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surgimax™
saving lives

Медичні інструменти
Виробництво Великобританія



Surgery
Chirurgie
Cirugía
Chirurgie
Chirurgia

CGS2022/V3

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SURGICALINSTRUMENTS



01

Diagnostics – Anesthesia
Diagnostik – Anästhesie
Diagnóstico – Anestesia
Diagnostic – Anesthésie
Diagnostica – Anestesia

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Babinsky
01-100-22
22 cm - 8 ¾”



Rabiner
01-101-23
23 cm - 9 ¼”



Queen’s Hammer
01-108-35
35 cm - 13 ¾”
Plastic handle



Wartenberg
01-102-19
19 cm - 7 ½”



Buck
01-103-18
18 cm - 7”



Traube
01-104-18
18 cm - 6 ¼”



Taylor
01-105-18
18 cm - 7”
01-105-20
20 cm - 8”



Berliner
01-106-20
20 cm - 8”



Dejerine
01-107-20
20 cm - 8”

Set - 01

01-108-00

Ophtalmoscope set
Ophthalmoskop-Besteck
Ophtalmoscopio
Trousse à ophtalmoscopie
Oftalmoscopio



Set - 02

01-109-00

Universal set
Universal-Besteck
Estuche universal
Trousse universelle
Astuccio universale





Set - 03

01-110-00

Combination set
Kombinations-Besteck
Estuche combinado
Trousse combinée
Astuccio combinato



Set - 04

01-111-00

Otoscope set
Otoskop-Besteck
Otoscopio
Trousse à otoscopie
Otoscopio



Pinard
01-112-18
18 cm - 7"
Wood
Holz
Madera
Bois
Legno



Pinard
01-113-15
15 cm - 6"
Aluminium
Aluminium
Aluminio
Aluminium
Alluminio



Duplex
01-114-04 4.7cm - 1 ¾"
for adults
für Erwachsene
para adultos
pour adultes
per adulti

Baby-Duplex
01-115-15 4.7cm - 1 ¾"
for children
für Kinder
para niños
pour enfants
per bambini





Anestophon
01-116-04 4.7cm - 1 ¾"
for nurses, simple
für Schwestern, einfach
para enfermeras, simple
pour infirmières, simple
per infermiere, semplice



Ziegler

01-117-09 9 cm - 3 ½" Ø

Head mirror with black plastic head band
Stirnspiegel mit schwarzem Plastikband
Espejo frontal con banda de plastica negra
Miroir frontal avec ruban en plastique noir
Specchio frontale con fascia di plastica nera

Ziegler

01-118-09 9 cm - 3 ½" Ø

Head mirror only, with rubber coating
Reflexspiegel allein, mit Gummifassung
Espejo frontal solo, con guarnición de goma
Miroir frontal seul, avec monture en caoutchouc
Solo specchio frontale, con guarnizione di gomma

01-119-09 9 cm - 3 ½" Ø

Head mirror with white plastic head band
Stirnspiegel mit weissem Plastikband
Espejo frontal con banda de plastica blanca
Miroir frontal avec ruban en plastique blanc
Specchio frontale con fascia di plastica bianca

01-120-00

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

01-121-00

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

Cold-light head lamp
Kaltlicht-Stirnlampe
Lámpara frontal de luz fria
Eclaireur frontal de lumière froide
Lampada frontale a luce fredda



Binner

01-122-00

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

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

Lámpara frontal, luz fria, focus ajustable,
distancia de trabajo 300 mm, campo de illuminación 70 – 120 mm Ø

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

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



Clar

01-123-00 10 cm Ø, 6 V

Head light complete
Stirnlampe komplett
Lámpara frontal, completa
Eclaireur frontal complet
Lampada frontale, completa

01-124-00 10 cm Ø, 6 V

Head light with cable, frame and mirror, without head band
Stirnlampe mit Kabel, Fassung und Spiegel, ohne Stirnreifen
Lámpara frontal, con cable, armadura y espejo, sin banda
Eclaireur frontal avec cable, douille et miroir, sans ruban
Lampada frontale con cavo, supporto e specchio, senza fascia



Mini-Clar

01-125-00 5 cm Ø, 6 V

complete
komplett
completa
complet
completa

Clar

01-126-05 5 cm - 2" Ø

01-126-10 10 cm - 2" Ø

Spiegel aus Glas, ohne Fassung
Head mirror glass, without frame
Miroir frontal en vitre, sans douille
Espejo frontal de cristal, sin armadura
Vetro specchio, senza supporto

Clar

01-127-00

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

Clar

01-128-00

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

01-129-00 6 V

Glühbirne
Bulb
Ampoule
Bombilla
Lampadina



Transformer – stepless adjustable
Transformator – stufenlos einstellbar
Transformador – regulación continua
Transformateur – à réglage continuelle
Trasformatore – regolabile in continuità

01-130-00

Input 220 V/ 50 Hz ~
Output 0–10 V/ 3 W =

Binocular

01-131-00

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

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

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

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

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



01-132-00

Kopfband
Head band
Ruban
Banda
Fascia



Manometer
Fig. 1

01-133-00

Calibrated
Geeicht
Calibado
Calibré
Calibrato



Manometer
Fig. 2

01-134-00

non calibrated
ungeeicht
no calibrado
non calibré
non calibrato



Manometer
Fig. 3

01-135-00

Mercury blood pressure manometer, non calibrated
Quecksilber-Blutdruckmessapparat, ungeeicht
Manómetro de mercurio, no calibrado
Tensiomètre à mercure, non calibré
Manometro a mercurio, non calibrato



Collin

Fig. 1	Fig. 2	Fig. 3
01-136-12	01-137-12	01-138-12
12.5 cm - 5"	12.5 cm - 5"	12.5 cm - 5"
for children, kg-scale	for adults, kg-scale	for adults, lbs-scale
für Kinder, kg-Einteilung	für Erwachsene, kg-Einteilung	für Erwachsene, lbs-Einteilung
para niños, graduación en kg	para adultos, graduación en kg	para adultos, graduación en lbs
pour enfants, échelle en kg	pour adultes, échelle en kg	pour adultes, échelle en lbs
per bambini, graduazione in kg	per adulti, graduazione in kg	per adulti, graduazione in lbs



Bertillon

01-139-32

32 cm - 12 ½"



Moeltgen

01-140-24

24 cm 9 ½"



Magda
Fig. 1

01-141-10	10 cm - 4"
01-141-15	15 cm - 6"
01-141-20	20 cm - 8"
01-141-30	30 cm - 12"
01-141-50	50 cm - 20"



Magda
Fig. 2

01-142-50	50 cm - 20"

X-ray ruler
Röntgen-Messstab
Regla para rayos X
Règle rayons X
Misuratore per raggi X



Vernier

01-143-21	01-144-21	21 cm - 8 ¼"
Aluminium	Steel	
Aluminium	Stahl	
Aluminio	Acero	
Aluminium	Acier	
Alluminio	Accaio	



Castroviejo

01-145-08
8 cm - 3 ¼"



Gauge

01-146-15	01-147-15 150 cm - 60"
Steel	Wax cloth
Stahl	Wachs
Acero	Cerada
Acier	Toile cirée
Acciaio	Cera



Welzer

01-152-16	16 cm - 6 ¼"

Wood
Holz
Madera
Bois
Legno



Wavy

01-153-14	14.5 cm - 5 ¾"



Kroenig

01-154-15	15 cm - 6"



Mayo

01-155-17	17 cm - 6 ¾"



Bruenings

01-156-19	19 cm - 7 ½"



Frenzel

01-157-16	16.5 cm - 6 ½"



Lack

01-130-13	13 mm
01-130-19	19 mm
01-130-22	22 mm





Wieder

01-158-15	15 cm - 6"
01-158-14	14 cm - 5 ½"



Boswoth
01-159-14
14.5 cm - 5 ¾”



Tobold
01-160-14
14.5 cm - 5 ¾”



Hartmann
01-161-15
15 cm - 6"



Andrew
01-162-11
11 cm - 4 ¾”

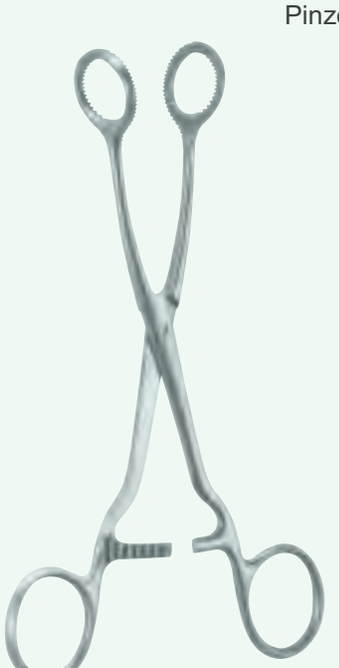
Tongue holding forceps
Zungenzangen
Pinzas tiralengua
Pinces tire langue
Pinze tiralingua



Young
01-163-17
17 cm - 6 ¾”



01-163-00
1 Pair rubber-inserts
1 Paar Ersatz Gummi-Einsätze
1 Juego de insertos de goma
1 Paire des inserts en cautchouc
1 Paio d‘inserti di gomma



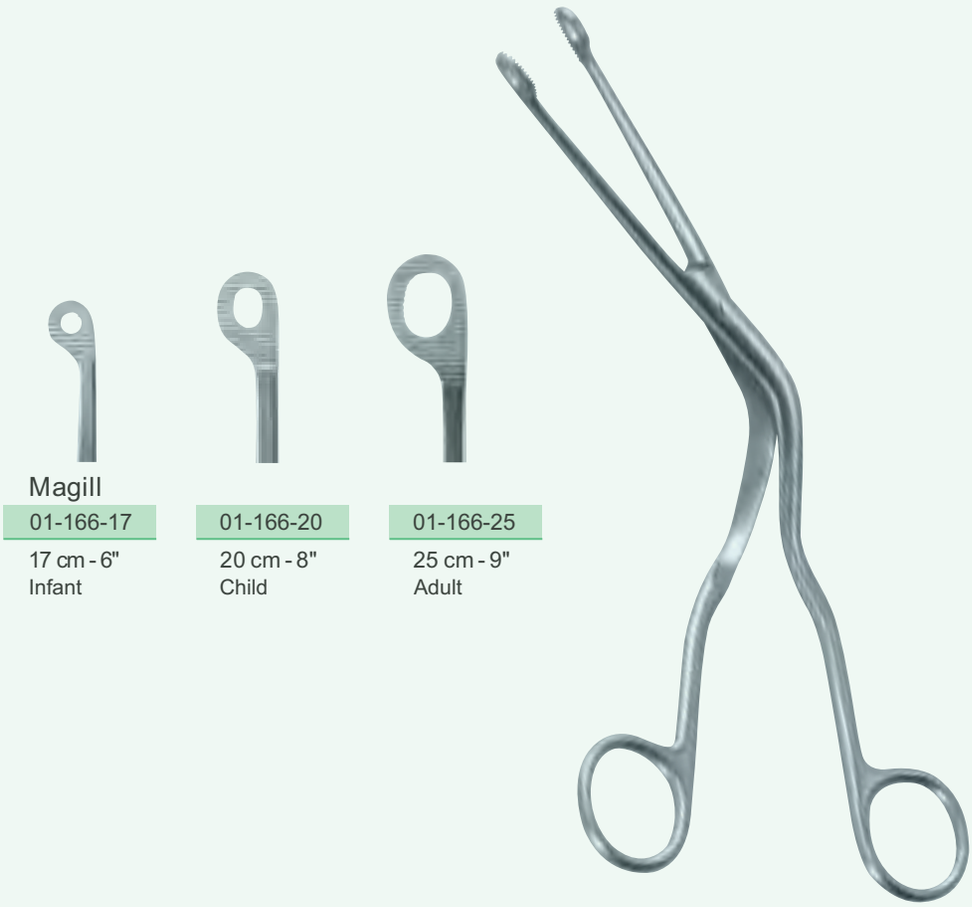
Collin
01-164-16 16 cm - 6 ¼”
01-164-17 17 cm - 6 ¾”
01-164-19 19 cm - 7 ½”



Sternberg

01-165-12	12 cm - 4 ¾”
01-165-14	14 cm - 5 ½”
01-165-16	16 cm - 6 ¼”

Catheter forceps
Katheterzangen
Pinzas para catéteres
Pinces pour cathéters
Pinze per catetere



Magill

01-166-17	01-166-20	01-166-25
17 cm - 6"	20 cm - 8"	25 cm - 9"
Infant	Child	Adult

The English Macintosh is similar to the conventional Macintosh except that the flange is curved and lower at the handle end. Two studies have proved that this blade provided better results than other commonly used blades.





Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

Code	Description	Fig.	Size
01-281-00	Premature	00	68 mm
01-281-0	Neonate	0	80 mm
01-281-1	Infant	1	92 mm
01-281-2	Child	2	105 mm
01-281-3	Medium Adult	3	135 mm
01-281-4	Large Adult	4	155 mm
01-281-5	X-Large	5	175 mm

The Miller is one of the most popular blades. The tongue is straight with a slight upward curve near the tip.
In cross-section the flange, web, and tongue form a C with the top fattened.
Placing the bulb on the right side allows it to be protected by the flange. Several modifications have been described.
In comparing the Macintosh and Miller blades, it was found that force, head extension and cervical spine movement were less with the Miller.





Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

Code	Description	Fig.	Size
01-282-00	Premature	00	65 mm
01-282-0	Neonate	0	78 mm
01-282-1	Infant	1	102 mm
01-282-2	Child	2	154 mm
01-282-3	Medium Adult	3	195 mm
01-282-4	Large Adult	4	205 mm

- Specially designed and constructed with high quality stainless steel AISI 304.
- High quality German optical fibers loaded with 4.5mm bundle for best optimum light transmission.
- Exceptionally high light intensity with LED illumination (8000-10000 LUX).
- With this integrated FO light conductor, there are no extra cavities or light path to become contaminated.
- Smooth and low profile blade design which gives no chance of damaging teeth and upper part of mouth.
- Integrated light guide blade design for quick cleaning and sterilization without extra effort for connecting screw.
- Compatible with all handles of ISO 7376 (Green System).
- Autoclaving at 134 C /5 min. maximum light output with 3000-4000 cycles.



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

Code	Description	Fig.	Size
01-283-0	Neonate	0	80 mm
01-283-1	Infant	1	93 mm
01-283-2	Child	2	114 mm
01-283-3	Medium Adult	3	135 mm
01-283-4	Large Adult	4	155 mm
01-283-5	X-Large	5	175 mm

- Specially designed and constructed with high quality stainless steel AISI 304.
- High quality German optical fibers loaded with 4.5mm bundle for best optimum light transmission.
- Exceptionally high light intensity with LED illumination (8000-10000 LUX).
- With this integrated FO light conductor, there are no extra cavities or light path to become contaminated.
- Smooth and low profile blade design which gives no chance of damaging teeth and upper part of mouth.
- Integrated light guide blade design for quick cleaning and sterilization without extra effort for connecting screw.
- Compatible with all handles of ISO 7376 (Green System).
- Autoclaving at 134 C /5 min. maximum light output with 3000-4000 cycles.





Fig. 00



Fig. 2



Fig. 0



Fig. 3



Fig. 1



Fig. 4

Code	Description	Fig.	Size
01-284-00	Premature	00	65 mm
01-284-0	Neonate	0	78 mm
01-284-1	Infant	1	102 mm
01-284-2	Child	2	154 mm
01-284-3	Medium Adult	3	195 mm
01-284-4	Large Adult	4	205 mm

These blades have a flexible tip that is controlled by a lever attached to the proximal end of the blade. When the lever is pushed toward the handle, the tip of the blade is flexed. This laryngoscope may be helpful when a difficult intubation is encountered.
It may be especially useful in patients with minimal neck movement. External laryngeal pressure may further improve the view. Even if the blade does not improve the view of the larynx, it may improve the likelihood of successful intubation by elevating the epiglottis.

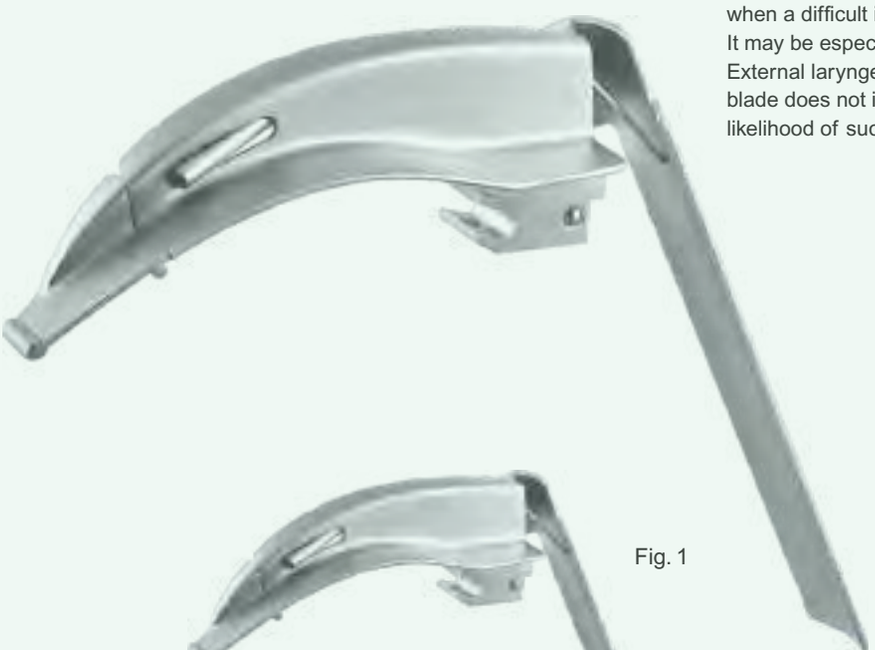


Fig. 1



Fig. 2





Fig. 3

Code	Description	Fig.	Size
01-285-2	Child	2	105 mm
01-285-3	Medium Adult	3	130 mm
01-285-4	Large Adult	4	155 mm

These blades have a flexible tip that is controlled by a lever attached to the proximal end of the blade. When the lever is pushed toward the handle, the tip of the blade is flexed. This laryngoscope may be helpful when a difficult intubation is encountered.
It may be especially useful in patients with minimal neck movement. External laryngeal pressure may further improve the view. However, it will not always improve the view and may worsen it. Even if the blade does not improve the view of the larynx, it may improve the likelihood of successful intubation by elevating the epiglottis. In some patients in whom the view is satisfactory with the Macintosh blade, use of the Flexible tip blade may make the view worse.



Fig. 2



Fig. 3





Fig. 4

Code	Description	Fig.	Size
01-286-2	Child	2	108 mm
01-286-3	Medium Adult	3	130 mm
01-286-4	Large Adult	4	155 mm

- Diamond knurled barrel gives strong grip to the user.
- LED brighter illumination with 60,000 LUX.
- LED operating time over 50,000 hrs.
- 2 hrs operating time at maximum illumination.
- Viewing angle at 130 with color temperature color temperature 6500K.
- Conforms to all Green System blades as per ISO 7376 standard.
- Simple change of batteries at the base of the handle.
- Crafted from high quality chrome plated brass.
- Battery usage is minimized due to the low power consumption.
- Fully autoclavable @ 134 C for 5 minutes.



Infant 122 mm | Pediatric 160 mm | Stubby 125 mm | Medium 160 mm

Battery Handles Fiber Optic Xenon, Stainless Steel

Code	Description	Battery	Size
01-287-01	Infant	1xLithium 123 Size	122 mm
01-287-02	Stubby	2xAA Size	160 mm
01-287-03	Pediatric	2xAA Size	125 mm
01-287-04	Medium	2xC Size	160 mm

Battery Handles Fiber Optic Xenon, Brass Chrome Plated

Code	Description	Battery	Size
01-288-01	Infant	1xLithium 123 Size	122 mm
01-288-02	Stubby	2xAA Size	160 mm
01-288-03	Pediatric	2xAA Size	125 mm
01-288-04	Medium	2xC Size	160 mm



Infant 122 mm | Pediatric 160 mm | Stubby 125 mm | Medium 160 mm

Battery Handles Fiber Optic LED, Stainless Steel

Code	Description	Battery	Size
01-289-01	Infant	1xLithium 123 Size	122 mm
01-289-02	Stubby	2xAA Size	160 mm
01-289-03	Pediatric	2xAA Size	125 mm
01-289-04	Medium	2xC Size	160 mm

Battery Handles Fiber Optic LED, Brass Chrome Plated

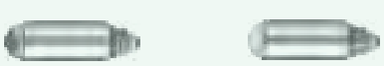
Code	Description	Battery	Size
01-290-01	Infant	1xLithium 123 Size	122 mm
01-290-02	Stubby	2xAA Size	160 mm
01-290-03	Pediatric	2xAA Size	125 mm
01-290-04	Medium	2xC Size	160 mm



Infant 122 mm | Pediatric 160 mm | Stubby 125 mm | Medium 160 mm

Battery Handles Fiber Optic LED, Stainless Steel

Code	Description	Battery	Size
01-291-01	Infant	1xLithium 123 Size	122 mm
01-291-02	Stubby	2xAA Size	160 mm
01-291-03	Pediatric	2xAA Size	125 mm
01-291-04	Medium	2xC Size	160 mm



LED Lamp | Halogen Lamp

Replacement Lamps

Code	Type	Voltage
01-292-01	Xenon	2.5 V
01-292-02	LED	3.0 V
01-292-03	Halogen	2.5 V
01-292-04	Halogen	3.5 V

Replacement Fiber Optic Light Guides, English Profile (4 mm)

Code	Description	For Blades
01-296-00	Miller Blade	00
01-296-0	Miller Blade	0
01-296-1	Miller Blade	1
01-296-2	Miller Blade	2
01-296-3	Miller Blade	3
01-296-4	Miller Blade	4
01-297-00	Macintosh Blade	00
01-297-0	Macintosh Blade	0
01-297-1	Macintosh Blade	1
01-297-2	Macintosh Blade	2
01-297-3	Macintosh Blade	3
01-297-4	Macintosh Blade	4



Macintosh Fiber Optic Xenon Laryngoscope Sets, English Profile

Code	Description
01-298-01	Set of 4 Blades 1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-298-02	Set of 5 Blades 0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-298-03	Set of 6 Blades 0,1,2,3,4,5 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



Miller Fiber Optic Xenon Laryngoscope Sets, English Profile

Code	Description
01-299-01	Set of 4 Blades 1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-299-02	Set of 5 Blades 0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-299-03	Set of 6 Blades 0,1,2,3,4,5 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



Flexible Fiber Optic Xenon Laryngoscope Sets, English Profile

Code	Description
01-300-01	Set of 2 Blades 3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.

Flexible pro Fiber Optic Xenon Laryngoscope Sets, German Profile

Code	Description
01-301-01	Set of 2 Blades 3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



Macintosh Fiber Optic LED Laryngoscope Sets, English Profile

Code	Description
01-302-01	Mac F.O LED Laryngoscope Set of 4 Blades 1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-302-02	Mac F.O LED Laryngoscope Set of 5 Blades 0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-302-03	Mac F.O LED Laryngoscope Set of 6 Blades 0,1,2,3,4,5 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



Miller Fiber Optic LED Laryngoscope Sets, English Profile

Code	Description
01-303-01	Miller F.O LED Laryngoscope Set of 4 Blades 1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-303-02	Miller F.O LED Laryngoscope Set of 5 Blades 0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-303-03	Miller F.O LED Laryngoscope Set of 6 Blades 00,0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



Flexible Fiber Optic Led Laryngoscope Sets, English Profile

Code	Description
01-304-01	MacFlex F.O LED Laryngoscope Set of 2 Blades 3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.

Flexible pro LED Laryngoscope Sets, German Profile

Code	Description
01-305-01	Set of 2 Blades 3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.

The English Macintosh is similar to the conventional Macintosh except that the flange is curved and lower at the handle end. Two studies have proved that this blade provided better results than other commonly used blades.



Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 3.5



Fig. 4



Fig. 5

Code	Description	Fig.	Size
01-306-00	Premature	00	68 mm
01-306-0	Neonate	0	80 mm
01-306-1	Infant	1	95 mm
01-306-2	Child	2	105 mm
01-306-3	Medium Adult	3	135 mm
01-306-35	Ext. Medium Adult	3.5	145 mm
01-306-4	Large Adult	4	155 mm
01-306-5	X-Large	5	175 mm

The Miller is one of the most popular blades. The tongue is straight with a slight upward curve near the tip. In cross-section the flange, web, and tongue form a C with the top fattened. Placing the bulb on the right side allows it to be protected by the flange. Several modifications have been described. In comparing the Macintosh and Miller blades, it was found that force head extension and cervical spine movement were less with the Miller.





Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

Code	Description	Fig.	Size
01-307-00	Premature	00	65 mm
01-307-0	Neonate	0	78 mm
01-307-1	Infant	1	102 mm
01-307-2	Child	2	154 mm
01-307-3	Medium Adult	3	195 mm
01-307-4	Large Adult	4	205 mm

These blades have a flexible tip that is controlled by a lever attached to the proximal end of the blade. When the lever is pushed toward the handle, the tip of the blade is flexed. This laryngoscope may be helpful when a difficult intubation is encountered. It may be especially useful in patients with minimal neck movement. External laryngeal pressure may further improve the view. Even if the blade does not improve the view of the larynx, it may improve the likelihood of successful intubation by elevating the epiglottis.

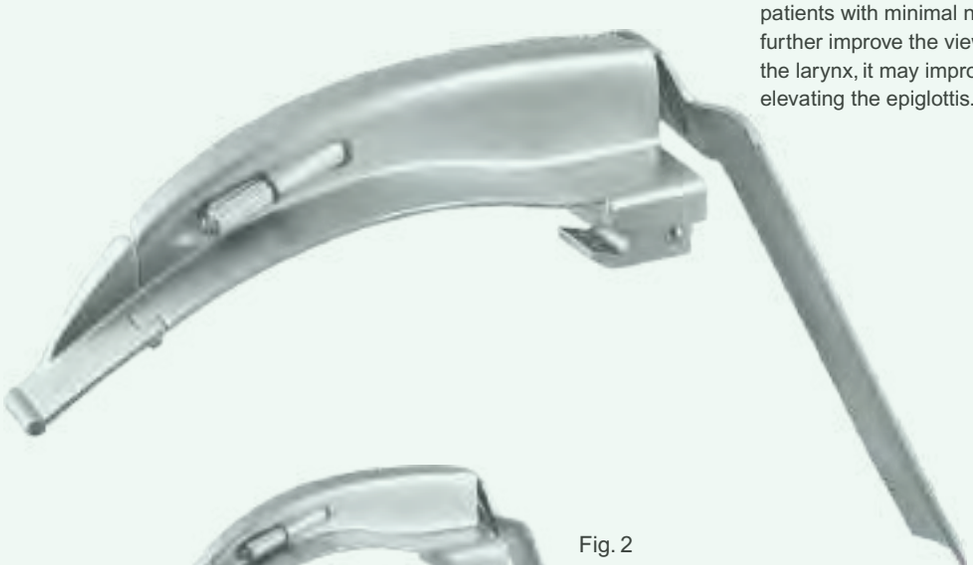


Fig. 2





Fig. 3



Fig. 4

Code	Description	Fig.1	Size
01-308-2	Child	2	105 mm
01-308-3	Medium Adult	3	130 mm
01-308-4	Large Adult	4	155 mm

- Diamond knurled barrel gives strong grip to the user.
- Conforms to all conventional blades as per ISO 7376 standard.
- Simple change of batteries at the base of the handle.
- Crafted from high quality chrome plated brass.
- Economical solution for intubation as compare to green system.
- Fully autoclavable @ 134 C for 5 minutes.



Infant 122 mm | Pediatric 160 mm | Stubby 125 mm | Medium 160 mm

Battery Handles, Stainless Steel

Code	Description	Battery	Size
01-309-01	Infant	1xLithium 123 Size	110 mm
01-309-02	Stubby	2xAA Size	115 mm
01-309-03	Pediatric	2xAA Size	145 mm
01-309-04	Medium	2xC Size	150 mm

Battery Handles, Brass Chrome Plated

Code	Description	Battery	Size
01-310-01	Infant	1xLithium 123 Size	110 mm
01-310-02	Stubby	2xAA Size	115 mm
01-310-03	Pediatric	2xAA Size	145 mm
01-310-04	Medium	2xC Size	150 mm



LED Lamp



Halogen Lamp

Replacement Lamps

Code	Description	Type	Voltage
01-311-00	Small	Xenon	2.5 V
01-312-00	Adult	LED	3.0 V
01-313-00	Small	Halogen	2.5 V
01-314-00	Adult	Halogen	3.5 V



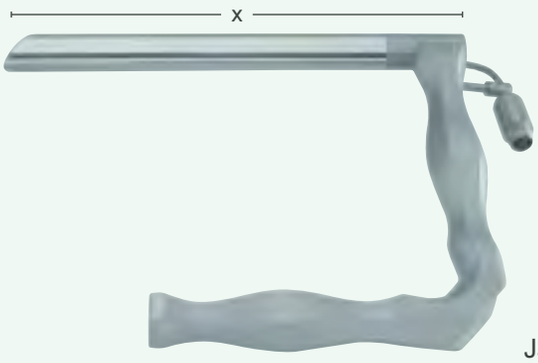
Macintosh Conventional Laryngoscope Sets, English Profile

Code	Description
01-315-01	Mac Conventional Laryngoscope Set of 4 Blades 1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-315-02	Mac Conventional Laryngoscope Set of 5 Blades 0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-315-03	Mac Conventional Laryngoscope Set of 6 Blades 00,0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



Miller Conventional Laryngoscope Sets, English Profile

Code	Description
01-316-01	Miller Conventional Laryngoscope Sets Set of 4 Blades 1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp in Plastic Case.
01-316-02	Miller Conventional Laryngoscope Sets Set of 5 Blades 0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.
01-316-03	Miller Conventional Laryngoscope Sets Set of 6 Blades 00,0,1,2,3,4 with 1 Medium Handle, 1 Replacement Lamp, in Plastic Case.



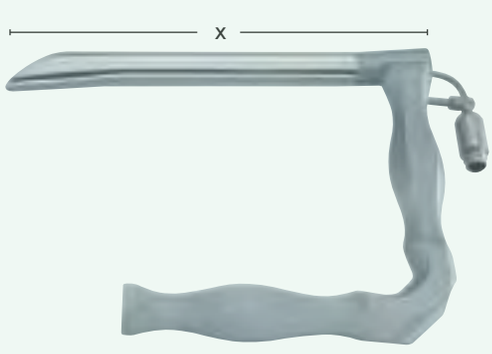
Jackson

01-188-12	01-188-17	01-188-18
x = 12 cm	x = 17 cm	x = 18 cm
for babys	for children	for adults
für Säuglinge	für Kinder	für Erwachsene
para lactantes	para niños	para adultos
pour nourissons	pour enfants	pour adultes
per lattanti	per bambini	per adulti

Jackson with light carrier, stainless steel
Jackson mit Lichtträger, rostfrei
Jackson con porta fibras, inoxidable
Jackson avec porte de lumière, inoxydable
Jackson con porta luce, inossidabile

01-189-12	01-189-17	01-189-18
x = 12 cm	x = 17 cm	x = 18 cm
for babys	for children	for adults
für Säuglinge	für Kinder	für Erwachsene
para lactantes	para niños	para adultos
pour nourissons	pour enfants	pour adultes
per lattanti	per bambini	per adulti

Light carrier, only, for Jackson
Lichtträger, allein, für Jackson
Porta fibras, sola, para Jackson
Porte de lumière, seul, pour Jackson
Porta luce, sola, per Jackson



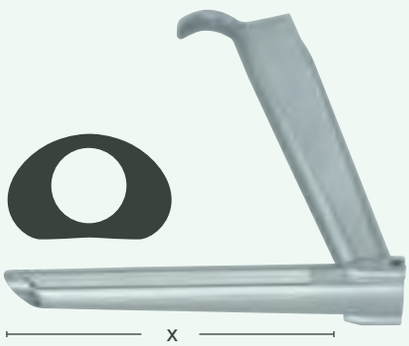
Holinger

01-190-17	01-190-18
x = 17.1 cm	x = 18 cm

Holinger with light carrier, stainless steel
Holinger mit Lichtträger, rostfrei
Holinger con porta fibras, inoxidable
Holinger avec porte de lumière, inoxydable
Holinger con porta luce, inossidabile

01-191-17	01-191-18
x = 17.1 cm	x = 18 cm

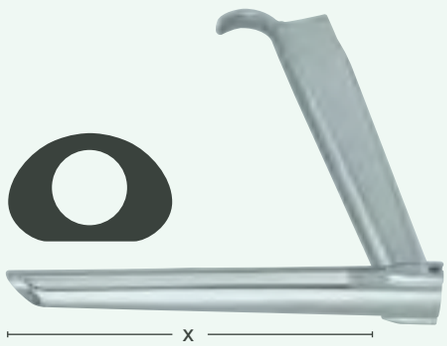
Light carrier, only, for Holinger
Lichtträger, allein, für Holinger
Porta fibras, sola, para Holinger
Porte de lumière, seul, pour Holinger
Porta luce, solo, per Holinger



Inka
Fig.1

01-148-01 x = 13.5 cm

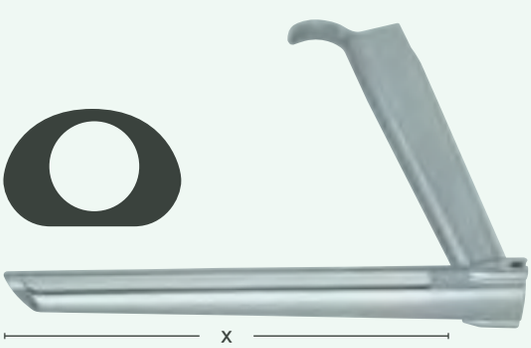
Stainless steel
Rostfreier Edelstahl
Acero inoxidable
Acier inoxydable
Acciaio inossidabile



Inka
Fig.2

01-149-02 x = 15.2 cm

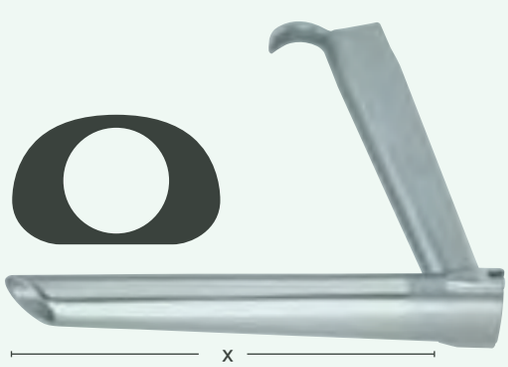
Stainless steel
Rostfreier Edelstahl
Acero inoxidable
Acier inoxydable
Acciaio inossidabile



Inka
Fig.3

01-150-03 x = 18.2 cm

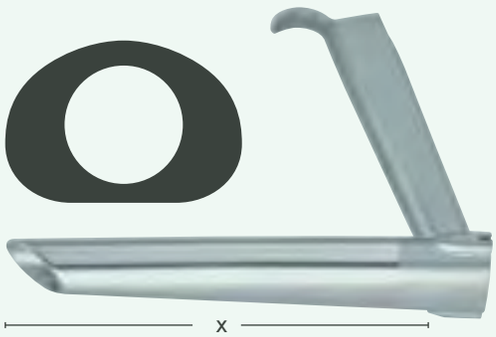
Stainless steel
Rostfreier Edelstahl
Acero inoxidable
Acier inoxydable
Acciaio inossidabile



Inka
Fig.4

01-151-04 x = 17.2 cm

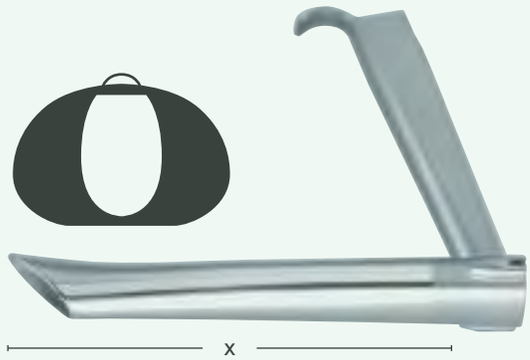
Stainless steel
Rostfreier Edelstahl
Acero inoxidable
Acier inoxydable
Acciaio inossidabile



Inka

01-192-05 x = 17.2 cm

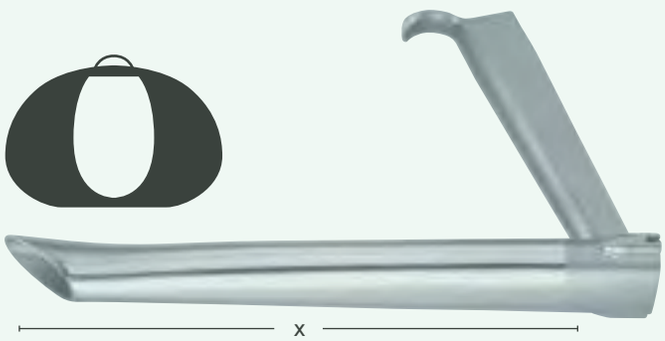
Fig.5
Stainless steel
Rostfreier Edelstahl
Acero inoxidable
Acier inoxydable
Acciaio inossidabile



Inka

01-193-06 x = 18.2 cm

Fig.6
Stainless steel
Rostfreier Edelstahl
Acero inoxidable
Acier inoxydable
Acciaio inossidabile



Inka

01-194-07 x = 22.2 cm

Fig.7
Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



Jason

01-195-34 34 cm - 13"

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



01-196-24 24 cm - 9"

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



Lupus
Fig. 1
01-197-00

for laryngoscopes
für Laryngoskope
para laringoscopios
pour laryngoscopes
per laringoscopi



Fig. 2
01-198-00

Suction tube for laryngoscopes
Rauchabsaugrohr für Laryngoskope
Tubo de aspiración para laringoscopios
Tube d'aspiration pour laryngoscopes
Tubo d'aspirazione per laringoscopi



Fig. 3
01-199-00

for laryngoscopes
für Laryngoskope
para laringoscopios
pour laryngoscopes
per laringoscopi



Fig.4
01-200-00

Injections drain tube for laryngoscopes
Injektionskanüle für Laryngoskope
Canula de inyección para laringoscopios
Canule à injection pour laryngoscopes
Cannula d'iniezione per laringoscopi

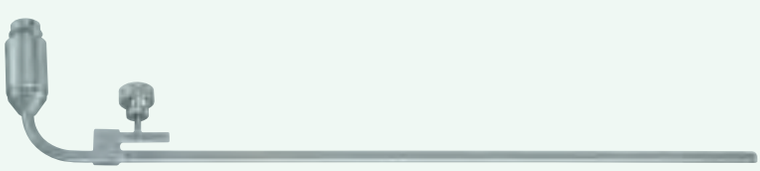


Fig. 5

01-201-00

for laryngoscope
für Laryngoskop
para laringoscopio
pour laryngoscope
per laringoscopio

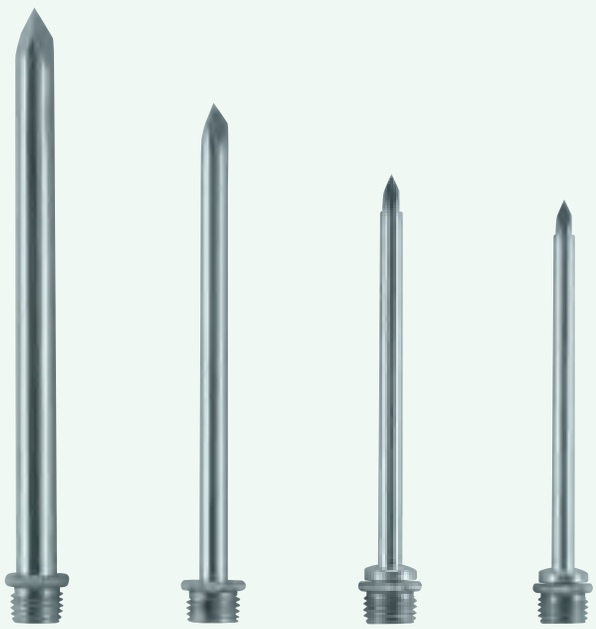


02

Aspiration – Probes
Aspiration – Sonden
Aspiración – Sondas
Aspiration – Sondes
Aspirazione – Sonde

surgimax™
saving lives





Universal

02-300-01	02-300-02	02-300-03	02-300-04
Fig. 1	Fig. 2	Fig. 3	Fig. 4
6.0 mmØ	4.5 mmØ	3.0 mmØ	1.75 mmØ

Set
Satz
Juego
Jeu
Serie

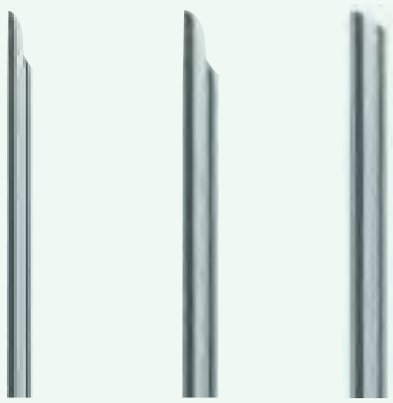


Uckermann

02-301-13

13 cm - 5”





Sinus

02-302-01	02-302-02	02-303-03	17 cm - 6¾”
3.5 mmØ	5.0 mmØ	5.0 mmØ	



Lichtwitz

02-304-18	02-304-20	19 cm - 7 ½"
1.8 mmØ	2.0 mmØ	

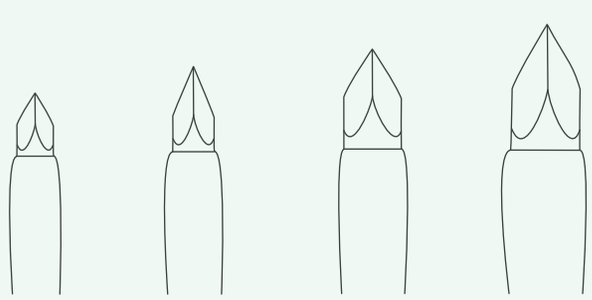


Ochsner

02-305-10	3 ⅓ mmØ	10 Char./Fr.
02-305-12	4 mmØ	12 Char./Fr.
02-305-14	4 ⅔ mmØ	14 Char./Fr.
02-305-16	5 ⅓ mmØ	16 Char./Fr.
02-305-18	6 mmØ	18 Char./Fr.
02-305-20	6 ⅔ mmØ	20 Char./Fr.
02-305-22	7 ⅓ mmØ	22 Char./Fr.
02-305-24	8 mmØ	24 Char./Fr.
02-305-26	8 ⅔ mmØ	26 Char./Fr.
02-305-28	9 ⅓ mmØ	28 Char./Fr.

10 cm - 4"





Nelson

02-306-60	02-306-83	02-306-95	02-306-11	21 cm - 8 ¼"
6.0 mmØ	8.3 mmØ	9.5 mmØ	11.6 mmØ	



Landau

02-307-16	16 cm - 6 ¼"

2 mmØ



Pierce

02-308-03	3 mmØ
02-308-04	4 mmØ
02-308-05	5 mmØ

17 cm - 6 ¾"



Krause

02-309-15	15 cm - 6"

5.5 mmØ



Coakley

02-310-16	16 cm - 6 ¼"

2.25 mmØ



Hormone Implant Needle Trocar

02-310-01	13 cm - 5 ¼"



Cooley
Fig. 1

02-311-35	35 cm - 13 ¾"

8 mm Ø



Fig. 2

02-312-31	31 cm - 12 ¼"

10 mm Ø



Fig. 3

02-313-30	30 cm - 12"

6 mm Ø



Fig. 4

02-314-33	33 cm - 13"

8 mm Ø



Poole

02-315-22	22 cm - 8"	8 mmØ

23 Charr./Fr.
Curved



Poole

02-316-22	22 cm - 8"	10 mmØ

30 Charr./Fr.
Straight



Andrews-Pynchon

02-317-23	23.5 cm - 9 ¼"



De Bakey

02-318-27	27.5 cm - 10 ¾"



02-319-27

Lower
Tip only

Yankauer

02-320-27	27 cm - 10 ¾"



Hartmann

02-321-01	02-321-04	2.0 mmØ
02-321-02	02-321-05	2.5 mmØ
02-321-03	02-321-06	3.0 mmØ
Fig.1	Fig.2	

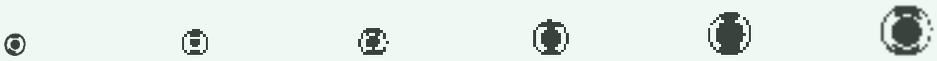


Killian

⬭	02-322-25	2.5 mmØ
◉	02-322-30	3.0 mmØ

16 cm - 6"
oval opening
ovale Öffnung
apertura oval
ouverture ovale
apertura ovale





Hartmann

02-323-00	02-323-01	02-323-02	02-323-03	02-323-04	02-323-05	15 cm - 6"
Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	





02-324-00

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







Tröltsch

02-325-01	02-325-02	02-325-03	02-325-04	02-325-05	15 cm - 6"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	





Syringe

02-326-02	50 ccm
02-326-03	75 ccm
02-326-04	100 ccm
02-326-05	150 ccm

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





Eicken

02-327-01	
02-327-02	
slightly curved leicht gebogen ligeramente curvada légèrement courbé leggermente curva	

02-327-03	2.5 mmØ
02-327-04	3.0 mmØ
strongly curved stark gebogen muy curvada très courbé fortemente curva	



Motershed
Fig. 1

02-328-03

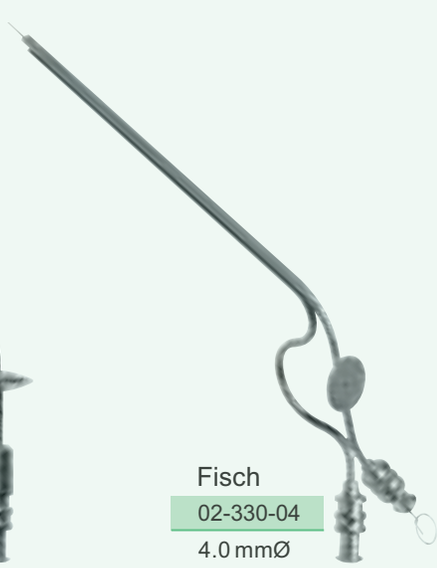
3.0 mmØ
Luer
Lock



Motershed
Fig. 2

02-329-02

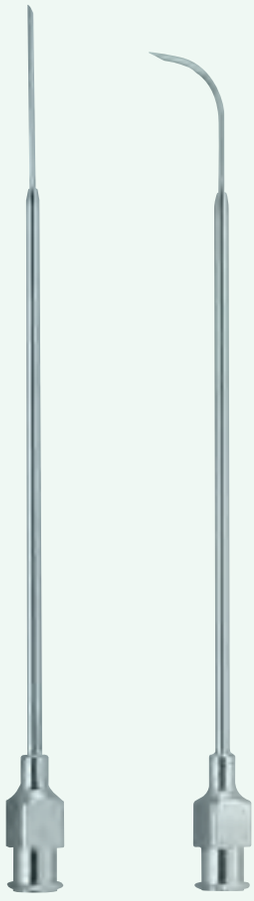
2.5 mmØ
Luer
Lock

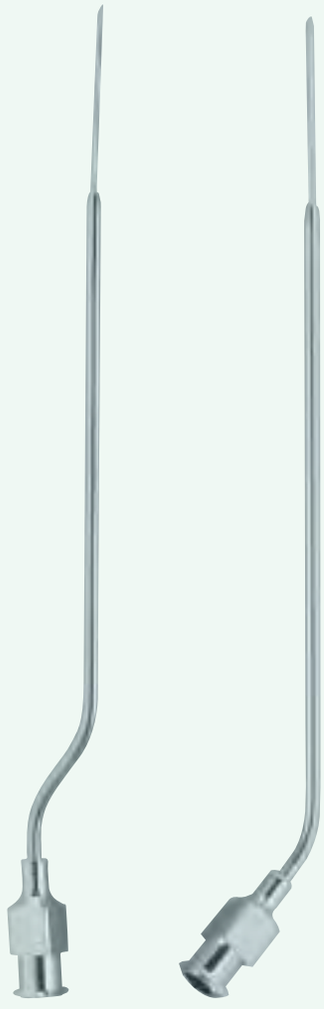


Fisch

02-330-04

4.0 mmØ





Strol

Fig. 1	Fig. 2		Fig. 3	Fig. 4	
02-331-01	02-331-02	0.8 mmØ	02-332-01	02-332-02	0.8 mmØ
straight	curved		bayonet	angled on flat	
gerade	gebogen		bajonettförmig	abgewinkelt	
recta	curva		bayoneta	angulado	
droite	courbe		baïonette	coudé sur le plat	
retta	curva		baionetta	angolato	
Tonsil needle			Septum needle		
Tonsillenkanüle			Septumkanüle		
Aguja para amigdales			Aguja para el tabique nasal		
Aiguille pour amygdales			Aiguille pour le cloison nasal		
Cannule per tonsille			Ago per setto nasale		



Zöllner

02-333-07	

0.7 mmØ

complete with 1 slip-on cannula, 0.7 mm Ø
komplett mit 1 aufsetzbaren Kanüle, 0.7 mm Ø
completo con 1 cánula desmontable de 0.7 mm Ø
complet avec 1 canule démontable, 0.7 mm de Ø
completa di 1 cannula applicabile di mm 0.7 di Ø



Iowa

02-334-16	0.7 mmØ

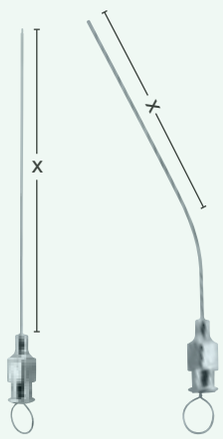
16 cm - 6 ¼"



Magill

02-335-30	3.0 mmØ
02-335-35	3.5 mmØ
02-335-40	4.0 mmØ

24.5 m - 9 ¾"



Rosen

02-336-07		02-337-07	0.7 mmØ
02-336-09		02-337-09	0.9 mmØ
02-336-12		02-337-12	1.2 mmØ
x = 80 mm		x = 65 mm	



Baron

02-338-03	02-339-03	1 mmØ	3 Charr./Fr.
02-338-05	02-339-05	1 2/3 mmØ	5 Charr./Fr.
02-338-07	02-339-07	2 1/3 mmØ	7 Charr./Fr.
7.5 cm - 3"	10 cm - 4"		



House

02-340-03	02-341-03	1 mmØ	3 Charr./Fr.
02-340-05	02-341-05	1 2/3 mmØ	5 Charr./Fr.
02-340-07	02-341-07	2 1/3 mmØ	7 Charr./Fr.
02-340-08	02-341-08	2 2/3 mmØ	8 Charr./Fr.
02-340-10	02-341-10	3 1/3 mmØ	10 Charr./Fr.
02-340-12	02-341-12	4 mmØ	12 Charr./Fr.
02-340-14	02-341-14	4 2/3 mmØ	14 Charr./Fr.
7.5 cm - 3"	10 cm - 4"		



Fergusson

02-342-06	2 mmØ	6 Charr./Fr.
02-342-07	2 1/3 mmØ	7 Charr./Fr.
02-342-08	2 2/3 mmØ	8 Charr./Fr.
02-342-09	3 mmØ	9 Charr./Fr.
02-342-10	3 1/3 mmØ	10 Charr./Fr.
02-342-12	4 mmØ	12 Charr./Fr.
02-342-15	5 mmØ	15 Charr./Fr.
17 cm - 6 ¾"		



Plester

02-343-06	2 mmØ	6 Charr./Fr.
02-343-07	2⅓ mmØ	7 Charr./Fr.
02-343-08	2⅔ mmØ	8 Charr./Fr.
02-343-09	3 mmØ	9 Charr./Fr.
02-343-10	3⅓ mmØ	10 Charr./Fr.
02-343-12	4 mmØ	12 Charr./Fr.
02-343-15	5 mmØ	15 Charr./Fr.

17 cm - 6 ¾"



Frazier

02-344-06	2 mmØ	6 Charr./Fr.
02-344-07	2⅓ mmØ	7 Charr./Fr.
02-344-08	2⅔ mmØ	8 Charr./Fr.
02-344-09	3 mmØ	9 Charr./Fr.
02-344-10	3⅓ mmØ	10 Charr./Fr.
02-344-12	4 mmØ	12 Charr./Fr.
02-344-15	5 mmØ	15 Charr./Fr.

17 cm - 6 ¾"



Adson

02-345-12	4 mmØ	12 Charr./Fr.
02-345-15	5 mmØ	15 Charr./Fr.

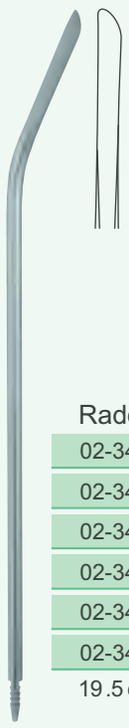
21 cm - 8 ¼"



Elena

02-346-20

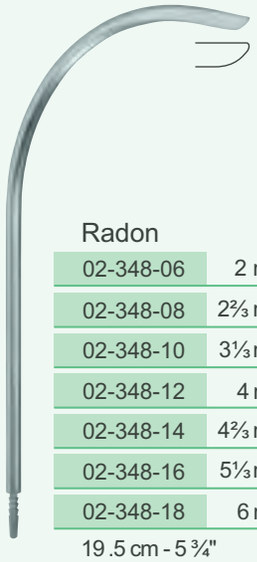
20 cm - 8"
Suction raspatory – malleable, sharp
Saug-Raspatorium – biegsam, scharf
Legra aspiradora – maleable y agudo
Rugine aspirante – flexible, tranchant
Elevatore-aspiratore – flessibile, tagliente



Radon

02-347-08	2⅔ mm Ø	8 Charr./Fr.
02-347-10	3⅓ mm Ø	10 Charr./Fr.
02-347-12	4 mm Ø	12 Charr./Fr.
02-347-14	4⅔ mm Ø	14 Charr./Fr.
02-347-16	5⅓ mm Ø	16 Charr./Fr.
02-347-18	6 mm Ø	18 Charr./Fr.

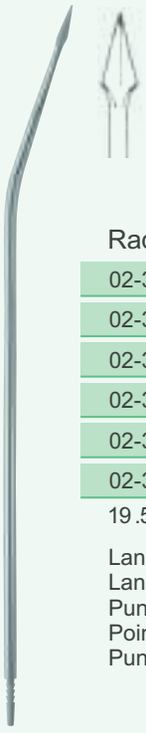
19.5 cm - 5 ¾"



Radon

02-348-06	2 mm Ø	6 Charr./Fr.
02-348-08	2⅔ mm Ø	8 Charr./Fr.
02-348-10	3⅓ mm Ø	10 Charr./Fr.
02-348-12	4 mm Ø	12 Charr./Fr.
02-348-14	4⅔ mm Ø	14 Charr./Fr.
02-348-16	5⅓ mm Ø	16 Charr./Fr.
02-348-18	6 mm Ø	18 Charr./Fr.

19.5 cm - 5 ¾"



Radon Modified

02-349-08	2⅔ mm Ø	8 Charr./Fr.
02-349-10	3⅓ mm Ø	10 Charr./Fr.
02-349-12	4 mm Ø	12 Charr./Fr.
02-349-14	4⅔ mm Ø	14 Charr./Fr.
02-349-16	5⅓ mm Ø	16 Charr./Fr.
02-349-18	6 mm Ø	18 Charr./Fr.

19.5 cm - 5 ¾"

Lancet tip
Lanzettenspitze
Punta lanceolada
Pointe lancéolaire
Punta lanceolata



Pravaz (Luer-Lock)

02-350-01	Fig.1	0.90 x 38 mm Ø
02-350-02	Fig.2	0.80 x 32 mm Ø
02-350-12	Fig.12	0.70 x 32 mm Ø
02-350-14	Fig.14	0.65 x 28 mm Ø
02-350-16	Fig.16	0.60 x 25 mm Ø
02-350-18	Fig.18	0.50 x 23 mm Ø
02-350-20	Fig.20	0.45 x 20 mm Ø

Package of 12 pieces
Packung à 12 Stück
Paquete de 12 piezas
Paquet de 12 pièces
Confezione da 12 pezzi





Quinke

02-351-01	1.20 x 76.0 mm Ø
02-351-02	1.20 x 89.0 mm Ø
02-351-03	1.00 x 76.0 mm Ø
02-351-04	1.00 x 89.0 mm Ø
02-351-05	0.70 x 76.0 mm Ø
02-351-06	0.70 x 50.0 mm Ø
02-351-07	0.70 x 89.0 mm Ø



Tuohy

02-352-01	1.20 x 76.0 mm Ø
02-352-02	1.40 x 76.0 mm Ø
02-352-03	1.60 x 76.0 mm Ø



Bier

02-353-01	1.20 x 80.0 mm Ø
02-353-02	1.20 x 90.0 mm Ø



Klima-Rosegger

02-354-00	1.80 x 35.0 mm Ø



Verres

02-355-01	2.00 x 100 mm Ø
02-355-02	2.00 x 120 mm Ø
02-355-03	2.00 x 150 mm Ø



Menghini

02-356-01	1.00 x 35.0 mm Ø
02-356-02	1.00 x 70.0 mm Ø
02-356-03	1.20 x 70.0 mm Ø
02-356-04	1.20 x 100.0 mm Ø
02-356-05	1.40 x 70.0 mm Ø
02-356-06	1.40 x 100.0 mm Ø
02-356-07	1.60 x 70.0 mm Ø
02-356-08	1.80 x 100.0 mm Ø



Menghini

02-357-01	1.40 x 168.0 mm Ø
02-357-02	1.80 x 168.0 mm Ø

Connecting pieces and stopcocks
Verbindungsstücke und Hähne
Piezas de conexion y llaves
Raccords et robinets
Raccordi e rubinetti



Connector
Fig. 1
02-358-00



Fig. 2
02-359-00



Franklin-Silverman
Mod. Fuchs

02-360-01	2.00 x 105.0 mm Ø	1.50 x 155.0 mm Ø
02-360-02	2.00 x 130.0 mm Ø	1.50 x 180.0 mm Ø

For kidney biopsy, incl. guide needle
Zur perkutanen Nierenbiopsie, einschl. Suchnadel
Para la biopsia de los riñones, con aguja de guia
Pour la biopsie des reins, aiguille d'introduction incl.
Per la biopsia renale, con ago guida

= Outer diameter
Außendurchmesser
Diametro externo
Diamètre extèrne
Diametro esterno

= Inner diameter
Innendurchmesser
Diametro interno
Diamètre intèrne
Diametro interno



Franklin-Silverman

02-361-01	02-361-03	2.00 x 105.0 mm Ø	1.50 x 155.0 mm Ø
02-361-02	02-361-04	2.50 x 145.0 mm Ø	1.50 x 180.0 mm Ø

without barb	barbed	For liver and kidney biopsy
ohne Widerhaken	mit Widerhaken	Zur Leber- und Nierenbiopsie
sin garfio	con garfio	Para la biopsia de los riñones y del hígado
sans crochet	avec crochet	Pour la biopsie des reins et de la foie
senza gancio	con gancio	Per la biopsia renale ed epatica

		⌀	⌀
02-362-01	02-362-03	2.00 x 100.0 mm Ø	1.50 x 150.0 mm Ø
02-362-02	02-362-04	2.50 x 145.0 mm Ø	1.50 x 195.0 mm Ø

Biopsy needle, only
Kanüle, allein
Aguja para biopsia, sola
Aiguille pour biopsie, seul
Ago per biopsia, solo



Luer

02-363-01	02-364-01	1 ml
02-363-02	02-364-02	2 ml
02-363-05	02-364-05	5 ml
02-363-10	02-364-10	10 ml
02-363-20	02-364-20	20 ml
02-363-50	02-364-50	50 ml

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



Luer-Lock

02-365-01	02-366-01	1 ml
02-365-02	02-366-02	2 ml
02-365-05	02-366-05	5 ml
02-365-10	02-366-10	10 ml
02-365-20	02-366-20	20 ml
02-365-50	02-366-50	50 ml

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



Luer-Lock

02-367-01	02-368-01	1 ml
02-367-02	02-368-02	2 ml
02-367-05	02-368-05	5 ml

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

02-369-00

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



Janet

02-370-50	02-371-50	50 ml
02-370-75	02-371-75	75 ml
02-370-100	02-371-100	100 ml
02-370-150	02-371-150	150 ml
02-370-200	02-371-200	200 ml

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

Probe

02-372-11	02-373-11	02-374-11	11.5 cm - 4 ½"
02-372-13	02-373-13	02-374-13	13 cm - 5"
02-372-14	02-373-14	02-374-14	14.5 cm - 5 ¾"
02-372-16	02-373-16	02-374-16	16 cm - 6 ¼"
02-372-18	02-373-18	02-374-18	18 cm - 7"
02-372-20	02-373-20	02-374-20	20 cm - 8"
02-372-25	02-373-25	02-374-25	25 cm - 9 ¾"
2.0 mm Ø	1.5 mm Ø	1.0 mm Ø	



Probe with Eye

02-375-11	11.5 cm - 4 ½"
02-375-13	13 cm - 5"
02-375-14	14.5 cm - 5 ¾"
02-375-16	16 cm - 6 ¼"
02-375-18	18 cm - 7"
02-375-20	20 cm - 8"
02-375-25	25 cm - 9 ¾"

2 mm Ø

with eyelet
mit Öhr
con ojo
avec oeil
con cruna



Concave

02-376-11	11.5 cm - 4 ½"
02-376-13	13 cm - 5"
02-376-14	14.5 cm - 5 ¾"
02-376-16	16 cm - 6 ¼"

2 mm Ø

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



Butterfly
Fig. 1

02-377-11	11.5 cm - 4 ½"
02-377-13	13 cm - 5"
02-377-14	14.5 cm - 5 ¾
02-377-16	16 cm - 6 ¼"
02-377-18	18 cm - 7"
02-377-20	20 cm - 8"



Butterfly
Fig. 2

02-378-11	11.5 cm - 4 ½"
02-378-13	13 cm - 5"
02-378-14	14.5 cm - 5 ¾"
02-378-16	16 cm - 6 ¼"
02-378-18	18 cm - 7"
02-378-20	20 cm - 8"

With pointed end



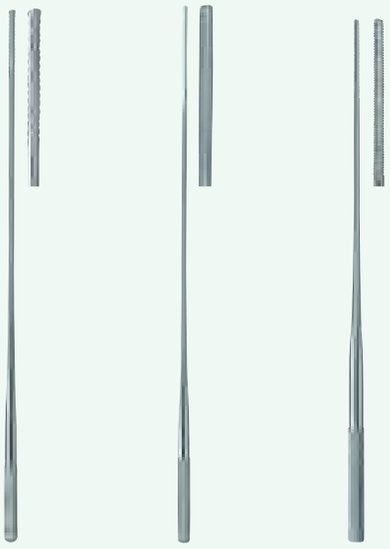
Doyen

02-379-14	14 cm - 5 ½"



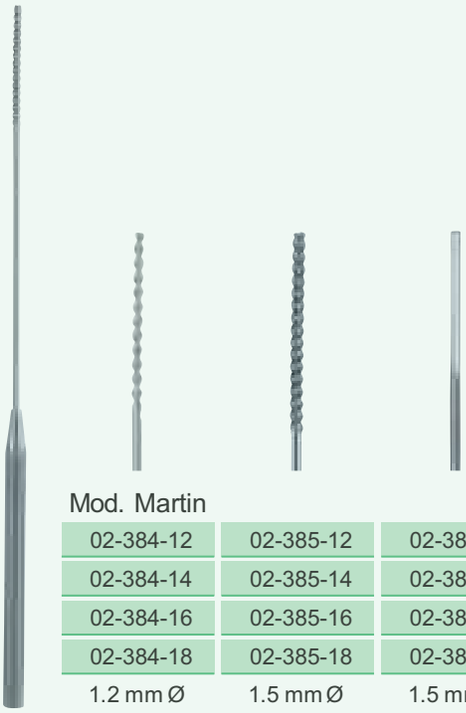
Nelaton

02-380-16	16 cm - 6 ½"



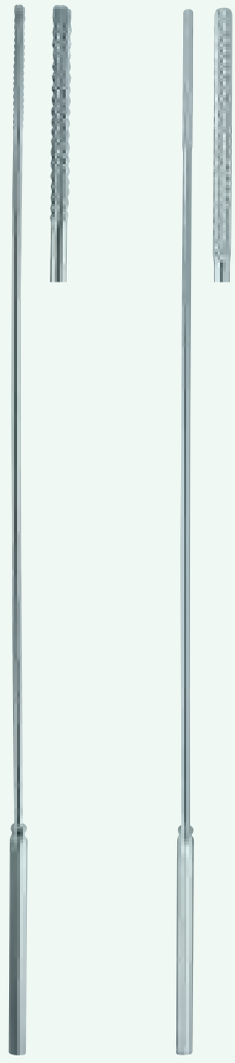
Farrell-Lathbury

02-381-12	02-382-12	02-383-12	12 cm - 4 ¾"	0.9 mm Ø
02-381-14	02-382-14	02-383-14	14 cm - 5 ½"	0.9 mm Ø
02-381-16	02-382-16	02-383-16	16.5 cm 6 ¼"	1.1 mm Ø
02-381-18	02-382-18	02-383-18	18 cm - 7"	1.2 mm Ø
02-381-23	02-382-23	02-383-23	23 cm - 9"	1.3 mm Ø



Mod. Martin

02-384-12	02-385-12	02-386-12	12 cm - 4 ¾"
02-384-14	02-385-14	02-386-14	14 cm - 5 ½"
02-384-16	02-385-16	02-386-16	16.5 cm - 6 ¼"
02-384-18	02-385-18	02-386-18	18 cm - 7"
1.2 mm Ø	1.5 mm Ø	1.5 mm Ø	



Saleh

02-387-28	02-388-28	28 cm - 11"
2.5 mm Ø	2.5 mm Ø	



Jopson-Horne

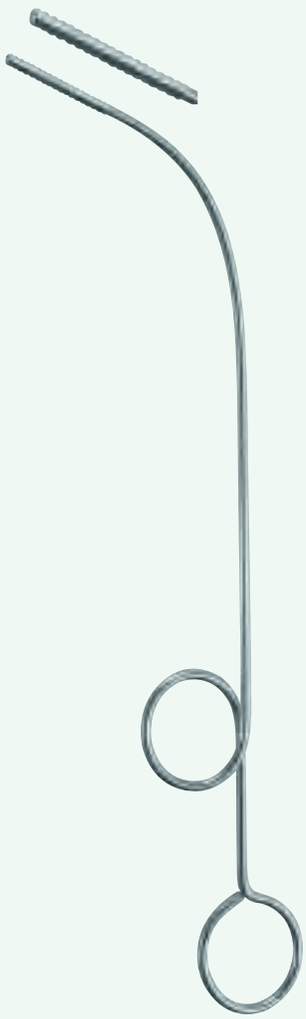
Fig. 2

02-389-14	14 cm - 5½"
02-389-18	18 cm - 7"



Fein

02-390-28
28 cm - 11"



Pelteson

02-391-23

23 cm - 9"



03

Scalpels – Knives
Skalpelle – Messer
Bisturís – Cuchillos
Scalpels – Couteaux
Bisturi – Coltelli

surgimax™
saving lives





Dieffenbach

03-500-01

16 cm - 6 ½”
Fig. 1



03-500-02

16 cm - 6 ½”
Fig. 2





Dissecting

03-501-01

Fig. 1



03-501-02

Fig. 2



03-501-03

Fig. 3



03-501-04

Fig. 4



03-501-05

Fig. 5



03-501-06

Fig. 6



03-501-07

Fig. 7



03-501-08

Fig. 8



03-501-09

Fig. 9



03-501-10

Fig. 10

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



03-505-03
Fig. 3



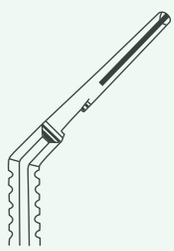
03-509-03
Fig. 3
graduated



03-502-04
Fig. 4



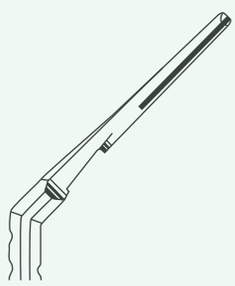
03-506-01
Fig. 3 L



03-506-02
Fig. 3 L
abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato



03-503-01
Fig. 4 L



03-503-02
Fig. 4 L
angled on flat
abgewinkelt
angulado
coudé sur le plat
angolato

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



03-507-07
Fig. 7K



03-508-07
Fig. 7



03-510-03
Fig. 3 R



03-511-03
Fig. 3 RG



Collin
03-504-08
Fig.8
hollow
hohl
hueco
creux
cavo



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



03-512-10
Fig. 10



03-512-11
Fig. 11



03-512-12
Fig. 12



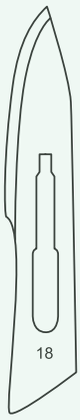
03-512-12D
Fig. 12d
double cutting edge
doppelschneidend
corta doble
double tranchante
a doppio taglio



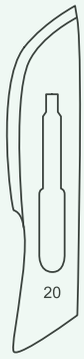
03-512-15
Fig. 15



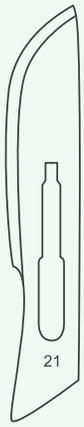
03-512-12C
Fig. 15c



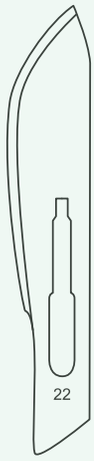
03-512-18
Fig. 18



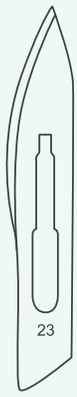
03-512-20
Fig. 20



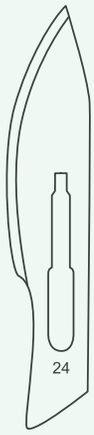
03-512-21
Fig. 21



03-512-22
Fig. 22



03-512-23
Fig. 23



03-512-24
Fig. 24



Tinos
03-513-13
13.5 cm - 5 ¼”
Titanium
Titan
Titaneo
Titan
Titanio



03-513-03
Fig. 3



03-513-04
Fig. 4



03-513-07
Fig. 7



03-513-09
Fig. 9

Micro-blades – package of 25 pieces
Mikro-Klingen – Packung mit 25 Stück
Micro-hojas – paquete de 25 piezas
Micro-lames – paquet de 25 pièces
Micro-lame – confezione da 25 pezzi



03-513-64
Fig. 64



03-513-65
Fig. 65



03-513-67
Fig. 67



03-513-69
Fig. 69



Package of 10 pieces
Packung mit 10 Stück
Paquet de 10 pièces
Paquetes de 10 piezas
Confezione da 10 pezzi



Manuel
03-514-13
13.5 cm - 5 ¼”
Changeable blades



Caspar
03-515-15
15.5 cm - 6”
Fig. 1



03-516-18
18 cm - 7”
Fig. 2



03-517-20
20 cm - 8”
Fig. 3



Landolt
03-518-21 21 cm - 8 ¼”
03-518-25 25 cm - 10”

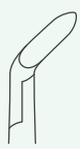


Castroviejo
03-519-13
13 cm - 5"





Troutman-Chris
03-520-09
9 cm - 3 ½"



03-521-09
9 cm - 3 ½"



Hardy
Fig. 1
03-522-24
24 cm - 9 ½"
for horizontal cuts



Fig. 2
03-523-24
24 cm - 9 ½"
for vertical cuts







Troutman-Chris

03-524-09

9 cm - 3 ½"
straight
Ø 5,5 mm

03-525-09

9 cm - 3 ½"
angled
Ø 5,5 mm





Castroviejo

03-526-12

12 cm - 4 ¾"

Swiss pattern

Jaw inside
smooth





Troutman Modified

03-527-13

13 cm - 5"

Jaw inside:
concave/convex





Kugai

03-528-18

18.5 cm - 7 ¼"

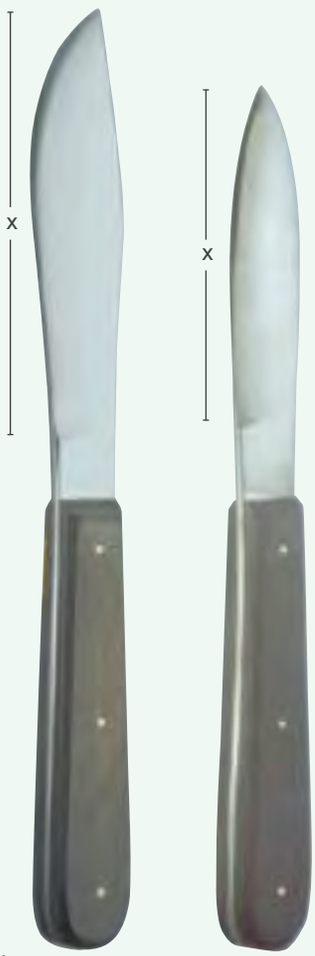


03-529-00

Razor Blades



Package of 10 pieces
Packung mit 10 Stück
Paquet de 10 pièces
Paquetes de 10 piezas
Confezione da 10 pezzi



Virchow

03-530-25	03-531-25	25.5 cm – 10"
x =12 cm - 4”	x=8 cm - 3 ½”	

Autopsy knives with wooden handle
Seziermesser mit Holzheft
Cuchillos para autopsia con mango de madera
Couteaux à autopsie avec manche en bois
Coltelli per autopsia con manico di legno



Walb

03-532-26	26 cm - 10 ¼”	x=11 cm - 4 ¼"
03-532-29	29 cm - 11 ½”	x=14 cm - 5 ½"
03-532-31	31 cm - 12 ¼”	x=17 cm - 6 ¾"

Post mortem knives with wooden handle
Organmesser mit Holzheft
Cuchillos para organos, con mango de madera
Couteaux à organs avec manche en bois
Coltelli per organi, con manico di legno



Virchow

03-533-26	26 cm - 10 ¼”	x=16 cm - 6 ¼”
03-533-33	33.5 cm -13 ¼”	x=20 cm - 8"
03-533-38	38 cm - 15 "	x=24 cm - 9 ½”

Brain knives with metal handle
Hirnmesser mit Metallheft
Cuchillos para el cerebro, con mango metálico
Couteaux pour le cerveau, avec manche en métal
Coltelli per cervello, con manico di metallo



Collin

Fig. 1

03-534-13	x = 13 cm
03-534-16	x = 16 cm
03-534-19	x = 19 cm
03-534-22	x = 22 cm

double cutting edge
doppelschneidend
corta doble
double tranchant
a doppio taglio

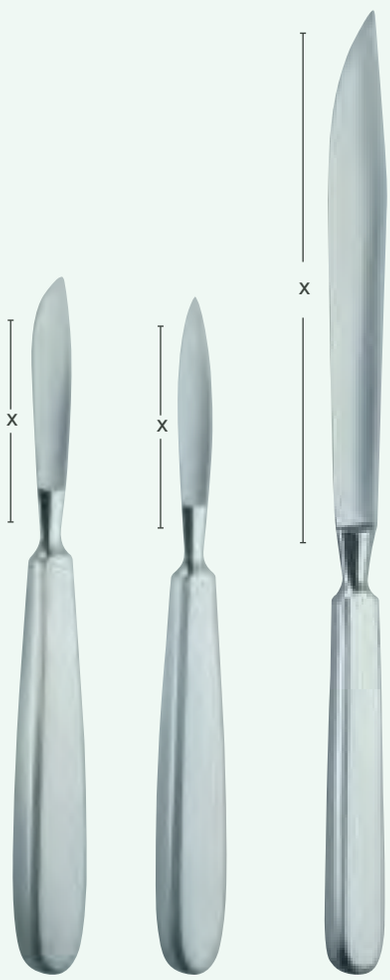


Catlin

Fig. 2

03-535-29	29 cm - 11 ½"

x = 16 cm
double cutting edge
doppelschneidend
corta doble
double tranchant
a doppio taglio



Langenbeck

Fig. 1	Fig. 2	Fig. 3
03-536-05	03-537-05	03-538-12
x = 5.5 cm	x = 5.5 cm	x = 12 cm



Thiersch

03-540-20

20 cm - 8"



Schink

03-541-30

30 cm - 12"

Complete with 1 blade and 2 plates
Komplett mit 1 Klinge und 2 Spannhaltern
Completo con 1 hoja y 2 placas
Complèt avec 1 lame et 2 plaques
Completo con 1 lama e 2 placche



Blade

03-542-01

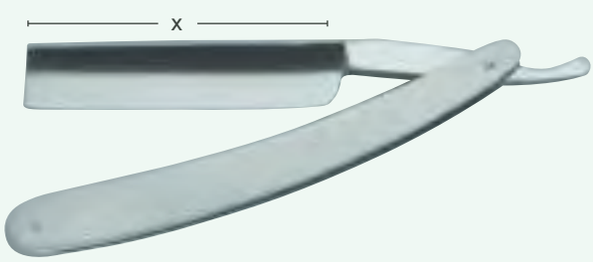
Spare blade
Klinge
Hoja de cambio
Lame de rechange
Lama di ricambio



Plate

03-543-02

Skin fixing plate
Spannplatte
Placa para extender la piel
Plaque pour tendre la peau
Placca per stendere la pelle



03-539-08

x = 8 cm
Sharp

Razor knife
Rasiermesser
Navaja de afeitar
Rasoir
Rasoio a mano libera





Blade

03-544-00

spare blade
Ersatzklinge
hoja de cambio
lame de rechange
lama di ricambio

package of 10 pieces
Packung mit 10 Stück
paquete de 10 piezas
paquet de 10 pièces
confezione da 10 pezzi







Humby

03-545-31

31 cm - 12 ¼"

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

Watson

03-546-30

30 cm - 12 "

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

Watson - Modified

03-548-30

30 cm - 12"

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

Silver

03-547-19

19 cm - 7 ½"

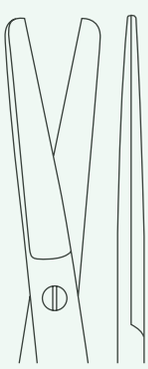


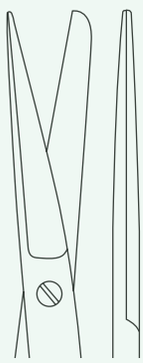
04

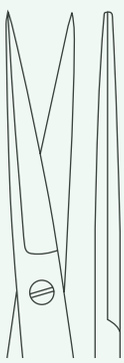
Scissors
Schere
Tijeras
Ciseaux
Forbici

surgimax™
saving lives





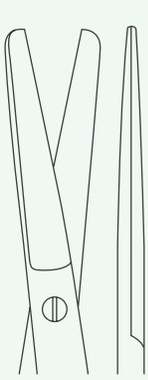


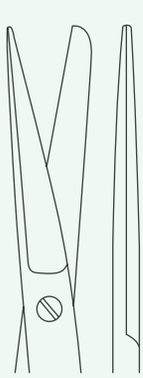


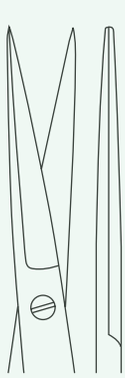
Standard

04-180-10	04-181-10	04-182-10 10.5 cm - 4 ¼
04-180-11	04-181-11	04-182-11 11.5 cm - 4 ½
04-180-13	04-181-13	04-182-13 13 cm - 5”
04-180-14	04-181-14	04-182-14 14.5 cm - 5 ¼
04-180-15	04-181-15	04-182-15 15 cm - 6”
04-180-16	04-181-16	04-182-16 16.5 cm - 6 ½
04-180-17	04-181-17	04-182-17 17.5 cm - 7”
04-180-18	04-181-18	04-182-18 18.5 cm - 7 ¼
04-180-20	04-181-20	04-182-20 20 cm - 8”





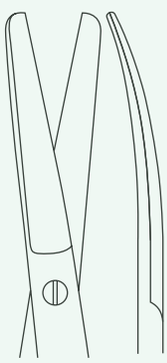


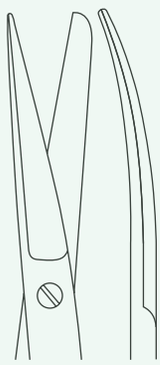


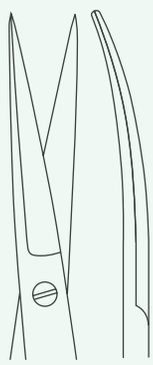
Standard

04-183-14T	04-184-14T	04-185-14T 14.5 cm - 5 ¾”
04-183-16T	04-184-16T	04-185-16T 16.5 cm - 6 ½”
04-186-14S	04-187-14S	04-188-14S 14.5 cm - 5 ¾”
04-186-13S	04-187-13S	04-188-13S 13 cm - 5”





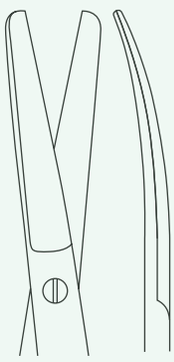


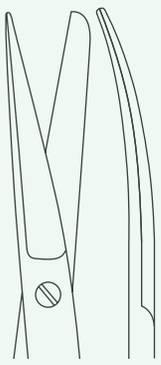


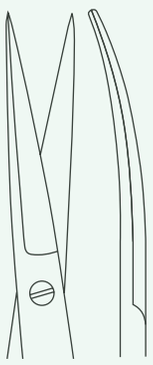
Standard

04-189-11	04-190-11	04-191-11 11.5 cm - 4 ½
04-189-13	04-190-13	04-191-13 13 cm - 5”
04-189-14	04-190-14	04-191-14 14.5 cm - 5 ¼
04-189-15	04-190-15	04-191-15 15 cm - 6”
04-189-16	04-190-16	04-191-16 16.5 cm - 6 ½
04-189-17	04-190-17	04-191-17 17.5 cm - 7”
04-189-18	04-190-18	04-191-18 18.5 cm - 7 ¼
04-189-20	04-190-20	04-191-20 20 cm - 8”





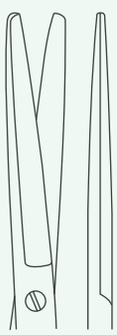


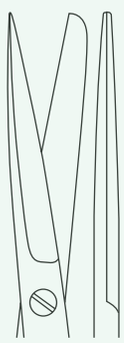


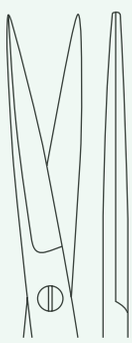
Standard

04-192-14T	04-193-14T	04-194-14T 14.5 cm - 5 ¾”
04-192-16T	04-193-16T	04-194-16T 16.5 cm - 6 ½”
04-195-14S	04-196-14S	04-194-16S 14.5 cm - 5 ¾”





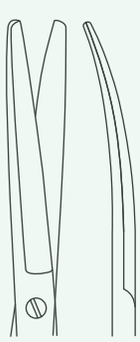


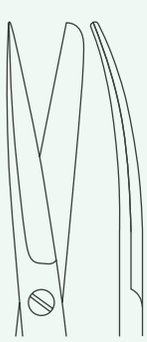


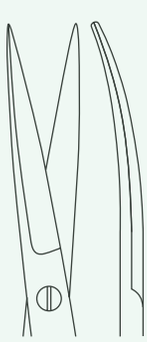
Grazil

04-197-13	04-198-13	04-199-13 13 cm - 5”
04-197-14	04-198-14	04-199-14 14.5 cm - 5 ¾
04-197-13T	04-198-13T	04-199-13T 14.5 cm - 5 ¾
04-197-13S	04-198-13S	04-199-13S 14.5 cm - 5 ¾





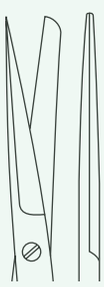


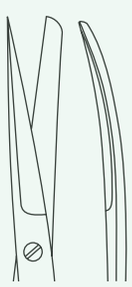


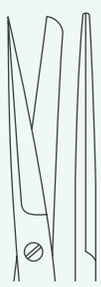
Grazil

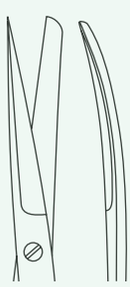
04-200-13	04-201-13	04-202-13 13 cm - 5”
04-200-14	04-201-14	04-202-14 14.5 cm - 5 ¾
04-200-14T	04-201-14T	04-202-14T 14.5 cm - 5 ¾
04-200-14S	04-201-14S	04-202-14S 14.5 cm - 5 ¾







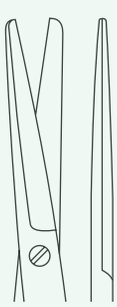


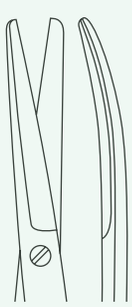


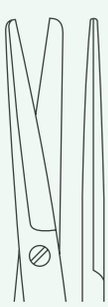
Deaver

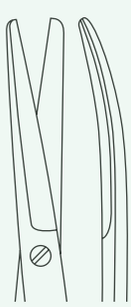
04-203-14	04-204-14	04-205-14	04-206-14 14 cm - 5 ½
straight gerade recta droits	curved gebogen curva courbes	straight, saw edge gerade, gezahnt recta, dentada droits, dentelés	curved, saw edge gebogen, gezahnt curva, dentada courbes, dentelés







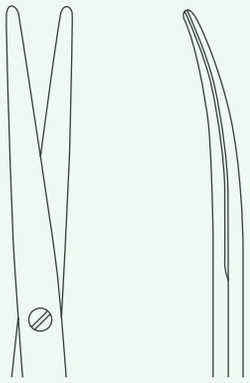




Mixter

04-207-15	04-208-15	04-209-15	04-210-15 15.5 cm - 6 ⅛”
straight gerade recta droits	curved gebogen curva courbes	straight, saw edge gerade, gezahnt recta, dentada droits, dentelés	curved, saw edge gebogen, gezahnt curva, dentada courbes, dentelés

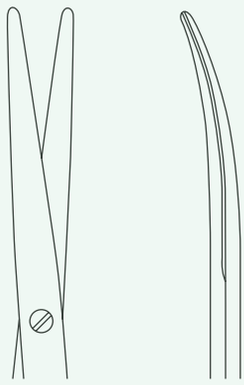




Lexer

04-211-16	04-212-16
16 cm - 6 ¼”	16 cm - 6 ¼”
04-211-21	04-212-21
21 cm - 8 ¼”	21 cm - 8 ¼”

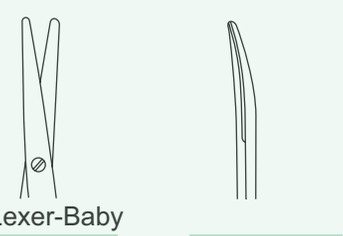




Lexer

04-213-16T	04-214-16T
16.5 cm - 6 ½”	16.5 cm - 6 ½”
04-213-21T	04-214-21T
21 cm - 8 ¼”	21 cm - 8 ¼”
04-215-16S	04-216-16S
16.5 cm - 6 ½”	16.5 cm - 6 ½”
04-215-21S	04-216-21S
21 cm - 8 ¼”	21 cm - 8 ¼”

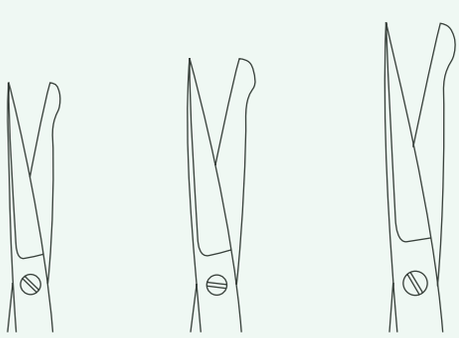




Lexer-Baby

04-217-10	04-218-10	04-219-10	04-220-10 10 cm / 4”
straight gerade recta droits	curved gebogen curva courbes	straight, saw edge gerade, gezahnt recta, dentada droits, dentelés	curved, saw edge gebogen, gezahnt curva, dentada courbes, dentelés





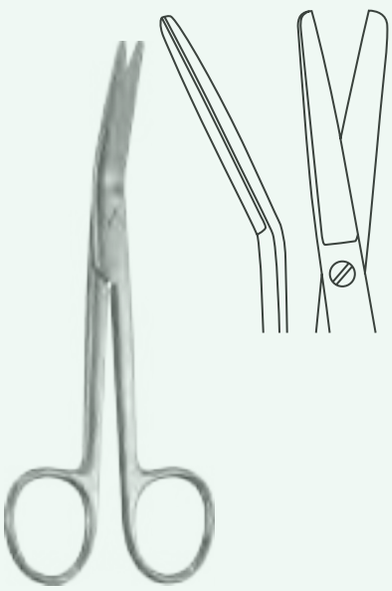
Incision

04-221-13	04-221-14	04-221-16
13 cm - 5”	14.5 cm - 5 ¼”	16.5 cm - 6 ½”



Incision - Modified

04-222-16
16.5 cm - 6 ½”



Fergusson

04-223-14
14 cm - 5 ½”
04-223-16
16.5 cm - 6 ½”
04-223-18
18 cm - 7”



Richter

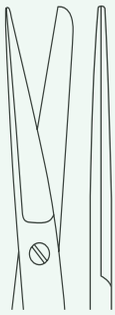
04-224-14
14 cm - 5 ½”

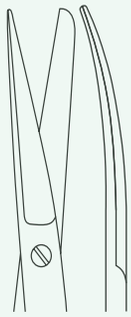


Lawson Tait

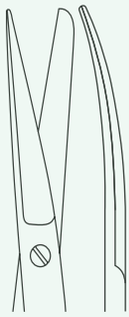
04-225-12
12.5 cm - 5”





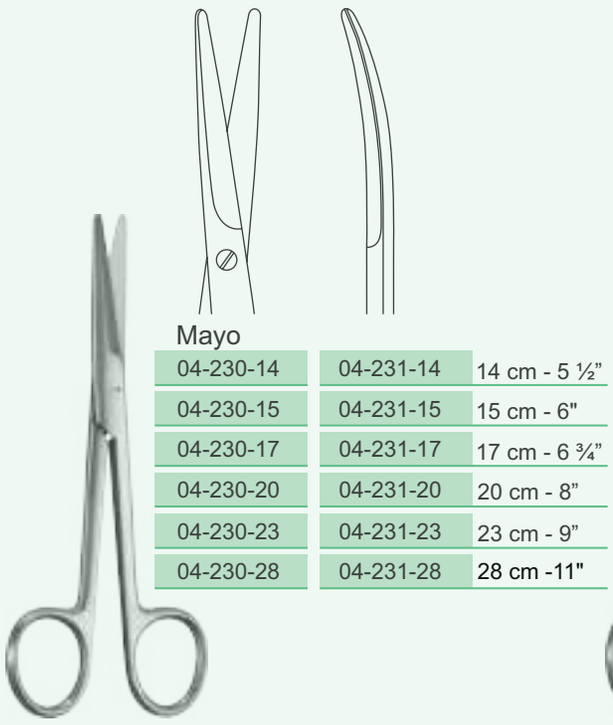






Lange

04-226-14	04-227-14	04-228-14	04-229-14 14.5 cm - 5 ¾
straight gerade recta droits	curved gebogen curva courbes	straight, saw edge gerade, gezahnt recta, dentada droits, dentelés	curved, saw edge gebogen, gezahnt curva, dentada courbes, dentelés



Mayo

04-230-14	04-231-14	14 cm - 5 ½”
04-230-15	04-231-15	15 cm - 6"
04-230-17	04-231-17	17 cm - 6 ¾”
04-230-20	04-231-20	20 cm - 8”
04-230-23	04-231-23	23 cm - 9”
04-230-28	04-231-28	28 cm -11"



Mayo-Stille

04-232-15	04-233-15	04-233-15B	15 cm - 6"
04-232-17	04-233-17	04-233-17B	17 cm - 6 ¾”
04-232-19	04-233-19	04-233-19B	19 cm - 7 ½”
04-232-21	04-233-21	04-233-21B	21 cm - 8 ¼"
04-232-23	04-233-23	04-233-23B	23 cm - 9"



Mayo

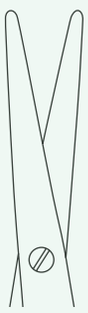
04-234-14T	04-335-14T
14 cm - 5 ½”	14 cm - 5 ½”
04-234-17T	04-335-17T
17 cm - 6 ¾”	17 cm - 6 ¾”
04-234-23T	04-335-23T
23 cm - 9”	23 cm - 9”
04-236-14S	04-237-14S
14 cm - 5 ½”	14 cm - 5 ½”
04-236-17S	04-237-17S
17 cm - 6 ¾”	17 cm - 6 ¾”
04-236-23S	04-237-23S
23 cm - 9”	23 cm - 9”
04-236-25S	04-237-25S
25 cm - 10”	25 cm - 10”



Mayo-Stille

04-238-15T	04-239-15T	
15 cm - 6”	15 cm - 6”	
04-238-17T	04-239-17T	04-240-17T
17 cm - 6 ¾”	17 cm - 6 ¾”	17 cm - 6 ¾”
04-241-15S	04-242-15S	
15 cm - 6”	15 cm - 6”	
04-241-17S	04-242-17S	
17 cm - 6 ¾”	17 cm - 6 ¾”	



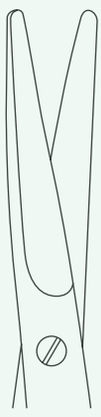


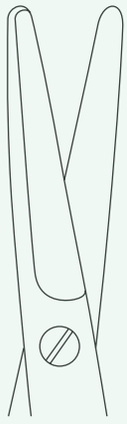


Mayo-Lexer

04-243-16T	04-244-16T
16.5 cm - 6 ½”	16.5 cm - 6 ½”
04-245-16S	04-246-16S
16.5 cm - 6 ½”	16.5 cm - 6 ½”







Mayo

04-247-18S	04-248-23S
18 cm - 7”	23 cm - 9”

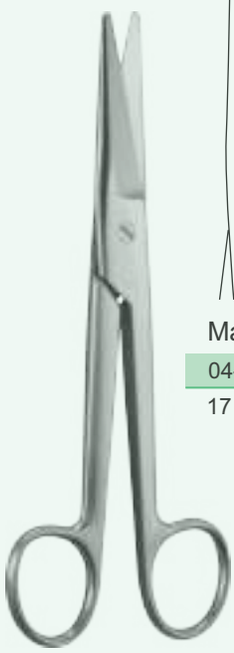


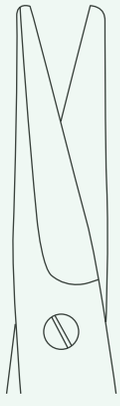


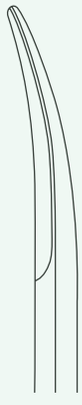


Mayo-Harrington

04-249-20	04-250-20
20 cm - 8”	20 cm - 8”
04-249-23	04-250-23
23 cm - 9”	23 cm - 9”
04-249-20T	04-250-20T
20 cm - 8”	20 cm - 8”
04-249-23T	04-250-23T
23 cm - 9”	23 cm - 9”
04-249-30S	04-250-30S
30 cm - 12”	30 cm - 12”



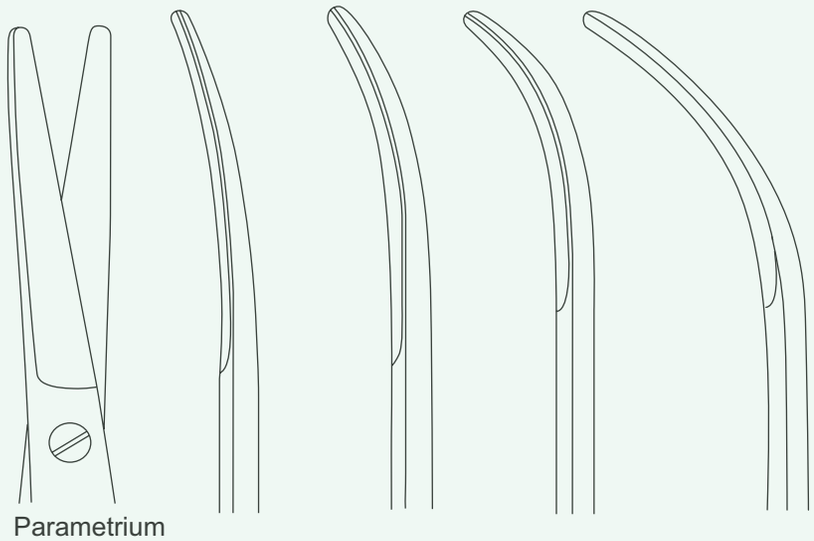




Mayo-Noble

04-351-17	04-352-17
17 cm - 6 ¾”	17 cm - 6 ¾”

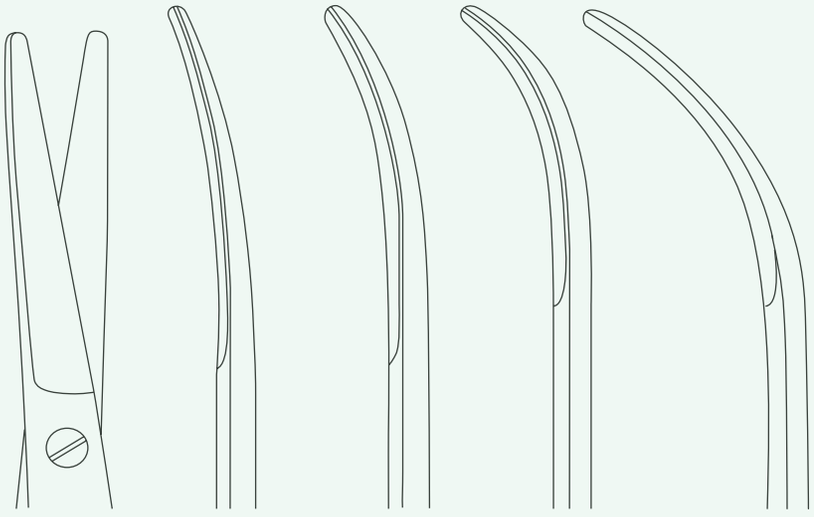




Parametrium

04-249-23	04-250-23	04-251-23	04-252-23	04-253-23	23 cm - 9”

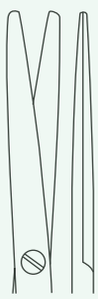




Parametrium

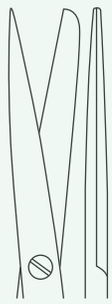
04-254-23T	04-255-23T	04-256-23T	04-257-23T	04-258-23T	23 cm - 9”
04-254-28T	04-255-28T	04-256-28T	04-257-28T	04-258-28T	28 cm - 11”
04-254-32T	04-255-32T	04-256-32T	04-257-32T	04-258-32T	32 cm - 12”



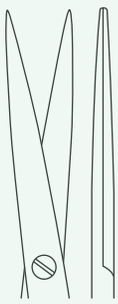


Metzenbaum

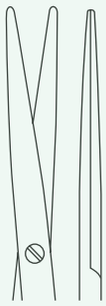
04-259-14
14.5 cm - 5 ¾”
04-259-15
15 cm - 6”
04-259-18
18 cm - 7”
04-259-20
20 cm - 8”
04-259-23
23 cm - 9”
04-259-25
25 cm - 10”
04-259-28
28 cm - 11”
04-259-30
30 cm - 12”



04-260-14
14.5 cm - 5 ¾”



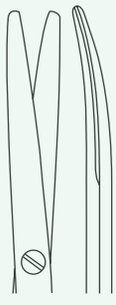
04-261-14
14.5 cm - 5 ¾”
04-261-18
18 cm - 7”



04-262-14
14.5 cm - 5 ¾”
04-262-18
18 cm - 7”
04-262-20
20 cm - 8”
04-262-23
23 cm - 9”

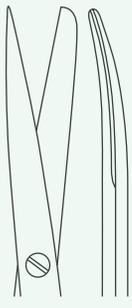
fine
fein
multa
amende



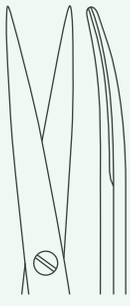


Metzenbaum

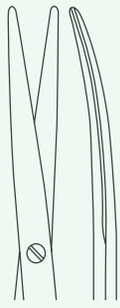
04-263-14
14.5 cm - 5 ¾”
04-263-15
15 cm - 5 ¾”
04-263-18
18 cm - 7”
04-263-20
20 cm - 8”
04-263-23
23 cm - 9”
04-263-25
25 cm - 10”
04-263-28
28 cm - 11”
04-263-30
30 cm - 12”



04-264-14
14.5 cm - 5 ¾”



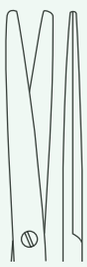
04-265-14
14.5 cm - 5 ¾”
04-265-18
18 cm - 7”
04-265-20
20 cm - 8”



04-266-14
14.5 cm - 5 ¾”
04-266-18
18 cm - 7”
04-266-20
20 cm - 8”
04-266-23
23 cm - 9”

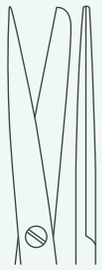
fine
fein
multa
amende



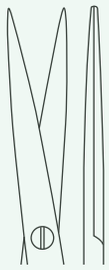


Metzenbaum

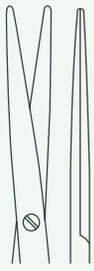
04-266-11T	04-267-23T
11.5 cm - 4 ½”	23 cm - 9”
04-266-14T	04-267-25T
14.5 cm - 5 ¾”	25 cm - 10”
04-266-18T	04-267-28T
18 cm - 7”	28 cm - 11”
04-266-20T	04-267-30T
20 cm - 8”	30 cm - 12”
04-268-11S	04-269-18S
11.5 cm - 4 ½”	18 cm - 7”
04-268-14S	04-269-20S
14.5 cm - 5 ¾”	20 cm - 8”
04-268-16S	
16 cm - 6 ¼”	



04-270-14T
14.5 cm / 5 ¾”



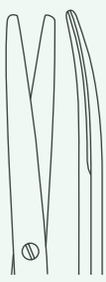
04-271-14T
14.5 cm / 5 ¾”



04-272-14T	04-273-14S	04-274-14T
14.5 cm - 5 ¾”	14.5 cm - 5 ¾”	14.5 cm / 5 ¾”
04-272-18T	04-273-17S	04-274-18T
18 cm - 7”	17 cm - 6 ¾”	18 cm - 7”
04-272-20T	04-273-18S	04-274-23T
20 cm - 8”	18 cm - 7”	23 cm - 9”
04-272-23T		
23 cm - 9”		
04-272-25T		
25 cm - 10”		
04-272-28T		
28 cm - 11”		
fine fein multa amende		fine fein multa amende

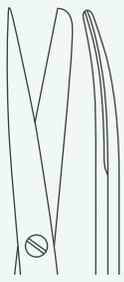




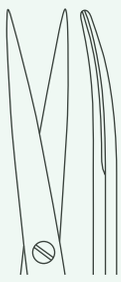


Metzenbaum

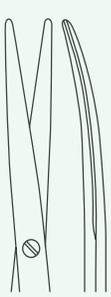
04-275-11T	04-275-33T
11.5 cm - 4 ½”	33 cm - 13”
04-275-14T	04-275-36T
14.5 cm - 5 ¾”	36 cm - 14 ½”
04-275-18T	04-275-38T
18 cm - 7”	38 cm - 15”
04-275-20T	04-276-23S
20 cm - 8”	23 cm - 9”
04-275-23T	04-276-25S
23 cm - 9”	25 cm - 10”
04-275-25T	04-276-28S
25 cm - 10”	28 cm - 11”
04-275-28T	04-276-30S
28 cm - 11”	30 cm - 12”
04-275-30T	04-276-36S
30 cm - 12”	36 cm - 14 ½”

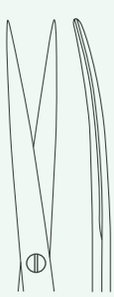


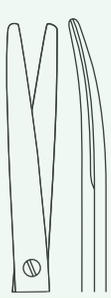
04-277-14T
14.5 cm - 5 ¾”

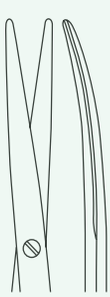


04-278-14T
14.5 cm - 5 ¾”





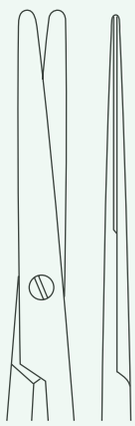


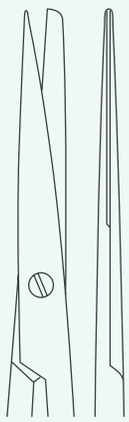


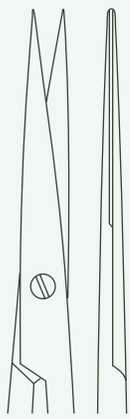


04-280-14S	04-279-14T	04-281-14T	04-282-14T	04-283-14T	04-284-20T
14.5 cm - 5 ¾”	14.5 cm - 5 ¾”	14.5 cm - 5 ¾”	14 cm - 5 ½”	14.5 cm - 5 ¾”	20 cm - 8”
04-280-17S	04-279-18T	04-281-18T	04-282-18T	04-283-18T	04-284-23T
17 cm - 6 ¾”	18 cm - 7”	18 cm - 7”	18 cm - 7”	18 cm - 7”	23 cm - 9”
04-280-18S	04-279-20T	04-281-23T	04-282-20T		04-284-28T
18 cm - 7”	20 cm - 8”	23 cm - 9”	20 cm - 8”		28 cm - 11”
	04-279-23T	04-281-28T	04-282-23T		
	23 cm - 9”	28 cm - 11”	23 cm - 9”		
	04-279-25T	04-281-33T	04-282-25T		
	25 cm - 10”	33 cm - 13”	25 cm - 10”		
	04-279-28T	04-281-36T			
	28 cm - 11”	36 cm - 14 ½”			
	fine fein multa amende	fine fein multa amende	standard, serrated Standard gezackten dentada estándar dentelé norme	fine serrated fein gezackten multa dentada amende dentelé	strong curved stark gebogen muy curvado fortement incurvée









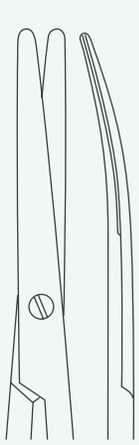
Nelson

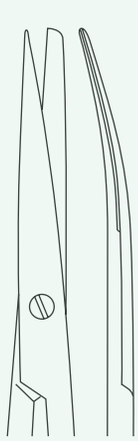
04-284-18	
04-284-20	
04-284-23	
04-284-26	
04-284-28	
04-284-30	

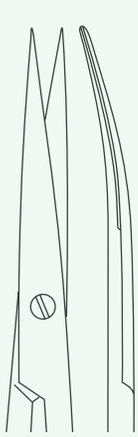
04-285-18	
04-285-20	
04-285-23	
04-285-26	
04-285-28	
04-285-30	

04-286-18	18 cm - 7”
04-286-20	20 cm - 8”
04-286-23	23 cm - 9”
04-286-26	26 cm - 10 ¼”
04-286-28	28 cm - 11”
04-286-30	30 cm - 12”









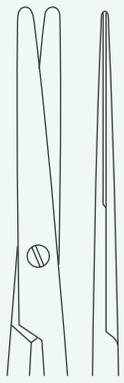
Nelson

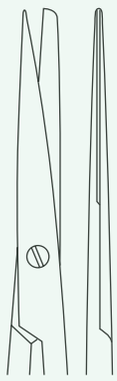
04-284-18A	
04-284-20A	
04-284-23A	
04-284-26A	
04-284-28A	
04-284-30A	

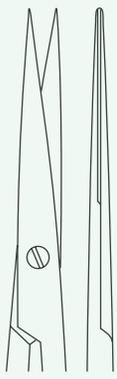
04-284-17B	
04-284-20B	
04-284-23B	
04-284-26B	
04-284-28B	
04-284-30B	

04-285-17C	18 cm - 7”
04-285-20C	20 cm - 8”
04-285-23C	23 cm - 9”
04-285-26C	26 cm - 10 ¼”
04-285-28C	28 cm - 11”
04-285-30C	30 cm - 12”





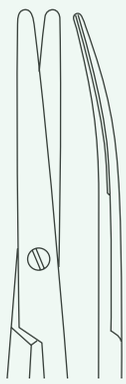


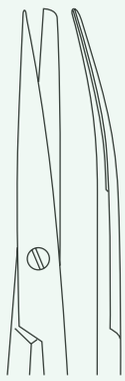


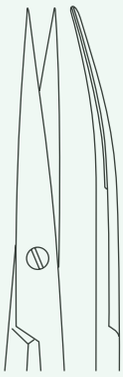
Nelson

04-286-18T	04-287-18T	04-288-18T 18 cm - 7”
04-286-20T	04-287-20T	04-288-20T 20 cm - 8”
04-286-23T	04-287-23T	04-288-23T 23 cm - 9”
04-286-26T	04-287-26T	04-288-26T 26 cm - 10 ¼”
04-286-28T	04-287-28T	04-288-28T 28 cm - 11”
04-286-30T	04-287-30T	04-288-30T 30 cm - 12”
04-289-23S	04-287-23S	04-288-23S 23 cm - 9”
04-289-26S	04-287-26S	04-288-26S 26 cm - 10 ¼”
04-289-30S	04-287-30S	04-288-30S 30 cm - 11 ¾”









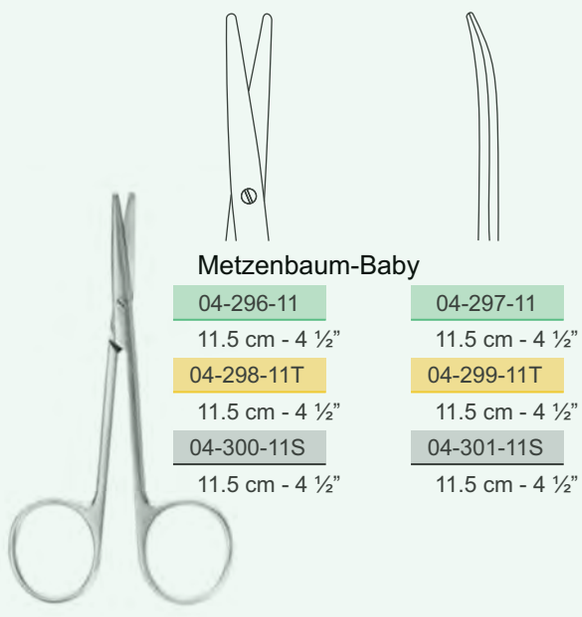
Nelson

04-290-18T	04-291-18T	04-292-18T 18 cm - 7”
04-290-20T	04-291-20T	04-292-20T 20 cm - 8”
04-290-23T	04-291-23T	04-292-23T 23 cm - 9”
04-290-26T	04-291-26T	04-292-26T 26 cm - 10 ¼”
04-290-28T	04-291-28T	04-292-28T 28 cm - 11”
04-290-30T	04-291-30T	04-292-30T 30 cm - 12”
04-293-23S	04-291-23S	04-292-23S 23 cm - 9”
04-293-26S	04-291-26S	04-292-26S 26 cm - 10 ¼”
04-293-30S	04-291-30S	04-292-30S 30 cm - 11 ¾”



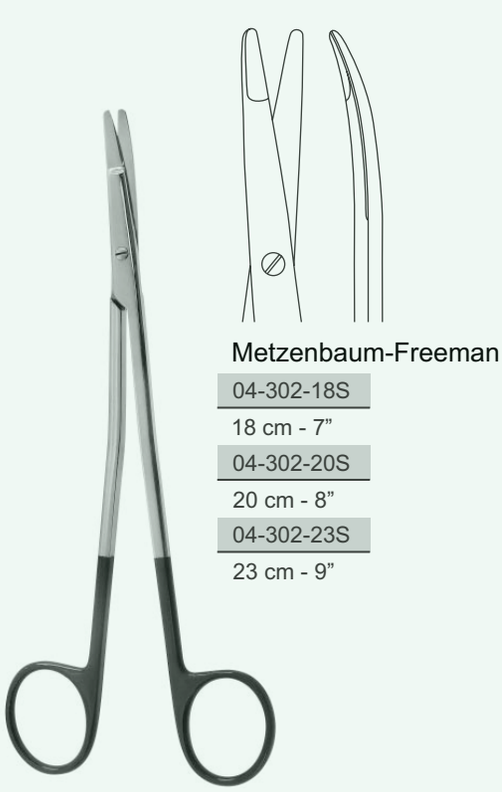
Metzenbaum-Mini

04-294-09	04-295-09S
9 cm - 3 ½”	9 cm - 3 ½”



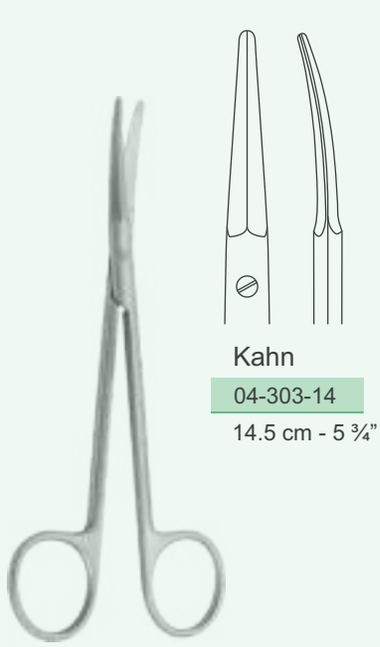
Metzenbaum-Baby

04-296-11	04-297-11
11.5 cm - 4 ½”	11.5 cm - 4 ½”
04-298-11T	04-299-11T
11.5 cm - 4 ½”	11.5 cm - 4 ½”
04-300-11S	04-301-11S
11.5 cm - 4 ½”	11.5 cm - 4 ½”



Metzenbaum-Freeman

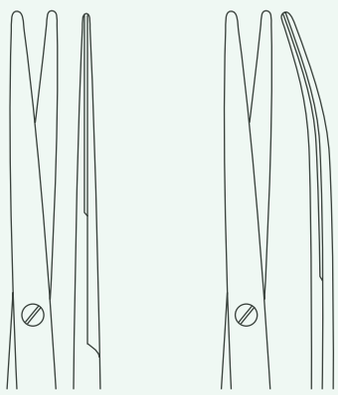
04-302-18S
18 cm - 7”
04-302-20S
20 cm - 8”
04-302-23S
23 cm - 9”



Kahn

04-303-14
14.5 cm - 5 ¾”





Metzenbaum-Fino

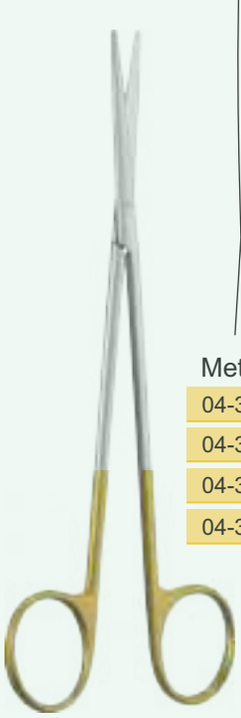
04-325-14	04-326-14	04-327-14	14.5 cm - 5¾”
04-325-18	04-326-18	04-327-18	18 cm - 7”
04-325-22	04-326-22	04-327-22	22 cm - 8”
04-325-23	04-326-23	04-327-23	23 cm - 9”

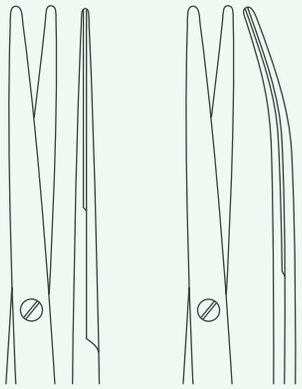
S-curved
S-förmig gebogen
curva en S
courbes en S



Metzenbaum-Lahey

04-304-14T
14.5 cm - 5 ¾”

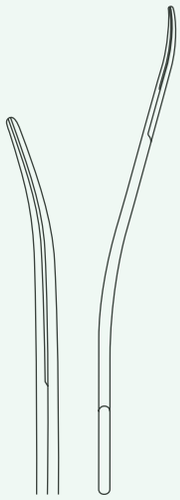




Metzenbaum - Fino

04-328-14T	04-329-14T	14.5 cm - 5¾”
04-328-18T	04-329-18T	18 cm - 7”
04-328-20T	04-329-20T	20 cm - 8”
04-328-23T	04-329-23T	23 cm - 9”

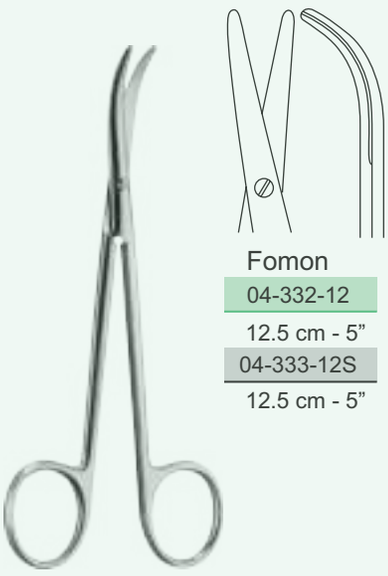




Metzenbaum - Fino

04-330-18T	04-331-18T	18 cm - 7”
04-330-20T	04-331-20T	20 cm - 8”
04-330-23T	04-331-23T	23 cm - 9”

S-curved
S-förmig gebogen
curva en S
courbes en S



Fomon

04-332-12

12.5 cm - 5”

04-333-12S

12.5 cm - 5”



Thorek

04-334-19

19 cm - 7 ½”

04-334-25S

25 cm - 10”



Sweet

04-335-21

21.6 cm - 8 ½”

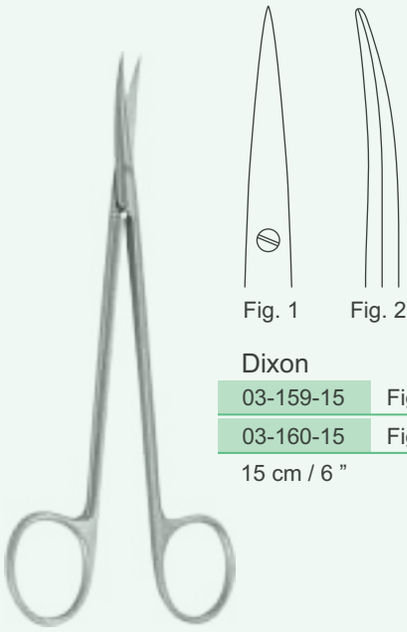


Fig. 1

Fig. 2

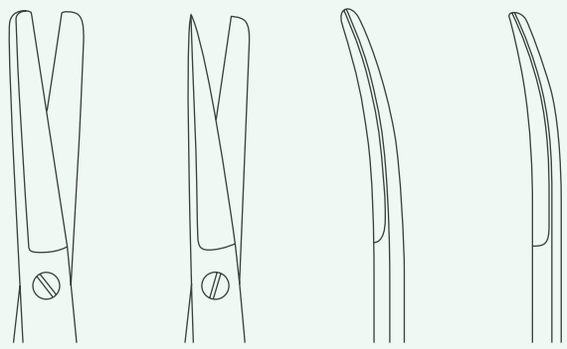
Dixon

03-159-15 Fig. 1

03-160-15 Fig. 2

15 cm / 6 ”

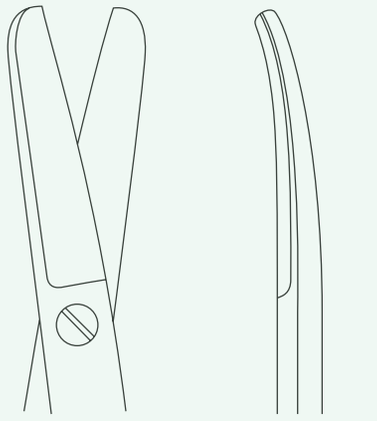




Sims

04-337-20	04-338-20	04-339-20	04-340-20	20 cm - 8”
04-337-23	04-338-23	04-339-23	04-340-23	23 cm - 9”
04-341-20T	04-342-20T	04-343-20T	04-344-20T	20 cm - 8”
04-341-23T	04-342-23T	04-343-23T	04-344-23T	23 cm - 9”
04-345-20S	04-346-20S	04-347-20S	04-348-20S	20 cm - 8”
04-345-23S	04-346-23S	04-347-23S	04-348-23S	23 cm - 9”

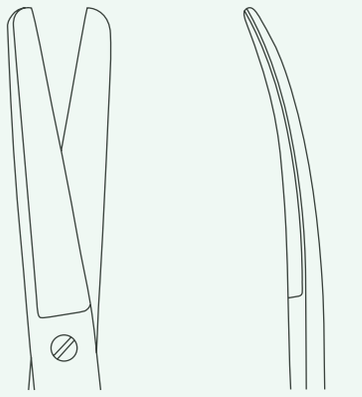




Dubois

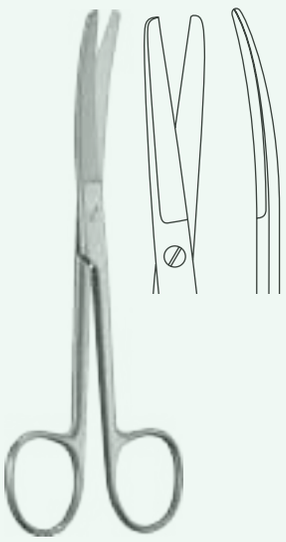
04-349-27	04-350-27
27 cm / 10 ¾”	27 cm / 10 ¾”





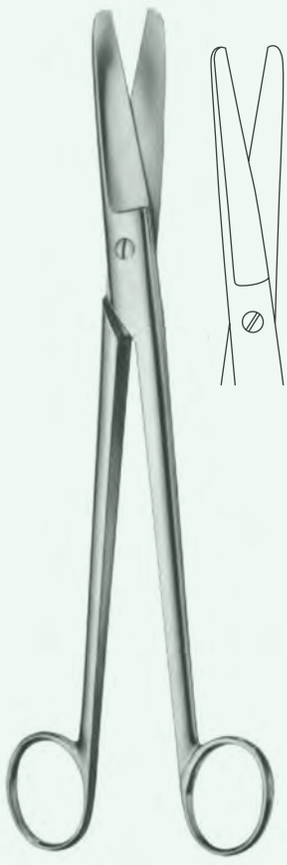
Doyen

04-351-16	04-352-16
16 cm - 6 ¼”	16 cm - 6 ¼”
04-351-18	04-352-18
18 cm - 7 ⅛”	18 cm - 7 ⅛”
04-353-18T	04-354-18T
18 cm - 7 ⅛”	18 cm - 7 ⅛”



Wertheim

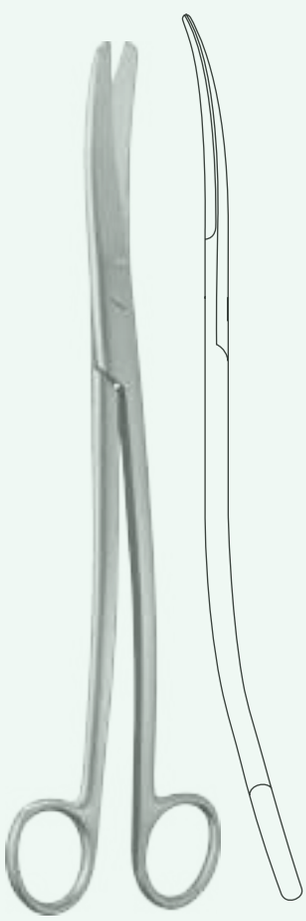
04-305-14	04-304-14
14.5 cm - 5 ¾”	14.5 cm - 5 ¾”
04-305-20	04-304-20
20 cm - 8”	20 cm - 8”
04-305-23	04-304-23
23 cm - 9”	23 cm - 9”



Sims-Siebold

04-355-25

25 cm - 10”

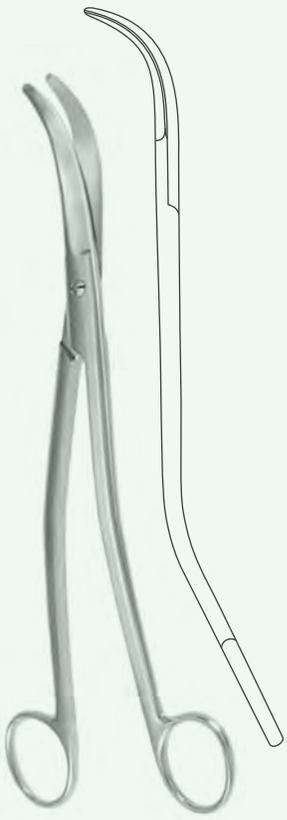


Siebold

04-356-24

24 cm - 9 ½”

S-curved
S-förmig gebogen
curva en S
courbes en S



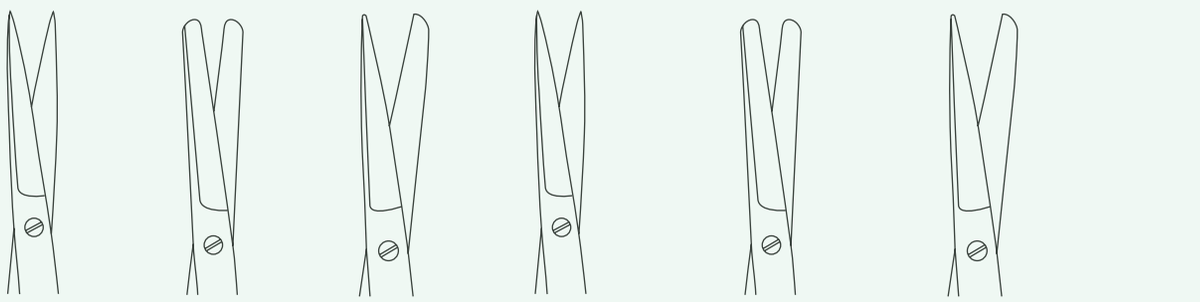
Bozemann

04-357-22

22 cm - 8 ¾”

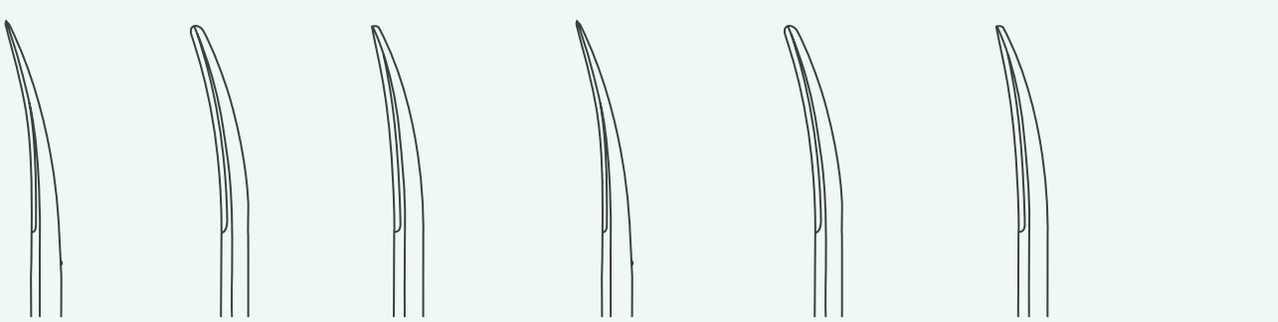
S-curved
S-förmig gebogen
curva en S
courbes en S



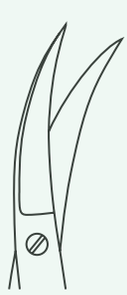


Wagner

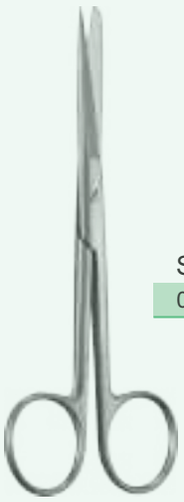
04-358-12	04-359-12	04-360-12	04-361-12	04-362-12	04-363-12 12 cm - 4 ¾”
gerade straight droits recta rette	gerade straight droits recta rette	gerade straight droits recta rette	gerade, gezahnt straight, saw edge droits, dentelés recta, dentada rette, dentate	gerade, gezahnt straight, saw edge droits, dentelés recta, dentada rette, dentate	gerade, gezahnt straight, saw edge droits, dentelés recta, dentada rette, dentate

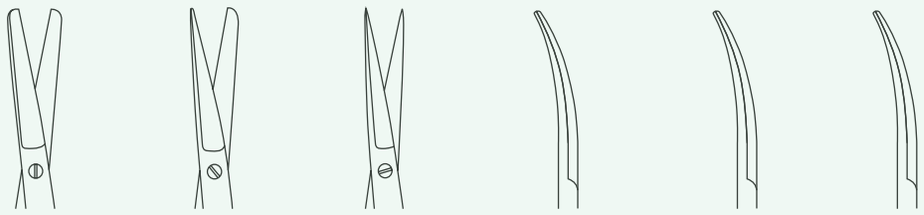


04-364-12	04-365-12	04-366-12	04-367-12	04-368-12	04-369-12 12 cm - 4 ¾”
gebogen curved courbes curva curve	gebogen curved courbes curva curve	gebogen curved courbes curva curve	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate



04-370-10
10.5 cm - 4 ⅛”

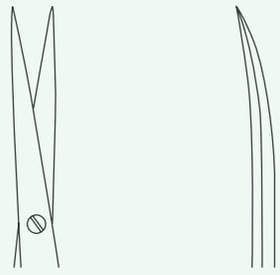




Standard - Fino

04-371-12	04-372-12	04-373-12	04-374-12	04-375-12	04-376-12	12 cm - 4 ¾”

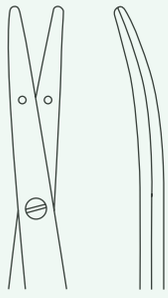




Brophy (Sullivan)

04-377-14	04-378-14
14.5 cm - 5 ¾”	14.5 cm - 5 ¾”

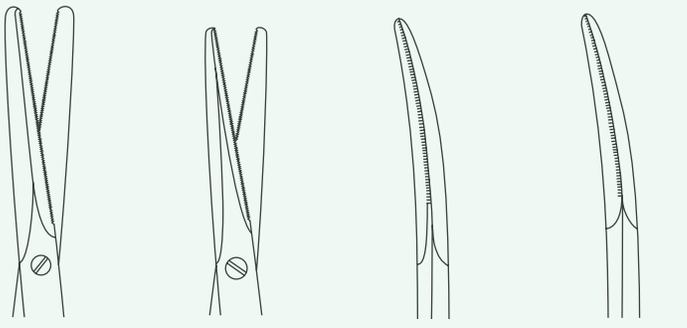




Littler

04-379-12	12 cm / 4 ¾”
04-379-14	14.5 cm / 5 ¾”





Beuse

04-380-14	04-381-18	04-382-14	04-383-18
14 cm / 5 ½”	18 cm / 7 ⅛”	14 cm / 5 ½”	18 cm / 7 ⅛”

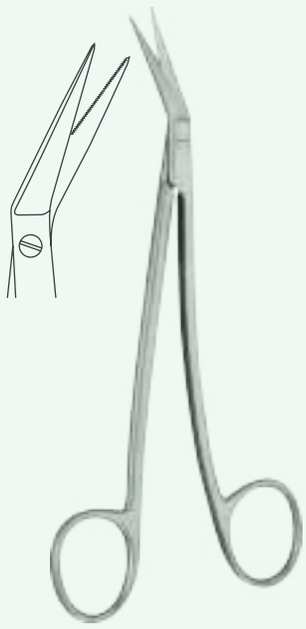


Locklin

04-384-16

16 cm - 6 ⅛”

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



04-385-16

16 cm - 6 ⅛”

curved
gebogen
curva
courbes

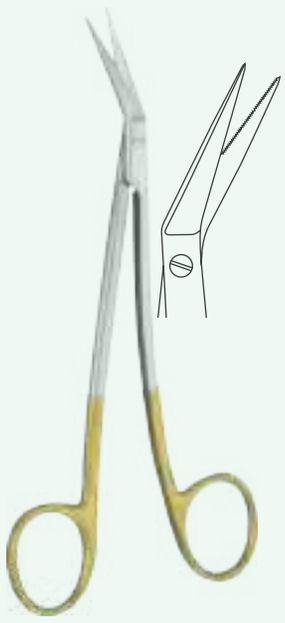


Locklin

04-386-16T

16 cm - 6 ⅛”

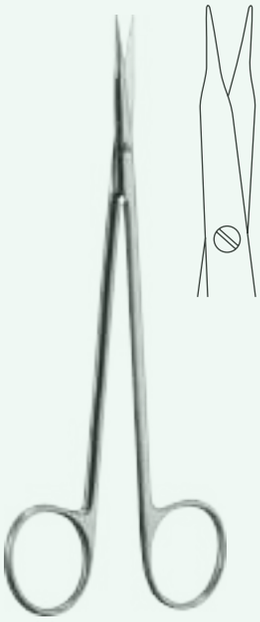
straight, saw edge
gerade, gezahnt
recta, dentada
droits, dentelés



04-387-16T

16 cm - 6 ⅛”

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



Reynolds

04-388-12	04-389-14T
12 cm - 4 ¾”	14 cm - 5 ½”
04-388-14	04-390-12S
14 cm - 5 ½”	12 cm - 4 ¾”
04-388-16	04-390-16S
16 cm - 6 ¼”	16 cm - 6 ¼”
04-388-18	04-390-18S
18 cm - 7”	18 cm - 7”



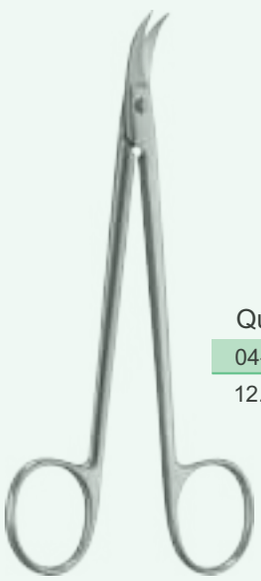
Reynolds

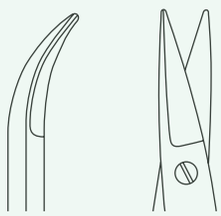
04-391-12	04-392-14T
12 cm - 4 ¾”	14 cm - 5 ½”
04-391-14	04-393-12S
14 cm - 5 ½”	12 cm - 4 ¾”
04-391-16	04-393-16S
16 cm - 6 ¼”	16 cm - 6 ¼”
04-391-18	04-393-18S
18 cm - 7”	18 cm - 7”



Jameson

04-394-15	04-396-14S
15 cm - 6”	14 cm - 5 ½”
04-394-18	04-396-18S
18 cm - 7 ⅛”	18 cm - 7 ⅛”
04-395-14T	04-396-25S
14 cm - 5 ½”	25 cm - 9 ¾”
	04-396-28S
	28 cm - 11”





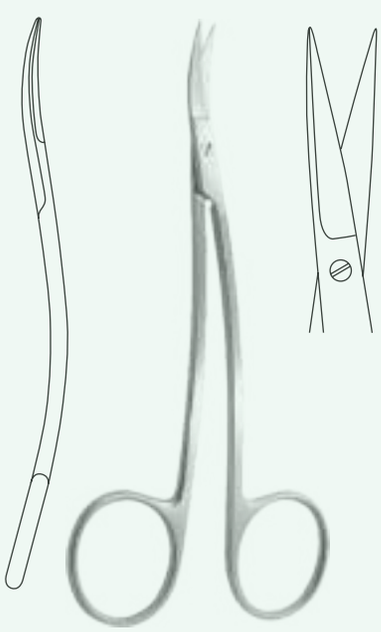
Quinby

04-397-12	04-398-12
12.5 cm - 6”	12.5 cm - 6”



Niro

04-399-14
14 cm - 5 ½”



La Grange

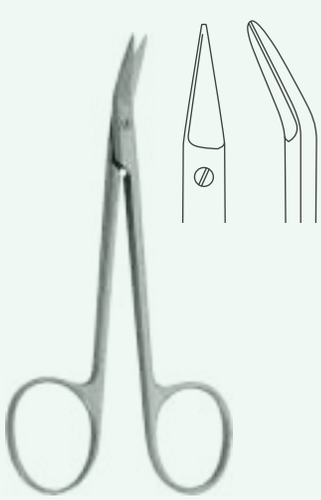
04-400-14
14 cm - 5 ½”



Neumann

04-401-12
12 cm - 4 ¾”

S-curved
S-förmig gebogen
curva en S
courbes en S

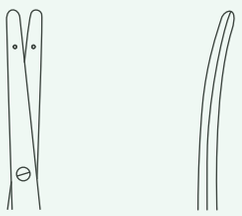


Walter

04-402-10
10 cm - 4”

angled
abgewinkelt
angular
abgewinkelt



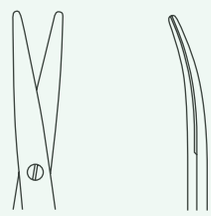


Knapp

04-403-10	04-404-10
10.5 cm - 4 ¼”	10.5 cm - 4 ¼”

blunt
stumpf
roma
mousses

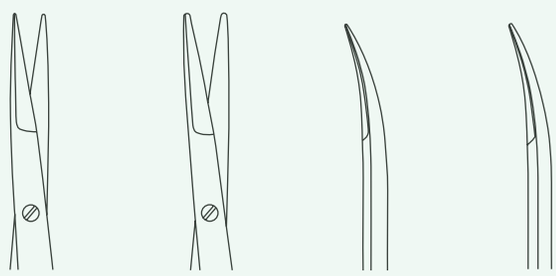




Knapp

04-405-12	04-404-12
12.5 cm - 5”	12.5 cm - 5”
04-407-12T	04-408-12T
12.5 cm - 5”	12.5 cm - 5”
04-409-12S	04-410-12S
12.5 cm - 5”	12.5 cm - 5”

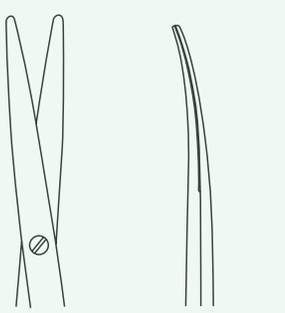




Knapp

04-411-12	04-412-12	04-413-12	04-414-12	12 cm - 4 ¾”
04-415-12S	04-412-12S	04-416-12S	04-414-12S	12 cm - 4 ¾”
sharp spitz puntiagudo pointu	blunt stumpf roma mousses	sharp spitz puntiagudo pointu	blunt stumpf roma mousses	

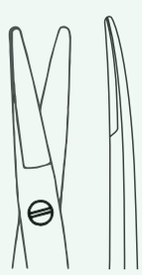




Knapp

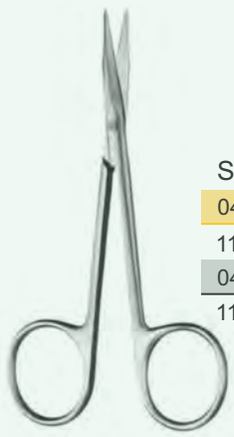
04-417-10	04-418-10
10 cm - 4”	10 cm - 4”





Knapp

04-419-09
9.5 cm - 3 ¾”







Siegert

04-420-11T
11.5 cm - 4 ½”

04-421-11T
11.5 cm - 4 ½”

04-422-11S
11.5 cm - 4 ½”

04-423-11S
11.5 cm - 4 ½”



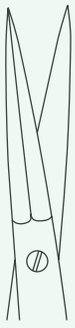


Shea

04-424-12
12 cm - 4 ¾”

04-425-12S
12 cm - 4 ¾”











Peck-Joseph

04-427-14T
14 cm - 5 ½”

04-428-14T
14 cm - 5 ½”

04-429-14T
14 cm - 5 ½”

04-430-14T
14 cm - 5 ½”

04-431-14S
14 cm - 5 ½”

04-432-14S
14 cm - 5 ½”

04-433-14S
14 cm - 5 ½”

04-434-14S
14 cm - 5 ½”











Goldmann-Fox

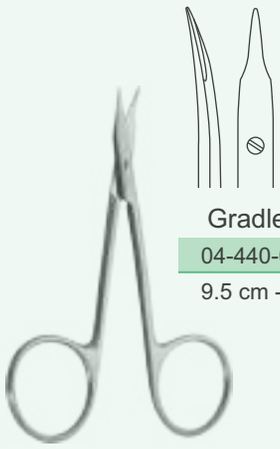
04-435-13
13 cm - 5 ⅛”
Saw edge

04-436-13
13 cm - 5 ⅛”
Saw edge

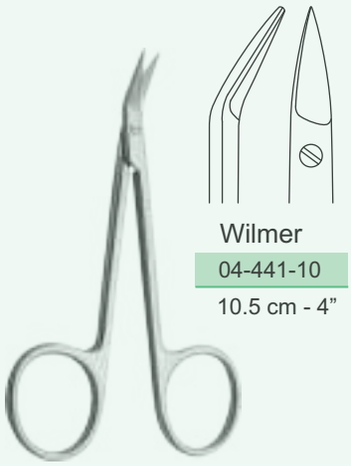
04-437-13T
13 cm - 5 ⅛”

04-438-13T
13 cm - 5 ⅛”

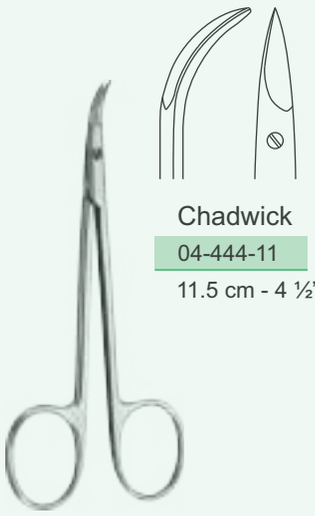
04-439-13S
13 cm - 5 ⅛”



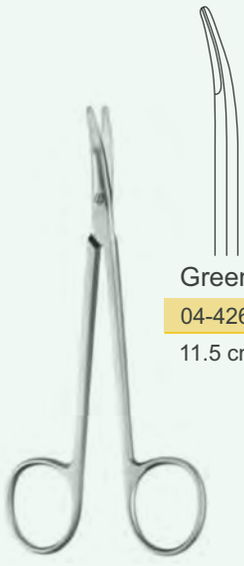
Gradle
04-440-09
9.5 cm - 3 ¾”



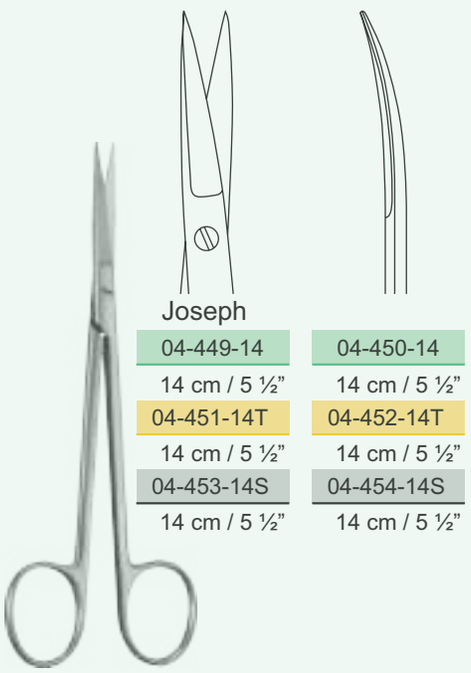
Wilmer
04-441-10
10.5 cm - 4”



Chadwick
04-444-11
11.5 cm - 4 ½”

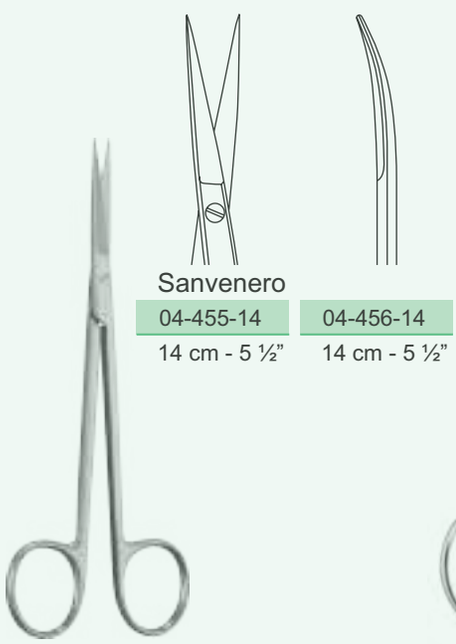


Greenberg Par
04-426-11T
11.5 cm - 4 ½”



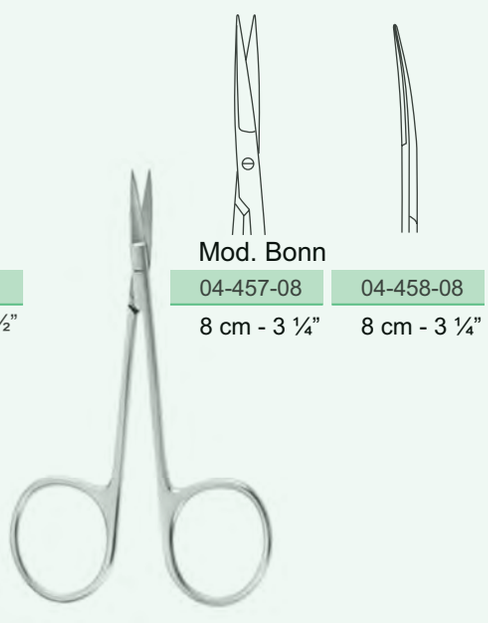
Joseph

straight	
04-449-14	04-450-14
14 cm / 5 ½”	14 cm / 5 ½”
04-451-14T	04-452-14T
14 cm / 5 ½”	14 cm / 5 ½”
04-453-14S	04-454-14S
14 cm / 5 ½”	14 cm / 5 ½”



Sanvenero

straight	
04-455-14	04-456-14
14 cm - 5 ½”	14 cm - 5 ½”



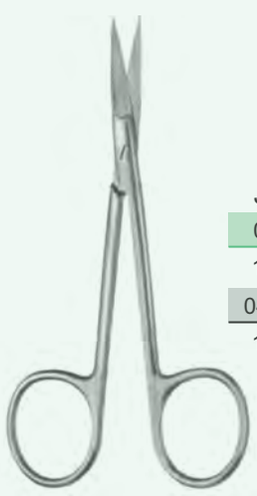
Mod. Bonn

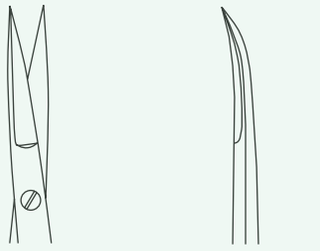
straight	
04-457-08	04-458-08
8 cm - 3 ¼”	8 cm - 3 ¼”



Kilner (Ragnell)

straight	curved	curved	curved	fine
04-459-13	04-460-12	04-461-12T	04-462-12S	04-463-11
13.5 cm - 5”	12 cm - 4 ¾”	12 cm - 4 ¾”	12 cm - 4 ¾”	11 cm - 4 ¼”
	04-460-15	04-461-15T	04-462-15S	
	15 cm - 6 "	15 cm - 6 "	15 cm - 6 "	
	04-460-18	04-461-18T	04-462-18S	
	18 cm - 7 "	18 cm - 7 "	18 cm - 7 "	
			04-462-20S	
			20 cm - 8 "	
			04-462-23S	
			23 cm - 9"	
straight	curved	curved	curved	fine
gerade	gebogen	gebogen	gebogen	fein
recta	curva	curva	curva	multa
droits	courbes	courbes	courbes	amende





Jabaley

04-464-13

13 cm - 5 ⅛”

04-466-13S

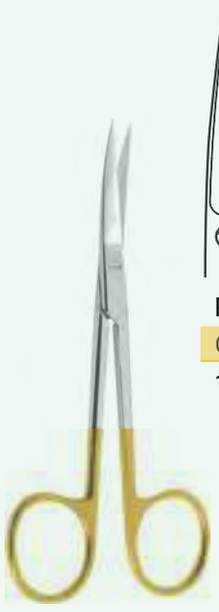
13 cm - 5 ⅛”

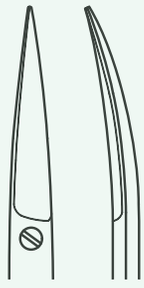
04-465-13

13 cm - 5 ⅛”

04-467-13S

13 cm - 5 ⅛”

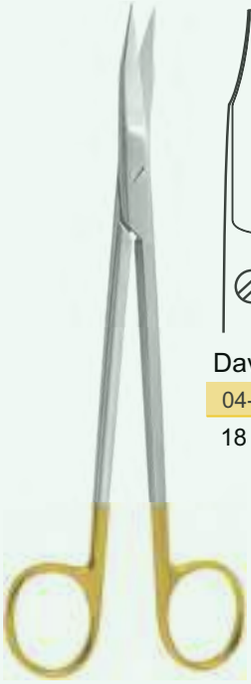


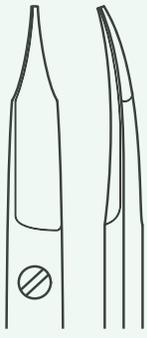


Padgett

04-470-12T

12.5 cm 5”





Davis

04-471-18T

18 cm 7”

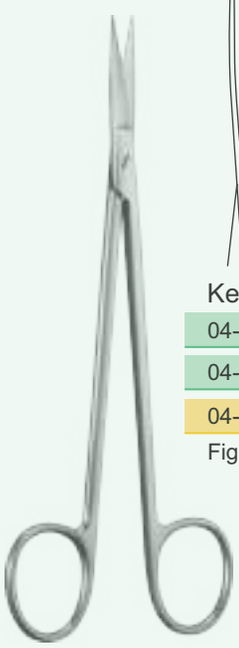




Castanares

04-472-16S

16 cm / 6 ¼”





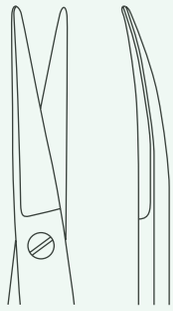




Kelly

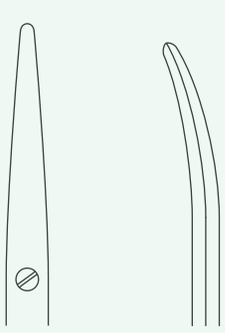
04-473-16	04-474-16	04-475-16	16 cm - 6 ¼”
04-473-18	04-474-18	04-475-18	18 cm - 7”
04-473-16T	04-476-16T	04-477-16T	16 cm - 6 ¼”
Fig. 1	Fig. 2	Fig. 3	





Brüser-Kelly

04-479-16S
16 cm – 6¼˝

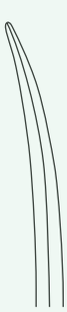


Strabismus

04-480-09	04-481-09	9 cm - 3 ½”
04-480-11	04-481-11	11.5 cm - 4 ¼”







04-482-11	04-483-11	11.5 cm - 4 ¼”
fine fein multa amende	fine fein multa amende	

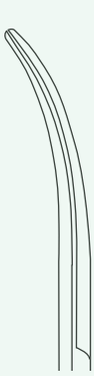


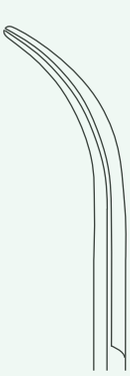


Landoldt

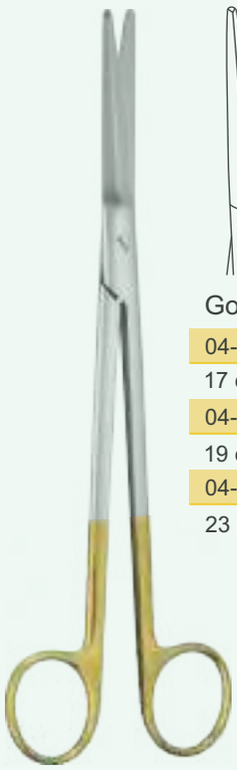
04-484-12	04-485-12	12 cm - 4 ¾”







04-486-12	04-487-12	12 cm - 4 ¾”







Gorney

04-488-17T	04-489-17T
17 cm - 6 ¾ "	17 cm - 6 ¾ "
04-488-19T	04-489-19T
19 cm - 6 ½ "	19 cm - 6 ½ "
04-488-23T	04-489-23T
23 cm - 9 "	23 cm - 9 "



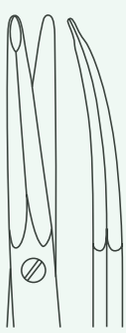




Gorney

04-490-17S	04-491-17S
17 cm - 6 ¾ "	17 cm - 6 ¾ "
04-490-19S	04-491-19S
19 cm - 6 ½ "	19 cm - 6 ½ "
04-490-23S	04-491-23S
23 cm - 9 "	23 cm - 9 "

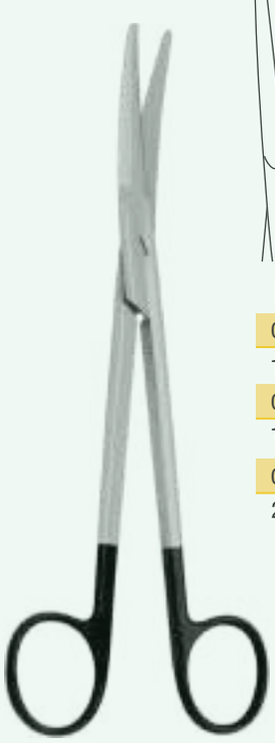


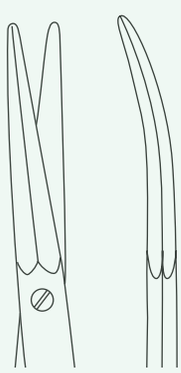


Gorney-Freeman

04-492-17T	04-493-17S
17 cm - 6 ¾ "	17 cm - 6 ¾ "
04-492-19T	04-493-19S
19 cm - 6 ½ "	19 cm - 6 ½ "
04-492-23T	04-493-23S
23 cm - 6 "	23 cm - 6 "

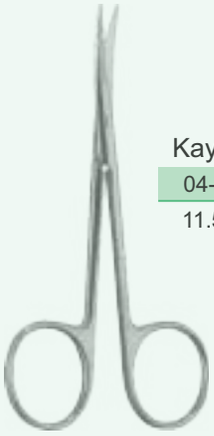
flat tips
flache Spitzen
planes de Puntas
pointes plates



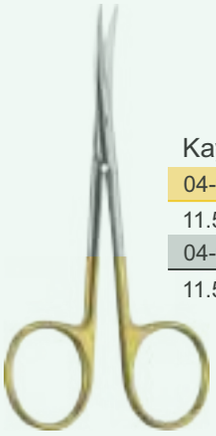


Kaye

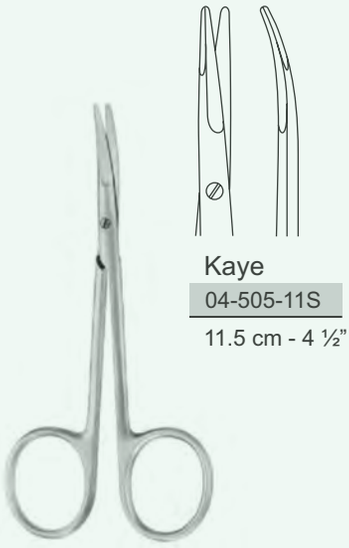
04-499-15T	04-500-15S
15 cm – 6″	15 cm – 6″
04-499-19T	04-500-17S
19 cm – 7½″	17 cm – 6¾″
04-499-23T	04-500-19S
23 cm – 9″	19 cm – 7½″
	04-500-23S
	23 cm – 9″



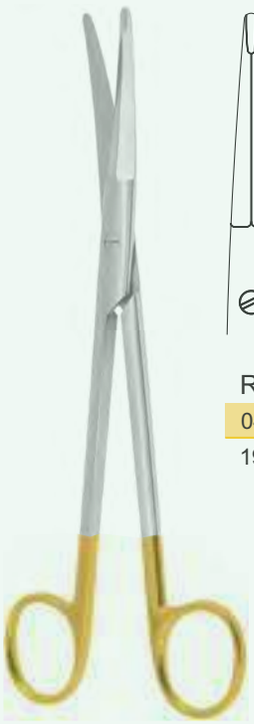
Kaye
04-502-11
11.5 cm - 4 ½ "

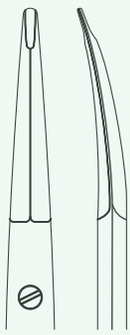


Kaye
04-503-11T
11.5 cm - 4 ½ "
04-504-11S
11.5 cm - 4 ½ "

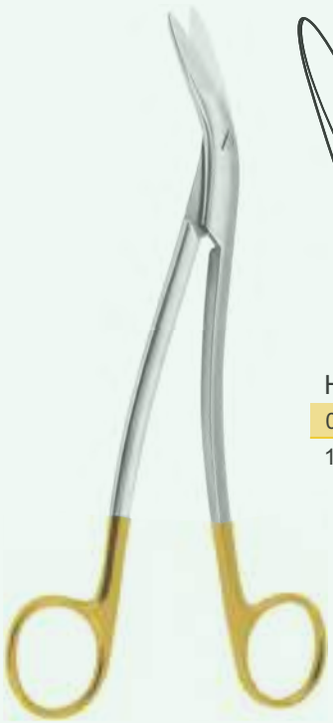


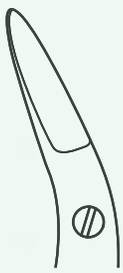
Kaye
04-505-11S
11.5 cm - 4 ½”



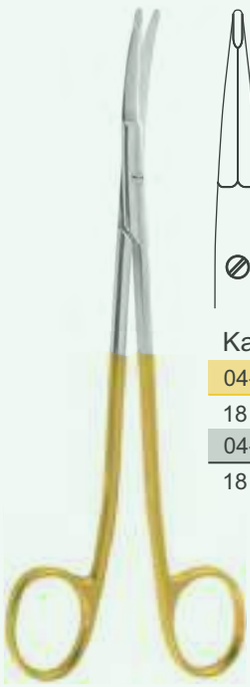


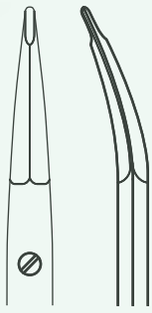
Rees
04-504-19T
19.5 cm - 7 ¾ "



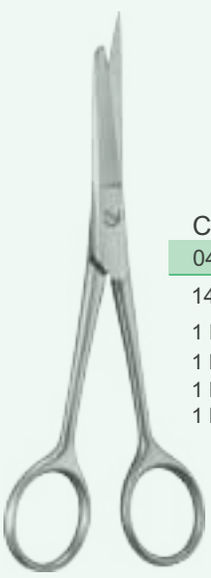


Hinderer
04-507-19T
19.5 cm - 7 ¾ "





Kaye-Freeman
04-508-18T
18 cm - 7 "
04-510-18S
18 cm - 7 "

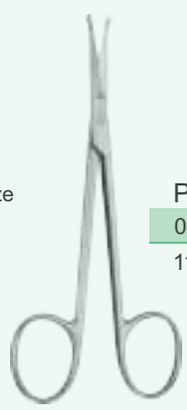


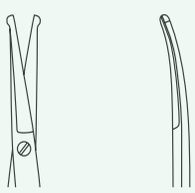
Carlos

04-511-14

14.5 cm - 5 ¾”

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





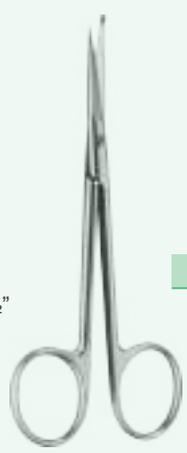
Perwitzschky

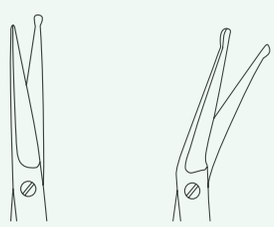
04-512-11

11.5 cm - 4 ½”

04-513-11

11.5 cm - 4 ½”





Perwitzschky

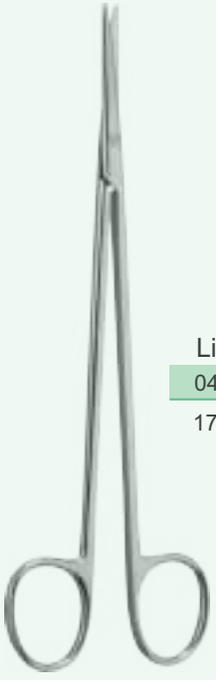
04-514-11

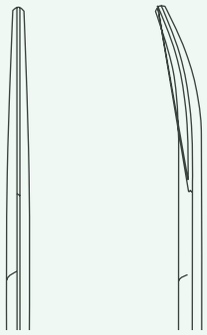
11.5 cm - 4 ½”

04-515-11

11.5 cm - 4 ½”

probe-pointed tip
geknöpfte Spitze
top abotonado
haut boutonné





Lincoln

04-516-17

17 cm - 6 ¾”

04-517-17

17 cm - 6 ¾”

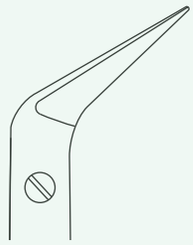


Fulton

04-518-17

17 cm - 6 ¾”





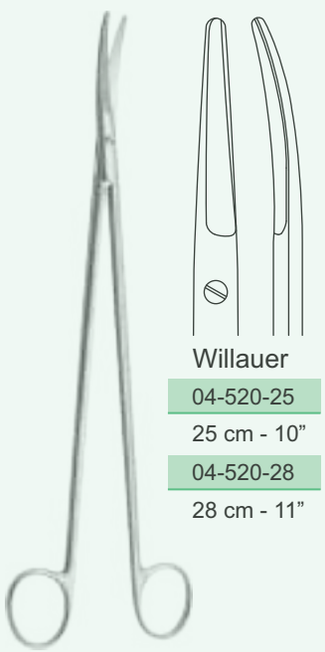
Potts-Smith
(de Martel)

04-519-45 45°

21 cm - 8 ¼”

04-519-60 60°

21 cm - 8 ¼”



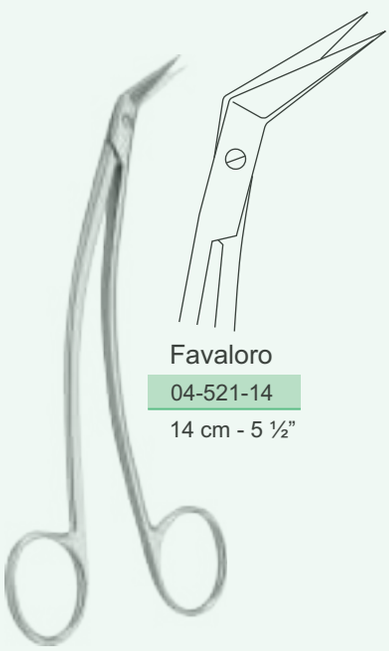
Willauer

04-520-25

25 cm - 10”

04-520-28

28 cm - 11”



Favaloro

04-521-14

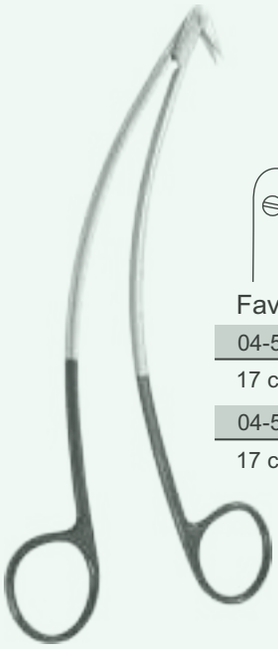
14 cm - 5 ½”



Favaloro

04-522-17 130°

17 cm - 6 ¾”





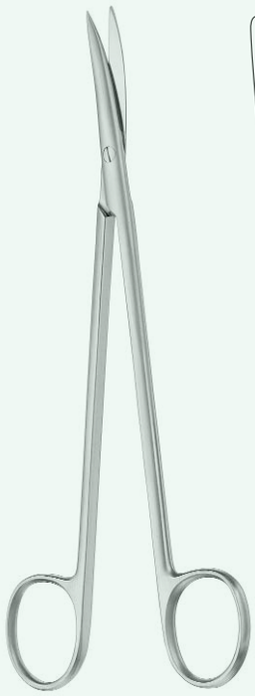
Favaloro

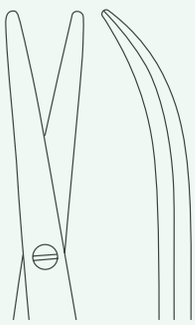
04-523-08S 8 mm

17 cm - 6 ¾”

04-523-12S 12 mm

17 cm - 6 ¾”





DeBakey

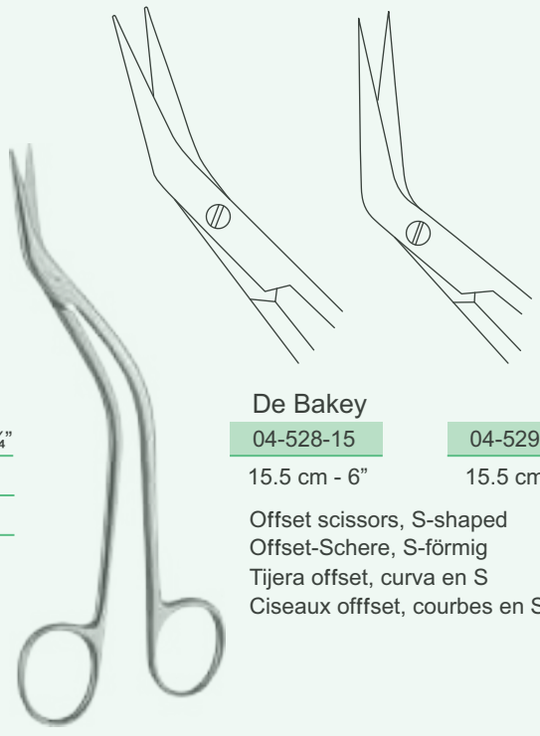
04-524-18

18 cm - 7 ⅛”



De Bakey

04-525-16	04-526-16	04-527-16	16 cm - 6 ¼”
04-525-23	04-526-23	04-527-23	23 cm - 9”
04-525-28	04-526-28	04-527-28	28 cm - 11”



De Bakey

04-528-15	04-529-15
15.5 cm - 6”	15.5 cm - 6”

Offset scissors, S-shaped
Offset-Schere, S-förmig
Tijera offset, curva en S
Ciseaux offfset, courbes en S



De Bakey

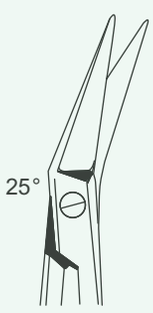
04-530-16T	04-531-16T	04-532-16T	16 cm - 6 ¼ "
04-530-23T	04-531-23T	04-532-23T	23 cm - 9 "
04-530-28T	04-531-28T	04-532-28T	28 cm - 11 "

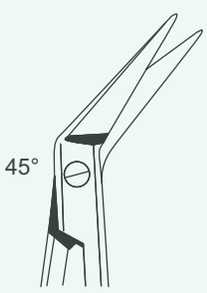


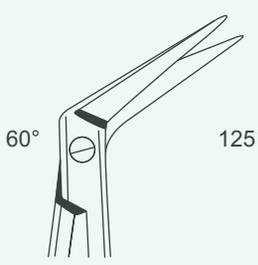
Mills

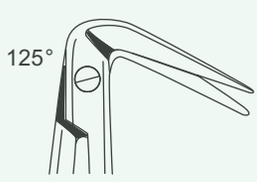
04-533-22
22.5 cm - 8 ¾”







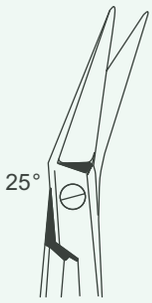


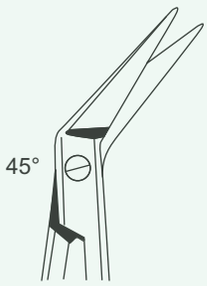


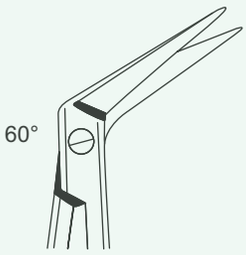
Potts-de Martel

04-534-19	04-535-19	04-536-19	04-537-19	19 cm - 7 ½”





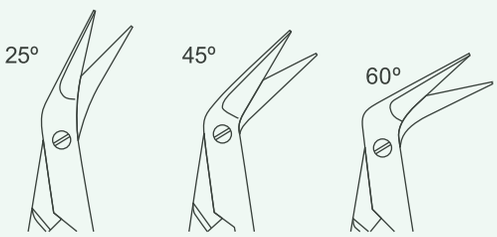




Potts- de Martel

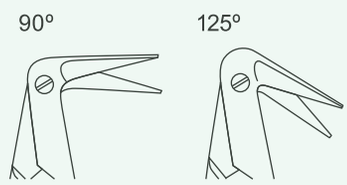
04-538-19T	04-539-19T	04-540-19T	19 cm - 7 ½ "





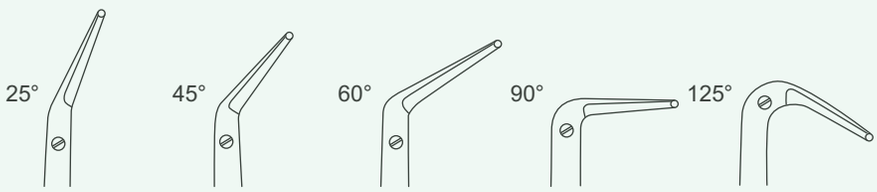
Hegemann - Diethrich

04-541-12	04-542-12	04-543-12	12 cm - 4 ¾”	12 mm
04-541-14	04-542-14	04-543-14	14 cm - 5 ½”	14 mm
04-544-12T	04-545-12T	04-546-12T	12 cm - 4 ¾”	12 mm
04-544-14T	04-545-14T	04-546-14T	14 cm - 5 ½”	14 mm
04-547-12S	04-548-12S	04-549-12S	12 cm - 4 ¾”	12 mm
04-547-14S	04-548-14S	04-549-14S	14 cm - 5 ½”	14 mm



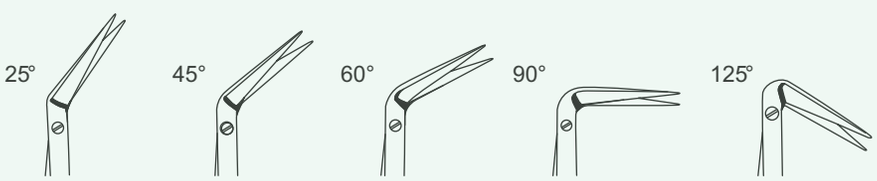
04-550-12	04-551-12	12 cm - 4 ¾”	12 mm
04-550-14	04-551-14	14 cm - 5 ½”	14 mm
04-552-12T	04-553-12T	12 cm - 4 ¾”	12 mm
04-552-14T	04-553-14T	14 cm - 5 ½”	14 mm
04-554-12S	04-553-12S	12 cm - 4 ¾”	12 mm
04-554-14S	04-553-14S	14 cm - 5 ½”	14 mm





Potts - De Martel

04-560-18	04-561-18	04-562-18	04-563-18	04-564-18	18 cm - 7”



04-565-18	04-566-18	04-567-18	04-568-18	04-569-18	18 cm - 7”



Hegemann-Diethrich

04-570-18

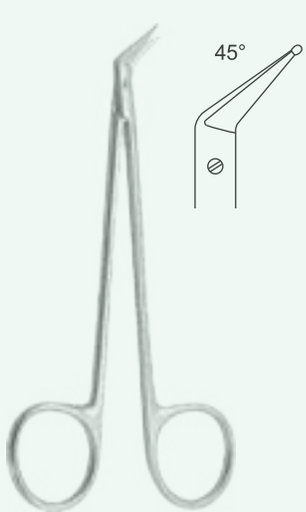
18 cm – 7”



Mattox-Potts

04-571-14

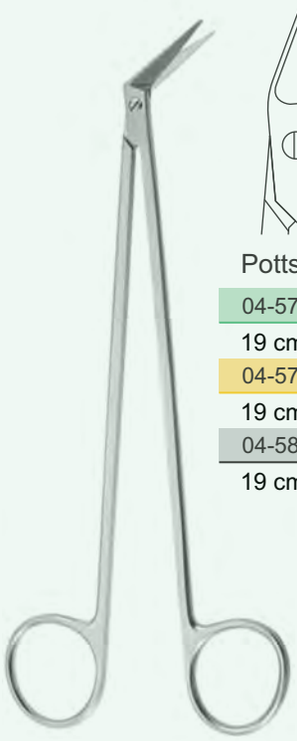
14 cm - 5 ½”

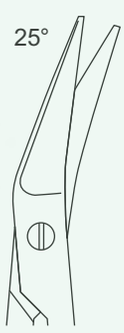


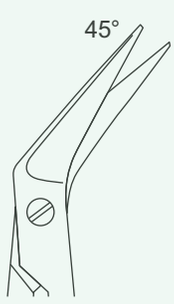
Hegemann

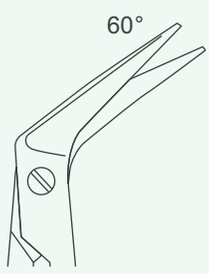
04-572-13

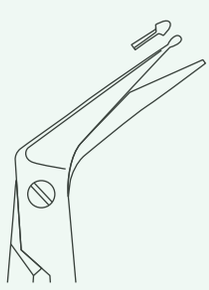
13 cm - 5”

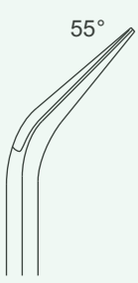












Potts-Smith

04-573-19	04-574-19	04-575-19	04-576-19	04-577-19
19 cm - 7 ½”	19 cm - 7 ½”	19 cm - 7 ½”	19 cm - 7 ½”	19 cm - 7 ½”
04-578-19T	04-579-19T	04-580-19T		
19 cm - 7 ½”	19 cm - 7 ½”	19 cm - 7 ½”		
04-581-19S	04-582-19S	04-583-19S		
19 cm - 7 ½”	19 cm - 7 ½”	19 cm - 7 ½”		

1 blade ball-tipped, 60°
1 Blatt geknöpft, 60°
1 hoja con punta de bola, 60°
1 lame à pointe bille, 60°



Alar

04-584-12

12 cm / 4 ¾ ”
Knorpelschere
Cartilage Scissors
Tijera de cartílago



Martin-Cartilage

04-589-19

19 cm - 7 ½”

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



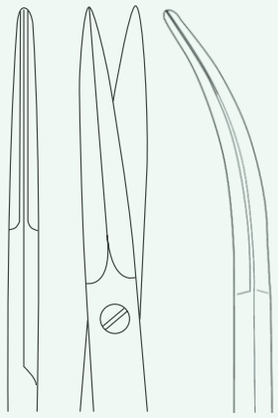


Fig. 1

Mc Indoe

04-590-01 Fig. 1

04-590-02 Fig. 2

19 cm - 7 ½”



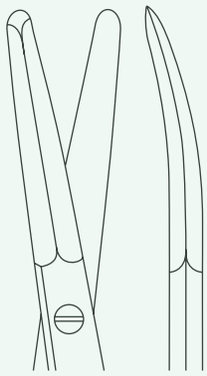


Fig. 2

Potts-Smith

04-591-19

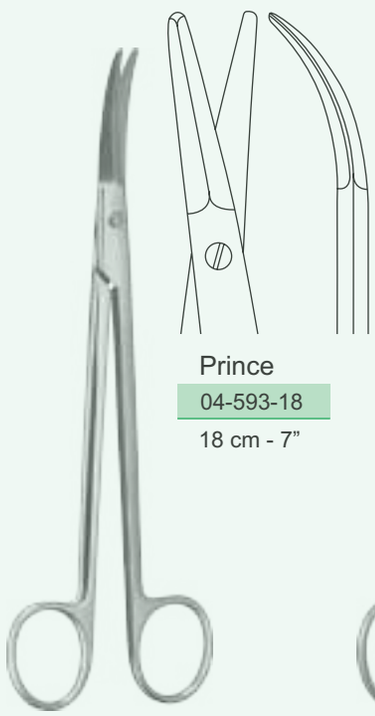
19 cm - 7 ½”



Boettcher

04-592-18

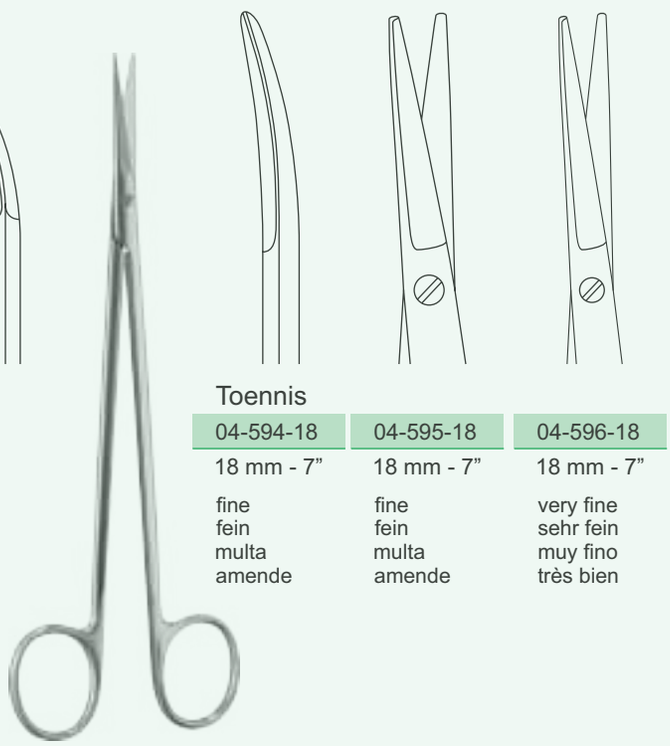
18 cm - 7”



Prince

04-593-18

18 cm - 7”



Toennis

04-594-18	04-595-18	04-596-18
18 mm - 7”	18 mm - 7”	18 mm - 7”
fine fein multa amende	fine fein multa amende	very fine sehr fein muy fino très bien



Toennis-Adson

04-597-17

17.5 cm - 7 ¾”

fine
fein
multa
amende

04-598-17

17.5 cm - 7 ¾”

very fine
sehr fein
muy fino
très bien



Toennis-Adson

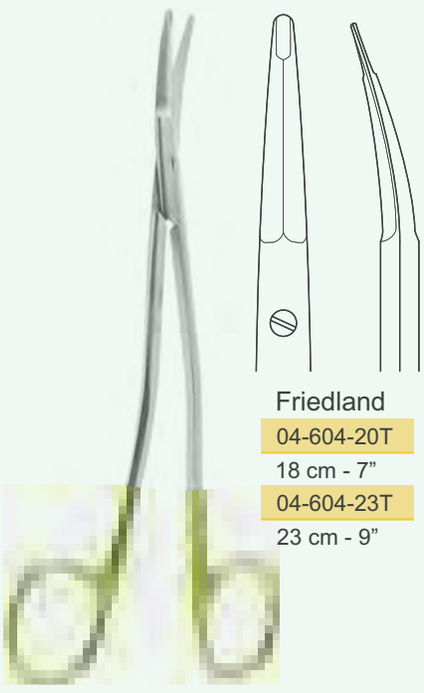
04-599-17T	04-600-17T
17.5 cm - 7 ¾”	17.5 cm - 7 ¾”
04-601-17S	04-602-17S
17.5 cm - 7 ¾”	17.5 cm - 7 ¾”
fine fein multa amende	very fine sehr fein muy fino très bien



Wertheim

04-603-20

20 cm - 8”



Friedland

04-604-20T

18 cm - 7”

04-604-23T

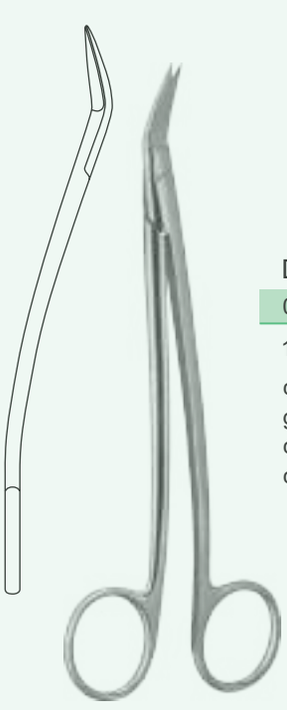
23 cm - 9”

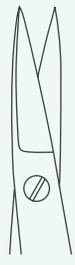


Good

04-605-19

19 cm - 7 ½”



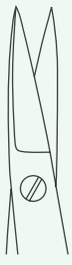


Dean

04-606-17

17 cm - 6 ¾”

curved
gebogen
curva
courbes



04-607-17

17 cm - 6 ¾”

curved, sawedge
gebogen, gezahnt
curva, dentada
courbes, dentelés



Dean

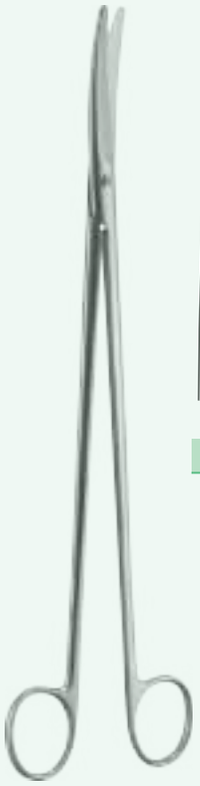
04-608-17T

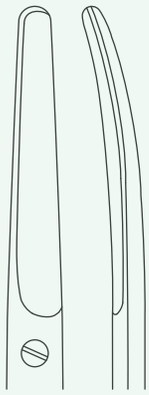
17 cm / 6 ¾”

04-609-17S

17 cm / 6 ¾”

curved, sawedge
gebogen, gezahnt
curvas, dentadas
courbes, dentelés





Crafoord

04-610-30

30 cm - 12”







Willauer

04-611-25	straight	04-612-25 25 cm - 9 ¾” curved
04-611-28	gerade	04-612-28 28 cm - 11” gebogen
	recta	curva
	droits	courbes





Resano

04-613-25

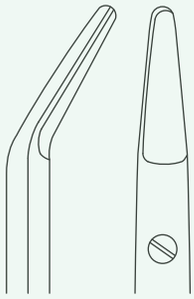
25 cm - 10”



04-614-25S

25 cm - 10”





Finochietto

04-615-27

27 cm - 10 ½”



Satinsky
04-616-18
18 cm - 7 ⅛”



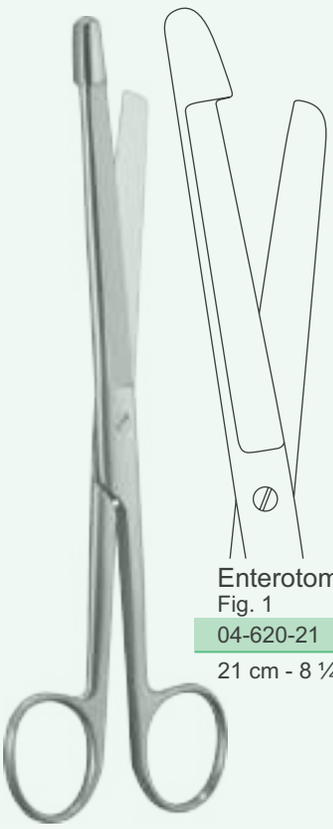
Satinsky
04-617-24
24.5 cm - 9 ¾”



Klinkenberg-Loth
04-618-23
23 cm - 9”



Jorgenson
04-619-23
23 cm - 9”



Enterotomy
Fig. 1
04-620-21
21 cm - 8 ¼"

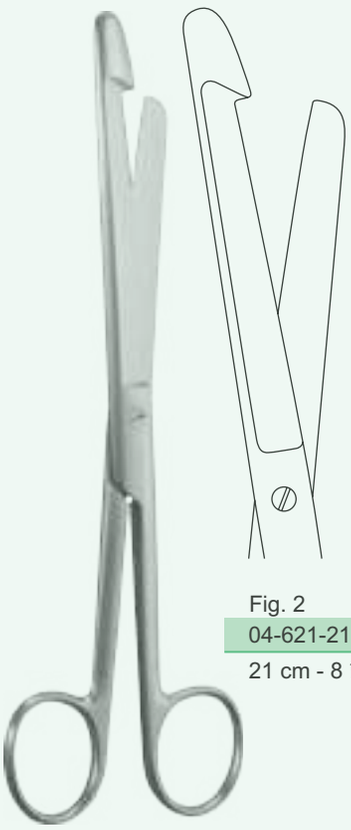


Fig. 2
04-621-21
21 cm - 8 ¼"

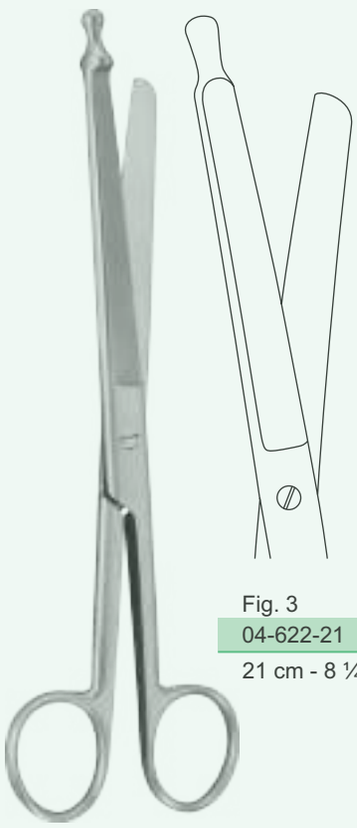


Fig. 3
04-622-21
21 cm - 8 ¼"



Stelzner
04-623-31
31 cm - 12 ¼"



Stelzner
04-624-32
32.5 cm - 12 ¾"
Heavy curve



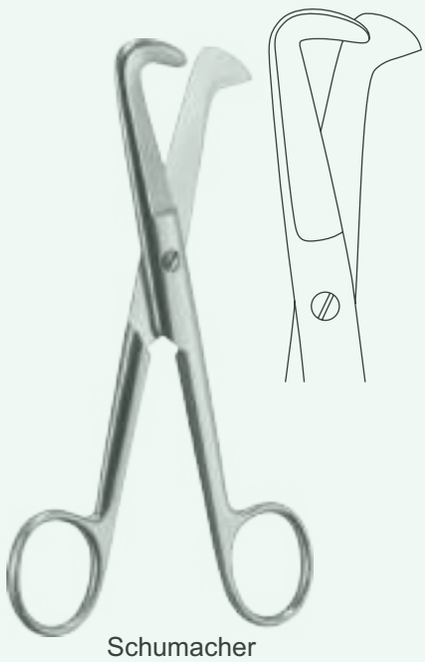
Lloyd-Davies
(Goligher's)
04-625-27
27 cm -10 ½"



Busch

04-626-13	04-627-13	13 cm - 5”
04-626-16	04-627-16	16 cm - 6 ¼”
04-628-16T	04-629-16T	16 cm - 6 ¼”

saw edge
gezahnt
dentada
dentelés



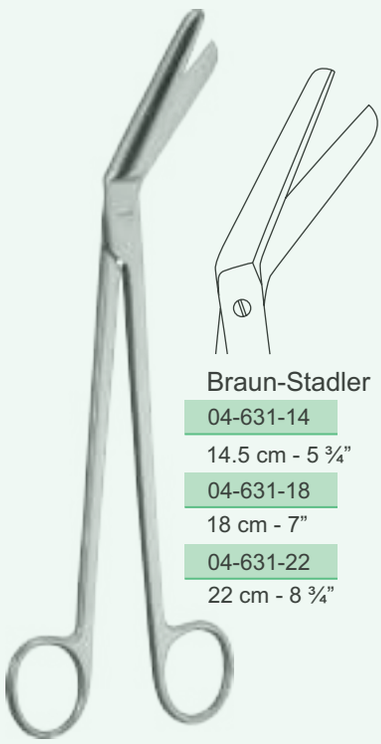
Schumacher

04-629-16
16 cm - 6 ¼”



USA Model

04-630-10
10.5 cm - 4 ¼”



Braun-Stadler

04-631-14

14.5 cm - 5 ¾”

04-631-18

18 cm - 7”

04-631-22

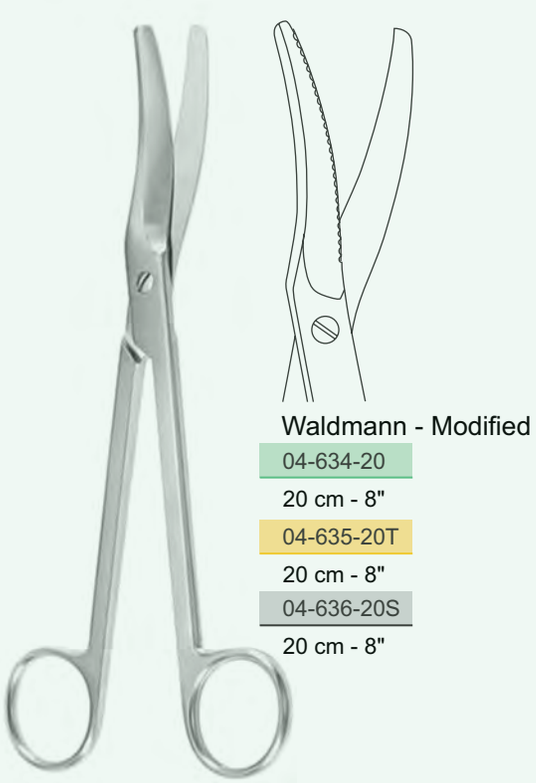
22 cm - 8 ¾”



Waldmann

04-632-20

20 cm - 8”



Waldmann - Modified

04-634-20

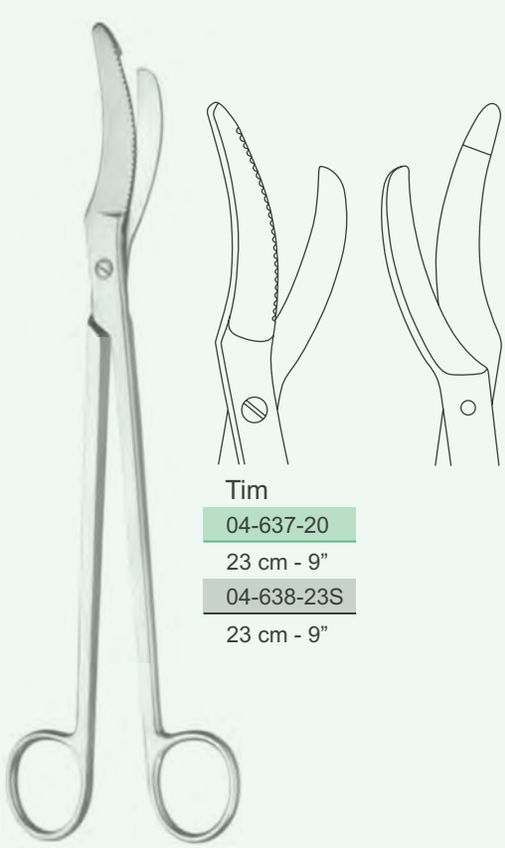
20 cm - 8"

04-635-20T

20 cm - 8"

04-636-20S

20 cm - 8"



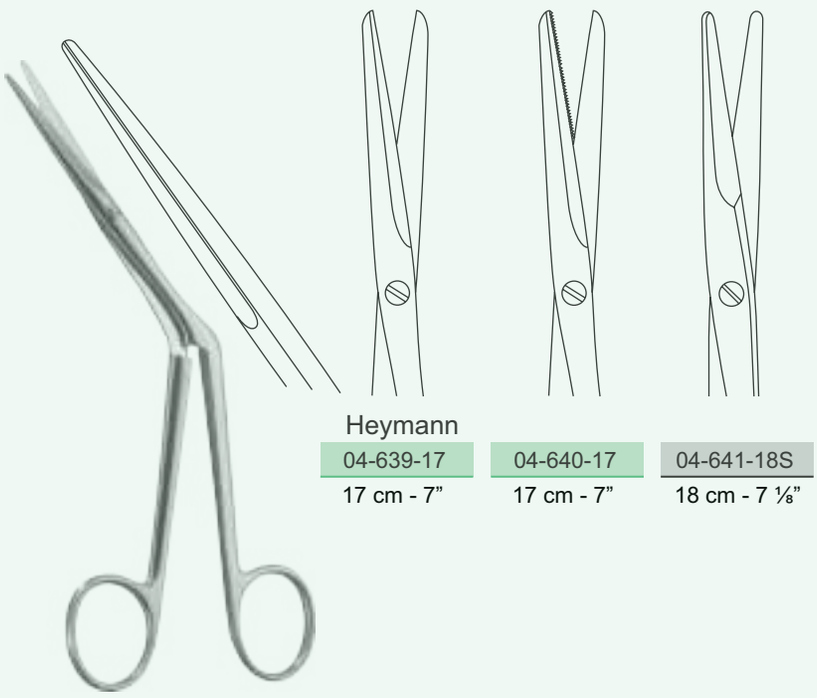
Tim

04-637-20

23 cm - 9”

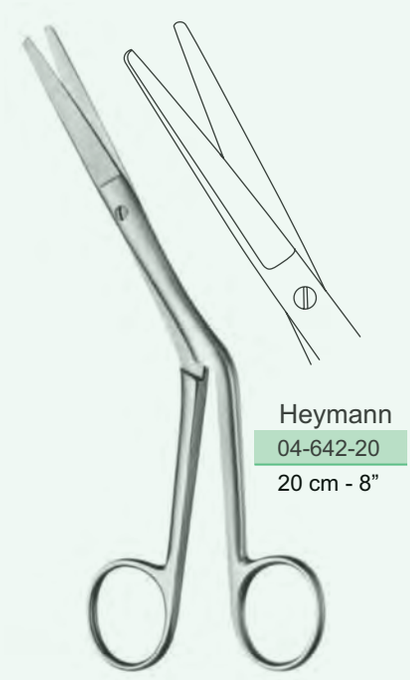
04-638-23S

23 cm - 9”



Heymann

04-639-17	04-640-17	04-641-18S
17 cm - 7”	17 cm - 7”	18 cm - 7 ⅛”



Heymann

04-642-20

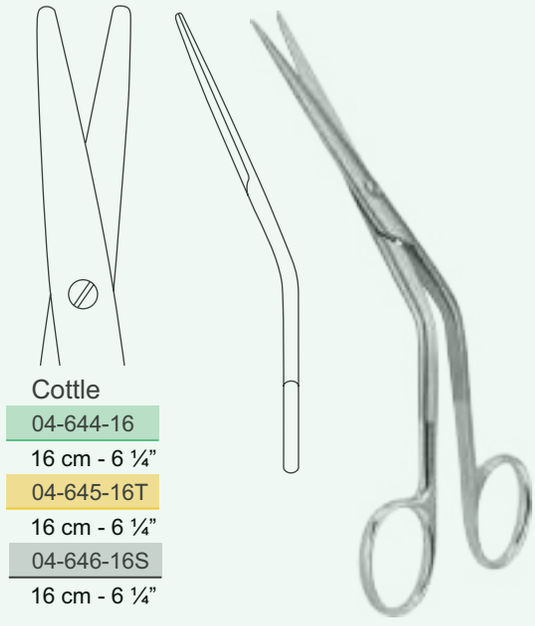
20 cm - 8”



Knight

04-643-17

17 cm - 6 ¾”



Cottle

04-644-16

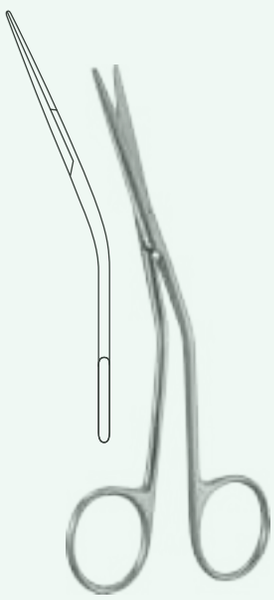
16 cm - 6 ¼”

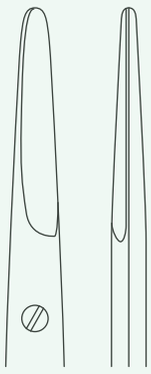
04-645-16T

16 cm - 6 ¼”

04-646-16S

16 cm - 6 ¼”

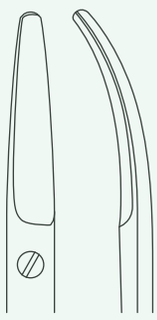




Fomon

04-647-15

15 cm - 6”



04-648-13

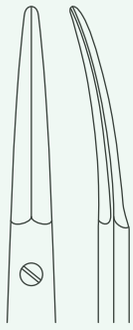
13 cm - 5”

04-649-13T

13 cm - 5”

04-650-13S

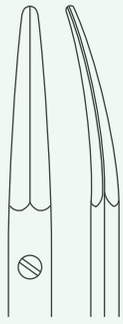
13 cm - 5”



04-651-14

14.5 cm - 5 ¾”

serrated
gezahnt
serrado
denté



04-652-13

13.5 cm - 5 ¼”

light curved
leicht gebogen
ligeramente curvada
légèrement incurvé

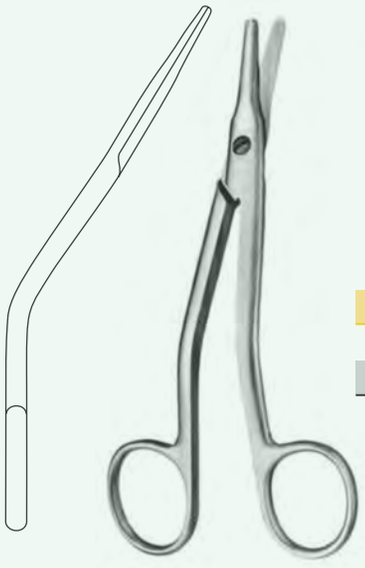


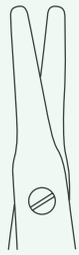
Olivecrona

04-652-23

23 cm - 9”

Trigeminal scissors
Trigeminusschere
Tijera para nervio trigémino
Ciseaux pour le trigeminus





Walter-Cottle

04-653-16T

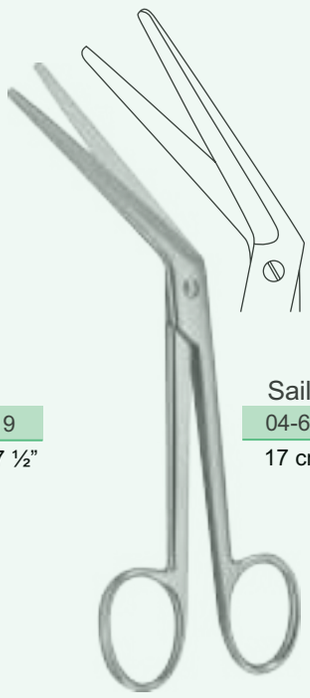
16 cm - 6 ¼”

04-654-16S

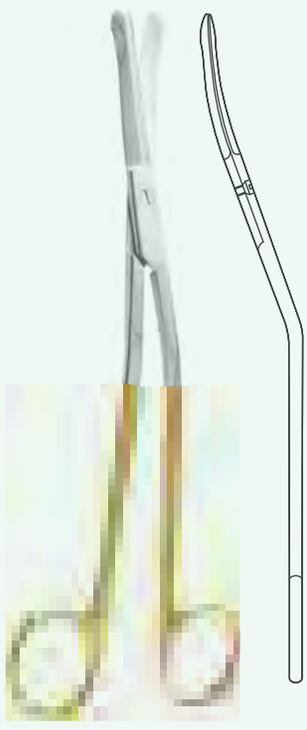
16 cm - 6 ¼”

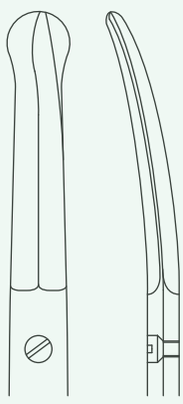


Halle
04-655-19
19 cm - 7 ½”

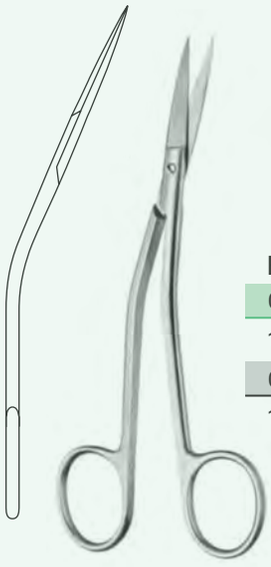


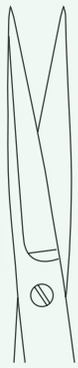
Sailer
04-656-17
17 cm - 6 ¾”





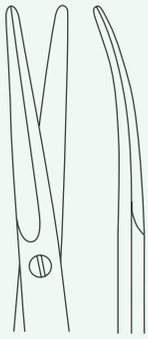
Wilkinson
04-657-19
19 cm - 7 ½”



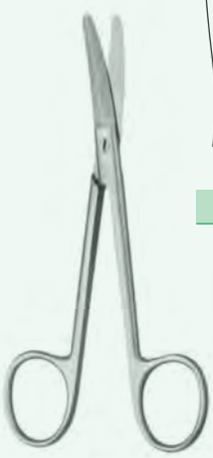


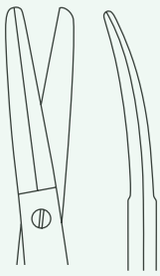
Fanous
04-658-14
14 cm - 5 ½”
04-659-14S
14 cm - 5 ½”



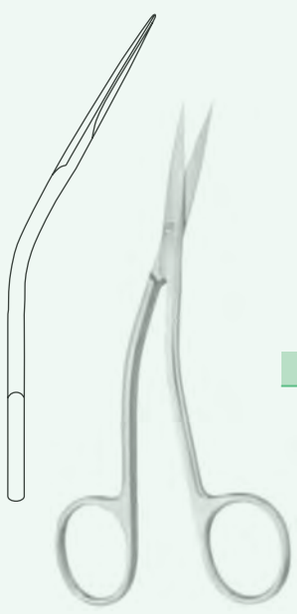


Obwegeser
04-660-18
18.5 cm - 7 ¼”
04-660-20
20 cm - 8”
Undermining scissors
Unterminierscheren
Ciseaux à tunnellisation
Tijeras para tunelización





Fomon
04-661-12
12.5 cm - 5”
both sides sharp
beidseitig schneidend
coupant des deux côtés
cortantes por ambos lados

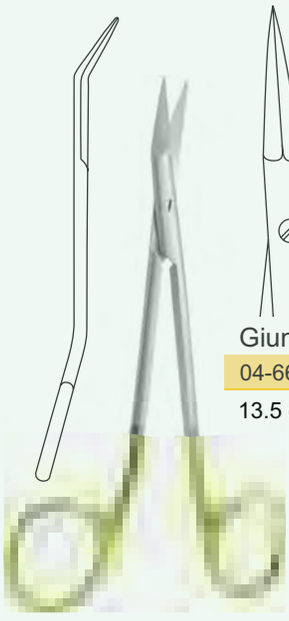




Hough

04-662-13

13 cm - 5 ⅛”

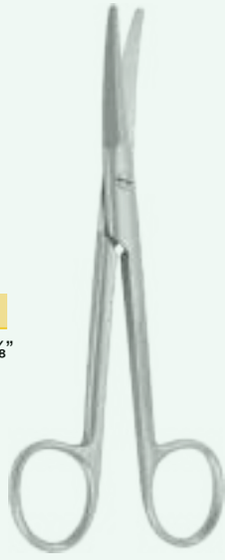


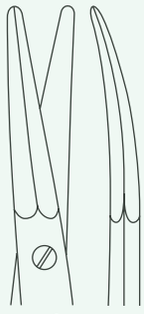


Giunta

04-663-13T

13.5 cm - 5 ⅜”





Aufricht

04-664-14

14 cm - 5 ½”

04-665-14T

14 cm - 5 ½”

04-666-14S

14 cm - 5 ½”



Kahn

04-667-14

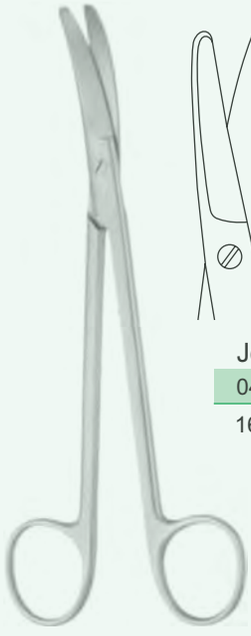
14.5 cm - 5 ¾”

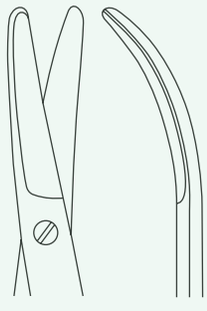


Walter

04-668-14

14 cm - 5 ½”

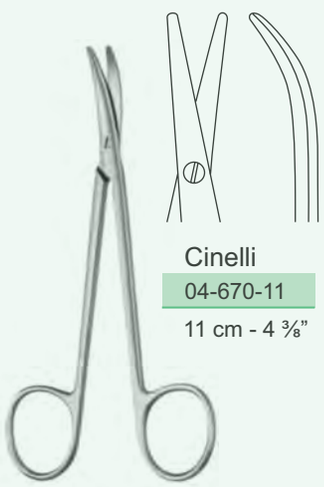




Joseph

04-669-16

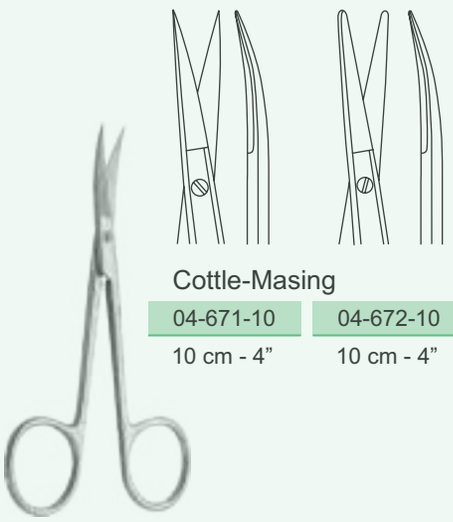
16.5 cm - 6 ½”



Cinelli

04-670-11

11 cm - 4 ⅜”



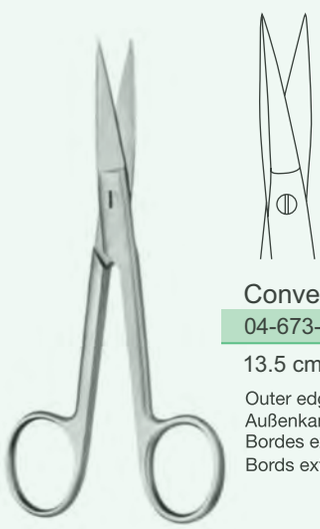
Cottle-Masing

04-671-10

10 cm - 4”

04-672-10

10 cm - 4”

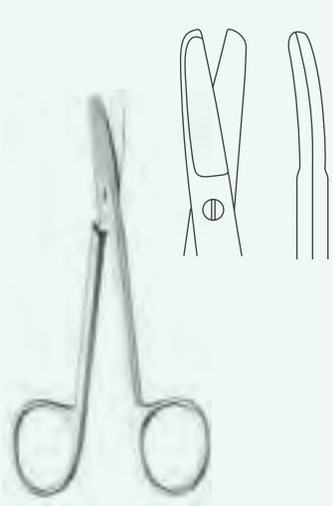


Converse

04-673-13

13.5 cm - 5 ⅜”

Outer edges semisharp
Außenkanten halbscharf
Bordes exteriores semicortantes
Bords extérieurs semi-tranchants

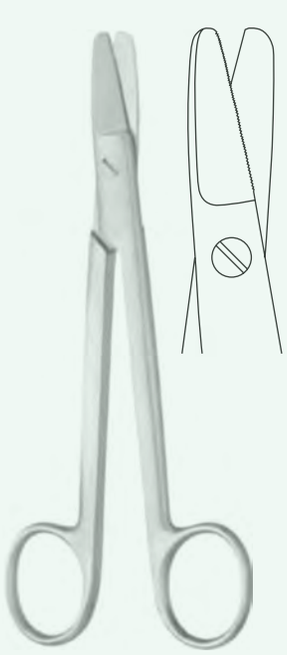


Cottle

04-674-11

11.5 cm - 4 ½”

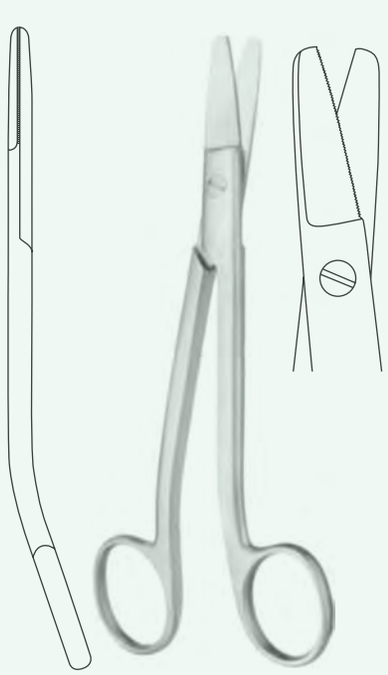
Bulldog scissors
Bulldogschere
Tijera Bulldog
Ciseaux Bulldog



Castanares

04-675-16

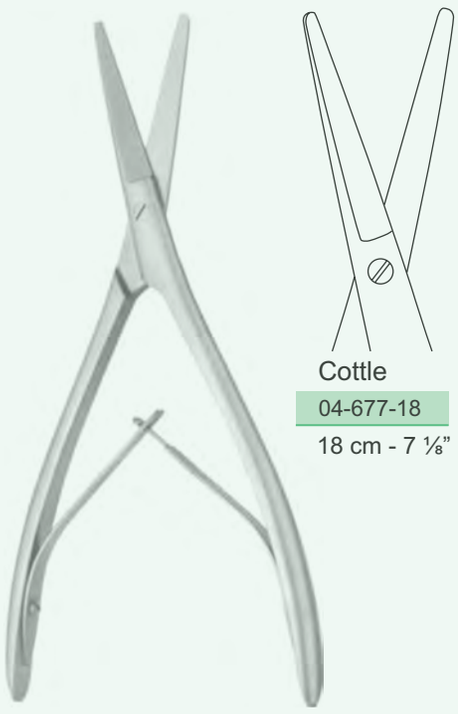
16 cm - 6 ¼”



Walter-Castanares
Facelift

04-676-16

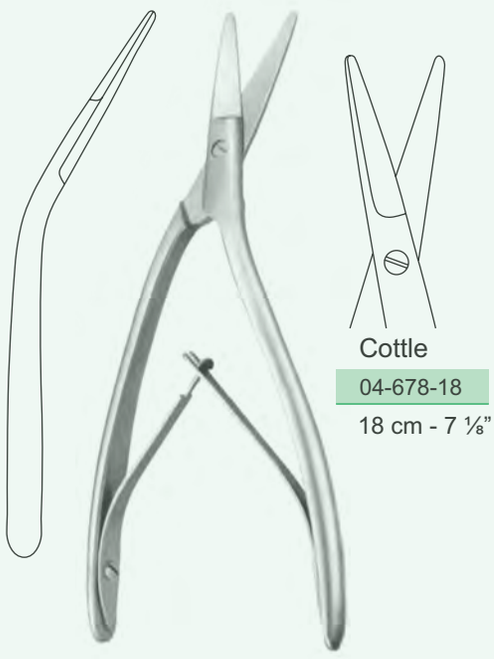
16 cm - 6 ¼”



Cottle

04-677-18

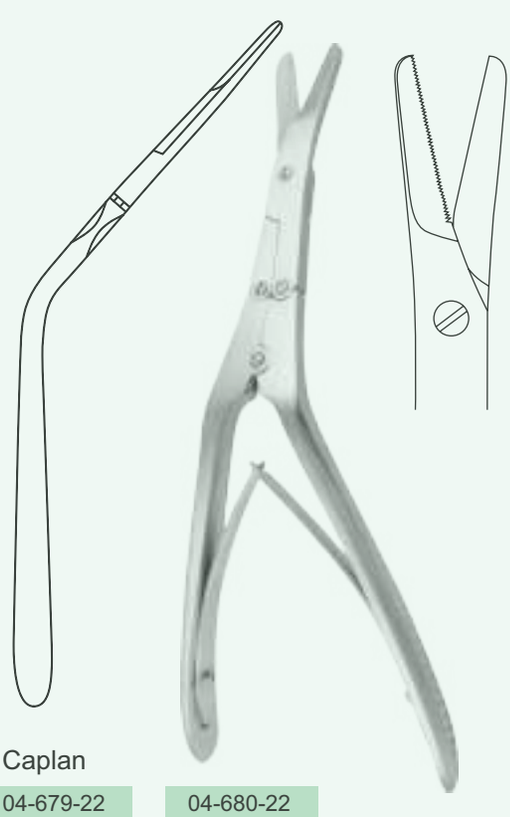
18 cm - 7 ⅛”



Cottle

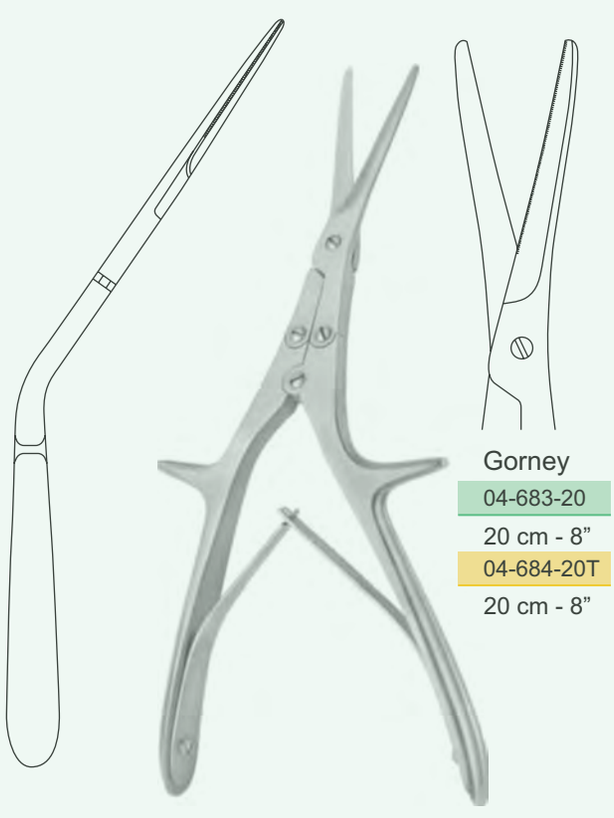
04-678-18

18 cm - 7 ⅛”



Caplan

04-679-22	04-680-22
22 cm - 8 ⅝”	22 cm - 8 ⅝”
04-681-22T	04-682-22T
22 cm - 8 ⅝”	22 cm - 8 ⅝”
straight gerade recta droits	curved gebogen curva courbes



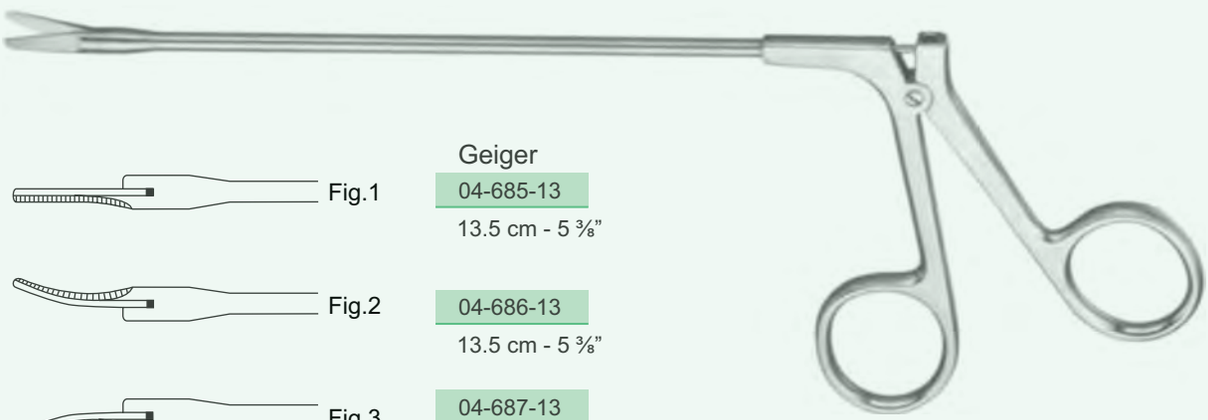
Gorney

04-683-20

20 cm - 8”

04-684-20T

20 cm - 8”



Geiger

Fig.1

04-685-13

13.5 cm - 5 ⅜”

Fig.2

04-686-13

13.5 cm - 5 ⅜”

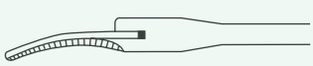
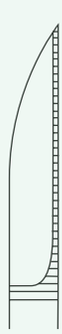


Fig.3

04-687-13

13.5 cm - 5 ⅜”









Obwegeser

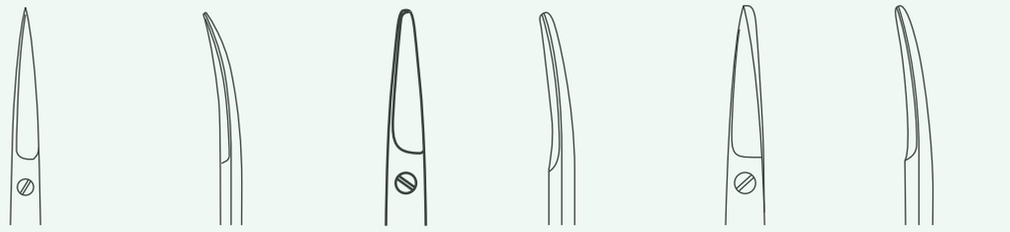
04-685-21

04-686-21

04-687-21

21 cm - 8 ¼”

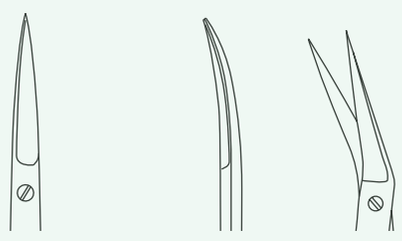




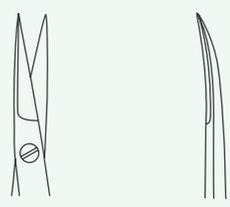
Iris

04-688-09	04-689-09	04-690-11	04-691-11	04-692-11	04-693-11
9 cm - 3 ½”	9 cm - 3 ½”	11.5 cm - 4 ½”	11.5 cm - 4 ½”	11.5 cm - 4 ½”	11.5 cm - 4 ½”
04-688-10	04-689-10				
10.5 cm - 4 ⅛”	10.5 cm - 4 ⅛”				
04-688-11	04-689-11				
11.5 cm - 4 ½”	11.5 cm - 4 ½”				
04-688-12	04-689-12				
12 cm - 4 ¾”	12 cm - 4 ¾”				









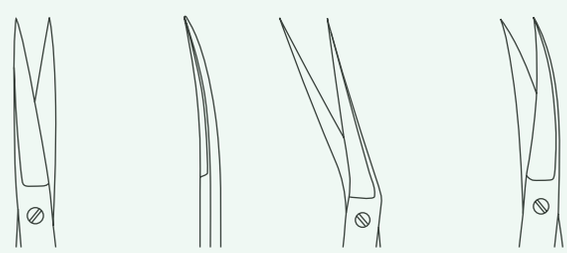
Micro-Iris

04-700-09	04-701-09
9 cm - 3 ½”	9 cm - 3 ½”
	04-702-09S
	9 cm - 3 ½”

Iris

04-694-11T	04-695-11T	04-696-11T	11.5 cm - 4 ½”
04-697-10S	04-698-10S	04-699-10S	10.5 cm - 4 ⅛”
04-697-11S	04-698-11S	04-699-11S	11.5 cm - 4 ½”
04-697-13S	04-698-13S	04-699-13S	13 cm - 5 ⅛”
straight gerade recta droits	curved gebogen curva courbes	angular kniegebogen acodada coudés	

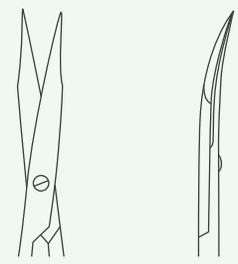




Iris

04-703-11	04-704-11	04-705-11	04-706-11	11.5 cm / 4 ½”
04-707-10	04-708-10	04-709-10	04-710-10S	10.5 cm / 4 ⅛”
04-707-11	04-708-11	04-709-11	04-710-11S	11.5 cm / 4 ½”
straight gerade recta droits	curved gebogen curva courbes	angular kniegebogen acodada coudés	laterally curved seitwärts gebogen curva lateral courbes laterale	



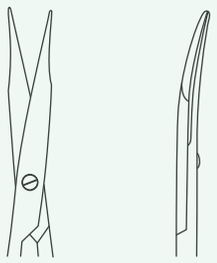


Stevens

04-711-10	04-712-10	10 cm - 4”
04-711-11	04-712-11	11 cm - 4 ¼”
04-713-11T	04-714-11T	11 cm - 4 ¼”
04-715-10S	04-716-10S	10 cm - 4”
04-715-11S	04-716-11S	11 cm - 4 ¼”
04-715-13S	04-716-13S	13.5 cm - 5 ¼”

sharp, sharp
spitz, spitz
aguda, aguda
pointue, pointue



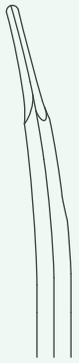


Stevens

04-717-10	04-718-10	10 cm - 4”
04-717-11	04-718-11	11 cm - 4 ¼”
04-719-11T	04-720-11T	11 cm - 4 ¼”
04-721-10S	04-722-10S	10 cm - 4”
04-721-11S	04-722-11S	11 cm - 4 ¼”
04-721-13S	04-722-13S	13.5 cm - 5 ¼”

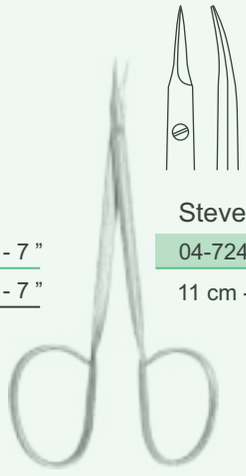
blunt, blunt
stumpf, stumpf
roma, roma
mousse, mousse



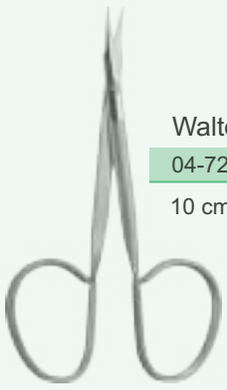


Stevens

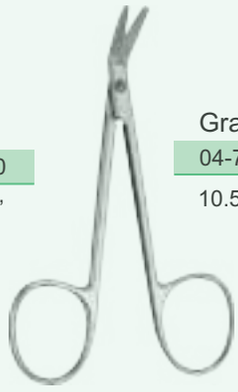
04-723-18	18 cm - 7 ”
04-723-18S	18 cm - 7 ”



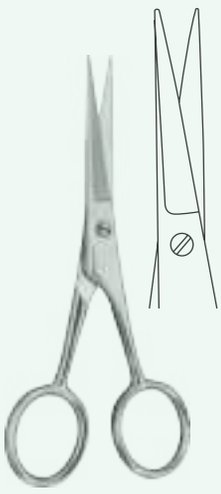
Stevens
04-724-11
11 cm - 4 ½”



Walton
04-725-10
10 cm - 4”



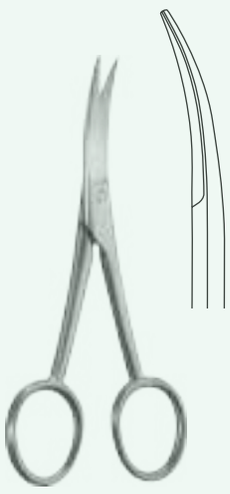
Graefe
04-726-10
10.5 cm - 4 ¼”



Carlos - Modified

04-727-11	
04-727-13	
04-727-14	

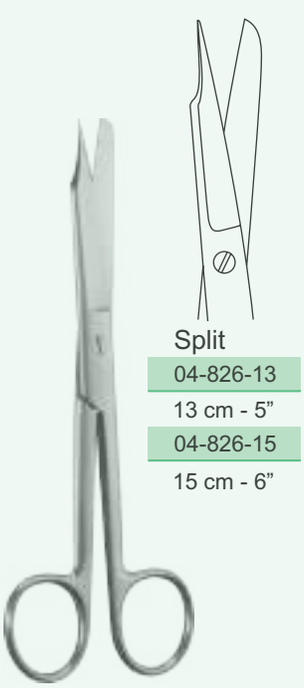
Fig. 1



04-728-11	11.5 cm - 4 ½”
04-728-13	13 cm - 5”
04-728-14	14 cm - 5 ½”

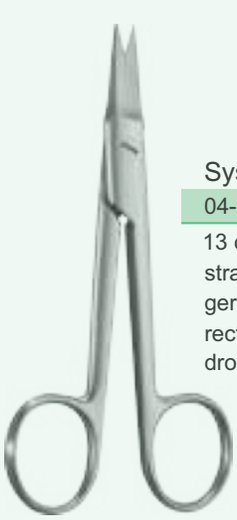
Fig. 2

Nail splitting scissors
Nagelspaltscheren
Tijeras para uñas
Ciseaux à ongles
Forbici chiodo scissione



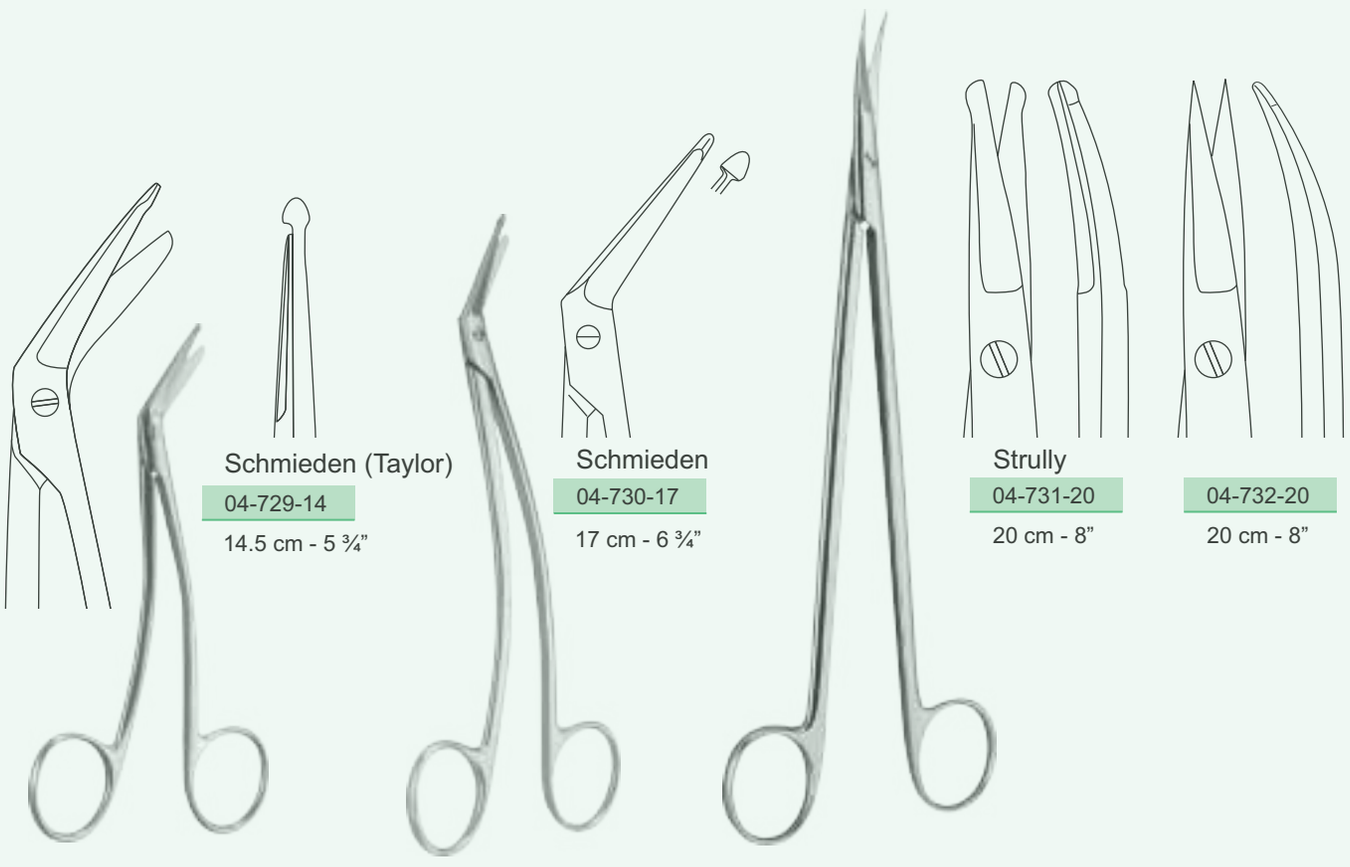
Split

04-826-13	
13 cm - 5”	
04-826-15	
15 cm - 6”	



Systrunk

04-827-13	04-827-15
13 cm - 5”	13 cm - 5”
straight	curved
gerade	gebogen
recta	curva
droits	courbes



Schmieden (Taylor)
04-729-14
14.5 cm - 5 ¾”

Schmieden
04-730-17
17 cm - 6 ¾”

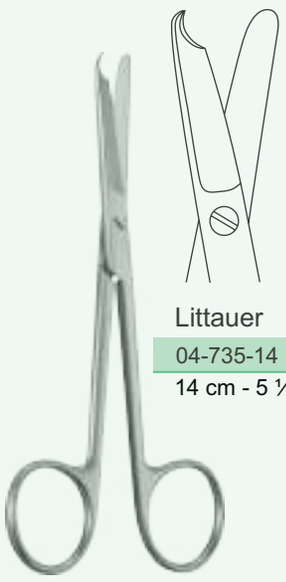
Strully
04-731-20
20 cm - 8”

04-732-20
20 cm - 8”



Taylor
04-733-14
14 cm - 5 ½”

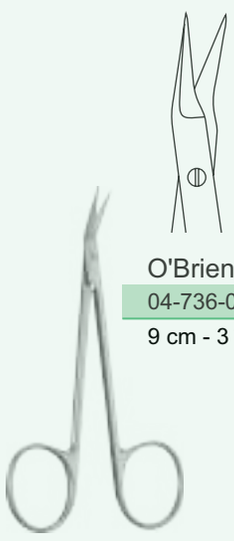
Dandy
04-734-17
17 cm - 6 ¾”
04-734-19
19 cm - 7 ½”



Littauer

04-735-14

14 cm - 5 ½”



O'Brien

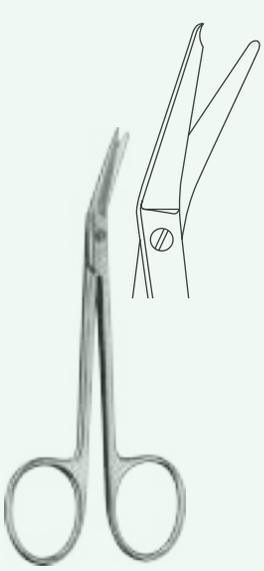
04-736-09

9 cm - 3 ½”



Spencer

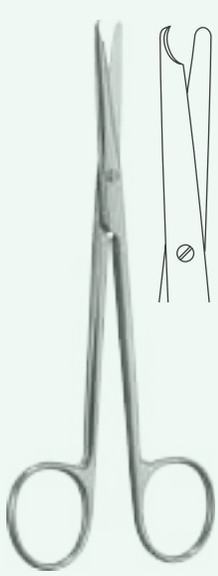
straight	curved to side
gerade	seitlich gebogen
recta	curva de lado
04-737-09	04-738-09
9 cm - 3 ½”	9 cm - 3 ½”
04-737-10	04-738-10
10.5 cm - 4 ¼”	10.5 cm - 4 ¼”
04-737-11	04-738-11
11.5 cm - 4 ½”	11.5 cm - 4 ½”
04-737-13	04-738-13
13 cm - 5”	13 cm - 5”



Spencer Angled

04-739-11

11.5 cm - 4 ½”



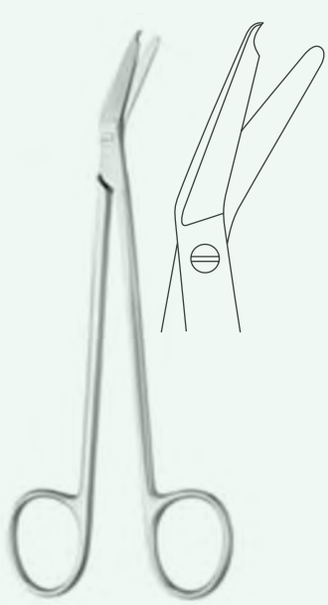
Buck

04-740-14

14.5 cm - 5 ¾”

04-740-18

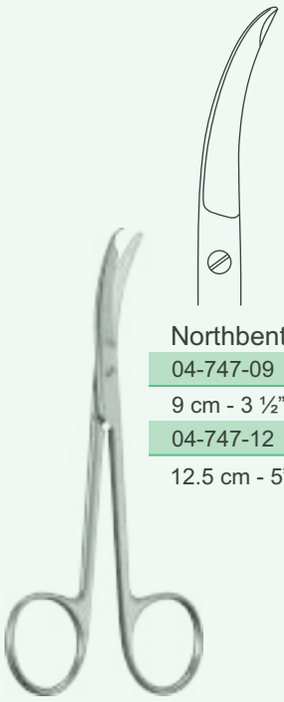
18 cm - 7”



Locklin

04-742-15

15 cm - 6 ”



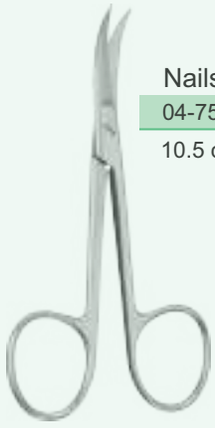
Northbent
04-747-09
9 cm - 3 ½”
04-747-12
12.5 cm - 5”



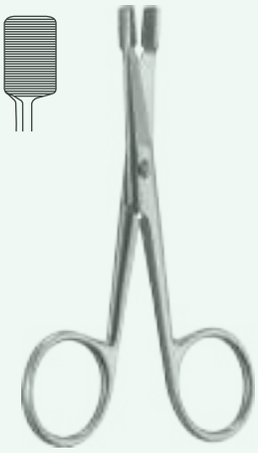
Heath
04-748-15
15 cm - 6”
sawedge
gezahnt
dentada
dentelés



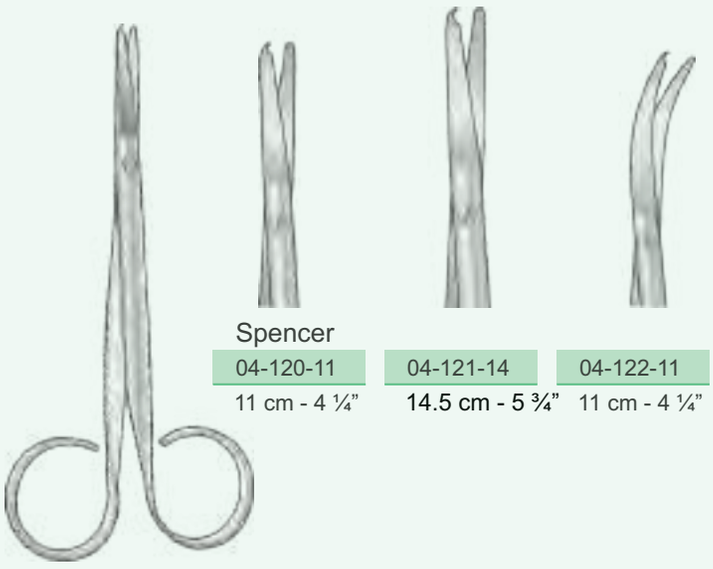
Bob
04-749-12
12 cm - 4 ¾”
sawedge
gezahnt
dentada
dentelés



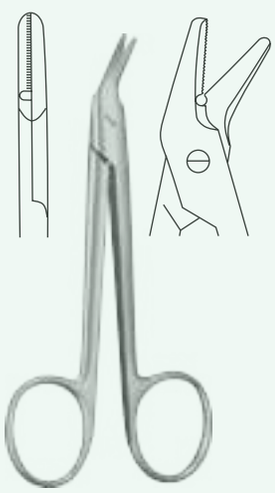
Nails
04-751-10
10.5 cm - 4 ¼”



Eiselsberg
04-750-11
11 cm - 4 ¼”
one blade serrated
eine Schneide gezahnt
une lame dentelée
una hoja dentada



Spencer
04-120-11
11 cm - 4 ¼”
04-121-14
14.5 cm - 5 ¾”
04-122-11
11 cm - 4 ¼”

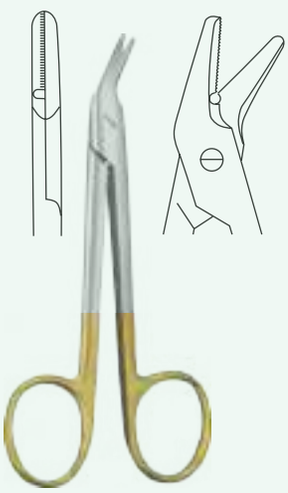


Universal

04-753-12

12 cm / 4 ¾”

saw edge
gezahnt
dentada
dentelés



Universal

04-754-12T

12 cm / 4 ¾”

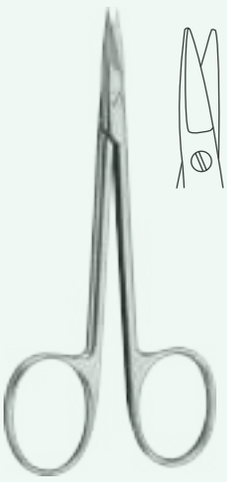


Harvey

04-756-12

12.5 cm / 5”

saw edge
gezahnt
dentada
dentelés

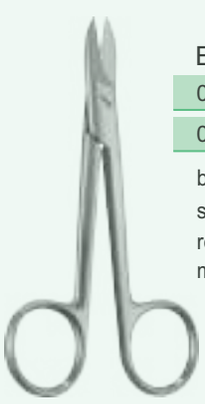


Schuhknecht

04-757-12

12.5 cm / 5”

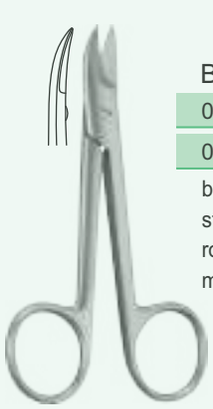
saw edge
gezahnt
dentada
dentelés





Beebee

04-761-10	04-762-10	04-763-10	04-764-10	10 cm / 4”
04-761-12	04-762-12	04-763-12	04-764-12	12 cm / 4 ¾”
blunt – blunt	sharp sharp	blunt – blunt, sawedge	sharp – sharp, sawedge	straight
stumpf – stumpf	spitz – spitz	stumpf – stumpf, gezahnt	spitz – spitz, gezahnt	gerade
roma – roma	aguda – aguda	roma – roma, dentada	aguda – aguda, dentada	recta
mousse – mousse	pointue – pointue	mousse – mousse, dentelée	pointue – pointue, dentelée	droits





Beebee

04-765-10	04-766-10	04-767-10	04-768-10	10 cm / 4”
04-765-12	04-766-12	04-767-12	04-768-12	12 cm / 4 ¾”
blunt – blunt	sharp – sharp	blunt – blunt, sawedge	sharp – sharp, sawedge	curved
stumpf – stumpf	spitz – spitz	stumpf – stumpf, gezahnt	spitz – spitz, gezahnt	gebogen
roma – roma	aguda – aguda	roma – roma, dentada	aguda – aguda, dentada	curva
mousse – mousse	pointue – pointue	mousse – mousse, dentelée	pointue – pointue, dentelée	courbes



Universal

	04-494-01	04-769-01	04-770-01
	04-494-02	04-769-02	04-770-02
	04-494-03	04-769-03	04-770-03
	04-494-04	04-769-04	04-770-04
	04-494-05	04-769-05	04-770-05
	04-494-06	04-769-06	04-770-06
	04-494-07	04-769-07	04-770-07
	04-494-08	04-769-08	04-770-08
	04-494-09	04-769-09	04-770-09
	04-769-10	04-769-10	04-770-10
	04-494-11	04-769-11	04-770-11
	04-494-12	04-769-12	04-770-12
	11 cm - 4¼”	16 cm - 6¼”	18 cm - 7”

Autoclavable
Fig. 1



Universal

	04-116-01	04-117-01	04-118-01
	04-116-02	04-117-02	04-118-02
	04-116-03	04-117-03	04-118-03
	04-116-04	04-117-04	04-118-04
	04-116-05	04-117-05	04-118-05
	04-116-06	04-117-06	04-118-06
	04-116-07	04-117-07	04-118-07
	11 cm - 4¼”	16 cm - 6¼”	18 cm - 7”

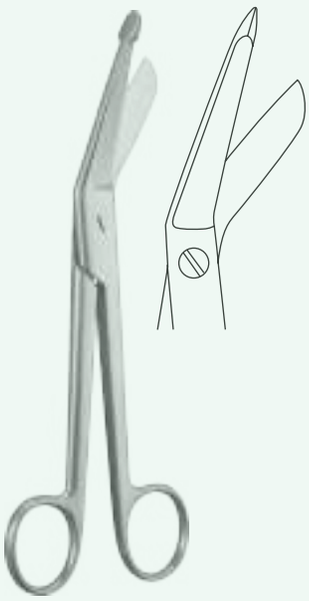
With plastic tip
Autoclavable
Fig. 2



Snip

	04-112-01	04-113-01	04-114-01
	04-112-02	04-113-02	04-114-02
	04-112-03	04-113-03	04-114-03
	04-112-04	04-113-04	04-114-04
	04-112-05	04-113-05	04-114-05
	04-112-06	04-113-06	04-114-06
	12 cm - 4¾”	12 cm - 4¾”	12 cm - 4¾”
	Sharp / sharp	Sharp / blunt	Blunt / blunt

Autoclavable



Lister

04-771-09	9 cm - 3 ½”
04-771-11	11 cm - 4 ¼”
04-771-14	14 cm - 5 ½”
04-771-18	18 cm - 7”
04-771-20	20 cm - 8”
04-771-25	25 cm - 10”
04-771-30	30 cm - 11 ¾”



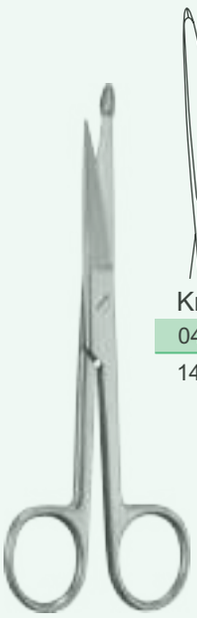
Lister

04-772-14T	14 cm - 5 ½”
04-772-18T	18 cm - 7”
04-772-20T	20 cm - 8”
04-773-14S	14 cm - 5 ½”
04-773-18S	18 cm - 7”
04-773-20S	20 cm - 8”



Lister - Modified

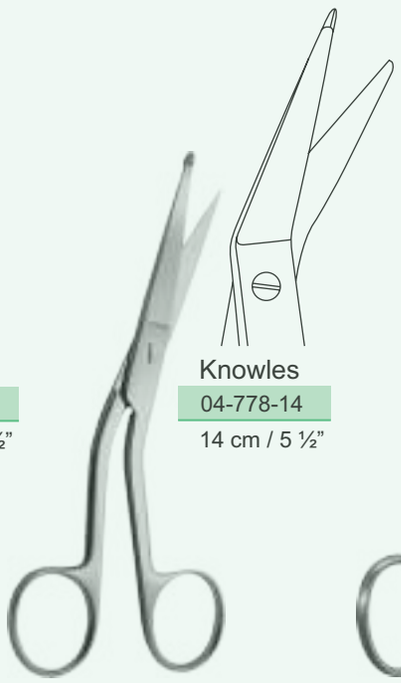
04-774-18	
18 cm - 7”	
04-774-20	
20 cm - 8”	
04-775-20S	
20 cm - 8”	





Knowles

04-777-14	
14 cm / 5 ½”	



Knowles

04-778-14	
14 cm / 5 ½”	

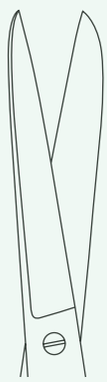




Sharp - Modified

04-779-16	
16 cm / 6 ¼”	





Smith (Mod. USA)

04-780-16	
16 cm / 6 ¼”	
04-780-18	
18 cm / 7”	
04-780-20	
20 cm / 8”	
04-780-23	
23 cm / 9”	



Lange

04-776-18

18 cm / 7”



Esmarch

04-781-20

20 cm - 8”

04-781-22

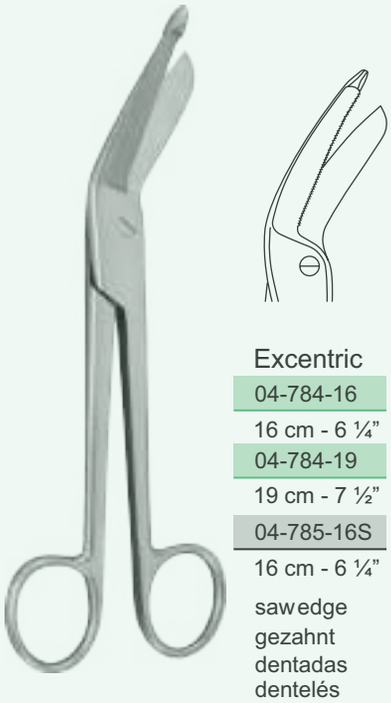
22 cm - 8 ¾”

04-782-20S

20 cm - 8”

04-782-22S

22 cm - 8 ¾”



Excentric

04-784-16

16 cm - 6 ¼”

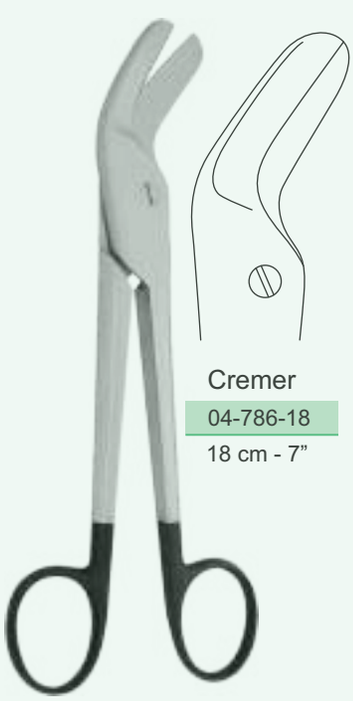
04-784-19

19 cm - 7 ½”

04-785-16S

16 cm - 6 ¼”

saw edge
gezahnt
dentadas
dentelés



Cremer

04-786-18

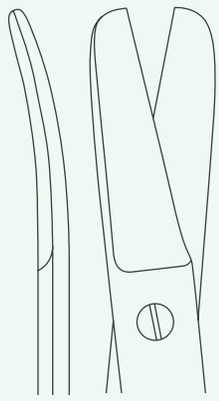
18 cm - 7”



Bergmann

04-787-23

23 cm - 9”

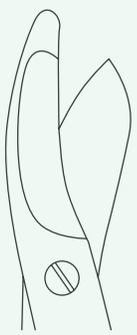


Lorenz

04-788-23

23 cm - 9”

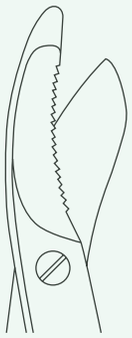




Bruns

04-789-24

24 cm - 9 ½”



04-790-24

24 cm - 9 ½”

saw edge
gezahnt
dentadas
dentelés



Bruns

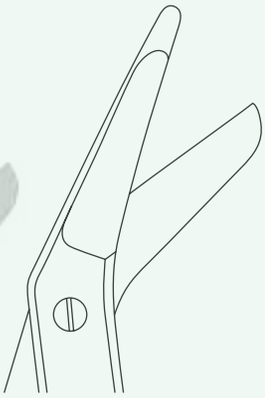
04-791-24

24 cm - 9 ½”

04-792-24S

24 cm - 9 ½”



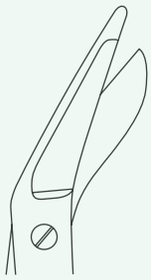


Western

04-793-20

20 cm - 8”

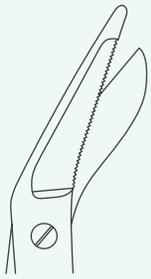




Seutin

04-794-23

23 cm - 9”



04-795-23

23 cm - 9”

saw edge
gezahnt
dentadas
dentelés



Plaster
04-796-23
23 cm - 9”



Wendy
04-797-22
22 cm - 8 ¾”



Collin
04-798-19
19 cm - 7 ½”



Gluck
04-799-19
19 cm - 7 ½”
04-800-22
22 cm - 8 ¾”



Stille
04-801-21
21 cm - 8 ¼”





Noyes

04-802-12	04-803-12	04-804-12	12 cm - 4 ¾”
sharp – sharp	sharp – blunt	blunt – blunt	straight
spitz – spitz	spitz – stumpf	stumpf – stumpf	gerade
roma – roma	roma – aguda	aguda – aguda	recta
pointue – pointue	pointue – mousse	mousse – mousse	droits









Noyes

04-805-12	04-806-12	04-807-12	12 cm / 4 ¾”
sharp – sharp	sharp – blunt	blunt – blunt	angulated
spitz – spitz	spitz – stumpf	stumpf – stumpf	abgewinkelt
roma – roma	roma – aguda	aguda – aguda	angulado
pointue – pointue	pointue – mousse	mousse – mousse	coudé





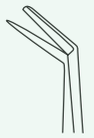


Vannas

04-808-12

12 cm - 4 ¾”

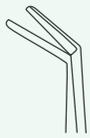




Wecker

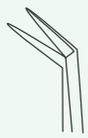
04-809-12

sharp – blunt
spitz – stumpf
roma – aguda
pointue – mousse



04-810-12

blunt – blunt
stumpf – stumpf
aguda – aguda
mousse – mousse



04-811-12

sharp – sharp
spitz – spitz
roma – roma
pointue – pointue



Barraquer

04-812-05

5.5 cm - 2 ¼”
x = 0.7 cm

04-813-05

5.5 cm - 2 ¼”
x = 1 cm





Westcott

04-814-11

11.5 cm - 4 ½”



04-815-11

11.5 cm - 4 ½”



Castroviejo

04-816-09

9 cm - 3 ½”





Vannas Micro

04-817-08	04-818-08
8 cm / 3 ¼”	8 cm / 3 ¼”







Castroviejo

04-819-10	04-820-10
10 cm - 4”	10 cm - 4”
sharp– sharp spitz – spitz aguda – aguda pointue– pointue	blunt – blunt stumpf – stumpf roma – roma mousse – mousse

Tenotomy scissors
Sehnenscheren
Ciseaux à ténotomie
Tijeras para tenotomia
Ombre tendini







Westcott

04-821-11	04-825-11 11 cm - 4 ¼”
sharp– sharp spitz – spitz aguda – aguda pointue – pointue	blunt – blunt stumpf – stumpf roma – roma mousse – mousse

SURGICALINSTRUMENTS



05

Dissecting - Tissue Forceps
Präparieren - Gewebezange
Disección - Pinzas para tejidos
Dissection - Pince à tissus
Dissezione - Forcipe per tessuti

surgimax™
saving lives



Standard

05-901-08	
05-901-10	
05-901-11	
05-901-13	
05-901-14	
05-901-15	
05-901-16	
05-901-18	
05-901-20	
05-901-25	
05-901-30	
05-901-35	



05-902-08	
05-902-10	
05-902-11	
05-902-13	
05-902-14	
05-902-15	
05-902-16	
05-902-18	
05-902-20	
05-902-25	
05-902-30	
05-902-35	

narrow
schmal
estrecha
étroite
strette



05-903-08	8 cm - 3 ¼"
05-903-10	10.5 cm - 4 ¼"
05-903-11	11.5 cm - 4 ½"
05-903-13	13 cm - 5"
05-903-14	14.5 cm - 5 ¾"
05-903-15	15 cm - 6"
05-903-16	16 cm - 6 ¼"
05-903-18	18 cm - 7"
05-903-20	20 cm - 8"
05-903-25	25 cm - 10"
05-903-30	30 cm - 12"
05-903-35	35 cm - 14"



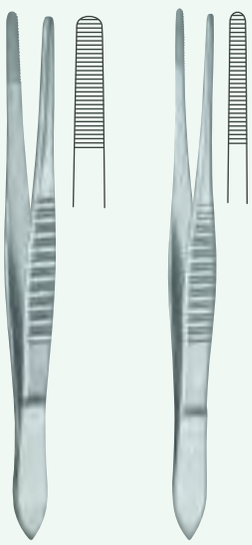
05-901-24R	24 cm - 9½"



Mehmet

05-904-13	13 cm - 5"
05-904-14	14.5 cm - 5 ¾"
05-904-16	16 cm - 6 ¼"

cross serated
kreuzgerieft
estriada
striée
zigrinato a croce



Mod. USA

05-905-12	05-906-12	12 cm - 4 ¾"
05-905-13	05-906-13	13 cm - 5"
05-905-14	05-906-14	14.5 cm - 5 ¾"
05-905-15	05-906-15	15.5 cm - 6"
05-905-18	05-906-18	18 cm - 7"
05-905-21	05-906-21	21 cm - 8 ¼"
05-905-25	05-906-25	25 cm - 9 ¾"
05-905-31	05-906-31	31 cm - 12 ¼"

narrow
schmal
estrecha
étroite
strette



Stille

05-907-15	15 cm - 6"
05-907-18	18 cm - 7"
05-907-20	20 cm - 8"



Semken

05-908-12	12.5 cm - 5"
05-908-15	15 cm - 6"



Taylor

Fig. 1
05-909-17
17.5 cm - 7"



Fig. 2
05-910-17
17.5 cm - 7"



Fig. 3
05-911-17
17.5 cm - 7"



Gerald

Fig. 1
05-912-18
18 cm - 7"



Fig. 2
05-913-18
18 cm - 7"



Fig. 3
05-914-18
18 cm - 7"



Adson

05-915-12 12 cm - 4 ¾"
05-915-15 15 cm - 6"



Micro-Adson

05-916-12 12 cm - 4 ¾"
05-916-15 15 cm - 6"



Adson

05-917-12
12 cm - 4 ¾"
cross serrated



Hudson (Ewald)

05-918-12
12 cm - 4 ¾"



Waugh

05-920-15	15 cm - 6"
05-920-18	18 cm - 7"
05-920-20	20 cm - 8"
05-920-25	25 cm - 9 ¾"



Potts-Smith

05-921-18	
05-921-21	
05-921-25	



Brophy

05-922-18	18 cm - 7"
05-922-21	21 cm - 8 ¼"
05-922-25	25 cm - 9 ¾"



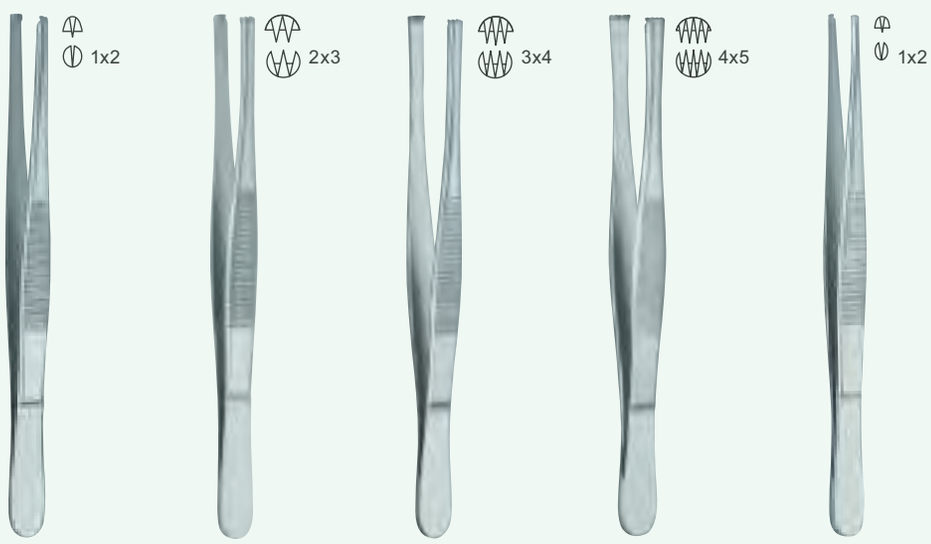
Mc Indoe

04-147-15	15 cm - 6"



Gillies

04-148-15	15 cm - 6"



Standard

05-923-10	05-924-10	05-925-10	05-926-10	05-927-10	10.5 cm - 4 ¼"
05-923-11	05-924-11	05-925-11	05-926-11	05-927-11	11.5 cm - 4 ½"
05-923-13	05-924-13	05-925-13	05-926-13	05-927-13	13 cm - 5"
05-923-14	05-924-14	05-925-14	05-926-14	05-927-14	14.5 cm - 5 ¾"
05-923-15	05-924-15	05-925-15	05-926-15	05-927-15	15 cm - 6"
05-923-16	05-924-16	05-925-16	05-926-16	05-927-16	16 cm - 6 ¼"
05-923-18	05-924-18	05-925-18	05-926-18	05-927-18	18 cm - 7"
05-923-20	05-924-20	05-925-20	05-926-20	05-927-20	20 cm - 8"
05-923-25	05-924-25	05-925-25	05-926-25	05-927-25	25 cm - 10"
05-923-30	05-924-30	05-925-30	05-926-30	05-927-30	30 cm - 12"
05-923-35	05-924-35	05-925-35	05-926-35	05-927-35	35 cm - 14"

narrow
schmal
estrecha
étroite
strette



Stille

05-928-15	05-929-15	15 cm - 6"



Mod. USA

05-930-12	12 cm - 4 ¾"
05-930-13	13 cm - 5"
05-930-14	14 .5 cm - 5 ¾"
05-930-15	15.5 cm - 6"
05-930-18	18 cm - 7"
05-930-21	21 cm - 8 ¼"
05-930-25	25 cm - 9 ¾"
05-930-31	31 cm - 12 ¼"



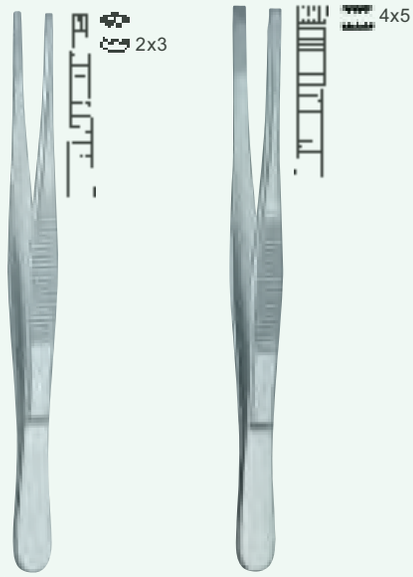
Stone

05-931-15
15 cm - 6"



Lerche

05-932-15
15 cm - 6"



Adlerkreutz

05-933-15	05-934-15	15 cm - 6"
05-933-20	05-934-20	20 cm - 8"
05-933-25	05-934-25	25 cm - 9 ¾"



Brophy

05-935-20	05-936-20	20 cm - 8"



Potts-Smith

05-937-18	05-938-18	18 cm - 7"
05-937-21	05-938-21	21 cm - 8 ½"
05-937-25	05-938-25	25 cm - 9 ¾"



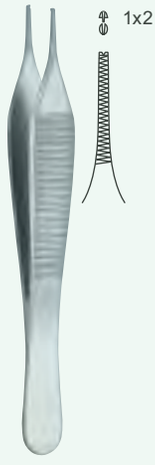
Hudson (Ewald)

05-939-12	12 cm - 4 ¾"



Adson

05-940-01	
05-940-02	



Adson

05-940-12	12 cm - 4 ¾"
05-940-15	15 cm - 6"

Cross serrated



Adson-Graefe

05-941-12	12 cm - 4 ¾"



Adson-Micro

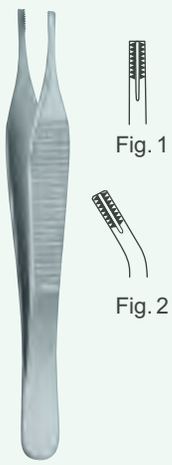
05-942-12	
05-942-15	

Fig. 1



05-943-12	12 cm - 4 ¾"
05-943-15	15 cm - 6"

Fig. 2



Adson- Brown

05-944-12	Str.
12 cm - 4 ¾"	
05-945-12	Cvd.
12 cm - 4 ¾"	



Adson

05-150-15
15 cm - 6"





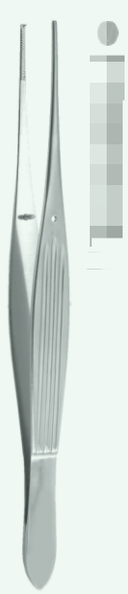
Adson

05-151-12	05-152-12
12 cm - 4 ¾" Standard Cross Serrated	12 cm - 4 ¾" Micro Cross Serrated





05-153-12	05-154-12
12 cm - 4 ¾" Standard	12 cm - 4 ¾" Micro



Mc Indoe

04-248-15
15 cm / 6" With pin



Gillies

05-946-15
15 cm - 6"



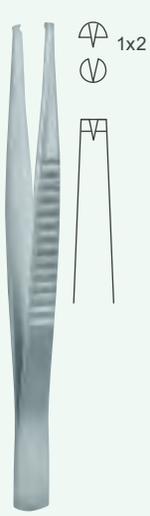
Semken

05-947-12	12.5 cm - 5"
05-947-15	15 cm - 6"



Duval

05-948-14
14.5 cm - 5 ¾"



Treves

05-949-12	12.5 cm - 5"
05-949-15	15 cm - 6"



Toe

04-123-13	13 cm - 5"
04-123-15	15 cm - 6"
04-123-18	18 cm - 7"
04-123-20	20 cm - 8"



Bonney

05-950-17	1 x 2 teeth
05-950-17B	Non-toothed

17.5 cm - 7"
Fig. 1



05-951-17	

17.5 cm - 7"
Fig. 2



Ferris-Smith

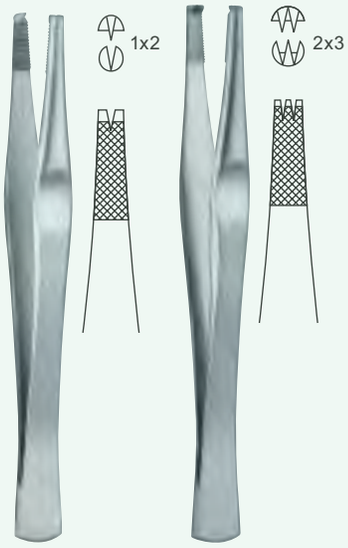
05-952-18	1 x 2 teeth
05-952-18B	Non-toothed

18 cm - 7"
Fig. 1



05-953-18	

18 cm - 7"
Fig. 2



Lane

05-954-14	
05-954-20	

Fig. 1

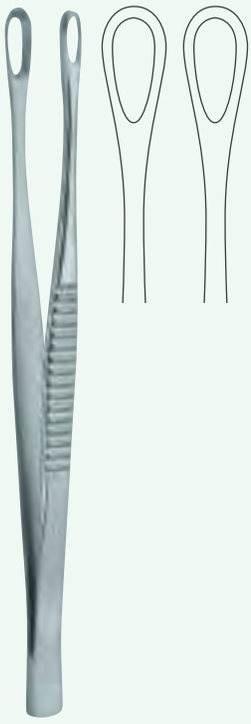
05-955-14	14.5 cm - 5 ¾"
05-955-20	20 cm - 8"

Fig. 2



Brown

05-956-15	15 cm - 6"
05-956-20	20 cm - 8"
05-956-25	25 cm - 9 ¾"



Denis Browne

05-957-19	

19 cm - 7 ½"



Waugh

05-958-15	15 cm - 6"
05-958-20	20 cm - 8"
05-958-25	25 cm - 9 ¾"



Stille-Barraya

05-959-18	18 cm - 7"
05-959-20	20 cm - 8"
05-959-25	25 cm - 9 ¾"



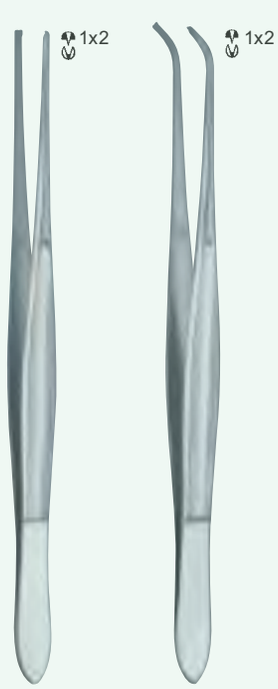
Taylor

05-960-17	05-961-17	05-962-17 17.5 cm - 7"



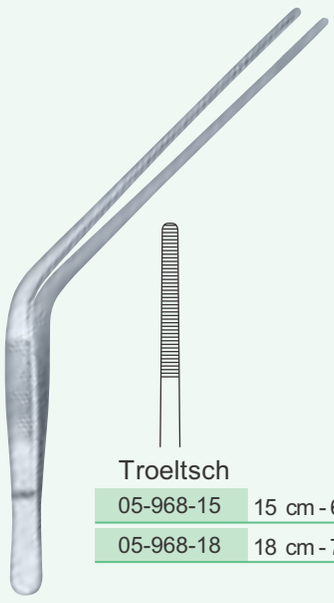
Gerald

05-963-17	05-964-17	05-965-18
17 cm - 6 ¾"	17 cm - 6 ¾"	18 cm - 7"



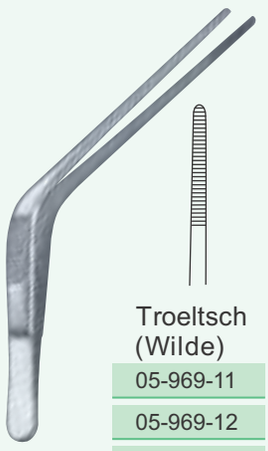
Cushing

05-966-17	05-967-17
17 cm - 6 ¾"	17 cm - 6 ¾"



Troeltsch

05-968-15	15 cm - 6"
05-968-18	18 cm - 7"



Troeltsch (Wilde)

05-969-11	05-970-11	11 cm - 4 ¼"
05-969-12	05-970-12	12 cm - 4 ¾"
05-969-13	05-970-13	13 cm - 5"

cross action
gekreuzt
cruzado
croisé
crociato



Lucae

05-971-14

14 cm - 5 ½"



Jansen

05-972-16

16 cm - 6 ¼"



Jansen

05-973-16	16 cm - 6 ¼"
05-973-20	20 cm - 8"



Cottle

05-974-14

14.5 cm - 5 ¾"



Colibri

05-975-01

11 cm - 4 ¼"

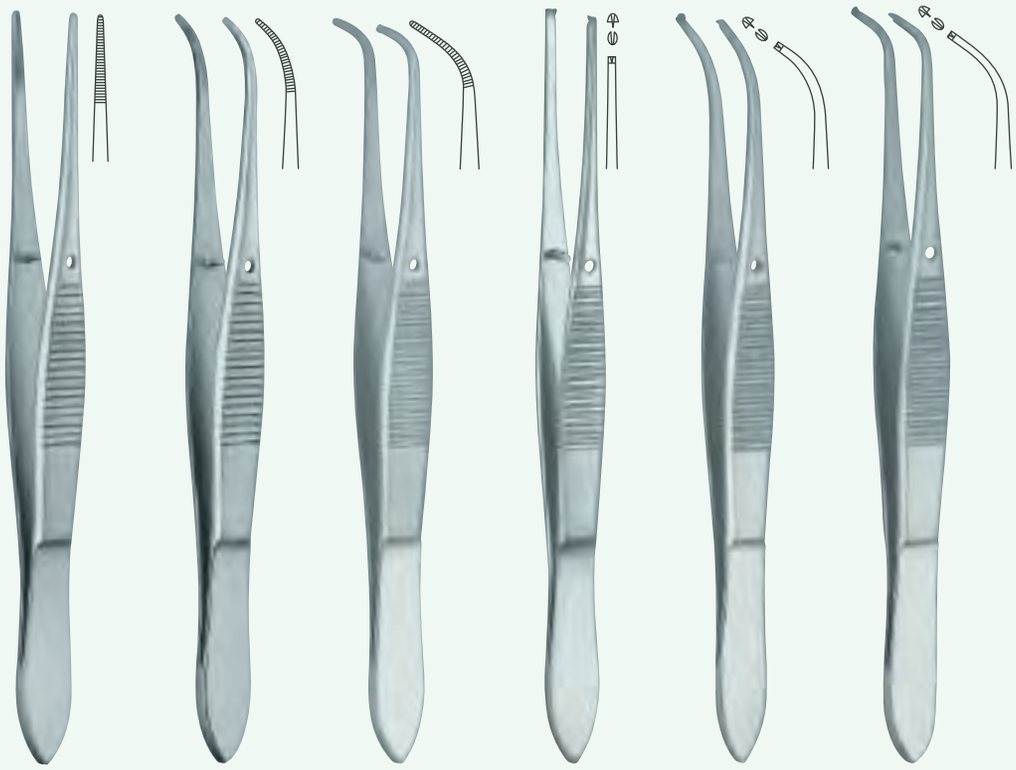
1x2 teeth



Columella

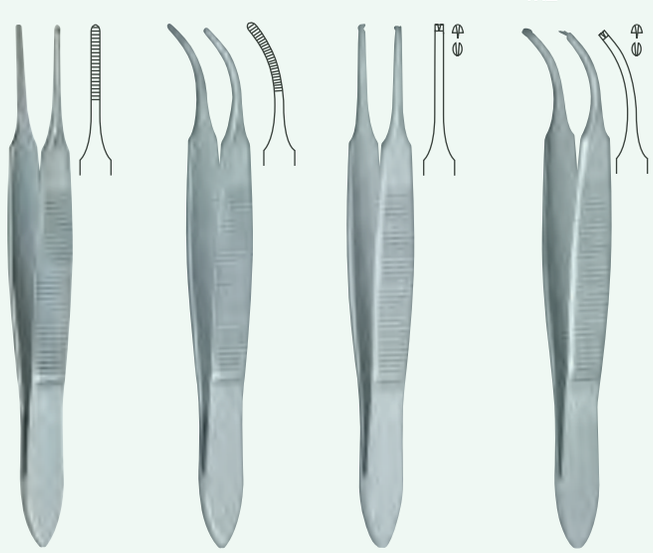
05-975-10

10.5 cm - 4 ¼"



Iris

05-976-10	05-977-10	05-978-10	05-979-10	05-980-10	05-981-10	10.5 cm - 4 ¼"
05-976-11	05-977-11	05-978-11	05-979-11	05-980-11	05-981-11	11.5 cm - 4 ¼"
05-976-12	05-977-12	05-978-12	05-979-12	05-980-12	05-981-12	12.5 cm - 4 ¼"
05-976-14	05-977-14	05-978-14	05-979-14	05-980-14	05-981-14	14.5 cm - 4 ¼"
05-976-15	05-977-15	05-978-15	05-979-15	05-980-15	05-981-15	15 cm - 4 ¼"
05-976-16	05-977-16	05-978-16	05-979-16	05-980-16	05-981-16	16 cm - 4 ¼"
Straight	Curved	Heavy curved	Straight 1x2	Curved 1x2	Heavy curved 1x2	



Graefe

05-982-07	05-983-07	05-984-07	05-985-07	0.7 mm
05-982-01	05-983-01	05-984-01	05-985-01	1.0 mm
7 cm - 2 ¾" Straight	7 cm - 2 ¾" Curved	7 cm - 2 ¾" Straight 1x2	7 cm - 2 ¾" Curved 1x2	





Finoway

05-986-09	05-987-09	9 cm - 3 ½"
05-986-10	05-987-10	10.5 cm - 4 ¼"
05-986-11	05-987-11	11.5 cm - 4 ½"
05-986-12	05-987-12	12.5 cm - 5"

smooth
glatt
lisa
lisse
liscio

05-988-09	05-989-09	9 cm - 3 ½"
05-988-10	05-989-10	10.5 cm - 4 ¼"
05-988-11	05-989-11	11.5 cm - 4 ½"
05-988-12	05-989-12	12.5 cm - 5"

serrated
gerieft
estriada
striée
zigrinato



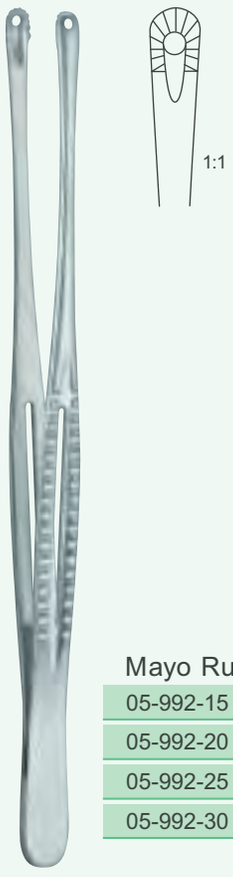
Durante

05-990-14	14.5 cm - 5 ¾"
05-990-16	16 cm - 6 ¼"
05-990-20	20 cm - 8"



Russian Model

05-991-15	15 cm - 6"
05-991-20	20 cm - 8"
05-991-25	25 cm - 9 ¾"
05-991-30	30 cm - 11 ¾"



Mayo Russian

05-992-15	15 cm - 6"
05-992-20	20 cm - 8"
05-992-25	25 cm - 9 ¾"
05-992-30	30 cm - 11 ¾"



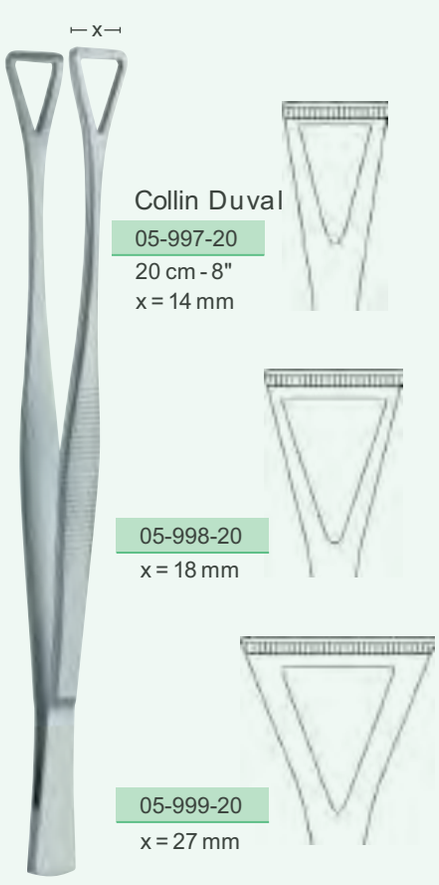
Nelson

05-993-23	23 cm - 9"



Singley-Tuttle

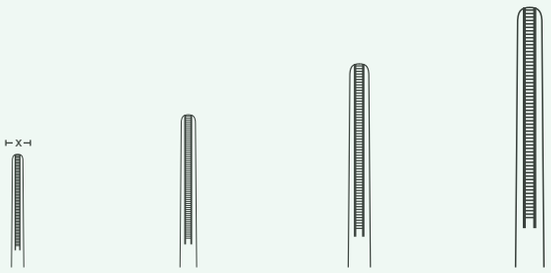
05-994-18	18 cm - 7"
05-995-23	23 cm - 9"
05-996-35	35 cm - 14"



Collin Duval

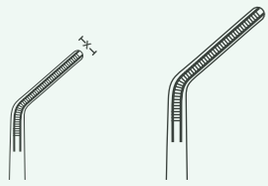
05-997-20	20 cm - 8" x = 14 mm
05-998-20	x = 18 mm
05-999-20	x = 27 mm





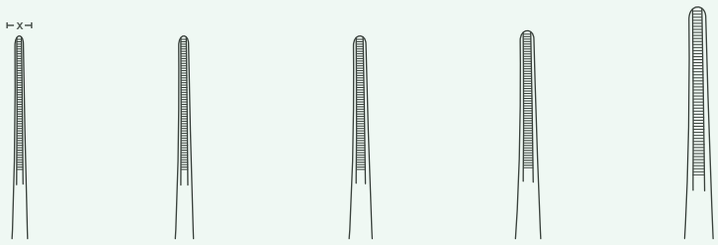
De Bakey

05-100-12	05-101-12	05-102-12	05-103-12	12 cm - 4 ¾"
05-100-14	05-101-14	05-102-14	05-103-14	14.5 cm - 5 ¾"
05-100-16	05-101-16	05-102-16	05-103-16	16 cm - 6 ½"
05-100-20	05-101-20	05-102-20	05-103-20	20 cm - 8"
05-100-24	05-101-24	05-102-24	05-103-24	24 cm - 9 ½"
05-100-30	05-101-30	05-102-30	05-103-30	30 cm - 12"
05-100-35	05-101-35	05-102-35	05-103-35	35 cm - 14"
x = 1.5 mm	x = 2.0 mm	x = 2.7 mm	x = 3.5 mm	



05-104-14	05-105-14	14.5 cm - 5 ¾"
05-104-16	05-105-16	16 cm - 6 ½"
05-104-20	05-105-20	20 cm - 8"
05-104-24	05-105-24	24 cm - 9 ½"
05-104-30	05-105-30	30 cm - 12"
x = 1.5 mm	x = 2.0 mm	

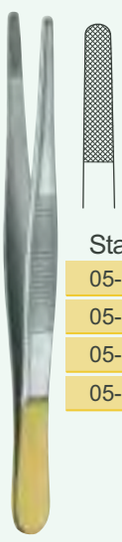




De Bakey

05-106-16	05-107-16	05-108-16	05-109-16	05-110-16	16 cm - 6 ½"
05-106-20	05-107-20	05-108-20	05-109-20	05-110-20	20 cm - 8"
05-106-24	05-107-24	05-108-24	05-109-24	05-110-24	24 cm - 9 ½"
x = 1.2 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.8 mm	

Titanium



Standard

05-111-14T	14.5 cm - 5 ¾"
05-111-20T	20 cm - 8"
05-111-25T	25 cm - 9 ¾"
05-111-30T	30 cm - 12"



Mc Indoe

05-112-15T	15 cm 6"



Potts-Smith

05-113-18T	18 cm - 7"
05-113-21T	21 cm - 8 ¼"
05-113-25T	25 cm - 9 ¾"



Adson

05-114-12T	12 cm - 4 ¾"
05-114-15T	15 cm - 6"



Wangensteen

05-115-15T	15 cm - 6"
05-115-23T	23 cm - 9"



Cushing

05-116-17T	17.5 cm - 7"



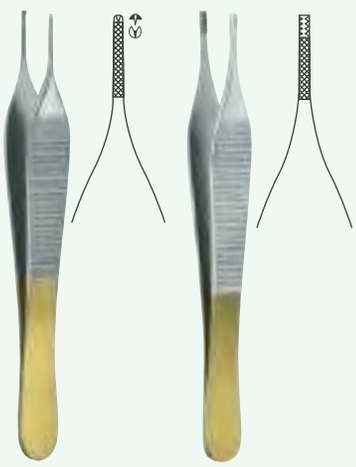
Taylor

05-117-18T	18 cm - 7"



Adson

05-118-12T	12 cm - 4 ¾"
05-118-15T	15 cm - 6"



Adson-Micro

05-119-12T	
05-119-15T	

Adson-Brown

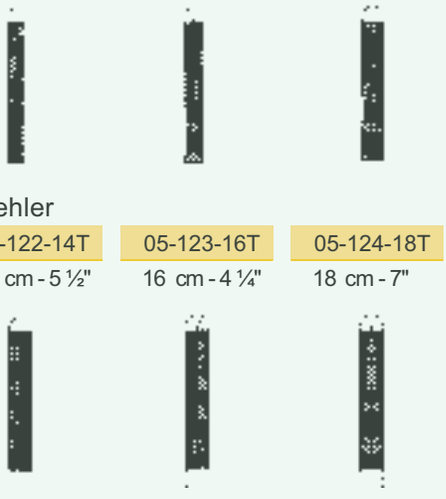
05-120-12T	
05-120-15T	



Gillies

05-121-15T	15 cm - 6"





Oehler

05-122-14T	05-123-16T	05-124-18T
14 cm - 5 ½"	16 cm - 4 ¼"	18 cm - 7"
05-125-20T	05-126-25T	05-127-30T
20 cm - 8"	25 cm - 9 ¾"	30 cm - 12"



De Bakey

05-128-15T	
05-128-19T	
05-128-24T	

x = 1.5 mm



05-129-15T	15 cm - 6"
05-129-19T	19 cm - 7 ½"
05-129-24T	24 cm - 9 ½"

x = 2.0 mm



Feilchenfeld

05-130-07	7.5 cm - 3"
05-130-09	9 cm - 3½"
05-130-11	11.5 cm - 4 ½"



Hunter

05-131-10



05-132-10 10.5 cm - 4 ¼"



Walter - Carmalt

05-133-10

05-134-10 10.5 cm - 4 ½"



Magnifier

05-135-08

8 cm - 3 ¼"



05-130-01

Magnetic eye loop



Morga

05-136-08	8 cm - 3¼"
05-136-10	10 cm - 4"
05-136-12	12.5 cm - 5"



Beer
05-137-09
9 cm - 3 ½"



Douglas
05-138-09
05-139-09
9 cm - 3 ½"



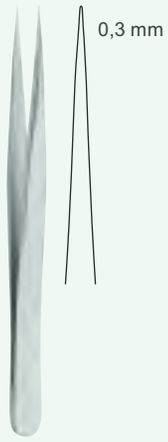
Littauer
05-140-08
8.5 cm - 3 ¼"
05-141-09
9 cm - 3 ½"



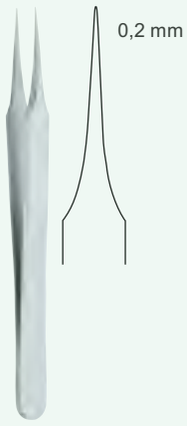
Gradle
05-142-09
9.5 cm - 3 ¾"



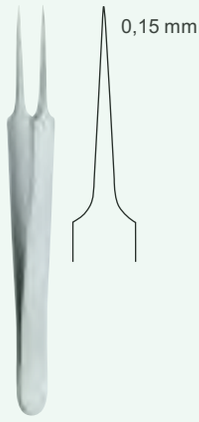
Barraquer
05-143-10
10.5 cm - 4 ¼"



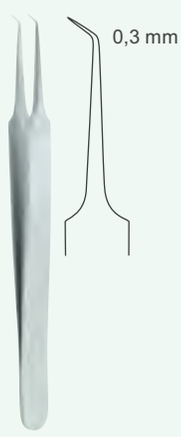
Jeweler
Fig. 1
05-175-12
12 cm - 4 ¾"



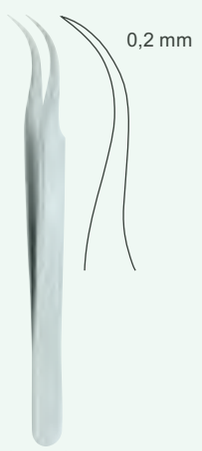
Jeweler
Fig. 2
05-176-11
11 cm - 4 ¼"



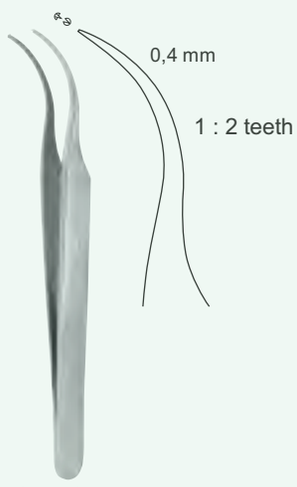
Jeweler
Fig. 3
05-177-11
11 cm - 4 ¼"



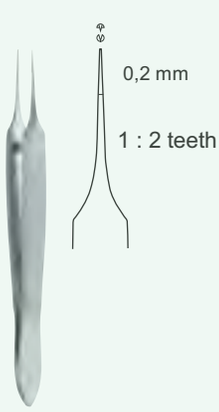
Jeweler
Fig. 4
05-178-11
11 cm - 4 ¼"



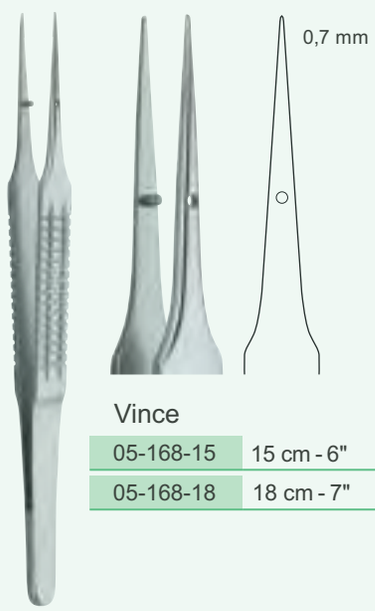
Jeweler
Fig. 5
05-179-11
11.5 cm - 4 ½"



Jeweler
Fig. 6
05-180-11
11.5 cm - 4 ½"

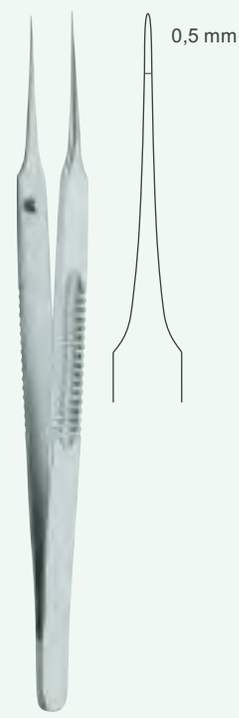


Steven
05-184-09
9.5 cm - 3 ¾"



Vince

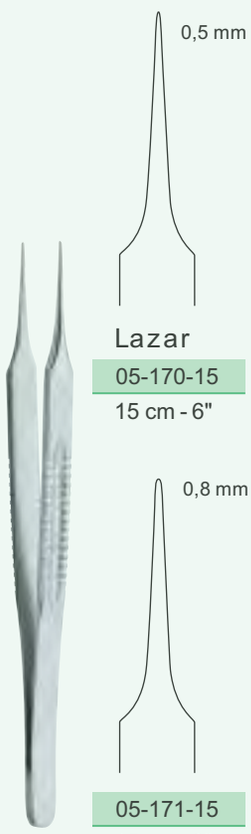
05-168-15	15 cm - 6"
05-168-18	18 cm - 7"



Harry

05-169-18

18 cm - 7"



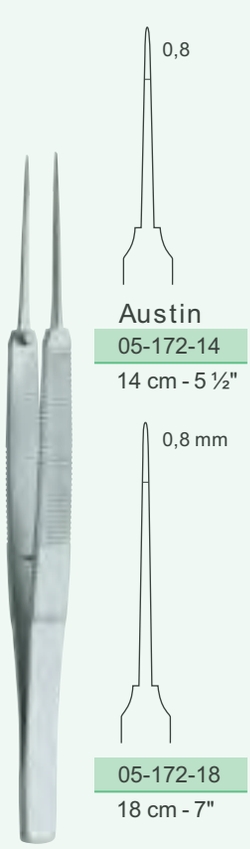
Lazar

05-170-15

15 cm - 6"

05-171-15

15 cm - 6"



Austin

05-172-14

14 cm - 5 ½"

05-172-18

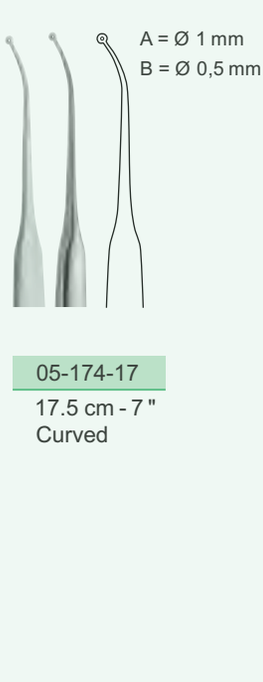
18 cm - 7"



Gerald

05-173-17

17.5 cm - 7"
Straight



05-174-17

17.5 cm - 7 "
Curved



De Bakey

05-156-18	05-157-17	18 cm - 7"
05-156-21	05-157-21	21 cm - 8 ¼"
1,2 mm	2 mm	





3mm

Jaw spoon shaped

Tumor Grasping

05-190-22

22 cm - 8 ¾ "



3 mm

Jaw flat serrated

05-191-22

22 cm - 8 ¾ "



3 mm

Jaw curette shaped

05-192-22

22 cm - 8 ¾ "



5 mm

Jaw spoon shaped

05-193-22

22 cm - 8 ¾ "



5 mm

Jaw flat serrated

05-194-22

22 cm - 8 ¾ "



5 mm

Jaw curette shaped

05-195-22

22 cm - 8 ¾ "



Ø 3 mm

Ø 5 mm

Ø 7 mm

Tumor Grasping

05-271-22	05-272-22	05-273-22	22 cm - 8 ¾ "
05-271-24	05-272-24	05-273-24	24 cm - 9 ½"

Ø 3 mm

05-274-22

Ø 3

05-275-22 22 cm - 8 ¾ "

Ø 5 mm

05-276-22

Ø 5 mm

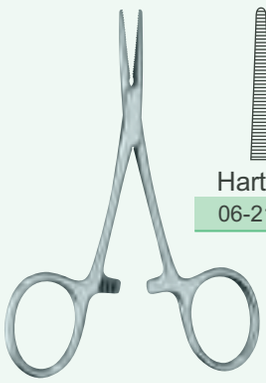
05-277-22 22 cm - 8 ¾ "

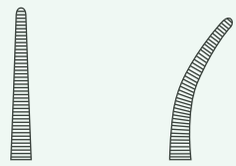


06

Artery - Haemostatic Forceps
Arterie - Blutstillende Pinzette
Arteria - Pinzas hemostáticas
Artère - Pince hémostatique
Arteria - Forcipe emostatico

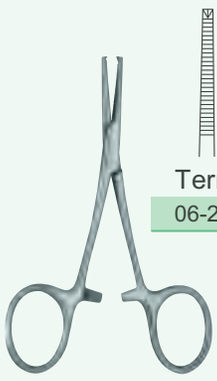
surgimax™
saving lives

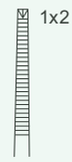




Hartmann

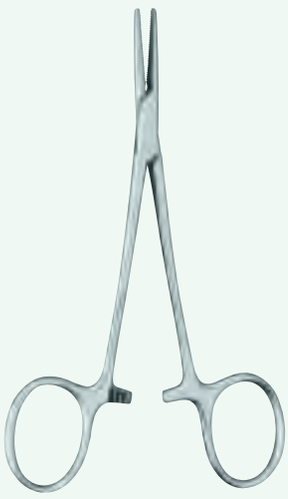
06-211-10	06-212-10	10 cm - 4”

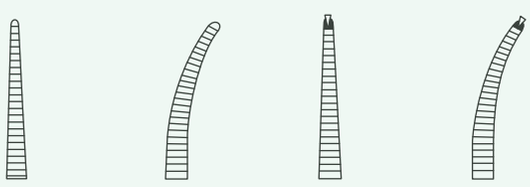




Terrier

06-213-08	8.5 cm - 3 ¾”



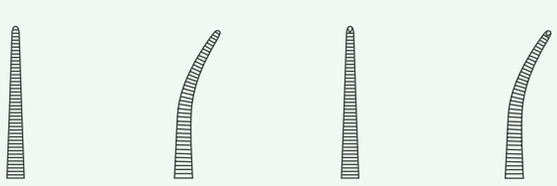


Halsted-Mosquito

06-214-12	06-215-12	06-216-12	06-217-12	12.5cm - 5”	06-215-01 12.5cm - 5” Str
06-214-14	06-215-14	06-216-14	06-217-14	14 cm - 5 ½”	06-215-00 12.5cm - 5” Cvd
		1x2	1x2		Plain

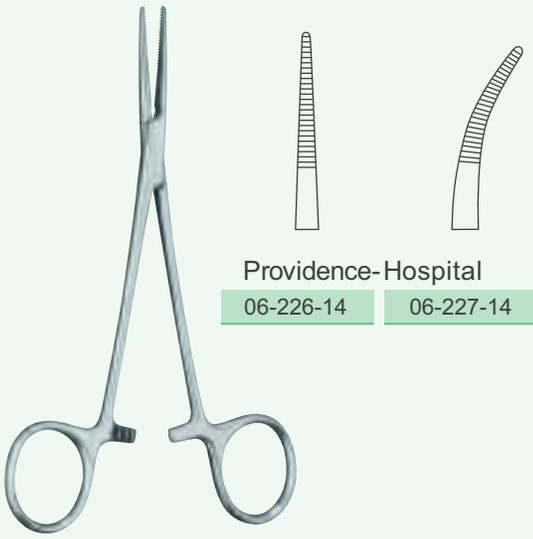
06-218-12	06-219-12	06-220-12	06-221-12	12.5 cm - 5”
Titanium Titan Titanio Titane Titanio		1x2	1x2	





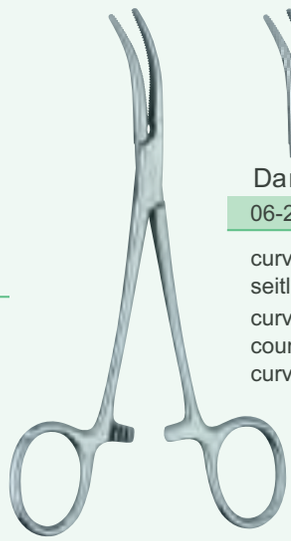
Micro-Mosquito

06-222-10	06-223-10	06-224-10	06-225-10	10 cm - 4”
06-222-12	06-223-12	06-224-12	06-225-12	12 cm - 4 ¾”
		1x2	1x2	



Providence- Hospital

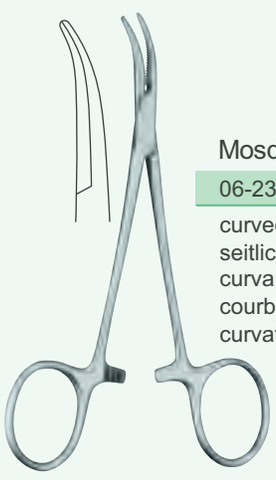
06-226-14	06-227-14	14 cm - 5 ½”



Dandy

06-228-14	06-229-14	14 cm - 5 ¾”

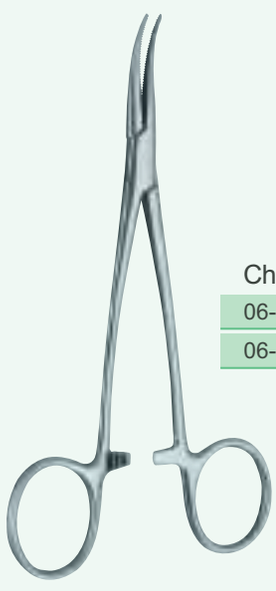
curved to the side 1x2
seitlich gebogen
curva al lado
courbe sur le plat
curvata lateralmente



Mosquito- Dandy

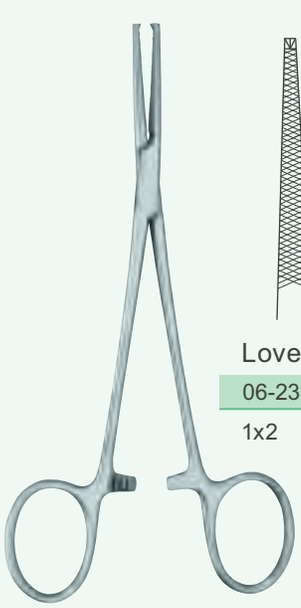
06-230-12	12 cm - 4 ¾”

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



Christophe

06-231-13	13 cm - 4”
06-232-15	15 cm - 6”



Lovelace

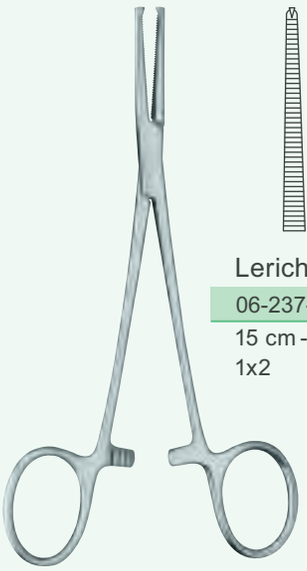
06-233-15	06-234-15	15.5 cm - 6”

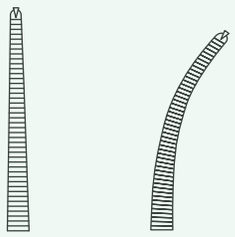
1x2



Leriche

06-235-15	06-236-15	15 cm - 6”

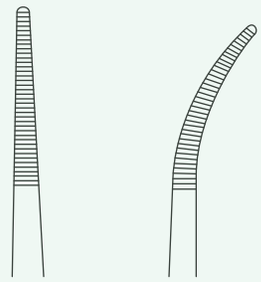




Leriche

06-237-15	06-238-15
15 cm - 6”	15 cm - 6”
1x2	1x2





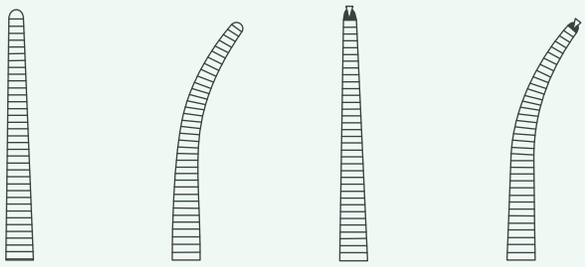
Kelly

06-239-14	06-240-14	14 cm - 5 ½”

Kelly-Rankin

06-241-16	06-242-16	16 cm - 6 ¼”





Crile

06-245-14	06-246-14	06-247-14	06-248-14	14 cm - 5 ½”
		1x2	1x2	

Crile-Rankin

06-249-16	06-250-16	06-251-16	06-252-16	16 cm -6 ¼”
		1x2	1x2	

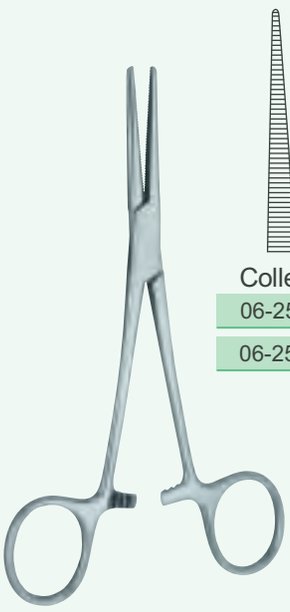


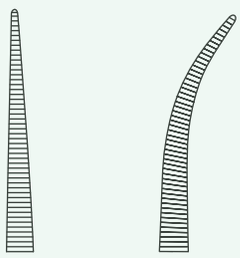
Spencer-Wells (Str)

06-257-01	06-257-02	06-257-03	06-257-04	06-257-05	06-257-06
13 cm - 5¼”	14 cm - 5½”	15.5 cm - 5¼”	18 cm - 6¼”	20 cm - 7¾”	23 cm - 9”

Spencer-Wells (Cvd)

06-257-08	06-257-09	06-257-10	06-257-11	06-257-12	06-257-13
13 cm - 5¼”	14 cm - 5½”	15.5 cm - 5¼”	18 cm - 6¼”	20 cm - 7¾”	23 cm - 9”

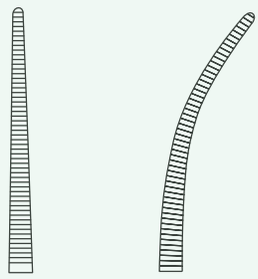




Coller

06-255-14	06-256-14	14 cm - 5 ½”
06-255-16	06-256-16	16 cm - 6 ¼”

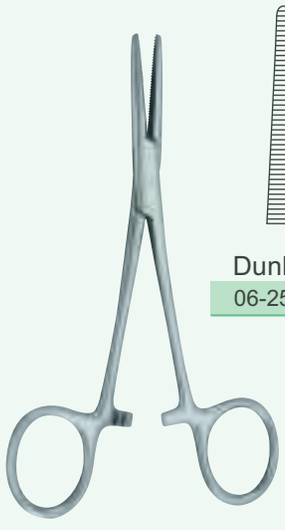




Pean

06-257-13	06-258-13	13 cm - 5”
06-257-14	06-258-14	14 cm - 5 ½”
06-257-16	06-258-16	16 cm - 6 ¼”

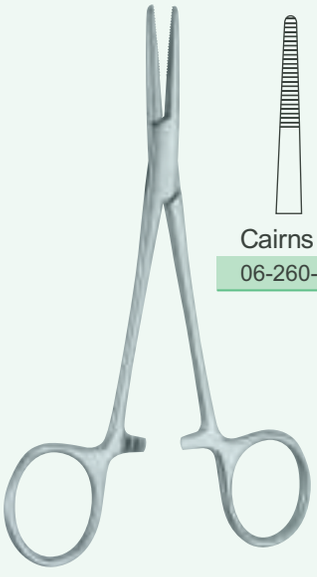
delicate pattern
graziles Modell
modelo delicado
modèle délicat
modello delicato

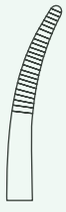




Dunhill

06-259-12	12.5 cm - 5”

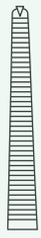


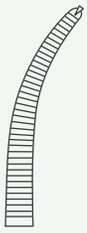


Cairns

06-260-15	06-261-15	15 cm - 6”





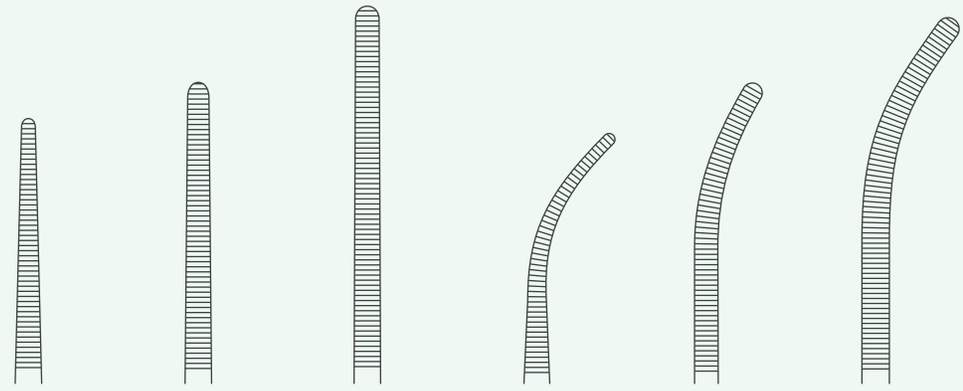


Kocher

06-262-13	06-263-13	13 cm - 5”
06-262-14	06-263-14	14 cm - 5 ½”
06-262-16	06-263-16	16 cm - 6 ¼”
1x2	1x2	

delicate pattern
graziles Modell
modelo delicado
modèle délicat
modello delicato

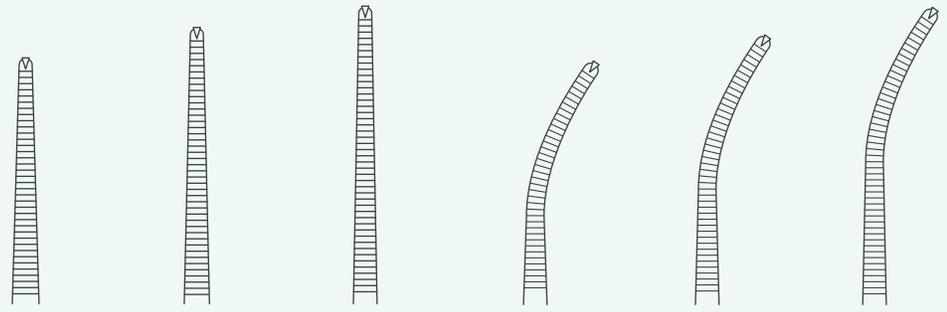




Pean- Fino

06-264-14	06-265-16	06-266-18	06-267-14	06-268-16	06-269-18
14.5 cm - 5 ½”	16.5 cm - 6 ½”	18.5 cm - 7 ¼”	14 cm - 5 ½”	16 cm - 6 ¼”	18 cm - 7”

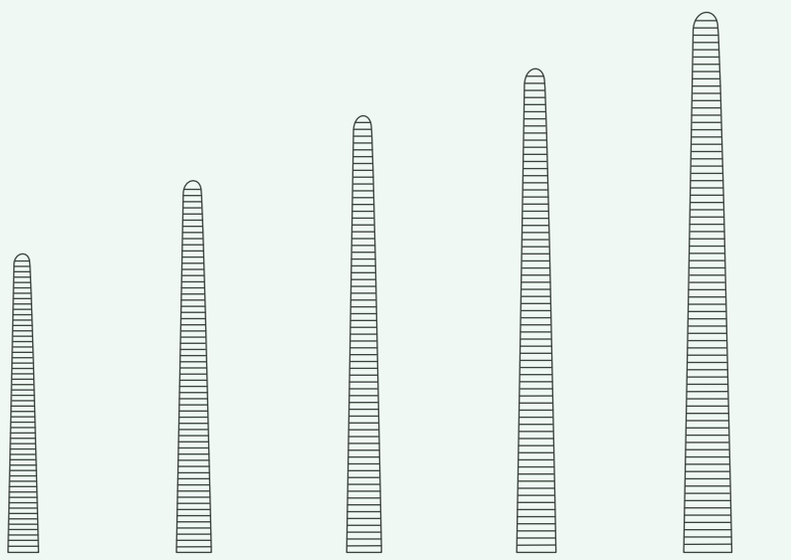




Kocher- Fino

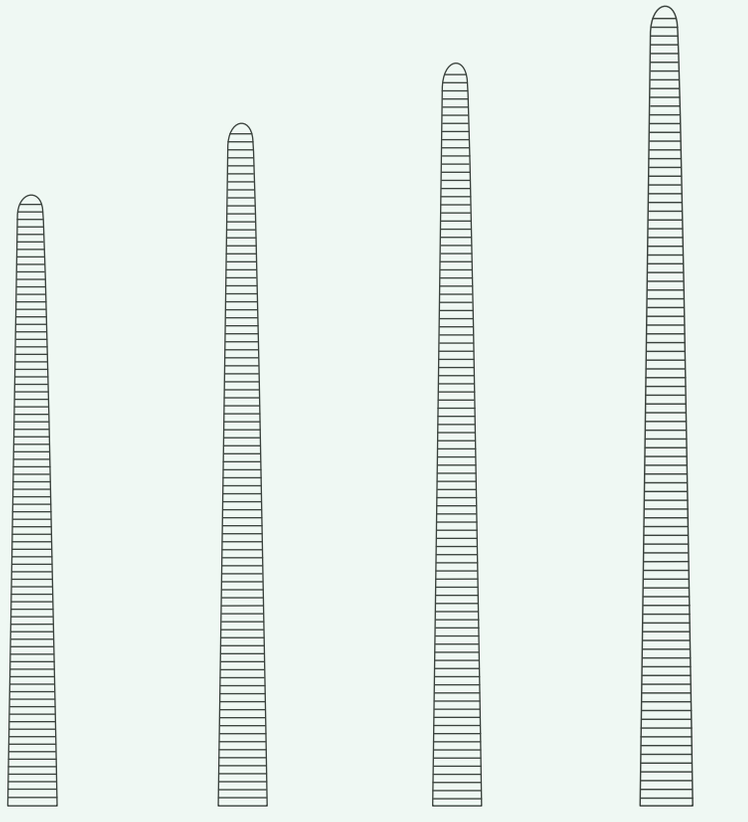
06-270-14	06-271-16	06-272-18	06-273-14	06-274-16	06-275-18
14.5 cm - 5 ¾” 1x2	16.5 cm - 6 ½” 1x2	18.5 cm - 7 ¼” 1x2	14 cm - 5 ½” 1x2	16 cm - 6 ¼” 1x2	18 cm - 7” 1x2



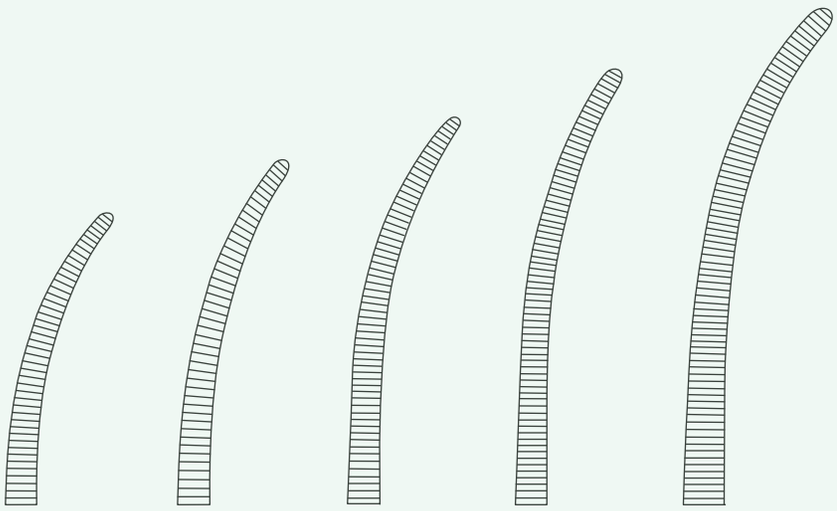


Rochester - Pean

06-276-14	06-277-16	06-278-18	06-279-20	06-280-22
14 cm - 5 ½”	16 cm - 6 ¼”	18 cm - 7”	20 cm - 8”	22 cm - 8 ¾”

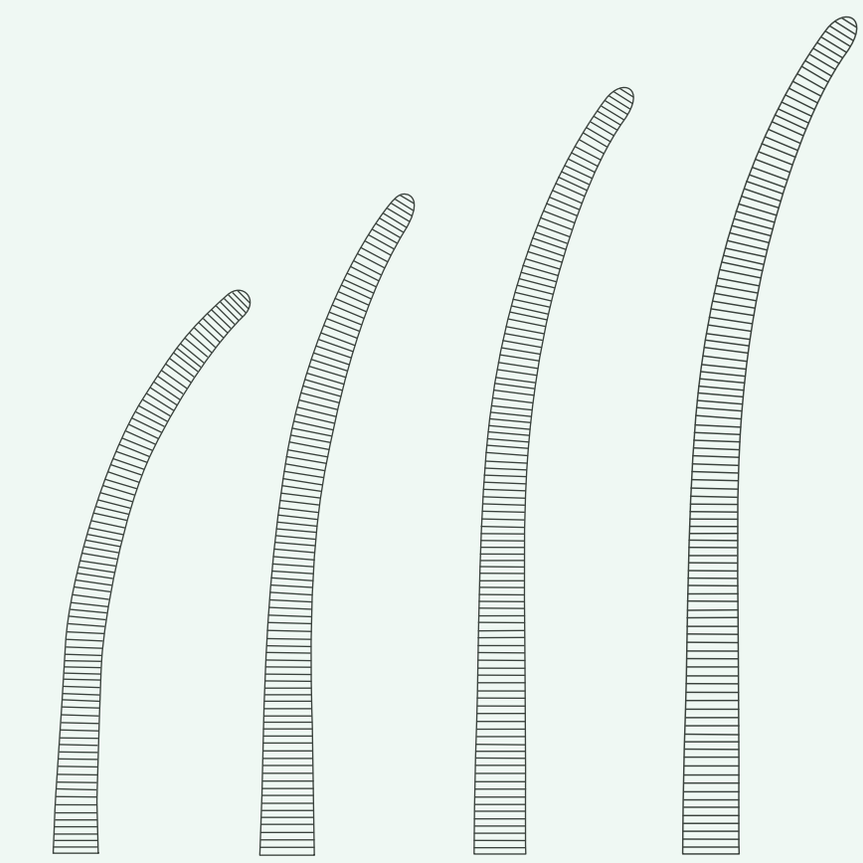


06-281-24	06-282-26	06-283-30	06-284-35
24 cm - 9 ½”	26 cm - 10 ¼”	30 cm 12”	35 cm - 14”



Rochester - Pean

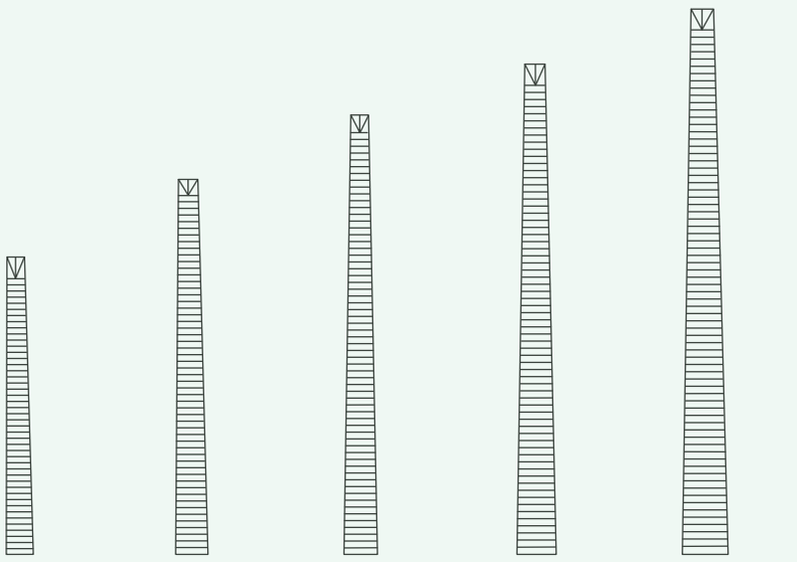
06-285-14	06-286-16	06-287-18	06-288-20	06-289-22
14 cm - 5 ½”	16 cm - 6 ¼”	18 cm 7”	20cm 8”	22 cm - 8 ¾”



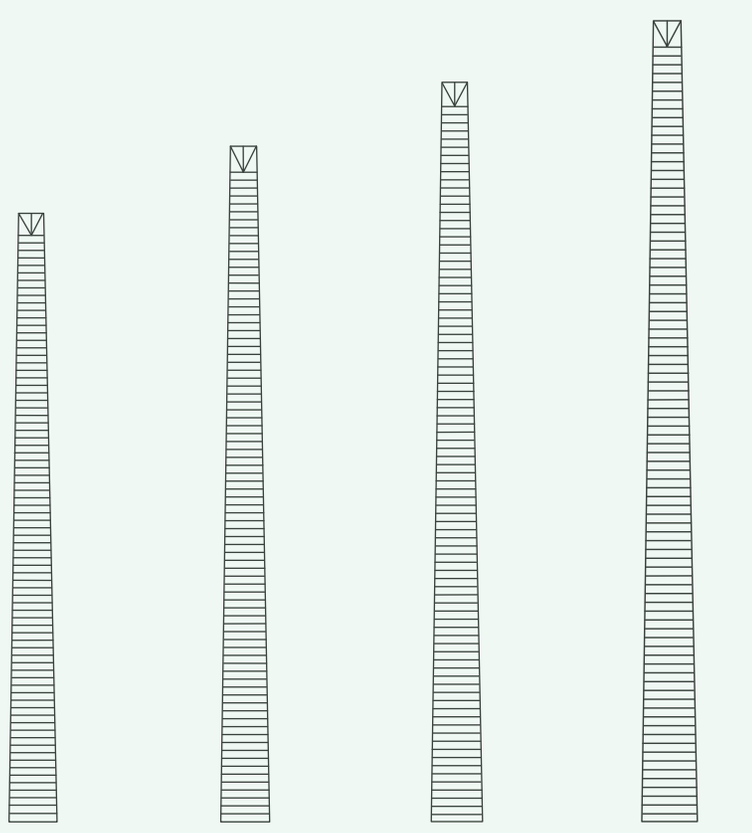
06-290-24	06-291-26	06-292-30	06-293-35
24 cm - 9 ½”	26 cm - 10 ¼”	30 cm - 12"	35 cm - 14”



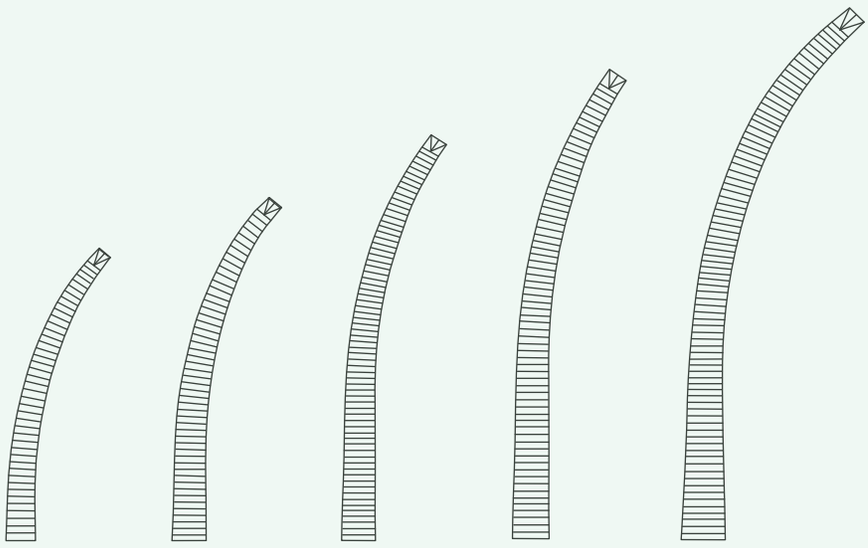
Kocher



06-294-14	06-295-16	06-296-18	06-297-20	06-298-22
14 cm - 5 ½" 1x2	16 cm - 6 ¼" 1x2	18 - cm 7" 1x2	20 - cm 8" 1x2	22 cm - 8 ¾" 1x2

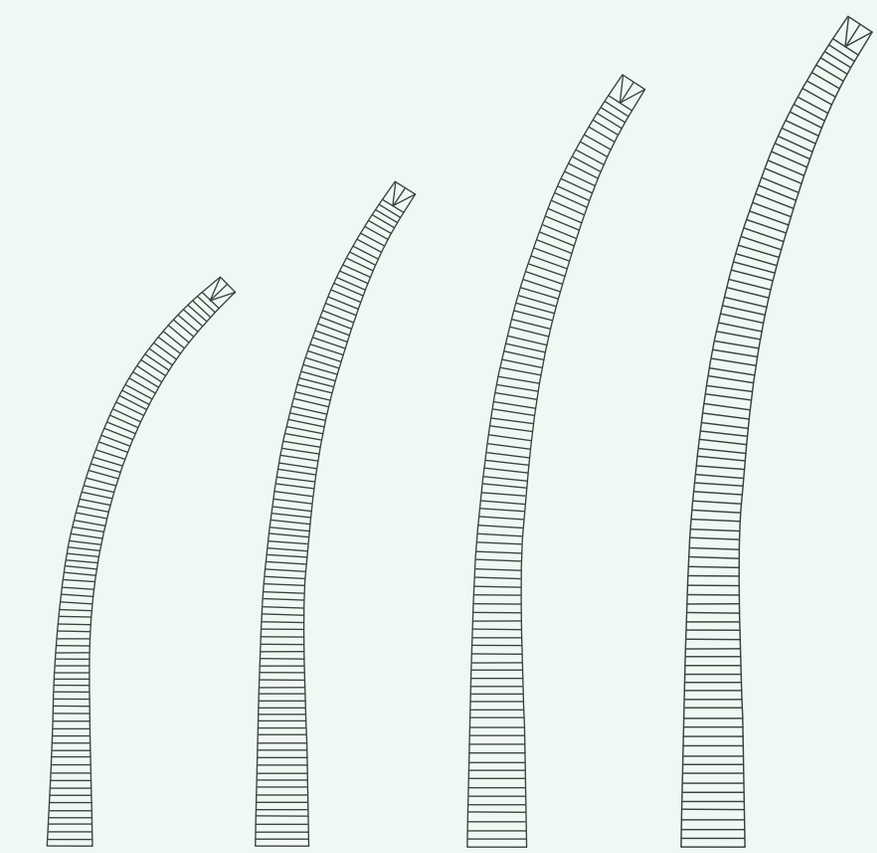


06-299-24	06-300-26	06-301-30	06-302-35
24 cm - 9 ½" 1x2	26 cm - 10 ¼" 1x2	30 cm - 12" 1x2	35 cm - 14" 1x2

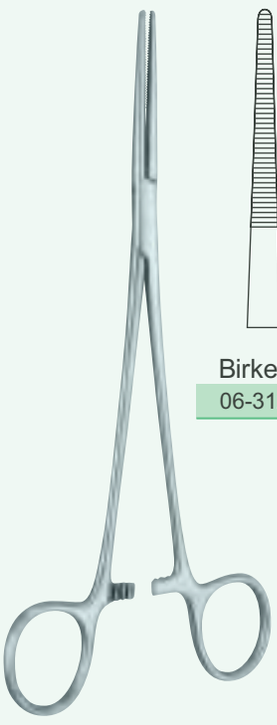


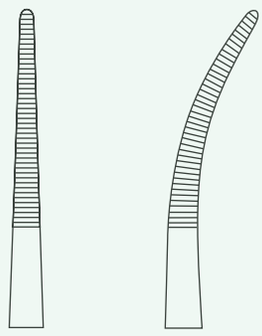
Kocher

06-303-14	06-304-16	06-305-18	06-306-20	06-307-22
14 cm - 5 ½" 1x2	16 cm - 6 ¼" 1x2	18 - cm 7" 1x2	20 - cm 8" 1x2	22 cm - 8 ¾" 1x2



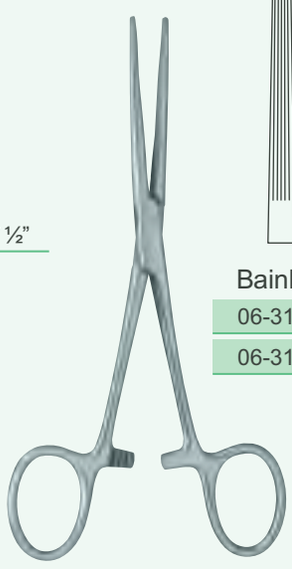
06-308-24	06-309-26	06-310-30	06-311-35
24 cm - 9 ½" 1x2	26 cm - 10 ¼" 1x2	30 cm - 12" 1x2	35 cm - 14" 1x2

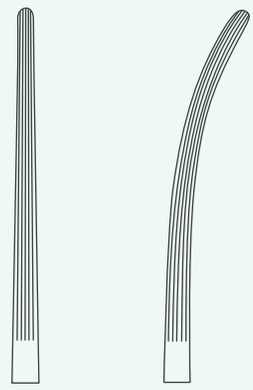




Birket

06-312-19	06-313-19	19 cm - 7 ½”





Bainbridge

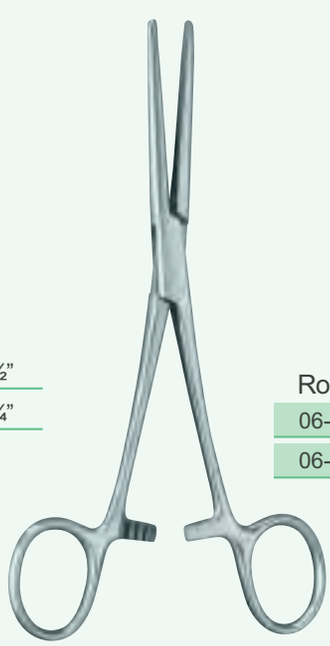
06-314-15	06-315-15	15 cm - 6”
06-314-18	06-315-18	18.5 cm - 7 ¼”

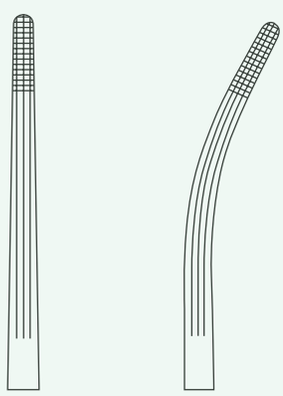




Pean

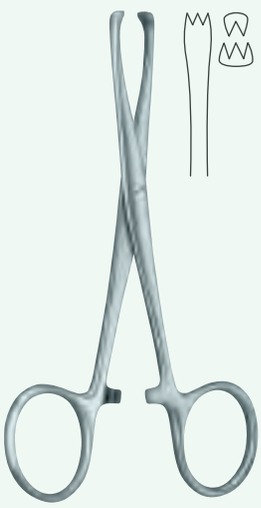
06-316-14	14 cm - 5 ½”
06-316-22	16 cm - 6 ¼”





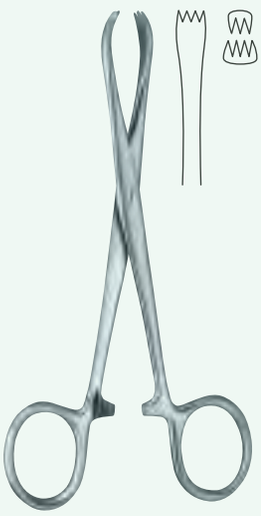
Rochester-Carmalt

06-317-16	06-318-16	16 cm - 6 ¼”
06-317-20	06-318-20	20 cm - 8”



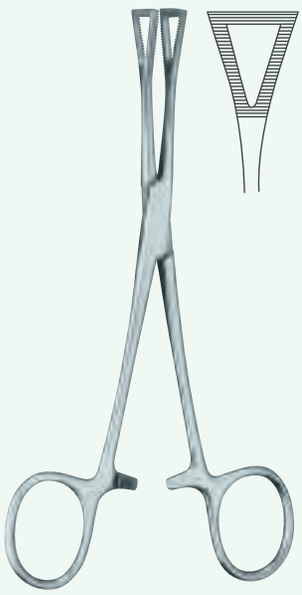
Chaput

06-319-13	13 cm - 5”



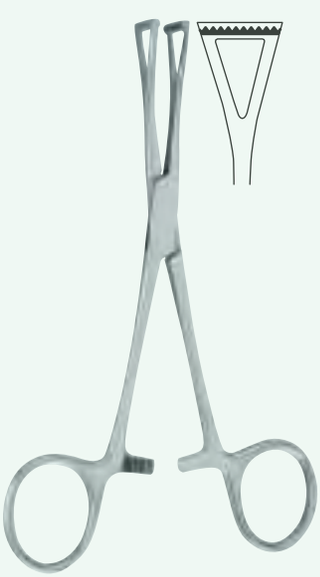
Tuffier

06-320-13	13 cm - 5”



Pennington

06-321-15	15.5 cm - 6”
06-321-20	20 cm - 8”



Duval

06-322-14	14 cm - 5 ½”



Pratt

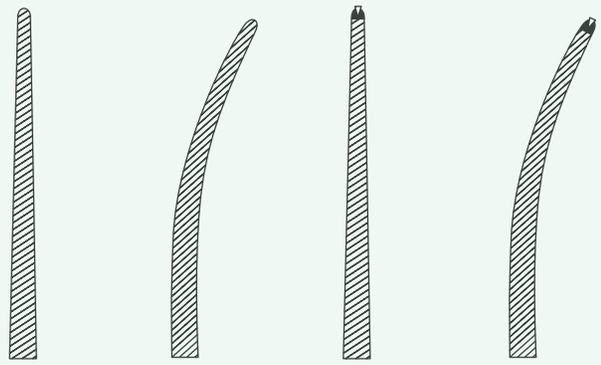
06-323-15	15 cm - 6”



Martel

06-324-14	14 cm - 5 ½”

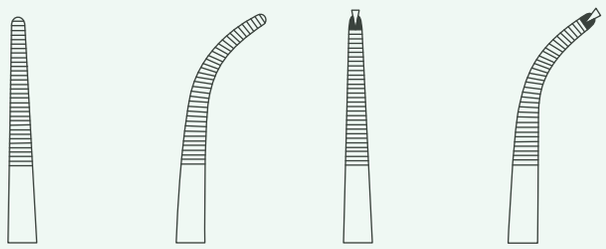




Bengolea

06-337-20	06-338-20	06-339-20	06-340-20	20 cm - 8”
06-337-26	06-338-26	06-339-26	06-340-26	26 cm - 10 ¼”
		1x2	1x2	

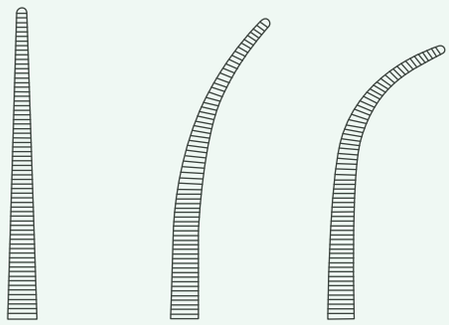




Adson

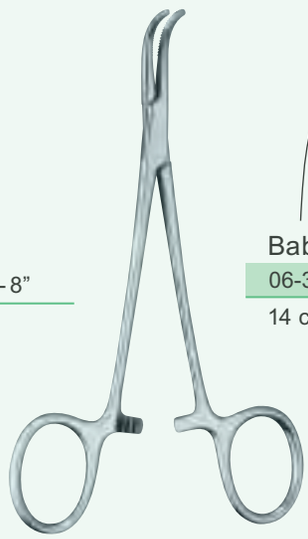
06-341-18	06-342-18	06-343-18	06-344-18	18.5 cm - 7 ¼”
		1x2	1x2	

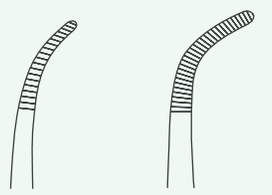




Heiss

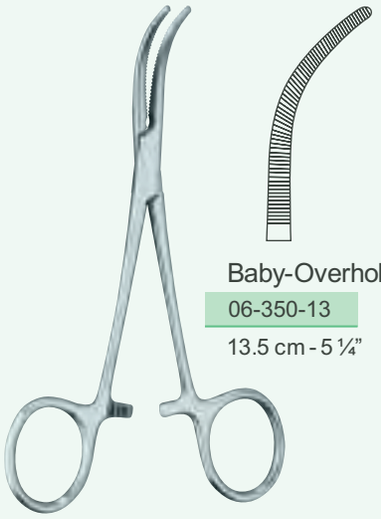
06-345-20	06-346-20	06-347-20	20 cm - 8”





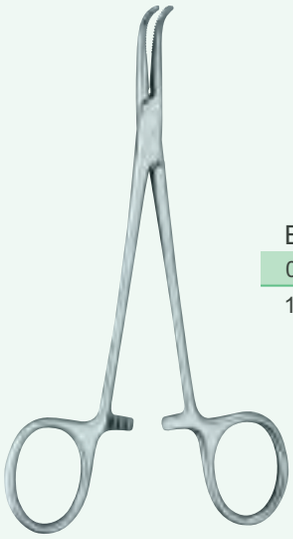
Baby-Mixter

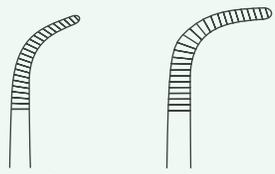
06-348-14	06-349-18
14 cm - 5 ½”	18 cm - 7”



Baby-Overholt

06-350-13
13.5 cm - 5 ¼”

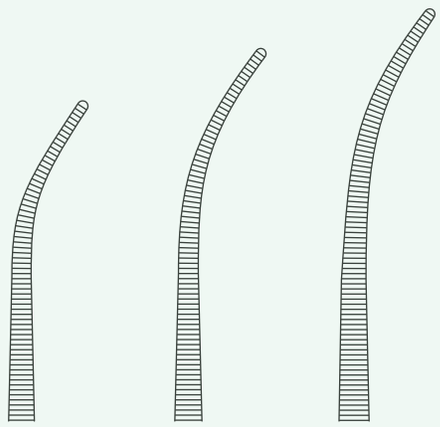




Baby-Adson

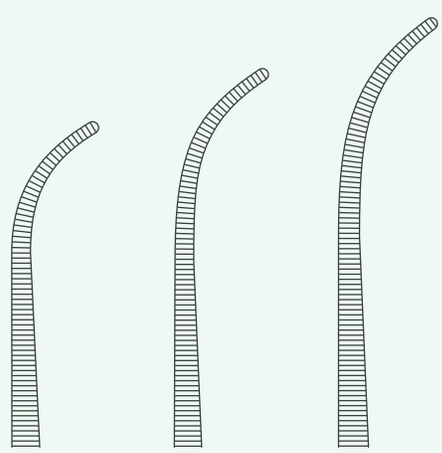
06-351-14	06-352-18
14 cm - 5 ½”	18 cm - 7”





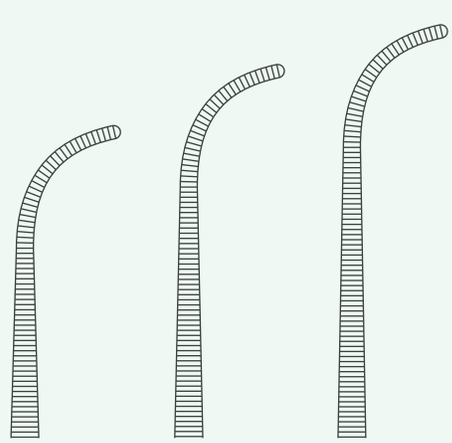
Kelly-Fraser

06-353-19	06-354-22	06-355-24
Fig. 1 19.5 cm - 7 ¾”	Fig. 1 22 cm - 8 ¾”	Fig. 1 24 cm - 9 ¾”



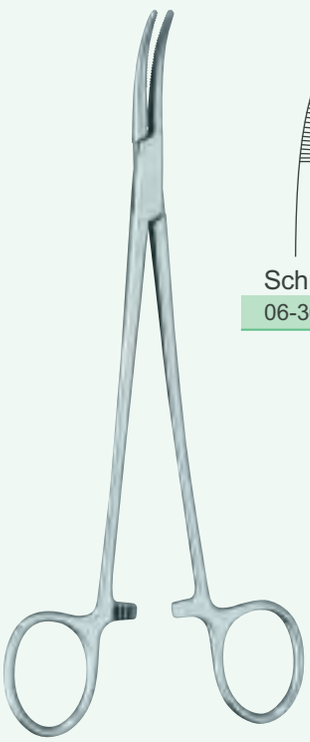
Kelly-Fraser

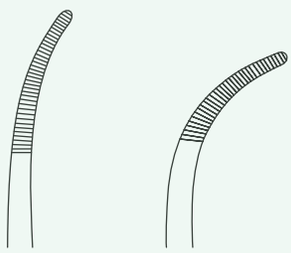
06-356-19	06-357-22	06-358-24
Fig. 2 19 cm - 7 ½”	Fig. 2 22 cm - 8 ¾”	Fig. 2 24 cm - 9 ½”



Kelly-Fraser

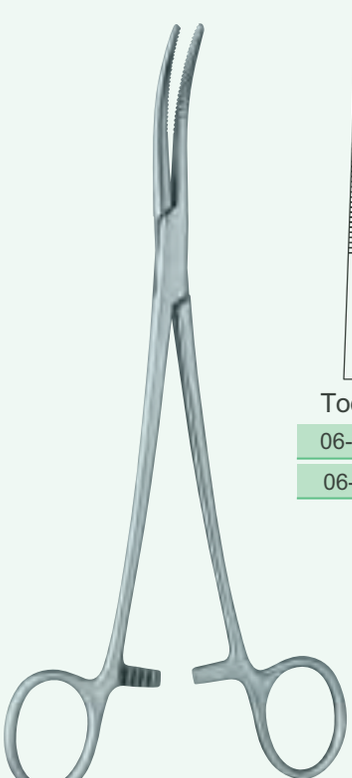
06-359-18	06-360-21	06-361-23
Fig. 3 18.5 cm - 7 ¼”	Fig. 3 21.5 cm - 8 ½”	Fig. 3 23.5 cm - 9 ¼”

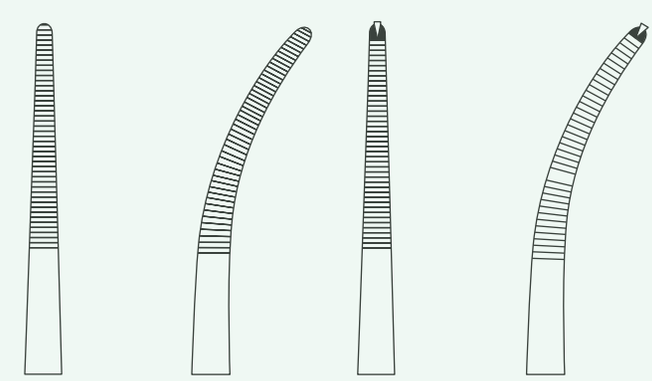




Schnidt

06-362-19	06-363-19	19 cm - 7 ½”

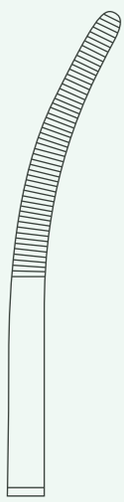




Toennis

06-364-21	06-365-21	06-366-21	06-367-21	21 cm - 8 ¼”
06-364-26	06-365-26	06-366-26	06-367-26	26 cm - 10 ¼”
		1x2	1x2	

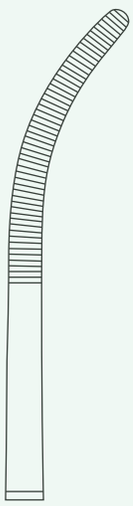




Rumel

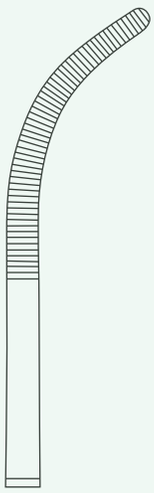
06-368-23

Fig. 2



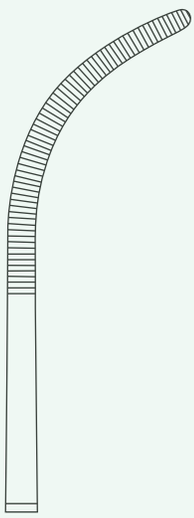
06-369-23

Fig. 2



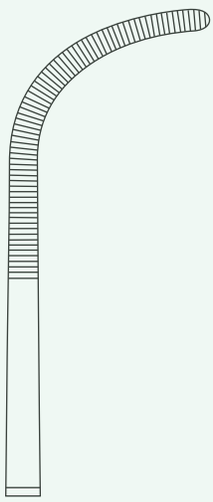
06-370-23

Fig. 3



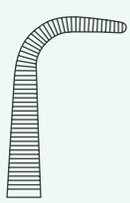
06-371-23

Fig. 4



06-372-23 23 cm - 9”

Fig. 5

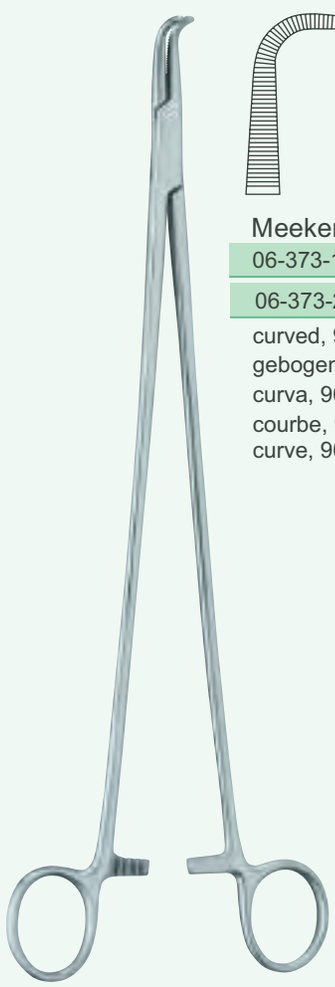


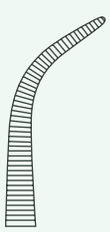
Meeker

06-373-18 18 cm - 7”

06-373-27 27.5 cm - 10 ¾”

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

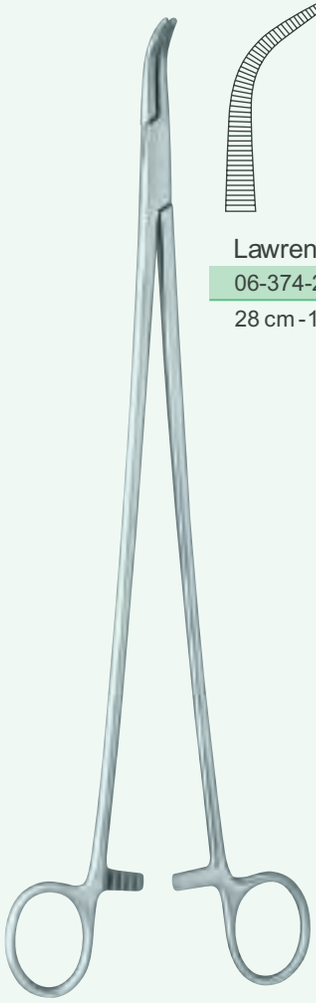




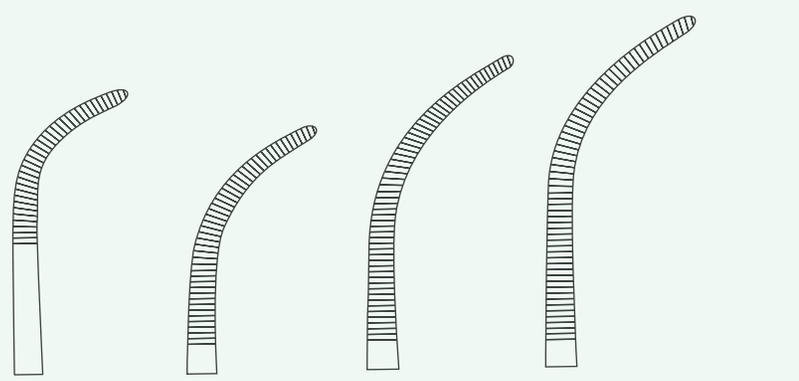
Lawrence

06-374-28

28 cm - 11”

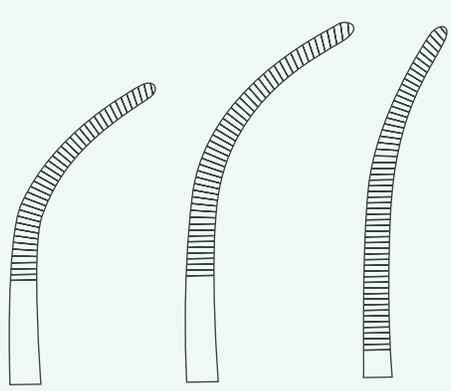






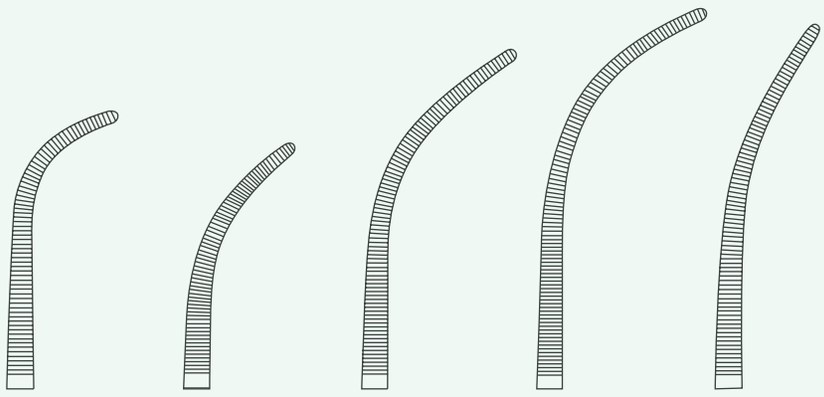
Overholt-Geissendoerfer

06-375-21	06-376-21	06-377-21	06-378-21	21 cm - 8 ¼"
06-375-27	06-376-27	06-377-27	06-378-27	27 cm - 10 ¾"
Fig. 0	Fig. 1	Fig. 2	Fig. 3	



06-379-21	06-380-21	06-381-21	21 cm - 8 ¼"
06-379-27	06-380-27	06-381-27	27 cm - 10 ¾"
Fig. 4	Fig. 5	Fig. 6	

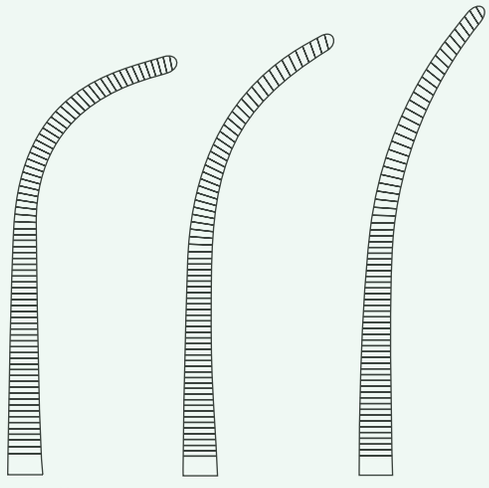




Overholt- Fino

06-382-21	06-383-21	06-384-22	06-385-23	06-386-22
Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
21.5 cm - 8 ½"	21 cm - 8 ¼"	22 cm - 8 ¾"	23 cm - 9"	22 cm - 8 ¾"

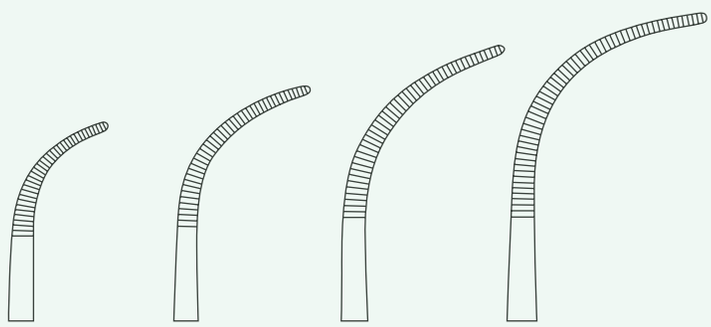




Overholt

06-387-29	06-388-29	06-389-30
Fig. 0	Fig. 1	Fig. 2
29.5 cm - 11 ½"	29.5 cm - 11 ½"	29.5 cm - 11 ½"





Overholt- Modifiziert

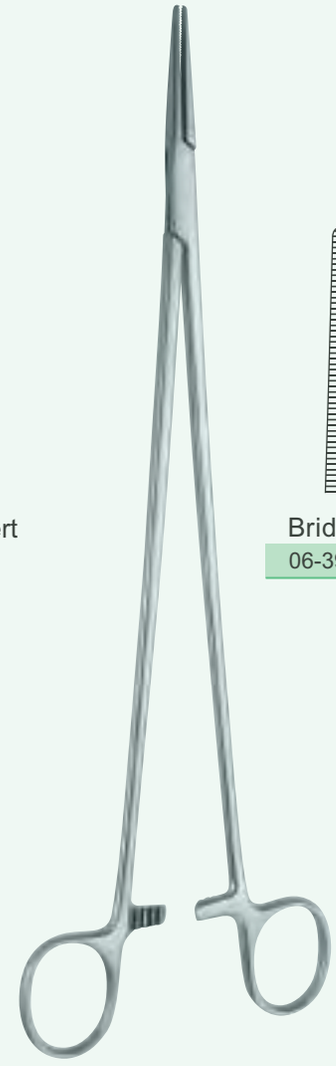
06-390-18	06-391-20	06-392-21	06-393-21
18.5 cm - 7 ¼”	20.5 cm - 8”	21 cm - 8 ¼”	21.5 cm - 8 ½”

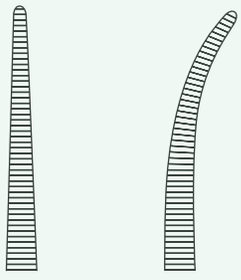
S-curved
S-förmig gebogen
curva en S
courbe en S
curve a forma di S



Overholt- Modifiziert

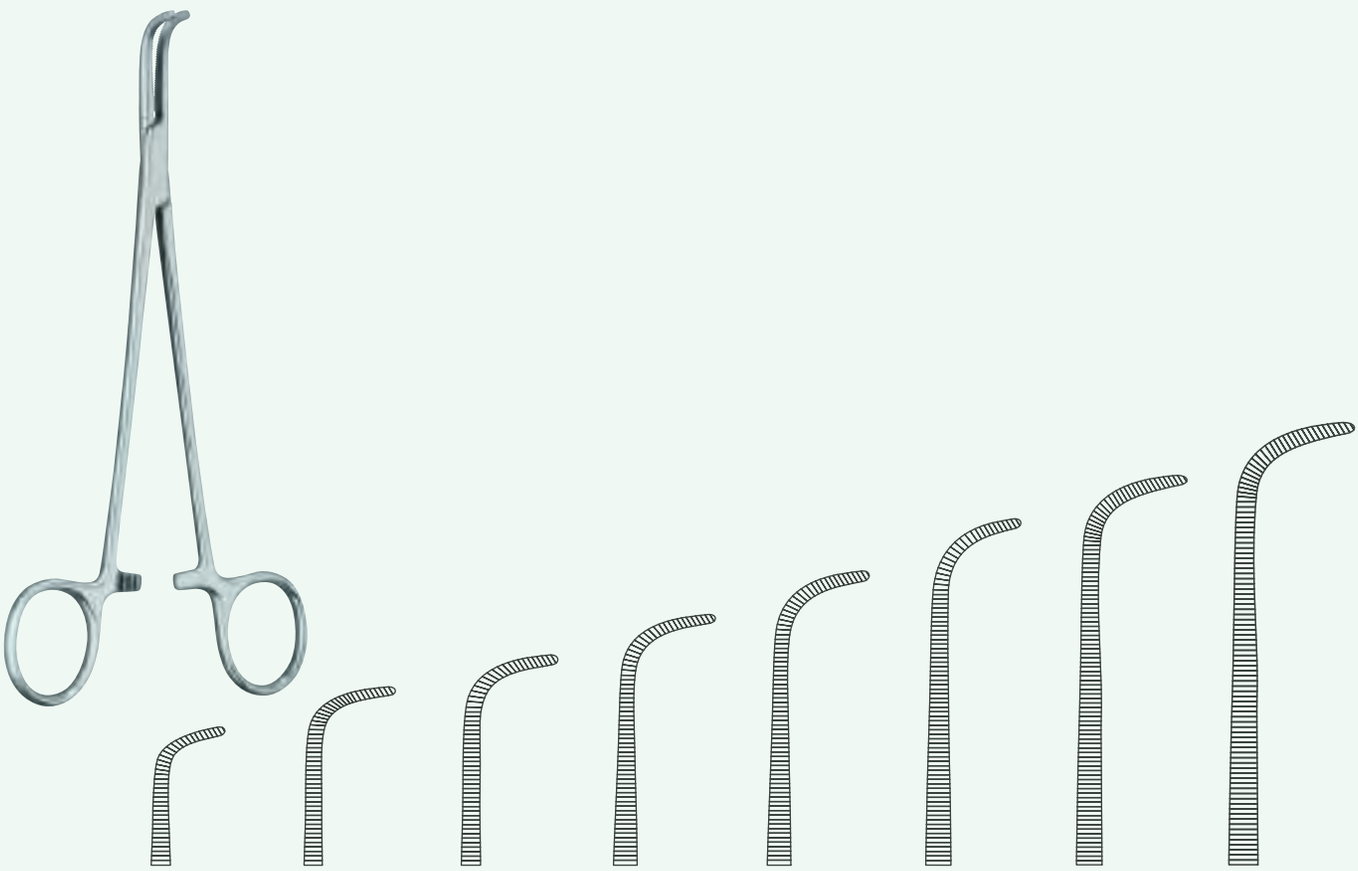
06-394-21
21 cm - 8 ¼”





Bridge

06-395-28	06-396-28	28 cm - 11”



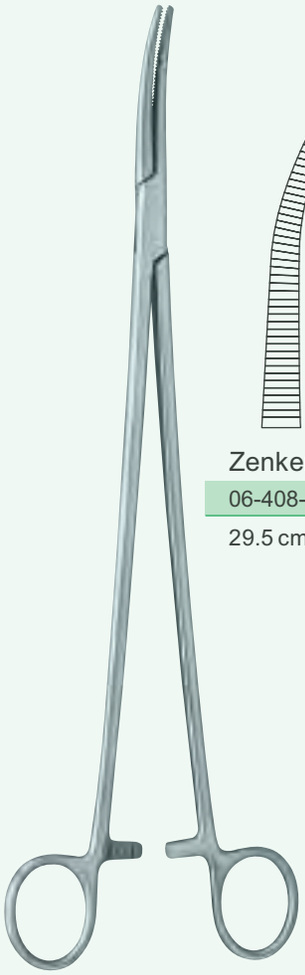
Gemini

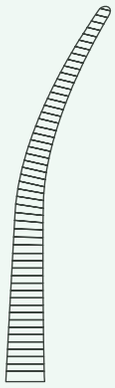
06-397-13	06-398-16	06-399-18	06-400-20	06-401-23	06-402-25	06-403-28	06-404-35
13 cm - 5”	16 cm - 6 ¼”	18 cm - 7”	20 cm - 8”	23 cm - 9”	25 cm - 9 ¾”	28 cm - 11”	35 cm - 14”

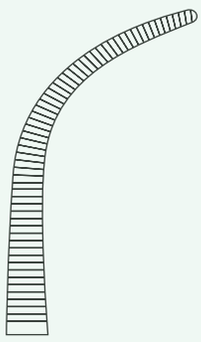


Mini-
Gemini

06-405-18	06-406-22	06-407-25	06-408-28
18 cm - 7”	22 cm - 8 ¾”	25 cm - 9 ¾”	28 cm - 11”





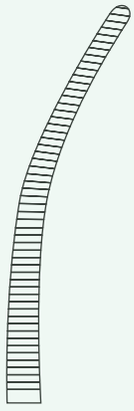


Zenker

06-408-29	06-409-29A
29.5 cm - 11 ½”	29.5 cm - 11 ½”



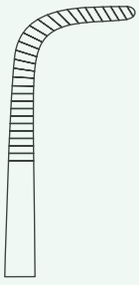




Roberts

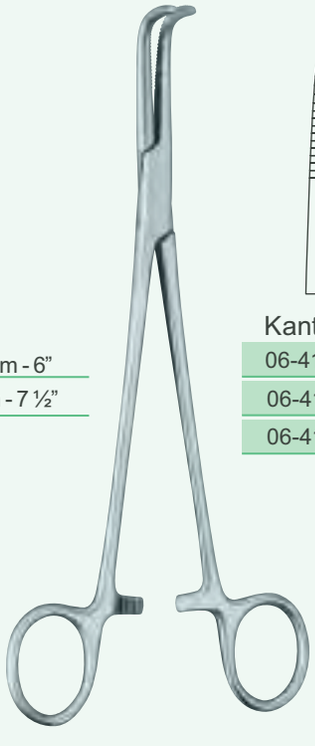
06-410-22	06-411-22
22 cm - 8 ¾”	22 cm - 8 ¾”

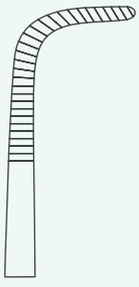




Mixter

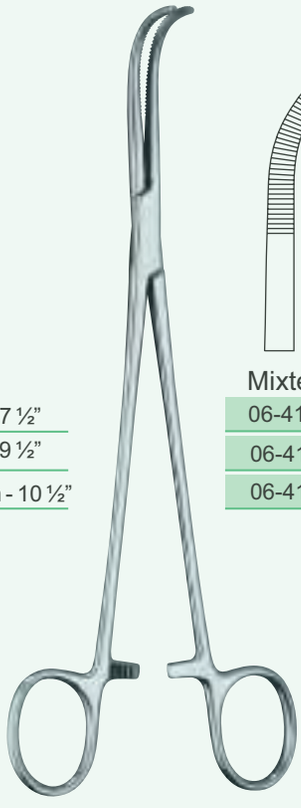
06-412-15	15.5 cm - 6”
06-412-19	19 cm - 7 ½”

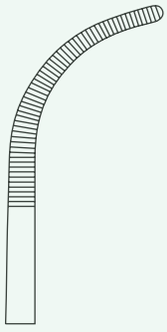




Kantrowitz

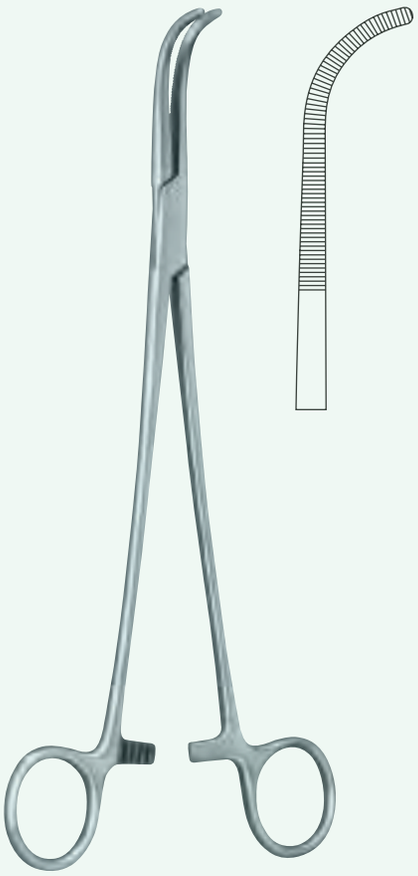
06-413-19	19 cm - 7 ½”
06-413-24	24 cm - 9 ½”
06-413-26	26.5 cm - 10 ½”





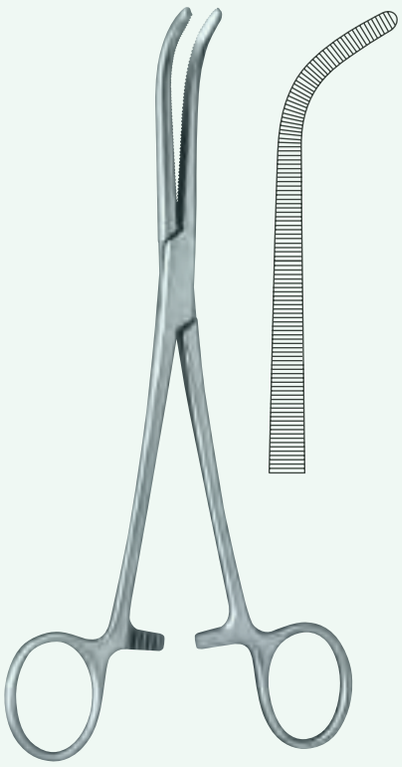
Mixter

06-414-22	22 cm - 8 ¾”
06-414-24	24 cm - 9½”
06-414-35	35 cm - 14”



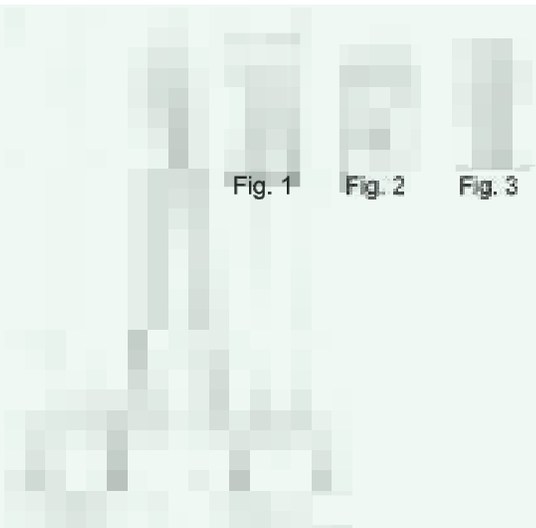
Mixter

06-415-23	23 cm - 9”



Johns-Hopkins

06-416-20	20 cm - 8”



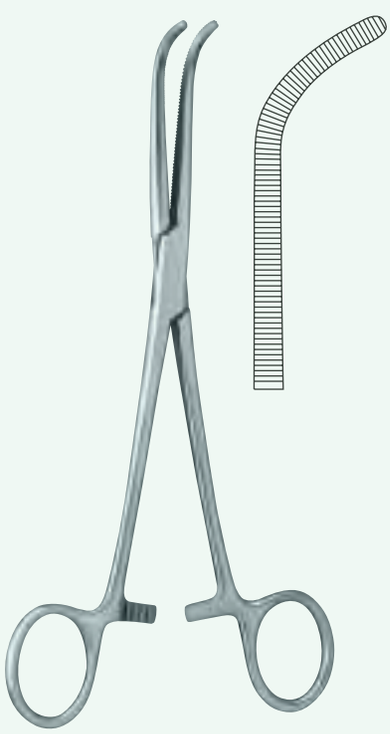
Vasectomy (Li Ring) Forceps Blunt

16-203-12	Fig. 1 Ø 3.0 mm
16-204-12	Fig. 2 Ø 3.5 mm
16-205-12	Fig. 3 Ø 4.0 mm
12.5 cm - 5”	
16-206-14	Fig. 1 Ø 3.0 mm
16-207-14	Fig. 2 Ø 3.5 mm
16-208-14	Fig. 3 Ø 4.0 mm
14 cm - 5½”	



Vasectomy
Forceps Sharp

16-209-12	12.5 cm - 5”



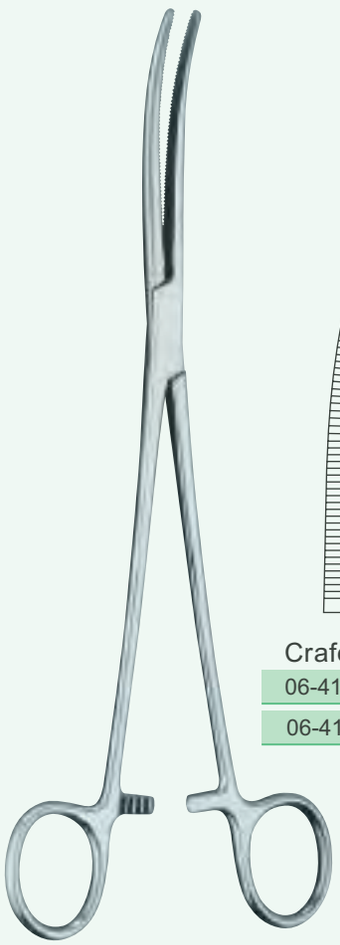
Mixter-
O'Shaugnessy

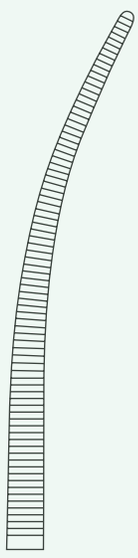
06-417-19	19 cm - 7 ½”



Wickström

06-418-21	21 cm - 8 ¼”
06-418-24	24 cm - 9 ½”

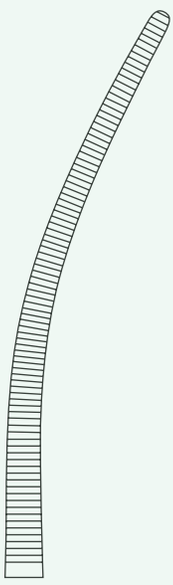




Crafoord

06-419-18	18 cm - 7”
06-419-24	24 cm - 9 ½”

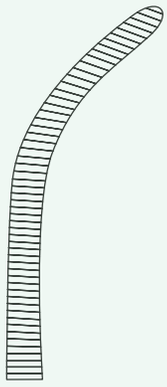




Sarot

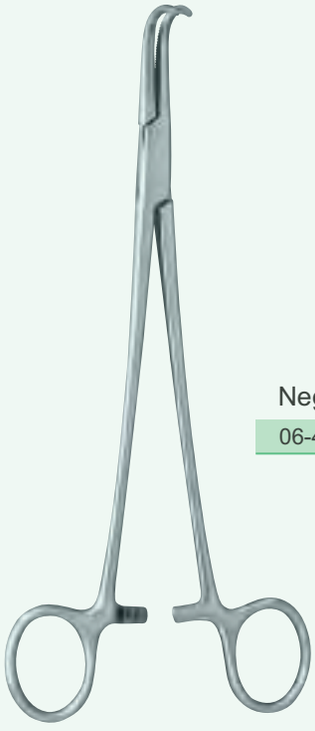
06-420-24		06-421-24	24 cm - 9 ½”
06-420-35		06-421-35	35 cm - 14”

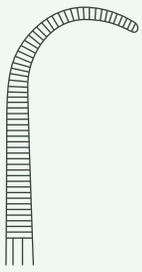


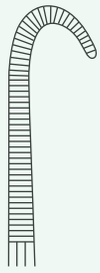


Dean-
Shallcross

06-422-18	18 cm - 7”

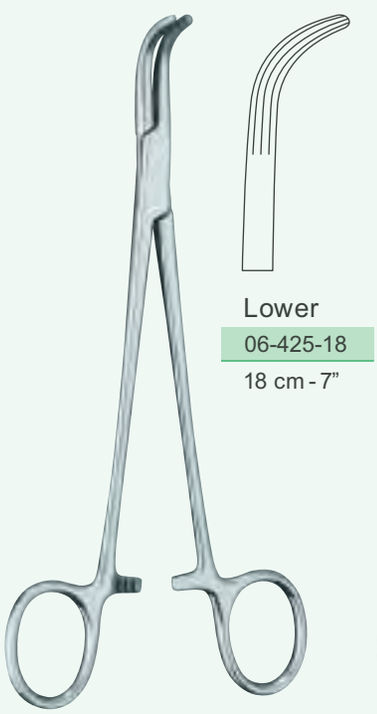




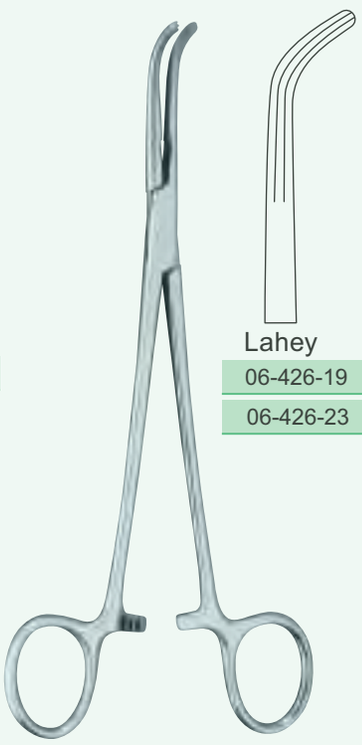


Negus

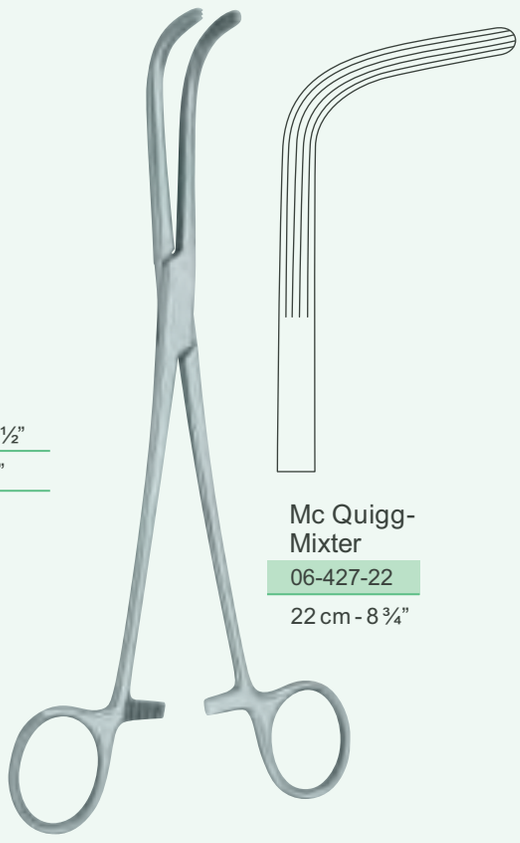
06-423-19		06-424-19	19 cm - 7 ½”



Lower
06-425-18
18 cm - 7”



Lahey
06-426-19 19 cm - 7 ½”
06-426-23 23 cm - 9”

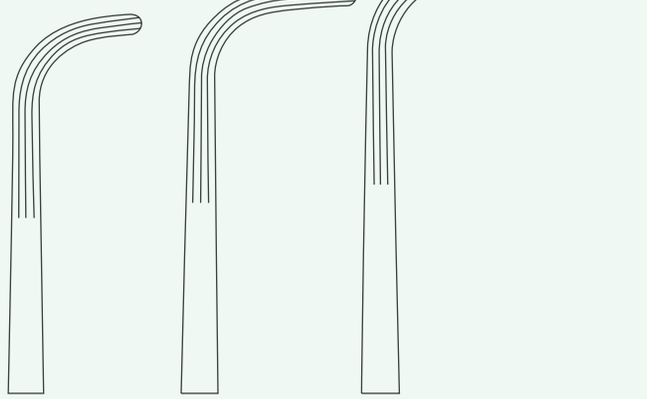


Mc Quigg-Mixter
06-427-22
22 cm - 8 ¾”



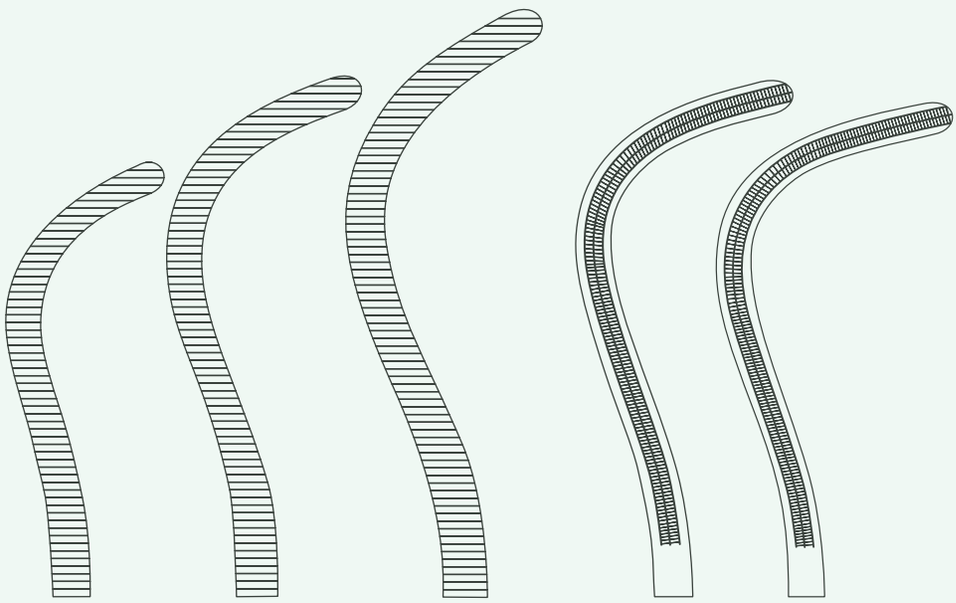
Finochietto
06-428-24
24 cm - 9 ½”





Mixter
06-429-22 22 cm - 8 ¾”
06-430-25 25 cm - 9 ¾”
06-431-28 28 cm - 11”

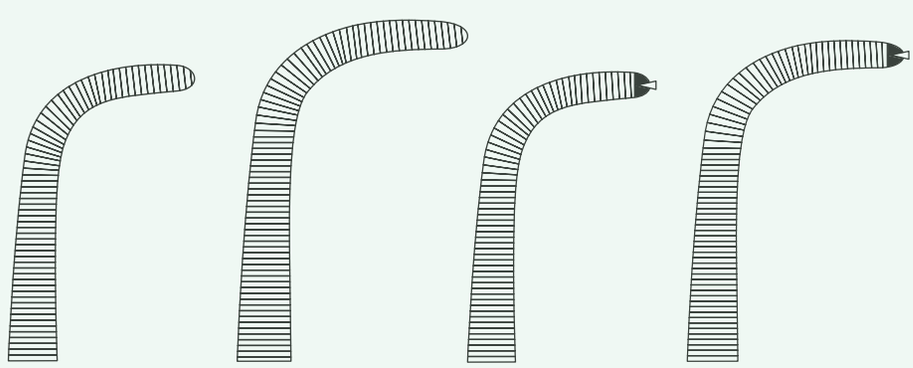




Guyon

06-432-20	06-433-22	06-434-24	06-435-23	06-436-23
20 mm - 8”	22 cm - 8 ¾”	24 cm - 9 ½”	23 cm - 9”	23 cm - 9”

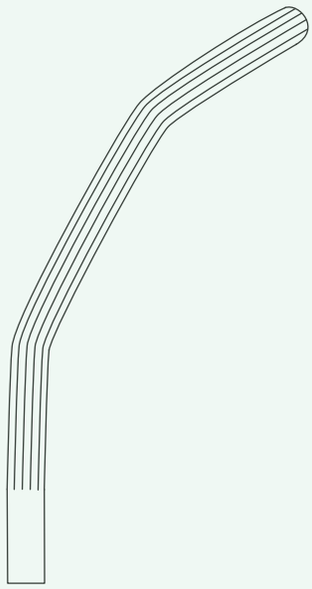




Gray

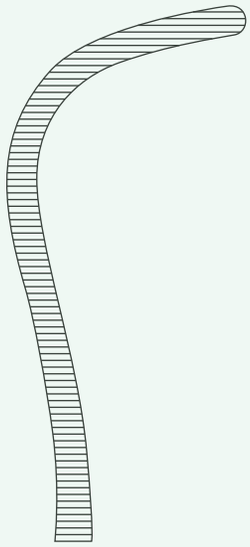
06-437-22	06-438-23	06-439-22	06-440-23
Fig. 1 22 cm - 8 ¾”	Fig. 2 23 cm - 9”	1x2 Fig. 1 22 cm - 8 ¾”	1x2 Fig. 2 23 cm - 9”



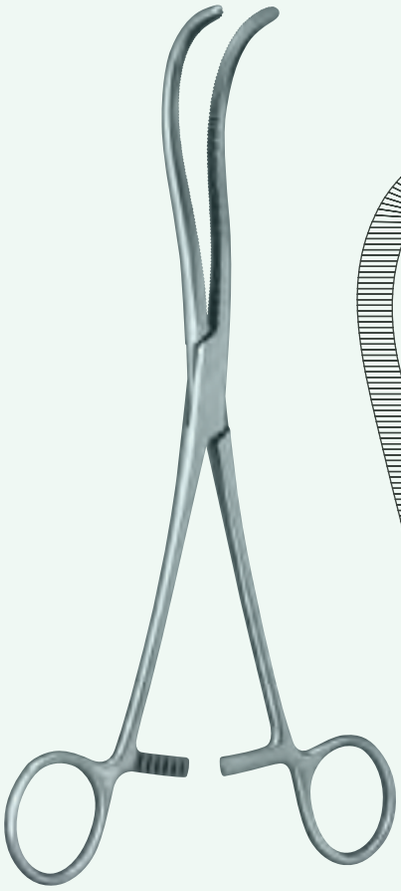


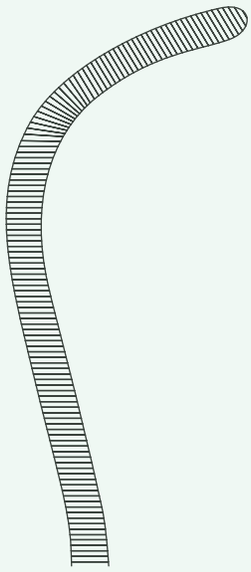
Herrick
06-441-23
23 cm - 9”





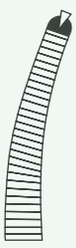
Guyon
06-442-23
23 cm - 9”





Mayo-Guyon
06-443-23
23 cm - 9”

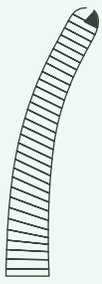




Faure

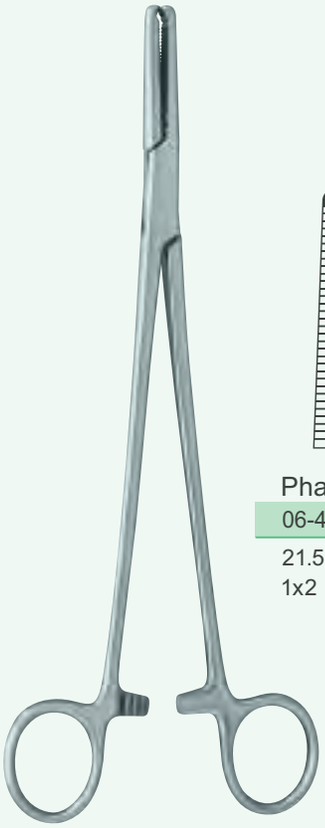
06-444-20	
20 cm - 8”	
1x2	



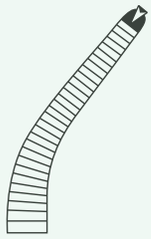


Wertheim

06-445-22	22 cm - 8 ¾”
06-445-23	23 cm - 9”
06-445-35	35 cm - 13 ¾”
1x2	



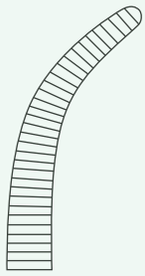


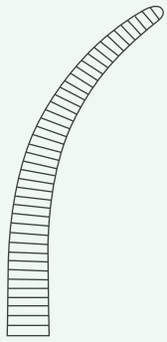


Phaneuf

06-446-21	06-447-21
21.5 cm - 8 ½”	21.5 cm - 8 ½”
1x2	1x2

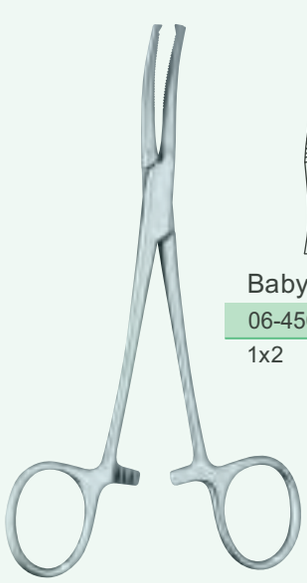






Moynihan

06-448-23	06-449-24
23 cm - 9”	24 cm - 9 ½”



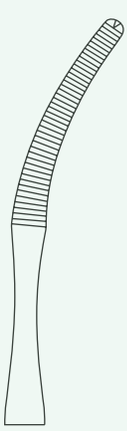


Baby- Mikulicz

06-450-14	14 cm - 5 ½”

1x2

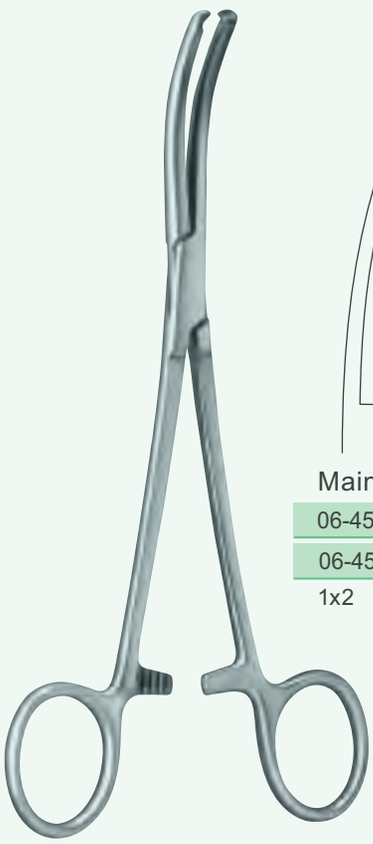


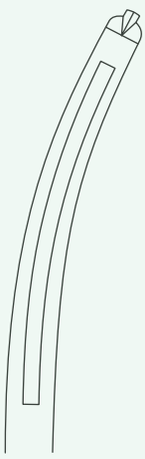


Mikulicz

06-451-18	18 cm - 7”
06-451-20	20 cm - 8”

1x2





Maingot

06-452-20	20.5 cm - 8”
06-452-25	25 cm - 9 ¾”

1x2

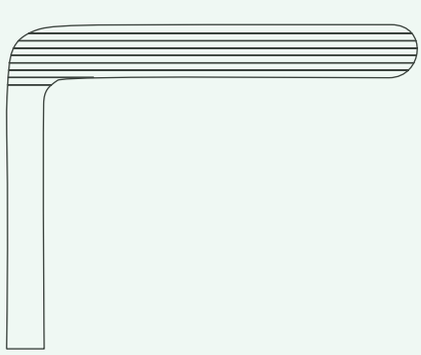




Wertheim

06-453-25	25 cm - 9 ¾”





Wertheim-Cullen

06-454-21	21.5 cm - 8 ½”



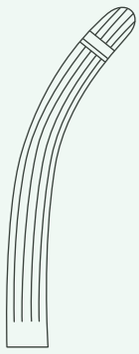
Heaney
06-455-21
21 cm - 8 ¼”



Heaney
06-456-21
21 cm - 8 ¼”

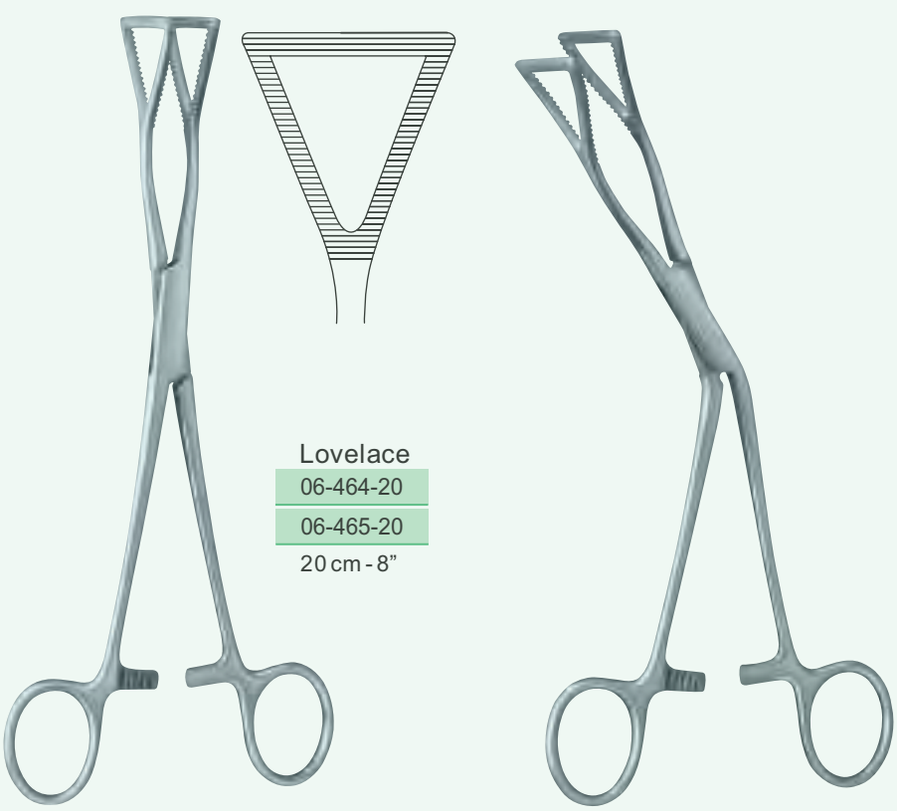






Heaney-
Ballantine
06-457-21

06-458-21 21 cm - 8 ¼”

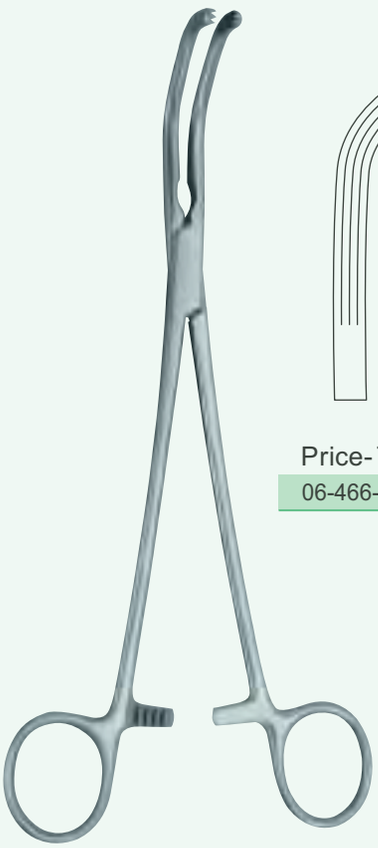


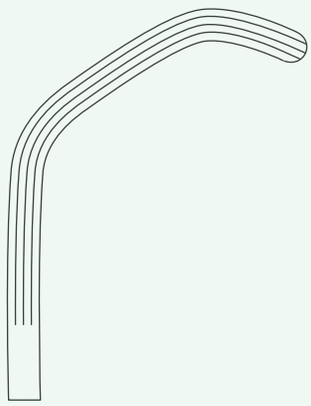
Lovelace

06-464-20

06-465-20

20 cm - 8”

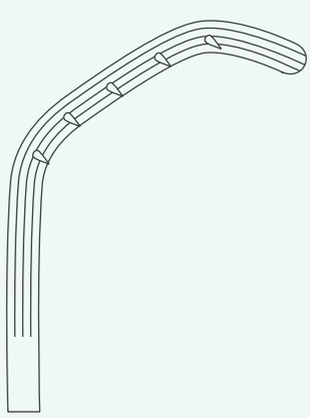




Price- Thomas

06-466-22 22 cm - 8 ¾”

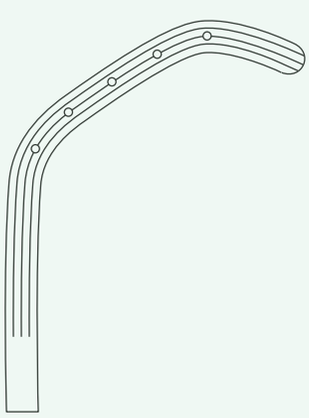




Price-Thomas

06-467-22

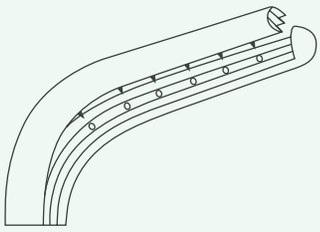
Pins left
Stifte links
Pernos izquierda
Goupilles à gauche
Perni a sinistra



06-468-22 22 cm - 8 ¾”

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



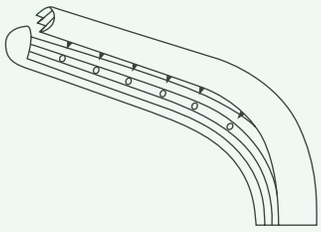


Sarot

06-469-23

23 cm - 9”

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

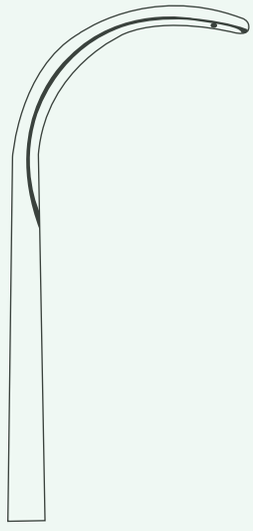


06-470-23

23 cm - 9”

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





Semb

06-471-24

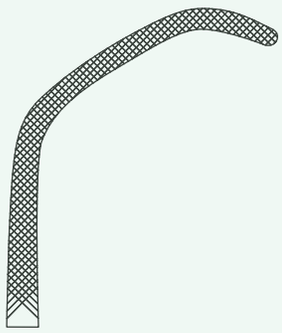
24 cm - 9 ½”



06-472-24

24 cm - 9 ½”

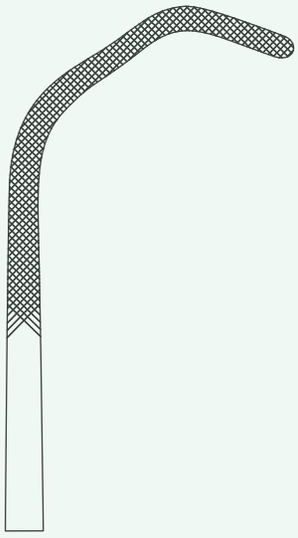


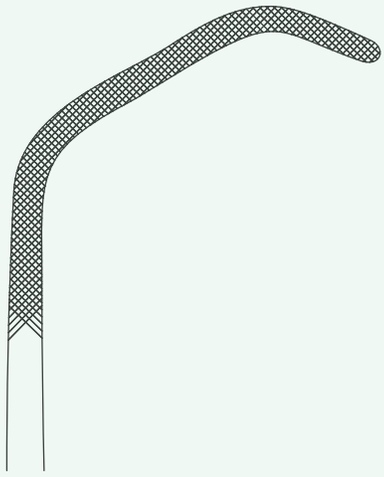


Baby- Satinsky

06-473-15	15 cm - 6”







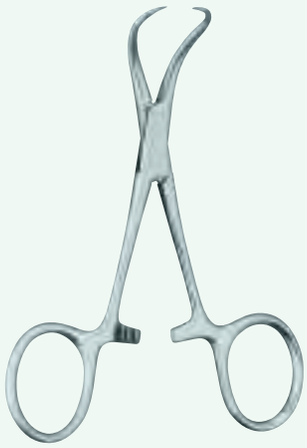
Satinsky

06-474-26	06-475-26	06-476-26	06-477-26 26.5 cm - 10 ½”
Fig. 1	Fig. 1 S-curved S-förmig gebogen curva en S courbe en S curva a forma di S	Fig. 2	Fig. 2 S-curved S-förmig gebogen curva en S courbe en S curva a forma di S



Bernhard

06-478-10	10 cm - 4”
06-478-12	12 cm - 4 ¾”
06-478-14	14 cm - 5 ½”
06-478-16	16.5 cm 6 ½”
06-478-18	18 cm - 7”



Backhaus

06-479-09	9 cm - 3 ½”
06-479-11	11 cm - 4 ¼”
06-479-13	13 cm - 5”
06-479-15	15 cm - 6”



Roeder

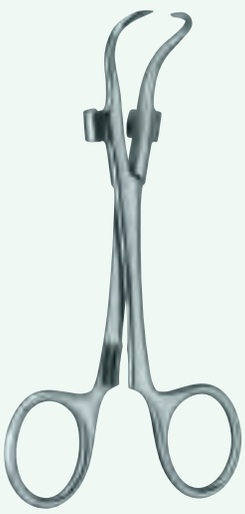
06-480-13	13 cm - 5”
06-480-15	15 cm - 6”



Towel

06-481-11	11 cm - 4”

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



Robin

06-482-13	13.5 cm - 5 ¼”

with clip for tube up to 5 mm Ø
mit Schlauchhalter bis 5 mm Ø
con soporte de tubo hasta 5 mm Ø
avec porte-tuyeau à 5 mm Ø
con supporto per tubo fino a 5 mm Ø



Jones

06-483-05	5 cm - 2”
06-483-09	9 cm - 3 ½”



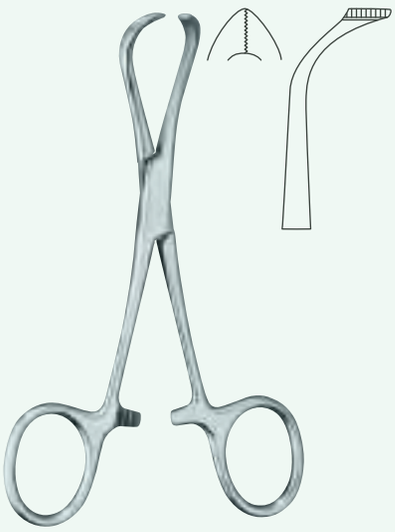
Schaedel

06-484-09	9 cm - 3 ½”



Doyen

06-485-18	18 cm - 7”



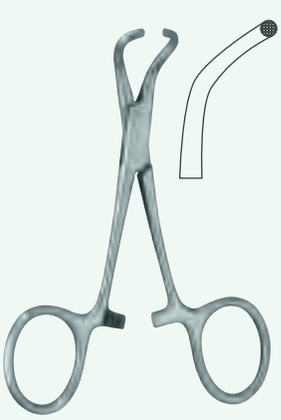
Lorna

06-486-10	10 cm - 4”
06-486-13	13 cm - 5”



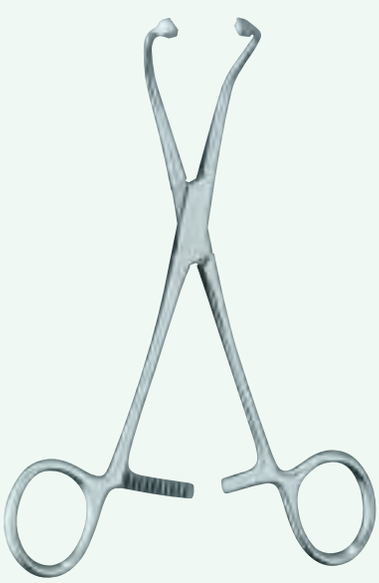
Lane

06-487-13	13 cm - 5”
06-487-15	15 cm - 6”
06-487-20	20 cm - 8”



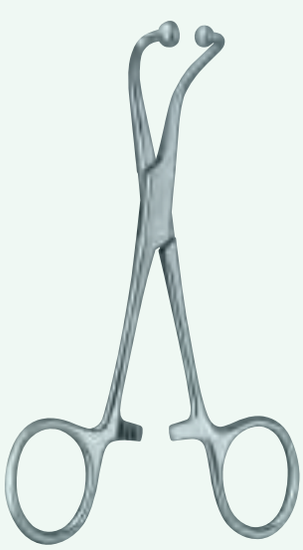
Tohoku-Japan

06-488-10	10 cm - 4”
06-488-13	13 cm - 5”



Peers-Bertram

06-489-14	14.5 cm - 5 ¾”



Ball & Socket

06-490-11	11.5 cm - 4 ½”
06-490-14	14 cm - 5 ½”

für Papierabdeckung
for paper clothes
pour couvertures en papier
para paños de papel
per copertura di carta



Tube

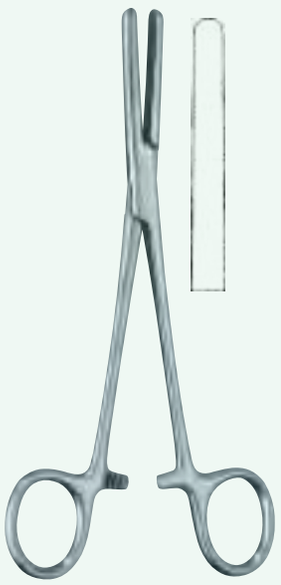
06-491-15	15 cm - 6”
06-491-16	16 cm - 6 ¼”
06-491-19	19 cm - 7 ½”
06-491-24	24 cm - 9 ½”



Tube - Modified

06-492-15	15 cm - 6”
06-492-16	16 cm - 6 ¼”
06-492-19	19 cm - 7 ½”

with protection
mit Schutzbügel
con protector
avec protection
con protettore



Tube - Plain

06-493-16	16.5 cm - 6 ½”
06-493-18	18 cm - 7”



Klinikum-Berlin

06-494-14	
06-495-14	14.5 cm - 5 ¾”

with extra long ratchet
mit extra langer Sperre
con cremallera extra larga
avec crémaillère extra longue
con cremagliera extra lunga



Gunnar

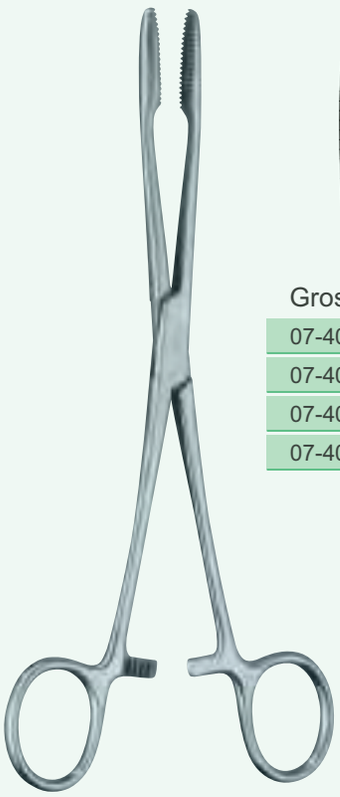
06-496-18	18.5 cm - 7 ¼”

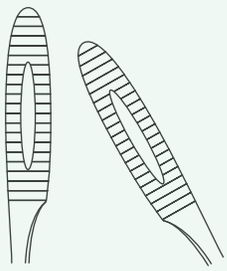


07

Cotton Swab Forceps
Wattestäbchen Pinzette
Pinzas para hisopos de algodón
Pinces à coton-tige
Pinza per cotton fioc

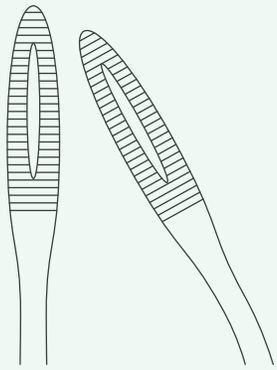
surgimax™
saving lives

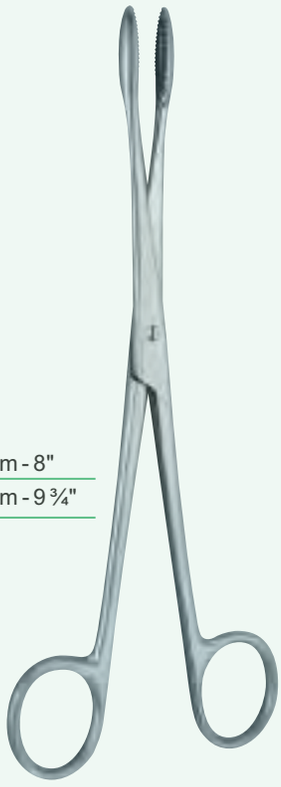




Gross-Maier

07-400-20	07-401-20	20 cm - 8"
07-400-22	07-401-22	22 cm - 8 ¾"
07-400-25	07-401-25	25 cm - 9 ¾"
07-400-27	07-401-27	27 cm - 10 ¾"

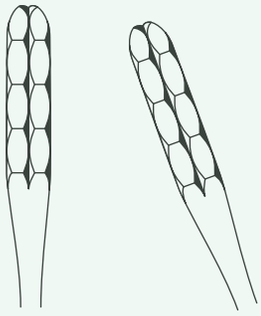




Maier

07-402-20	07-403-20	20 cm - 8"
07-402-25	07-403-25	25 cm - 9 ¾"





Ulrich

07-404-22	07-405-22	22 cm - 8 ¾"
07-404-25	07-405-25	25 cm - 9 ¾"
07-404-27	07-405-27	27 cm - 10 ¾"
07-404-35	07-405-35	35 cm - 14"

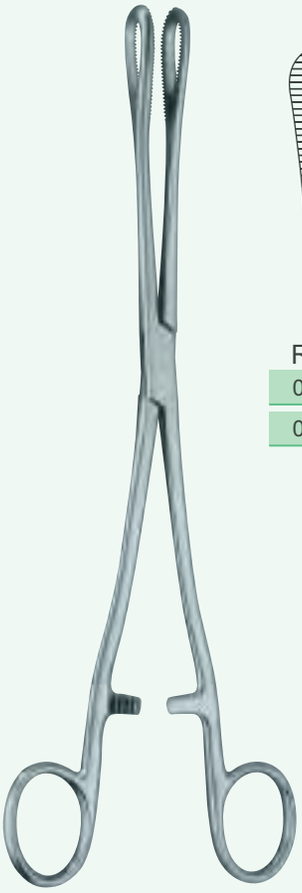


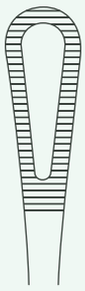


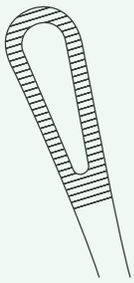


Rampley

06-125-18	18 cm - 7"
06-126-25	25 cm - 9¾"

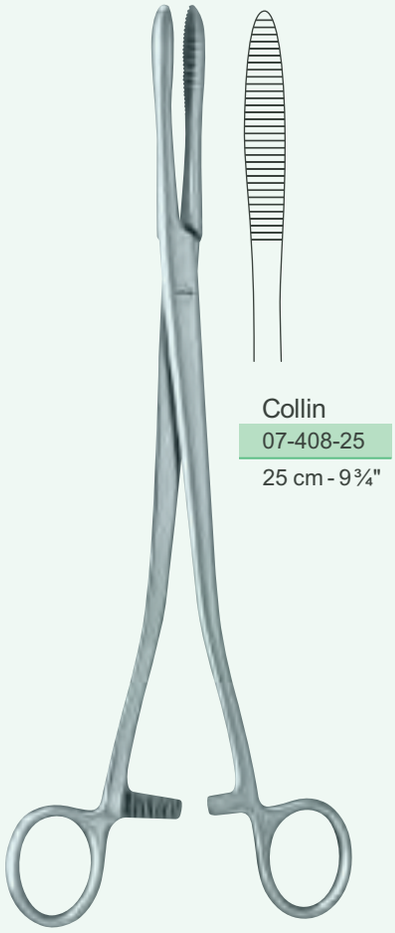






Rampley

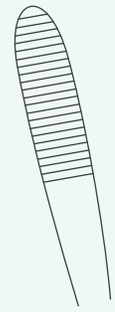
07-406-18	07-407-18 18 cm - 7"
07-406-25	07-407-25 25 cm - 9¾"



Collin

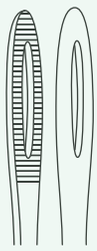
07-408-25
25 cm - 9¾"

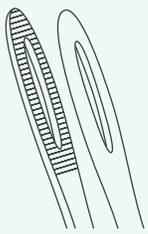




Cheron
07-409-25
25 cm - 9¾"







Bergmann-
Foerster
07-410-25

07-411-25 25 cm - 9¾"



Bonney

17-169-24
24 cm - 9½"



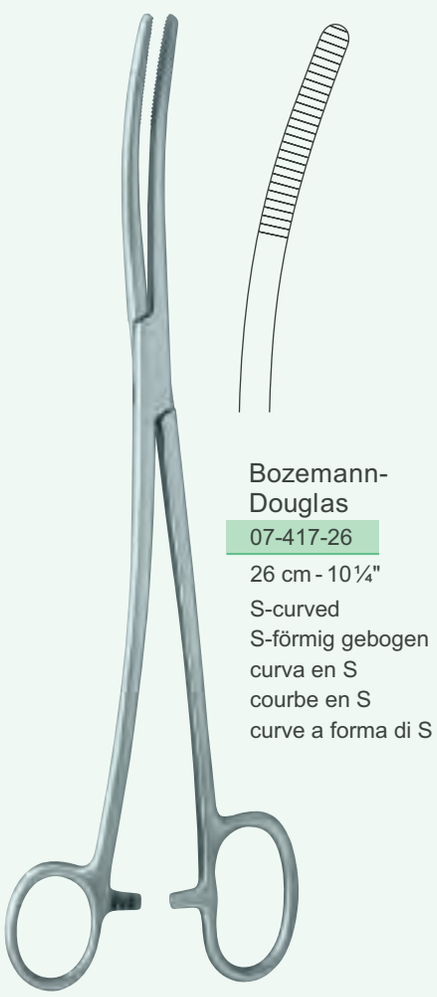


Foerster (Ballenger)

07-412-18	07-413-18	07-414-18	07-415-18	18 cm - 7"
07-412-20	07-413-20	07-414-20	07-415-20	20 cm - 8"
07-412-25	07-413-25	07-414-25	07-415-25	25 cm - 9¾"
07-412-30	07-413-30	07-414-30	07-415-30	30 cm - 12"



Bozemann
07-416-26
26 cm - 10¼"
S-curved
S-förmig gebogen
curva en S
courbe en S
curve a forma di S



Bozemann-Douglas
07-417-26
26 cm - 10¼"
S-curved
S-förmig gebogen
curva en S
courbe en S
curve a forma di S



Pelkman

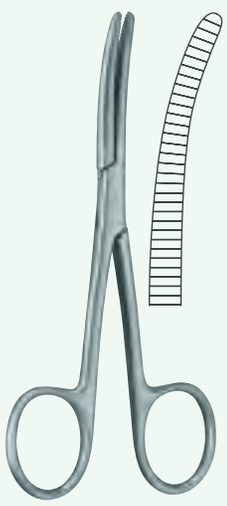
07-418-25	25 cm - 9¾"





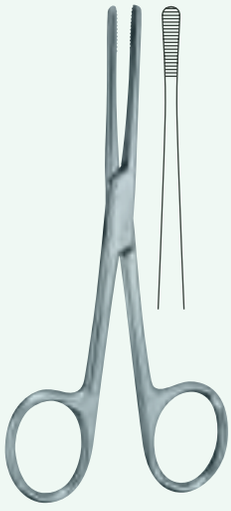
Martin

07-419-17	07-420-17	17 cm - 6¾"
07-419-25	07-420-25	25.5 cm - 10"



Bryant

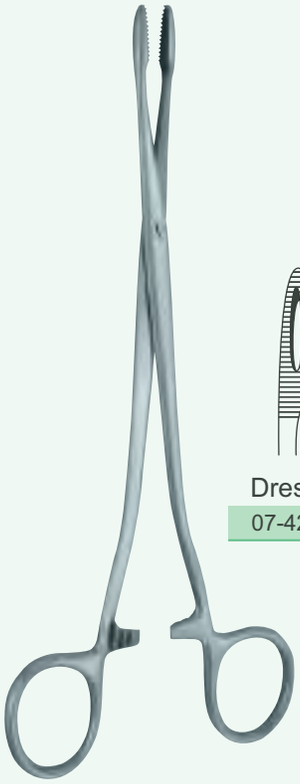
07-421-13	13 cm - 5"

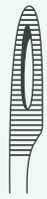


Lister
(Sinus)

07-422-13	13 cm - 5"
07-422-16	16 cm - 6 ¼"
07-422-18	18 cm - 7"

Sinus forceps
Sinusklemmen
Pinza para el sinus
Pinces à sinus
Pinze per seni







Dressing

07-423-20	07-424-20	20 cm - 8"

SURGICALINSTRUMENTS



08

Retractors
Wundhaken
Separadores
Ecarteurs
Divaricatori

surgimax™
saving lives



Kilner
08-600-15
15 cm - 6"



Joseph
08-601-15
15 cm - 6"



Lange
08-602-22
22 cm - 8 ¾"



Cottle
08-603-16
16 cm - 6 ¼"



Fomon
08-604-17
17 cm - 6 ¾"





Cottle
08-605-15
15 cm - 6"



08-606-15
15 cm - 6"



08-607-15
15 cm - 6"





Iterson
08-608-16
sharp
scharf
agudo
pointu
acuto



08-609-16 16 cm - 6 ¼"
blunt
stumpf
romo
mousse
smusso





Gillies
08-610-18
18 cm - 7"
Fig.1



08-611-18
18 cm - 7"
Fig.2

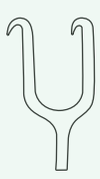




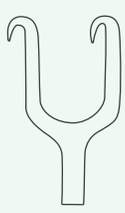
Joseph
08-612-16
2 mm



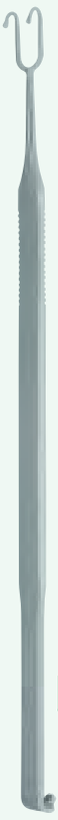
08-613-16 16 cm - 6 ¼"
5 mm



08-614-16
7 mm



08-615-16 16 cm - 6 ¼"
1 cm



Cottle-
Neivert
08-616-20
20 cm - 8"





Fomon
08-617-16
16 cm - 6 ¼"







Cottle
08-618-15
08-619-15
08-620-15 15 cm - 6"

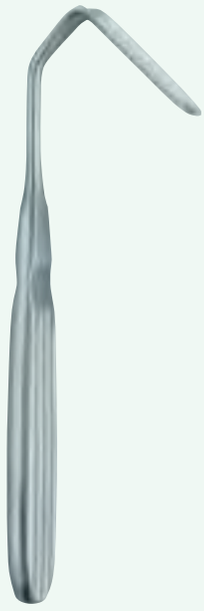


Neivert
08-621-16
16 cm - 6 ¼"



Cottle
08-622-15

Cottle - Modified
08-623-15
15 cm - 6"



Aufricht
08-624-19
19 cm - 7 ½"



Kilner
08-625-10
10 cm - 4"



Converse
08-626-12
12 cm - 4 ¾"



Jackson
08-627-15
15 cm - 6"



Lukens
08-628-17
17 cm - 6 ¾"
blunt
stumpf
romo
mousse
smusso



Jackson

08-629-17

17 cm - 6 ¾”



Jackson

08-630-18	08-631-18	18 cm - 7"
stumpf	scharf	
blunt	sharp	
mousse	pointu	
romo	agudo	
smusso	acuto	



Rose

08-632-13

13 cm - 5"



Luer

08-633-11

11 cm - 4 ¼"



Schoenborn

08-634-21

21 cm - 8 ¼"





Emmet

08-635-22	08-636-22	08-637-22	08-638-22	08-639-22	22 cm - 8 ¾"
Fig.1	Fig.2	Fig.3	Fig.4	Fig.5	





Davidson

08-640-16	08-641-16	08-642-16	08-643-16	16 cm - 6 ¼"

sharp
scharf
agudo
pointu
acuto



08-644-16	08-645-16	08-646-16	08-647-16	16 cm - 6 ¼"

blunt
stumpf
romo
mousse
smusso








Flexi

08-648-16A | 08-648-16 | 08-649-16 | 08-650-16 | 16 cm - 6 ¼"

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






08-651-16A | 08-651-16 | 08-652-16 | 08-653-16 | 16 cm - 6 ¼"

flexible, blunt
flexibel, stumpf
flexible, romo
flexible, mousse
flessibile, smusso



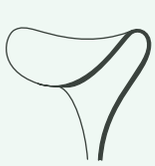




Desmarres

08-654-16 | x = 8 mm
08-655-16 | x = 1 cm
08-656-16 | x = 1.2 cm | 16 cm - 6 ¼"





08-657-16 | x = 1.4 cm
08-658-16 | x = 1.6 cm
08-659-16 | x = 1.8 cm | 16 cm - 6 ¼"



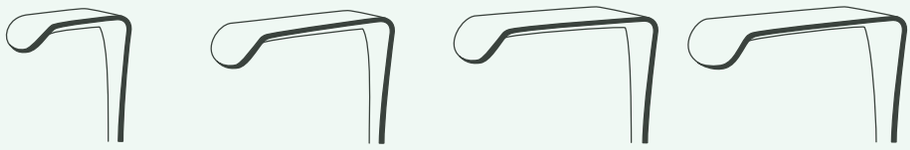
Knapp
(Rollet)

08-660-16

16 cm - 6 ¼"

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





Mini-Langenbeck

08-661-16	08-662-16	08-663-16	08-664-16	16 cm - 6 ¼"
10 mm x 6 mm	17 mm x 5 mm	20 mm x 6 mm	22 mm x 8 mm	





Kocher

08-665-22	08-666-22	08-667-22	08-668-22	08-669-22	08-670-22	08-671-22	22 cm - 8 ¾"

sharp
scharf
agudo
pointu
acuto



08-672-22	08-673-22	08-674-22	08-675-22	08-676-22	08-677-22	08-678-22	22 cm - 8 ¾"

blunt
stumpf
romo
mousse
smusso

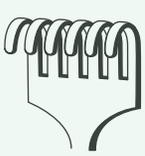


08-679-22	08-680-22	08-681-22	08-682-22	08-683-22	08-684-22	08-685-22	22 cm - 8 ¾"

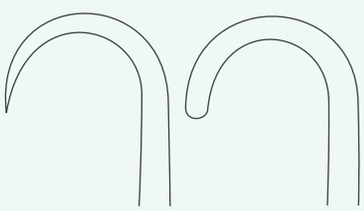
semi-sharp
halbscharf
semi-agudo
semi-pointu
semi-acuto



Volkmann

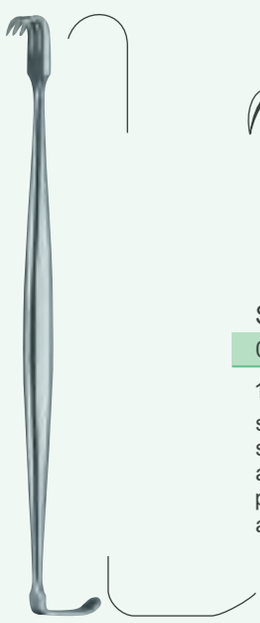
					
08-686-21	08-687-21	08-688-21	08-689-21	08-690-21	21.5 cm - 8 ½"
sharp scharf agudo pointu acuto					
					
08-691-21	08-692-21	08-693-21	08-694-21	08-695-21	21.5 cm - 8 ½"
blunt stumpf romo mousse smusso					
					
08-696-21	08-697-21	08-698-21	08-699-21	08-700-21	21.5 cm - 8 ½"
semi-sharp halbscharf semi-agudo semi-pointu semi-acuto					

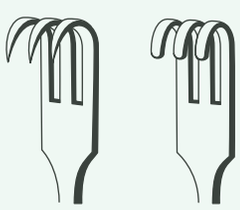




Volkmann

08-701-21	08-702-21
21.5 cm - 8 ½"	21.5 cm - 8 ½"
sharp scharf agudo pointu acuto	blunt stumpf romo mousse smusso





Senn-Mueller

08-703-16	08-704-16
16 cm - 6 ¼"	16 cm - 6 ¼"
sharp scharf agudo pointu acuto	blunt stumpf romo mousse smusso

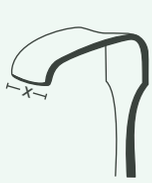


Kilner

08-705-15

13 mm x 5 mm
15.5 cm - 6"







Strandell-Stille

08-706-19

20 mm x 6 mm

08-707-19 19 cm - 7 ½"

20 mm x 6 mm
saw edge
gezahnt
dentado
dentelé
dentato





Senn-Green

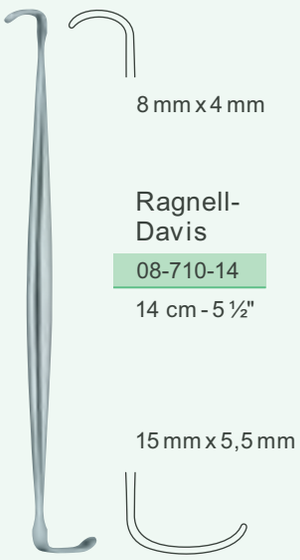
08-708-15

20 mm x 6 mm
15 cm - 6"



08-709-15

10 mm x 6 mm
15 cm - 6"



8 mm x 4 mm

Ragnell-Davis

08-710-14

14 cm - 5 ½"

15 mm x 5,5 mm



Cottle

08-711-15

15 cm - 6"

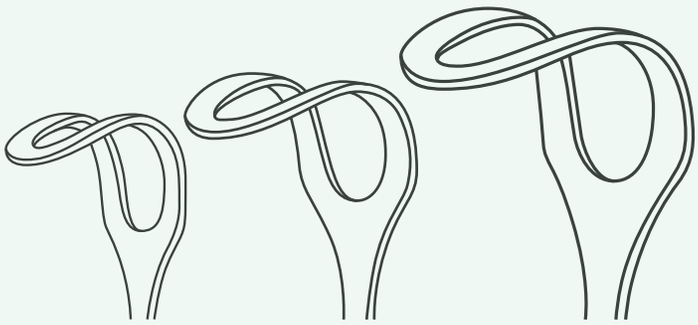


Crile

08-712-11

11 cm - 4 ¼"





Middeldorpf

08-713-21

1.4 cm x 1.7 cm

21.5 cm - 8 ½"

08-714-22

2 cm x 2.2 cm

22 cm - 8 ¾"

08-715-23

2.6 cmm x 3 cm

23.5 cm - 9 ¼"





Meyerding

08-716-18
18 mm x 7 mm



08-717-18 18 cm - 7"
10 mm x 3 mm



08-718-18
16 mm x 5 mm



08-719-18 18 cm - 7"
7 mm x 4 mm

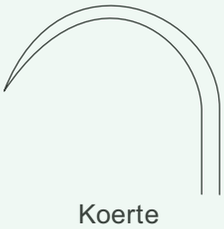


08-720-18
10 mm x 4 mm



08-721-18 18 cm - 7"
7 mm x 4 mm

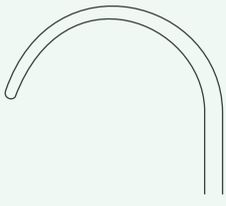




Koerte

08-722-23
26 mm x 40 mm

sharp
scharf
agudo
pointu
acuto



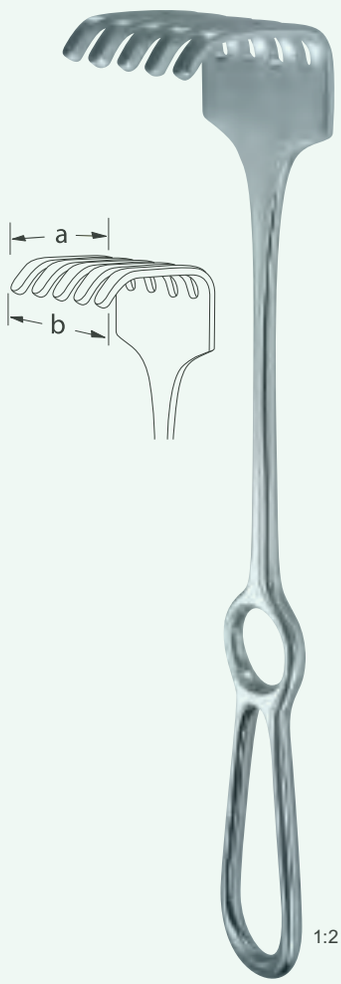
08-723-23 23.5 cm - 9 ¼"
26 mm x 40 mm

blunt
stumpf
romo
mousse
smusso



Green

08-724-21
21.5 cm - 8 ½"



Israel

08-725-25

a = 4 cm – b = 4 cm

4 Teeth
4 Zähne
4 Dientes
4 Dents
4 Denti

08-726-25 25 cm - 9 ¾"

a = 4.5 cm – b = 5 cm

5 Teeth
5 Zähne
5 Dientes
5 Dents
5 Denti

08-727-25

a = 5 cm – b = 6 cm

6 Teeth
6 Zähne
6 Dientes
6 Dents
6 Denti

08-728-25 25 cm - 9 ¾"

a = 7 cm – b = 7 cm

6 Teeth
6 Zähne
6 Dientes
6 Dents
6 Denti



Langenbeck

08-729-22

Fig.1
3 cm x 1.1 cm

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

08-730-22

Fig.2
3 cm x 1.4 cm

08-731-22 22 cm - 8 ¾"

Fig.3
3 cm x 1.6 cm

08-732-22

Fig.4
4 cm x 1.1 cm

08-733-22 22 cm – 8 ¾"

Fig.5
5 cm x 1.1 cm



Langenbeck



08-734-21
Fig.1
3 cm x 1.1 cm
blunt



08-735-21
Fig.2
3 cm x 1.4 cm
blunt



08-736-21 21 cm - 8 ¼"
Fig.3
3 cm x 1.6 cm
blunt



08-737-21
Fig.4
4 cm x 1.1 cm
blunt



08-738-21 21 cm - 8 ¼"
Fig.5
5 cm x 1.1 cm
blunt



Kocher-Langenbeck (Obwegeser)



08-739-21
2.5 cm x 7 mm



08-740-21
3.5 cm x 8 mm



08-741-21
3.5 cm x 1.1 cm



08-742-21 21.5 cm - 8 ½"
3.5 cm x 1.5 cm



08-743-21
4.2 cm x 1 cm



08-744-21
5.5 cm x 1.2 cm



08-745-21 21.5 cm - 8 ½"
7 cm x 1.4 cm

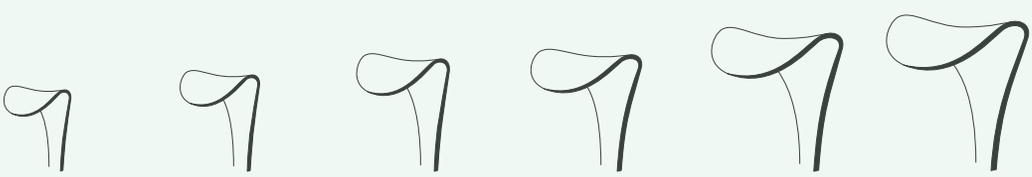


08-746-21
8 cm x 1.2 cm



08-747-21 21.5 cm - 8 ½"
8 cm x 1.6 cm





Cushing

08-748-20	08-749-20	08-750-20	08-751-20	08-752-20	08-753-20	20 cm - 8"
08-748-24	08-749-24	08-750-24	08-751-24	08-752-24	08-753-24	24 cm - 9 ½"
x = 8 mm	x = 1 cm	x = 1.2 cm	x = 1.4 cm	x = 1.6 cm	x = 1.8 cm	



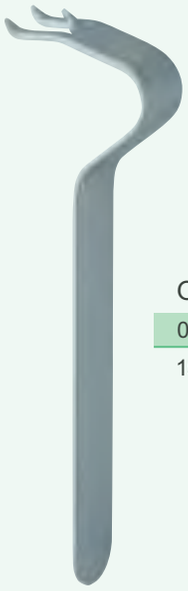
Obwegeser

08-754-22	
4.2 cm x 1.3 cm	
08-755-22	22 cm - 8 ¾"
6 cm x 1.2 cm	
08-756-22	22 cm - 8 ¾"
8 cm x 1.6 cm	

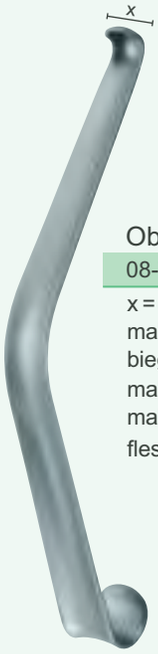


Obwegeser
08-757-22
4.4 cm x 9,5 mm

08-758-22 22 cm - 8 ¾"
7 cm x 1,5 cm

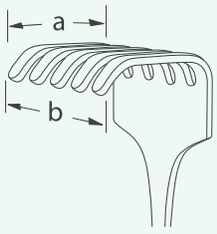


Obwegeser
08-759-15
15.5 cm - 6"



Obwegeser
08-760-16
x = 8 mm
malleable
biegsam
maleable
malléable
flessibile

08-761-16 16 cm - 6 ¼"
x = 1 cm





Ollier

08-762-22

a = 3.6 cm b = 3 cm

Fig. 1



08-763-22 22.5 cm - 8 ¾"

a = 3.6 cm b = 6 cm

Fig. 2



Kocher

08-764-21	08-765-21
5.5 cm x 1.1 cm	4 cm x 1.2 cm
21 cm - 8 ¼"	21 cm - 8 ¼"



Langenbeck

08-766-21 21 cm - 8 ¼"

6 cm x 2 cm

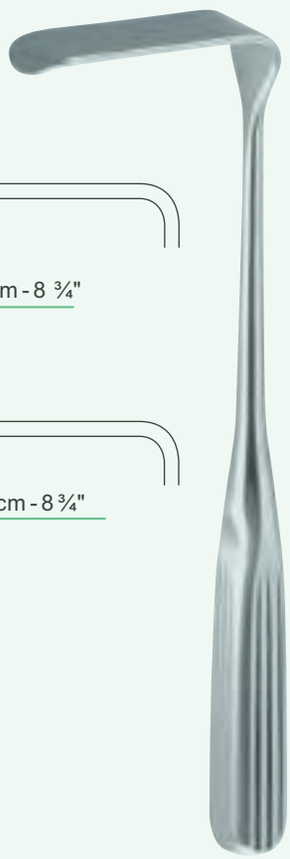


Langenbeck

08-767-21 21 cm - 8 ¼"

8.5 cm x 1.5 cm

Handle vertical to the blade
Griff vertikal zum Blatt
Mango vertical a la hoja
Poignée verticale à la lame
Manico verticale verso la lama

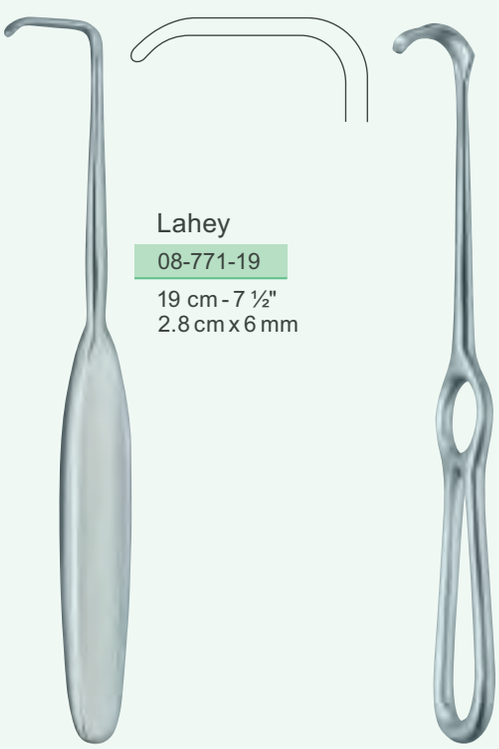


Sauerbruch

08-768-22
4.5 cm x 1.5 cm

08-769-22 22.5 cm - 8 ¾"
7.5 cm x 2 cm

08-770-22 22 cm - 8 ¾"
6 cm x 2.3 cm



Lahey

08-771-19
19 cm - 7 ½"
2.8 cm x 6 mm

Kocher

08-772-19
1.9 cm x 1.2 cm

08-773-19 19 cm - 7 ½"
2.1 cm x 1.4 cm



Kocher

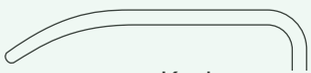
08-774-22
22 cm - 8 ¾"
4 cm x 1 cm

08-775-22
22 cm - 8 ¾"
4 cm x 1.5 cm

08-776-22
22 cm - 8 ¾"
4 cm x 2 cm



Kocher



08-777-23

4 cm x 1.8 cm



08-778-22 23 cm - 9"

6 cm x 2 cm



08-779-22

6 cm x 2.5 cm



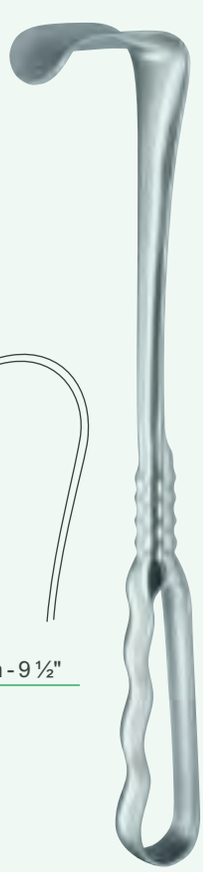
08-780-22 23 cm - 9"

7.5 cm x 3 cm

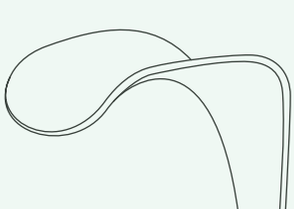


08-781-22 23 cm - 9"

7.5 cm x 4 cm

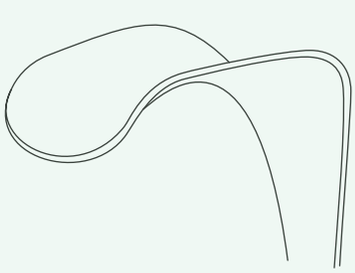


Richardson



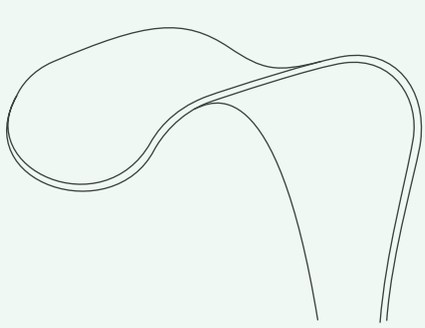
08-782-24

2.8 cm x 2 cm



08-783-24

3.6 cm x 2.8 cm



08-784-24 24 cm - 9 ½"

4.4 cm x 3.8 cm



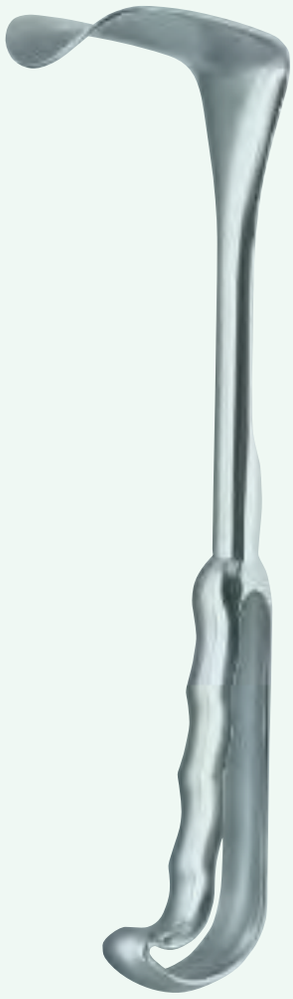
Richardson-Eastman

08-785-00	08-785-28	08-786-26
Set of 2	28 cm - 11"	26 cm - 10 ¼"
Satz	49 mm x 38 mm	36 mm x 28 mm
Juego	63 mm x 49 mm	28 mm x 20 mm
Jeu	Fig.1	Fig.2
Serie		



Richardson

08-787-24
24 cm - 9 ½"
52 mm x 22 mm

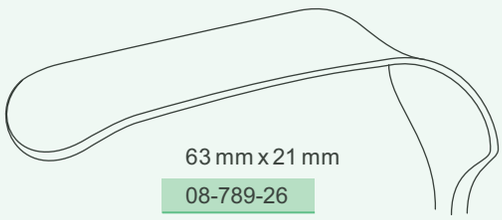


Kelly

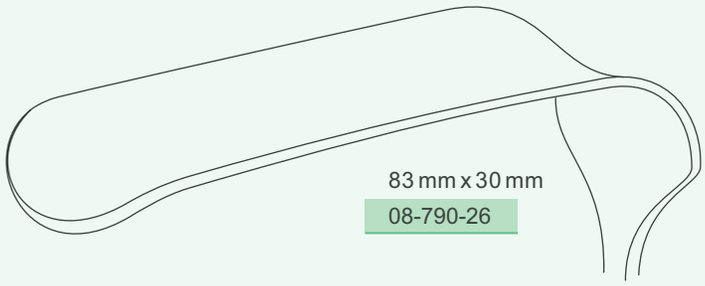
08-788-26
26 cm - 10 ¼"
65 mm x 50 mm



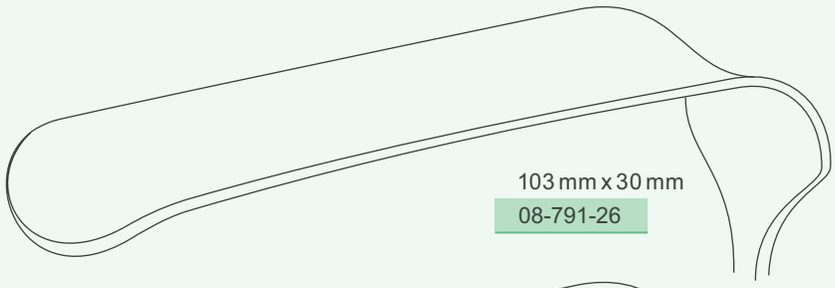
Hoesel
26 cm - 10 ¼”



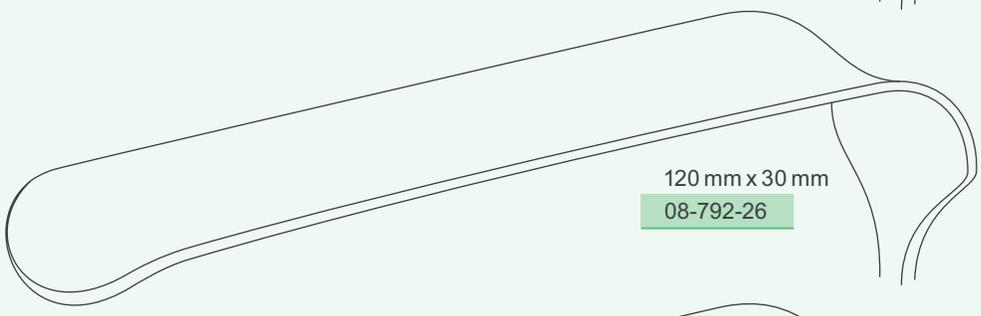
63 mm x 21 mm
08-789-26



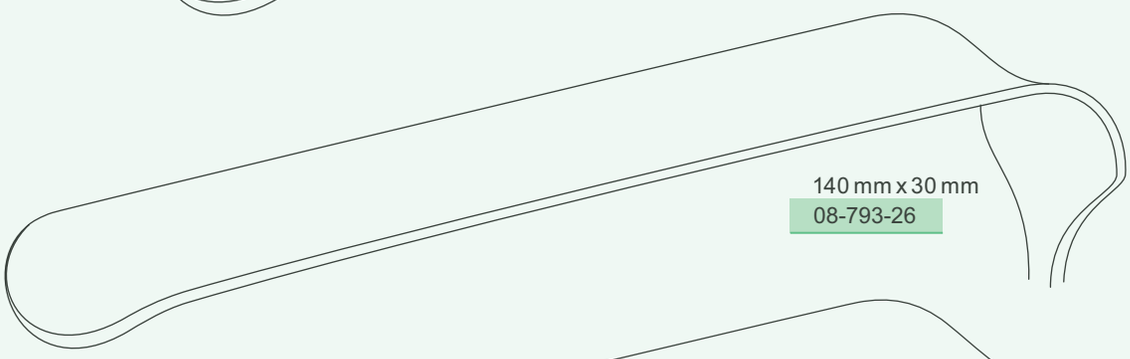
83 mm x 30 mm
08-790-26



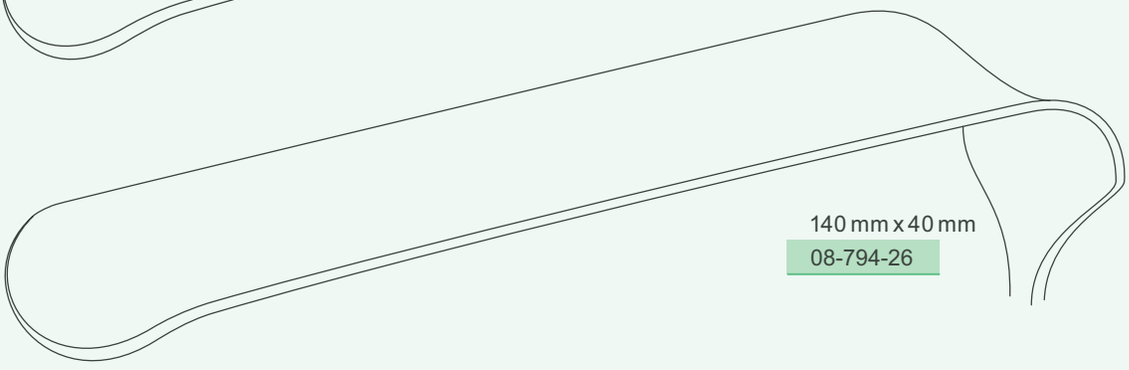
103 mm x 30 mm
08-791-26



120 mm x 30 mm
08-792-26



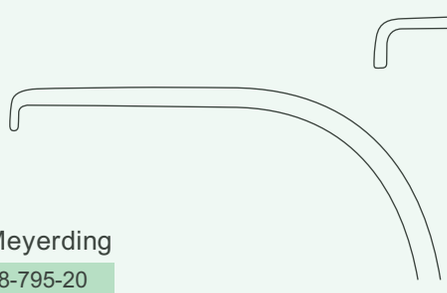
140 mm x 30 mm
08-793-26



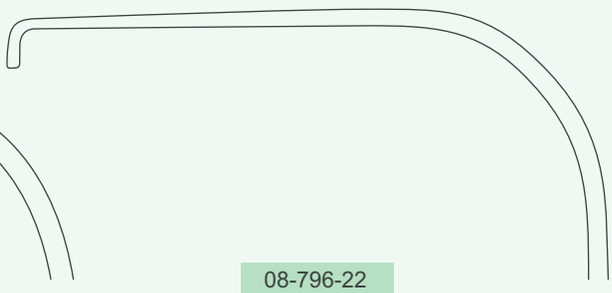
140 mm x 40 mm
08-794-26



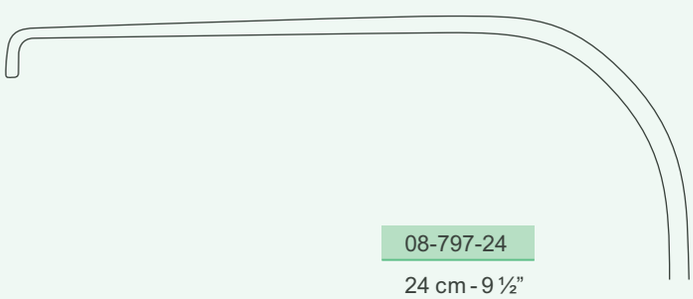
Meyerding



08-795-20	20 cm - 8”
	50 mm x 16 mm

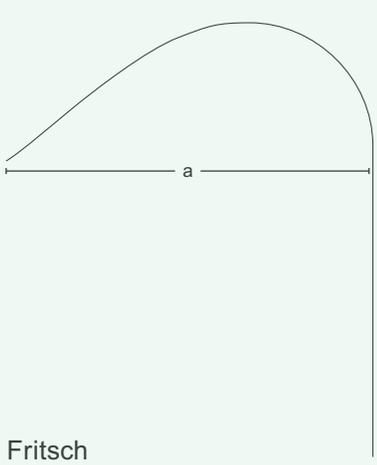


08-796-22	22 cm - 8 ¾”
	75 mm x 25 mm



08-797-24	24 cm - 9 ½”
	90 mm x 50 mm





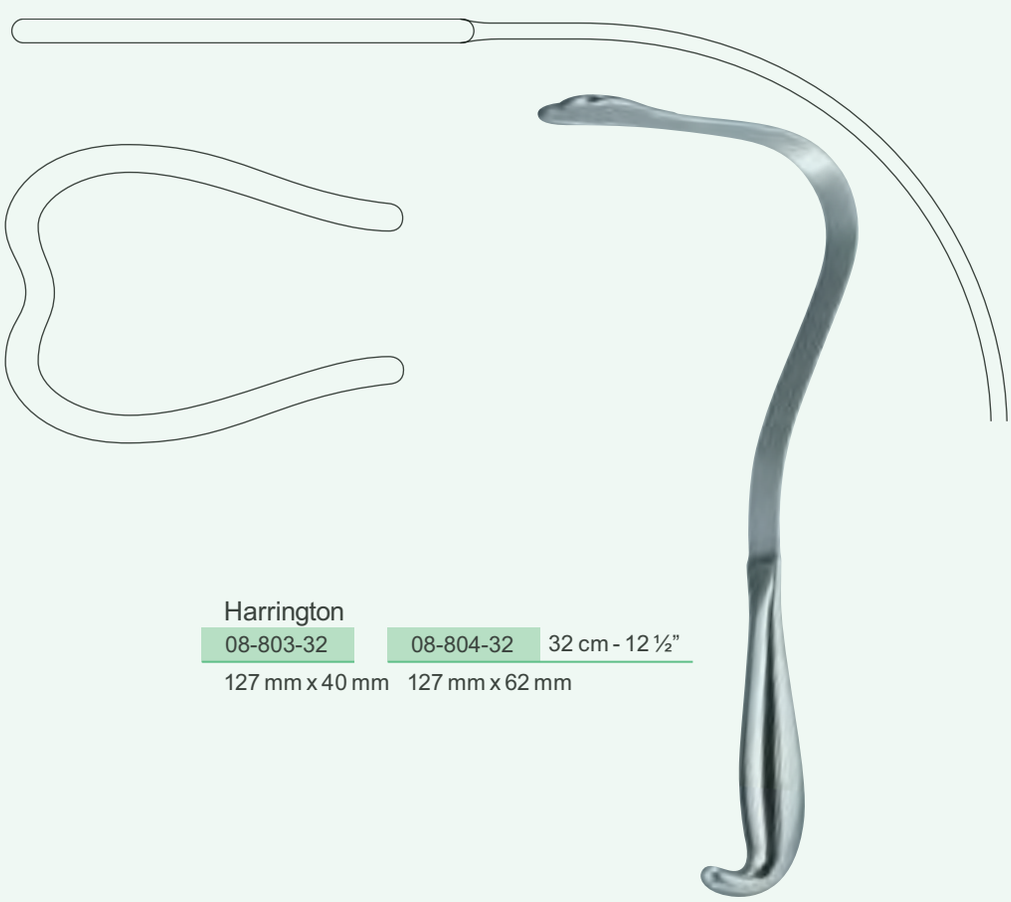
Fritsch

08-798-23	23.5 cm - 9 ¼”	a = 37 mm – b = 31 mm
08-798-24	24 cm - 9 ½”	a = 38 mm – b = 40 mm
08-798-25	25 cm - 9 ¾”	a = 43 mm – b = 51 mm
08-798-25B	25 cm - 9 ¾”	a = 49 mm – b = 61 mm
08-799-25	25.5 cm - 10”	a = 48 mm – b = 75 mm
08-800-26	26.5 cm - 10 ½”	a = 65 mm – b = 85 mm



Simon

08-801-28	08-802-28	28 cm - 11”
115 mm x 22 mm	115 mm x 27 mm	



Harrington

08-803-32	08-804-32	32 cm - 12 ½”
127 mm x 40 mm	127 mm x 62 mm	



Mikulicz

08-805-26 26 cm - 10 ¼”

95 mm x 35 mm

08-806-26

120 mm x 50 mm

08-807-26

150 mm x 50 mm

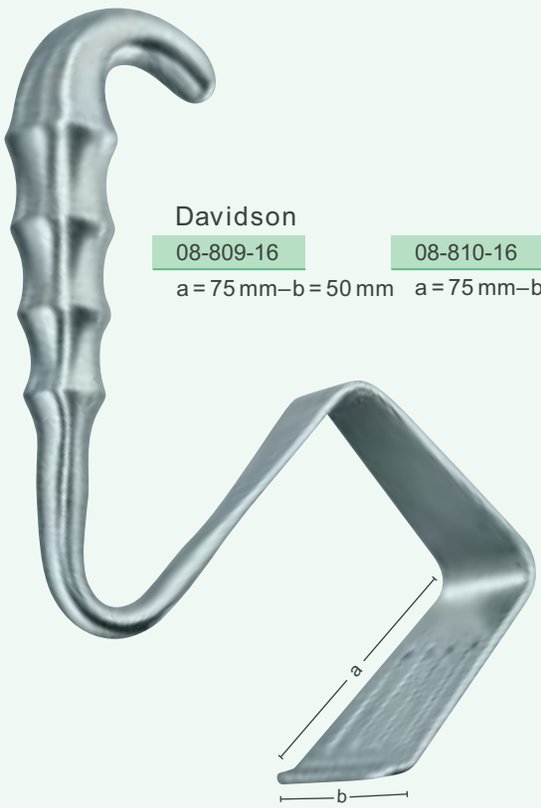


Mikulicz

08-808-26

26 cm - 10 ¼”

90 mmx 50 mm



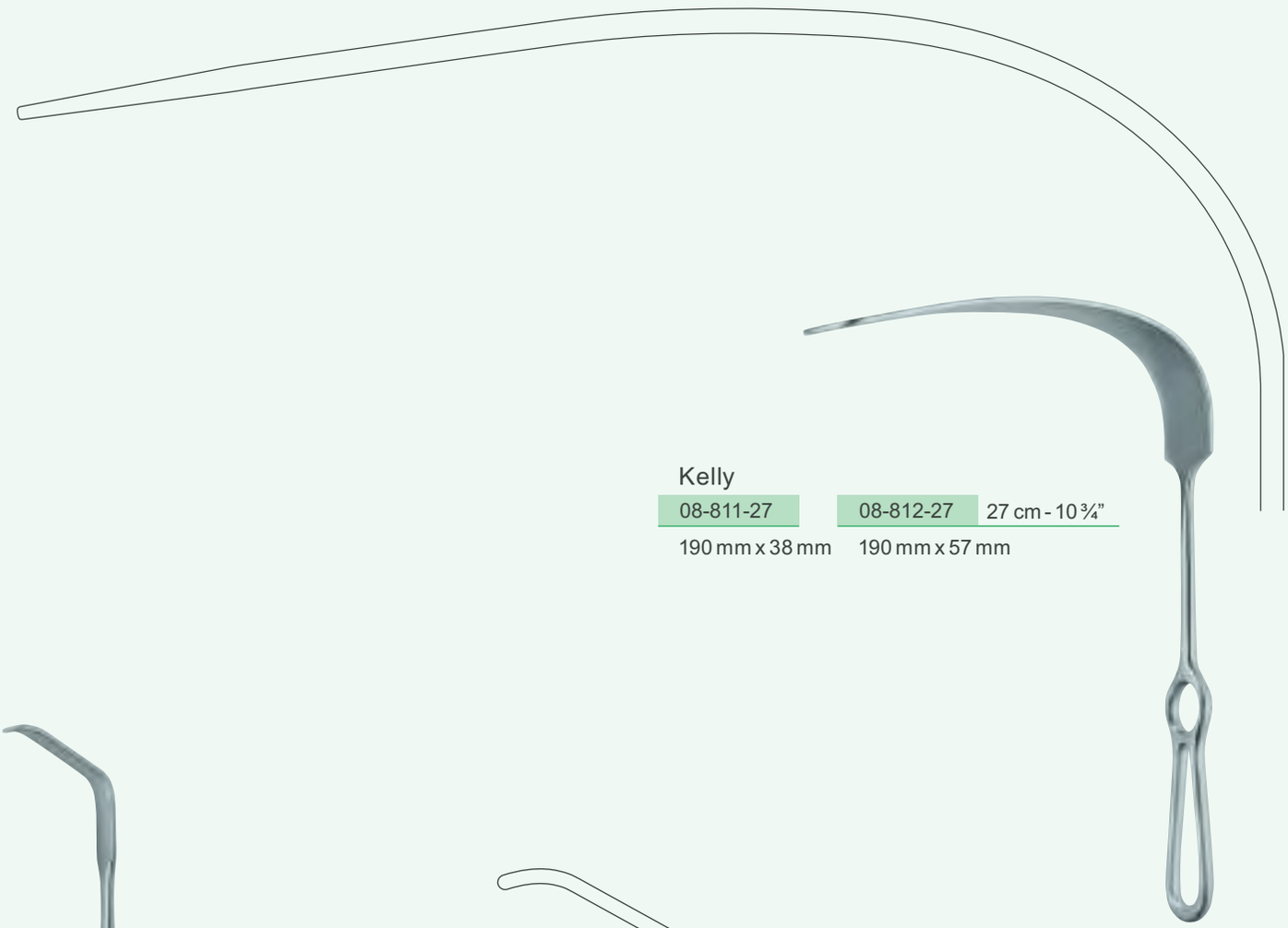
Davidson

08-809-16

a = 75 mm–b = 50 mm

08-810-16 16 cm - 6 ¼”

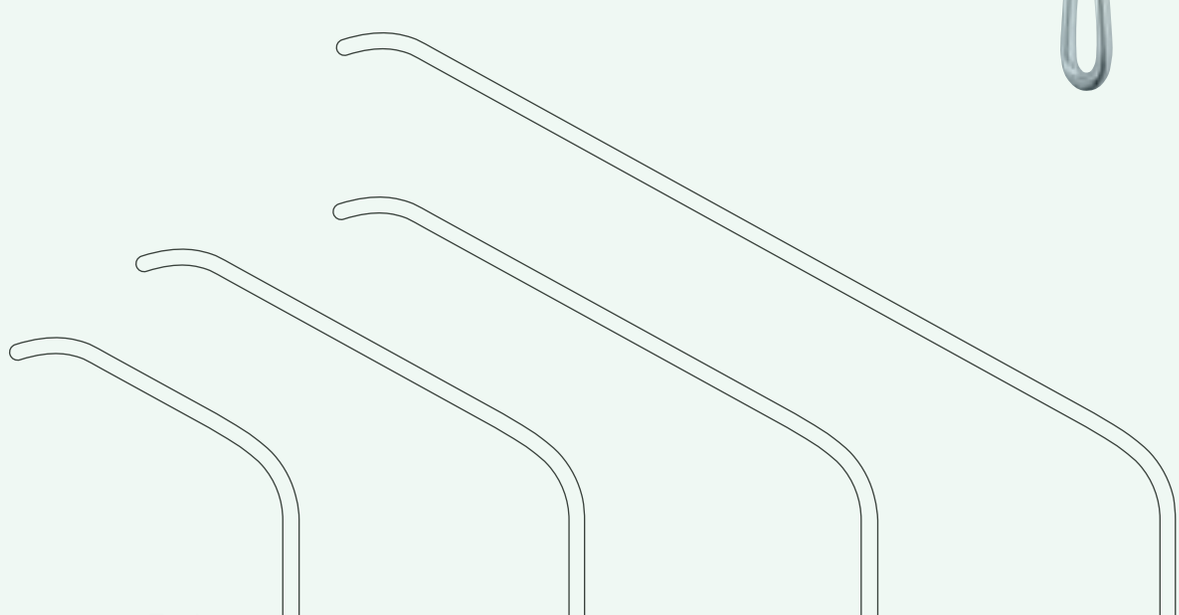
a = 75 mm–b = 90 mm



Kelly

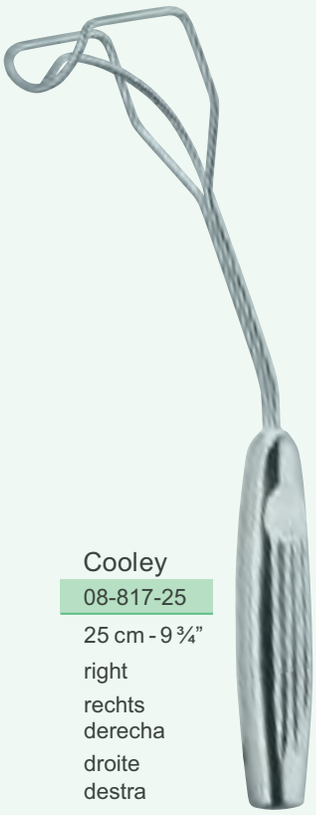
08-811-27	08-812-27	27 cm - 10 ¾”
190 mm x 38 mm	190 mm x 57 mm	





Zenker

08-813-25	08-814-26	08-815-27	08-816-29
25 cm - 9 ¾”	26 cm - 10 ¼”	27.5 cm - 10 ¾”	29 cm - 11 ½”
35 mm x 8 mm	60 mm x 12 mm	75 mm x 12 mm	120 mm x 12 mm



Cooley

08-817-25

25 cm - 9 ¾”

right

rechts

derecha

droite

destra



08-818-25

25 cm - 9 ¾”

right, serrated

rechts, gerieft

derecha, estriada

droite, strié

destra, zigrinato



08-819-27

27 cm - 10 ½”

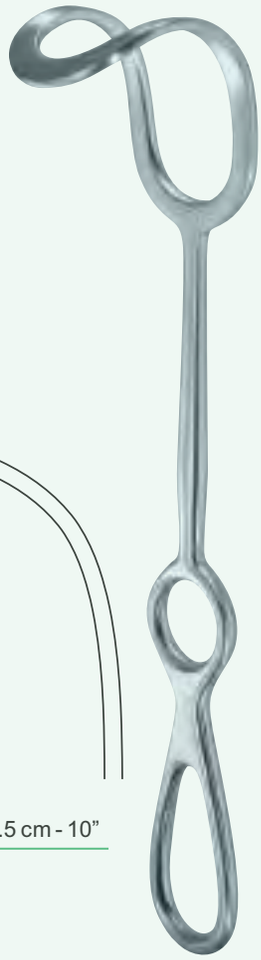
left

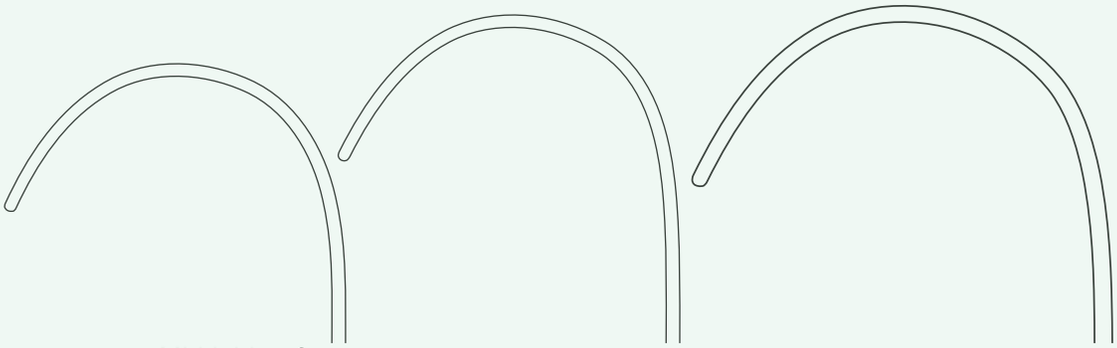
links

izquierda

gauche

sinistra





Middeldorpf

08-820-25

45 mm x 45 mm

08-821-25

45 mm x 50 mm

08-822-25 25.5 cm - 10”

55 mm x 70 mm



Doyen

08-823-25

25 cm - 9 ¾”

50 mm x 85 mm

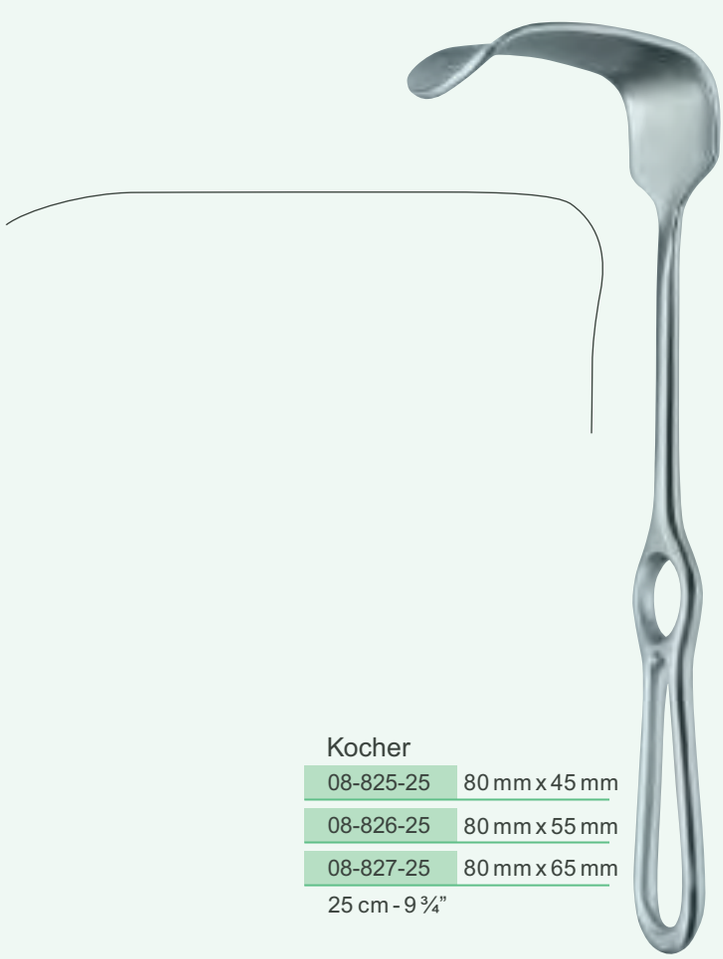


Kocher

08-824-22

22.5 cm - 8 ¾”

70 mm x 25 mm



Kocher

08-825-25	80 mm x 45 mm
08-826-25	80 mm x 55 mm
08-827-25	80 mm x 65 mm

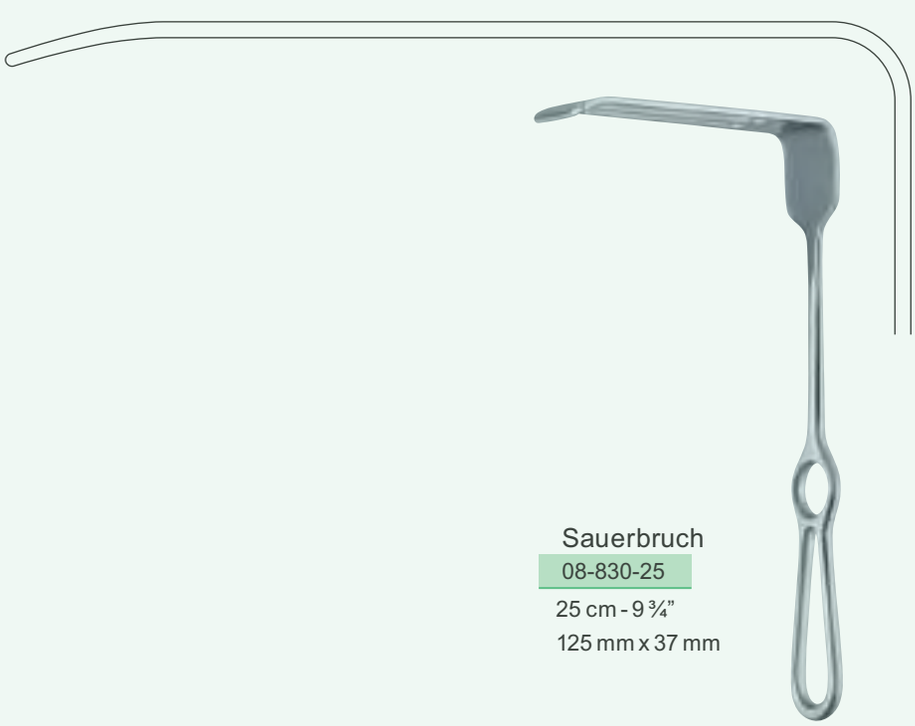
25 cm - 9 ¾”



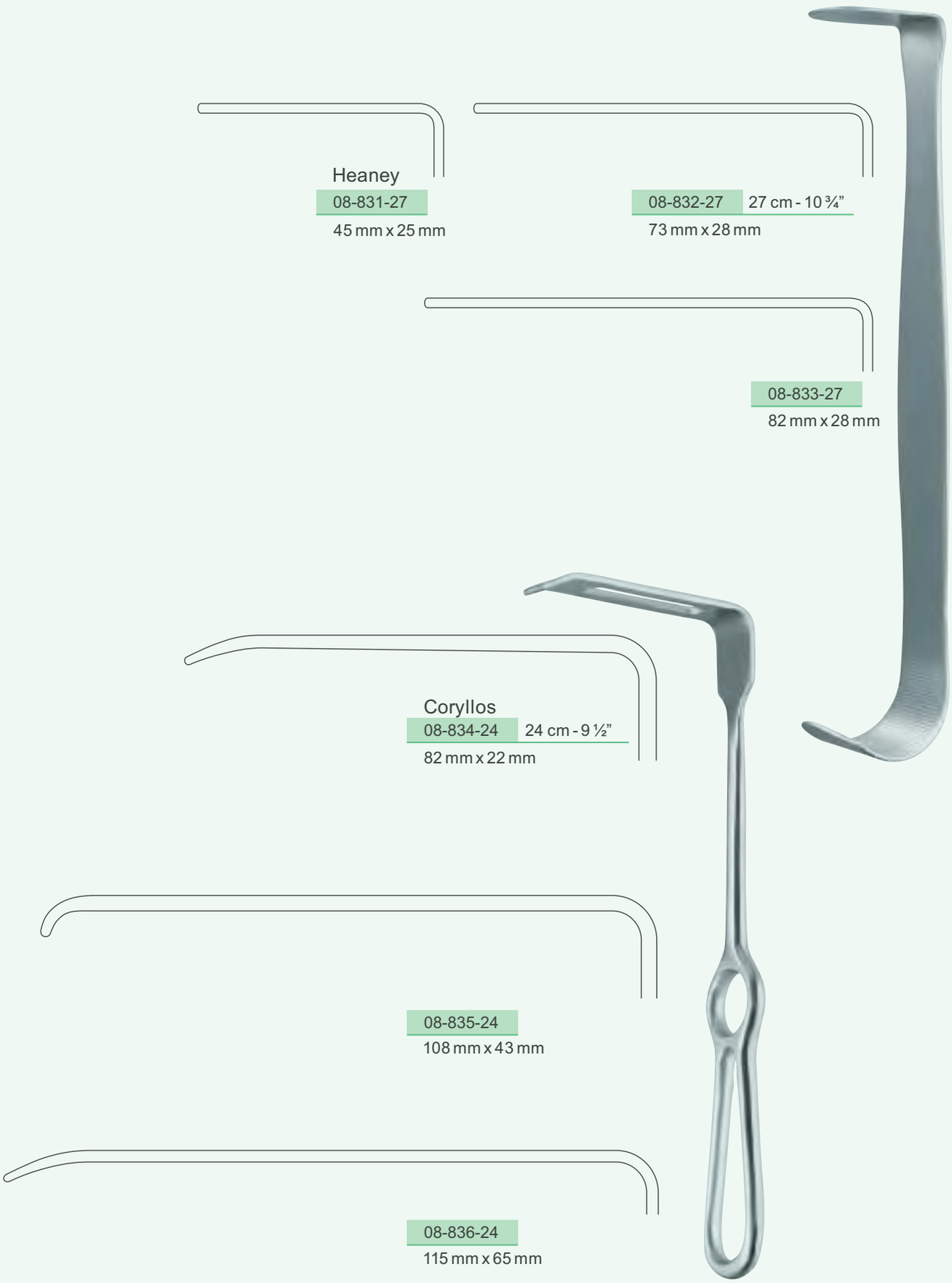
Tuffier
08-828-23
23 cm - 9”
64 mm x 60 mm



Martin
08-829-25
25 cm - 9 ¾”
105 mm x 27 mm



Sauerbruch
08-830-25
25 cm - 9 ¾”
125 mm x 37 mm



Heaney
08-831-27
45 mm x 25 mm

08-832-27 27 cm - 10 ¾”
73 mm x 28 mm

08-833-27
82 mm x 28 mm

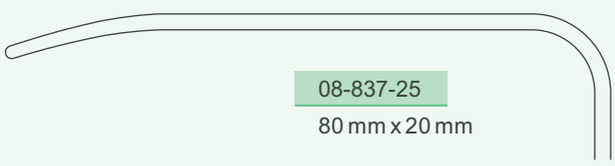
Coryllos
08-834-24 24 cm - 9 ½”
82 mm x 22 mm

08-835-24
108 mm x 43 mm

08-836-24
115 mm x 65 mm



Brunner
25 cm - 9 ¾”



08-837-25
80 mm x 20 mm



08-838-25
100 mm x 20 mm



08-839-25
120 mm x 25 mm



08-840-25
140 mm x 25 mm



08-841-25
160 mm x 30 mm



08-842-25
180 mm x 30mm



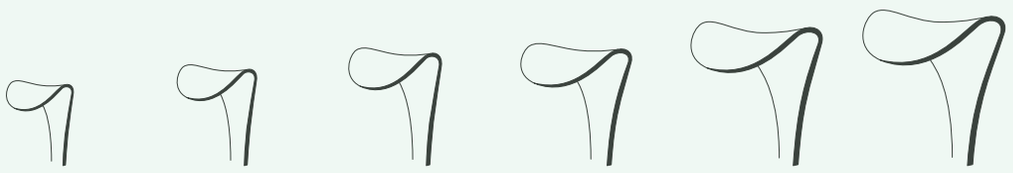
Brunner

08-843-24

24 cm - 9 ½”

142 mm x 25 mm

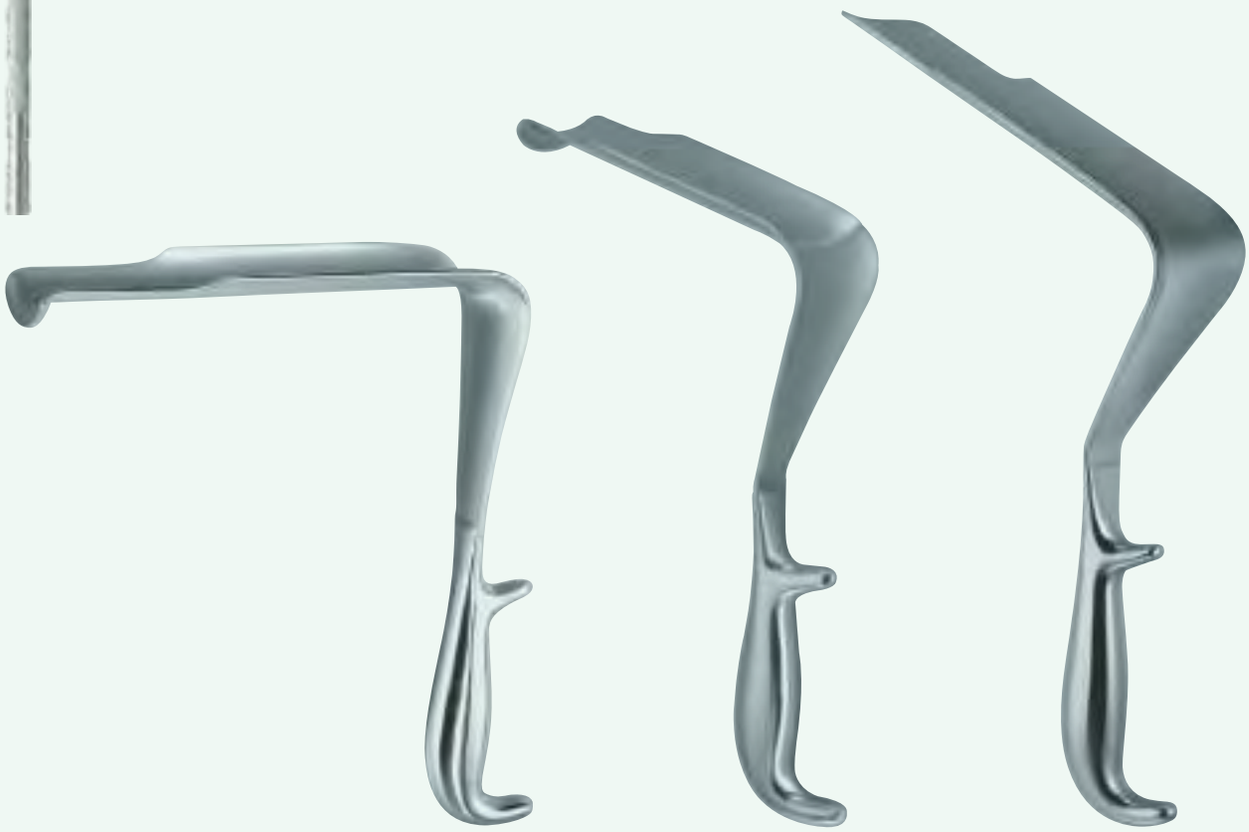




Gil-Vernet

08-844-24	08-845-24	08-846-24	08-847-24	08-848-24	08-849-24
x = 8 mm	x = 11 mm	x = 15 mm	x = 17 mm	x = 20 mm	x = 23 mm
24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”

malleable
biegsam
maleable
malléable
malleabile



St. Marks

Fig. 1

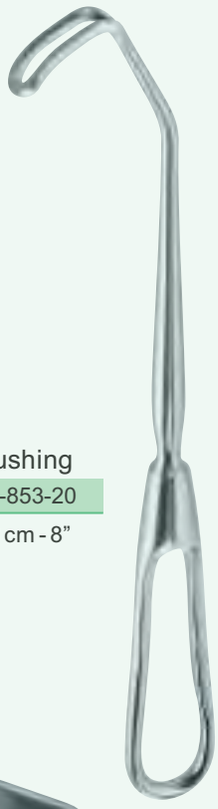
08-850-29
29 cm - 11 ½”
130 mm x 60 mm

Fig. 2

08-851-32
32.5 cm - 12 ¾”
180 mm x 60 mm

Fig. 3

08-852-33
33 cm - 13”
180 mm x 60 mm



Cushing
08-853-20
20 cm - 8”



Koerte
08-854-28
28 cm - 11”
120 mm x 47 mm



Morris
08-855-21
21 cm - 8 ¼”
50 mm x 55 mm
Angled



Morris

Fig. 1	Fig. 2	Fig. 3	
08-856-24	08-857-24	08-858-24	24.5 cm - 9 ¾”
70 mm x 40 mm	70 mm x 50 mm	70 mm x 65 mm	



Morris

10-227-13	40 x 20 mm / 60 x 40 mm
10-227-15	60 x 40 mm / 80 x 60 mm
10-227-16	60 x 50 mm / 80 x 60 mm

23 cm - 9”
Double ended



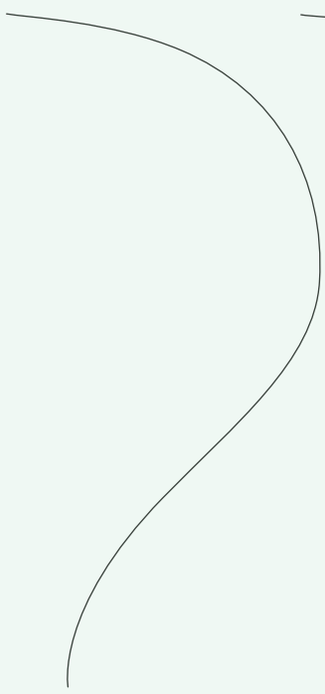
Langenbeck

10-221-01	22 x 6 mm
10-221-02	44 x 13 mm
10-221-03	64 x 25 mm

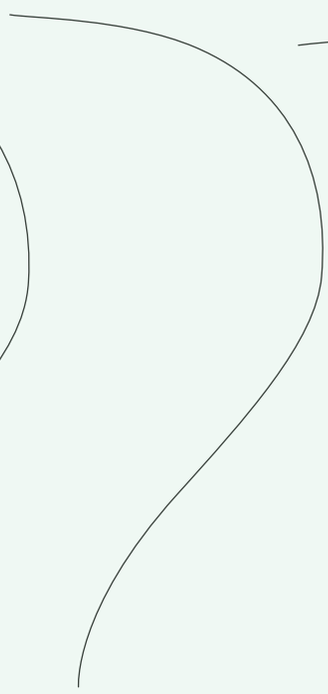
22 cm - 8 ½”



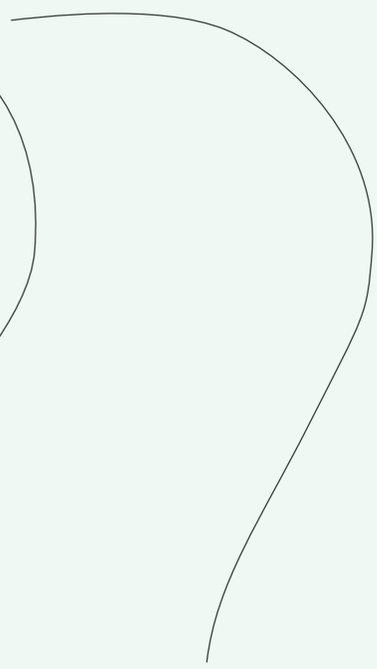
Deaver



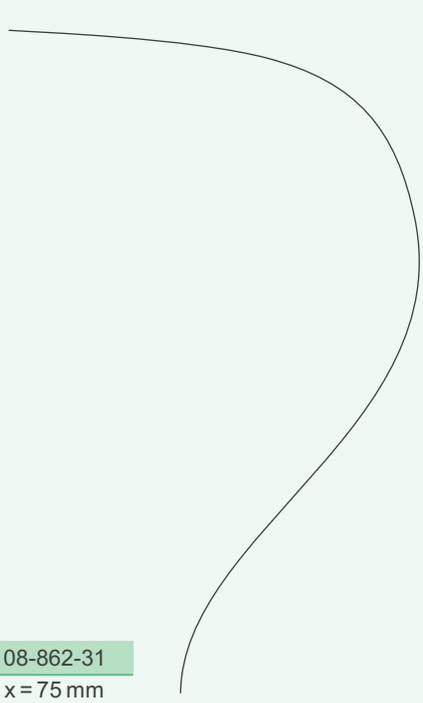
08-859-31
x = 25 mm



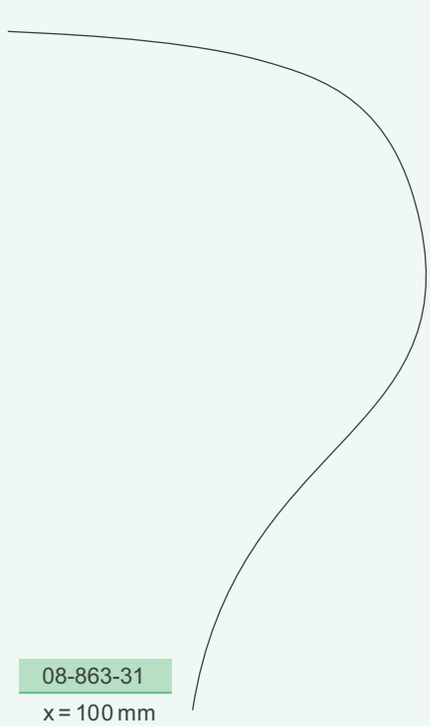
08-860-31
x = 38 mm



08-861-31 31.5 cm - 12 ½"
x = 50 mm



08-862-31
x = 75 mm



08-863-31
x = 100 mm



Deaver

08-864-18	08-865-21	08-866-23
18 cm - 7”	21.5 cm - 8 ½”	23 cm - 9”
x = 19 mm	x = 22 mm	x = 25 mm



Deaver

08-867-30	08-868-33	08-869-36
30 cm - 12”	33 cm - 13”	36 cm - 14 ¼”
x = 25 mm	x = 25 mm	x = 25 mm



Deaver

08-870-30

30 cm - 12”
x = 38 mm



08-871-30

30 cm - 12”
x = 50 mm



08-872-30

30 cm - 12”
x = 75 mm



Roux

08-873-00	08-873-14	08-874-15	08-875-17
Set of 3 Satz Juego Jeu Serie	Fig.1 14 cm - 5 ½” 24 mm x 20 mm 30 mm x 28 mm	Fig.2 15 cm - 6” 29 mm x 26 mm 36 mm x 36 mm	Fig.3 17 cm - 6 ¾” 33 mm x 29 mm 38 mm x 43 mm



Parker

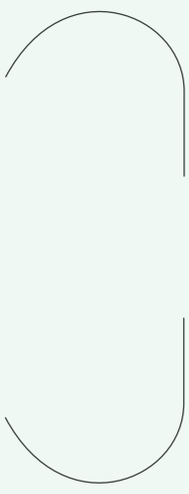
08-876-00	08-876-13	08-877-13
Set of 2 Satz Juego Jeu Serie	Fig.1 13.5 cm - 5 ¼” 18 mm x 15 mm	Fig.2 13.5 cm - 5 ¼” 22 mm x 15mm



Parker

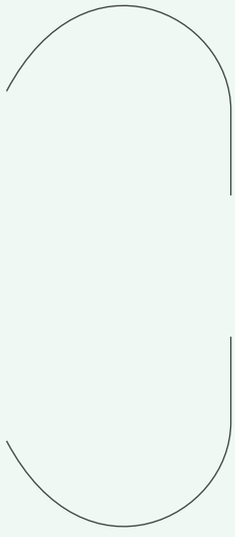
08-878-00

Set of 2
Satz
Juego
Jeu
Serie



08-878-18

Fig.1
26 mm x 25 mm
27 mm x 25 mm



08-879-18 18 cm - 7”

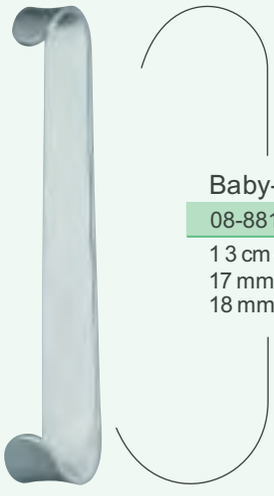
Fig.2
29 mm x 25 mm
27 mm x 25 mm



Mini-Roux

08-880-14

14.5 cm - 5 ¾”
8 mm x 6 mm



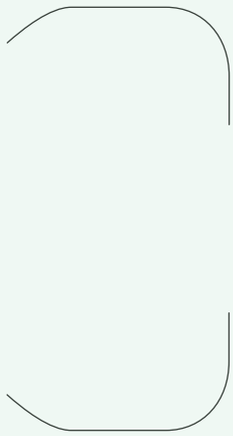
Baby-Roux

08-881-13

1 3 cm - 5”
17 mm x 16 mm
18 mm x 22 mm



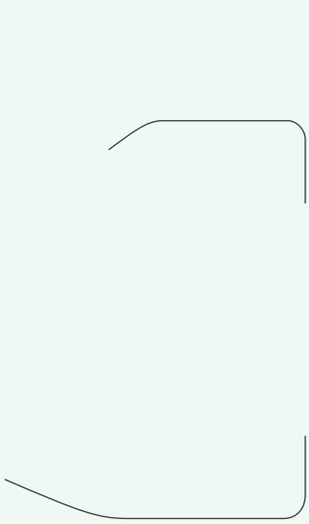


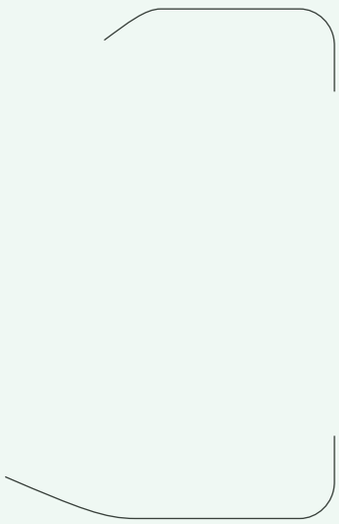


Mayo-Collin

08-882-00	08-882-15	08-883-15 15 cm - 6”
Set of 2 Satz Juego Jeu Serie	Fig.1 25 mm x 18 mm 28 mm x 18 mm	Fig.2 28 mm x 19 mm 32 mm x 19 mm



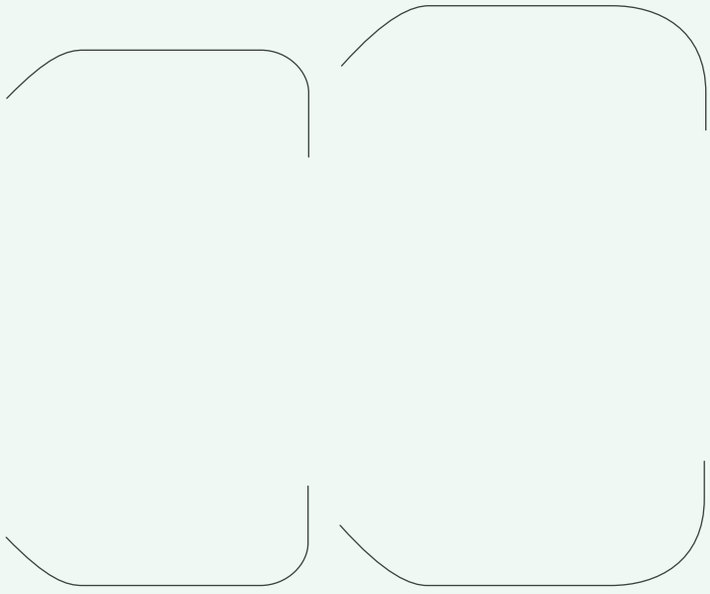




Parker-Langenbeck (US Army)

08-884-00	08-884-21	08-885-21 21 cm - 8 ¼”
Set of 2 Satz Juego Jeu Serie	Fig.1 21 mm x 24 mm 40 mm x 15 mm	Fig.2 25 mm x 24 mm 45 mm x 15 mm





Mathieu

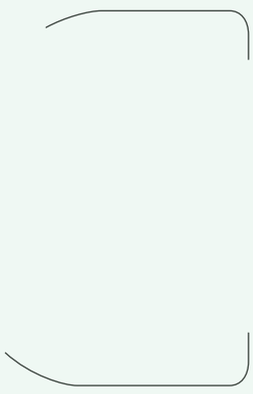
08-886-00	08-886-20	08-887-20 20 cm - 8”
Set of 2 Satz Juego Jeu Serie	Fig.1 42 mm x 13 mm 42 mm x 26 mm	Fig.2 47 mm x 13 mm 46 mm x 26 mm



Farabeuf

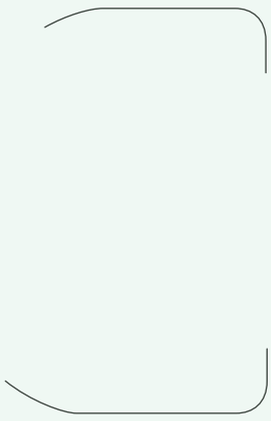
08-888-00

Set of 2
Satz
Juego
Jeu
Serie



08-888-12

Fig.1
26 mm x 10 mm
30 mm x 12 mm



08-889-12 12 cm - 4 ¾”

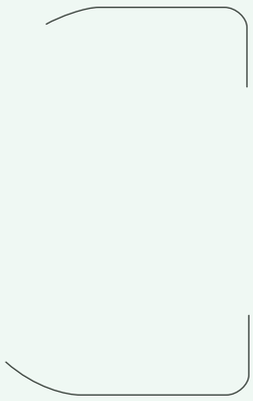
Fig.2
30 mm x 10 mm
34 mm x 12 mm



Farabeuf

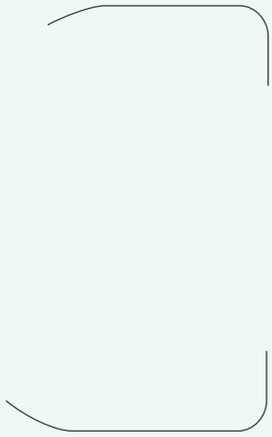
08-890-00

Set of 2
Satz
Juego
Jeu
Serie



08-890-15

Fig.1
23 mm x 16 mm
26 mm x 16 mm



08-891-15 15 cm - 6”

Fig.2
27 mm x 16 mm
30 mm x 16 mm



Alm

08-892-07	08-893-07	08-894-07	7 cm - 2 ¾”
08-892-10	08-893-10	08-894-10	10 cm - 4”
sharp scharf agudo pointu acuto	semi-sharp halbscharf semi-agudo semi-pointu semi-acuto	blunt stumpf romo mousse smusso	



Holtzheimer

08-895-10	08-896-10	10 cm - 4”
sharp scharf agudo pointu acuto	blunt stumpf romo mousse smusso	



Bose

08-897-07
7 cm - 2 ¾”



Jansen

08-898-10	08-899-10	10 cm - 4”
08-898-11	08-899-11	11 cm - 4 ¼”
sharp scharf agudo pointu acuto	blunt stumpf romo mousse smusso	



Cloward-Contour

08-900-14	08-901-14	14 cm - 5 ½”
3x4	3x4	
sharp	blunt	
scharf	stumpf	
agudo	romo	
pointu	mousse	
acuto	smusso	



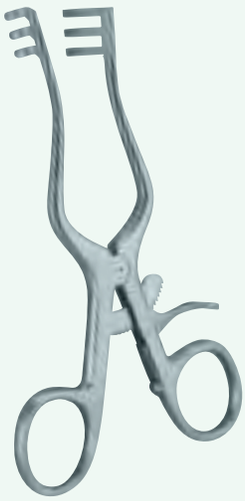
Wullstein

08-902-10	08-903-10	10 cm - 4”
3x3	3x3	
sharp	blunt	
scharf	stumpf	
agudo	romo	
pointu	mousse	
acuto	smusso	



Weitlaner-Wullstein

08-904-13	08-905-13	13 cm - 5”
3x3	3x3	
sharp	blunt	
scharf	stumpf	
agudo	romo	
pointu	mousse	
acuto	smusso	



Milligan

08-906-13	13 cm - 5”
3x3	
blunt	
stumpf	
romo	
mousse	
smusso	



Belucci

08-907-11	
08-907-13	

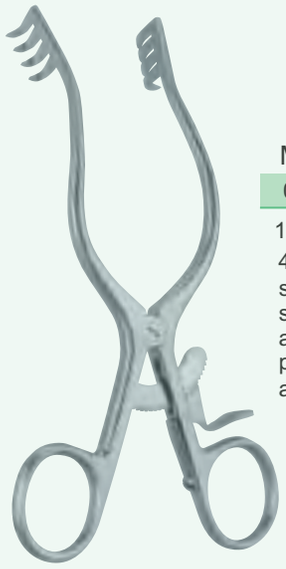
1x2
left, blunt
links, stumpf
izquierda, romo
gauche, mousse
sinistra, smusso



Belucci

08-908-11	11 cm - 4 ¼”
08-908-13	13 cm - 5”

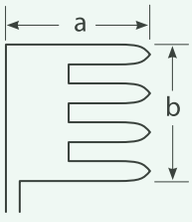
1x2
right, blunt
rechts, stumpf
derecha, romo
droit, mousse
destra, smusso

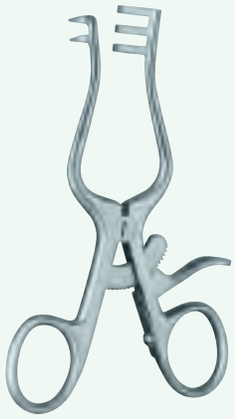


Mollison

08-909-15	

15 cm - 6”
4x4
sharp
scharf
agudo
pointu
acuto







Weitlaner-Loktite

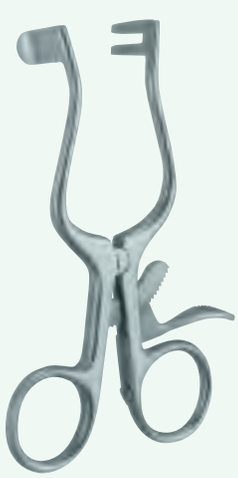
08-910-10	08-911-10	08-912-10	08-913-10	08-914-10	08-915-10	10.5 cm - 4 ¼”	a = 17 mm– b = 13 mm
08-910-13	08-911-13	08-912-13	08-913-13	08-914-13	08-915-13	13 cm - 5”	a = 17 mm– b = 17 mm
08-910-16	08-911-16	08-912-16	08-913-16	08-914-16	08-915-16	16.5 cm - 6 ½”	a = 17 mm– b = 17 mm
08-910-20	08-911-20	08-912-20	08-913-20	08-914-20	08-915-20	20 cm - 8”	a = 20 mm– b = 19 mm
08-910-26	08-911-26	08-912-26	08-913-26	08-914-26	08-915-26	26 cm - 10 ¼”	a = 26 mm– b = 21 mm

2 x 3	2 x 3	2 x 3	3 x 4	3 x 4	3 x 4
sharp	semi-sharp	blunt	sharp	semi-sharp	blunt
scharf	halbscharf	stumpf	scharf	halbscharf	stumpf
agudo	semi-agudo	romo	agudo	semi-agudo	romo
pointu	semi-pointu	mousse	pointu	semi-pointu	mousse
acuto	semi-acuto	smusso	acuto	semi-acuto	smusso



Plester

08-916-13	08-917-13	13 cm - 5”
2x2 blunt stumpf romo mousse smusso	2x2 sharp scharf agudo pointu acuto	

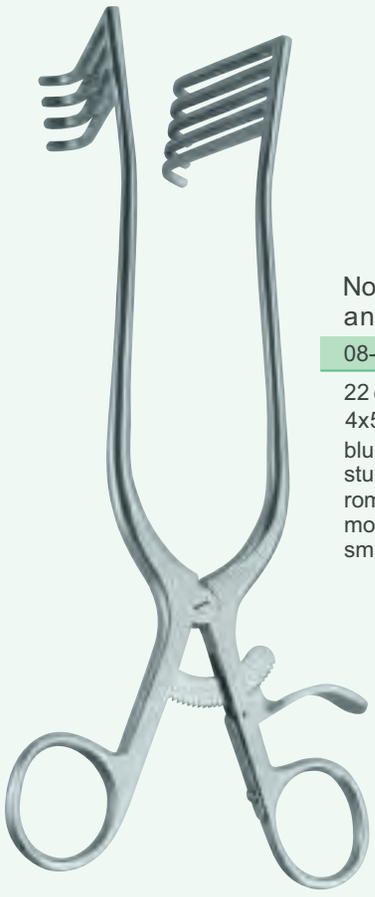


Plester

08-918-11
2x1 left, blunt links, stumpf izquierda, romo gauche, mousse sinistra, smusso



08-919-11	11 cm - 4 ¼”
1x2 right, blunt rechts, stumpf derecha, romo droit, mousse destra, smusso	



Norfolk
and Norwich

08-920-22

22 cm - 8 ¾”
4x5
blunt
stumpf
romo
mousse
smusso



Travers

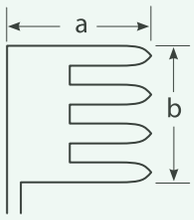
08-921-21

21.5 cm - 8 ½”
4x5
blunt
stumpf
romo
mousse
smusso



Anderson-Adson

08-922-19	08-923-19	19.5 cm - 7 ¾”
4x4	4x4	
sharp	blunt	
scharf	stumpf	
agudo	romo	
pointu	mousse	
acuto	smusso	





Adson (Cone)

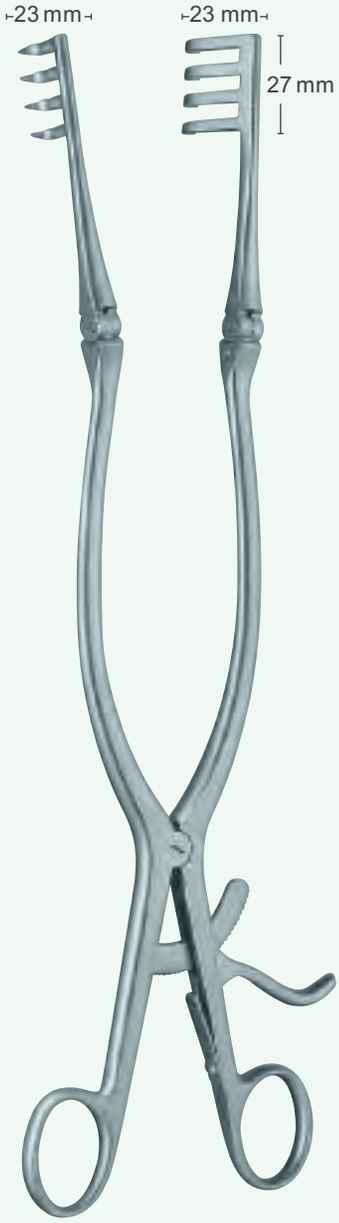
08-924-13	08-925-13	13 cm - 5”	a = 17 mm– b = 19 mm
08-924-16	08-925-16	16 cm - 6 ¼”	a = 17 mm– b = 19 mm
08-924-20	08-925-20	20 cm - 8”	a = 20 mm– b = 20 mm
08-924-26	08-925-26	26 cm - 10 ¼”	a = 26 mm– b = 21 mm
3x4 sharp scharf agudo pointu acuto	3x4 blunt stumpf romo mousse smusso		



Beckmann-Eaton

08-926-32

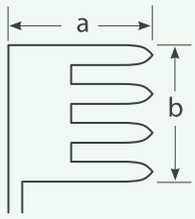
32 cm - 12 ½”
7x7
sharp
scharf
agudo
pointu
acuto



Beckmann

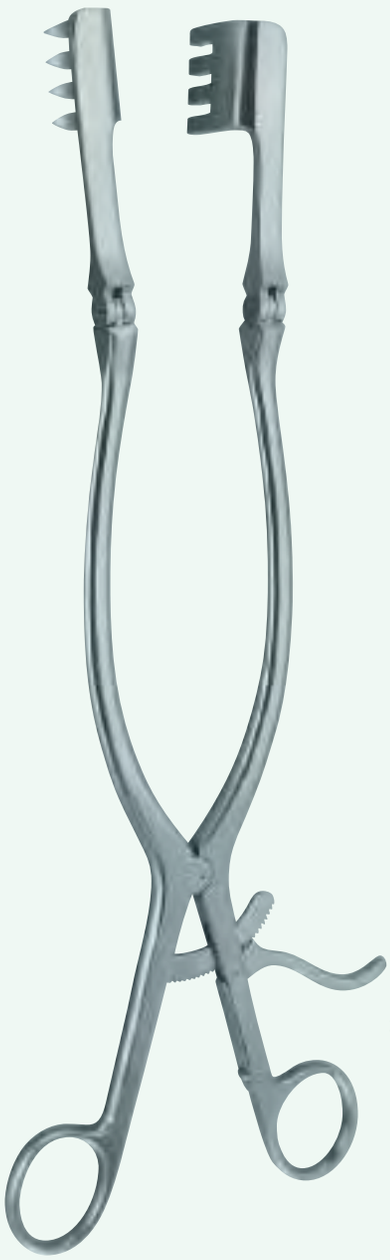
08-927-31	08-928-31	08-929-31	31 cm - 12 ¼”
4x4 sharp scharf agudo pointu acuto	4x4 semi-sharp halbscharf semi-agudo semi-pointu semi-acuto	4x4 blunt stumpf romo mousse smusso	

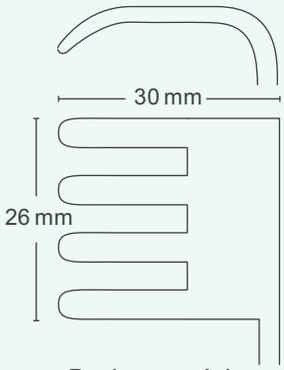




Adson

08-930-24	08-931-24	3x4	a = 24 mm – b = 24 mm
08-930-40	08-931-40	6x6	a = 40 mm – b = 40 mm
26.5 cm - 10 ½”	26.5 cm - 10 ½”		
sharp scharf agudo pointu acuto	blunt stumpf romo mousse smusso		

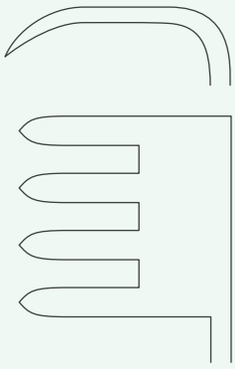




Beckmann-Adson

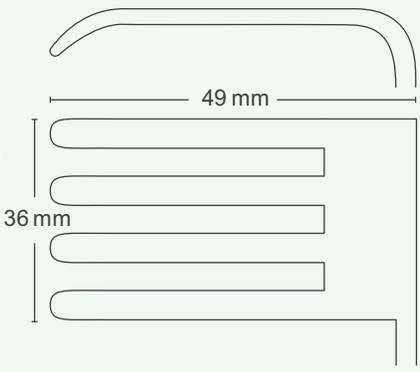
08-932-31

blunt
stumpf
romo
mousse
smusso



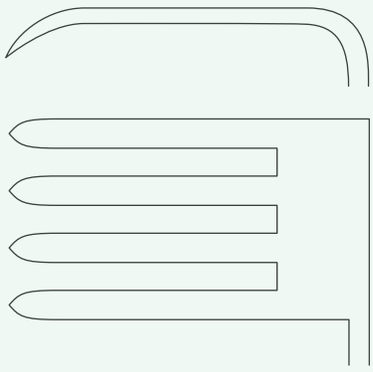
08-933-31 31 cm - 12 ¼”

sharp
scharf
agudo
pointu
acuto



08-934-31

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



08-935-31

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

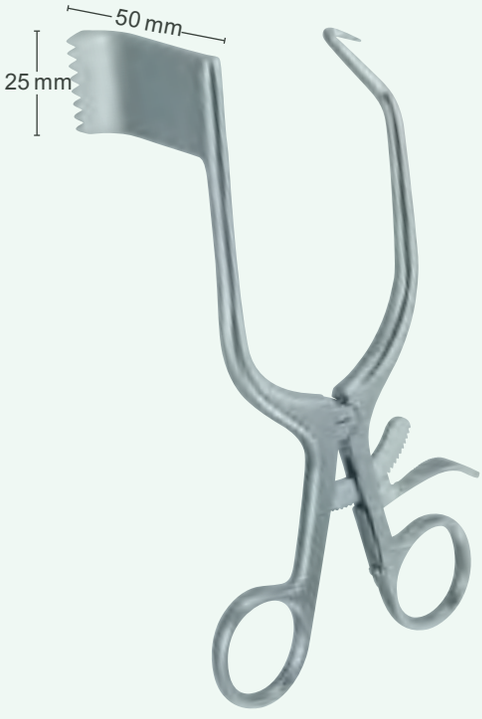




Gelpi-Loktite

08-936-09	
08-936-11	
08-936-13	
08-936-15	
08-936-18	

08-937-09	9 cm - 3 ½”
08-937-11	11 cm - 4 ¼”
08-937-13	13 cm - 5”
08-937-15	15 cm - 6”
08-937-18	18 cm - 7”



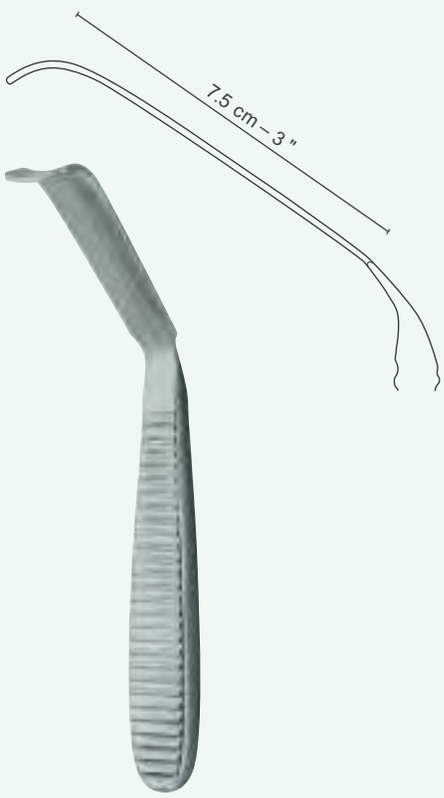
Markham-Meyerding

08-938-18	08-939-18	18 cm - 7”
right	left	
rechts	links	
derecha	izquierda	
droit	gauche	
destra	sinistra	



Rigby

08-940-18
18 cm - 7”



Cloward

08-941-18	18 mm
08-941-20	20 mm
08-941-23	23 mm

16 cm - 6 ¼"



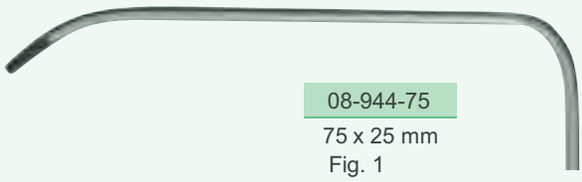
Tittle

08-942-20

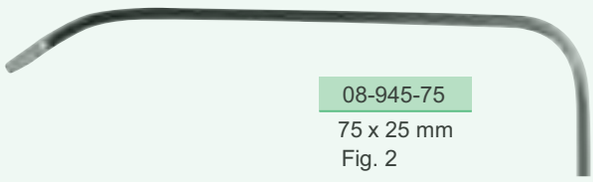
20 cm - 8 "
12 x 14 mm



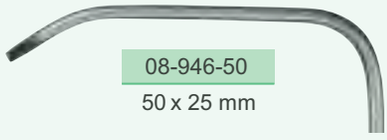
Hibbs
08-943-00
Set of two
24.5 cm - 9 ¾”



08-944-75
75 x 25 mm
Fig. 1



08-945-75
75 x 25 mm
Fig. 2



08-946-50
50 x 25 mm



08-947-10
100 x 25 mm



Meyerding

08-948-32	32 x 25 mm
08-948-54	54 x 25 mm
08-948-60	60 x 25 mm

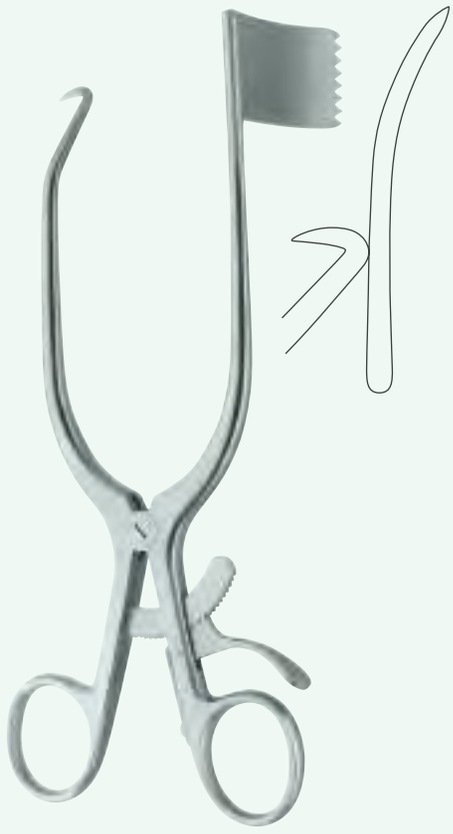
24.5 cm - 9 ¾" blade size



Markham-Meyerding

08-949-19	

19 cm - 7 ½"
Left blade



Markham-Meyerding

08-950-19	50 x 26 mm

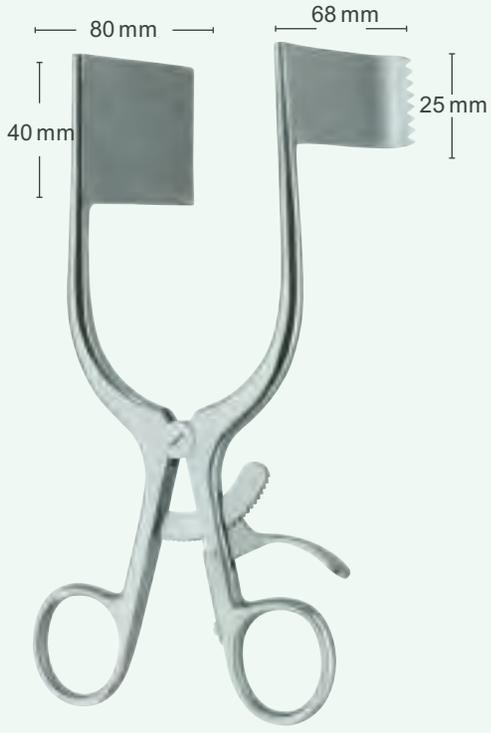
19 cm - 7 ½"
Right blade



Darling

08-951-18

18 cm - 7"



Darling

08-952-18

18 cm - 7"



Henley

08-993-00	Complete set consisting of:			
08-993-16	Retractor	3x4 teeth	16.5 cm - 6½"	Sharp
08-995-19	Fig. 1	Central blade	19x16 mm	
08-996-25	Fig. 2	Central blade	25x16 mm	
08-997-32	Fig. 3	Central blade	32x16 mm	

08-994-00	Complete set consisting of:			
08-994-16	Retractor	3x4 teeth	16.5 cm - 6½"	Blunt
08-995-19	Fig. 1	Central blade	19x16 mm	
08-996-25	Fig. 2	Central blade	25x16 mm	
08-997-32	Fig. 3	Central blade	32x16 mm	



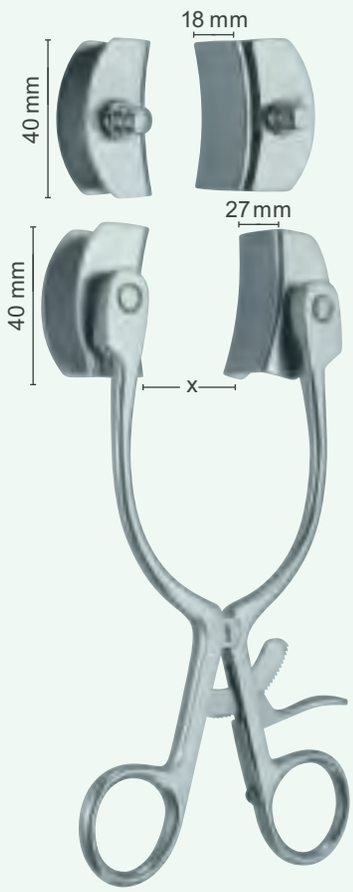
Fig. 1
08-995-19
19 mm x 16 mm



Fig. 2
08-996-25
25 mm x 16 mm



Fig. 3
08-997-32
32 mm x 16 mm



Baby Collin

08-998-00	Complete set consisting of:	
08-998-18	1 Retractor	18 cm - 7”
08-998-01	1 pair of blade	40x18 mm
08-998-02	1 pair of blade	40x27 mm



Collin

08-999-22	
22 cm - 8 ¾”	
x = 100 mm	



Collin

08-101-22	Complete set consisting of:
	Retractor 22.5 cm - 8¾”
	1 pair of lateral blade a=38 mm b=60mm
	1 center blade a=38 mm b=55mm
08-102-22	Complete set consisting of:
	Retractor 22.5 cm - 8¾”
	1 pair of lateral blade a=38 mm b=80mm
	1 center blade a=50 mm b=75mm
08-103-22	Complete set consisting of:
	Retractor 22.5 cm - 8¾”
	1 pair of lateral blade a=37 mm b=98mm
	1 center blade a=53 mm b=76mm

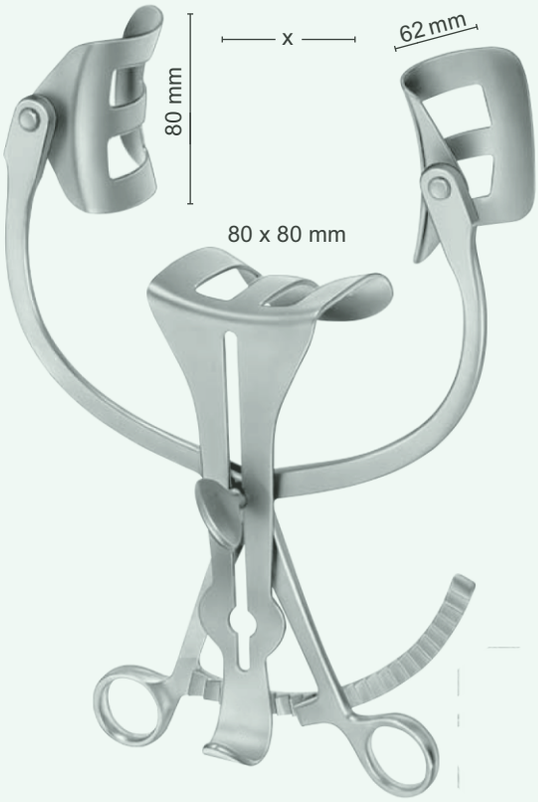
x = 100 mm



Collin

08-104-26	Complete set consisting of:
	1 Retractor 26 cm - 10¼"
	1 pair of lateral blade a=60 mm b=80mm
	1 center blade a=60 mm b=75mm

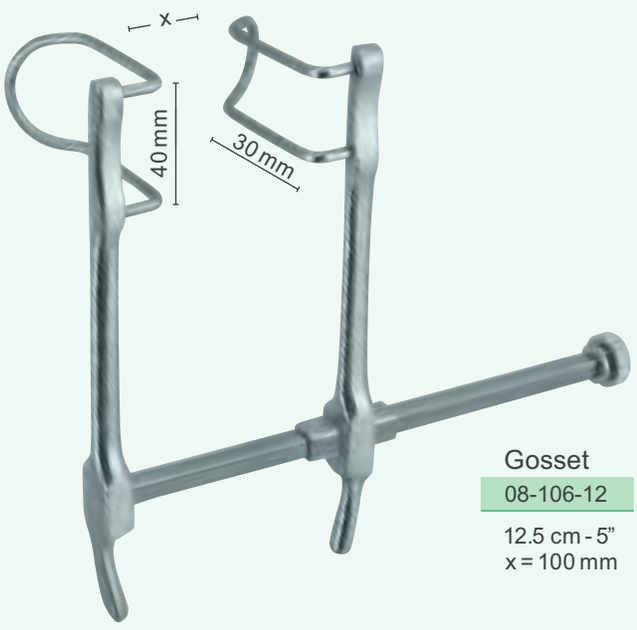
x = 100 mm



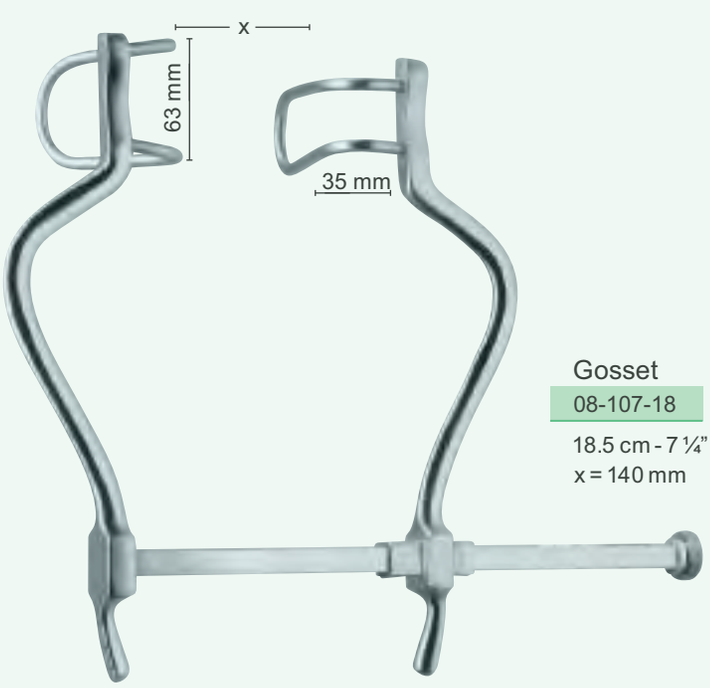
Holzbach

08-105-26	Complete set consisting of:
	1 Retractor 26 cm - 10¼"
	1 pair of lateral blade a=62 mm b=80mm
	1 center blade a=80 mm b=80mm

x = 100 mm



Gosset
08-106-12
12.5 cm - 5”
x = 100 mm



Gosset
08-107-18
18.5 cm - 7 ¼”
x = 140 mm



Gosset

08-108-16	Complete set consisting of:	
08-108-00	Retractor	
08-108-01	Lateral blade	35x63mm
08-108-02	Center blade	65x70mm

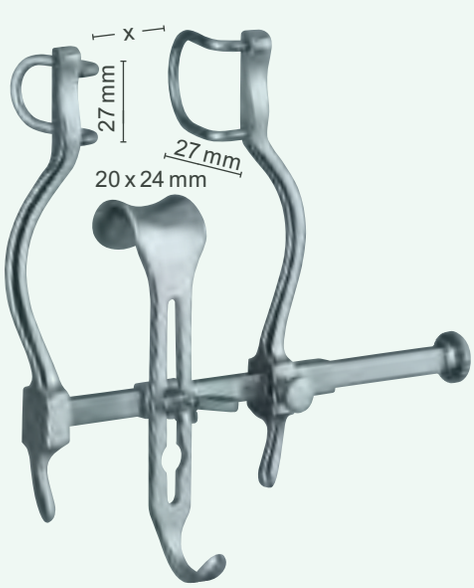
x = 160 mm



Balfour

08-109-20	Complete set consisting of:	
08-109-00	Retractor	
08-109-01	Lateral blade	35x100mm
08-109-02	Center blade	70x100mm

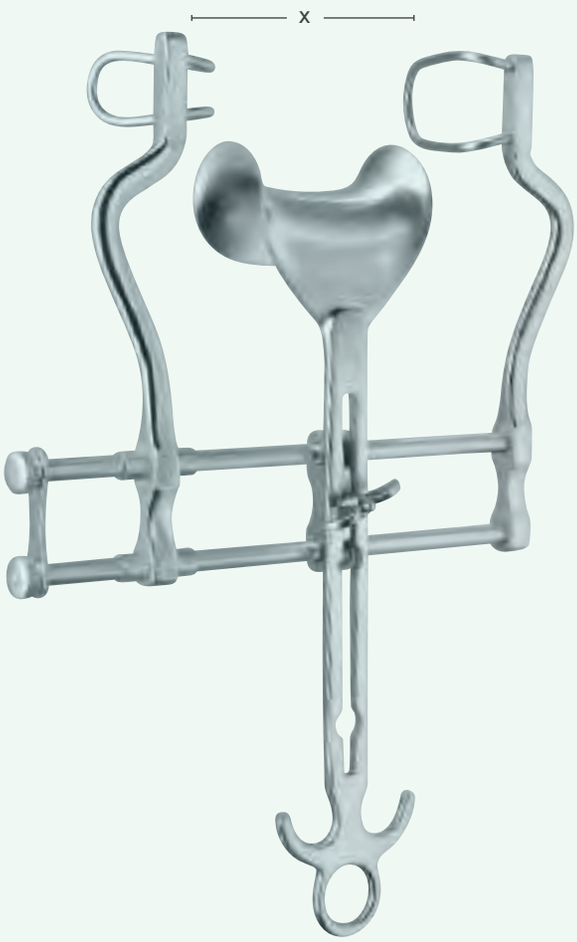
x = 200 mm



Balfour - Baby

08-110-27	Complete set consisting of:	
08-110-00	Retractor	
08-110-01	Lateral blade	27x27mm
08-110-02	Center blade	20x24mm

x = 90 mm



Balfour

08-111-18	Complete set consisting of:
08-111-00	Retractor
08-111-01	Lateral blade 35x70mm
08-111-02	Center blade 45x80mm

x = 180 mm

08-112-18	Complete set consisting of:
08-112-00	Retractor
08-112-01	Lateral blade 35x100mm
08-112-02	Center blade 70x85mm

x = 250 mm

08-113-45	45 mm x 80 mm
08-113-70	70 mm x 85 mm
08-113-80	80 mm x 90 mm

Center blades only
Mittelvalven allein
Valvas centrales sola
Valves centrales seul
Valve centrali solo



Ricard - 1

08-114-28	Complete set consisting of:	
08-114-00	Retractor	
08-114-01	Lateral blade	60x80mm
08-114-02	Center blade	55x70mm

x = 280 mm

Ricard - 2

08-115-30	Complete set consisting of:	
08-116-00	Retractor	
08-116-01	Lateral blade	70x85mm
08-116-02	Center blade	80x90mm

x = 300 mm



O'Sullivan-O'Connor

08-115-45	Complete set consisting of:	
08-115-00	Retractor	
08-115-01	Lateral blade	60x80mm
08-115-02	Center blade	55x70mm



O'Sullivan-O'Connor - Baby

08-130-00	Complete set consisting of:		
	1 Frame		
08-156-01	Fig. 1	1 blade	45x17cm
08-157-02	Fig. 2	1 blade	90x37cm
08-158-03	Fig. 3	1 blade	90x45cm



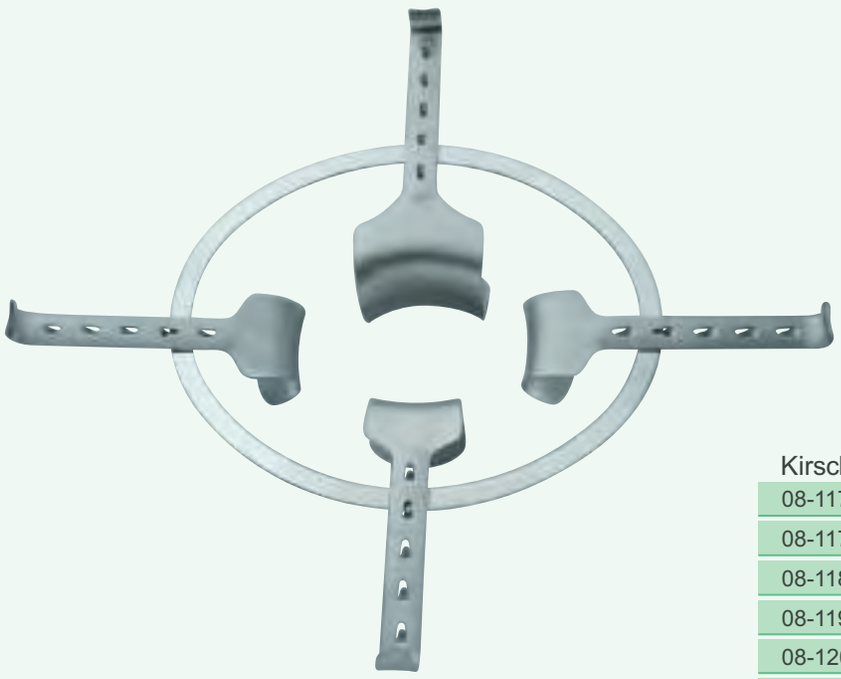
Fig. 1
08-156-01
45 mm x 17 mm

Fig. 2
08-157-02
90 mm x 37 mm

Fig. 3
08-158-03
90 mm x 45 mm

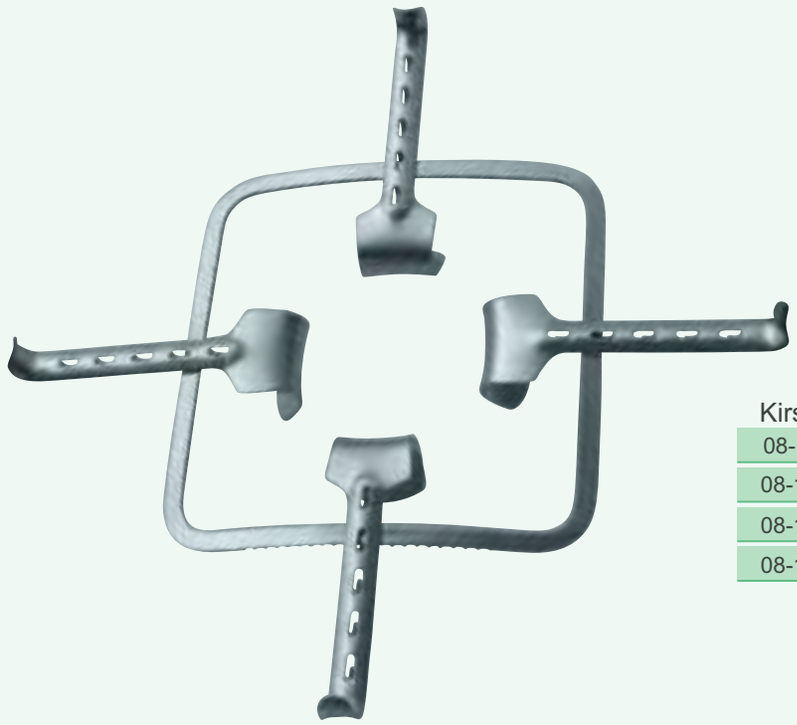


Friedmann
08-159-10
10 cm - 4"



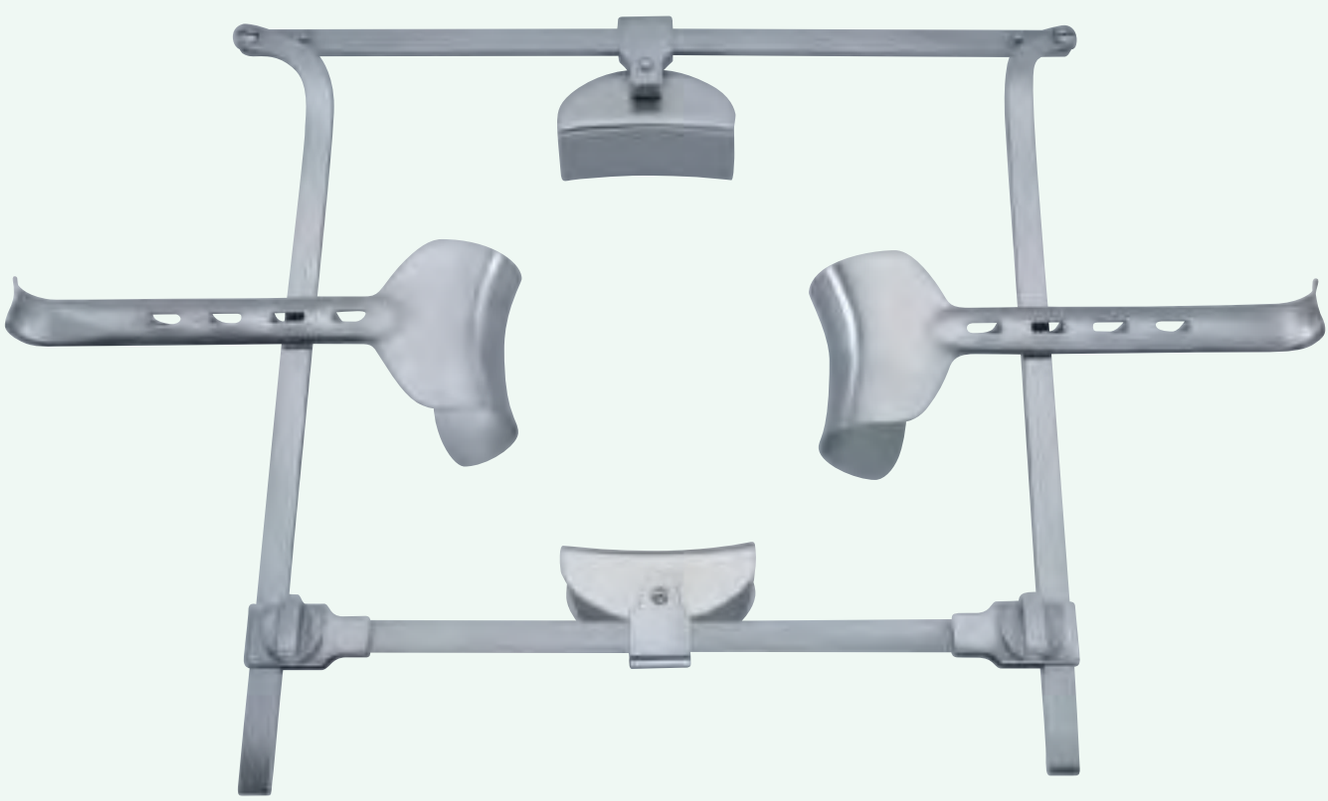
Kirschner, oval

08-117-00	Complete set consisting of:
08-117-24	1 Frame 24x30cm
08-118-05	3 blades 5x6.5cm
08-119-08	1 blade 8x9cm
08-120-05	1 blades 5x9.8cm
08-121-03	1 blade 3.5x10.5cm



Kirschner

08-122-00	Complete set consisting of:
08-122-24	1 Frame 24x24cm
08-123-04	2 blades 4x5.5cm
08-124-50	2 blade 5x6.5cm



Franz

08-130-00	Complete set consisting of:	
08-130-06	1 Frame	30x30cm
08-131-04	2 blades	4x6cm
08-132-04	2 blade	4.5x8cm
08-134-05	2 blades	5x6.5cm
08-135-06	2 blade	6x8.5cm

Franz

08-130-01	Complete set consisting of:	
08-130-06	1 Frame	30x30cm
08-131-04	2 blades	4x6cm
08-134-05	2 blade	5x6.5cm
08-135-06	2 blade	6x8.5cm



Franz

08-125-30

Frame 30x30cm



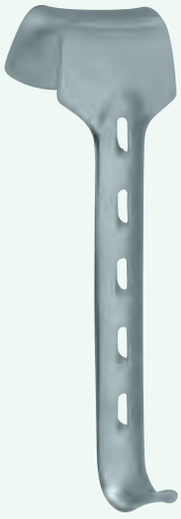
08-131-04

4 cm x 6 cm



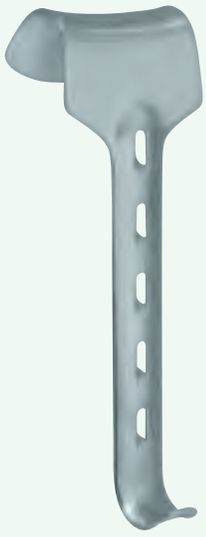
08-132-04

4.5 cm x 8 cm



08-133-04

4 cm x 5.5 cm



08-134-05

5 cm x 6.5 cm



08-135-06

6 cm x 8.5 cm



08-136-08

8 cm x 9 cm



08-137-05

5 cm x 9.8 cm



08-138-03

3.5 cm x 10.5 cm



Emma

08-139-33	08-140-33	08-141-33	33 cm - 13”
30 mm	40 mm	50 mm	

malleable
biegsam
malléable
maleable
flessibile



Martin

08-142-20	08-143-20	08-144-25
20 cm - 8”	20 cm - 8”	25 cm - 9¾”
12 mm	17 mm	25 mm

soft
weich
flexible
souple
morbido

Haberer Modified

08-145-20	08-146-20	08-147-20	08-148-20	08-149-20	08-150-20	20 cm - 8”
6,5 mm	9,5 mm	13 mm	16 mm	19 mm	25 mm	

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



Haberer

08-151-20	08-152-28	08-153-30
20 cm - 8”	28 cm - 11”	30 cm - 12”
17 mm / 25 mm	25 mm / 30 mm	37 mm / 45 mm

malleable
biegsam
maleable
malléable
flessibile



Reverdin

08-154-28

28 cm - 11”
46 mm x 60 mm



Cloward
Fig. 1

13-873-15	Retractor only 15 cm - 6”
13-873-00	Complete set consisting of:
13-873-15	1 Retractor
	1 pair of blades 13-877-40 to 13-877-60



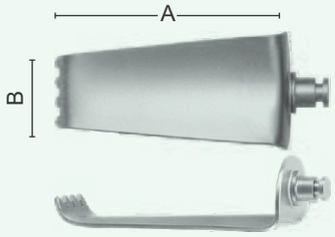
Cloward
Fig. 2

13-874-17	Retractor only 17 cm - 6 ¾”
12-874-00	Complete set consisting of:
13-874-17	1 Retractor
	1 pair of blades 13-877-40 to 13-877-60



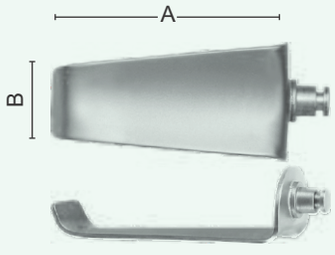
Cloward
Fig. 3

13-875-15	Retractor only 25 cm - 10”
13-875-00	Complete set consisting of:
13-875-15	1 Retractor
	1 pair of blades 13-876-40 to 13-876-60



	A B
13-876-40	40 x 16 mm
13-876-45	45 x 16 mm
13-876-50	50 x 16 mm
13-876-55	55 x 16 mm
13-876-60	60 x 16 mm

Toothed blade



	A B
13-877-40	40 x 16 mm
13-877-45	45 x 16 mm
13-877-50	50 x 16 mm
13-877-55	55 x 16 mm
13-877-60	60 x 16 mm

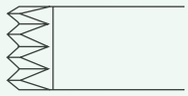
Non toothed blade



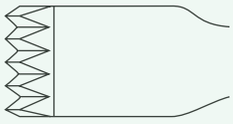
Inge
08-166-16
16.5 cm - 6 ½”



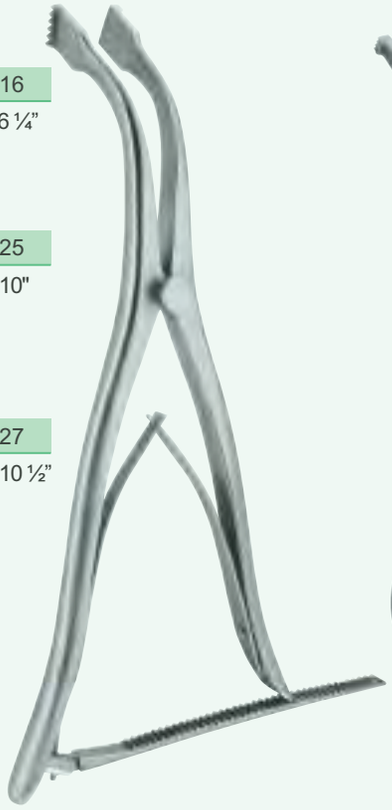
Inge
08-167-16
16 cm - 6 ¼”



08-167-25
25 cm - 10"



08-167-27
27 cm - 10 ½”

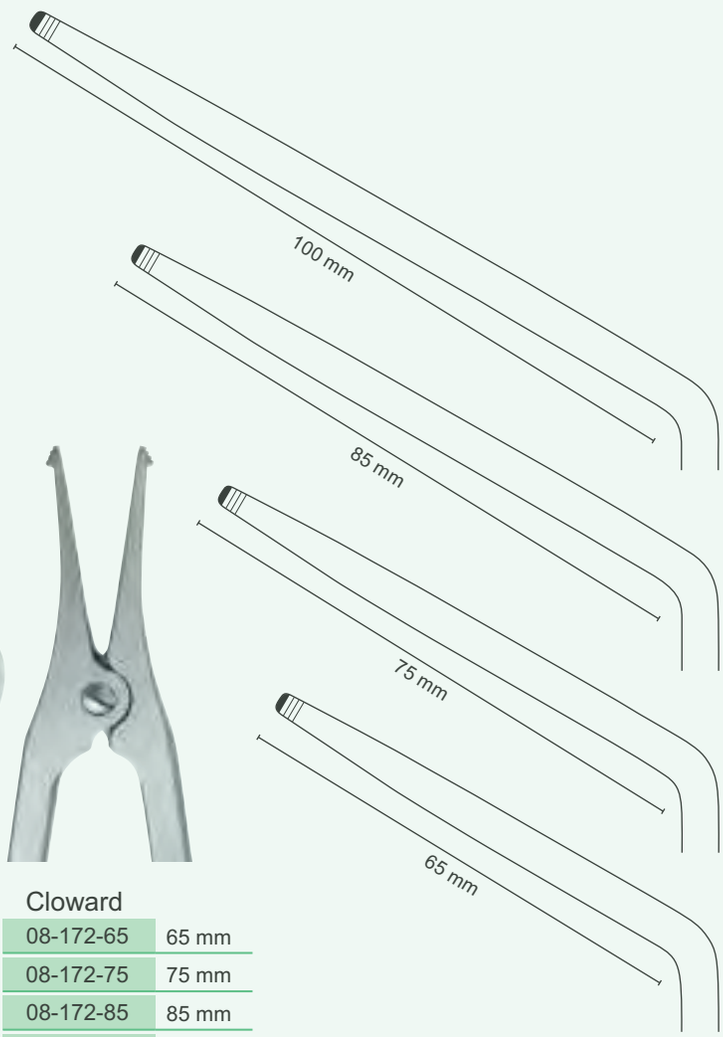




Cloward-Vertrebra
08-168-16
16 cm - 6 ¼”







Inge

08-171-12	12 mm
08-171-08	8 mm

27 cm - 10 ½”

Cloward

08-172-65	65 mm
08-172-75	75 mm
08-172-85	85 mm
08-172-10	100 mm





08-217-07	7 cm - 2 ¾”
1 prongs	Length of blades



08-218-08	8 cm - 3 ¼”
08-219-10	10 cm - 4”
3 prongs	Length of blades



09

Suture
Naht
Sutura
Suture
Sutura

surgimax™
saving lives



Crile-Murray

09-800-13	13 cm - 5¼”
09-800-15	15 cm - 6”



Crile-Wood

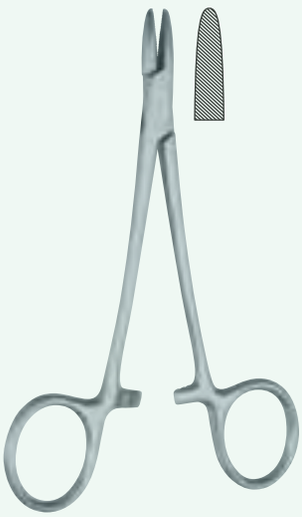
09-801-15	15 cm - 6”
09-801-18	18 cm - 7”



Hegar-Baumgartner

09-802-14

14 cm - 5 ¾”



Brown

09-803-13	13 cm - 5”
09-803-18	18mc - 7”

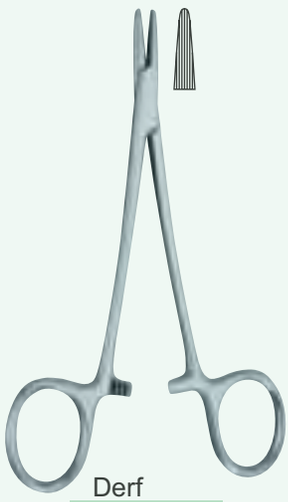
heavy pattern, diagonally serrated jaw
kräftiges Modell, Maul diagonal gerieft
modelo fuerte, boca estriada diagonalmente
modèle fort, mors strié diagonalement
modello forte, morso con strie diagonali



Collier

09-804-12

12.5 cm - 5”



Derf

09-805-12

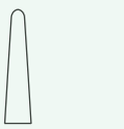
12.5 cm - 5”



09-806-12

12 cm - 4 ¾”





Webster

09-807-13

13 cm - 5”
smooth
glatt
liso
lisse
liscio





Halsey

09-808-13

smooth
glatt
liso
lisse
liscio



09-809-13 13 cm - 5”

serrated
gerieft
estriada
strié
zigrinato



Neivert

09-810-12

12.5 cm - 5”

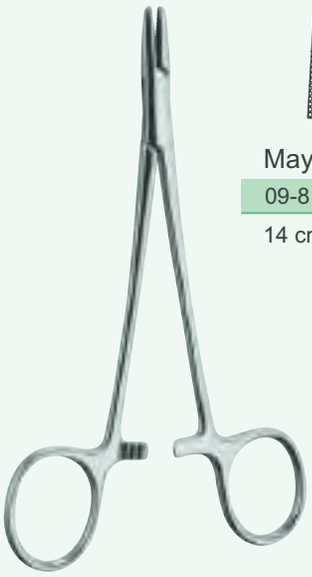


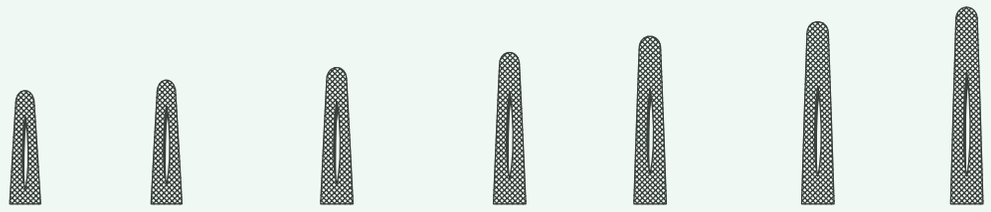
Hegar

09-811-20

20.5 cm - 8”

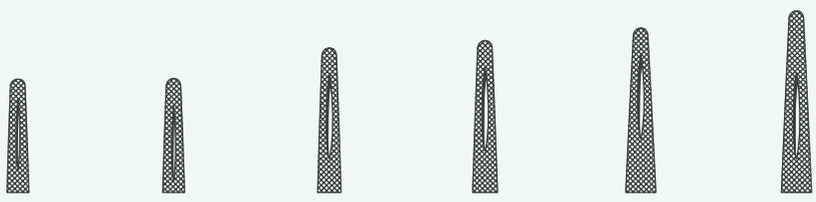
heavy pattern
kräftiges Modell
modelo fuerte
modèle fort
modello forte





Mayo-Hegar

09-812-14	09-813-16	09-814-18	09-815-20	09-816-24	09-817-26	09-818-30
14 cm - 5 ½”	16 cm - 6 ¼”	18 cm - 7”	20 cm - 8”	24 cm - 9 ½”	26 cm 10 ¼”	30 cm - 12”



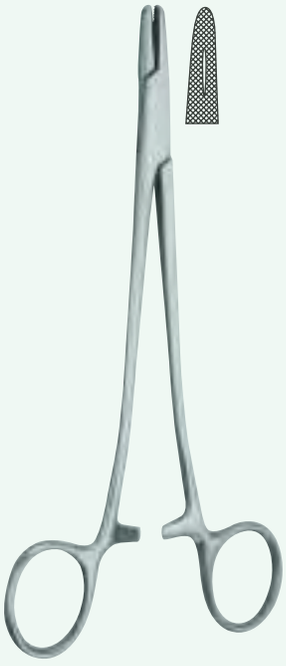
09-819-14	09-820-16	09-821-18	09-822-20	09-823-24	09-824-26
14 cm - 5 ½”	16 cm - 6 ¼”	18 cm - 7”	20 cm - 8”	24 cm - 9 ½ ”	26 cm - 10 ¼ ”

delicate pattern
schlankes Modell
modelo delicado
motif délicat
modello delicato



Heaney

09-825-16	16 cm - 6 ¼”
09-825-18	18 cm - 7”
09-825-20	20 cm - 8”



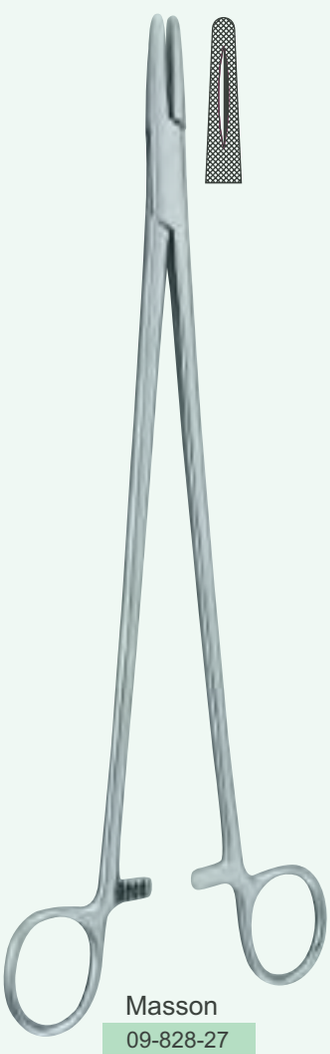
Sarot

09-826-18	18 cm - 7”
09-826-26	26 cm - 10 ¼”



Jameson

09-827-23
23.5 cm - 9 ¼”



Masson

09-828-27

27 cm - 10 ¾”



Finochietto

09-829-27

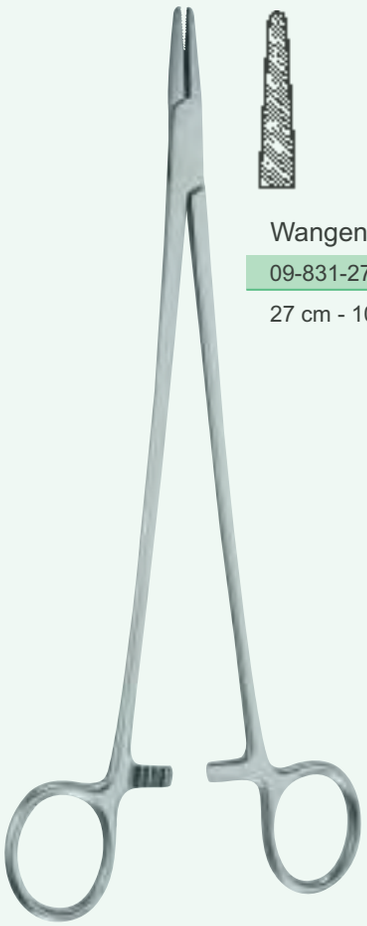
27 cm - 10 ¾”



Stratte

09-830-23

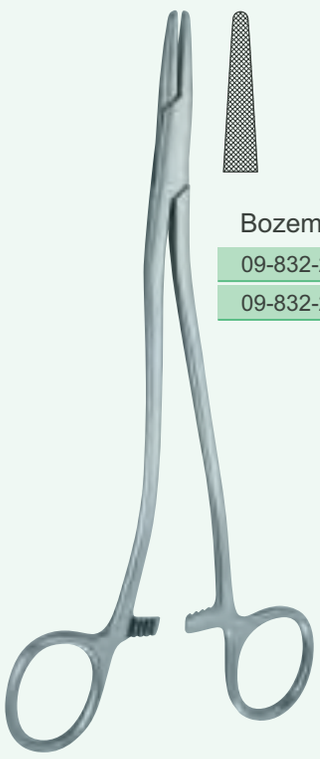
23 cm - 9”



Wangensteen

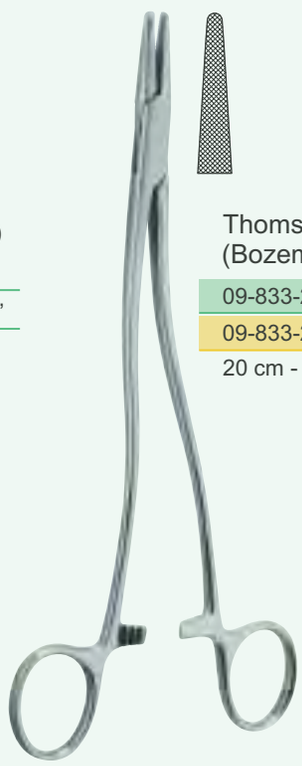
09-831-27

27 cm - 10 ¾”



Bozemann (Wertheim)

09-832-20	20 cm - 8”
09-832-24	24 cm - 9 ½”



Thomson-Walker (Bozemann)

09-833-20

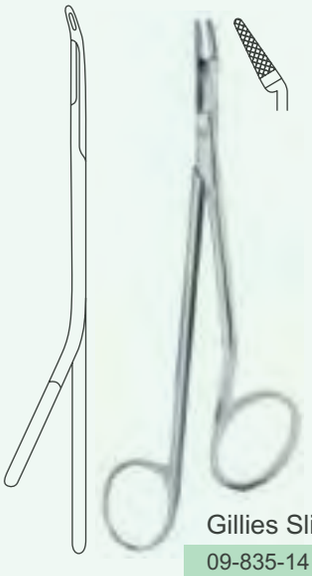
09-833-20T

20 cm - 8”



Olsen-Hegar

09-834-14	14 cm - 5 ½”
09-834-17	17 cm - 6 ¾”
09-834-19	19 cm - 7 ½”



Gillies Slim

09-835-14

14.5 cm - 5 ¾”



Gillies

09-836-16

16 cm - 6 ¼”







Mathieu

standard pattern	heavy pattern	delicate pattern	
09-837-14	09-838-14	09-839-14	14 cm - 5 ½”
09-837-17	09-838-17	09-839-17	17 cm - 6 ¾”
09-837-20	09-838-20	09-839-20	20 cm - 8”
09-837-24	09-838-24	09-839-24	24 cm - 9 ½”
standardmuster	kräftiges Modell	schlankes Modell	
patrón estándar	modelo fuerte	modelo delicado	
modèle standard	modèle fort	motif délicat	
modello standard	modello forte	modello delicato	



Kilner

07-117-13	13.5 cm - 5¼”
07-117-18	18 cm - 7”



Mathieu-Olsen

09-840-14	14 cm - 5 ½”
09-840-17	17 cm - 6 ¾”
09-840-20	20 cm - 8”



Mathieu

09-841-17	17 cm - 6 ¾”
09-841-20	20 cm - 8”



Toennis

09-842-18
18 cm - 7”



Lichtenberg

09-843-17	17 cm - 6 ¾”
09-843-20	20 cm - 8”











Castroviejo-Jacobson

09-844-14	09-845-14	09-846-14	09-847-14 14 cm - 5 ½”
09-844-15	09-845-15	09-846-15	09-847-15 15 cm - 6”
09-844-18	09-845-18	09-846-18	09-847-18 18 cm - 7”
09-844-21	09-845-21	09-846-21	09-847-21 21 cm - 8 ¼”
straight, without ratchet gerade, ohne Sperre recta, sin cremallera droit, sans crémaillère retto, senza cremagliera	straight, with ratchet gerade, mit Sperre recta, con cremallera droit, avec crémaillère retto, con cremagliera	curved, without ratchet gebogen, ohne Sperre curva, sin cremallera courbe, sans crémaillère curvo, senza cremagliera	curved, with ratchet gebogen, mit Sperre curva, con cremallera courbe, avec crémaillère curvo, con cremagliera

smooth jaws
glattes Maul
boca lisa
mors lisse
morso liscio





straight

09-254-15	09-255-15
with ratchet 1 mm	without ratchet 1 mm



curved

09-256-15	09-257-15	15 cm - 6"
with ratchet 1 mm	without ratchet 1 mm	



Boynton

09-848-12

12 cm - 4 ¾”



Kalt

09-849-14

14 cm - 5 ½”







Arruga

09-850-16	09-851-16
16 cm - 6 ¼”	16 cm - 6 ¼”
straight gerade recta droit retto	curved gebogen curva courbe curvo



Hegar-Baumgartner

09-852-14T

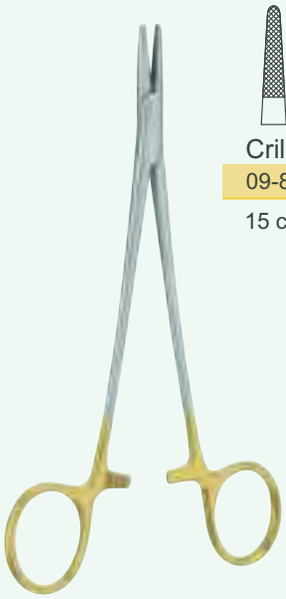
14 cm - 5 ½”

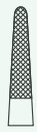


Baby-Crile-Wood

09-853-15T

15 cm - 6”





Crile-Wood

09-854-15T

15 cm - 6”



09-855-18T

18 cm - 7”



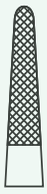
09-856-20T

20 cm - 8”



09-857-23T

23cm - 9”



09-858-26T

26 cm 10 ¼”



Derf (Wright)

09-859-12T

12 cm - 4 ¾”



Webster

09-860-13T

13 cm - 5”

smooth
glatt
lisa
lisse
liscio





Halsey

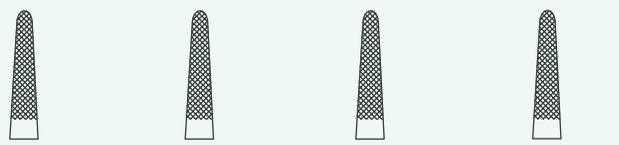
09-861-13T

smooth
glatt
liso
lisse
liscio



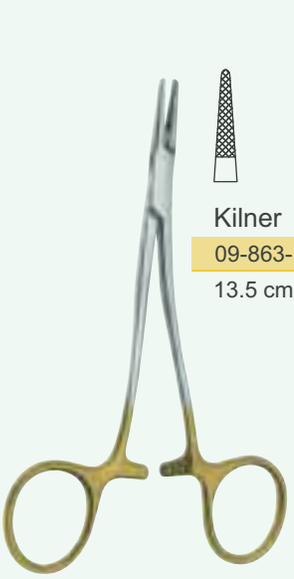
09-862-13T 13 cm - 5”

serrated
gerieft
estriada
strié
zigrinato



Mayo-Hegar

09- 864-13T	09- 864-14T	09- 864-15T	09-865-16T
13 cm - 5 ¼”	14 cm - 5 ½”	15 cm - 6”	16 cm - 6 ¼”

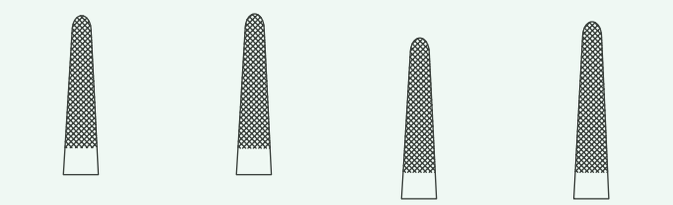


Kilner

09-863-13T

13.5 cm - 5 ¼”





09-866-18T	09-867-20T	09-868-24T	09-869-26T
18 cm - 7”	20 cm - 8”	24 cm - 9 ½”	26 cm - 10 ¼”



09-870-30T

30 cm - 12”

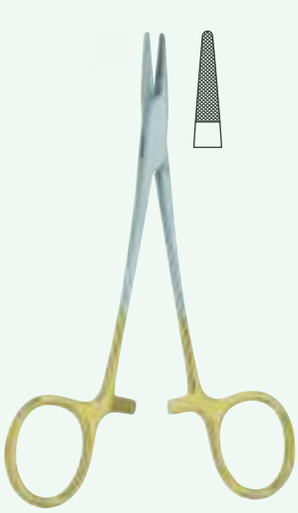


Neivert (Masing)

09-871-13T

13 cm - 5 "

one ring angled
ein Ring abgewinkelt
un anillo acodado
une bague coudée
un anello angolato



Converse

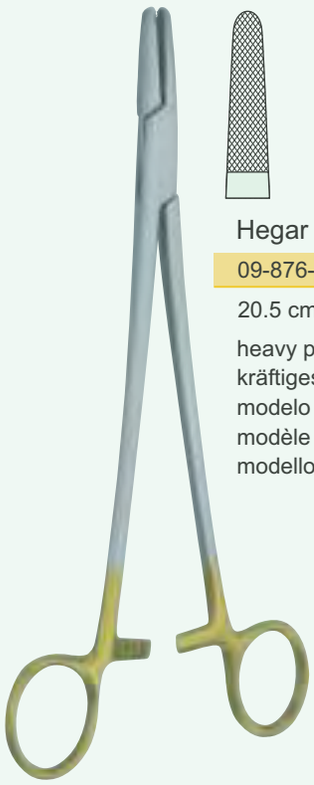
09-872-13T

13 cm - 5 "



Mathieu-Olsen

09-873-14T	14 cm - 5 ½”
09-874-17T	17 cm - 6 ¾”
09-875-20T	20 cm -8”

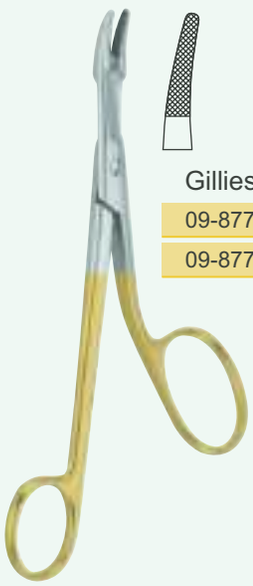


Hegar

09-876-20T

20.5 cm - 8 "

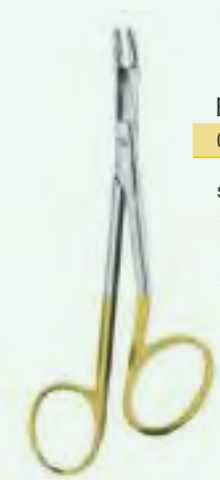
heavy pattern
kräftiges Modell
modelo fuerte
modèle fort
modello forte



Gillies

09-877-14T 14.5 cm - 5 ¾”

09-877-16T 16 cm - 6 ¼”



Foster-Gillies



09-878-12T

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



09-879-12T

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



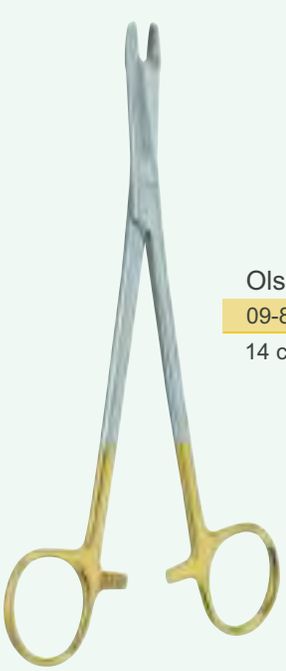
09-880-12T

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



09-881-12T 12 cm - 4 ¾”

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





Olsen-Hegar

09-882-05T

14 cm - 5 ½”



09-883-17T

17 cm - 6 ¾”



09-884-19T

19 cm - 7 ½”



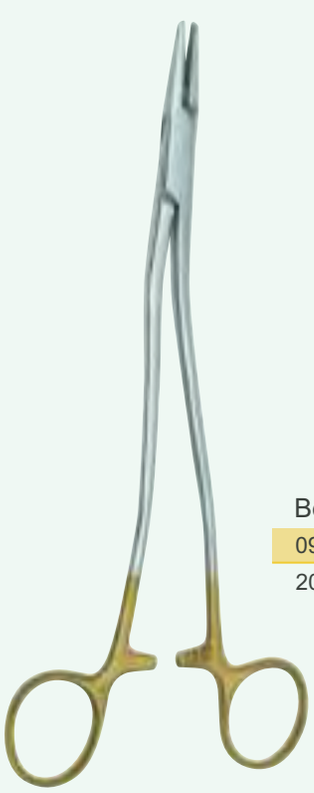
Stratte

09-885-23T	23 cm - 9 "



Heaney

09-886-16T	16 cm - 6 ¼”
09-886-18T	18 cm - 7 "
09-886-20T	20 cm - 8 "











Bozemann (Wertheim)

09-887-20T	09-888-24T	09-889-26T	09-890-30T
20 cm - 8 "	24 cm - 9 ½”	26 cm - 10 ¼”	30 cm - 12 "



Masson

09-891-27T



Finochietto

09-892-27T

27 cm - 10 ¾”



Wangensteen

09-893-27T

27 cm - 10 ¾”





Mathieu

09-894-14T

14 cm - 5 ½”



09-895-17T

17 cm - 6 ¾”



09-896-20T

20 cm - 8 "



09-897-24T

24 cm - 9 ½”



09-898-17T

17 cm - 6 ¾”

heavy pattern
kräftiges Modell
modelo fuerte
modèle fort
modello forte



09-899-20T

20 cm - 8 "



09-900-14T

14 cm - 5 ½”

delicate pattern
schlankes Modell
modelo delicado
motif délicat
modello delicato



09-901-17T

17 cm - 6 ¾”



09-902-20T

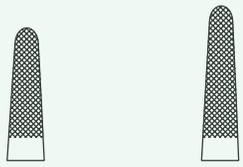
20 cm - 8 "



09-903-24T

24 cm - 9 ½”





Mathieu

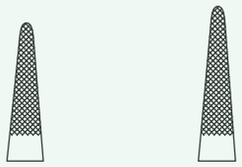
09-904-17T

17 cm - 6 ¾”

09-905-20T

20 cm - 8 "





Lichtenberg

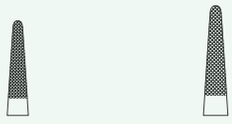
09-906-17T

17 cm - 6 ¾”

09-907-20T

20 cm - 8"





Hösel

09-908-20T

20 cm - 8"

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

09-909-25T

25 cm - 9 ¾”



Hösel - Modified

09-910-20T

20.5 cm - 8"

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





Zweifel

09-911-20T
20 cm - 8"



09-912-23T
23 cm - 9"





Arruga

09-913-16T
16 cm - 6 ¼”



09-914-16T
16 cm - 6 ¼”



Langenbeck

09-915-18T	18 cm - 7 "
09-915-20T	20 cm - 8 "
09-915-23T	23 cm - 9 "



Toennis

09-916-18T
18 cm - 7 "





Sarot

09-917-18T

18 cm - 7 "



09-918-20T

20 cm - 8 "



09-919-26T

26 c m - 10 ¼”





De Bakey

09-920-18T

18 cm - 7 "



09-921-20T

20 cm - 8 "



09-922-23T

23 cm - 9 "



09-923-26T

26 cm - 10 ¼”





Wire -Twist

09-924-15T

09-924-18T

09-924-20T



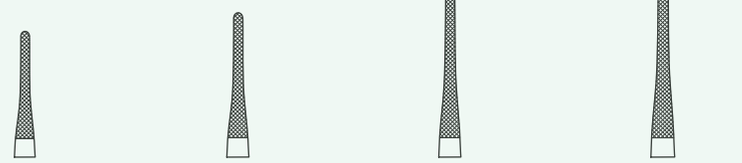
09-925-15T 15 cm - 6 "

09-925-18T 18 cm - 7 "

09-925-20T 20 cm - 8 "

Wire forceps
Drahtzange
Pinza para hilos
pince à fil
pinza a filo





Vascular

09-926-14T	09-927-18T	09-928-20T	09-929-23T
14 cm - 5 ½”	18 cm - 7 "	20 cm - 8"	23 cm - 9"





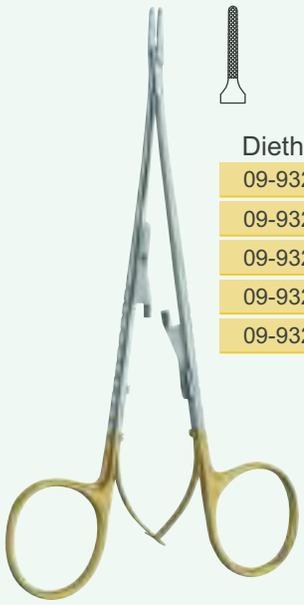
Ryder

09-930-13T	
09-930-15T	
09-930-18T	
09-930-20T	
09-930-23T	
09-930-26T	



Mini-Ryder

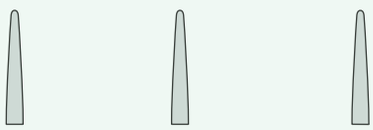
09-931-13T	13 cm - 5 "
09-931-15T	15 cm - 6 "
09-931-18T	18 cm - 7 "
09-931-20T	20 cm - 8 "
09-931-23T	23 cm - 9 "
09-931-26T	26 cm - 10 ¼ "



Diethrich

09-932-16T	16 cm - 6 ¼"
09-932-18T	18 cm - 7 "
09-932-20T	20 cm - 8 "
09-932-23T	23 cm - 9 "
09-932-25T	25 cm - 9 ¾"

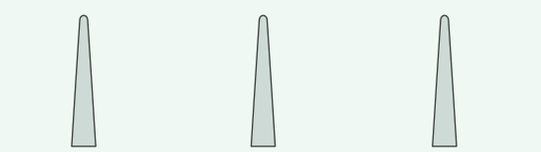




De Bakey Slim

09-933-13	09-934-15	09-935-17
13 cm - 5”	15 cm - 5 ¾”	17 cm - 6 ¾”

with special coated jaw
mit Spezialbeschichtung im Maul
boca con capa especial
mors avec couche special
morso con spalmatura speciale



09-936-18	09-937-20	09-938-23
18 cm - 7”	20 mm - 8”	23 cm - 9”

with special coated jaw
mit Spezialbeschichtung im Maul
boca con capa especial
mors avec couche special
morso con spalmatura speciale



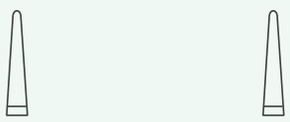


Ryder

09-939-13	13 cm - 5”
09-939-15	15 cm - 6”
09-939-18	18 cm - 7”
09-939-20	20 cm - 8”
09-939-23	23 cm - 9”

with special coated jaw
mit Spezialbeschichtung im Maul
boca con capa especial
mors avec couche special
morso con spalmatura speciale



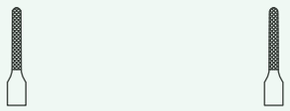


Castroviejo-Jacobson

straight, without ratchet gerade, ohne Sperre recta, sin cremallera droit, sans crémaillère retto, senza cremagliera	straight, with ratchet gerade, mit Sperre recta, con cremallera droit, avec crémaillère retto, con cremagliera	curved, without ratchet gebogen, ohne Sperre curva, sin cremallera courbe, sans crémaillère curvo, senza cremagliera	curved, with ratchet gebogen, mit Sperre curva, con cremallera courbe, avec crémaillère curvo, con cremaliera
09-940-14T	09-941-14T	09-942-14T	09-943-14T 14 cm - 5 ½”
09-940-15T	09-941-15T	09-942-15T	09-943-15T 15 cm - 6 "
09-940-18T	09-941-18T	09-942-18T	09-943-18T 18 cm - 7 "
09-940-21T	09-941-21T	09-942-21T	09-943-21T 21 cm - 8 ¼"

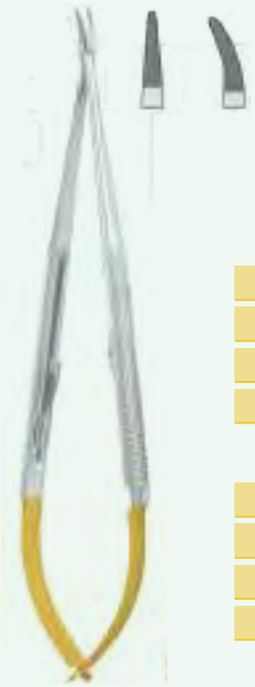
smooth jaws
glattes Maul
boca lisa
mors lisse
morso liscio





Vascular

straight, without ratchet gerade, ohne Sperre recta, sin cremallera droit, sans crémaillère retto, senza cremagliera	straight, with ratchet gerade, mit Sperre recta, con cremallera droit, avec crémaillère retto, con cremagliera	curved, without ratchet gebogen, ohne Sperre curva, sin cremallera courbe, sans crémaillère curvo, senza cremagliera	curved, with ratchet gebogen, mit Sperre curva, con cremallera courbe, avec crémaillère curvo, con cremaliera
09-944-18T	09-945-18T	09-946-18T	09-947-18T 18 cm - 7 "



Castroviejo - Barraquer

07-333-14	14.5 cm - 5 ¾”
07-333-18	18/ cm - 7 "
07-333-21	21 cm - 8 ¼ "
07-333-23	23 cm - 9"

Round handle, straight

07-334-14	14.5 cm - 5 ¾”
07-334-18	18/ cm - 7 "
07-334-21	21 cm - 8 ¼ "
07-334-23	23 cm - 9"

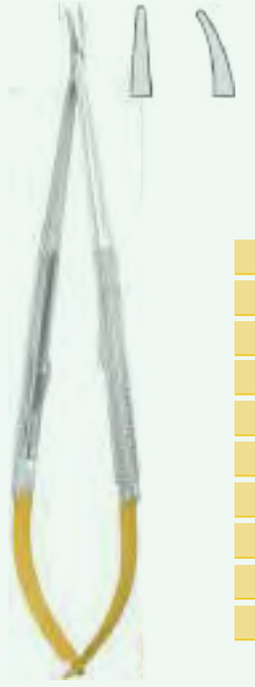
Round handle, curved

07-335-14	14.5 cm - 5 ¾”
07-335-18	18/ cm - 7 "
07-335-21	21 cm - 8 ¼ "
07-335-23	23 cm - 9"

Round handle with lock, straight

07-336-14	14.5 cm - 5 ¾”
07-336-18	18/ cm - 7 "
07-336-21	21 cm - 8 ¼ "
07-336-23	23 cm - 9"

Round handle with lock, curved



Jacobson

07-337-15	15 cm - 6”
07-337-18	18/ cm - 7"
07-338-18	18/ cm - 7" Fine pattern
07-339-21	21 cm - 8 ¼ "
07-339-23	23 cm - 9"
07-340-23	23 cm - 9" Fine pattern
07-341-15	15 cm - 6”
07-341-18	18/ cm - 7 "
07-341-21	21 cm - 8 ¼ "
07-341-23	23 cm - 9"

Round handle, straight
Diamond coated

Jacobson

07-342-15	15 cm - 6”
07-342-18	18/ cm - 7"
07-343-18	18/ cm - 7" Fine pattern
07-344-21	21 cm - 8 ¼ "
07-344-23	23 cm - 9"
07-345-23	23 cm - 9" Fine pattern
07-346-15	15 cm - 6”
07-346-18	18/ cm - 7 "
07-346-21	21 cm - 8 ¼ "
07-346-23	23 cm - 9"

Round handle, straight
Diamond coated



Castroviejo

07-360-14	14 cm - 5 ½”	07-362-14	14 cm - 5 ½”
07-360-18	18/ cm - 7 "	07-362-18	18/ cm - 7 "
07-360-21	21 cm - 8 ¼ "	07-362-21	21 cm - 8 ¼ "
Flat handle with lock, straight		Flat handle, straight	
07-361-14	15 cm - 5 ½”	07-363-14	15 cm - 5 ½”
07-361-18	18/ cm - 7 "	07-363-18	18/ cm - 7 "
07-361-21	21 cm - 8 ¼ "	07-363-21	21 cm - 8 ¼ "
Flat handle with lock, curved		Flat handle, curved	







Castroviejo

09-948-13T		09-949-13T 13 cm - 5 "
straight, serrated jaws gerade, gerieftes Maul recta, boca estriada droit, mors strié retto, morso zigrinato		curved, serrated jaws gebogen, gerieftes Maul curva, boca estriada courbe, mors strié curvo, morso zigrinato



Castroviejo

09-950-13T

130 mm – 5 "
smooth jaws
glattes Maul
boca lisa
mors strié
morso liscio





Barraquer

09-951-13T

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



09-952-13T 130 mm – 5 "

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



Boynton

09-953-12T

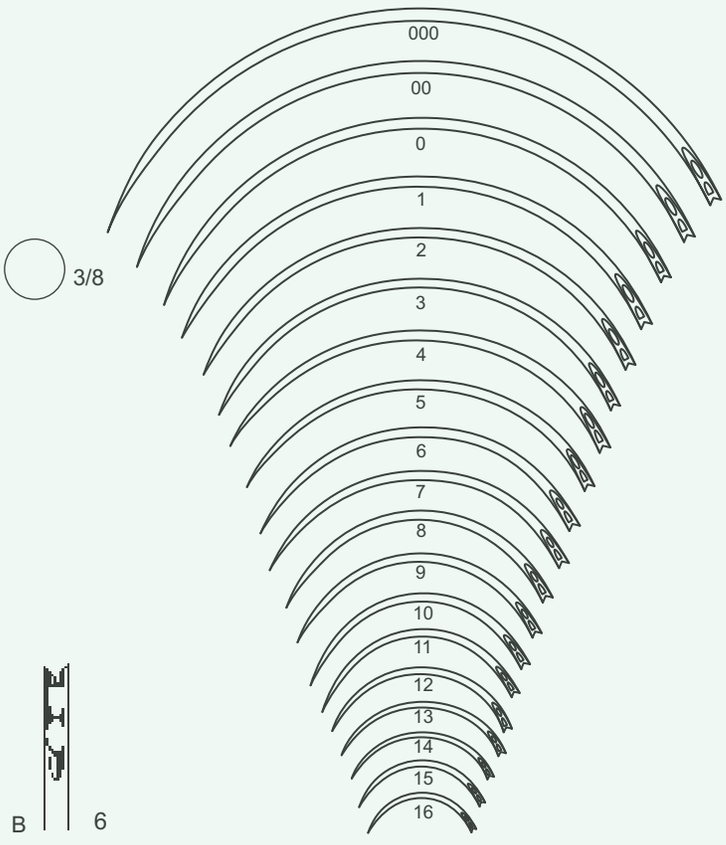
12 cm - 4 ¾”



Kalt

09-954-14T

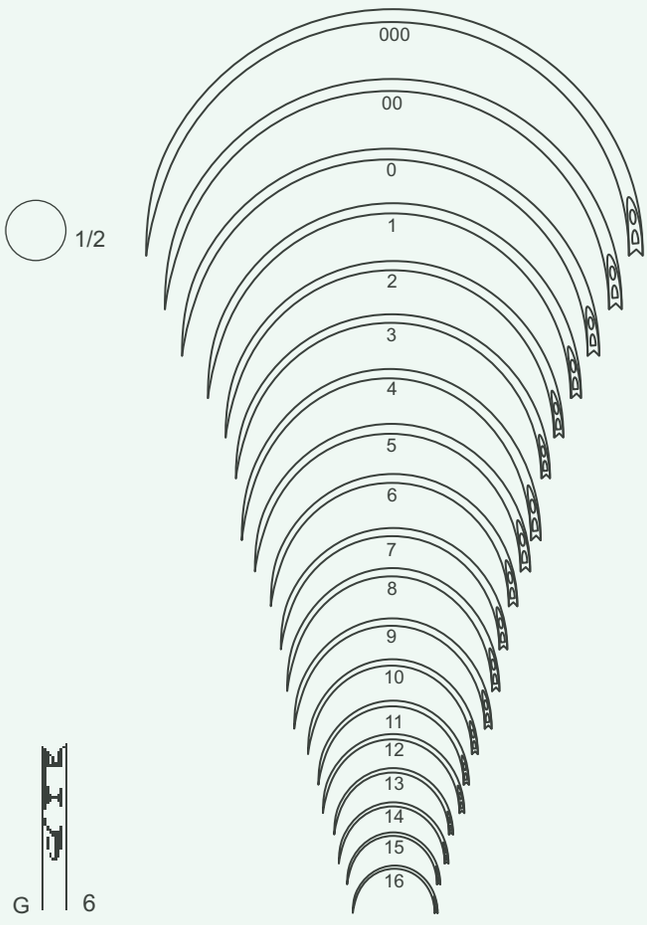
14 cm - 5 ½”



09-955-000	09-956-00	09-957-0	09-958-1	09-959-2
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
09-960-3	09-961-4	09-962-5	09-963-6	09-964-7
Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
09-965-8	09-966-9	09-967-10	09-968-11	09-969-12
Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
09-970-13	09-971-14	09-972-15	09-973-16	
Fig. 13	Fig. 14	Fig. 15	Fig. 16	



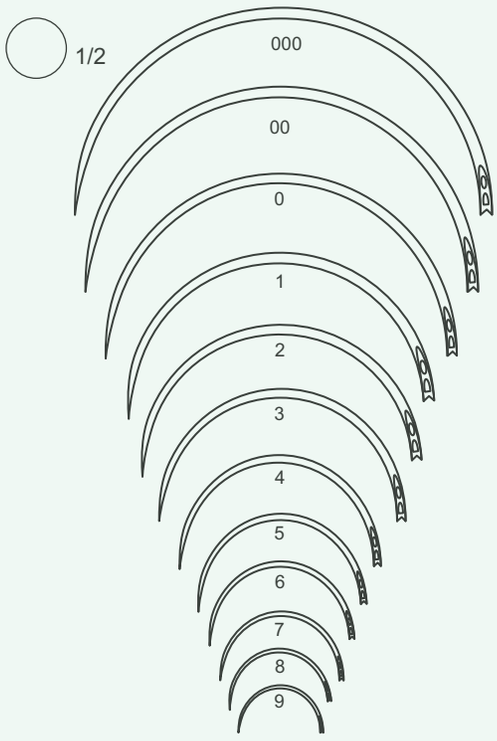
Pack of 12 Pieces



09-974-000	09-975-00	09-976-0	09-977-01	09-978-02
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
09-979-03	09-980-04	09-981-05	09-982-06	09-983-07
Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
09-984-08	09-985-09	09-986-10	09-987-11	09-988-12
Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
09-989-13	09-990-14	09-991-15	09-992-16	
Fig. 13	Fig. 14	Fig. 15	Fig. 16	



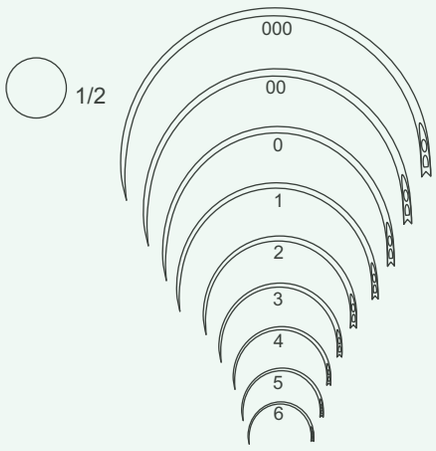
Pack of 12 Pieces





Ga 6

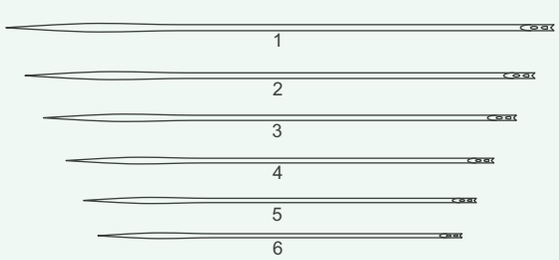
09-993-000	09-994-00	09-995-0
Fig. 000	Fig. 00	Fig. 0
09-996-01	09-997-02	09-998-03
Fig. 1	Fig. 2	Fig. 3
09-999-04	09-100-05	09-101-06
Fig. 4	Fig. 5	Fig. 6
09-102-07	09-103-08	09-104-09
Fig. 7	Fig. 8	Fig. 9





E >

09-105-000	09-106-00	09-107-0
Fig. 000	Fig. 00	Fig. 0
09-108-01	09-109-02	09-110-03
Fig. 1	Fig. 2	Fig. 3
09-111-04	09-112-05	09-113-06
Fig. 4	Fig. 5	Fig. 6



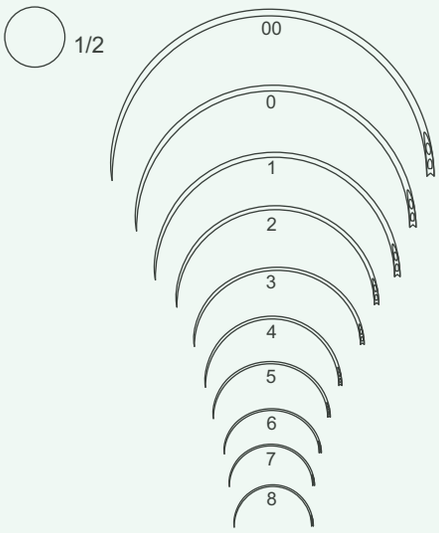


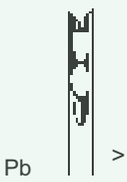
Keith 6

09-114-01	09-115-02	01-116-03
Fig. 1	Fig. 2	Fig. 3
09-117-04	09-118-05	09-119-06
Fig. 4	Fig. 5	Fig. 6

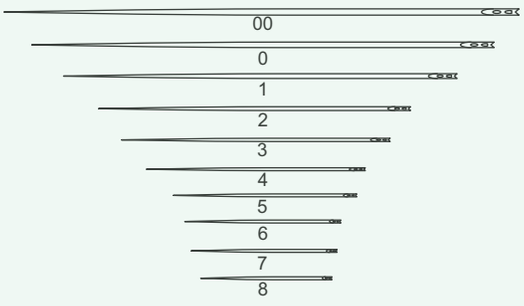
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09-120-01	09-121-02	09-122-03
Fig. 1	Fig. 2	Fig. 3
09-123-04	09-124-05	09-125-06
Fig. 4	Fig. 5	Fig. 6



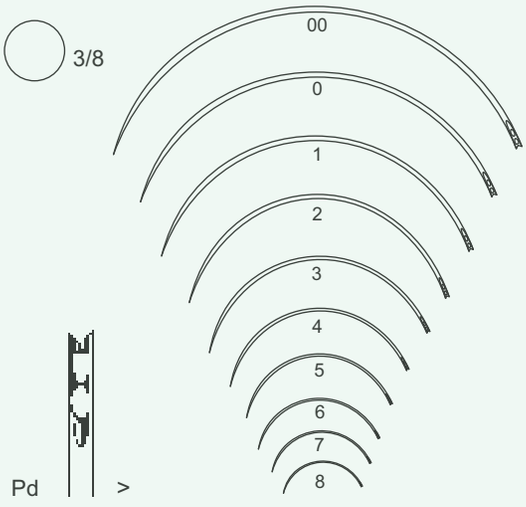


09-126-00	09-127-0	09-128-01
Fig. 00	Fig. 0	Fig. 1
09-129-02	09-130-03	
Fig. 2	Fig. 3	
09-131-04	09-132-05	09-133-06
Fig. 4	Fig. 5	Fig. 6
09-134-07	09-135-08	
Fig. 7	Fig. 8	

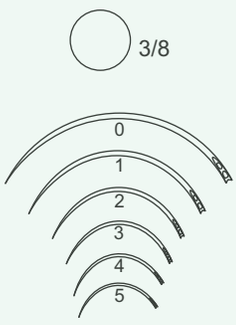




09-136-00	09-137-0	09-138-01
Fig. 00	Fig. 0	Fig. 1
09-139-02	09-140-03	
Fig. 2	Fig. 3	
09-141-04	09-142-05	09-143-06
Fig. 4	Fig. 5	Fig. 6
09-144-07	09-145-08	
Fig. 7	Fig. 8	



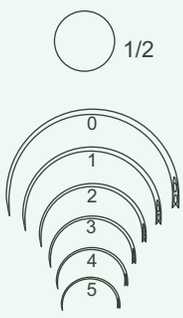
09-146-00	09-147-0	09-148-01
Fig. 00	Fig. 0	Fig. 1
09-149-02	09-150-03	
Fig. 2	Fig. 3	
09-151-04	09-152-05	09-153-06
Fig. 4	Fig. 5	Fig. 6
09-154-07	09-155-08	
Fig. 7	Fig. 8	





Ob 6

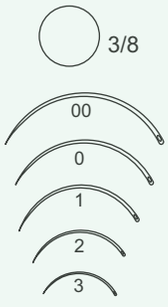
09-156-0	09-157-01	09-158-02
Fig. 0	Fig. 1	Fig. 2
09-159-03	09-160-04	09-161-05
Fig. 3	Fig. 4	Fig. 5





Og 6

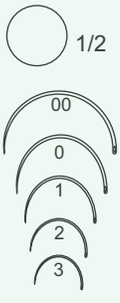
09-162-0	09-163-01	09-164-02
Fig. 0	Fig. 1	Fig. 2
09-156-03	09-157-04	09-158-05
Fig. 3	Fig. 4	Fig. 5





Kalt >

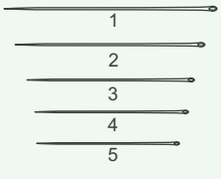
09-159-00	09-160-0	09-161-01
Fig. 00	Fig. 0	Fig.1
09-162-02	09-163-03	
Fig. 2	Fig.3	





Payr >

09-164-00	09-165-0	09-166-01
Fig. 00	Fig. 0	Fig.1
09-167-02	09-168-03	
Fig. 2	Fig. 3	





Payr >

09-169-00	09-170-0	09-171-01
Fig. 00	Fig. 0	Fig. 1
09-172-02	09-173-03	
Fig. 2	Fig. 3	











Reverdin

09-174-15	09-175-15	09-176-15	09-177-15	15 cm - 6”
09-174-19	09-175-19	09-176-19	09-177-19	19.5 cm - 7 ¾”
09-174-22	09-175-22	09-176-22	09-177-22	22.5 cm - 8 ¾”
Fig. 1	Fig. 2	Fig. 3	Fig. 4	



Young

09-178-25

25 cm - 9 ¾”

Complete with one needle
Komplett mit einem Nadelaufsatz
Completo con una aguja
Complet avec une aiguille
Completo con un ago

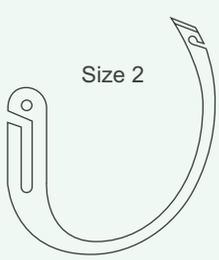
Size 1



09-179-25

Spareneedle
Ersatznadel
Aguja de cambio
Aiguille de rechange
Ago di ricambio

Size 2



09-180-25

Size 3



09-181-25



Gibson

09-182-20

20 cm - 8”

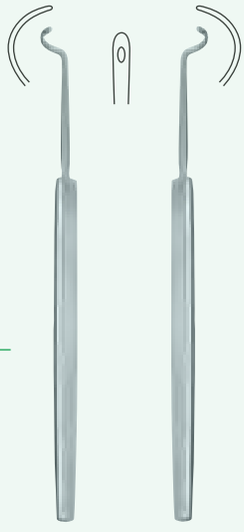
flexible
biegsam
maleable
malléable
flessibile



Cooper

09-183-19

19 cm - 7 ½”



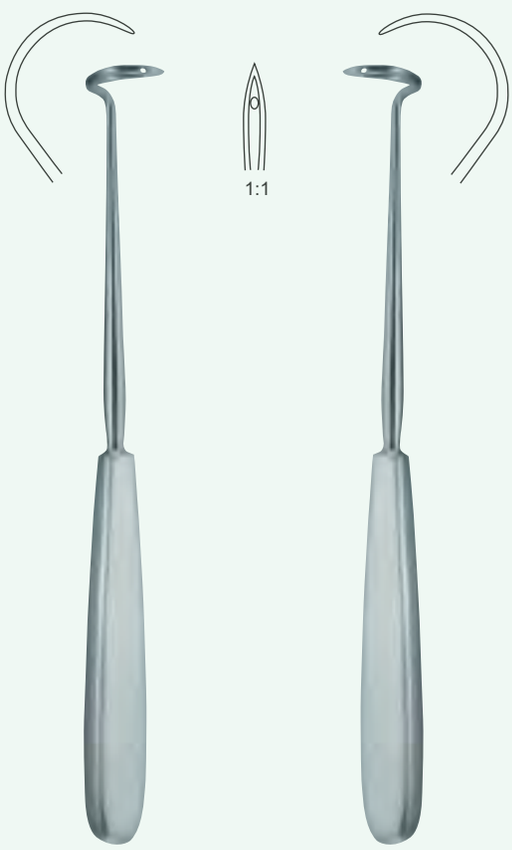
Kronecker

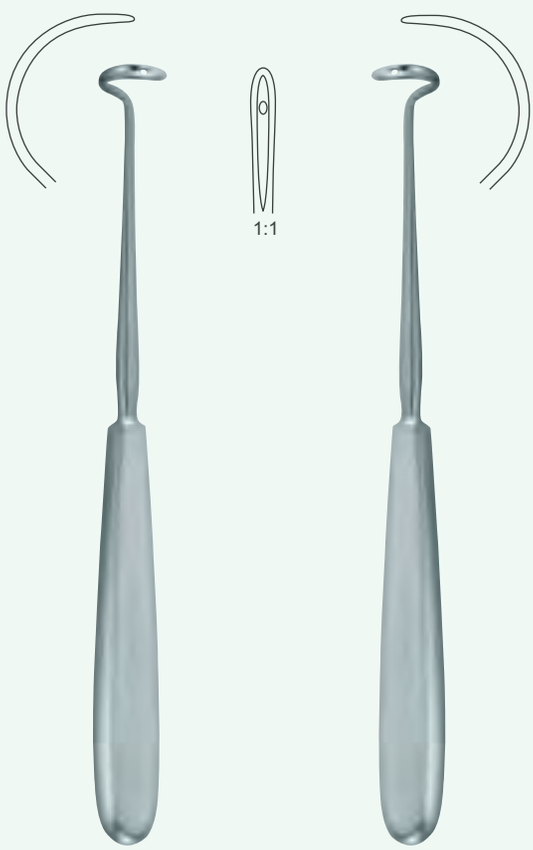
09-184-13

for right hand
für die rechte Hand
para la mano derecha
pour la main droite
per la mano destra

09-185-13 13 cm - 5”

for left hand
für die linke Hand
para la mano izquierda
pour la main gauche
per la mano sinistra





Deschamps

09-186-20	09-187-20	09-188-20	09-189-20 20 cm - 8”
09-186-21	09-187-21	09-188-21	09-189-21 21 cm - 8 ¼”
09-186-27	09-187-27	09-188-27	09-189-27 27 cm - 10 ¾”
sharp scharf aguda pointue acuta	sharp scharf aguda pointue acuta	blunt stumpf roma mousse smussa	blunt stumpf roma mousse smussa
for right hand für die rechte Hand para la mano derecha pour la main droite per la mano destra	for left hand für die linke Hand para la mano izquierda pour la main gauche per la mano sinistra	for right hand für die rechte Hand para la mano derecha pour la main droite per la mano destra	for left hand für die linke Hand para la mano izquierda pour la main gauche per la mano sinistra





Rotter

09-190-26

for right hand
für die rechte Hand
para la mano derecha
pour la main droite
per la mano destra



09-191-26

for left hand
für die linke Hand
para la mano izquierda
pour la main gauche
per la mano sinistra



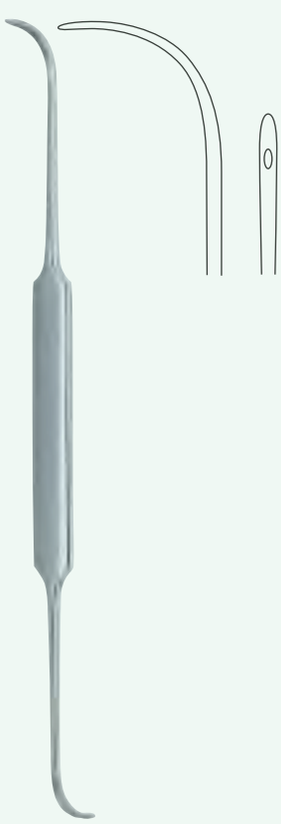
09-192-26

for right hand
für die rechte Hand
para la mano derecha
pour la main droite
per la mano destra



09-193-26 26 cm - 10 ¼”

for left hand
für die linke Hand
para la mano izquierda
pour la main gauche
per la mano sinistra



Schmieden

09-194-21

21 cm - 8 ¼”



Claus-
Eicken

09-195-23

23 cm - 9”



Claus

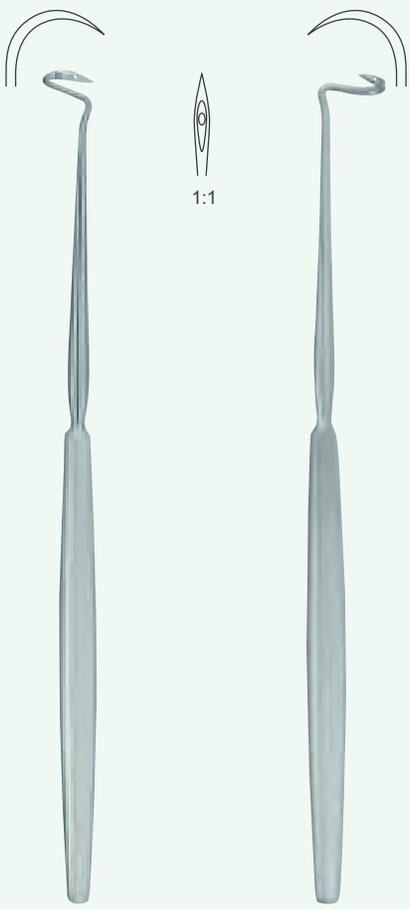
09-196-23

23 cm - 9”



Hurd

09-197-21		for right hand für die rechte Hand para la mano derecha pour la main droite per la mano destra
09-198-21	21 cm - 8 ¼”	for left hand für die linke Hand para la mano izquierda pour la main gauche per la mano sinistra



Dupuy-Weiss

09-199-22		for right hand für die rechte Hand para la mano derecha pour la main droite per la mano destra
09-200-22	22 cm - 8 ¾”	for left hand für die linke Hand para la mano izquierda pour la main gauche per la mano sinistra





Yankauer

09-201-17

Septumsuture needles
Septumnadeln
Agujas de sutura de septum
Aiguilles de sutures du septum
Aghi di sutura per setto



09-202-17



09-203-17



09-204-17



09-205-17 17 cm - 6 ¾”



09-206-17



09-207-17



09-208-17



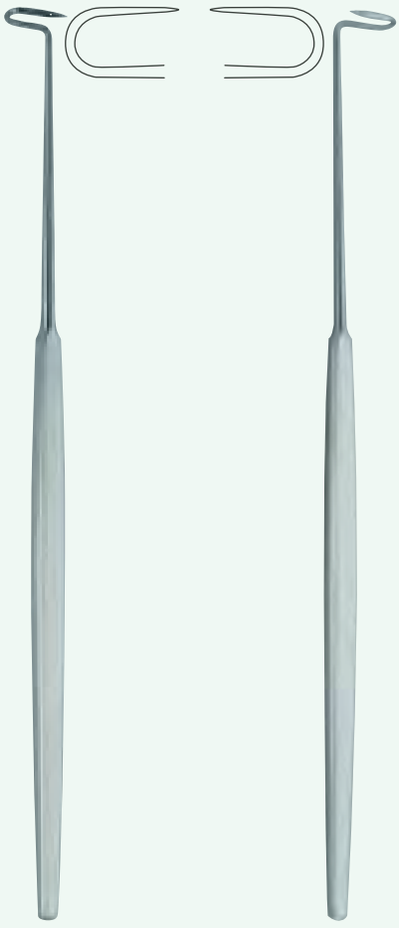
09-209-17 17 cm - 6 ¾”



Nager

09-210-24

24 cm - 9 ½”



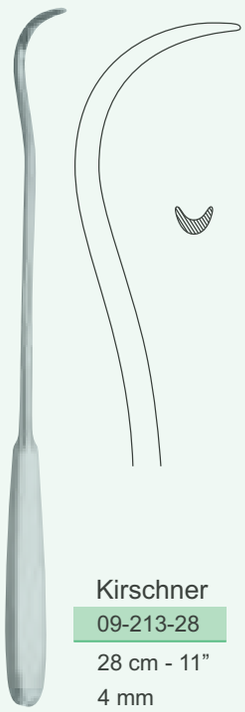
Falk

09-211-24

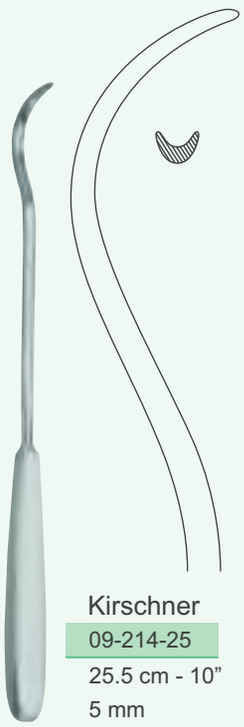
for right hand
für die rechte Hand
para la mano derecha
pour la main droite
per la mano destra

09-212-24 24 cm - 9 ½”

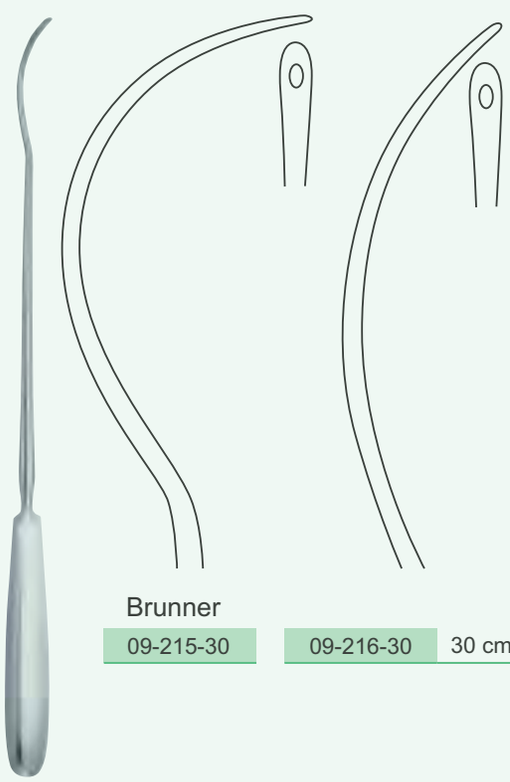
for left hand
für die linke Hand
para la mano izquierda
pour la main gauche
per la mano sinistra



Kirschner
09-213-28
28 cm - 11”
4 mm

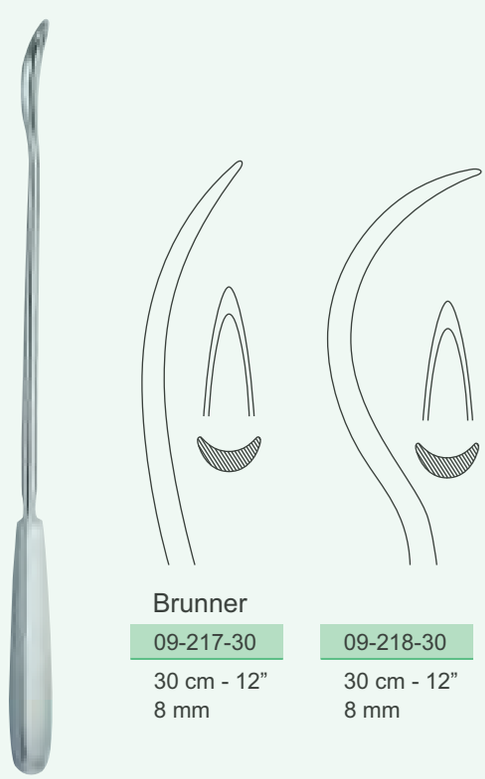


Kirschner
09-214-25
25.5 cm - 10”
5 mm



Brunner
09-215-30

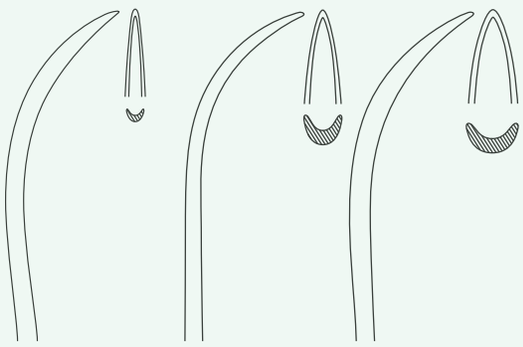
09-216-30 30 cm - 12”



Brunner
09-217-30
30 cm - 12”
8 mm

09-218-30
30 cm - 12”
8 mm





König

09-219-19	09-220-19	09-221-20
19 cm - 7 ½”	19 cm - 7 ½”	20 cm - 8”
2.5 mm	5 mm	7 mm





Brunner

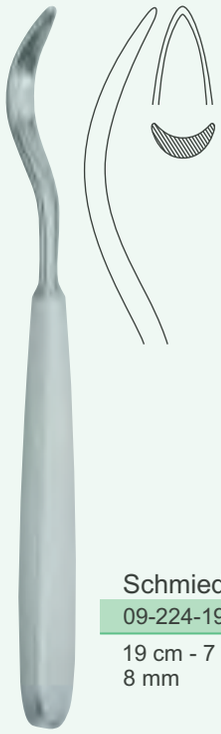
09-222-18	18 cm - 7”
09-222-27	27 cm - 10 ¾”

Ferrozell

Kirschner

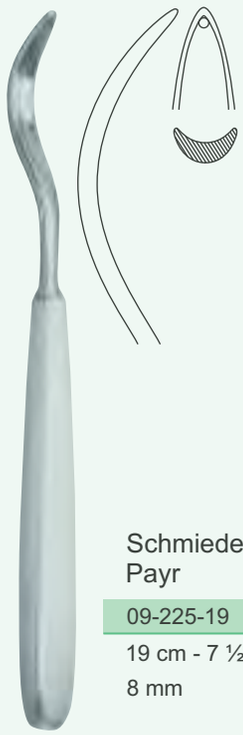
09-223-27	27 cm - 10 ¾”

Ferrozell



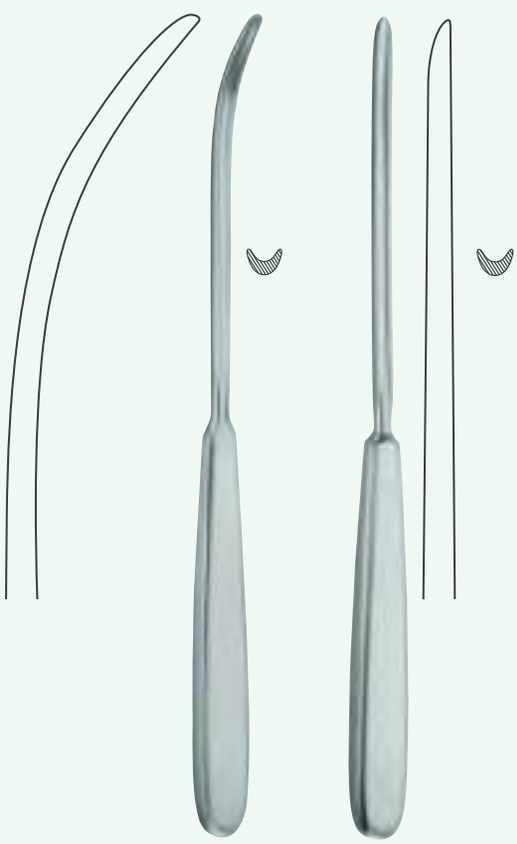
Schmieden

09-224-19
19 cm - 7 ½”
8 mm



Schmieden-Payr

09-225-19
19 cm - 7 ½”
8 mm



Payr

09-226-22	09-227-22
22 cm - 8 ¾”	22 cm - 8 ¾”
5 mm	5 mm



Mod. Wien

09-228-23

23.5 cm - 9 ¼”

Ligaturecatcher
Fadenfänger
Captador de hilos
Porte-ligature
Portalegature



Bozemann

09-229-21

21 cm - 8 ¼”

Knot tier
Schlingendreher
Tuerce-lazos
niveau de noeud
livello del nodo

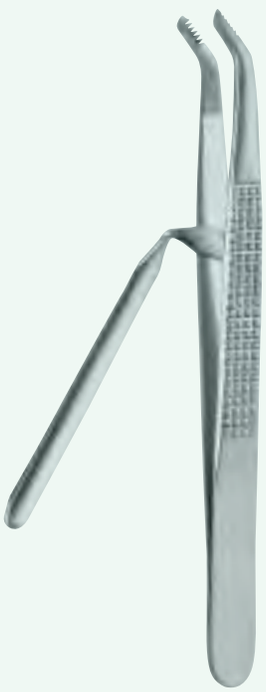


Adjuster

09-230-23

23 cm - 9”

Ligature adjuster
Fadengabel
Horquilla de hilos
régleur de lagature
Forchetta da sutura



Childe

09-231-18

18 cm - 7”

heavy pattern, with clip holder
kräftig, mit Klammerschiene
modelo fuerte, con barra para agrafes
modèlo fort, avec porte-agrafes
modello forte, con portaagrafes



Michel

09-232-12

12 cm - 4 ¾”



Wachenfeldt

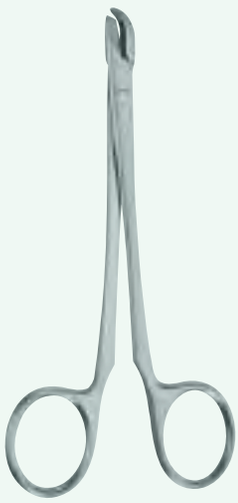
09-233-12 09-234-12 12.5 cm - 5”



Hegenbarth

09-235-12

12.5 cm - 5”



Collin

09-236-13

13 cm - 5”



Richter-Heath

09-237-14

14 cm - 5 ½”



Michel
09-238-12
12 cm - 4 ¾





Michel
09-239-12
7,5 mm x 1,75 mm



09-240-12
11 mm x 2 mm



09-241-12
12 mm x 3 mm



09-242-12
14 mm x 3 mm



09-243-12
16 mm x 3 mm



09-244-12
18 mm x 3 mm



09-245-12
20 mm x 3 mm



09-246-12
22 mm x 3 mm



Pack of 100 Piece





Koos

09-417-18

18.5 cm - 7 ¼"
upwards
curved



09-418-18

18.5 cm - 7 ¼"
downwards
curved



09-421-18

18.5 cm - 7 ¼"
upwards
curved



09-422-18

18.5 cm - 7 ¼"
downwards
curved



09-423-18

18.5 cm - 7 ¼"
upwards
curved



09-424-18

18.5 cm - 7 ¼"
downwards
curved





Yasargil

09-419-18

18.5 cm - 7 ¼"
upwards
curved



09-420-18

18.5 cm - 7 ¼"
downwards
curved



09-425-09
9.5 cm - 4"
Vessel Knife Tip

09-426-08
8.5 cm - 3 ¼"
interchangeable
Vessel Hook Tip



Jacobson
09-427-10
10.5 cm - 4 ¼"
Handle with Chuck for inter-changeable
Vessel Knives and Hooks



Jacobson
09-430-18
18.5 cm - 7 ¼"
Micro Vessel Knife



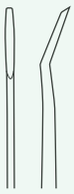


09-428-18
18.5 cm - 7 ¼"
curved



Fisch
09-429-18
18.5 cm - 7 ¼"
angled





Yasargil

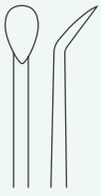
09-431-18

18.5 cm - 7 ¼"
Micro Raspatory
angled



09-432-18

18.5 cm - 7 ¼"
Micro Dissector
angled



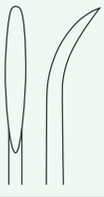
09-433-18

18.5 cm - 7 ¼"
Micro Raspatory
angled



09-434-18

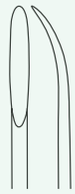
18.5 cm - 7 ¼"
Micro Raspatory
slightly curved



09-435-18

18.5 cm - 7 ¼"
Micro Raspatory
strongly curved





Yasargil

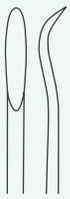
09-436-18

18.5 cm - 7 ¼"
Micro Raspatory



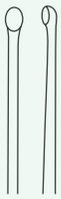
09-437-18

18.5 cm - 7 ¼"
Micro Raspatory



09-438-18

18.5 cm - 7 ¼"
Micro Raspatory



09-439-18

18.5 cm - 7 ¼"
Micro Spoon, sharp







Krayenbuhl

09-440-19	09-441-19
19 cm - 7 ½"	19 cm - 7 ½"



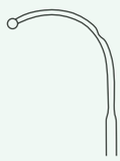


09-442-19	09-443-19
19 cm - 7 ½"	19 cm - 7 ½"



Fadenführer, geknöpft
Ligature Guide, probe pointed





Yasargil

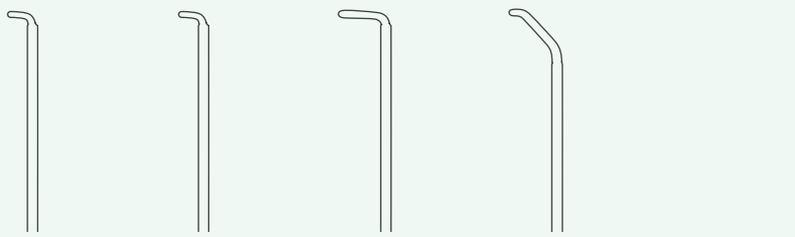
09-444-19	09-445-19
19 cm - 7 ½"	19 cm - 7 ½"





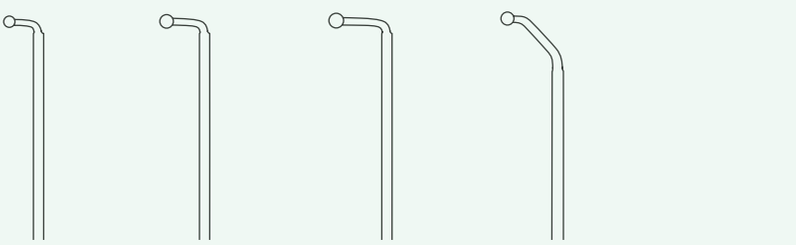
09-446-19	09-447-19
19 cm - 7 ½"	19 cm - 7 ½"



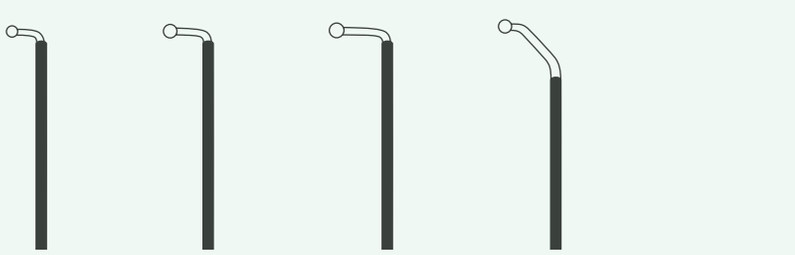


Caspar

09-448-24	09-449-24	09-450-24	09-451-24	24.5 cm - 9 ¾"
	rounded			



09-452-24	09-453-24	09-454-24	09-455-24	24.5 cm - 9 ¾"
	probe pointed			



09-456-24	09-457-24	09-458-24	09-459-24	24.5 cm - 9 ¾"
insulated				



Megan

09-461-18	18.5 cm - 7 ¼"
Tissue Pick	



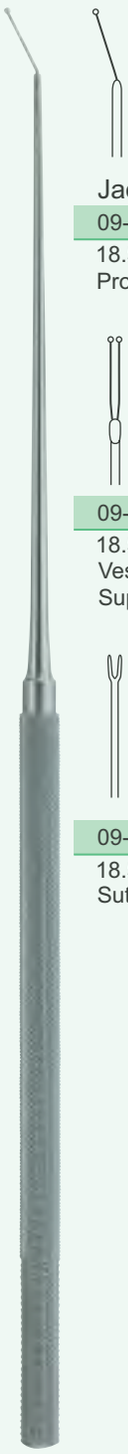
Stomer
09-462-12
12.5 cm - 5"
Ø 0,5 mm
Vessel Dilators

09-463-12
12.5 cm - 5"
Ø 1 mm

09-464-12
12.5 cm - 5"
Ø 1,5 mm



Biemer
09-465-16
16 cm - 6 ¼"
Gefäßspreizer
Vessel Spreader



Jacobsen
09-466-18
18.5 cm - 7 ¼"
Probe with Ball Tip

09-467-18
18.5 cm - 7 ¼"
Vessel Probe and
Supporter

09-468-18
18.5 cm - 7 ¼"
Suture Pusher



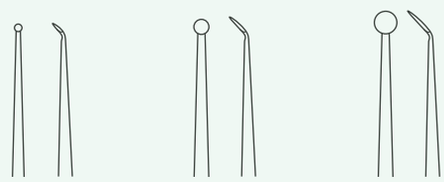
Case only

09-470-00
Stainless

Rhoton

09-469-00	Complete set consisting of:
09-470-00	Stainless case
	1 of each 09-471-19 to 09-484-19

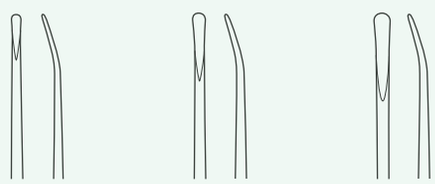




Dissectors, round

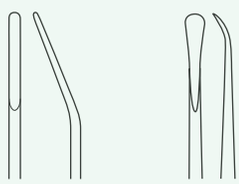
Rhoton

09-471-19	09-472-19	09-473-19	19 cm - 7 ½"
Fig. 1 Ø1mm	Fig. 2 Ø 2 mm	Fig. 3 Ø 3 mm	



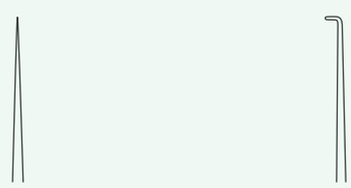
Dissectors, spatula shaped

09-474-19	09-475-19	09-476-19
Fig. 6 1 mm	Fig. 7 1,5 mm	Fig. 8 2 mm



Elevators

09-477-19	09-478-19	19 cm - 7 ½"
Fig. 4 1,2 mm	Fig. 5 2,8 mm	



Needles, semi-sharp

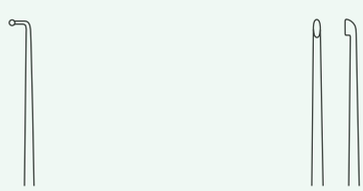
09-479-19
19 cm - 7 ½"
Fig. 12

Hooks, blunt

09-480-19
19 cm - 7 ½"
Fig. 10
2 mm
90°

Hooks, semi-sharp

09-481-19	09-482-19A
19 cm - 7 ½" Fig. 9 2 mm 90°	19 cm - 7 ½" Fig. 11 3 mm 45°



Probes, angled, probe pointed

09-482-19B
19 cm - 7 ½"
Fig. 16
3 mm
90°

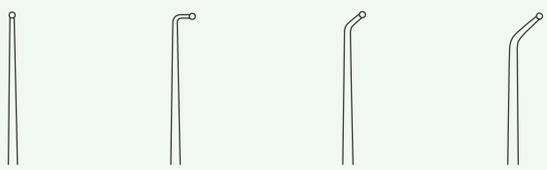
Curettes, sharp, oval

09-483-19
19 cm - 7 ½"
Fig. 13
1 x 2 mm

Curettes, sharp, oval, angled down

09-484-19
19 cm - 7 ½"
Fig. 14
1x 2 mm
45°



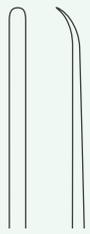


Probes, probe pointed

Rhoton

09-485-19	09-486-19	09-487-19	09-488-19	19 cm - 7 ½"
Fig. 15	Fig. 17 90°	Fig. 18 40°	Fig. 19 40°	





Brewer

09-489-19

19 cm - 7 ½"
Dissectors
2 mm



09-490-19

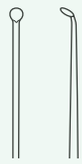
19 cm - 7 ½"
Nerve Hooks
5 mm



09-491-19

19 cm - 7 ½"
Nerve Hooks
8 mm

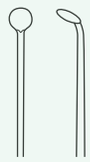




Samii

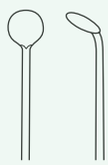
09-492-23

23 cm - 9"
Knives for Tumor Tissue
1,5 mm



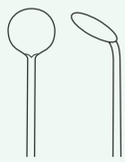
09-493-23

23 cm - 9"
3 mm



09-494-23

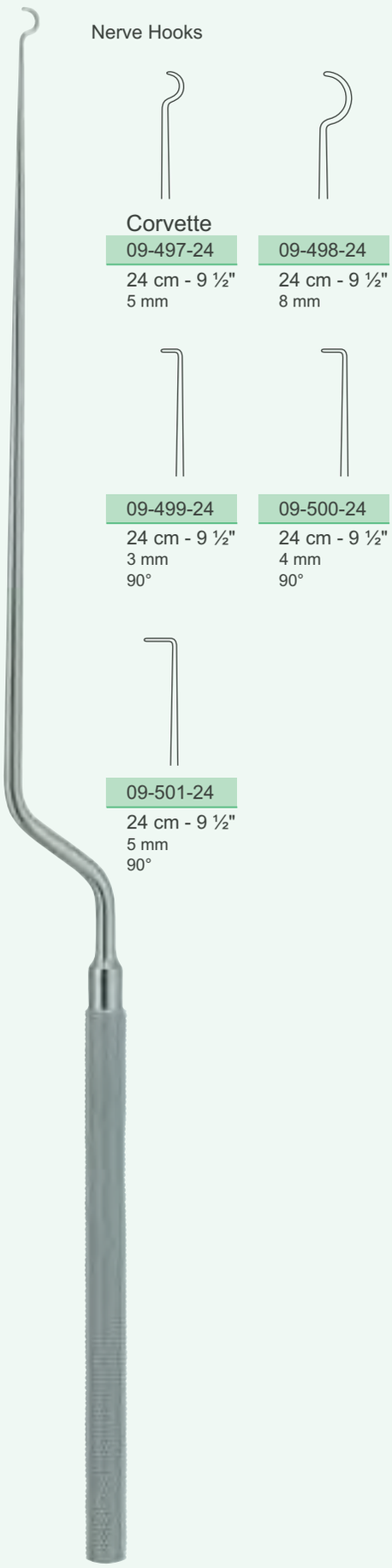
23 cm - 9"
4,5 mm



09-495-23

23 cm - 9"
6 mm

Nerve Hooks



Corvette

09-497-24

24 cm - 9 ½"
5 mm

09-498-24

24 cm - 9 ½"
8 mm

09-499-24

24 cm - 9 ½"
3 mm
90°

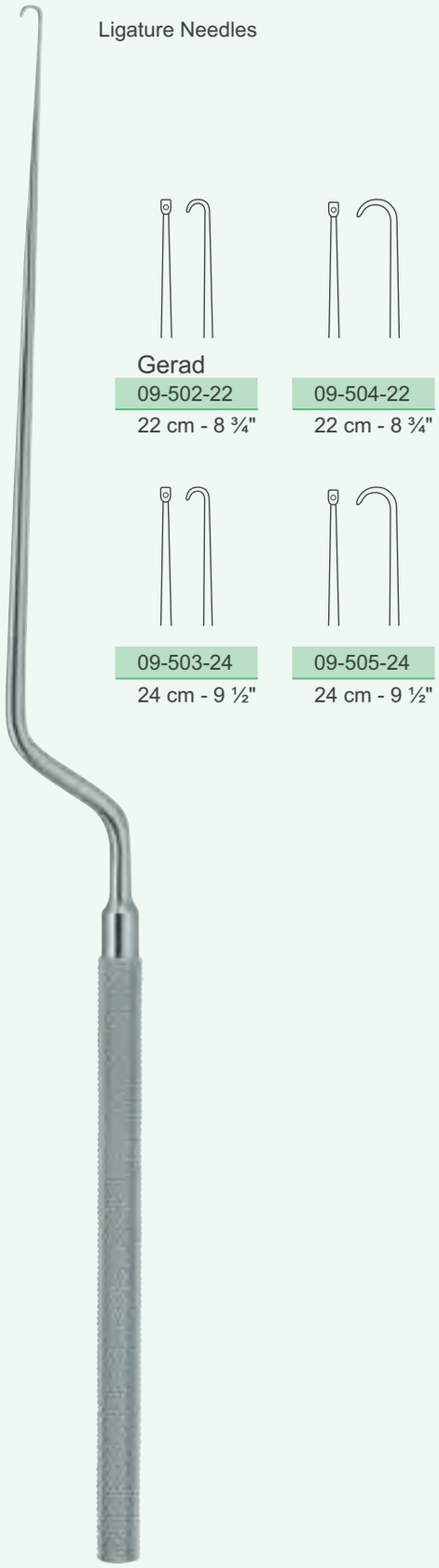
09-500-24

24 cm - 9 ½"
4 mm
90°

09-501-24

24 cm - 9 ½"
5 mm
90°

Ligature Needles



Gerad

09-502-22

22 cm - 8 ¾"

09-504-22

22 cm - 8 ¾"

09-503-24

24 cm - 9 ½"

09-505-24

24 cm - 9 ½"



Spatula Dissectors



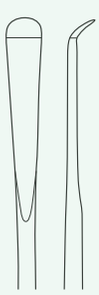
straight

Respa

09-506-25

25 cm - 10"
5mm

Dissectors, angled



sharp, angled up

09-507-25

25 cm - 10"
5 mm

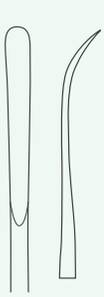


sharp, angled down

09-508-25

25 cm - 10"
5 mm

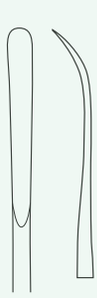
Raspatories



curved up

09-509-25

09-510-25

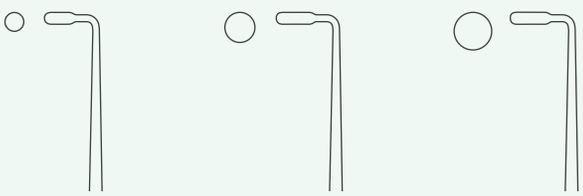


curved down

09-511-25 25 cm - 10" 2 mm

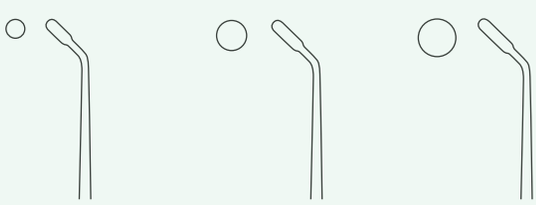
09-512-25 25 cm - 10" 4 mm



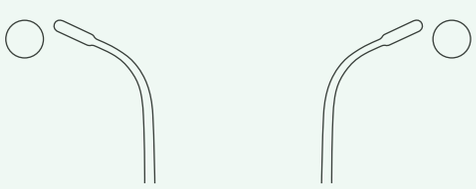


Rigor

09-513-24		
09-514-24		
09-515-24		
09-516-24		
Ø 2,5 mm		
90°		
09-517-24		
09-518-24		
09-519-24		
09-520-24		
Ø 4mm		
90°		
09-521-24	24 cm - 9 ¾"	up
09-522-24	24 cm - 9 ¾"	down
09-523-24	24 cm - 9 ¾"	right
09-524-24	24 cm - 9 ¾"	left
Ø 5 mm		
90°		



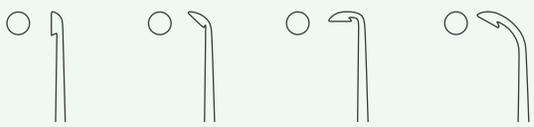
09-525-24		
09-526-24		
09-527-24		
09-528-24		
Ø 2,5 mm		
45°		
09-529-24		
09-530-24		
09-531-24		
09-532-24		
Ø 4mm		
45°		
09-533-24	24 cm - 9 ¾"	up
09-534-24	24 cm - 9 ¾"	down
09-535-24	24 cm - 9 ¾"	right
09-536-24	24 cm - 9 ¾"	left
Ø5mm		
45°		



Hardy

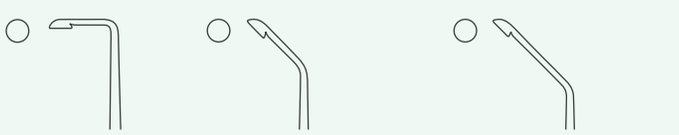
09-537-24	
curved left	
Ø 5 mm	
09-538-24	24 cm - 9 ¾"
curved right	
Ø 5 mm	





Jorgenson

09-539-24	09-540-24	09-541-24	09-542-24
24 cm - 9 ¾"	24 cm - 9 ¾"	24 cm - 9 ¾"	24 cm - 9 ¾"
Ø 3 mm	Ø 3 mm	Ø 3 mm	Ø 3 mm
	45°	90°	45°



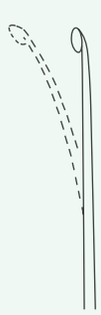
with stick 5 mm

09-544-24	09-548-24
09-545-24	09-549-24
09-546-24	09-550-24
09-547-24	09-551-24
24 cm - 9 ¾"	24 cm - 9 ¾"
Ø 3 mm	Ø 3 mm
90°	45°

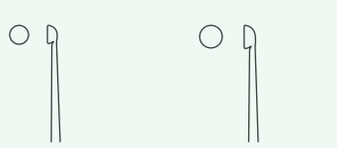
withstick 10 mm

09-552-24	up
09-553-24	down
09-554-24	right
09-555-24	left

24 cm - 9 ¾"
Ø 3 mm
45°



malleable



09-557-24
24 cm - 9 ¾"
Ø 2,5 mm

09-558-24
24 cm - 9 ¾"
Ø 3 mm



09-560-24
24 cm - 9 ¾"
Ø 3,5 mm

09-561-24
24 cm - 9 ¾"
Ø 4 mm



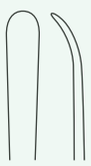
Mhook

09-543-23
23 cm - 9"
3 mm

09-556-23
23 cm - 9"
5 mm

09-559-24
23 cm - 9"
8 mm

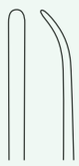




Hurd

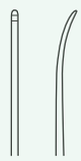
09-562-24

24 cm - 9 ½"
4,5 mm



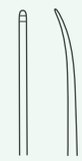
09-563-24

24 cm - 9 ½"
2 mm



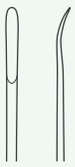
09-565-24

24 cm - 9 ½"
1 mm



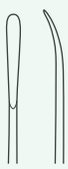
09-566-24

24 cm - 9 ½"
1 mm



09-567-24

24 cm - 9 ½"
2 mm



09-568-24

24 cm - 9 ½"
2 mm



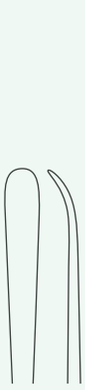


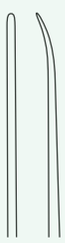
Maroon

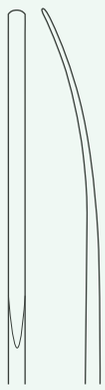
09-564-23

23 cm - 9"
Suture Pusher









Craig

09-569-01	09-569-09	09-569-17	18.5 cm - 7 ¼"
09-569-02	09-569-10	09-569-18	18.5 cm - 7 ¼"
09-569-03	09-569-11	09-569-19	20 cm - 8"
09-569-04	09-569-12	09-569-20	20 cm - 8"
09-569-05	09-569-13	09-569-21	21.5 cm - 8 ½"
09-569-06	09-569-14	09-569-22	21.5 cm - 8 ½"
09-569-07	09-569-15	09-569-23	23 cm - 9"
09-569-08	09-569-16	09-569-24	23 cm - 9"
curved 4,5 mm	curved 1 mm	curved 3 mm	



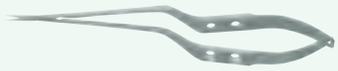
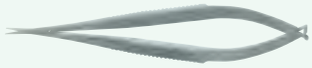
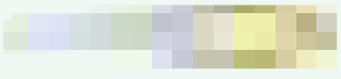


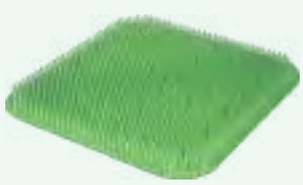
Micro Spoon

Hardy

09-570-24

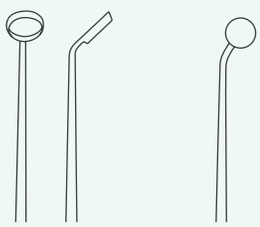
24 cm - 9 ½"

	Item No.	Description
	Steima Fig. 1 09-571-00	Set consisting of:
	13-144-20	1 Micro scissors bayonet, 20 cm - 8"
	13-967-18	1 Welsh micro scissors, 18.5 cm - 7¼"
	13-213-18	1 Micro forceps, 18 cm - 7", 0.9 mm
	13-213-20	1 Micro forceps, 20 cm - 8", 0.9 mm
	13-328-20	1 Micro needle holder 20 cm - 8"
	07-360-18	1 Micro needle holder 20 cm - 8" TC
	21-516-05	1 Sterilization container
	21-628-01	1 Silicon matt
	21-609-05	1 Identification label red

	Item No.	Description
	Steima Fig. 2 09-572-00	Set consisting of:
	13-995-14	1 Irwan Micro scissors straight long blade 14.5 cm - 5 ½”
	13-996-14	1 Irwan Micro scissors curved long blade14.5 cm - 5 ½”
	13-181-15	2 Micro forceps straight 15 cm - 6"
	13-299-05	1 Micro needle holder straight 15 cm - 6"
	13-300-05	1 Micro needle holder curved 15 cm - 6"
	21-516-05	1 Sterilization container
	21-628-01	1 Silicon matt
	21-609-05	1 Identification label red

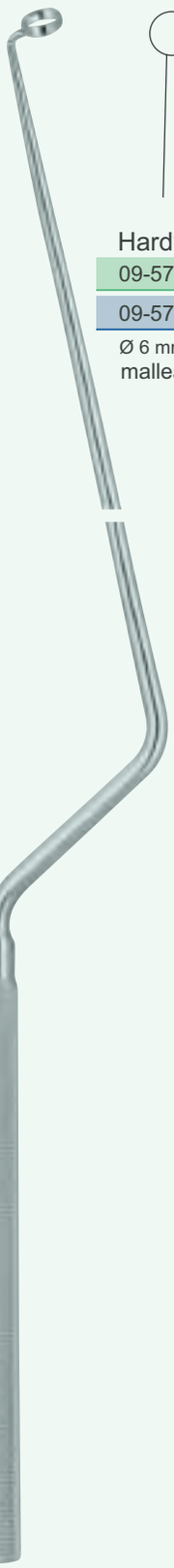
	Item No.	Description
	Steima Fig. 3 09-573-00	Set consisting of:
	13-991-18	1 Irwan Micro scissors straight short blade 18 cm - 7"
	13-992-18	1 Irwan Micro scissors curved short blade18 cm - 7"
	13-181-18	2 Micro forceps straight 18 cm - 7"
	13-179-20	1 Micro forceps straight 18 cm - 7"
	13-182-18	1 Micro forceps curved 18 cm - 7"
	13-299-06	1 Micro needle holder straight 18 cm - 7"
	13-300-06	1 Micro needle holder curved 18 cm - 7"
	21-516-05	1 Sterilization container
	21-628-01	1 Silicon matt
	21-609-05	1 Identification label red





Ray

09-579-18		09-580-18	18 cm - 9"
09-579-18T		09-580-18T	18 cm - 9"
horizontal 45°		vertical 45°	
Ø 4 mm		Ø 4 mm	



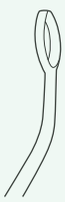




Hardy

09-577-26		09-578-26	26 cm - 10 ¼"
09-577-26T		09-578-26T	26 cm - 10 ¼"
Ø 6 mm malleable		Ø 4 mm	

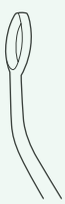




Nicola

09-581-26	26 cm - 10 ¼"
09-581-26T	26 cm - 10 ¼"

cutting to the right
Ø 6,5 mm



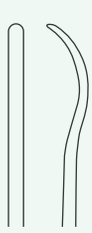
09-582-26	26 cm - 10 ¼"
09-582-26T	26 cm - 10 ¼"

cutting to the left
Ø 6,5 mm



09-583-26	26 cm - 10 ¼"
09-583-26T	26 cm - 10 ¼"

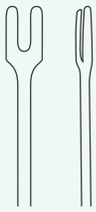
angled up
Ø 6,5 mm



09-584-21	21.5 cm - 8 ½"
09-584-21T	21.5 cm - 8 ½"

Raspatory
2 mm

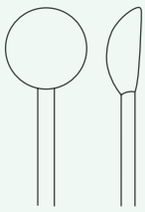




Hosobuchi

09-585-26

Fork Spatula, rigid



Landolt

09-586-26 26 cm - 10 ¼"

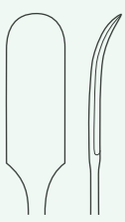
Spoon, malleable



Landolt

09-587-26

Hook, blunt, malleable



Landolt

09-589-26

Curette, malleable

Enucleator, blunt, malleable



Landolt

09-590-26 09-591-26

09-590-26T 09-591-26T

left right



Landolt

09-592-26 09-593-26 26 cm - 10 ¼"

09-592-26T 09-593-26T 26 cm - 10 ¼"

left right





09-594-24
09-594-24T
left bend
right, sharp



09-595-24
09-595-24T
left bend
left, sharp



09-596-24
09-596-24T
right bend
right, sharp



09-597-24 24.5 cm - 9 ¾"
09-597-24T 24.5 cm - 9 ¾"
right bend
left, sharp



09-598-24
09-598-24T
left bend
right, blunt



09-599-24
09-599-24T
left bend
left, blunt

innen scharf



09-600-24
09-600-24T
right bend
right, blunt



09-602-24 24.5 cm - 9 ¾"
09-602-24T 24.5 cm - 9 ¾"
right bend
left, blunt

Dissector, sharpened inner edge

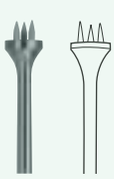




Hardy-Fahlbusch

09-603-24
09-603-24T
left bend

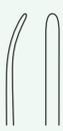
09-604-24 24.5 cm - 9 ¾"
09-604-24T 24.5 cm - 9 ¾"
right bend



Hardy

09-605-24T 24.5 cm - 9 ¾"
Implant Fork





Landolt-reulen

09-606-26	
09-606-26T	

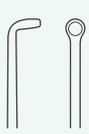
Dissector, rigid
2 mm



Landolt-reulen

09-607-26	26 cm - 10 ¼"
09-607-26T	26 cm - 10 ¼"

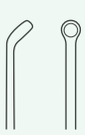
Hook, blunt, rigid
1,7 mm



Fahlbusch

09-608-26	
09-608-26T	

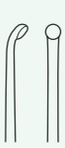
Curette, malleable
2,5 mm



Landolt-reulen

09-609-26	26 cm - 10 ¼"
09-609-26T	26 cm - 10 ¼"

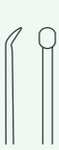
Curette, rigid
2,5 mm



Fahlbusch

09-610-26	26 cm - 10 ¼"
09-610-26T	26 cm - 10 ¼"

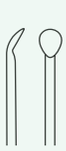
Spoon, malleable
Ø 2 mm



Landolt-reulen

09-611-26	
09-611-26T	

Raspatories, rigid
2,2 mm



09-612-26	26 cm - 10 ¼"
09-612-26T	26 cm - 10 ¼"

Raspatories, rigid
3,2 mm

SURGICALINSTRUMENTS



10

Cardiovascular Surgery
Herz-Kreislauf-Chirurgie
Cirugía Cardiovascular
Chirurgie cardiovasculaire
Chirurgia cardiovascolare

surgimax™
saving lives



Vasel

10-100-50	10-101-50	10-102-50	10-103-50	10-104-50	50 cm - 20”
2 mmØ	3 mmØ	4 mmØ	5 mmØ	6 mmØ	

10-105-50	10-106-50	10-107-50	10-108-50	50 cm - 20”
8.5 mmØ	10 mmØ	12 mmØ	14 mmØ	



Favoe

10-109-12
12 cm - 4 ¾”

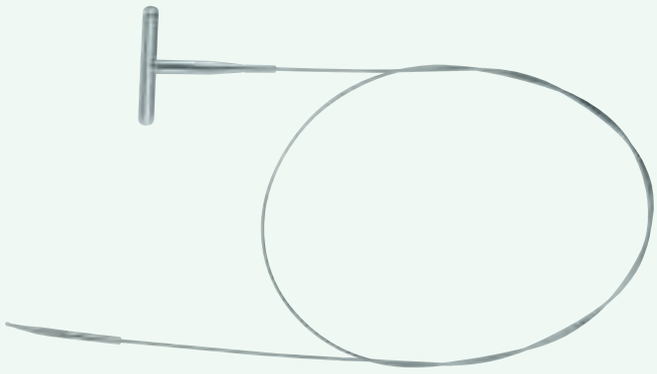
Rumel-Belmont

10-110-32	10-111-32 32.5 cm - 12 ¾”
3.2 mm Ø	6.4 mm Ø
for children	for adults
für Kinder	für Erwachsene
para niños	para adultos
pour enfants	pour adultes
per bambini	per adulti

Tourniquet
Tourniquet
Tourniquete
Tourniquet
Tourniquet







Nabatbof

10-112-00	Complete set consisting of:
10-113-00	Metal case 135 mm x 100 mm x 25 mm
10-114-00	Handle
10-115-00	Cable
10-116-00	Probe tip in plastic
10-117-00	Probe
10-118-00	Tip 6 mm
10-119-00	Tip 9 mm
10-120-00	Tip 12 mm
10-121-00	Tip 15 mm

10-113-00
Metal case

10-114-00
Handle

10-115-00
Cable 900 mm

10-116-00
Probe tip in plastic



10-117-00
3 mm Ø
Probe



10-118-00
6 mm Ø
Olive



10-119-00
9 mm Ø



10-120-00
12 mm Ø



10-121-00
15 mm Ø



Biemer

10-122-00

applying forceps with lock
Anlegepinzette mit Schloss
aplicadora con cierre
pince à poser avec verrou
pinza posa clips con cremagliera

10-123-00

applying forceps without lock
Anlegepinzette ohne Schloss
aplicadora sin cierre
pince à poser sans verrou
pinza posa clips senza cremagliera



x	y	gms
jaw length Maullänge longitud de la boca longueur du mors lunghezza del morso	max. jaw opening max. Maulöffnung apertura max. de la boca ouverture max. du mors apertura mass.	closing pressure Schließkraft fuerza de cierre force de fermeture pressione



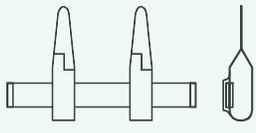
10-124-00
x = 6 mm
y = 4 mm
gms = 30–40



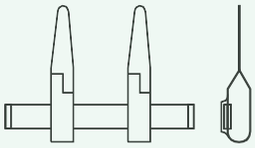
10-125-00
x = 9 mm
y = 5 mm
gms = 30–40



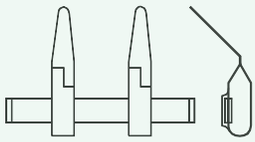
10-126-00
x = 9 mm
y = 5 mm
gms = 20–25



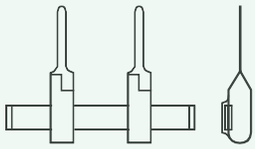
10-127-00
x = 4.5 mm
y = 3.0 mm
gms = 30–40



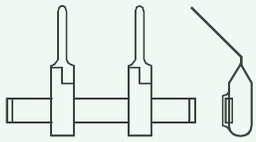
10-128-00
x = 9 mm
y = 5 mm
gms = 30–40



10-129-00
x = 9 mm
y = 5 mm
gms = 30–40



10-130-00
x = 9 mm
y = 5 mm
gms = 20–25



10-131-00
x = 9 mm
y = 5 mm
gms = 30–40



A-Forceps
Fig. 1

10-132-14	10-133-14	14 cm - 5 ½"

with lock
mit Schloß
con cierre
avec serrure
con cremagliera



A-Forceps
Fig. 2

10-134-14	14 cm - 5 ½"

for approximators and double-clips
für Approximatorenund Doppelklemmen
para approximadores y clips dobles
pour approximateurs et clips doubles
per approssimatori e clips doppi



x	Ø	V	A
Length	Vessel	Vein	Artery
Länge	Gefäss	Vene	Arterie
Longitud	Vaso	Vena	Arteria
Longueur	Vaisseau	Veine	Artère
Lunghezza	Vaso	Vena	Arteria



10-135-01
10-135-02



10-136-01
10-136-02



10-137-01
10-137-02

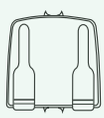


10-138-01
10-138-02

x = 8 mm
V
A
Ø = 0,4 mm-1 mm



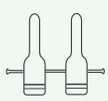
10-139-01
10-139-02



10-140-01
10-140-02



10-141-01
10-141-02



10-142-01
10-142-02

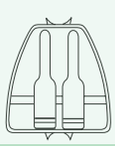
x = 11 mm
V
A
Ø = 0,6 mm-1,5 mm



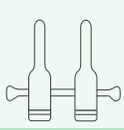
10-143-01
10-143-02



10-144-01
10-144-02



10-145-01
10-145-02

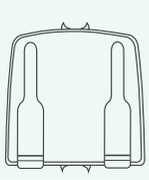


10-146-01
10-146-02

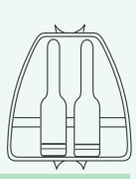
x = 14 mm
V
A
Ø = 1 mm-2 mm



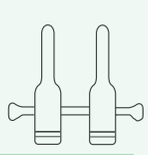
10-147-01
10-147-02



10-148-01
10-148-02



10-149-01
10-149-02

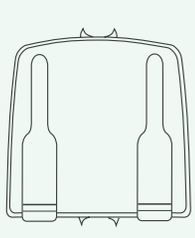


10-150-01
10-150-02

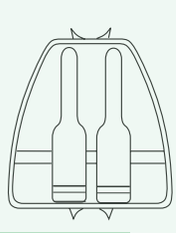
x = 17 mm
V
A
Ø = 1 mm-2,25 mm



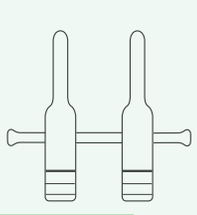
10-151-01
10-151-02



10-152-01
10-152-02



10-153-01
10-153-02

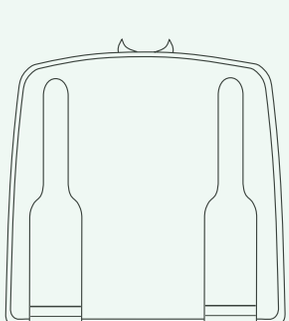


10-154-01
10-154-02

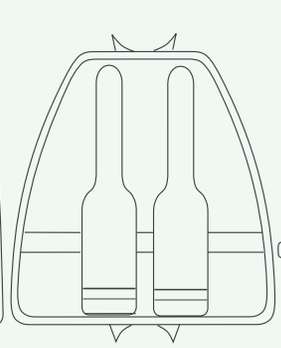
x = 25 mm
V
A
Ø = 1,5 mm-3,5 mm



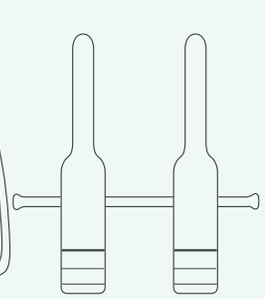
10-155-01
10-155-02



10-156-01
10-156-02

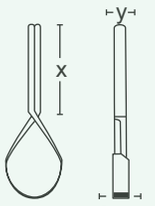


10-157-01
10-157-02



10-158-01
10-158-02

x = 36 mm
V
A
Ø = 1,5 mm-3,5 mm

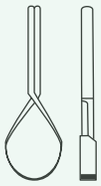


x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

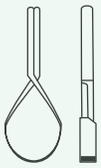
y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms=Force de fermeture
gms= Sforza della chiusura

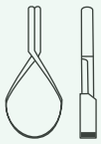
for temporary closure
für temporären Verschluss
para oclusión temporal
pour fermeture temporaire
per chiusura temporanea



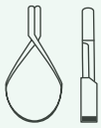
10-159-00
x = 10.0 mm
y = 1.5 mm
gms = 70



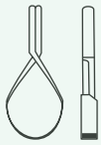
10-160-00
x = 8.0 mm
y = 1.0 mm
gms = 70



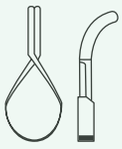
10-161-00
x = 6.0 mm
y = 0.8 mm
gms = 70



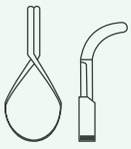
10-162-00
x = 4.0 mm
y = 0.75 mm
gms = 70



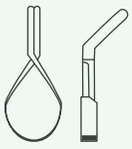
10-163-00
x = 6.0 mm
y = 1.0 mm
gms = 70



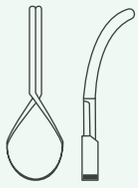
10-164-00
x = 6.0 mm
y = 1.0 mm
gms = 70



10-165-00
x = 6.0 mm
y = 1.0 mm
gms = 70



10-166-00
x = 6.0 mm
y = 1.0 mm
gms = 70



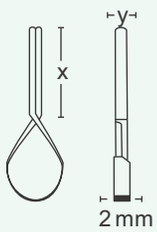
10-167-00
x = 10.0 mm
y = 1.0 mm
gms = 70



Baggi

10-168-15
15 cm - 6”
with ratchet
mit Sperre
con cierre
avec crémaillère
con cremagliera

10-169-18
18 cm - 7”
with ratchet, bayonet shaped
mit Sperre, bajonettförmig
con cierre, en forma de bayoneta
avec crémaillère, en forme de baionette
con cremagliera, a forma baionetta

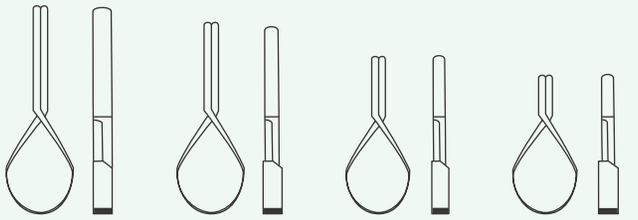


x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

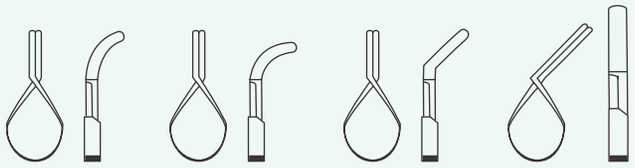
y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms=Force de fermeture
gms= Sforza della chiusura

for temporary closure
für temporären Verschluss
para oclusión temporal
pour fermeture temporaire
per chiusura temporanea

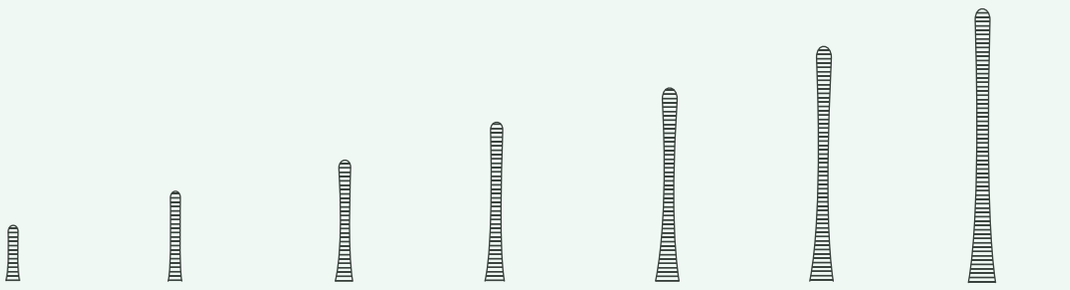


10-170-00	10-171-00	10-172-00	10-173-00
x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm
y = 2.0 mm	y = 2.0 mm	y = 1.0 mm	y = 0.75 mm
gms = 150	gms =150	gms =150	gms =150



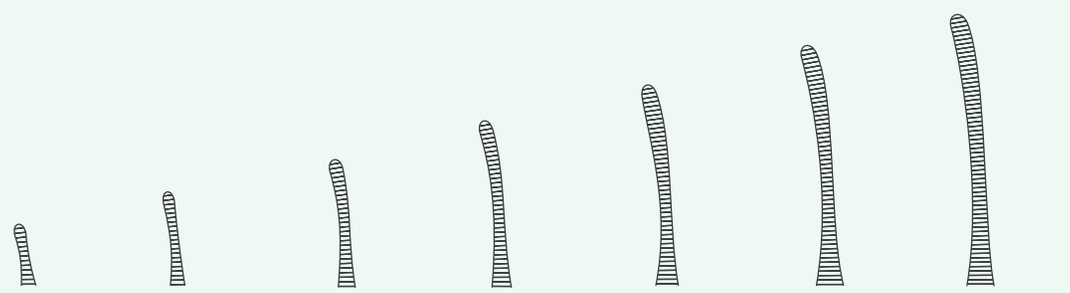
10-174-00	10-175-00	10-176-00	10-177-00
x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 8.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 2.0 mm
gms = 150	gms = 150	gms = 150	gms = 150





Johns Hopkins

10-178-03	10-179-05	10-180-05	10-181-06	10-182-07	10-183-07	10-184-09
3.8 cm - 1 ½"	5 cm - 2"	5.5 cm - 2 ¼"	6.5 cm - 2 ½"	7 cm - 2 ¾"	7.5 cm - 3"	9 cm - 3 ½"



Johns Hopkins

10-185-03	10-186-05	10-187-05	10-188-06	10-189-07	10-190-07	10-191-09
3.8 cm - 1 ½"	5 cm - 2"	5.5 cm - 2 ¼"	6.5 cm - 2 ½"	7 cm - 2 ¾"	7.5 cm - 3"	9 cm - 3 ½"



Fridous

10-192-23

23.5 cm - 9 ¼"

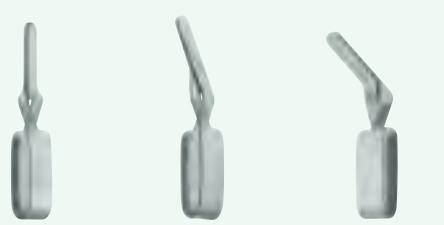
Applying forceps for bulldog clamps
Anlegezange für Bulldogklemmen
Pinza aplicadora para clamps Bulldog
Pince pour poser les clamps Bulldog
Pinza per posizionare le pinze Bulldog



Schwartz

10-001-19

19 cm - 7 ½"



Applicator

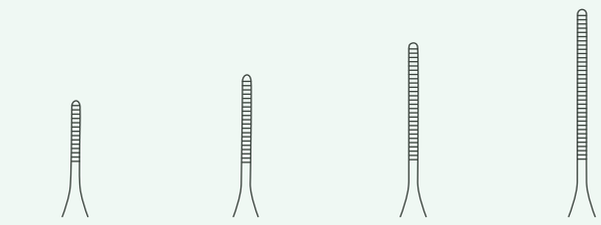
10-002-01	10-002-02	10-002-03
2.7 cm - 1"	2.7 cm - 1"	2.7 cm - 1"



Dieffenbach

10-003-03	10-004-03	3.5 cm - 1 ½"
10-003-05	10-004-05	5 cm - 2"
10-003-06	10-004-06	6 cm - 2"

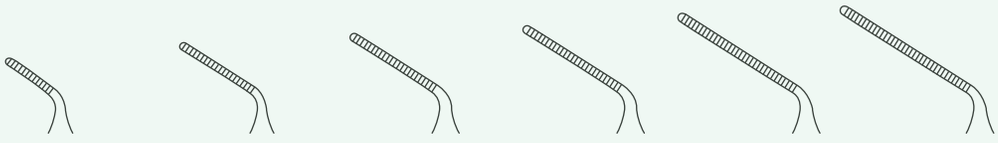




Diethrich

10-193-05	10-194-05	10-195-05	10-196-05	5 cm - 2”
8 mm	12 mm	16 mm	20 mm	

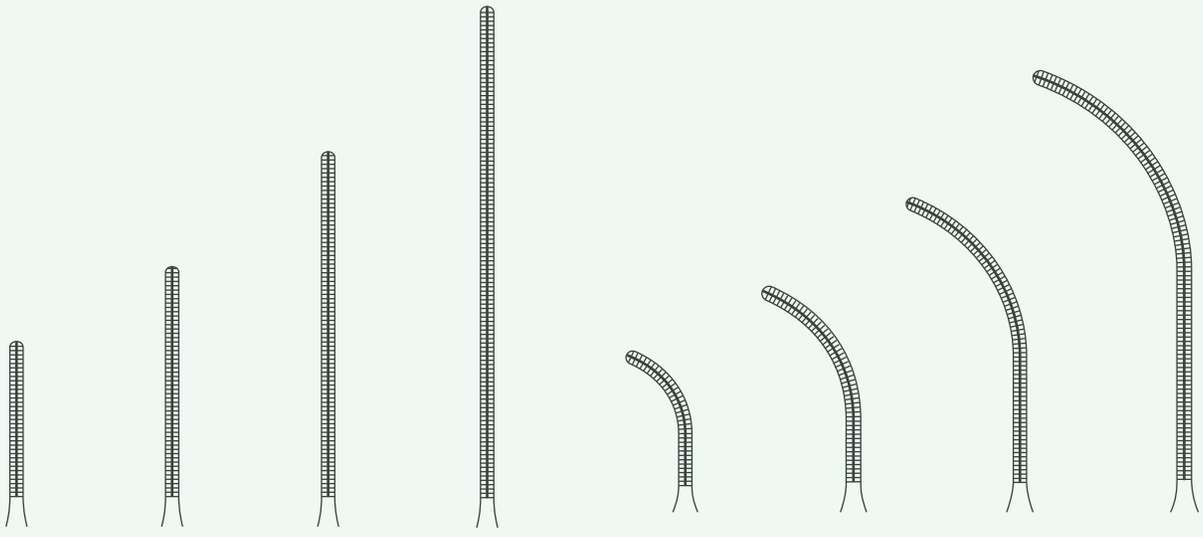




Diethrich

10-197-05	10-198-05	10-199-05	10-200-05	10-201-05	10-202-05	5 cm - 2”
8 mm	12 mm	13 mm	16 mm	18 mm	20 mm	

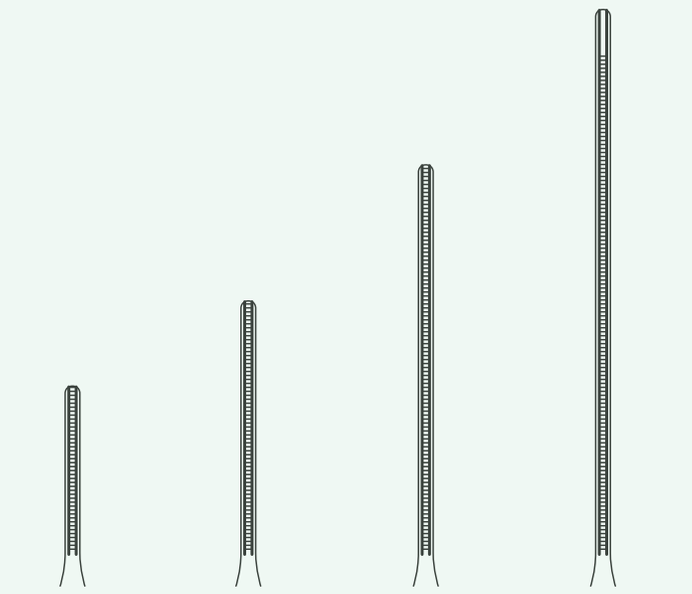




Cooley

10-203-08	10-204-09	10-205-10	10-206-12	10-207-07	10-208-08	10-209-09	10-210-11
8 cm - 3 ¼”	9 cm - 3 ½”	10.5 cm - 4 ¼”	12.5 cm - 5”	7.5 cm - 3”	8.5 cm - 3 ¼”	9.5 cm - 3 ¾”	11.5 cm - 4 ½”

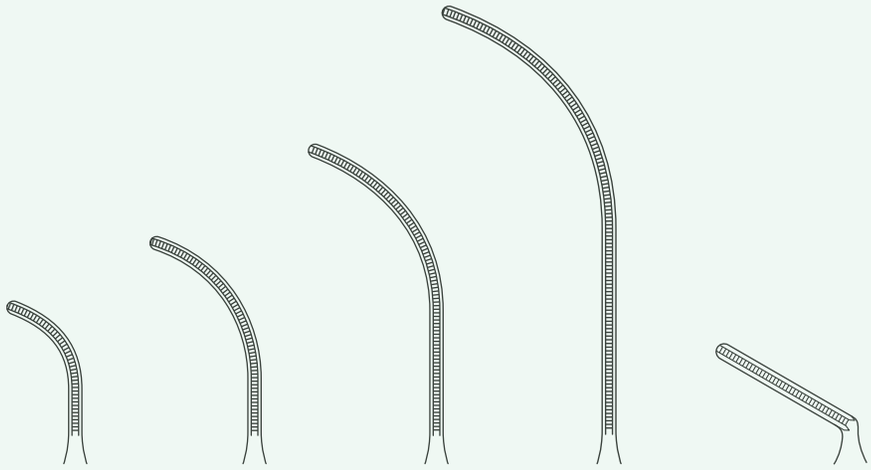




De Bakey

10-211-07	10-212-08	10-213-10	10-214-12
7.5 cm - 3”	8.5 cm - 3 ¼”	10.5 cm - 4 ¼”	12 cm - 4 ¾”

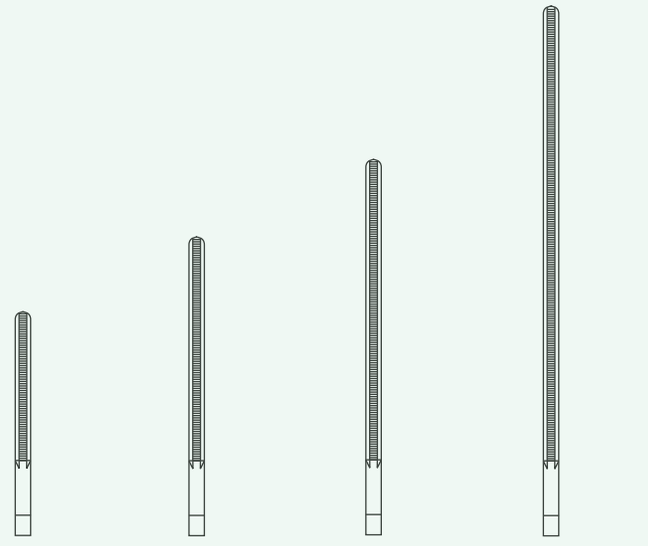




De Bakey

10-215-07	10-216-08	10-217-10	01-218-11	10-219-05
7 cm - 2 ¾”	8 cm - 3 ¼”	10 cm - 4”	11.5 cm - 4 ½”	5 cm - 2 ¼” angled on flat abgewinkelt angulado coudée sur le plat angolato

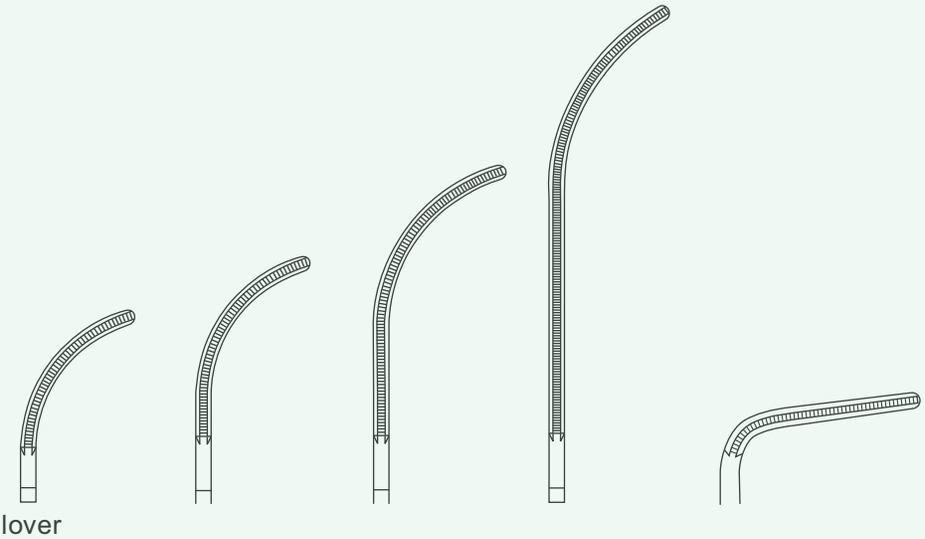




Glover

10-220-06	10-221-07	10-222-09	10-223-11
6 cm - 2 ½”	7 cm - 2 ¾”	9 cm - 3 ½”	11 cm - 4 ¼”

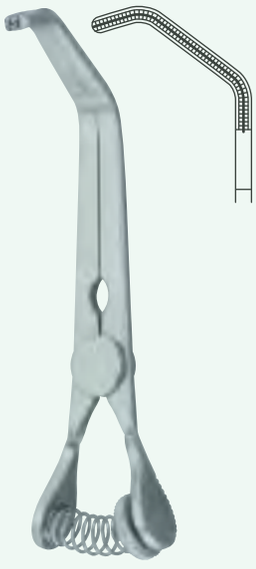




Glover

10-224-05	10-225-06	10-226-08	10-227-10	10-228-05
5.5 cm - 2 ¼”	6.5 cm - 2 ½”	8.5 cm - 3 ¼”	10.5 cm - 4 ¼”	5 cm - 2"

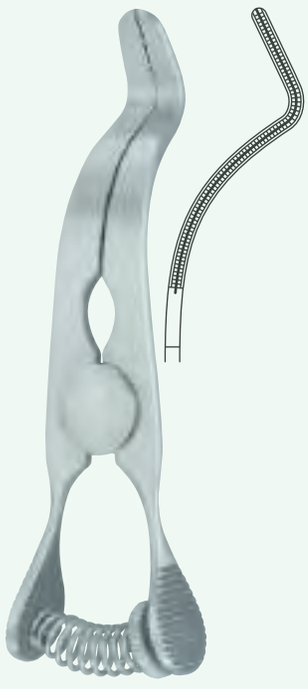
angled on flat
abgewinkelt
angulado
coudée sur le plat
angolato



De Bakey-Satinsky

10-229-07

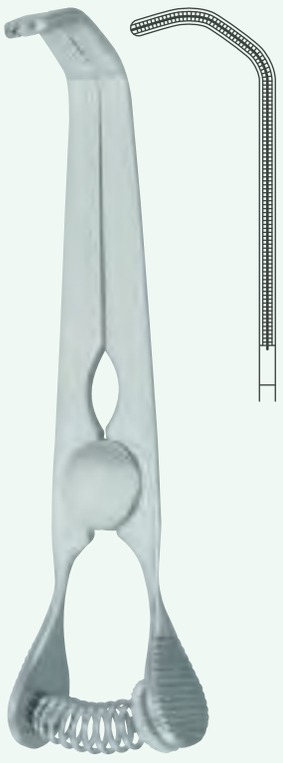
7 cm - 2 ¾”



De Bakey-Carotis

10-230-09

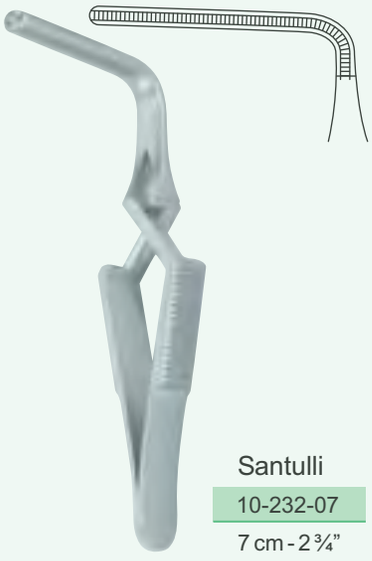
9 cm - 3 ½”



De Bakey-Satinsky

10-231-10

10 cm - 4"

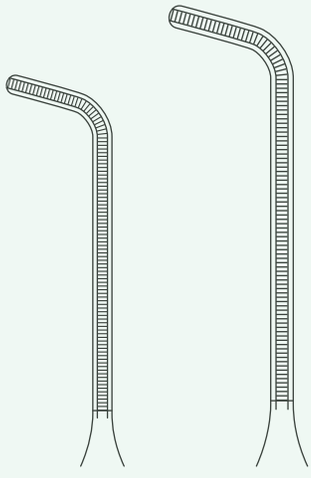


Santulli

10-232-07

7 cm - 2 ¾”





Gregory-soft

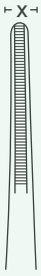
10-233-09

9 cm - 3 ½”

10-234-11

11 cm - 4 ¼”







Mercure

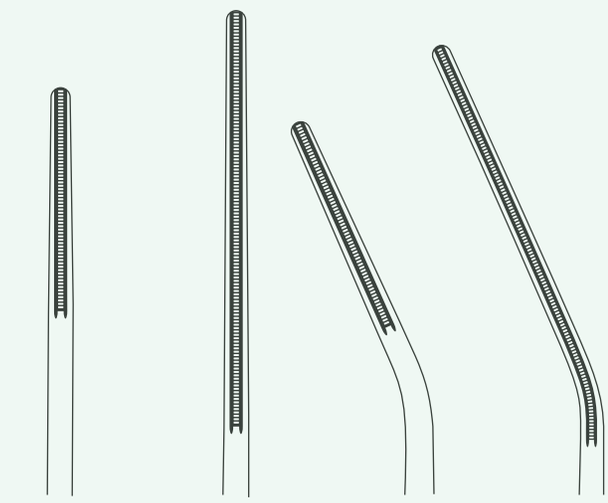
10-246-15	10-247-15	15 cm - 6”
10-246-20	10-247-20	20 cm - 8”
10-246-24	10-247-24	24 cm - 9 ½”
x = 2.5 mm	x = 3.0 mm	

stainless
rostfrei
inoxidable
inoxydable
inossidabile

10-248-15	10-249-15	150 mm– 6 "
10-248-20	10-249-20	20 cm - 8”
10-248-24	10-249-24	24 cm - 9 ½”
x = 2.5 mm	x = 2.8 mm	

Titanium

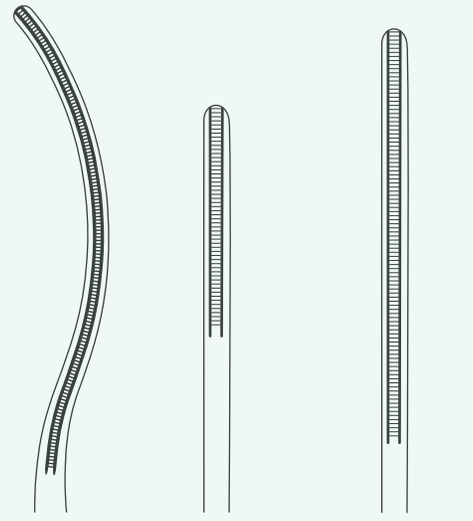




Potts

10-250-20	10-251-22	10-252-20	10-253-22
20 cm - 8”	22 cm - 8 ¾”	20 cm - 8”	22 cm - 8 ¾”

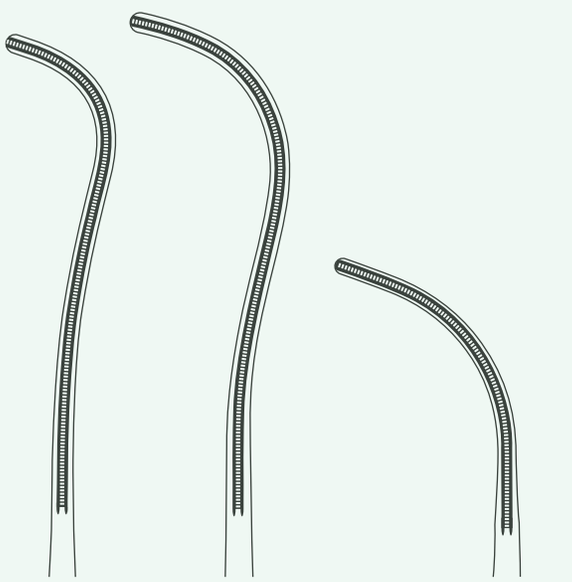




Potts

10-254-22	10-255-21	10-256-22
22 cm - 8 ¾”	21 cm - 8 ¼”	22 cm - 8 ¾”





De Bakey

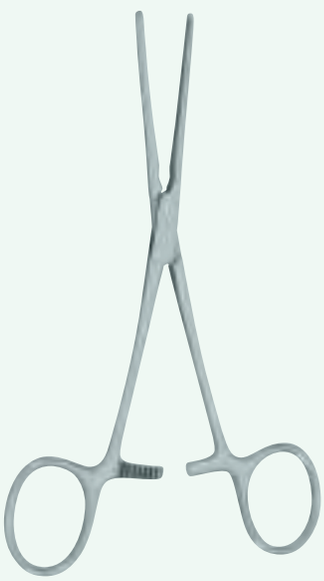
10-257-19	10-258-23	10-259-16
19 cm - 7 ½"	23 cm - 9"	16 cm - 6 ¼"

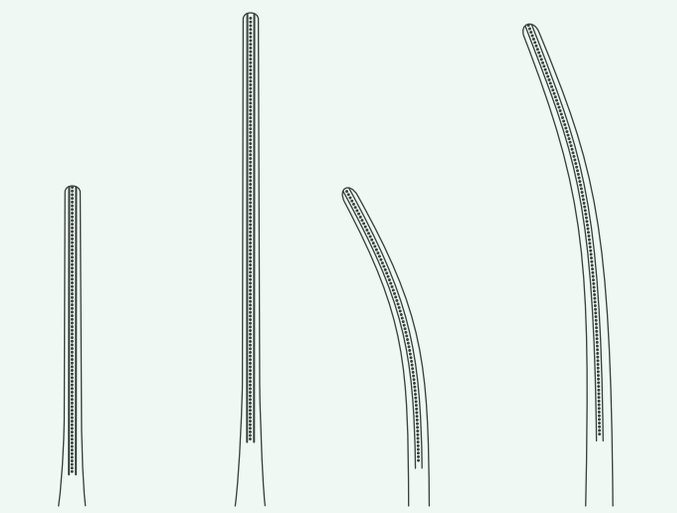


Leland-Jones

10-260-18	10-261-19	10-262-20
18 cm - 7”	19 cm - 7 ½”	20 cm - 8”

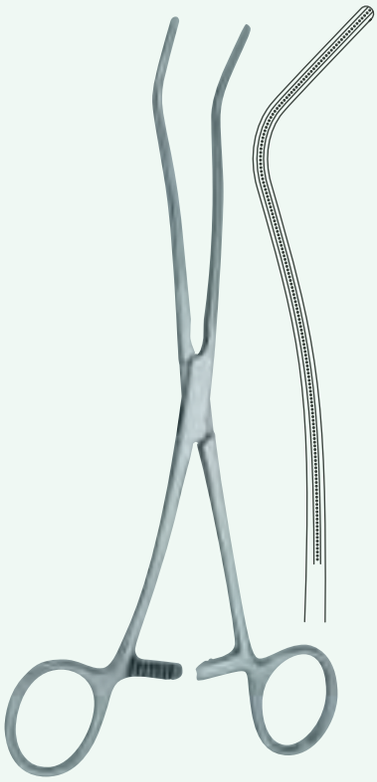
10-263-19	10-264-20
19 cm - 7 ½”	20 cm - 8”





Bainbridge, light

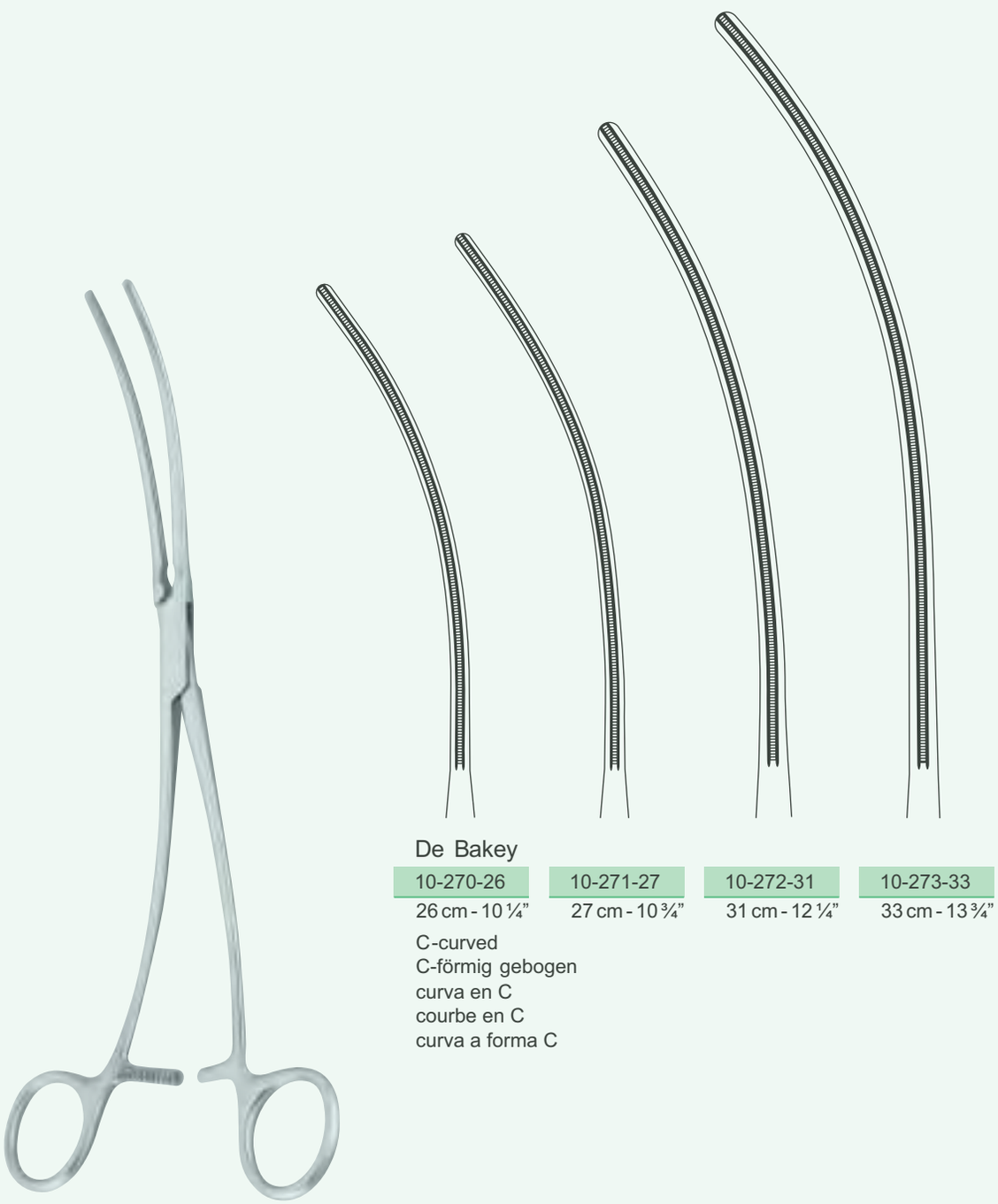
10-265-15	10-266-18	10-267-15	10-268-18
15 cm 6”	18 cm 7”	15 cm 6”	18 cm 7”



De Bakey

10-269-20

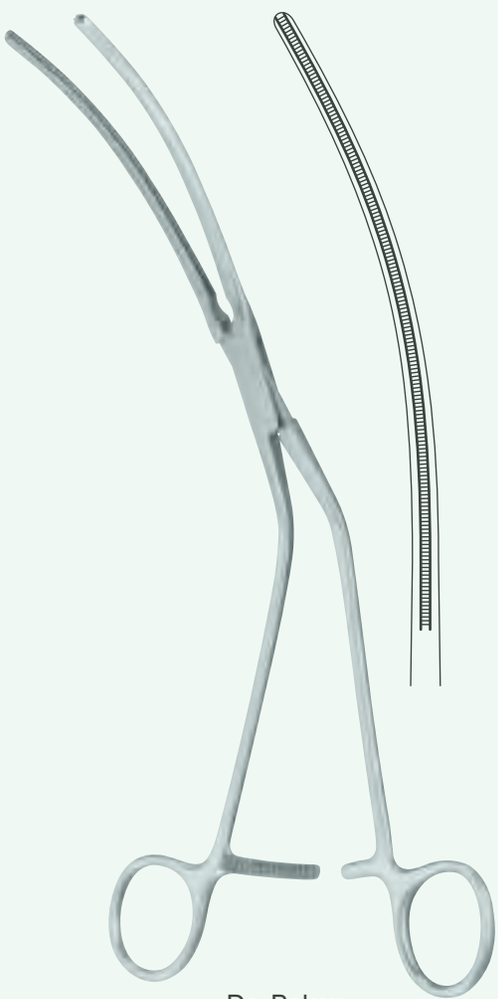
20 cm - 8”
S-curved
S-förmiggebogen
curva en S
courbe en S
curva a forma S



De Bakey

10-270-26	10-271-27	10-272-31	10-273-33
26 cm - 10 ¼”	27 cm - 10 ¾”	31 cm - 12 ¼”	33 cm - 13 ¾”

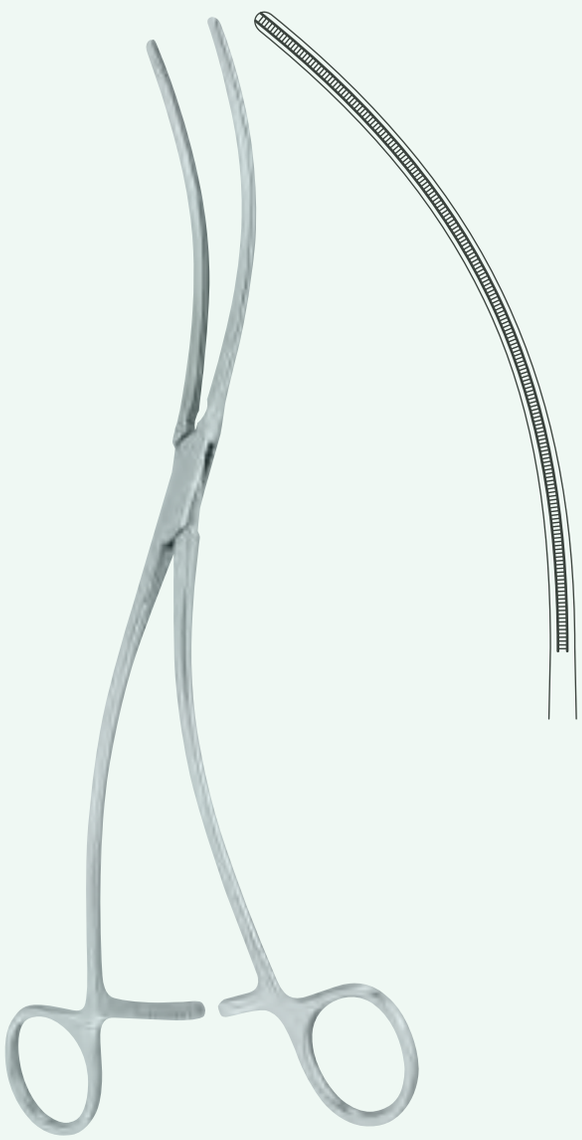
C-curved
C-förmig gebogen
curva en C
courbe en C
curva a forma C



De Bakey

10-274-28

28 cm - 11”

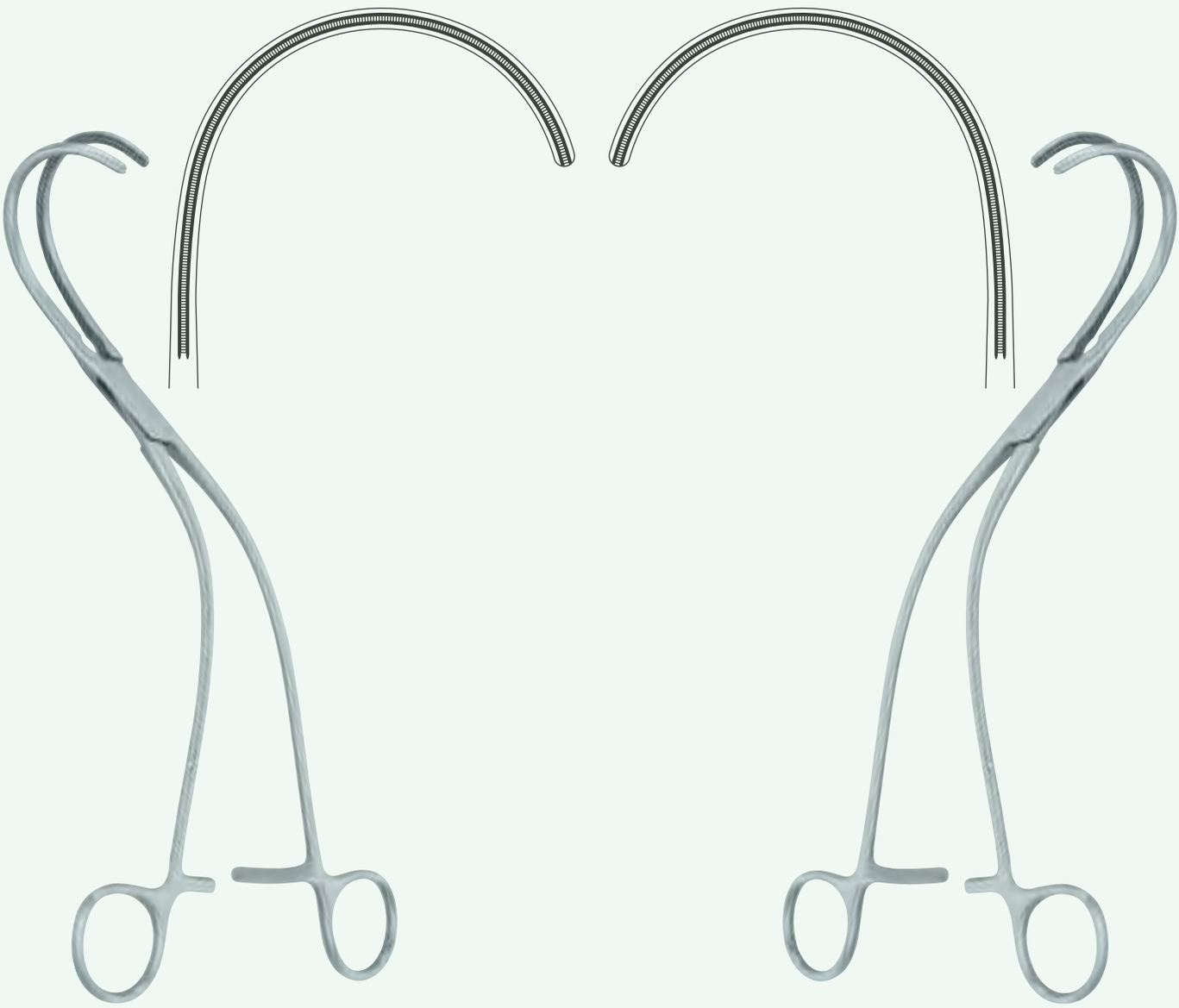


Brixton

10-275-30

30 cm - 11 ¾”

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

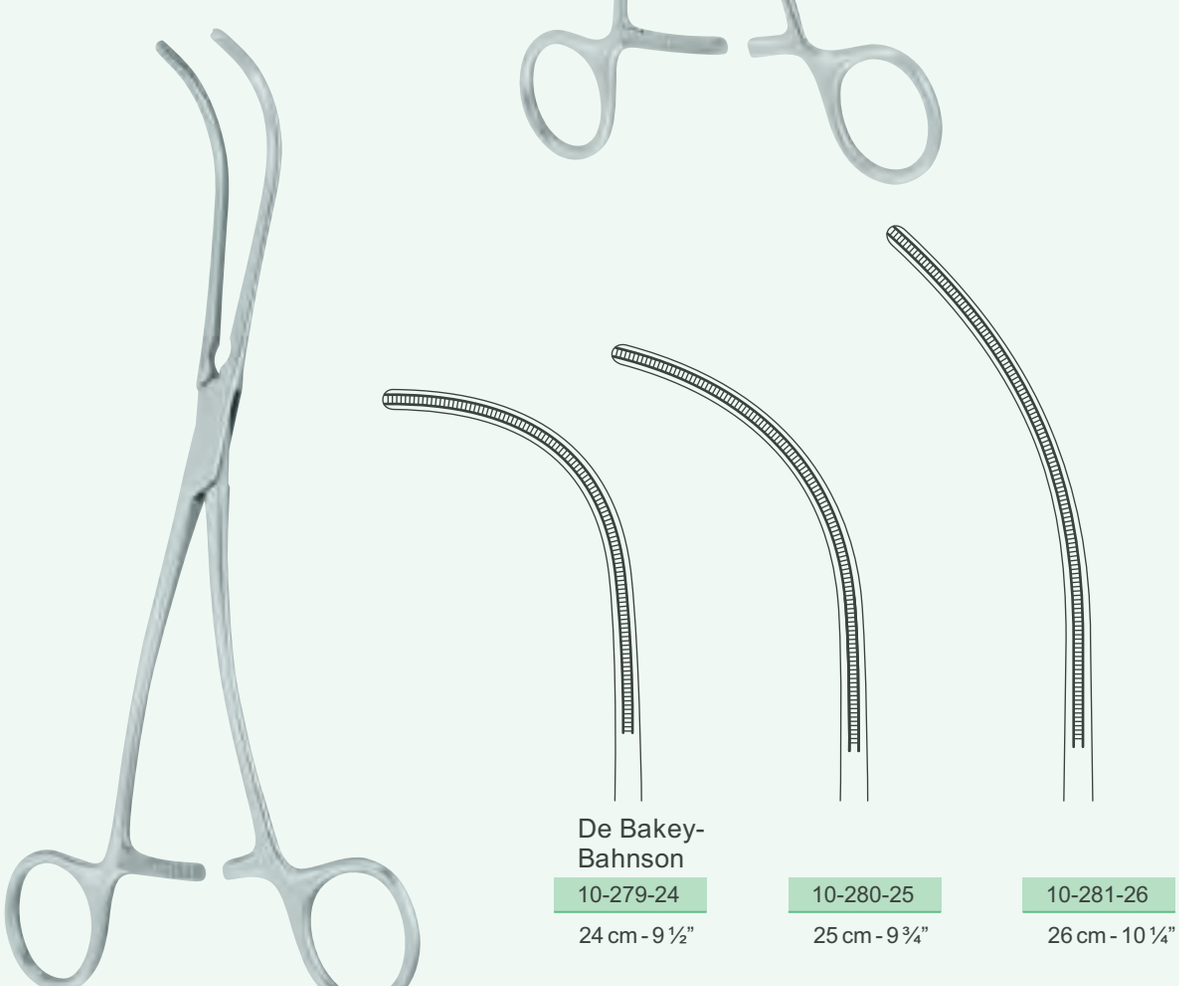


Weber
10-276-26
26 cm - 10 ¼”
curved left
links gebogen
curva a la izquierda
courbe à gauche
curvata a sinistra

Weber
10-277-26
26 cm - 10 ¼”
curved right
rechts gebogen
curva a la derecha
courbe à droite
curvata a destra



De Bakey
10-278-27
27 cm - 10 ¾”

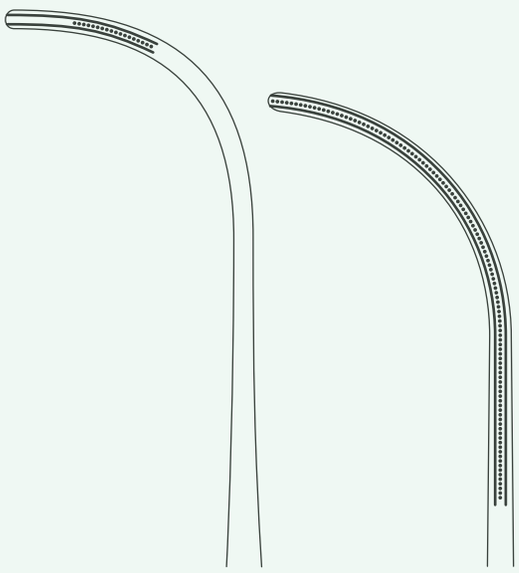


De Bakey-Bahnson
10-279-24
24 cm - 9 ½”

10-280-25
25 cm - 9 ¾”

10-281-26
26 cm - 10 ¼”

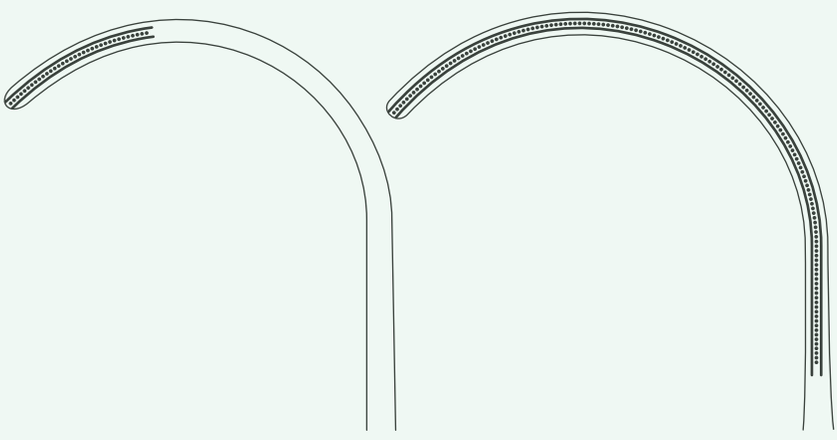




De Bakey-Semb

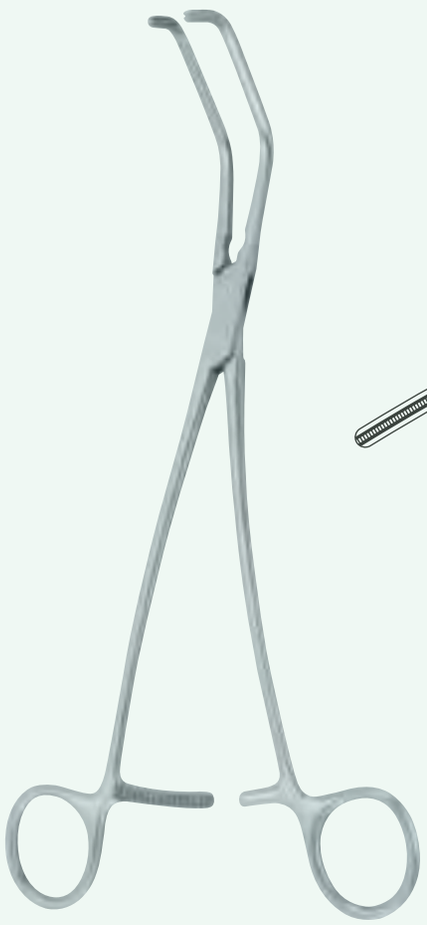
10-282-24	10-283-24	24 cm - 9 ½”

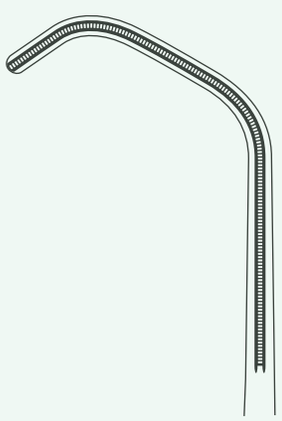




De Bakey

10-284-25	10-285-26
25 cm - 10”	26 cm - 10 ¼”

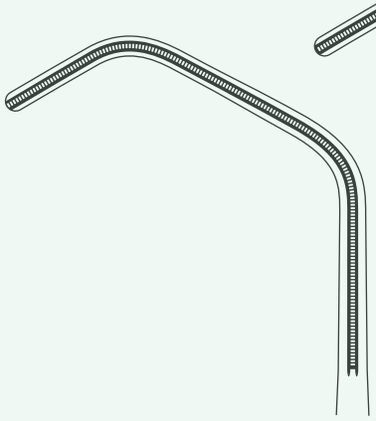




Satinsky-
De Bakey

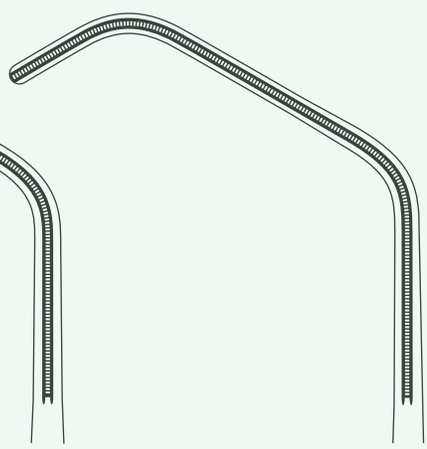
10-286-20

20.5 cm - 8”



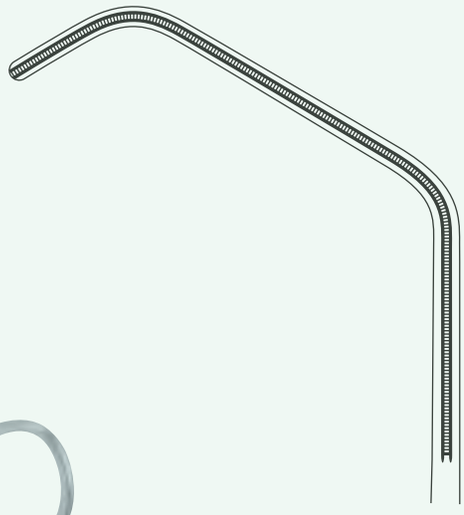
10-287-24

24 cm - 9 ¾”



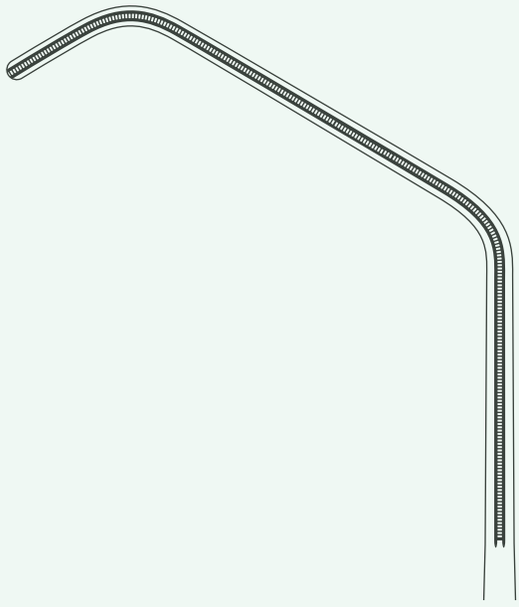
10-288-25

25 cm - 10”



10-289-26

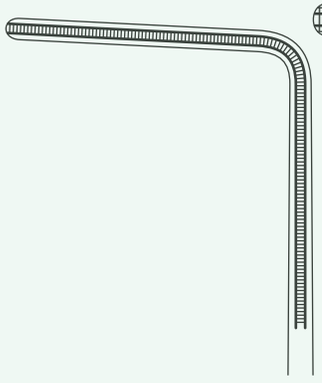
26.5 cm - 10 ½”



10-290-27

27.5 cm - 10 ¾”

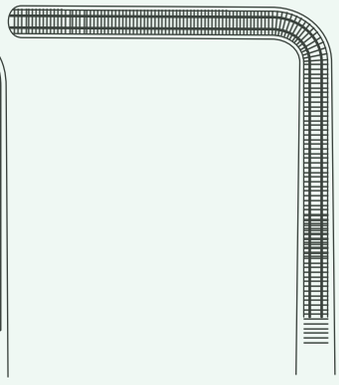




Lees

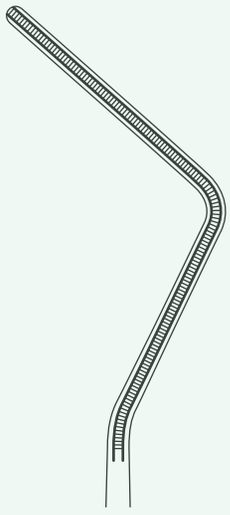
10-291-23

23 cm - 9”



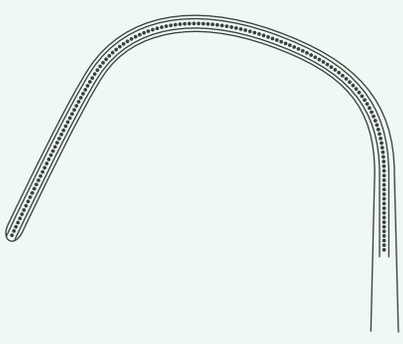
10-292-25

25 cm - 9 ¾”



10-293-25

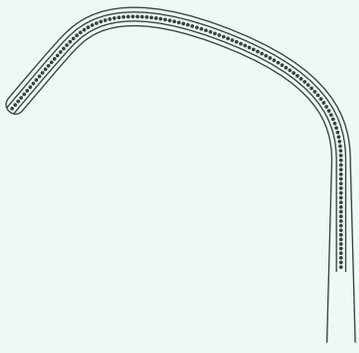
25 cm - 9 ¾”



Lambert-Kay

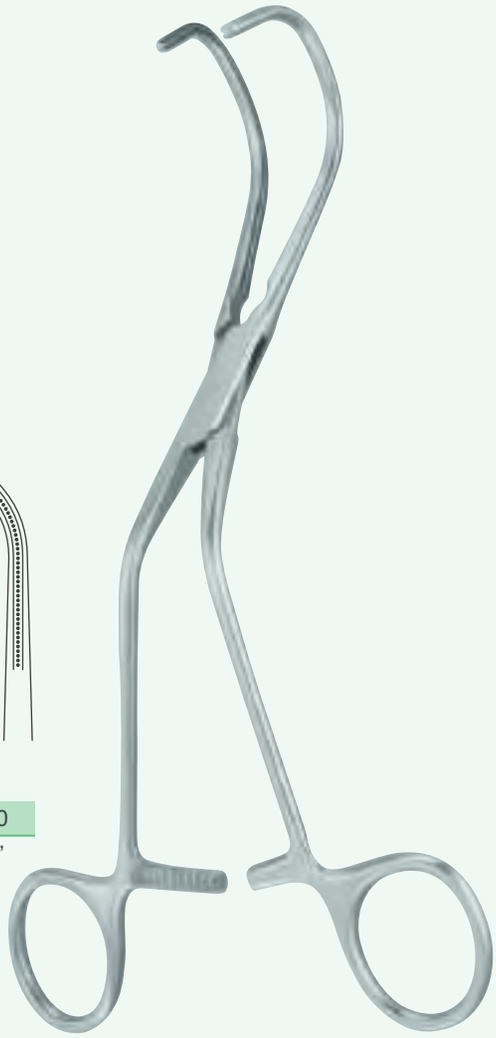
10-294-20

20 cm - 8”

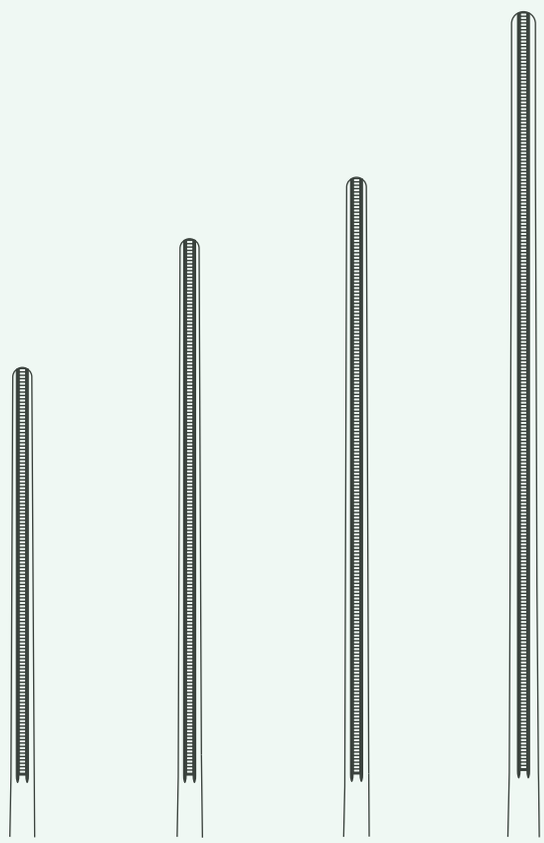


10-295-00

20 cm - 8”

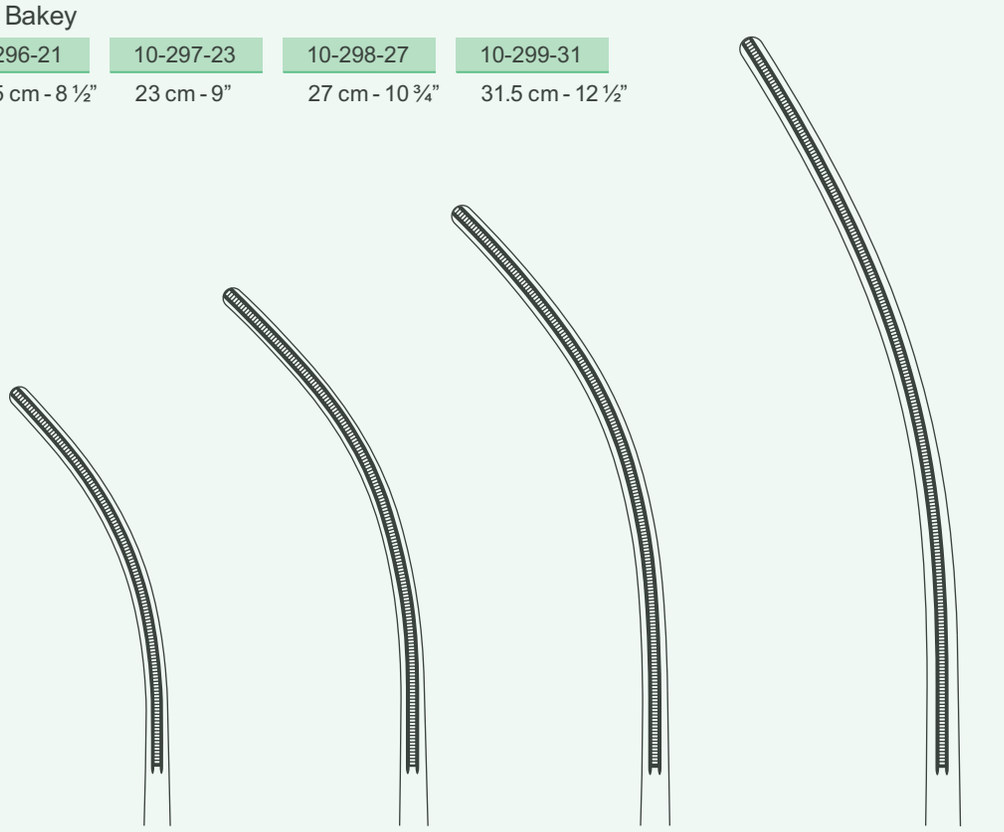




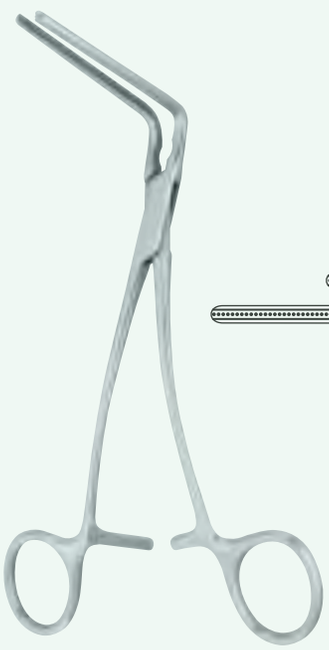


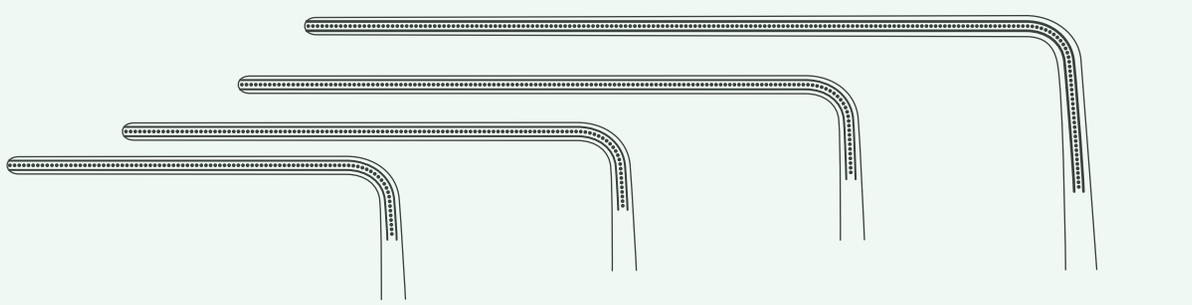
De Bakey

10-296-21	10-297-23	10-298-27	10-299-31
21.5 cm - 8 ½”	23 cm - 9”	27 cm - 10 ¾”	31.5 cm - 12 ½”



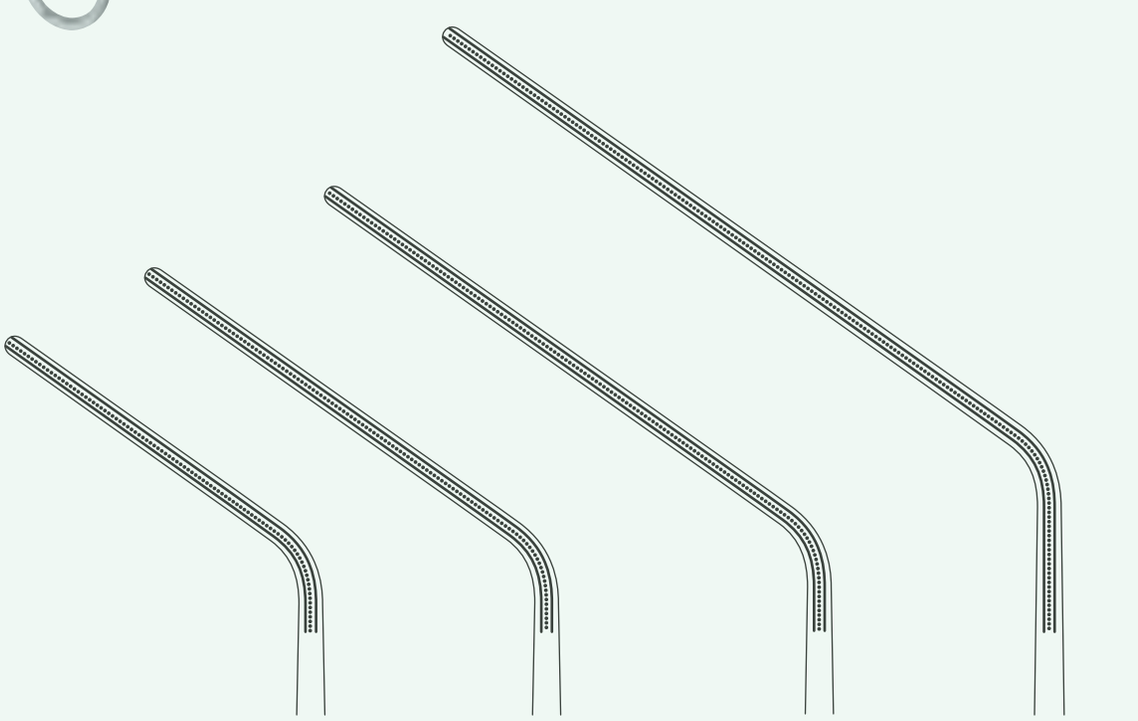
10-300-21	10-301-23	10-302-27	10-303-31
21.5 cm - 8 ½”	23 cm - 9”	27 cm - 10 ¾”	31.5 cm - 12 ½”





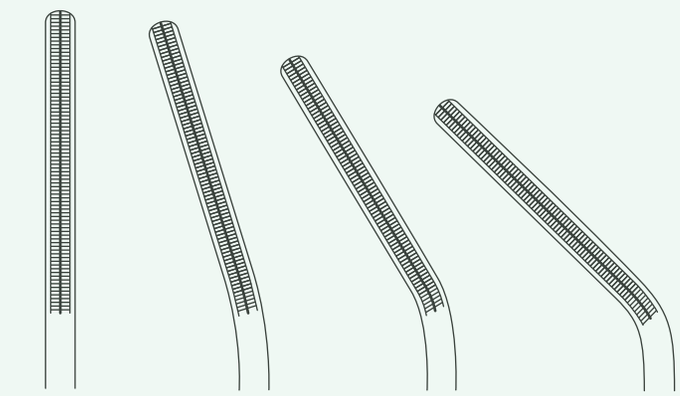
De Bakey

10-304-18	10-305-19	10-306-23	10-307-27
18 cm - 7”	19 cm - 7 ½”	23 cm - 9”	27 cm - 10 ¾”



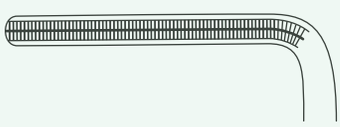
10-308-20	10-309-21	10-310-25	10-311-30
20 cm - 8”	21 cm - 8 ¼”	25 cm - 9 ¾”	30 cm - 12”



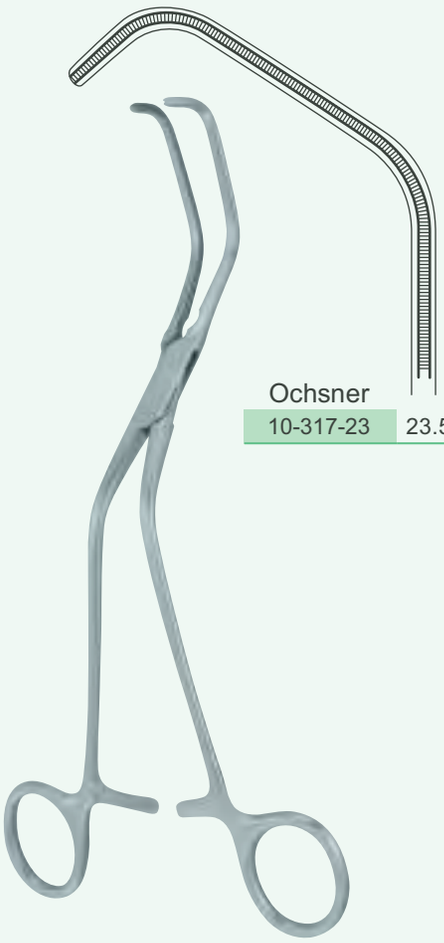


Dardik

10-312-17	10-313-17	10-314-17	10-315-17	17 cm - 6 ¾”
0°	15°	30°	45°	

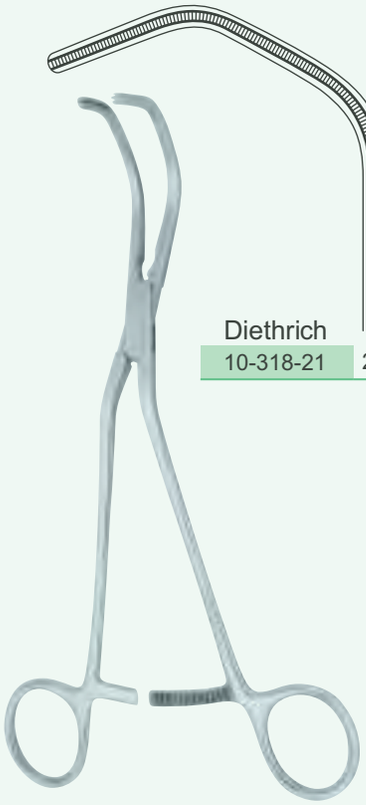


10-316-16	16 cm - 6 ¼”
90°	



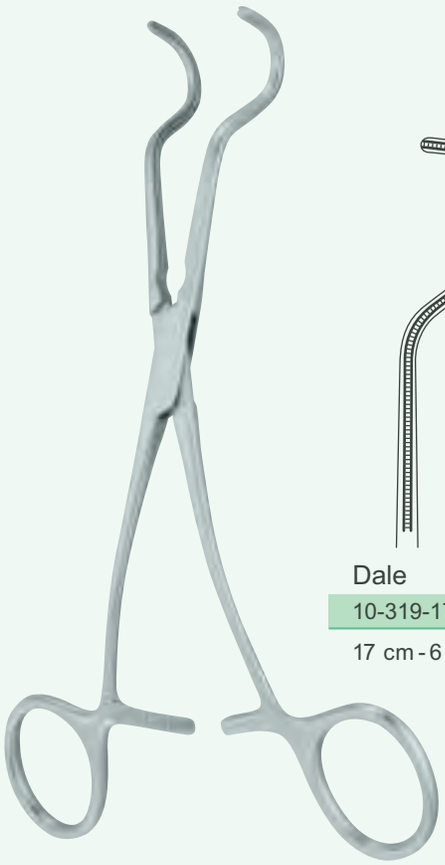
Ochsner

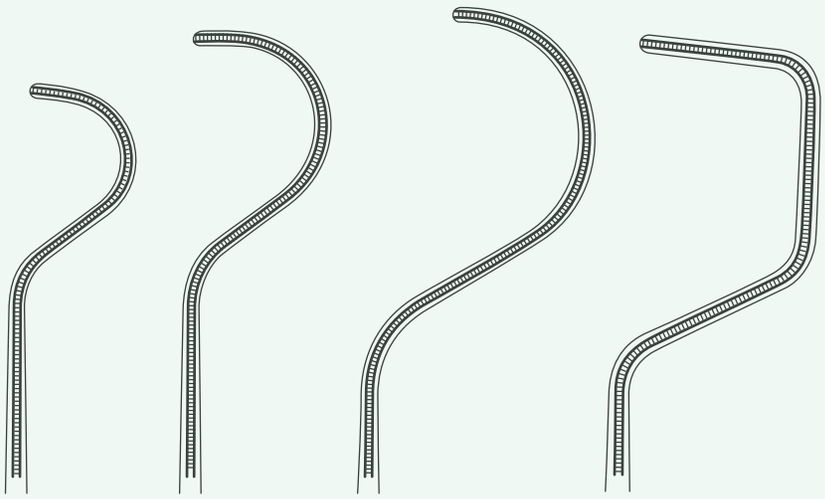
10-317-23	23.5 cm - 9 ¼”



Diethrich

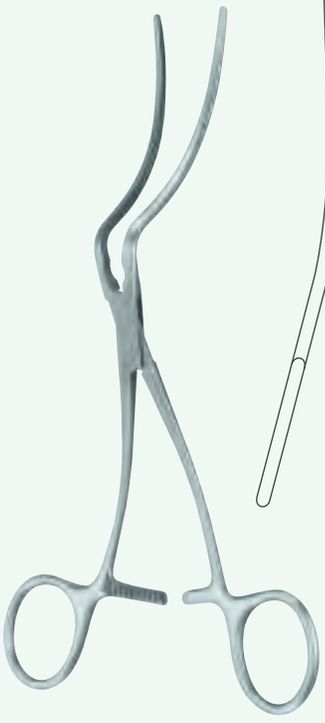
10-318-21	21 cm - 8 ¼”





Dale

10-319-17	10-320-17	10-321-18	10-322-18
17 cm - 6 ¾”	17.5 cm - 7”	18.5 cm - 7 ¼”	18.5 cm - 7 ¼”

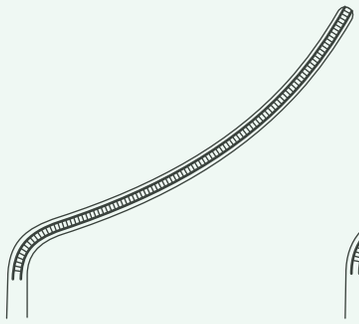


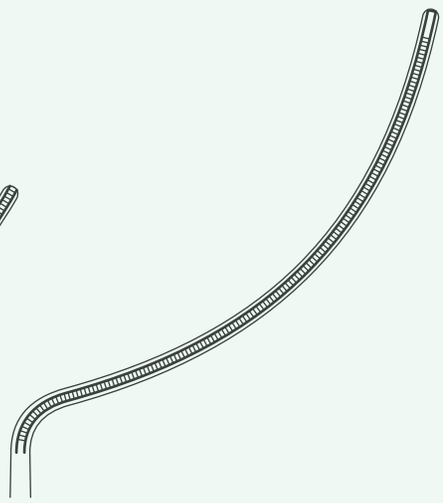


De Bakey-Wylie

10-323-16

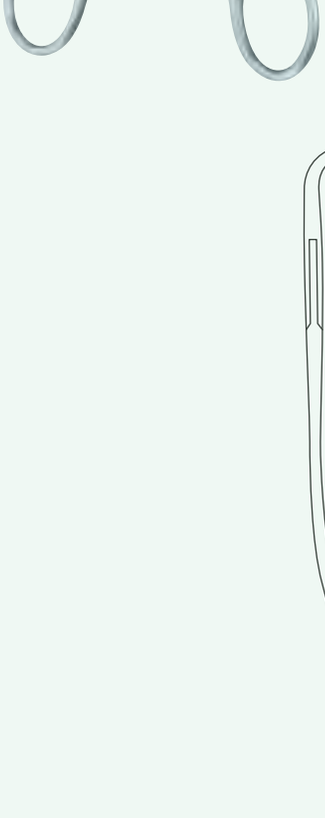
16 cm - 6 ¼”

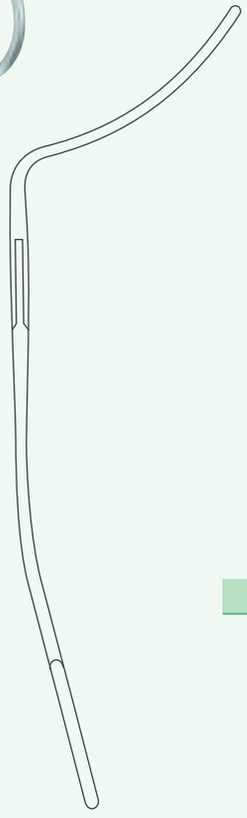




10-324-18

18 cm - 7”

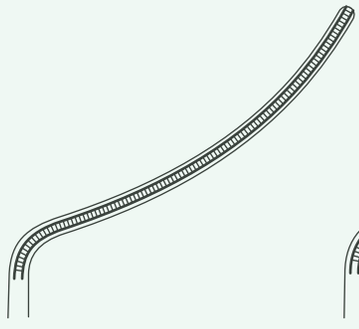


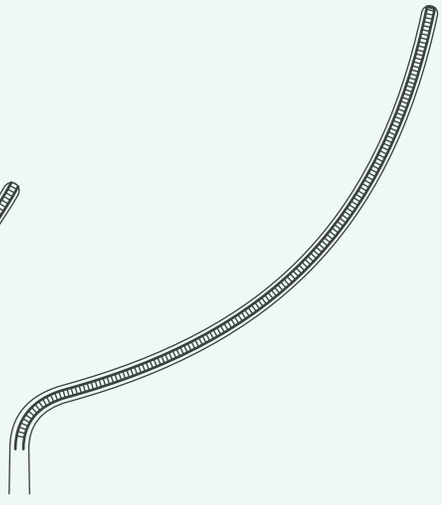


De Bakey-Wylie

10-325-17

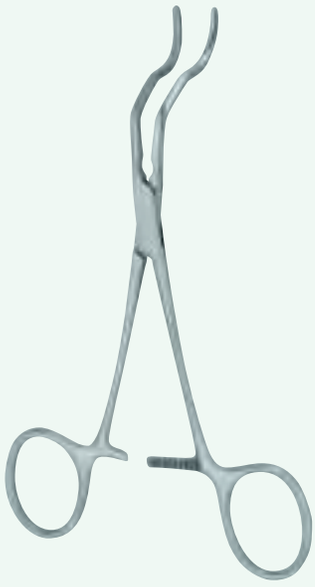
17 cm - 6 ¾”

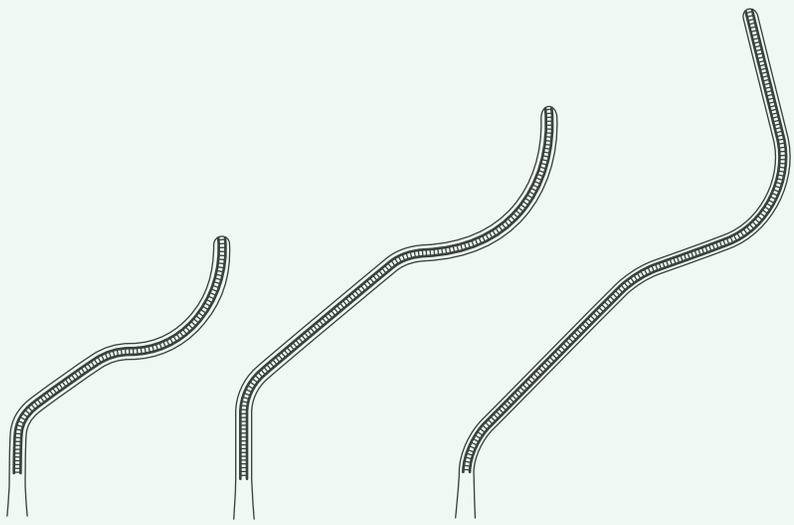




10-326-20

20 mm - 8”

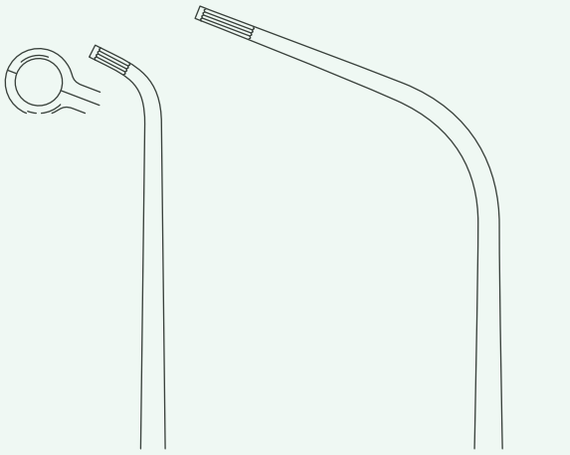




Gregory

10-327-14	10-328-16	10-329-18
14 cm - 5 ½"	16 cm - 6 ¼"	18 cm - 7"

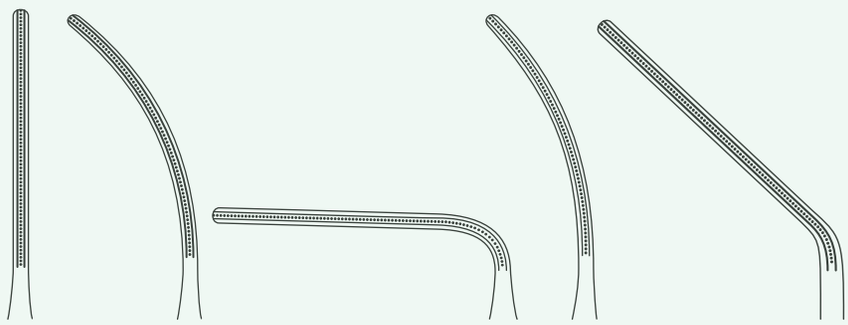




Javid

10-330-16	10-331-19
16 cm - 6 ¼"	19 cm - 7 ½"

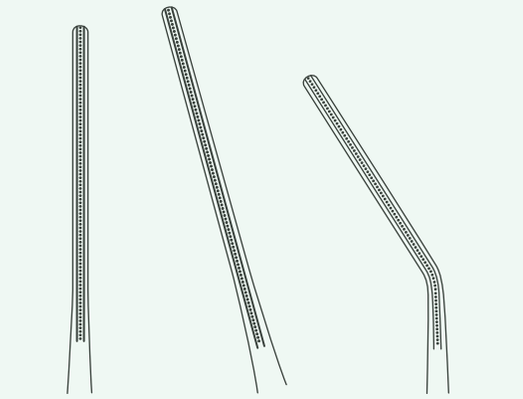




De Bakey

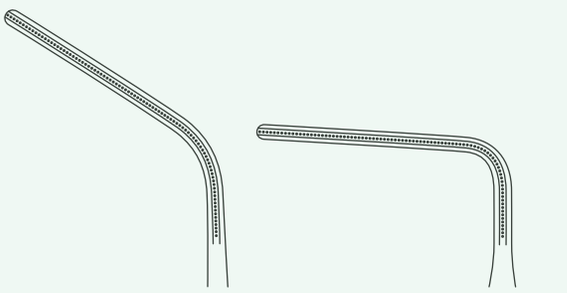
10-332-12	10-333-11	10-334-10	10-335-12	10-336-13
12 cm - 4 ¾"	11 cm - 4 ¼"	10 cm - 4"	12 cm - 4 ¾"	13 cm - 5"





De Bakey

10-337-17	10-338-17	10-339-16
17 cm - 6 ¾"	17 cm - 6 ¾"	16 cm - 6 ¼"



10-340-15	10-341-14
15 cm - 6"	14 cm - 5 ½"

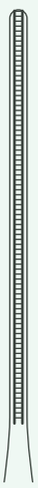




Glover

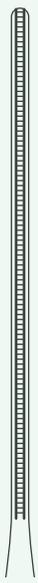
10-342-20

20.5 cm - 8"



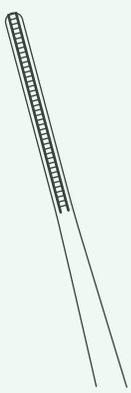
10-343-22

22 cm - 8 ¾”



10-344-26

26 cm - 10 ¼”

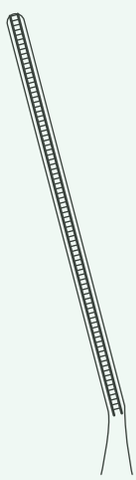


Glover

10-345-20

20.5 cm - 8”

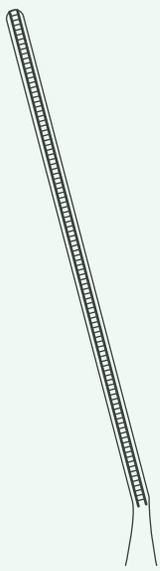
angled on flat
abgewinkelt
angulado
coudé sur le plat
angolato



10-346-22

22 cm - 8 ¾”

angled on flat
abgewinkelt
angulado
coudé sur le plat
angolato



10-347-26

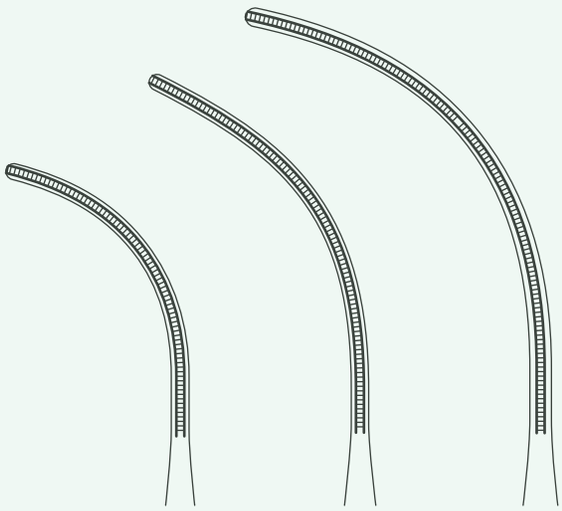
26 cm - 10 ¼”

angled on flat
abgewinkelt
angulado
coudé sur le plat
angolato



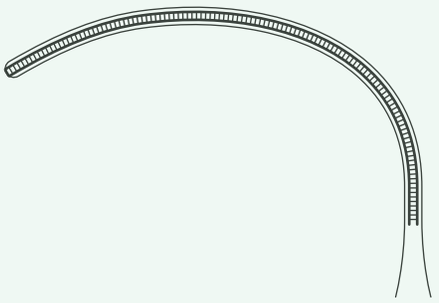
Glover

10-348-17
17 cm - 6 ¾”

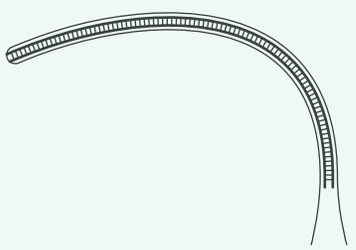


10-349-21
21 cm - 8 ¼”

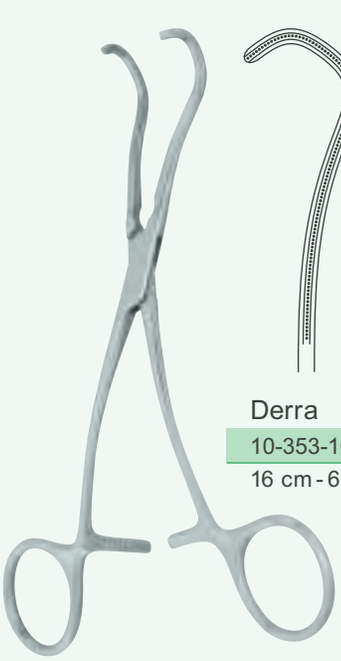
10-350-24
24 cm - 9 ½”



10-351-22
22 cm - 8 ¾”

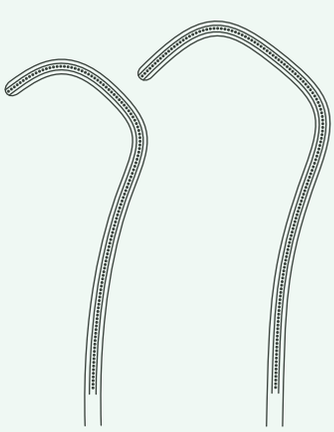


10-352-18
18.5 cm - 7 ¼”



Derra

10-353-16
16 cm - 6 ¼”



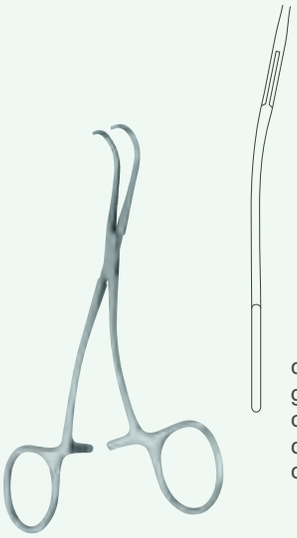
10-354-17
17 cm - 6 ¾”

10-355-18
18 cm - 7”

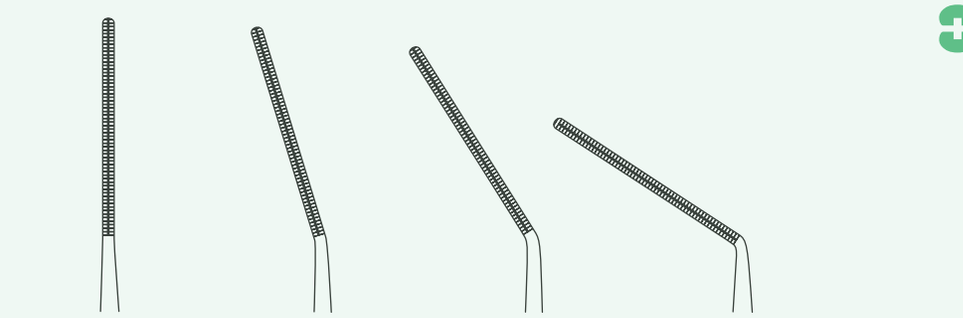


Beck

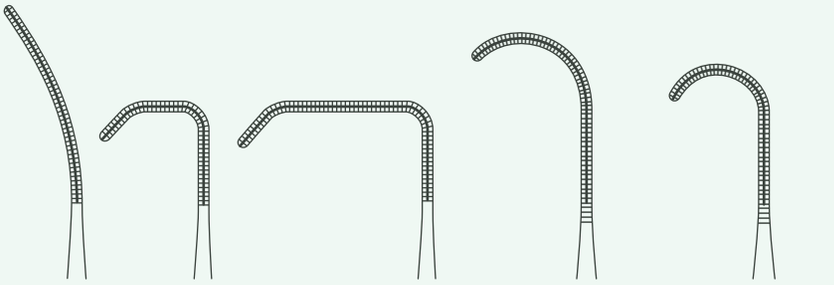
10-356-17
17 cm - 6 ¾”



curved
gebogen
curva
courbe
curve



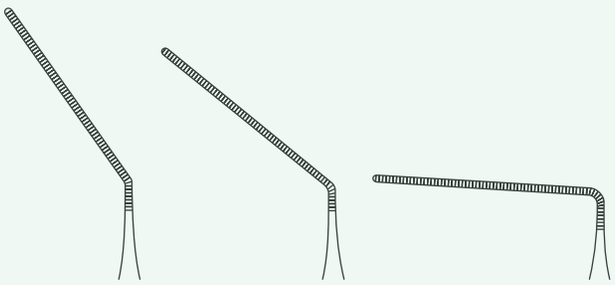
10-357-11 Fig.1 | 10-358-11 Fig.2 | 10-359-11 Fig.3 | 10-360-11 Fig.4 — 11.5 cm 4 ½"



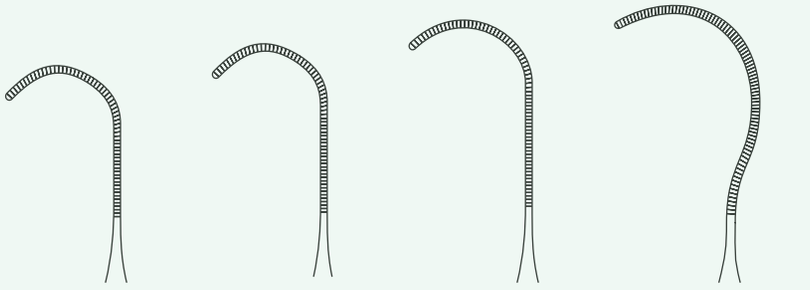
10-361-11 Fig.5 | 10-362-11 Fig.6 | 10-363-11 Fig.7 | 10-364-11 Fig.8 | 10-365-11 Fig.9



Castañeda

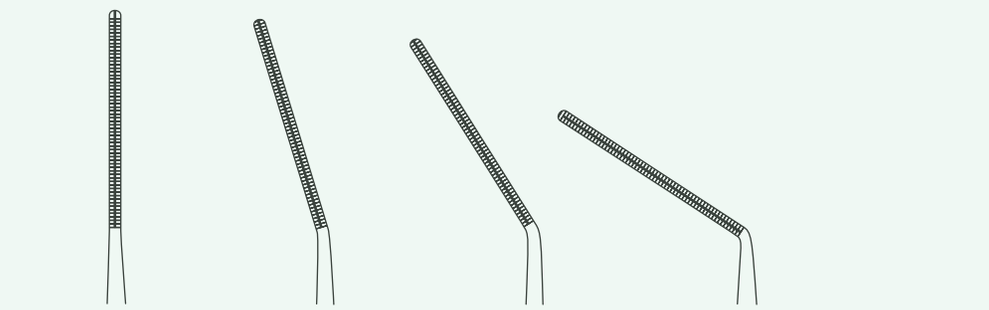


10-366-13 — 13 cm - 5"
10-367-13 — 13 cm - 5"
10-368-11 — 11 cm - 4 ¼"

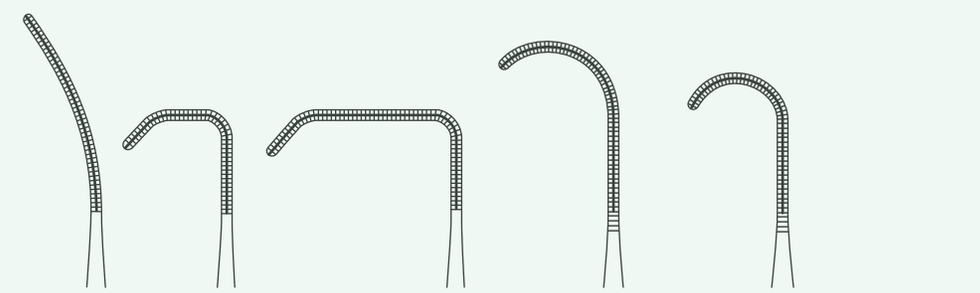


10-369-12 — 12 cm - 4 ¾"
10-370-12 — 12 cm - 4 ¾"
10-371-12 — 12 cm - 4 ¾"
10-372-15 — 15 cm - 6"





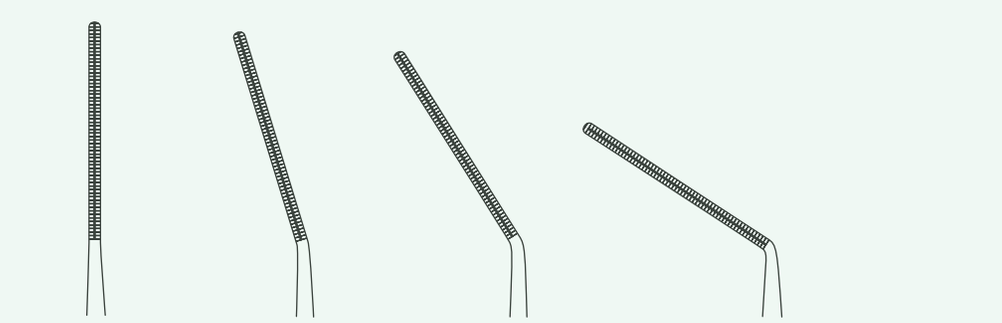
10-373-11	10-374-11	10-375-11	10-376-11	11.5 cm - 4 ½"
Fig.1	Fig.2	Fig.3	Fig.4	



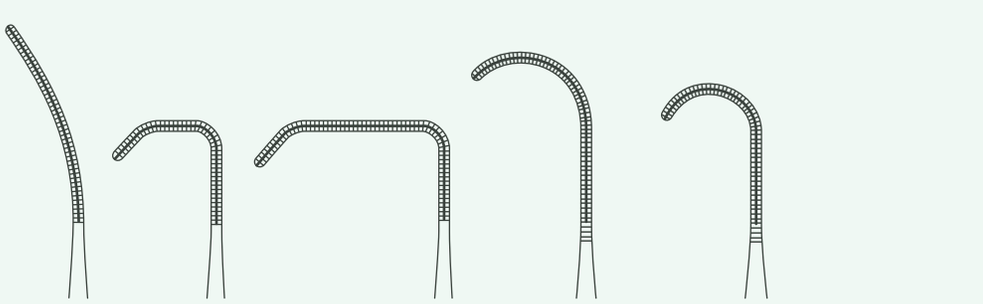
10-377-11	10-378-11	10-379-11	10-380-11	10-381-11	11.5 cm - 4 ½"
Fig.5	Fig.6	Fig.7	Fig.8	Fig.9	



angled on flat
abgewinkelt
anulado
coudé sur le plat
angolato

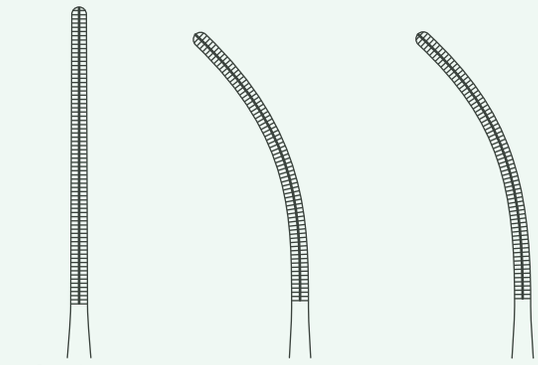


10-382-11	10-383-11	10-384-11	10-385-11	11.5 cm - 4 ½"
Fig.1	Fig.2	Fig.3	Fig.4	



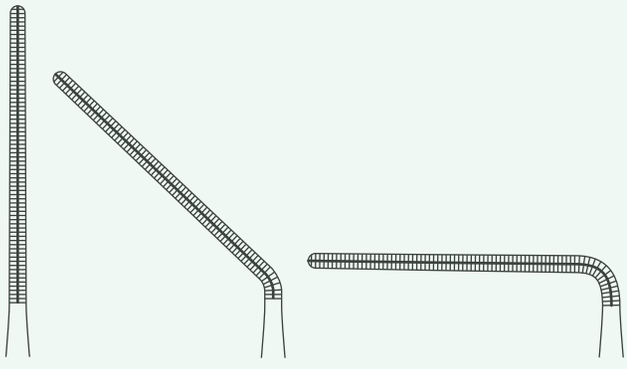
10-386-11	10-387-11	10-388-11	10-389-11	10-390-11	11.5 cm - 4 ½"
Fig.5	Fig.6	Fig.7	Fig.8	Fig.9	





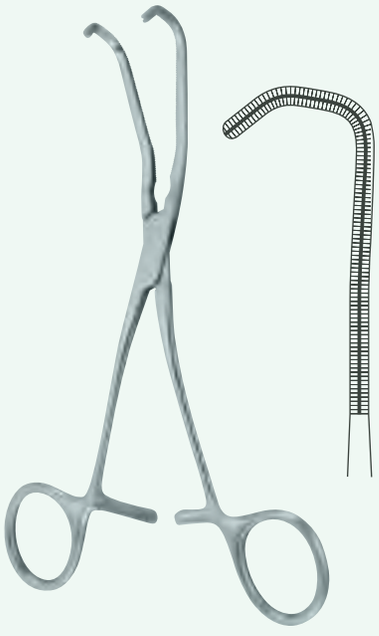
Cooley

10-391-12	10-392-22	10-393-22 12 cm - 4 ¾”
straight	curved	S-curved
gerade	gebogen	S-förmig gebogen
recta	curva	curva en S
droit	courbe	courbe en S
retta	curva	curva a forma S



Cooley

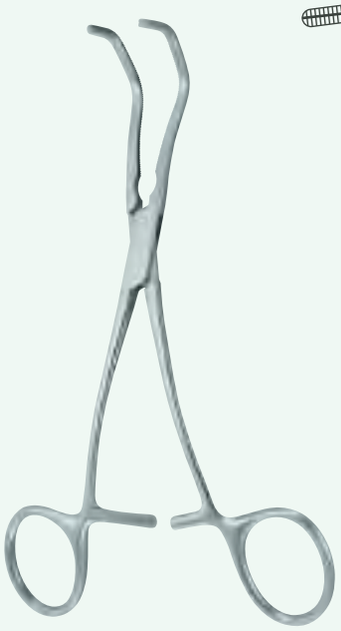
10-394-12	10-396-12	10-397-12 12 cm - 4 ¾”
sidewards angled	angled on flat	90° angled on flat
seitlich gewinkelt	abgewinkelt	90° abgewinkelt
angulado al lado	angulado	90° angulado
coudé vers la coté	coudé sur le plat	90° coudé sur le plat
angolata lateralmente	angolato	90° angolato

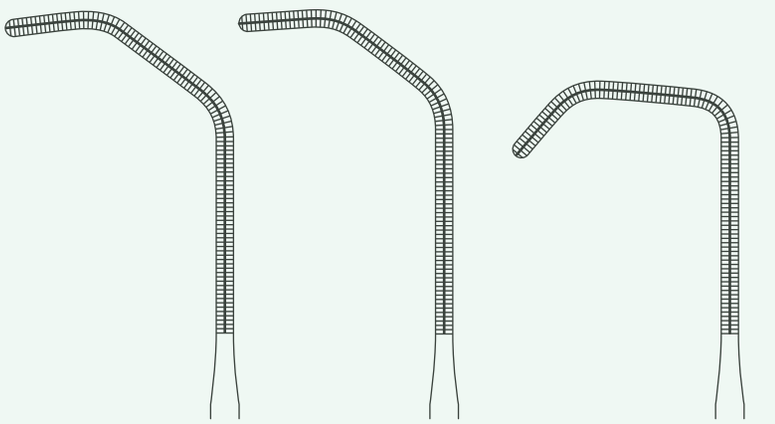


Cooley

10-398-17 17 cm - 6 ¾”

sidewards angled
seitlich abgewinkelt
angulado al lado
coudé vers la coté
angolata lateralmente



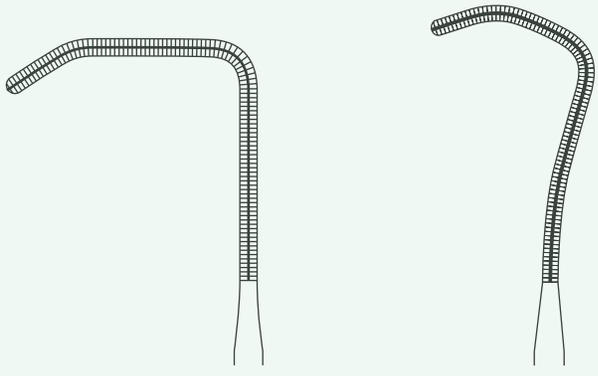


Cooley

10-399-17
17.5 cm - 7”

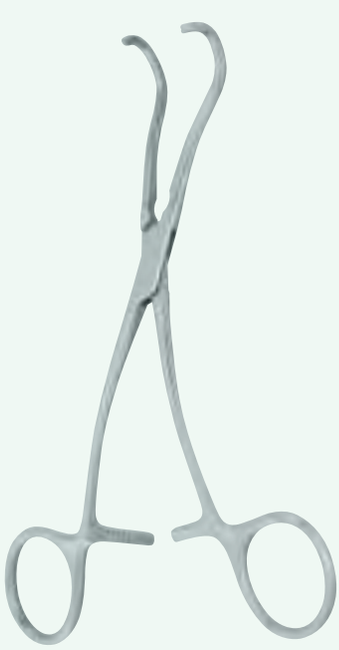
10-400-17
17.5 cm - 7”

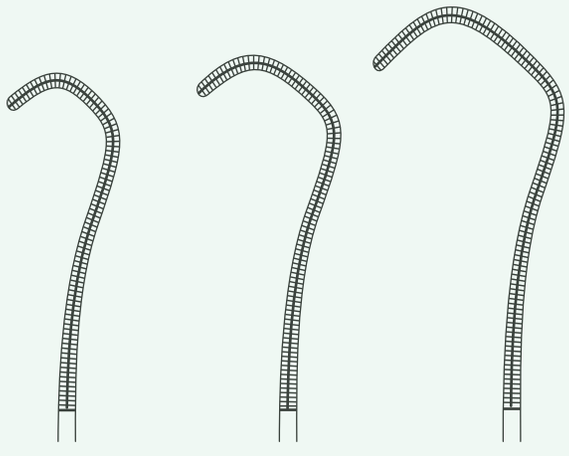
10-401-16
16.5 cm - 6 ½”



10-402-16
16.5 cm - 6 ½”

10-403-17
17 cm - 6 ¾”





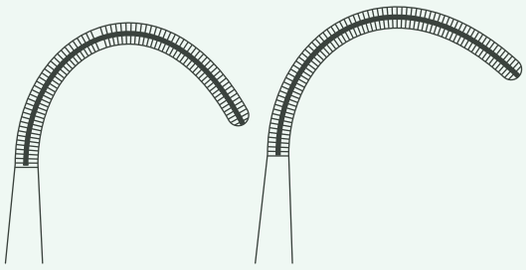
Cooley- Derra

10-404-16
16.5 cm - 6 ½”

10-405-17
17 cm - 6 ¾”

10-406-17
17.5 cm - 7”



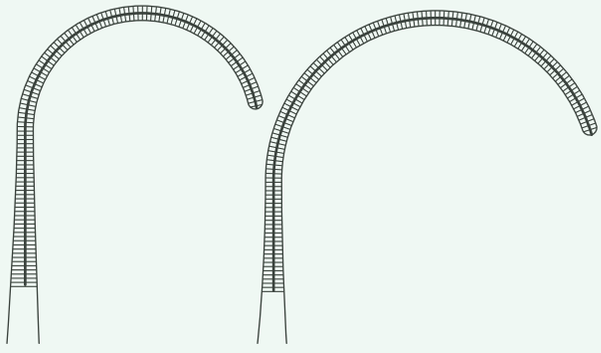


Cooley- Beck

10-407-15
15 cm - 6”

10-408-15
15.5 cm - 6”

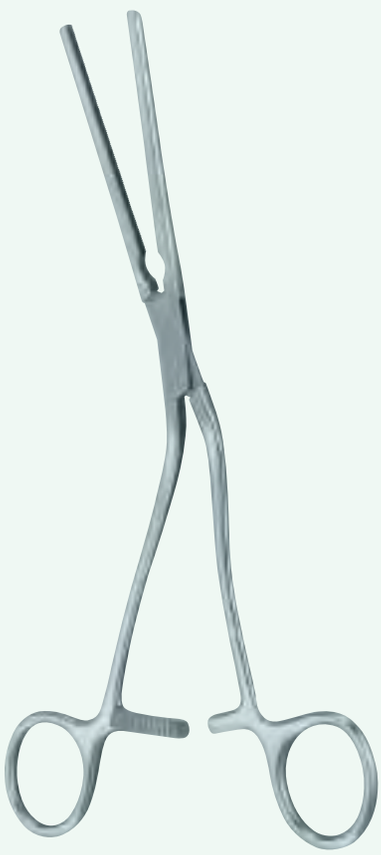


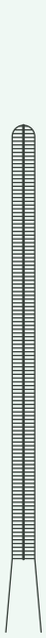


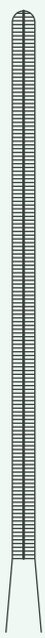
Cooley

10-409-15
15 cm - 6”

10-410-16
16 cm - 6 ¼”







Cooley

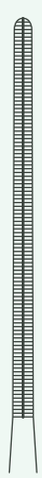
10-411-21

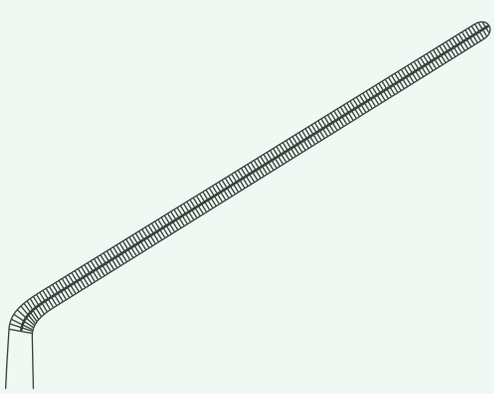
21 cm - 8 ¼”
sidewards angled on flat
seitwärts abgewinkelt
angulado al lado
coudé vers la coté
angolata lateralmente

10-412-25

25 cm - 9 ¾”
sidewards angled on flat
seitwärts abgewinkelt
angulado al lado
coudé vers la coté
angolata lateralmente







Cooley

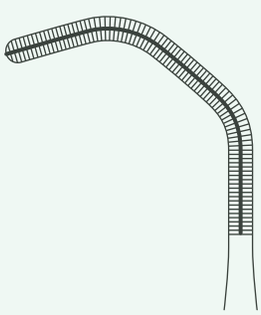
10-413-18

18 cm - 7”
straight
gerade
recta
droite
retta

10-414-18

18.5 cm - 7 ¼”
angled on flat
abgewinkelt
angulado
coudé sur le plat
angolata

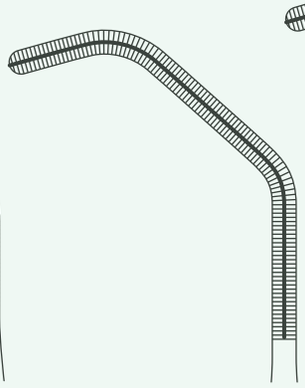




Cooley-
Tangential

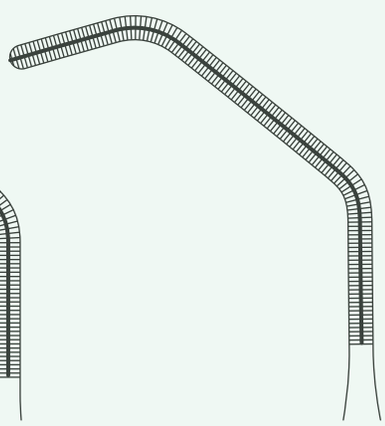
10-415-19

19.5 cm - 7 ¾”



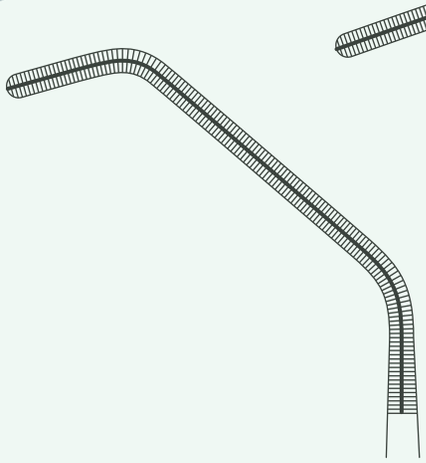
10-416-25

25.5 cm - 10”



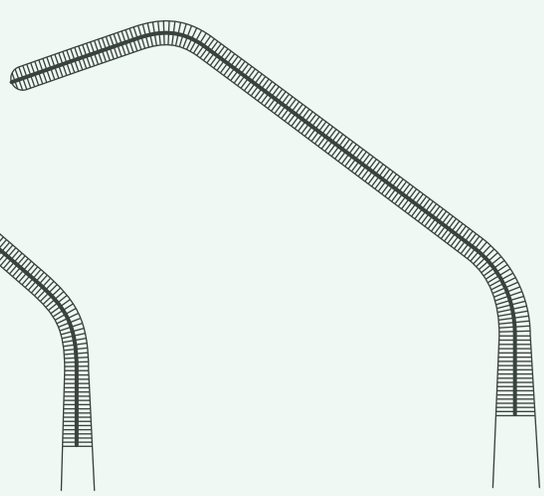
10-417-26

26 cm - 10 ¼”



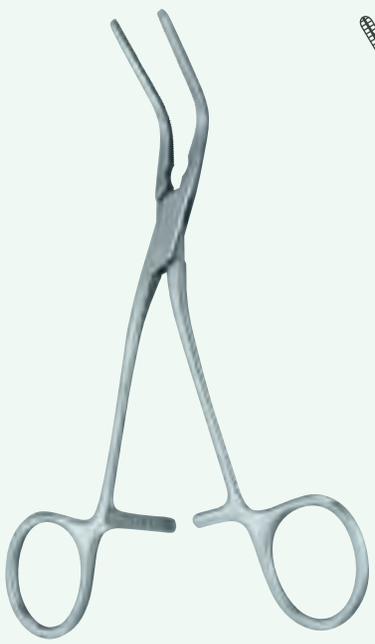
10-418-26

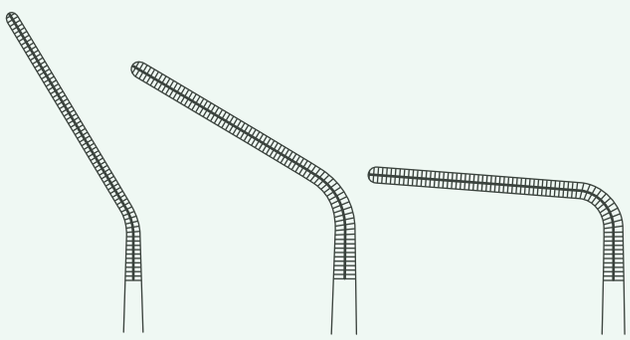
26.5 cm - 10 ½”



10-419-27

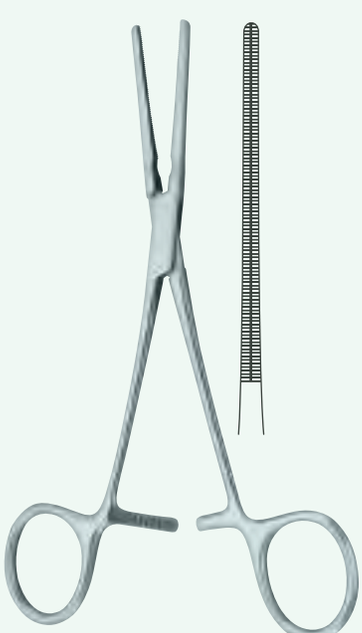
27 cm - 10 ¾”

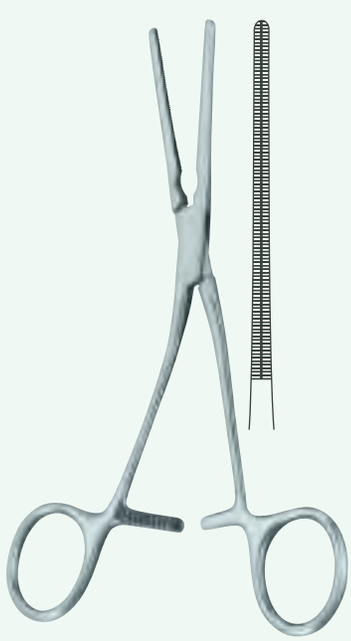




Cooley

10-420-16	10-421-16	10-422-14
16.5 cm - 6 ½” 25°	16 cm - 6 ¼” 45°	14.5 cm - 5 ¾” 90°

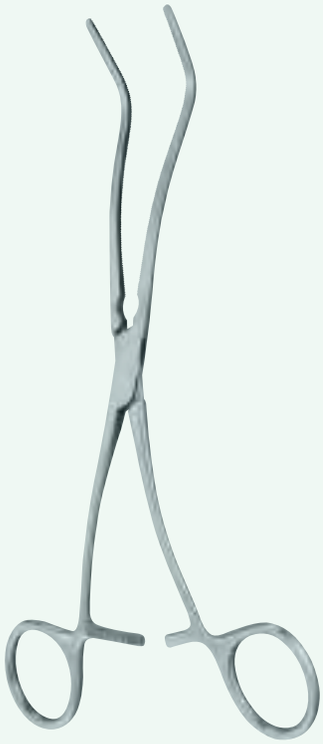


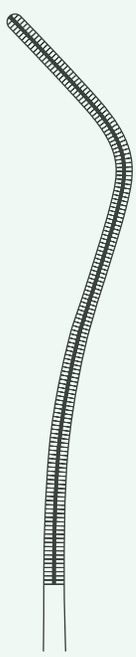


Cooley
Patent Ductus Clamp

10-423-16	10-424-16 16 cm - 6 ¼”
10-423-17	10-424-17 17 cm - 6 ¾”
10-423-20	10-424-20 20 cm - 8”
10-423-21	10-424-21 21 cm - 8 ¼”
10-423-23	10-424-23 23 cm - 9”

angled on flat, graduated
abgewinkelt, graduiert
angulada, graduada
coudée sur le plat, graduée
angolata, graduata

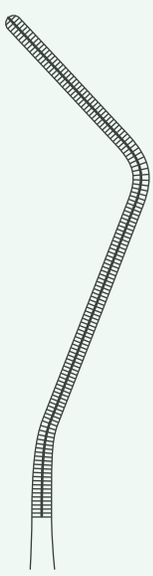




Cooley

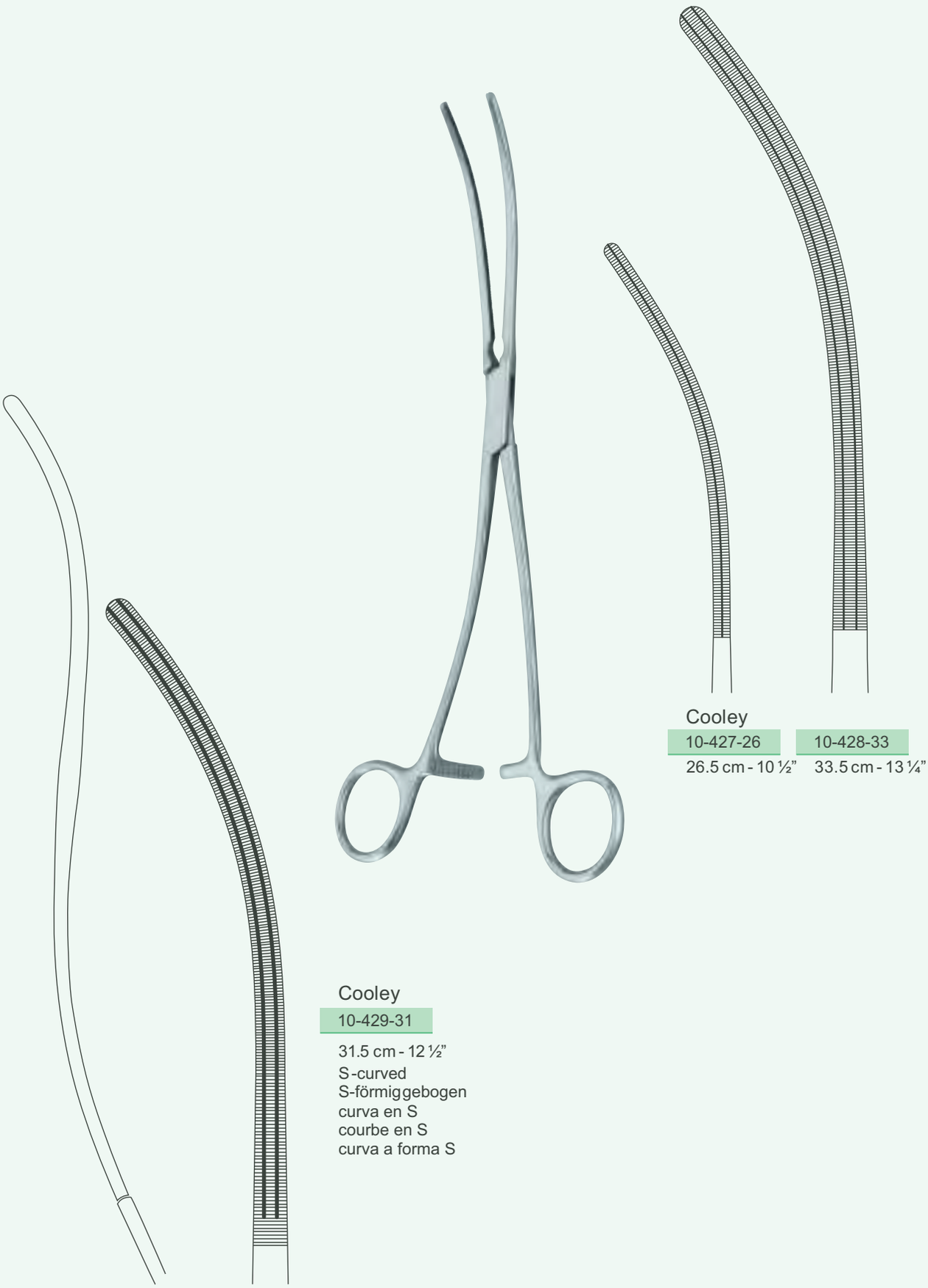
10-425-20

20 cm - 8”



10-426-19

19.5 cm - 7 ¾”



Cooley
10-427-26
26.5 cm - 10 ½”

10-428-33
33.5 cm - 13 ¼”

Cooley
10-429-31
31.5 cm - 12 ½”
S-curved
S-förmig gebogen
curva en S
courbe en S
curva a forma S



De Bakey

10-430-19	10-431-19	10-432-19	10-433-19	10-434-19	10-435-19	19 cm - 7 ½”
10-430-35	10-431-35	10-432-35	10-433-35	10-434-35	10-435-35	35 cm - 13 ¾”
0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	2.5 mm Ø	3.0 mm Ø	
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	



10-436-19	10-437-19	10-438-19	10-439-19	10-440-19	10-441-19	19 cm - 7 ½”
10-436-35	10-437-35	10-438-35	10-439-35	10-440-35	10-441-35	35 cm - 13 ¾”
3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	7.0 mm Ø	9.0 mm Ø	
Fig. 7	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12	

malleable
biegsam
maleable
malléable
flessibile

10-430-00 Set of 12, Fig. 1 to Fig. 12
19 cm - 7 ½”



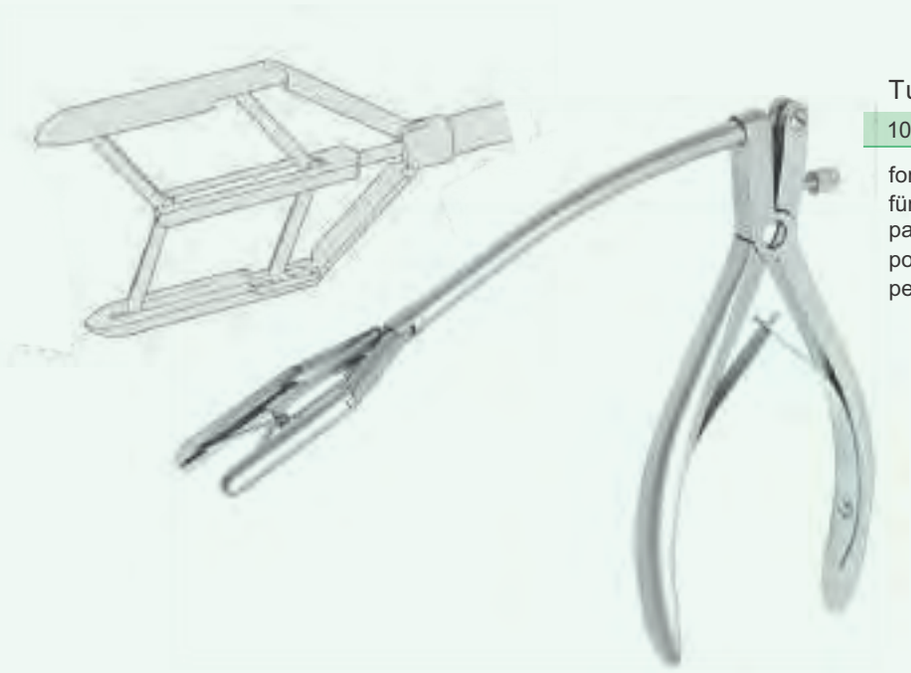
Cooley

10-442-13	10-443-13	10-444-13	10-445-13	13 cm - 5”
0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	
Fig. 1	Fig. 2	Fig. 3	Fig. 4	

10-446-19	10-447-19	10-448-19	10-449-19	13 cm - 5”
2.5 mm Ø	3.0 mm Ø	4.0 mm Ø	5.0 mm Ø	
Fig. 5	Fig. 6	Fig. 7	Fig. 8	

malleable
biegsam
maleable
malléable
flessibile

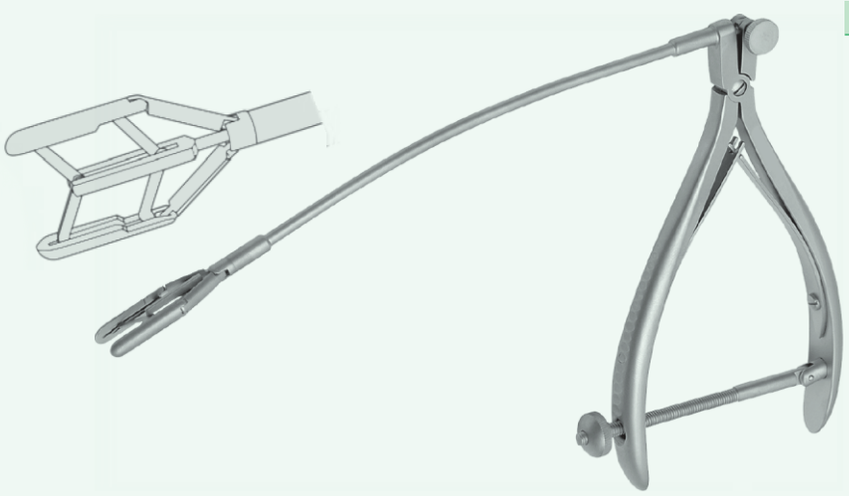
10-442-00	Set of 8, Fig. 1 to Fig. 8
13 cm - 5”	



Tubbs

10-450-00

for adults, blade opening from 8 mm – 42mm
für Erwachsene,Spreizweite 8 mm – 42 mm
para adultos, apertura de 8 mm – 42 mm
pour adultes, écartement de 8 mm – 42 mm
per adulti, apertura da 8 mm – 42 mm



Cooley

10-451-00

for children, blade opening from 6 mm – 15mm
für Kinder, Spreizweite 6 mm – 15 mm
para niños, apertura de 6 mm – 15mm
pour enfants, écartement de 6 mm – 15 mm
per bambini, apertura da 6 mm – 15mm



11

Dressings
Verband
Vendajes
Pansements
Bendaggi

surgimax™
saving lives



Engel

11-300-14	14 cm - 5 ½”



Bergmann

11-301-18	18 cm - 7”



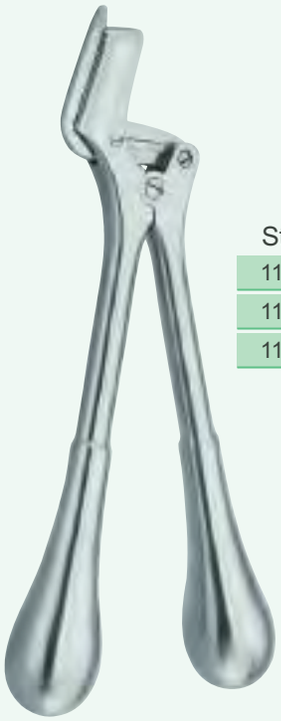
Hopkins

11-302-20	20 cm - 8”



Esmarch

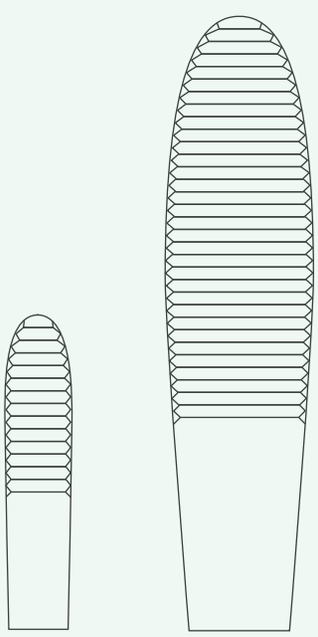
11-303-18	18 cm - 7”



Stille

11-304-23	23 cm - 9 "
11-304-26	26 cm - 10 ¼"
11-304-37	37 cm - 14½"





Wolf

11-305-18

18 cm - 7"

11-306-24

24 cm - 9 ½"



USA Modell

11-307-23

23 cm - 9"



Beeson

11-308-30

30 cm - 12"



Henning

11-309-28

28 cm - 11"
Grooved handle



12

Bone surgery
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

surgimax™
saving lives

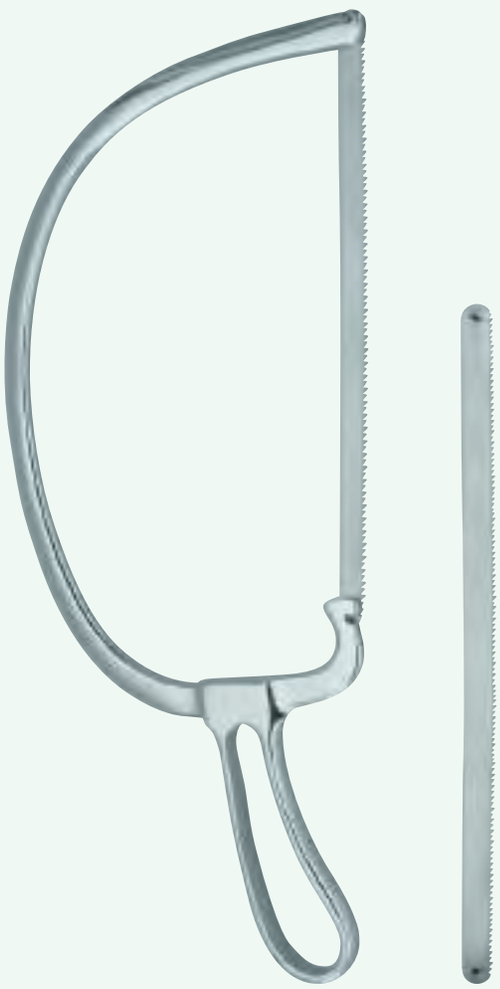


Charriere

12-500-35	35 cm - 13 ¾”

12-501-12	1.2 cm
12-501-15	1.5 cm

Spare saw blades
Ersatzsägeblätter
Hojas de cambio
Lames de rechange
Lame di ricambio



Helferich-Bier

12-502-39	39 cm - 15 ½”

12-503-03	3 mm
12-503-05	5 mm
12-503-07	7 mm

Spare saw blades
Ersatzsägeblätter
Hojas de cambio
Lames de rechange
Lame di ricambio



Satterlee

12-504-31	31 cm - 12 ¼”



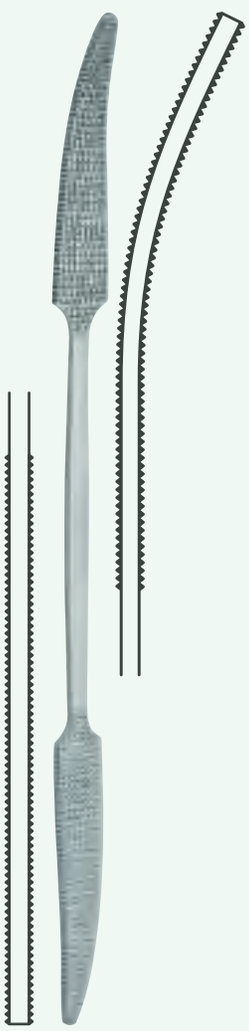
Langenbeck

12-505-23	23 cm - 9”



Charriere

12-506-27	27 cm - 10 ¾”
12-506-30	30 cm - 12”
12-506-34	34 cm - 13 ½”



Putti
Fig. 1

12-507-27

27 cm - 10 ¾”

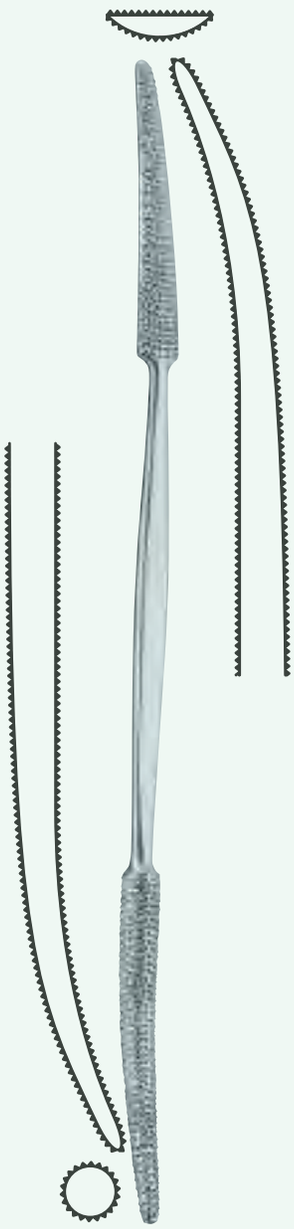


Fig. 2

12-508-30

30 cm - 12”



Rasp
Fig. 1

12-509-28

28 cm - 11”

semi circular
halbrund
semi-redonda
semi-ronde
semi-rotonda

Fig. 2

12-510-24

24.5 cm - 9 ¾”

x = 13 mm

semi circular
halbrund
semi-redonda
semi-ronde
semi-rotonda



Fig. 3

12-511-22

22 cm - 8 ¾”

x = 20 mm

flat
flach
plana
plate
piatta



Doyen

12-512-12	2.5 cmØ – 120 g
12-512-18	3.0 cmØ – 180 g
12-512-26	3.5 cmØ – 260 g

19.5 cm - 7 ¾”



Collin

12-513-20

20 cm - 8”
30 mmØ – 220 g



Hajek

12-514-21

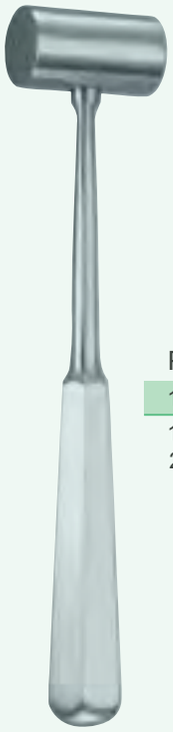
21.5 cm - 8 ½”
27 mmØ – 140 g



Kirk

12-515-19

19. cm - 7 ½”
38 mmØ – 750 g



Partsch

12-516-18

18 cm - 7”
22 mmØ – 200 g



Lucae

12-517-19	19 mm Ø – 230 g
12-517-25	25 mm Ø – 260 g

19 cm - 7 ½”



Williger

12-518-16

16.5 cm - 6 ½”

20 mm Ø – 140 g



Mead

12-519-17

17 cm - 6 ¾”

26 mmØ – 320 g

Steel solid, with plastic faces
Stahl massiv, mit Kunststoffbacken
Acero solido, con placas en plastica
Acier solid, avec plaques en plastique
Accaio massiccio, con punte di plastica

12-520-17

Spare faces, 1 pair
Ersatzbacken, 1 Paar
Placas de cambio, 1 par
Plaques de rechange, 1 paire
Punte di ricambio, 1 paio



Bergmann

12-523-24

24.5 cm - 9 ¾”

45 mmØ – 300 g



Ombredanne

12-521-24

24 cm - 9 ½”

40 mmØ –550 g



Heath

12-522-18	40 mmØ – 700 g	18 cm - 7”
12-522-20	45 mmØ – 1000 g	20 cm - 8”

Copper filled head
Kupferfüllung
Llenado de cobre
Rempli de cuivre
Riempito di rame



Mead Modified

12-524-19

19 cm - 7 ½”
250 mmØ – 205 g
Solid steel, with plastic faces
Massiver Stahl, mit Kunststoffbacken
Acero solido, con placas en plastica
Acier solid, avec plaques en plastique
Accaio massiccio, con punte di plastica

12-525-19

Spare faces, 1 pair
Ersatzbacken, 1 Paar
Placas de cambio, 1 par
Plaques de rechange, 1 paire
Punte di ricambio, 1 paio



Cottle

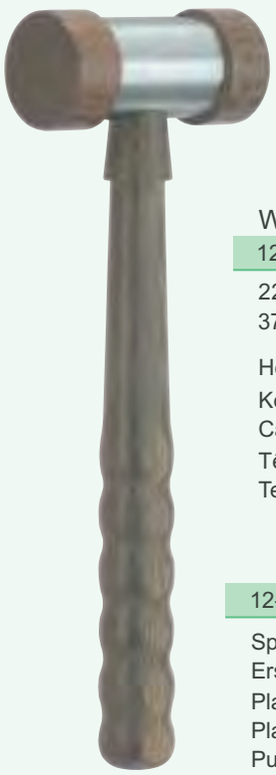
12-526-18

18.5 cm - 7 ¼”
30 mmØ – 240 g
1 side flat / 1 side convex
1 Seite flach / 1 Seite convex
1 lado plano / 1 lado convexo
1 coté plat/ 1 coté convex
1 lato piatto/ 1 lato convesso



Williger

12-527-28 28 mmØ – 340 g
12-527-30 30 mm Ø – 400 g
24 cm - 9 ½”
lead filled
bleigefüllt
llenado con plomo
rempli de plomb
riempito di piombo



Waze

12-528-22

22.5 cm - 8 ¾”
37 mmØ – 370 g

Head solid steel, with Ferrozell faces
Kopf massiver Stahl, mit Ferrozellbacken
Cabeza acero solido, con placas en Ferrozell
Tête acier solid, avec plaques en Ferrozell
Testa accaio massiccio, con punte di Ferrozell

12-529-22

Spare faces, 1 pair
Ersatzbacken, 1 Paar
Placas de cambio, 1 par
Plaques de rechange, 1 paire
Punte di ricambio, 1 paio



Jonathan

12-530-24

24 cm - 9 ½”
30 mmØ – 480 g

Head solid steel, Ferrozell handle
Kopf massiver Stahl, mit Ferrozellstiel
Cabeza acero solido, con mango en Ferrozell
Tête acier solid, manche en matière Ferrozell
Testa accaio massiccio, con manico di Ferrozell



Jonathan Modified

12-531-26

42 mmØ – 250 g

Ferrozell, without lead
Ferrozell, ohne Blei
Ferrozell, sin plomo
Ferrozell, sans plomb
Ferrozell, senzo piombo

12-532-26 26 cm - 10 ¼”

42 mmØ – 400 g

Plastic, lead filled
Kunststoff, bleigefüllt
Plastico, llenado con plomo
Matière plastique, rempli de plomb
Plastica, riempito di piombo



Darson

12-533-26 26.5 cm - 10 ½”

30 mmØ – 450 g

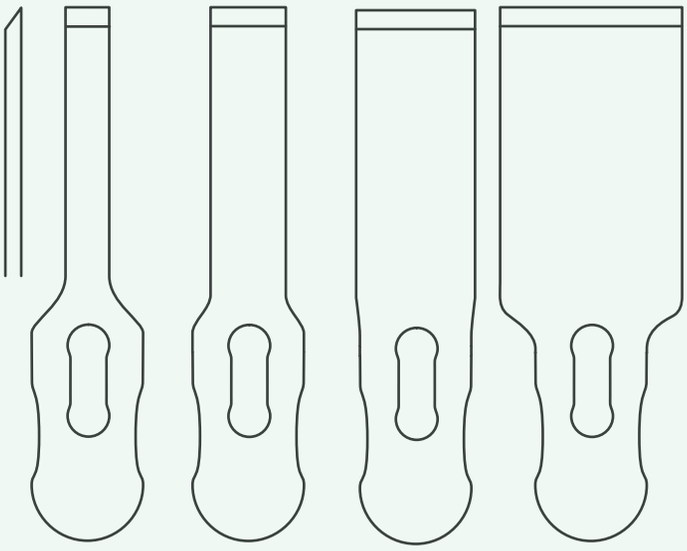
12-534-26 26.5 cm - 10 ½”

50 mmØ – 900 g



12-535-18

18.5 cm - 7 ¼”
Handle Only



Arrow

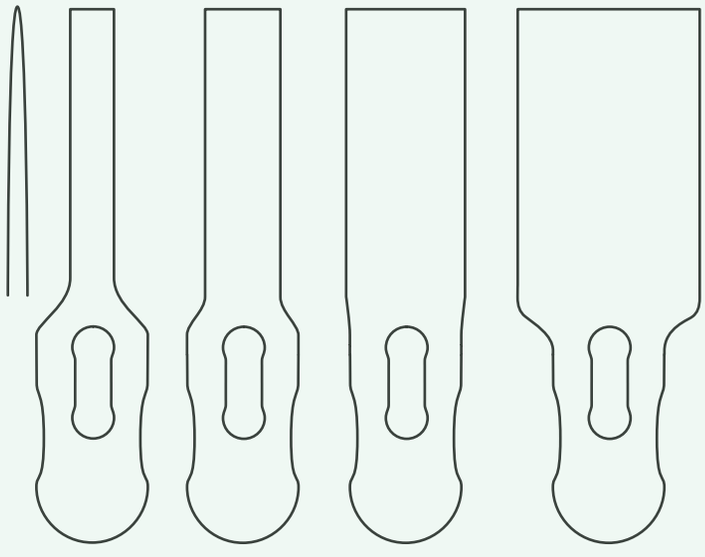
12-536-08	12-537-08	12-538-08	12-539-08	8.5 cm - 3 ¼”
5 mm	10 mm	16 mm	25 mm	

Chisel blades, interchangeable
Meißelklingen, auswechselbar
Hojas de cincel, intercambiables
Lames ciseaux-burin, interchangeables
Lame, intercambiabili



12-540-09

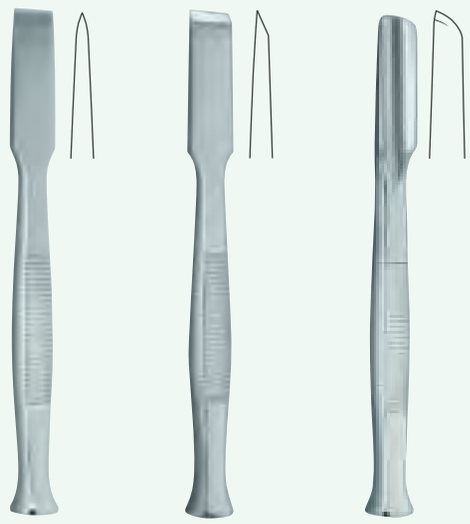
9 cm - 3 ½”
Key
Spannschlüssel
Llave
Clé
Chiave



12-541-08	12-542-08	12-543-08	12-544-08	8.5 cm - 3 ¼”
5 mm	10 mm	16 mm	25 mm	

Osteotome blades, interchangeable
Osteotomklingen, auswechselbar
Hojas de osteótomo, intercambiables
Lames d‘osteotomos interchangeables
Lame per osteotomia, intercambiabili

12-535-00	Complete set consisting:
12-535-18	Handle
12-540-09	Key
	Chisel blades 12-536-08 to 12-539-08
	Osteotome blades 12-541-08 to 12-544-08



Mourd

12-545-08	12-546-08	12-547-08	8 mm
12-545-10	12-546-10	12-547-10	10 mm
12-545-12	12-546-12	12-547-12	12 mm
12-545-14	12-546-14	12-547-14	14 mm
12-545-16	12-546-16	12-547-16	16 mm
13.5 cm - 5 ¼"	13.5 cm - 5 ¼"	13.5 cm - 5 ¼"	



Lucas

12-548-03	12-548-07	3 mm
12-548-04	12-548-08	4 mm
12-548-05	12-548-09	5 mm
12-548-06	12-548-10	6 mm
16 cm - 6 ¼"	16 cm - 6 ¼"	
Chisel	Gouge	
Flachmeißel	Hohlmeißel	
Cincel	Gubia	
Ciseau burin	Gouge	
Scalpello	Sgorbi	



Partsch

12-549-02	12-550-02	12-551-02	2 mm
12-549-03	12-550-03	12-551-03	3 mm
12-549-04	12-550-04	12-551-04	4 mm
12-549-05	12-550-05	12-551-05	5 mm
12-549-06	12-550-06	12-551-06	6 mm
12-549-07	12-550-07	12-551-07	7 mm
12-549-08	12-550-08	12-551-08	8 mm
11.5 cm	13.5 cm	17 cm - 6 ¾"	

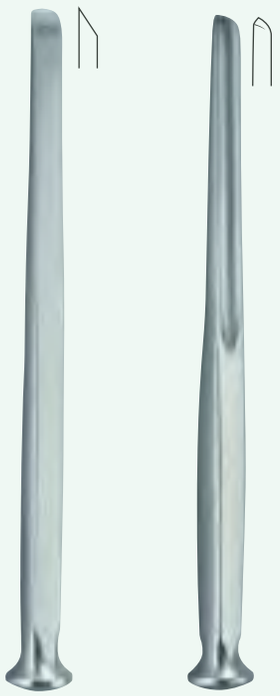


12-552-02	12-553-02	12-554-02	2 mm
12-552-03	12-553-03	12-554-03	3 mm
12-552-04	12-553-04	12-554-04	4 mm
12-552-05	12-553-05	12-554-05	5 mm
12-552-06	12-553-06	12-554-06	6 mm
12-552-07	12-553-07	12-554-07	7 mm
12-552-08	12-553-08	12-554-08	8 mm
11.5 cm	13.5 cm	17 cm - 6 ¾"	



Lambotte

12-555-06	12-556-06	6 mm
12-555-08	12-556-08	8 mm
12-555-10	12-556-10	10 mm
12-555-13	12-556-13	13 mm
12-555-15	12-556-15	15 mm
12-555-20	12-556-20	20 mm
12-555-25	12-556-25	25 mm
12-555-30	12-556-30	30 mm
12-555-38	12-556-38	38 mm
12-555-44	12-556-44	44 mm
12-555-50	12-556-50	50 mm
25 cm - 9 ¾”	25 cm - 9 ¾”	



Alexander

12-557-04	12-558-04	4 mm
12-557-06	12-558-06	6 mm
12-557-08	12-558-08	8 mm
12-557-10	12-558-10	10 mm
12-557-12	12-558-12	12 mm
12-557-14	12-558-14	14 mm
18 cm - 7”	18 cm - 7”	

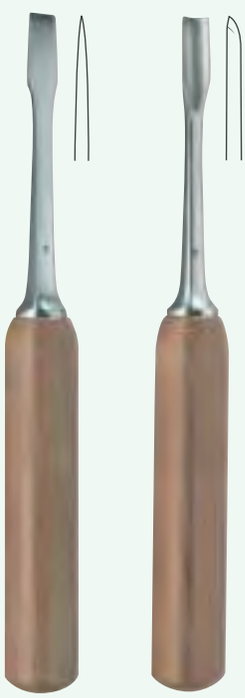


Mini-Lambotte

12-559-03	12-560-03	3 mm
12-559-04	12-560-04	4 mm
12-559-06	12-560-06	6 mm
12-559-08	12-560-08	8 mm
12-559-10	12-560-10	10 mm
12-559-12	12-560-12	12 mm
12-559-15	12-560-15	15 mm
12.5 cm - 5”	17 cm - 6 ¾”	







Lexer

12-561-07	12-562-07	12-563-07	12-564-07	7 mm
12-561-10	12-562-10	12-563-10	12-564-10	10 mm
12-561-15	12-562-15	12-563-15	12-564-15	15 mm
12-561-20	12-562-20	12-563-20	12-564-20	20 mm
12-561-25	12-562-25	12-563-25	12-564-25	25 mm
12-561-30	12-562-30	12-563-30	12-564-30	30 mm
22 cm - 8 ¾”	30 cm - 12”	22 cm - 8 ¾”	30 cm - 12”	

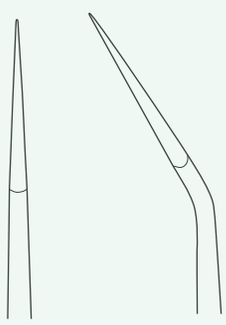
Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell

Mini-Lexer

12-565-04	12-566-04	4 mm
12-565-06	12-566-06	6 mm
12-565-08	12-566-08	8 mm
12-565-10	12-566-10	10 mm
12-565-12	12-566-12	12 mm
18 cm - 7”	18 cm - 7”	

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell







Dahmen

12-200-04	12-201-04	12-202-04	12-203-04	4 mm
12-200-05	12-201-05	12-202-05	12-203-05	5 mm
12-200-06	12-201-06	12-202-06	12-203-06	6 mm
12-200-08	12-201-08	12-202-08	12-203-08	8 mm
12-200-10	12-201-10	12-202-10	12-203-10	10 mm
12-200-12	12-201-12	12-202-12	12-203-12	12 mm
12-200-15	12-201-15	12-202-15	12-203-15	15 mm
12-200-20	12-201-20	12-202-20	12-203-20	20 mm
12-200-22	12-201-22	12-202-22	12-203-22	22 mm
12-200-25	12-201-25	12-202-25	12-203-25	25 mm
30 cm - 11 ¾”	30 cm - 11 ¾”	30 cm - 11 ¾”	30 cm - 11 ¾”	
Osteotomes straight	Osteotomes angled	Gouges straight	Gouges angled	

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell



Zielke

12-204-05	5.5 mm
12-204-09	9 mm

23 cm - 9”
Gouges
Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell





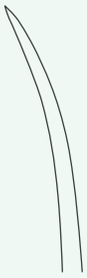
Cobb

12-205-27	12-205-27A	12-205-27B	12-205-27C	27 cm - 10¾"	8 mm

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell











Danis

12-206-06	12-207-06	12-208-06	12-209-06	6 mm
12-206-09	12-207-09	12-208-09	12-209-09	9 mm
12-206-13	12-207-13	12-208-13	12-209-13	13 mm
12-206-16	12-207-16	12-208-16	12-209-16	16 mm
12-206-25	12-207-25	12-208-25	12-209-25	25 mm
12-206-32	12-207-32	12-208-32	12-209-32	32 mm
27.5 cm - 10 ¾"	27.5 cm - 10 ¾"	27.5 cm - 10 ¾"	27.5 cm - 10 ¾"	
Osteotomes straight	Osteotomes curved	Gouges straight	Gouges curved	







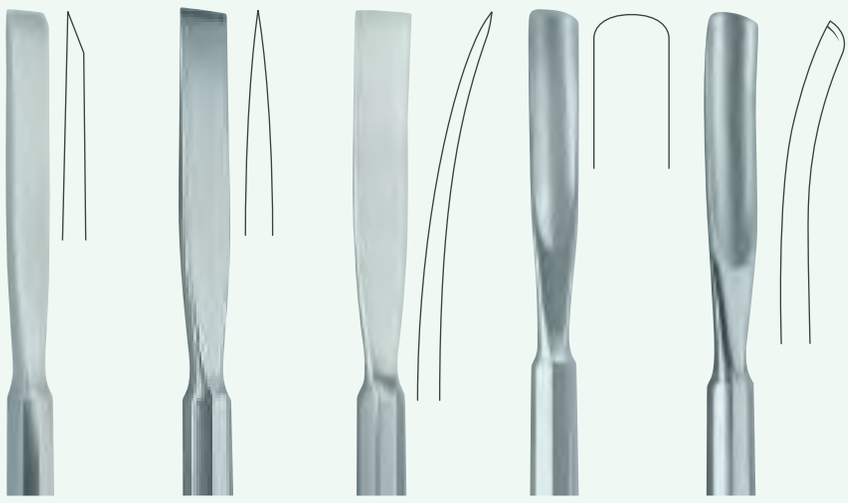


Capener

12-210-06	12-211-06	12-212-06	6 mm
12-210-09	12-211-09	12-212-09	9 mm
12-210-10	12-211-10	12-212-10	10 mm
12-210-11	12-211-11	12-212-11	11 mm
12-210-13	12-211-13	12-212-13	13 mm
12-210-15	12-211-15	12-212-15	15 mm
12-210-16	12-211-16	12-212-16	16 mm
12-210-19	12-211-19	12-212-19	19 mm
12-210-20	12-211-20	12-212-20	20 mm
12-210-25	12-211-25	12-212-25	25 mm
12-210-30	12-211-30	12-212-30	30 mm
12-210-32	12-211-32	12-212-32	32 mm
23.5 cm - 9 ¼"	23.5 cm - 9 ¼"	25 cm - 10"	
Gouges	Gouges	Gouges	

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell

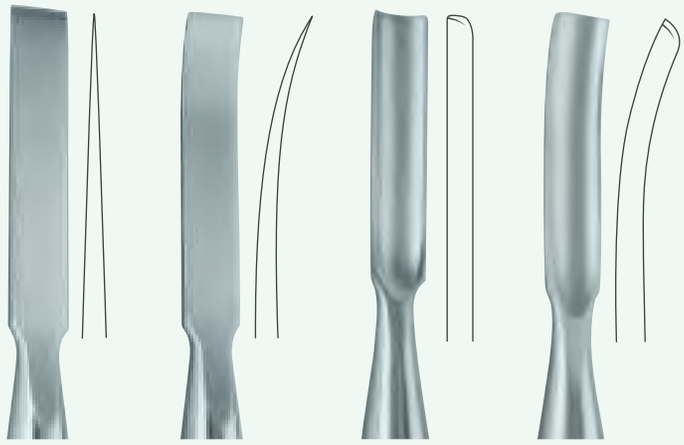




Stille

12-567-10	12-568-10	12-569-10	12-570-10	12-571-10	10 mm
12-567-15	12-568-15	12-569-15	12-570-15	12-571-15	15 mm
12-567-20	12-568-20	12-569-20	12-570-20	12-571-20	20 mm
12-567-25	12-568-25	12-569-25	12-570-25	12-571-25	25 mm
20 cm - 8”	20 cm - 8”	20 cm - 8”	20 cm - 8”	20 cm - 8”	





Smith-Petersen

12-572-06	12-573-06	12-574-06	12-575-06	6 mm
12-572-09	12-573-09	12-574-09	12-575-09	9 mm
12-572-13	12-573-13	12-574-13	12-575-13	13 mm
12-575-16	12-573-16	12-574-16	12-575-16	16 mm
12-575-19	12-573-19	12-574-19	12-575-19	19 mm
12-575-25	12-573-25	12-574-25	12-575-25	25 mm
12-575-32	12-573-32	12-574-32	12-575-32	32 mm
20 cm - 8”	20 cm - 8”	20 cm - 8”	20 cm - 8”	







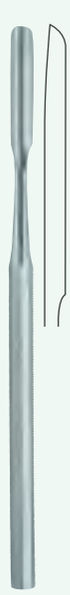






Hibbs

12-576-06	12-577-06	12-578-06	12-579-06	12-580-06	6 mm
12-576-13	12-577-13	12-578-13	12-579-13	12-580-13	13 mm
12-576-19	12-577-19	12-578-19	12-579-19	12-580-19	19 mm
12-576-25	12-577-25	12-578-25	12-579-25	12-580-25	25 mm
12-576-32	12-577-32	12-578-32	12-579-32	12-580-32	32 mm
24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”	24 cm - 9 ½”	



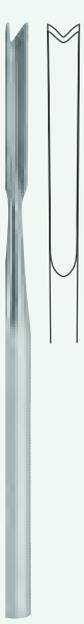
Freer

12-581-15
15 cm - 6” 6 mm
Gouge Hohlmeißel Gubia Gouge Sgorbio



Freer

12-582-16
16 cm - 6 ¼” 4 mm
Chisel Flachmeißel Cincel Ciseau-burin Scalpello



Ballenger

12-583-04	4 mm
12-583-06	6 mm
12-583-08	8 mm
16 cm - 6 ¼”	







Mannerfelt modif.

12-584-03	12-585-03 3 mm
12-584-04	12-585-04 4 mm
12-584-06	12-585-06 6 mm
12-584-08	12-585-08 8 mm
15.5 cm - 6”	15.5 cm - 6”
Osteotomes Osteotome Osteótomos Ostéotomes Osteotomi	Gouge Hohlmeißel Gubia Gouge Sgorbio



Kilian

12-586-16

16 cm - 6 ¼”
5 mm



Kilian-
Claus

12-587-16

16 cm - 6 ¼”
5 mm



Cottle

12-588-07 7 mm

12-588-12 12 mm

15 cm - 6”



Cottle

12-589-19

19 cm - 7 ½”
4 mm



12-590-18

18 cm - 7”
6 mm





Fomon

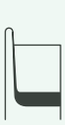
12-591-17

4 mm



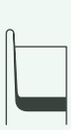
12-592-17

5 mm



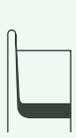
12-593-17

6 mm



12-594-17

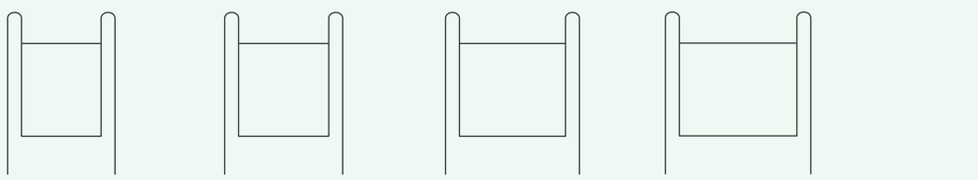
7 mm



12-595-17 17 cm - 6 ¾”

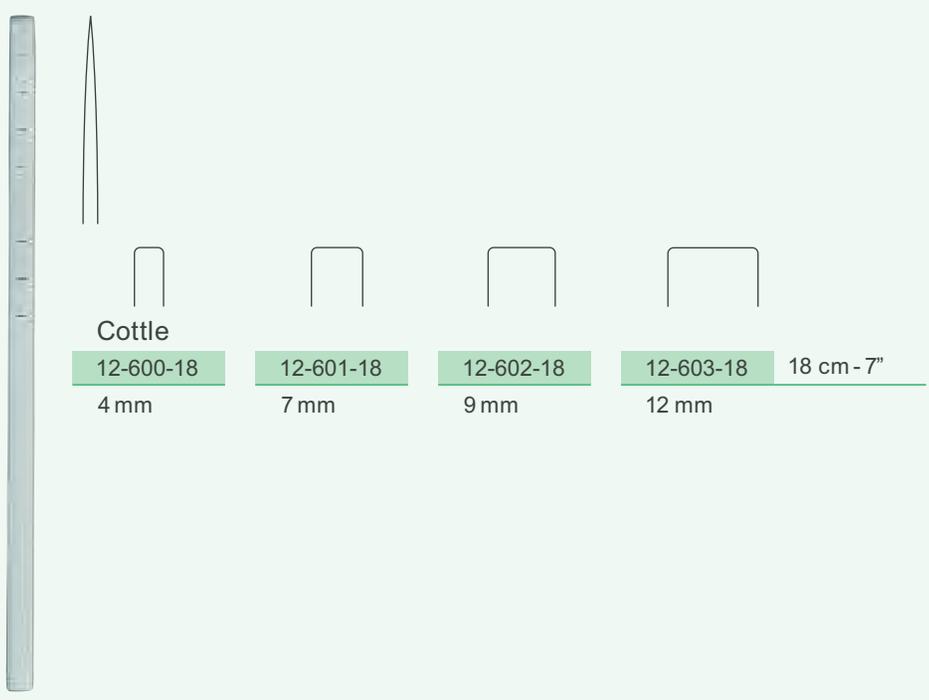
8 mm





Cinelli

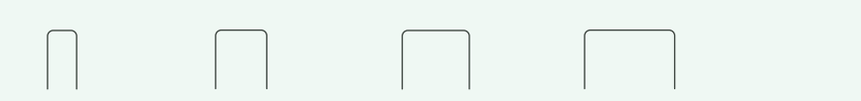
12-596-18	12-597-18	12-598-18	12-599-18	18 cm - 7”
10 mm	12 mm	14 mm	16 mm	



Cottle

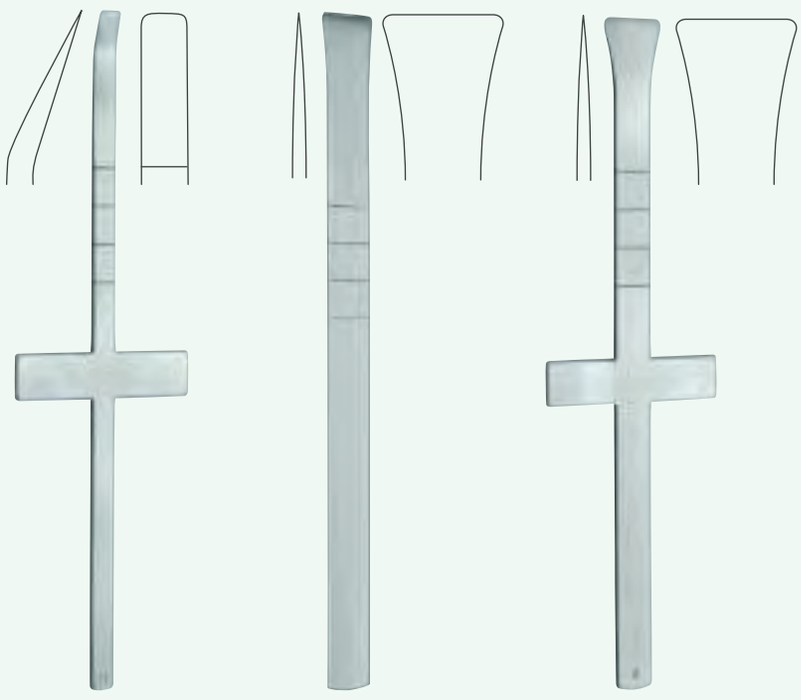
12-600-18	12-601-18	12-602-18	12-603-18	18 cm - 7”
4 mm	7 mm	9 mm	12 mm	





Cottle

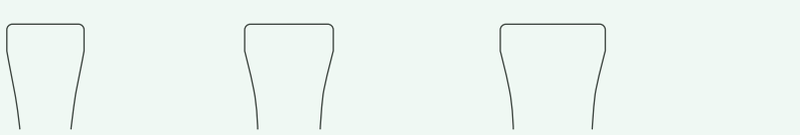
12-604-18	12-605-18	12-606-18	12-607-18	18 cm - 7”
4 mm	7 mm	9 mm	12 mm	



Cottle

12-608-18	12-609-18	12-610-18 18 cm - 7”
6 mm	16 mm	16 mm





Rubin

12-611-18	12-612-18	12-613-18 18 cm - 7”
10 mm	12 mm	14 mm





Cottle

12-614-20	12-615-20	12-616-20	12-617-20	20 cm - 8”
4 mm	7 mm	9 mm	12 mm	

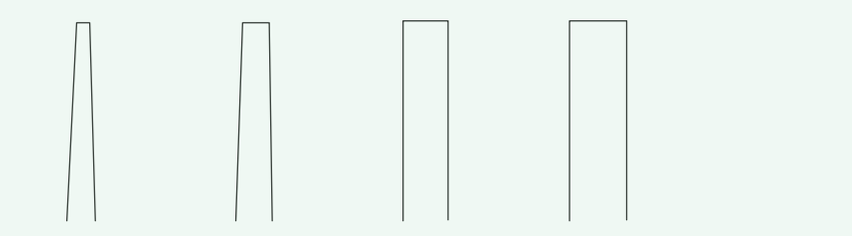




Walter

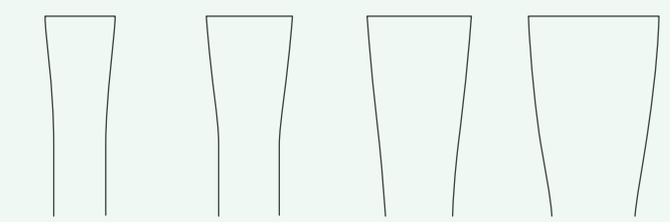
12-618-19	12-619-19	19 cm - 7 ½”
3 mm	4,5 mm	





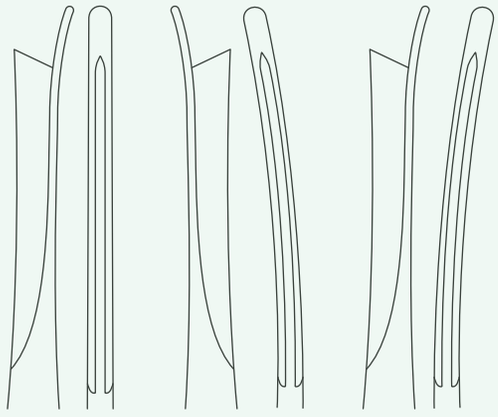
Sheehan

12-620-16	12-621-16	12-622-16	12-623-16	16 cm - 6 ¼”
2 mm	4 mm	6 mm	8 mm	



12-624-16	12-625-16	12-626-16	12-627-16
10 mm	12 mm	15 mm	18 mm

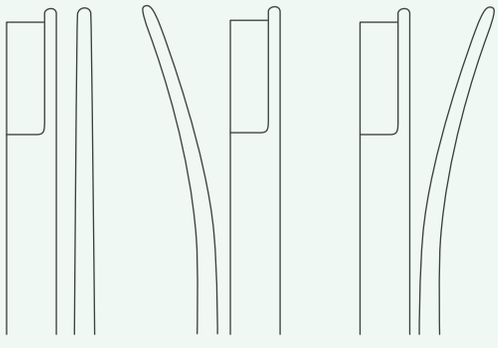




Silver

12-628-18	12-629-18	12-630-18	18 cm - 7”
straight	right	left	
gerade	rechts	links	
recta	derecha	izquierda	
droit	droite	gauche	
retta	destra	sinistra	



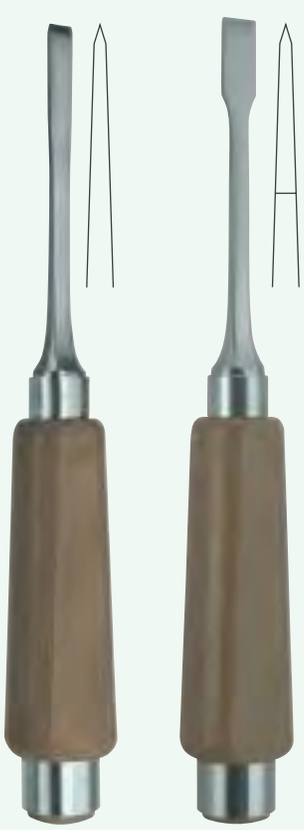


Neivert-Anderson

12-631-20	12-632-20	12-633-20	20 cm - 8”
straight	right	left	
gerade	rechts	links	
recta	derecha	izquierda	
droit	droite	gauche	
retta	destra	sinistra	



Obwegeser
12-634-23
23.5 cm - 9 ¼”
11 mm



Obwegeser
12-635-21
7 mm

12-636-21 21.5 cm - 8 ½”
10 mm

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell

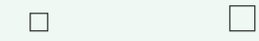




Temper

12-637-15	12-638-15	12-639-15	12-640-15	12-641-15	12-642-15	12-643-15	15.5 cm - 6”
2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	8 mm Ø	10 mm Ø	





Passow

12-644-12	12-645-12	12 cm - 4¾”
Fig.1	Fig.2	
2.5 mm x 2.5 mm	3.5 mm x 3.5 mm	



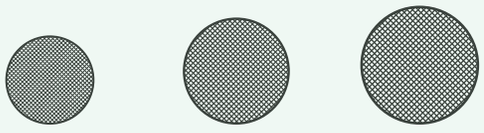


Caspar

12-646-20	12-647-20	12-648-20	20 cm - 8”
3 mmØ	5 mmØ	8 mmØ	

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell





Temper Modified

12-649-20	12-650-20	12-651-20	20 cm - 8”
12 mm Ø	14 mm Ø	16 mm Ø	

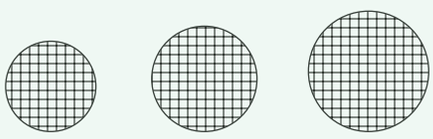
Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell





Brill

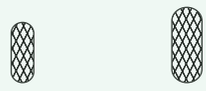
12-262-03	12-262-05	12-262-08	20 cm - 8”
3 mm	5 mm	8 mm	



12-263-12	12-263-14	12-263-16	20 cm - 8”
12 mm	14 mm	16 mm	

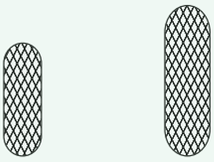
Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell





Ivanio

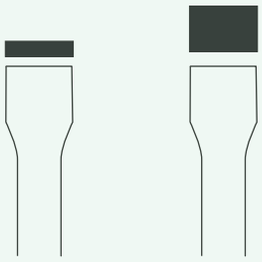
12-264-03	12-264-04	29 cm - 11 ½”
3 x 8 mm	4 x 10 mm	



12-264-05	12-264-06	29 cm - 11 ½”
5 x 15 mm	6 x 20 mm	

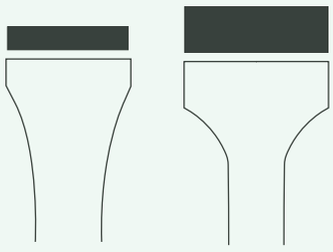
Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell





Moston

12-265-02	12-265-06	22.5 cm - 8 ¾
2 x 9 mm	6 x 9 mm	



12-265-03	12-265-06	22.5 cm - 8 ¾
3 x 16 mm	6 x 19 mm	



12-265-08
225.5 cm - 8 ¾”
Ø 8 mm



Volkmann

12-652-17	12-653-17	12-654-17	12-655-17	12-656-17	17 cm - 6 ¾"
Fig.0000	Fig.000	Fig.00	Fig.0	Fig.1	

12-657-17	12-658-17	12-659-17	12-660-17	12-661-17	17 cm - 6 ¾"
Fig.2	Fig.3	Fig.4	Fig.5	Fig.6	



Schede

12-662-17	12-663-17	12-664-17	12-665-17	12-666-17	17 cm - 6 ¾"
Fig.000	Fig.00	Fig.0	Fig.1	Fig.2	

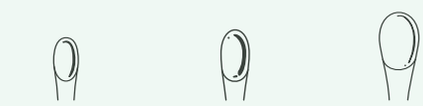
12-667-17	12-668-17	17 cm - 6 ¾"
Fig.3	Fig.4	





Spratt

12-669-17	12-670-17	12-671-17	17 cm - 6¾"
Fig.0000	Fig.000	Fig.00	



12-672-17	12-673-17	12-674-17	17 cm - 6¾"
Fig.0	Fig.1	Fig.2	



12-675-17	12-676-17	12-677-17	17 cm - 6¾"
Fig.3	Fig.4	Fig.5	



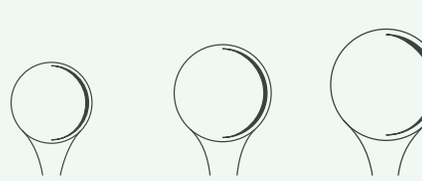


Bruns

12-678-16	12-679-16	12-680-16	16 cm - 6¼"
Fig.000	Fig.00	Fig.0	



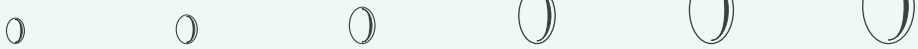
12-681-16	12-682-16	12-683-16	16 cm - 6¼"
Fig.1	Fig.2	Fig.3	



12-684-16	12-685-16	12-686-16
Fig.4	Fig.5	Fig.6



Volkmann



12-687-18	12-688-18	12-689-18	12-690-18	12-691-18	12-692-18	18.5 cm - 7 ¼”
Fig.0000	Fig.000	Fig.00	Fig.0	Fig.1	Fig.2	



12-693-19	12-694-19	12-695-19	12-696-19	19 cm - 7 ½”
Fig.3	Fig.4	Fig.5	Fig.6	

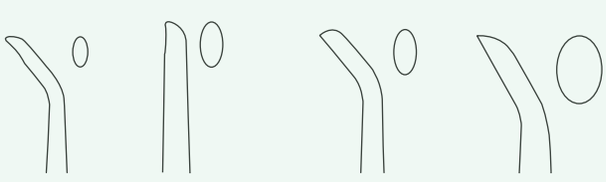


12-697-27	12-698-27	12-699-27	12-700-27	12-701-27	27.5 cm - 10 ¾”
Fig.0	Fig.1	Fig.2	Fig.3	Fig.4	

oval, Ferrozell handle
oval, Ferrozellgrif
ovalada, Mango en Ferrozell
ovale, Manche en Ferrozell
ovale, Manico di Ferrozell

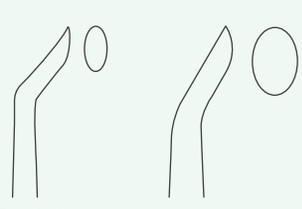


Bruns



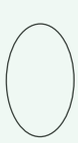
12-213-43	12-214-43	12-215-43	12-216-43	43 cm - 17"
12-213-50	12-214-50	12-215-50	12-216-50	50 cm - 19 ¾”
2 mm	3 mm	3 mm	6 mm	

Epstein



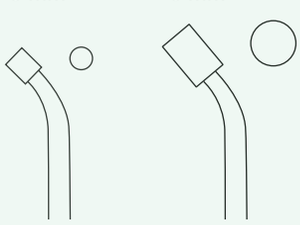
12-217-43	12-218-43	43 cm - 17"
12-217-50	12-218-50	50 cm - 19 ¾”
3 mm	6 mm	

Scoville



12-219-50	50 cm - 19 ¾”
9 mm	

Cone



12-220-43	12-221-43	43 cm - 17"
12-220-50	12-221-50	50 cm - 19 ¾”
Ø 3 mm	Ø 6 mm	

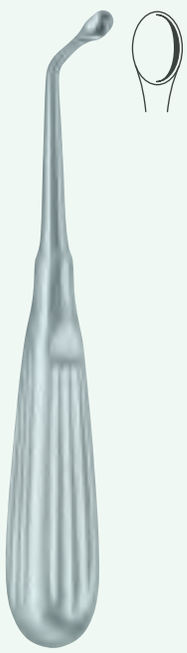






Halle

12-702-21	12-703-21	12-704-21	21 cm - 8 ¼”
Fig. 1	Fig.2	Fig.3	
flexible flexibel flexible flexible flessibile			

Lenorde

12-705-17	12-706-17	17 cm - 6 ¾”
Fig.1	Fig.2	








Bruns

12-707-23	12-708-23	12-709-23	12-710-23	23 cm - 9”
Fig.00	Fig.0	Fig.1	Fig.2	






12-711-23	12-712-23	12-713-23	12-714-23	23 cm - 9”
Fig.3	Fig.4	Fig.5	Fig.6	
solid massiv macizo solide massicio				



Schroeder

12-715-30	12-716-30	12-717-30	30 cm - 12”
Fig.1	Fig.2	Fig.3	
12-718-30	12-719-30	12-720-30	30 cm - 12”
Fig.4	Fig.5	Fig.6	

sharp / rigid
scharf / fest
tranchante / rigide
cortante / rigida
tagliente / rigido



Simon

12-721-24	12-722-24	12-723-24	12-724-24 24 cm - 9 ½”
Fig.0000	Fig.000	Fig.00	Fig.0

sharp/ rigid
scharf/ fest
cortante / rigida
tranchante / rigide
tagliente / rigido

Simon

12-725-25	12-726-25	12-727-25	25 cm - 9 ¾”
Fig.1	Fig.2	Fig.3	
12-728-25	12-729-25	12-730-25	25 cm - 9 ¾”
Fig. 4	Fig. 5	Fig. 6	

sharp/ rigid
scharf/ fest
cortante / rigida
tranchante / rigide
tagliente / rigido



Akson

12-731-20	12-732-20	12-733-20	20 cm - 8”
Fig.000	Fig.00	Fig.0	

12-734-20	12-735-20	12-736-20	20 cm - 8”
Fig.1	Fig.2	Fig.3	

12-737-20	12-738-20	12-739-20	20 cm - 8”
Fig.4	Fig.5	Fig.6	

straight
gerade
recta
droit
retto



12-740-20	12-741-20	12-742-20	20 cm - 8”
Fig.000	Fig.00	Fig.0	

12-743-20	12-744-20	12-746-20	20 cm - 8”
Fig.1	Fig.2	Fig.3	

12-747-20	12-748-20	12-749-20	20 cm - 8”
Fig.4	Fig.5	Fig.6	

curved
gebogen
courbe
curva
curvo



Miguel

12-750-25	12-751-25	12-752-25	12-753-25	25 cm - 9 ¾”
Fig.000 3.6 mm	Fig.00 4.4 mm	Fig.0 5.2 mm	Fig.1 6.8 mm	

straight
gerade
recta
droit
retto



Daubenspeck

12-754-20	12-756-20	12-757-20	12-758-20	20 cm - 8”
Fig.0000 2.8 mm	Fig.000 3.6 mm	Fig.00 4.4 mm	Fig.0 5.2 mm	





Scoville

12-759-25	12-760-25	12-761-25	25 cm - 9¾”
Fig.1	Fig.2	Fig.3	
oval			
oval			
ovalada			
ovale			
ovale			

Lempert

12-762-21	12-763-21	12-764-21	12-765-21	12-766-21	21.5 cm - 8½”
Fig.00000	Fig.0000	Fig.000	Fig.00	Fig.0	
1.8 mm	2.0 mm	2.4 mm	2.6 mm	2.8 mm	





Bruns

12-251-01	12-251-02	12-251-03	Fig. 000	23 cm - 9"
3.3 mm	3.3 mm	3.3 mm		
12-252-01	12-253-02	12-254-03	Fig. 00	23 cm - 9"
3.9 mm	3.9 mm	3.9 mm		
12-255-01	12-255-02	12-255-03	Fig. 0	23 cm - 9"
4.7 mm	4.7 mm	4.7 mm		
12-256-01	12-256-02	12-256-03	Fig. 1	23 cm - 9"
5.3 mm	5.3 mm	5.3 mm		
12-257-01	12-257-02	12-257-03	Fig. 2	23 cm - 9"
6 mm	6 mm	6 mm		
12-258-01	12-258-02	12-258-03	Fig. 3	23 cm - 9"
7.2 mm	7.2 mm	7.2 mm		
12-259-01	12-259-02	12-259-03	Fig. 4	23 cm - 9"
8.2 mm	8.2 mm	8.2 mm		
12-260-01	12-260-02	12-260-03	Fig. 5	23 cm - 9"
9.8 mm	9.8 mm	9.8 mm		
12-261-01	12-261-02	12-261-03	Fig. 6	23 cm - 9"
12 mm	12 mm	12 mm		



Volkmann

Fig. 1

12-767-13	
12-767-14	
12-767-16	
12-767-17	
12-767-20	

oval / oval
oval / oval
ovalada / ovalada
ovale / ovale
ovale / ovale



Fig. 2

12-768-13	13 cm - 5”
12-768-14	14 cm 5 ½”
12-768-16	16 cm - 6 ¼”
12-768-17	17 cm - 6 ¾”
12-768-20	20 cm - 8”

round/oval
rund/ oval
redonda / ovalada
ronde/ovale
rotondo/ ovale

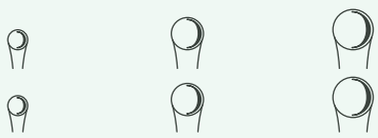


Fig. 3

12-769-21

21 cm - 8 ¼”
round/ oval
rund/ oval
redonda / ovalada
ronde / ovale
rotondo/ ovale





Martini

12-770-13	12-771-13	12-772-13	13.5 cm - 5 ¼”
Fig.00	Fig.0	Fig.1	
Fig.0	Fig.1	Fig.2	

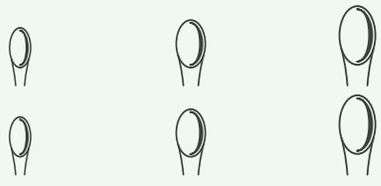




Martini

12-773-15	12-774-15	12-775-15	15.5 cm 6”
Fig.00	Fig.0	Fig. 1	
Fig.00	Fig.0	Fig. 1	

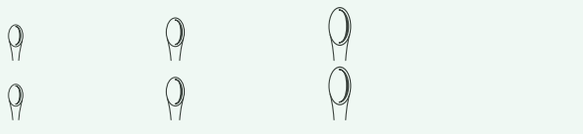




Williger

12-776-13	12-777-13	12-778-13	13.5 cm 5 ¼”
Fig.00	Fig.0	Fig.1	
Fig.0	Fig.1	Fig.2	





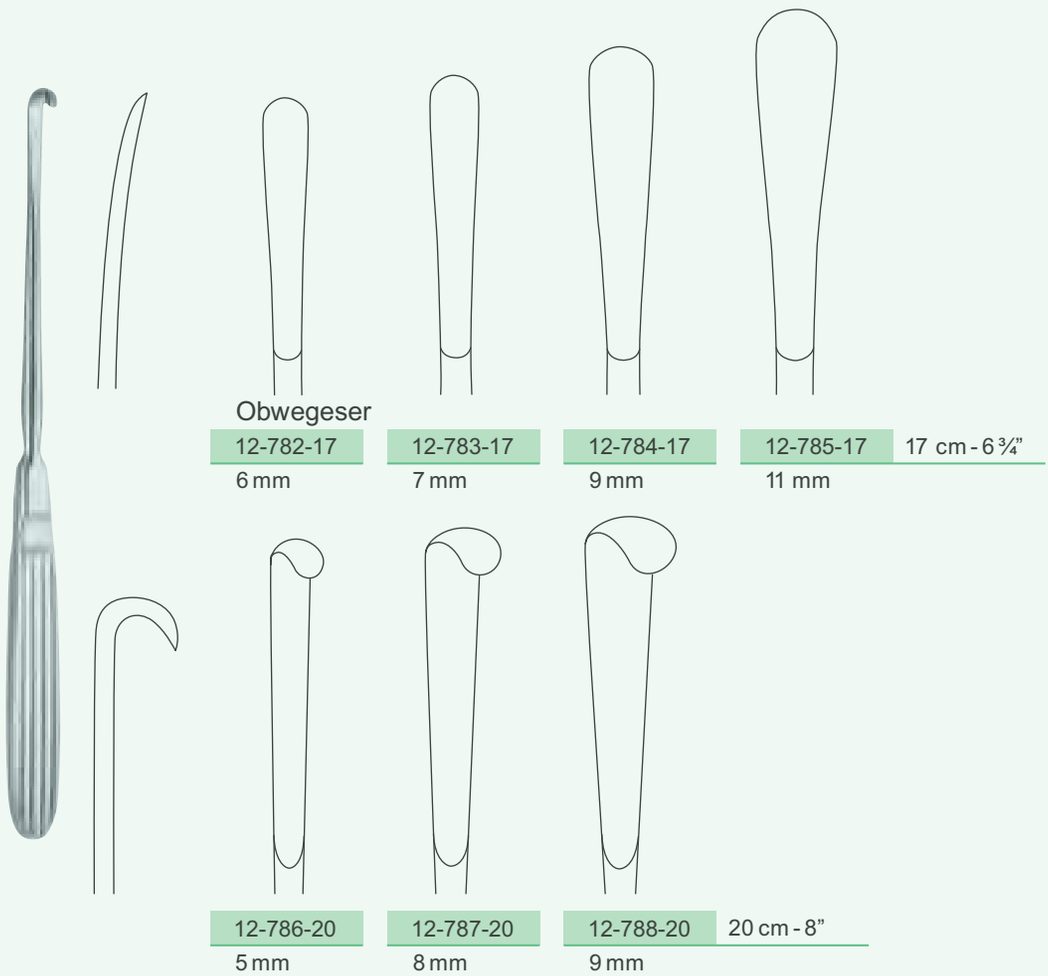
Williger

12-779-15	12-780-15	12-781-15	15.5 cm - 6”
Fig.00	Fig.0	Fig. 1	
Fig.00	Fig.0	Fig. 1	



Jacobson

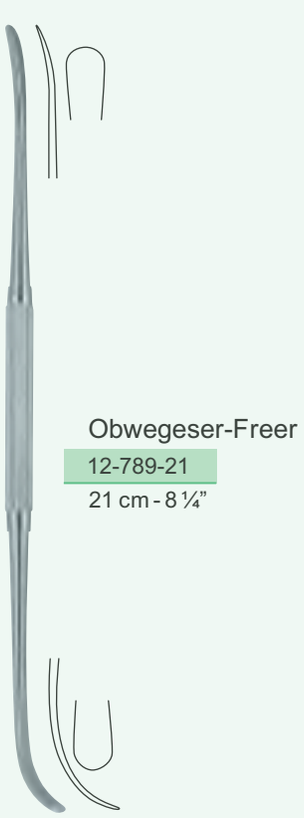
12-262-14
14 cm - 5½”



Obwegeser

12-782-17	12-783-17	12-784-17	12-785-17	17 cm - 6 ¾”
6 mm	7 mm	9 mm	11 mm	

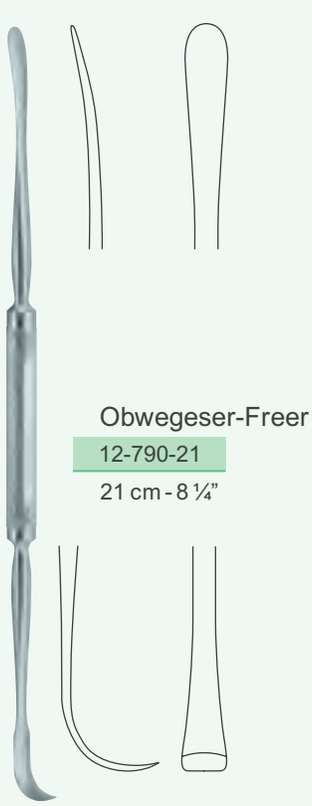
12-786-20	12-787-20	12-788-20	20 cm - 8”
5 mm	8 mm	9 mm	



Obwegeser-Freer

12-789-21

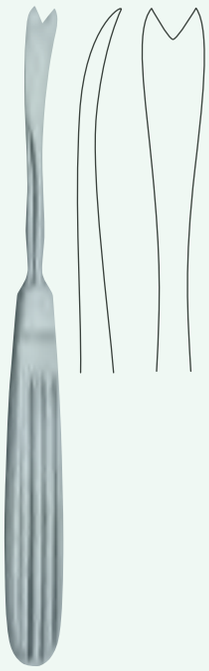
21 cm - 8 ¼”



Obwegeser-Freer

12-790-21

21 cm - 8 ¼”



Obwegeser
12-791-17
17.5 cm - 7”



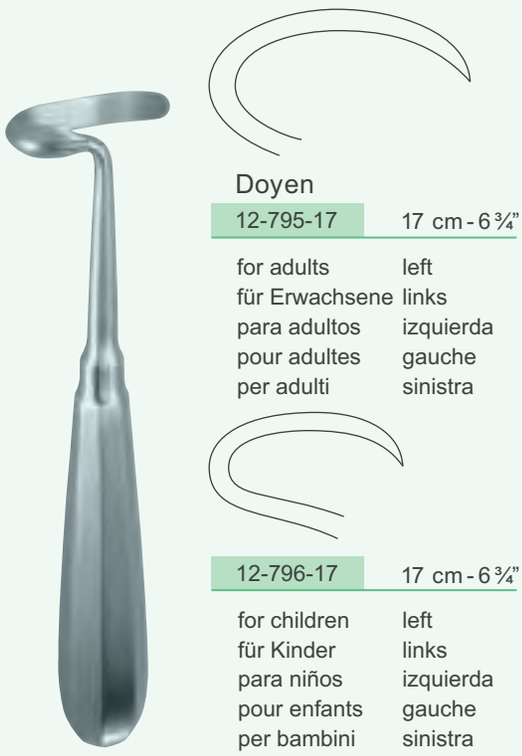
Obwegeser
12-792-23
23 cm - 9”



Obwegeser
12-793-18
18 cm - 7”



Obwegeser
12-794-14
14 cm - 5 ½”



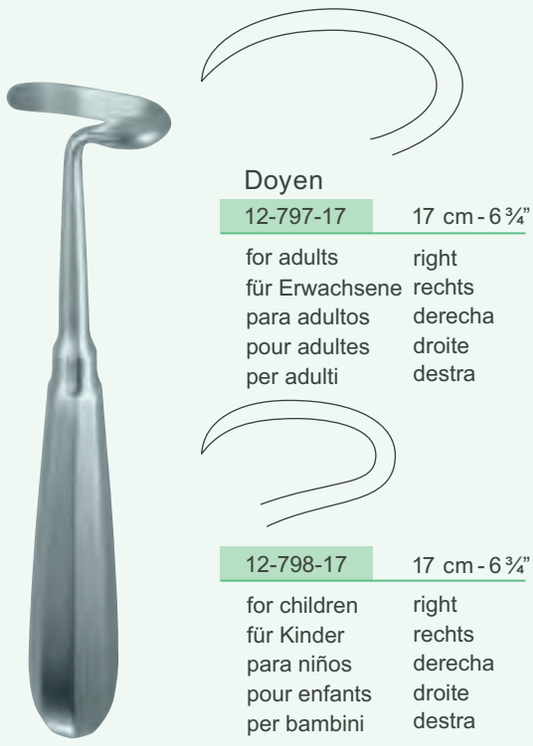
Doyen

12-795-17	17 cm - 6 ¾"

for adults	left
für Erwachsene	links
para adultos	izquierda
pour adultes	gauche
per adulti	sinistra

12-796-17	17 cm - 6 ¾"

for children	left
für Kinder	links
para niños	izquierda
pour enfants	gauche
per bambini	sinistra



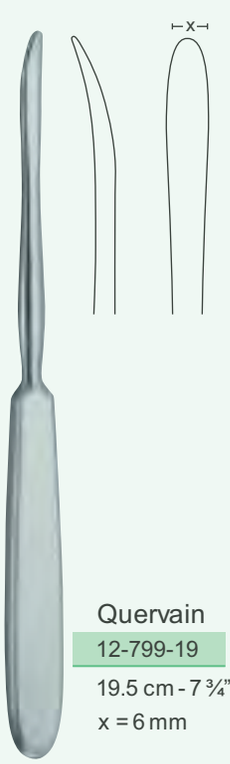
Doyen

12-797-17	17 cm - 6 ¾"

for adults	right
für Erwachsene	rechts
para adultos	derecha
pour adultes	droite
per adulti	destra

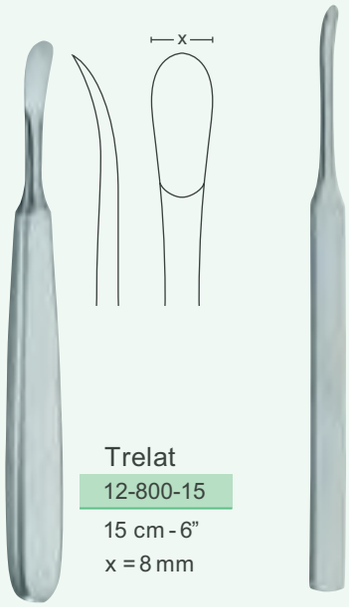
12-798-17	17 cm - 6 ¾"

for children	right
für Kinder	rechts
para niños	derecha
pour enfants	droite
per bambini	destra



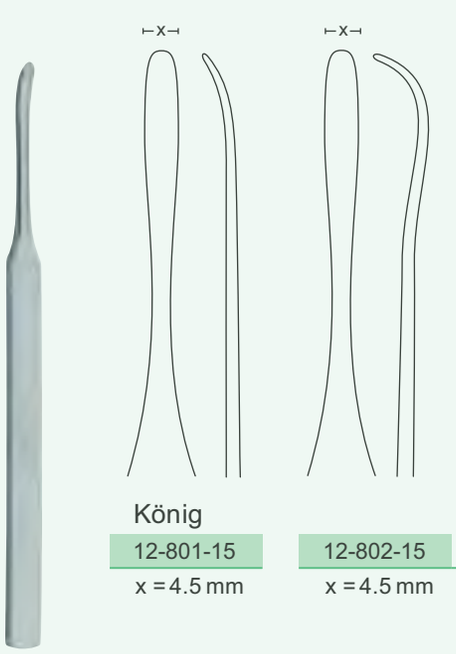
Quervain

12-799-19	
19.5 cm - 7 ¾"	
x = 6 mm	



Trelat

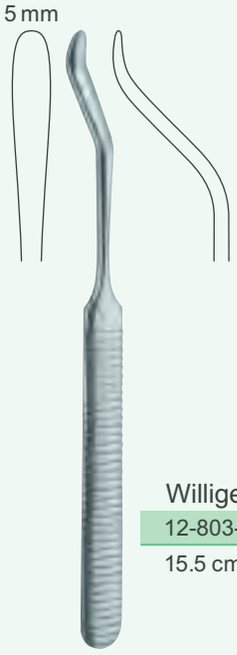
12-800-15	
15 cm - 6"	
x = 8 mm	



König

12-801-15	
x = 4.5 mm	

12-802-15	15.5 cm - 6"
x = 4.5 mm	



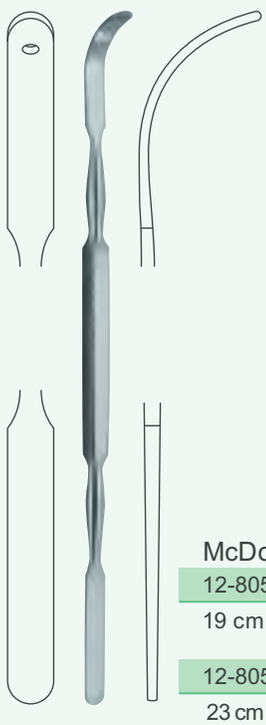
Williger

12-803-15	15.5 cm - 6”



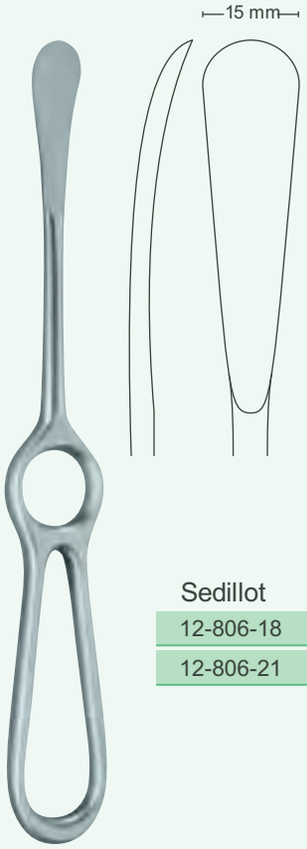
Alderdyce

12-804-21	21 cm - 8 ¼”



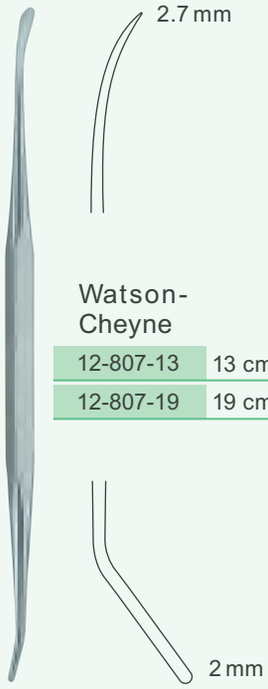
McDonald

12-805-19	19 cm - 7 ½”
12-805-23	23 cm - 9" Less curved Without hole



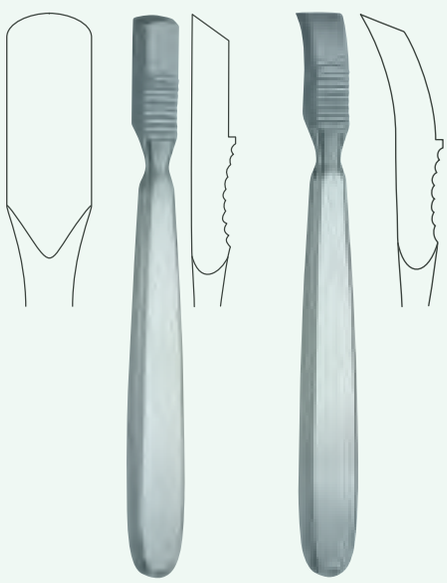
Sedillot

12-806-18	18.5 cm - 7 ¼”
12-806-21	21 cm - 8 ¼”



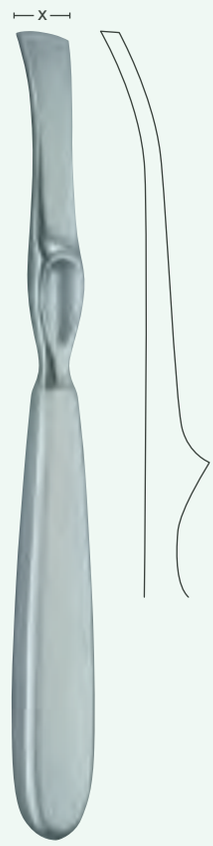
Watson-Cheyne

12-807-13	13 cm -5 ¼”
12-807-19	19 cm - 7 ½”



Farabeuf

straight	curved	
12-808-15	12-809-15	15 cm - 6”
gerade	gebogen	
recta	curva	
droit	courbe	
retto	curvo	



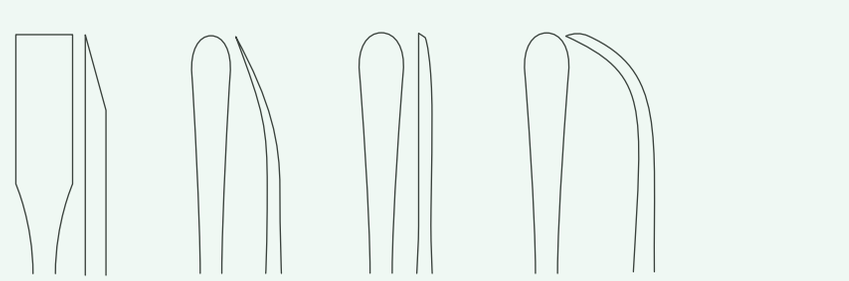
Lambotte

12-810-05	x = 5 mm
12-810-10	x = 10 mm
12-810-15	x = 15 mm
12-810-20	x = 20 mm
12-810-25	x = 25 mm

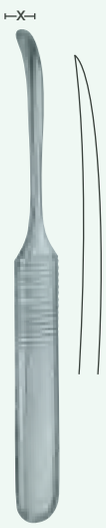
21 cm - 8 ¼”



Adson



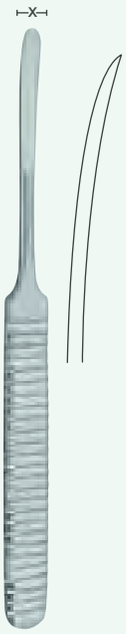
12-811-17	12-812-17	12-813-17	12-814-17	17 cm - 6 ¾”
Fig.1	Fig.2	Fig.3	Fig.4	



Williger

12-815-13	13 cm - 5”

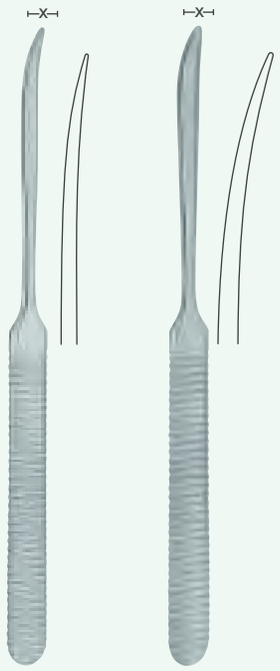
x = 5 mm



Williger

12-816-16	x = 4 mm
12-817-16	x = 6 mm

16 cm - 6 ¼”



Williger

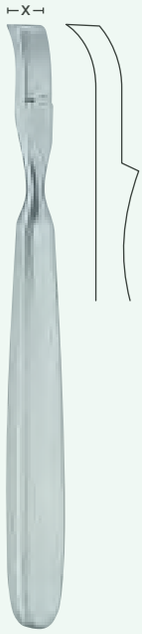
12-818-16		12-819-16	16 cm - 6 ¼”
x = 5 mm		x = 6.5 mm	



Farabeuf-Collin

12-820-16	

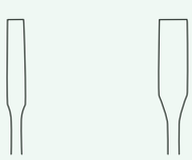
x = 11 mm



12-821-16	16 cm - 6 ¼”

x = 11 mm





Obwegeser

12-822-15	12-823-15	15 cm - 6”
2.5 mm	4 mm	



Obwegeser

12-824-18

18.5 cm - 7 ¼”



Obwegeser

12-825-18

18.5 cm - 7 ¼”



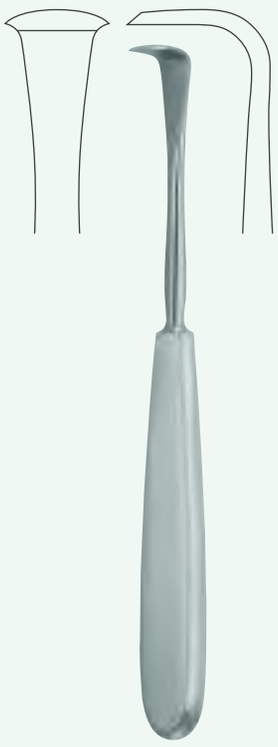


Semb

12-826-17	12-827-21	12-828-17	12-829-21	12-830-22	12-831-22
17.5 cm - 7”	21 cm - 8 ¼”	17.5 cm - 7”	21 cm - 8 ¼”	22.5 cm - 8 ¾”	22.5 cm - 8 ¾”
12 mm	12 mm	13 mm	13 mm	13 mm	15 mm



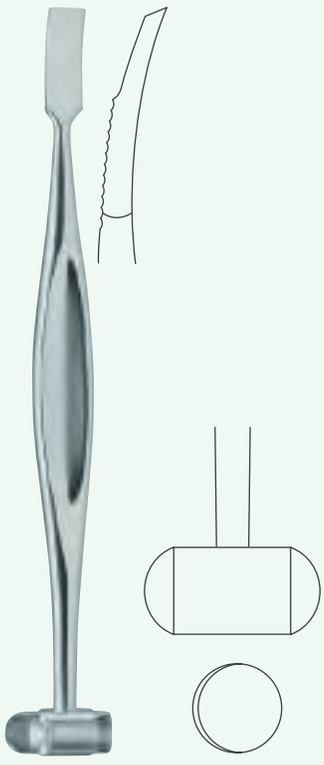
Howarth
12-832-21
21.5 cm - 8 ½”
sharp / blunt
scharf/ stumpf
aguda/ roma
pointu / mousse
acuta / smussa



Langenbeck
12-833-18
18 cm - 7”



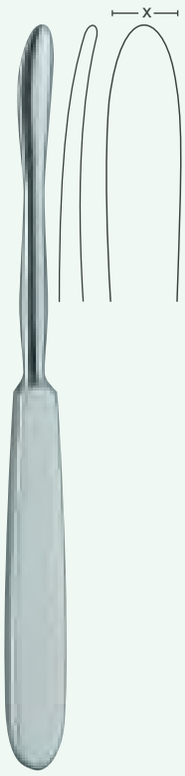
Langenbeck
12-834-19
19 cm - 7 ½”



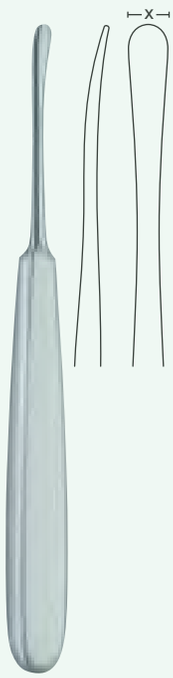
Alexander
12-835-20
20 cm - 8”



Langenbeck
12-836-20
x = 8 mm
20 cm - 8”



Langenbeck
12-837-20
x = 10 mm
20 cm - 8”



Sebileau
12-838-17 17.5 cm - 7”
x = 5 mm



extremely light
extrem leicht
extremamente ligero
extrémement leger
estremamente legera

Maxon
12-839-17 17.5 cm - 7”



Schneider
12-222-17
17.5 cm - 7 ”
13 mm



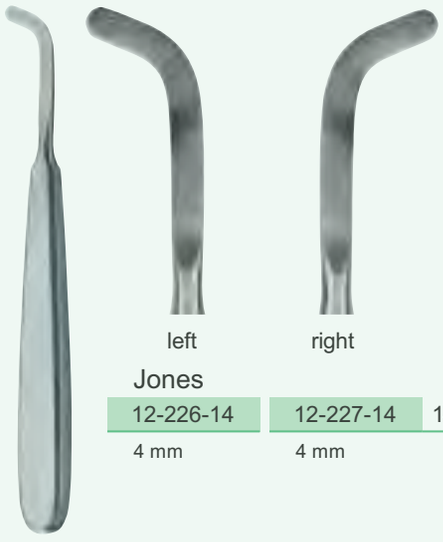
Schneider-Sauerbruch
12-223-19
19 cm - 7 ½”
13 mm



Jansen
12-224-16
16.5 cm - 6 ½”
15 mm



Cushing
12-225-19
19.5 cm - 7 ¾”
5 mm



left
right
Jones
12-226-14
12-227-14
14 cm - 5 ½”
4 mm
4 mm



Cushing-Hopkins

12-228-19	
19 cm - 7 ½”	



Jones Modified

12-229-06	6 mm
12-229-08	8 mm
17 cm - 6 ¾”	







Caspar

12-230-18	12-231-18	18 cm - 7"
sharp	blunt	
6,2 mm	6,2 mm	



Mühling

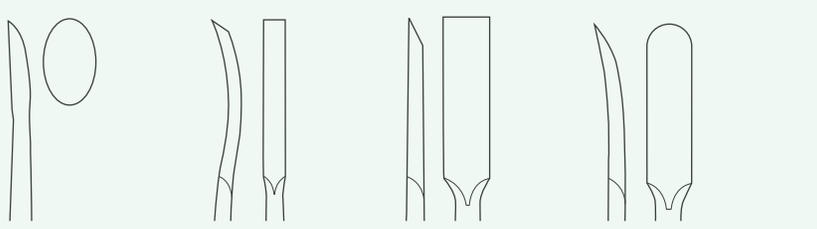
12-232-17	12-233-17	17 cm - 6 ¾”
4 mm	4 mm	
12-234-17	12-235-17	17 cm - 6 ¾”
4 mm	6 mm	



Adson

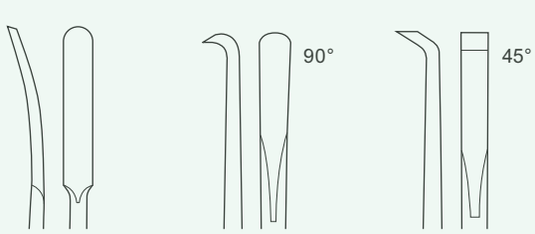
12-236-05	12-237-05	5 mm
12-236-07	12-237-07	7 mm
16.5 cm - 6 ½” straight	16.5 cm - 6 ½” curved	





Manerfelt

12-238-03	12-239-03	12-240-03	12-241-03	3 mm
12-238-04	12-239-04	12-240-04	12-241-04	4 mm
12-238-06	12-239-06	12-240-06	12-241-06	6 mm
12-238-07	12-239-07	12-240-07	12-241-07	7 mm
12-238-08	12-239-08	12-240-08	12-241-08	8 mm
12-238-09	12-239-09	12-240-09	12-241-09	9 mm
15.5 cm - 6”				



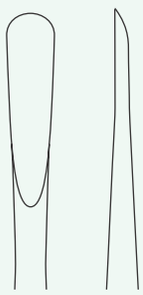
12-242-03	12-243-03	12-244-03	3.5 mm
12-242-04	12-243-04	12-244-04	4 mm
12-242-05	12-243-05	12-244-05	5 mm
12-242-06	12-243-06	12-244-06	6 mm
15.5 cm - 6”			

angled, sharp

Vally

12-245-45	12-245-90
43 cm - 17 ” 45°	43 cm - 17 ” 90°





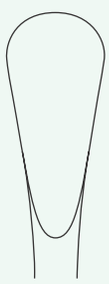
Cobb

12-246-06	12-247-06
43 cm - 17 ” 6 mm	50 cm - 19 ¾ ” 6 mm





12-247-10	12-247-13
50 cm - 19 ¾” 10 mm	50 cm - 19 ¾” 13 mm





Cobb

12-840-29	x = 10 mm
12-841-29	x = 13 mm
12-842-29	x = 19 mm

29 cm - 11 ½”

Spinal raspatory
Wirbelsäulen-Raspatorium
Rugine vertebral
Raspatario vertebral
Periostotomo vertebrale

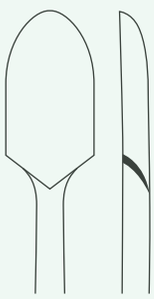


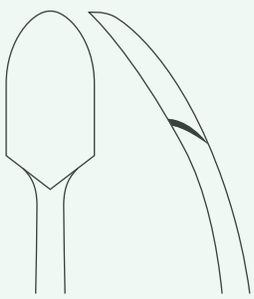
Key

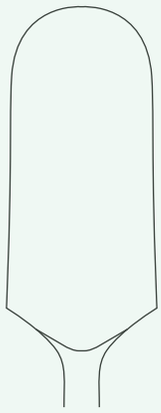
12-843-18	12-844-19	12-845-19
18 cm - 7”	19 cm - 7 ½”	19 cm - 7 ½”
x = 6 mm	x = 10 mm	x = 12 mm

12-846-20	12-847-21
20 cm - 8”	21 cm - 8 ¼”
x =19 mm	x =25 mm







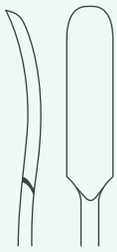


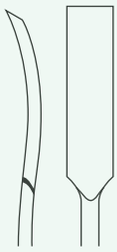
Steger Round

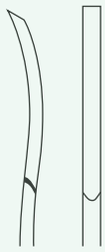
12-848-20	12-849-20	12-850-20 20 cm - 8”
Fig.1	Fig.2	Fig. 3
14 mm	14 mm	20 mm
straight	curved	gerade
gerade	gebogen	straight
droit	courbe	droit
recta	curva	recta
rette	curve	rette

Ferrozell handle
Ferrozellgrif
Manche en Ferrozell
Mango en Ferrozell
Manico di Ferrozell







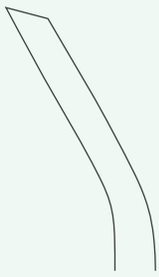


Steger Slim

12-851-18	12-852-18	12-853-18
Fig.1	Fig.2	Fig.3
6 mm	3 mm	6 mm
18 cm - 7”	18 cm - 7”	18 cm - 7”

Ferrozell handle
Ferrozellgrif
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell







Steger Angled

12-248-19	12-249-19
19 cm - 7 ½ ”	19 cm - 7 ½”
angled	straight
13 mm	13 mm



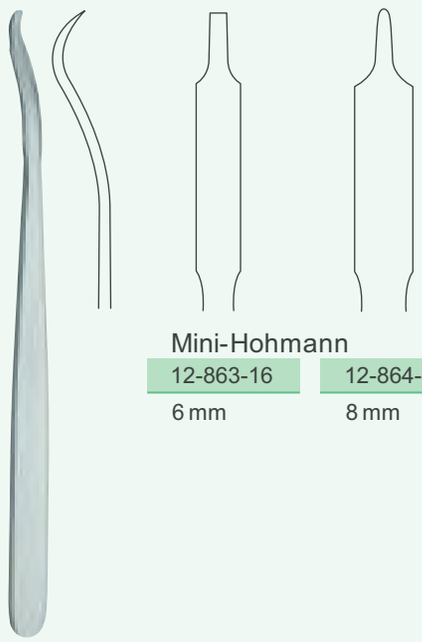
Hohmann

12-854-22	12-855-22	12-856-24	12-857-24
22 cm - 8 ¾” x = 8 mm	24 cm - 9 ½” x = 18 mm	24 cm - 9 ½” x = 43 mm	24 cm - 9 ½” x = 70 mm



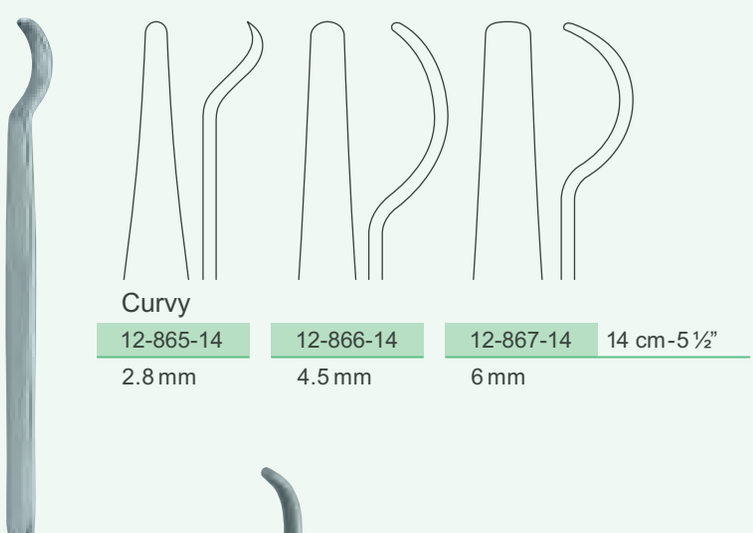
Hohmann

12-858-24	12-859-26	12-860-28	12-861-26	12-862-26
24.5 cm - 9 ¾” x = 43 mm	26 cm - 10 ¼” x = 22 mm	28 cm - 11” x = 33 mm	26.5 cm - 10 ½” x = 24 mm	26 cm - 10 ¼” x = 22 mm



Mini-Hohmann

12-863-16	12-864-16	16 cm - 6 ¼”
6 mm	8 mm	



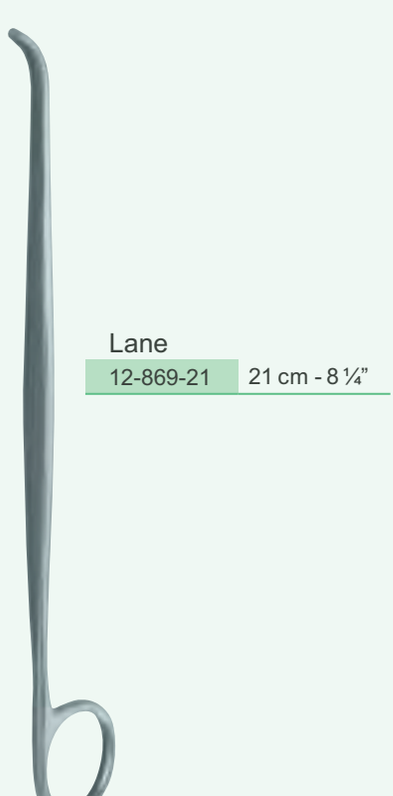
Curvy

12-865-14	12-866-14	12-867-14	14 cm - 5 ½”
2.8 mm	4.5 mm	6 mm	



Bristow

12-868-23	23 cm - 9”



Lane

12-869-21	21 cm - 8 ¼”









Bennett

12-870-24	x = 43 mm
12-871-24	x = 60 mm

24 cm - 9 ½”

Murphy-Lane

12-872-34

34 cm - 13 ½”

Luxation lever
Luxationshebel
Palanca de luxación
Levier de luxation
Leva per luxazione

Blount

12-873-26

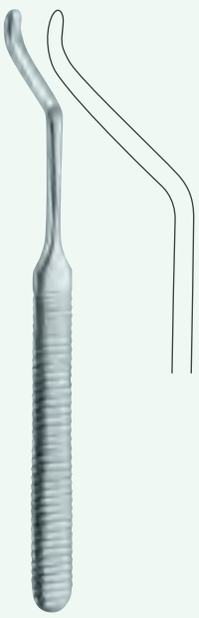
Lane

12-874-26

26 cm - 10 ¼”

Lange-Hohmann mod.

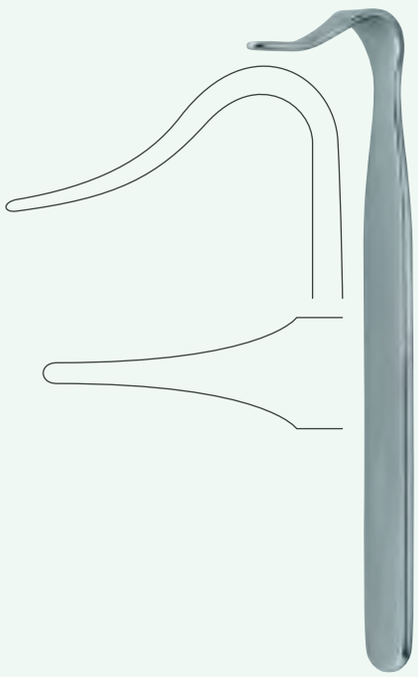
12-875-26	12-876-28
26.5 cm - 10 ½”	28 cm - 11”
x = 30 mm	x = 33 mm



Hohmann-Williger

12-877-16

16 cm - 6 ¼”



Blount

12-878-17

17.5 cm - 7”



Taylor

12-879-16 a = 75 mm – b = 30 mm

12-880-16 a = 100 mm – b = 30 mm

16.5 cm - 6 ½”

Meniscotomy knives
Meniskotome
Bisturíes para meniscos
Bistouries à ménisques
Coltelli Meniscotomy



Bircher

12-881-19

19 cm - 7 ½”



Smillie

12-882-17

17 cm - 6 ¾”

Fig. 1



12-883-17

17 cm - 6 ¾”

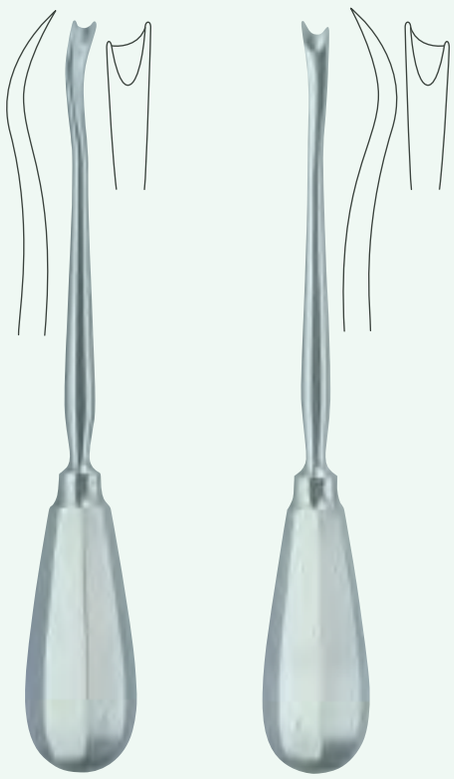
Fig. 2



12-884-17

17 cm - 6 ¾”

Fig. 3

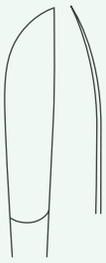


Kanadisches Modell

12-885-20
Fig. 1

12-886-20 20 cm - 8”
Fig. 2

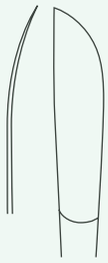




Neff

12-887-22

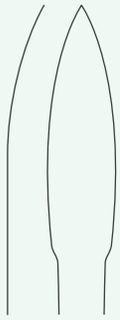
left
links
izquierda
gauche
sinistra



12-888-22 22 cm - 8 ¾”

right
rechts
derecha
droit
destra





Nilcon

12-889-18

18 cm - 7”



Wixon

12-890-23	12-891-23	12-892-23	23 cm - 9”
4.0 mm Ø	4.5 mm Ø	5.5 mm Ø	

Malleable shaft
Schaft biegsam
Tige malléable
Tija maleable
Asta malleabile



Bunnell

12-893-15	12-894-15	12-895-15	15 cm - 6”
Fig.1	Fig.2	Fig.3	

12-896-15	12-897-15
Fig.4	Fig.5



Fischer

12-898-31

31 cm - 12 ¼”



Bunnell

12-899-23

23 cm - 9”

Tendon passer
Sehnendurchzugsonde
Sonde conductrice pour tendons
Sonda conductora de tendones
Sonda conduttrice per tendini

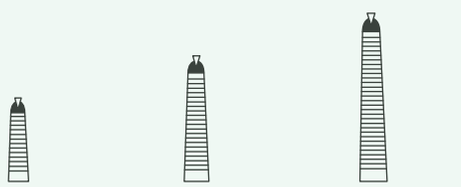


Kleinert-Kutz

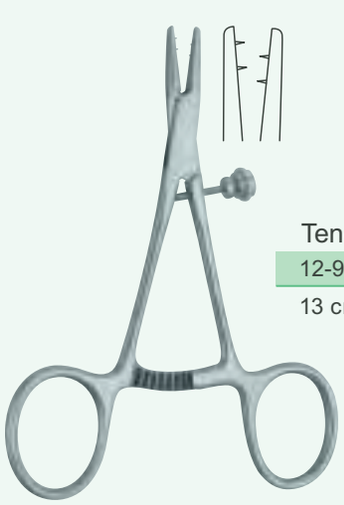
12-900-20

20 cm - 8”
20 mm Ø



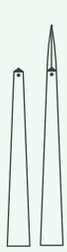


Brand	12-901-15	12-902-19	12-903-24
	15 cm - 6”	19 cm - 7 ½”	24 cm - 9 ½”



Tendon	12-904-13
	13 cm - 5”

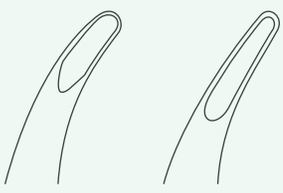






Tendon	12-905-15	12-906-15
	15 cm - 6”	15 cm - 6”





Luer

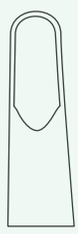
12-907-15

Fig.1
15 cm - 6”

12-908-15

Fig.2
15 cm - 6”

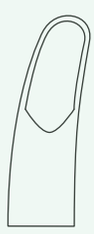




Luer

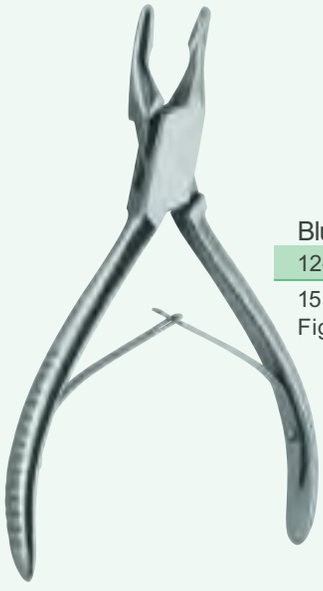
12-909-17

17 cm - 6¾”



12-910-17

17 cm - 6¾”





Blumenthal

12-911-15

15.5 cm - 6”
Fig.1



12-912-15

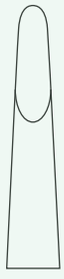
15.5 cm - 6”
Fig.2



12-913-15

15.5 cm - 6”
Fig.3





Jansen

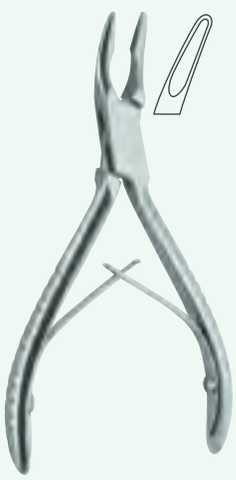
12-914-18

18 cm - 7”
Fig.1



12-915-18

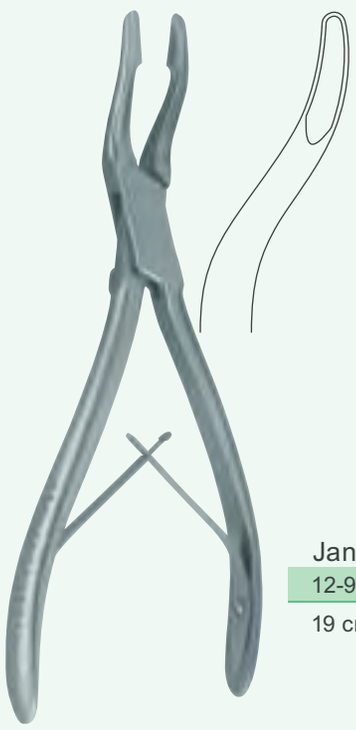
18 cm - 7”
Fig.2



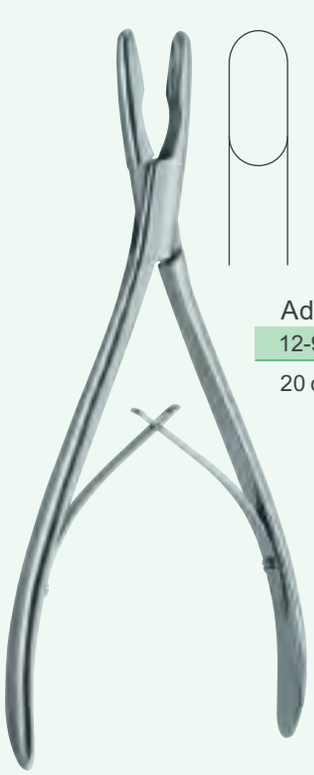
Mini-
Friedmann
12-916-12
12 cm - 4 ¾”



Friedmann
12-917-14
14 cm - 5 ½”



Jansen
12-918-19
19 cm - 7 ½”

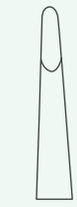


Adson
12-919-20
20 cm - 8”



Bacon
12-920-21
21 cm - 8 ¼”





Lempert

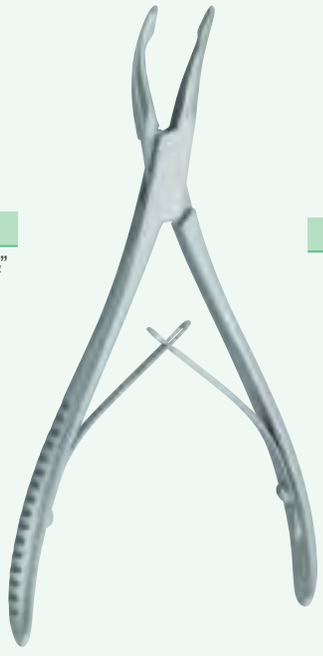
12-921-19

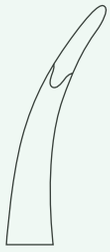
19 cm - 7 ½”



12-922-19

19 cm - 7 ½”

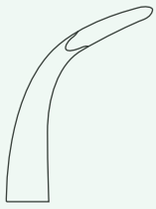




Stellbrink

12-923-17

17.5 cm - 7”
slightly curved
leicht gebogen
ligeramente curvada
légèrement courbe
legermente curvata



12-924-17

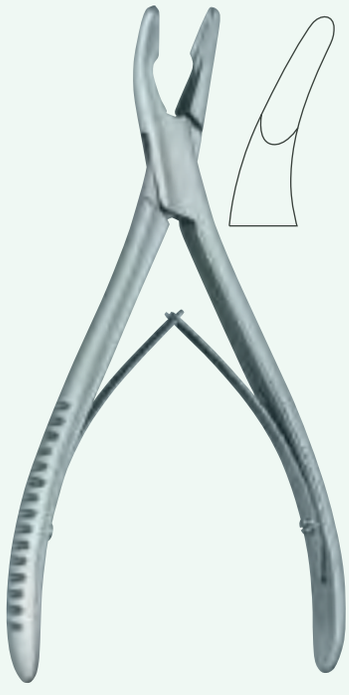
17.5 cm - 7”
strongly curved
stark gebogen
fuertemente curvada
très courbe
fortemente curvata



Olivecrona

12-925-20

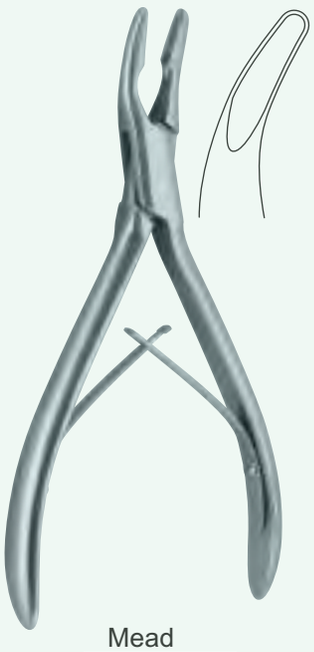
20.5 cm - 8”



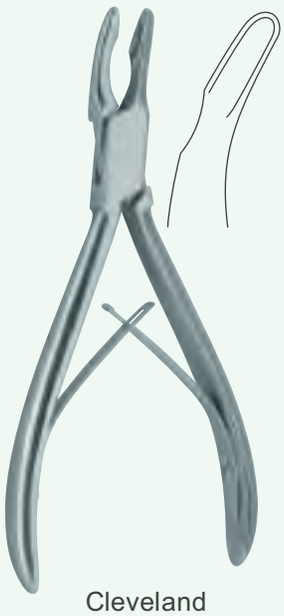
Hartmann

12-926-17

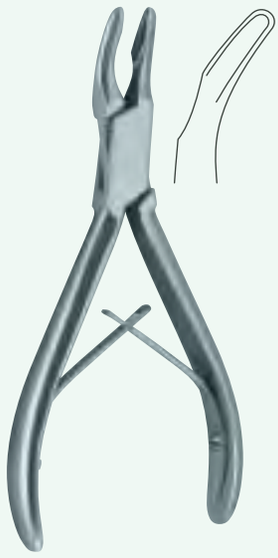
17.5 cm - 7”



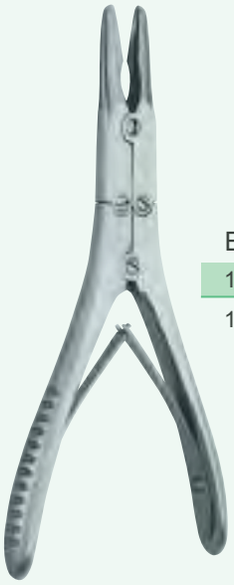
Mead
12-927-16
16.5 cm - 6 ½”



Cleveland
12-928-17
17 cm - 6 ¾”



Cleveland
12-929-14
14 cm - 5 ½”

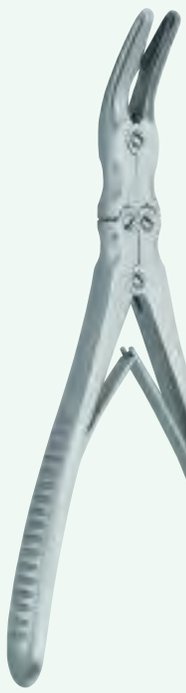


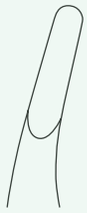




Böhler
12-930-15
15 cm - 6”

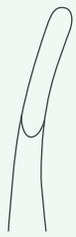
12-931-15
15 cm - 6”



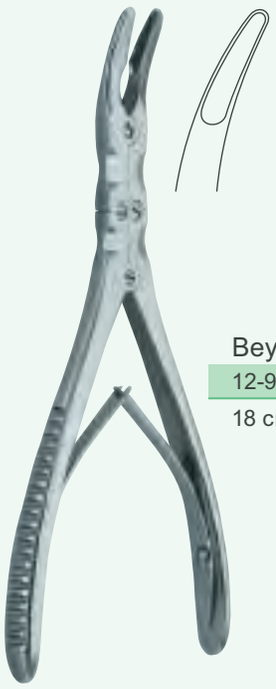


Zaufal-Jansen
12-932-18
18 cm - 7”





Marquardt
12-933-20
20 cm - 8”

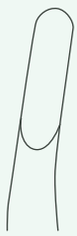


Beyer
12-934-18
18 cm - 7”





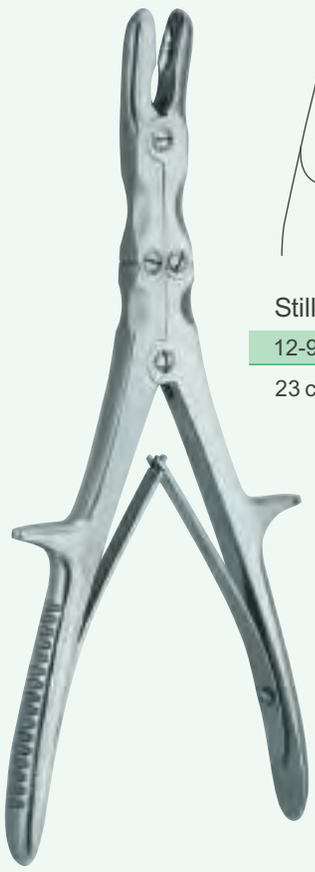
Ruskin
12-935-18
18 cm - 7”

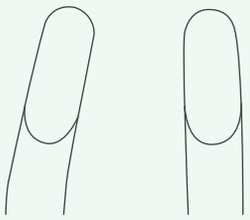


12-936-18
18 cm - 7”



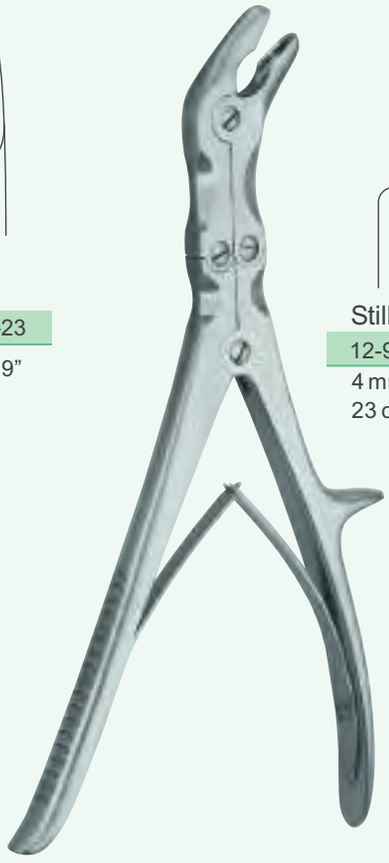
Mayfield
12-937-17
17.5 cm - 7”





Stille-Ruskin

12-938-23	12-939-23
23 cm - 9”	23 cm - 9”

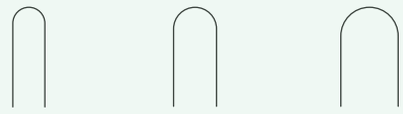




Stille

12-940-23	12-941-23	12-942-23
4 mm 23 cm - 9”	6 mm 23 cm - 9”	8 mm 23 cm - 9”

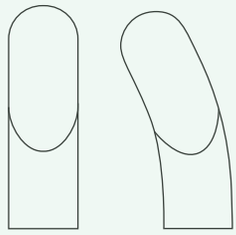




Leksell

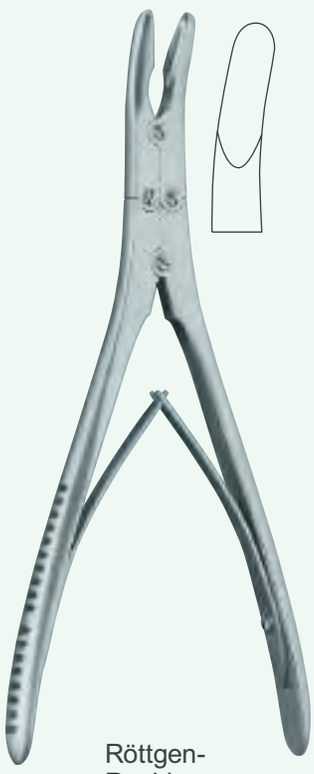
12-943-24	12-944-24	12-945-24
4 mm 24 cm - 9 ½”	6 mm 24 cm - 9 ½”	8 mm 24 cm - 9 ½”





Stille-Luer

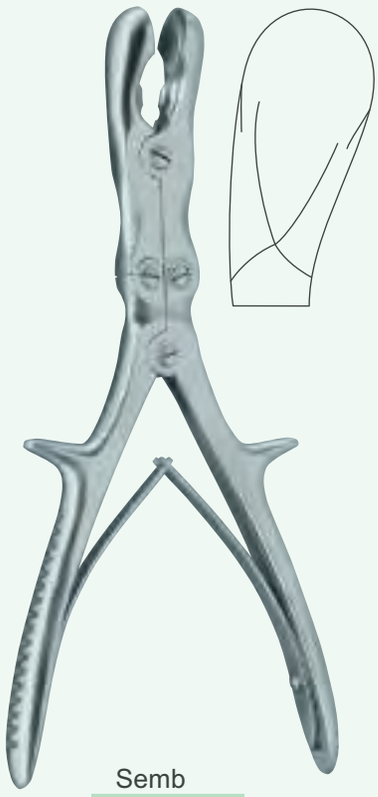
12-946-22	12-947-22
22 cm - 8 ¾”	22 cm - 8 ¾”



Röttgen-Ruskin

12-948-23

23 cm - 9”



Semb

12-949-24

24 cm - 9 ½”







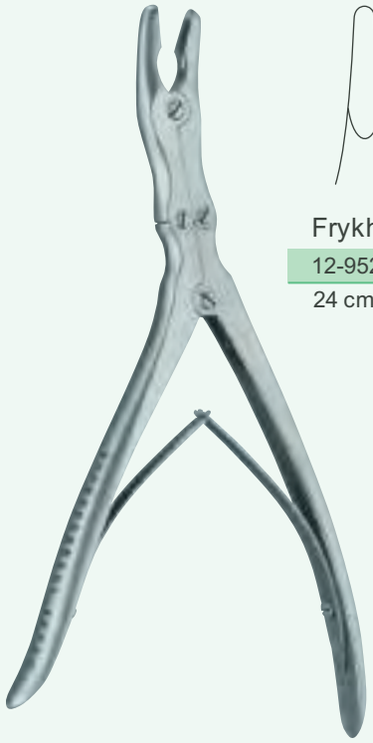
Echlin

12-950-23

23 cm - 9”

12-951-23

23 cm - 9”



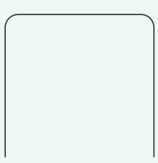


Frykholm

12-952-24

24 cm - 9 ½”

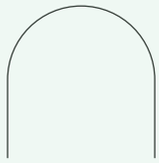




Sauerbruch

12-953-30

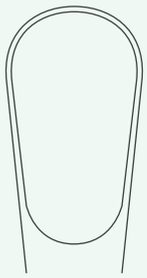
Fig.1



12-454-30 30 cm - 12”

Fig.2

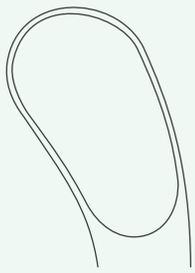




Luer-Stille

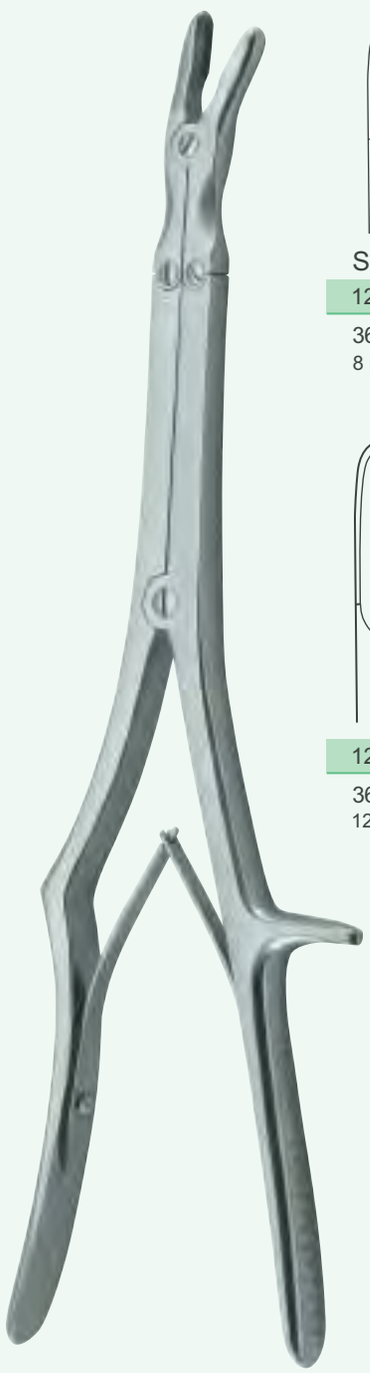
12-955-27

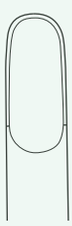
Fig. 1



12-956-27 27 cm - 10 ¾”

Fig. 2

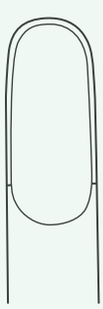




Sypert

12-250-08

36 cm - 14 ¼ ”
8 mm



12-250-12

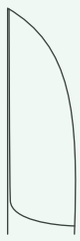
36 cm - 14 ¼ ”
12 mm

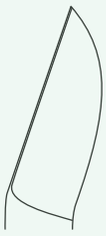


Cottle-Kazanjian

12-957-19
19 cm - 7 ½”

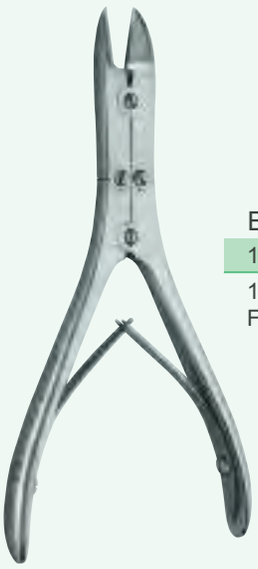






Liston

12-958-14	12-959-14 14 cm - 5 ½”
12-958-17	12-959-17 17 cm - 6 ¾”
12-958-19	12-959-19 19 cm - 7 ½”
12-958-22	12-959-22 22 cm - 8 ¾”



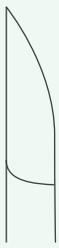


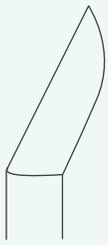


Bohler

12-960-16	12-961-16
15 cm - 6”	15 cm - 6”
Fig. 1	Fig. 2



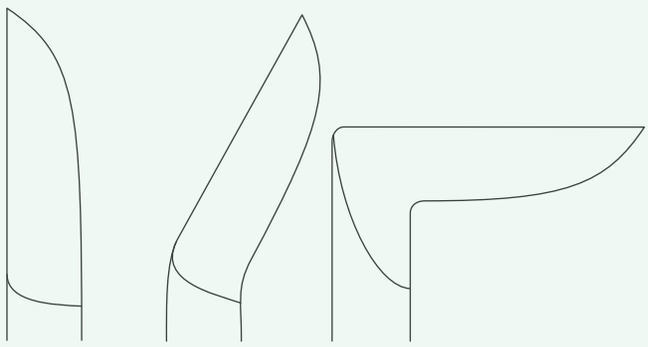




Ruskin-Liston

12-962-18	12-963-18
18.5 cm - 7 ¼”	18.5 cm - 7 ¼”
Fig. 1	Fig. 2





Stille-Liston

12-964-27	12-965-27	12-966-27	27 cm - 10 ¾”
Fig. 1	Fig. 2	Fig. 3	



Semb

12-967-24

24 cm - 9 ½”



Liston-Key Horsley

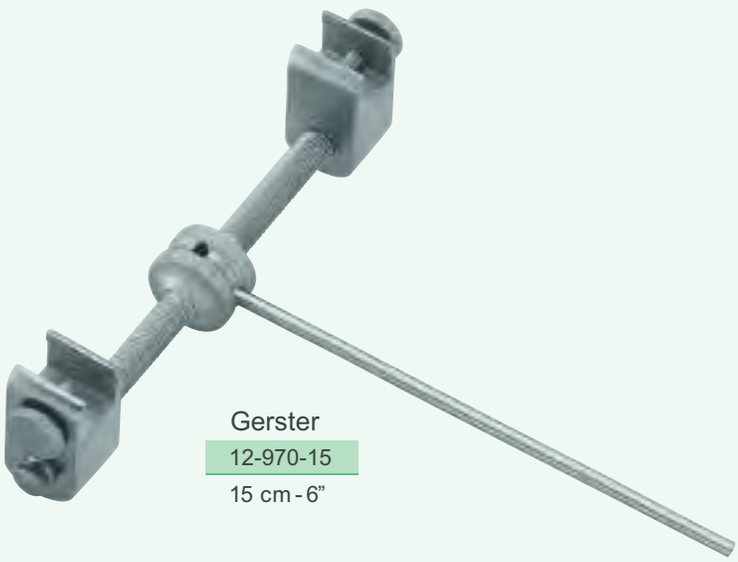
12-968-27

27 cm - 10 ¾”



Gerster-Lowmann

12-969-18	18 cm - 7”	x = 28 mm
12-969-20	20 cm - 8”	x = 35 mm
12-969-22	22 cm - 8 ¾”	x = 40 mm

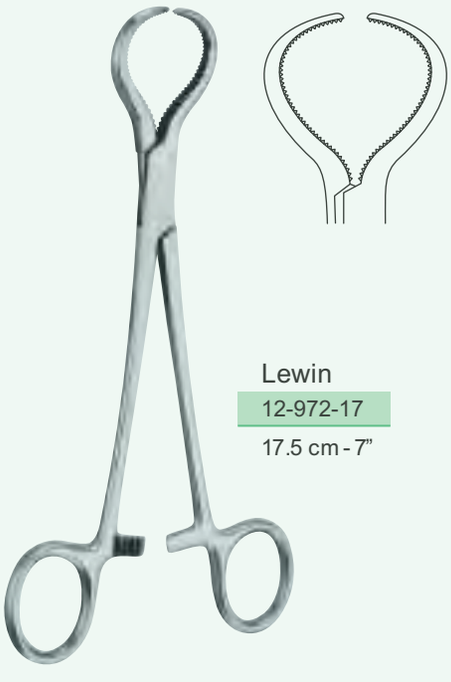


Gerster
12-970-15
15 cm - 6”

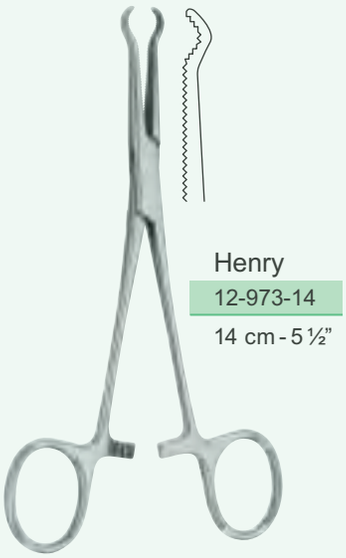
Bone holding forceps – Reposition forceps
Knochenhaltezangen – Repositionszangen
Pinzas para huesos – Pinzas para reposición
Daviers porte-os – Pinces de reposition
Tenendo pinza Bone - Riposizionare forcipe



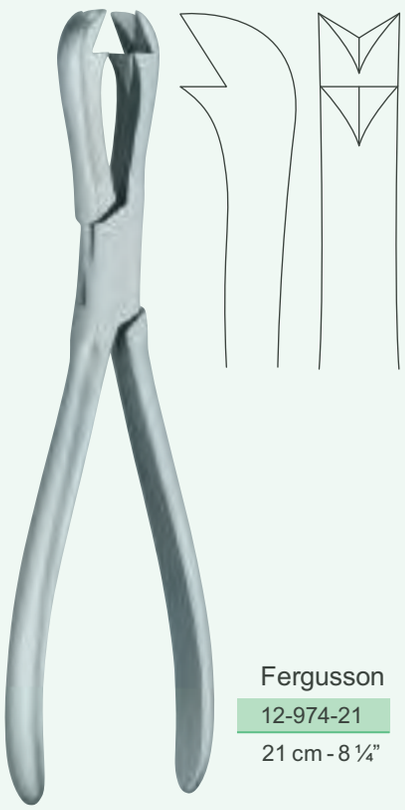
Gibway
12-971-13
13.5 cm - 5 ¼”



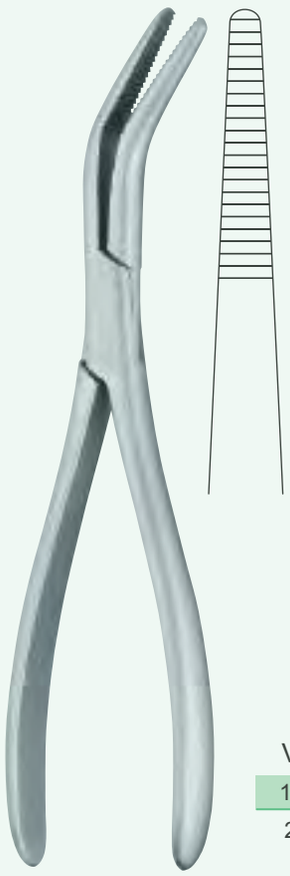
Lewin
12-972-17
17.5 cm - 7”



Henry
12-973-14
14 cm - 5 ½”



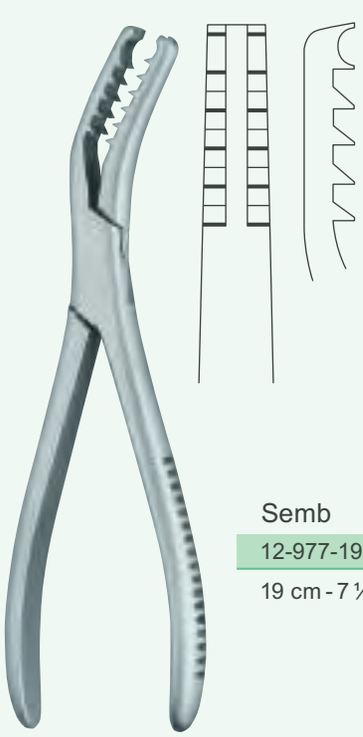
Fergusson
12-974-21
21 cm - 8 ¼”



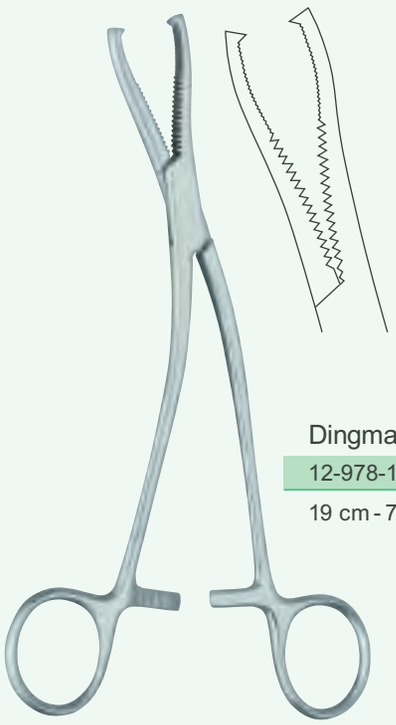
Van Buren
12-975-23
23 cm - 9”



Langenbeck
12-976-21
21 cm - 8 ¼”



Semb
12-977-19
19 cm - 7 ½”

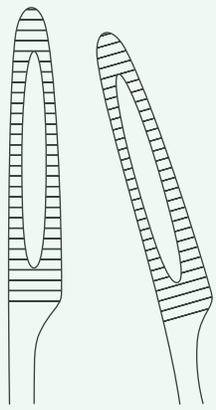


Dingmann

12-978-19

19 cm - 7 ½”

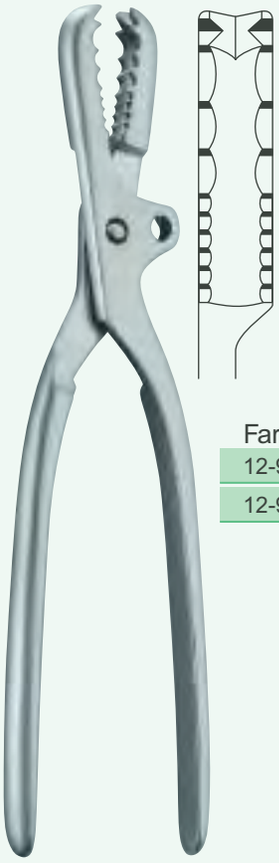




Bare

12-979-20 12-980-20 20 cm - 8”

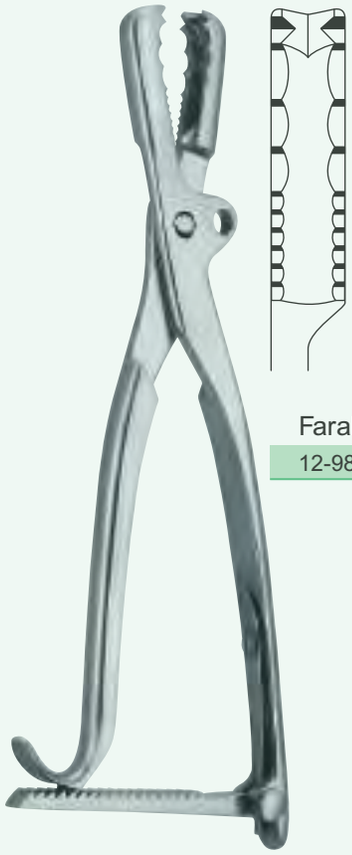
Sequestrum forceps
Sequesterzange
Pinza para Sequestrum
Pince pour Sequestrum
Pinza per Sequestrum



Farabeuf

12-981-23 23 cm - 9”

12-982-26 26 cm - 10 ¼”



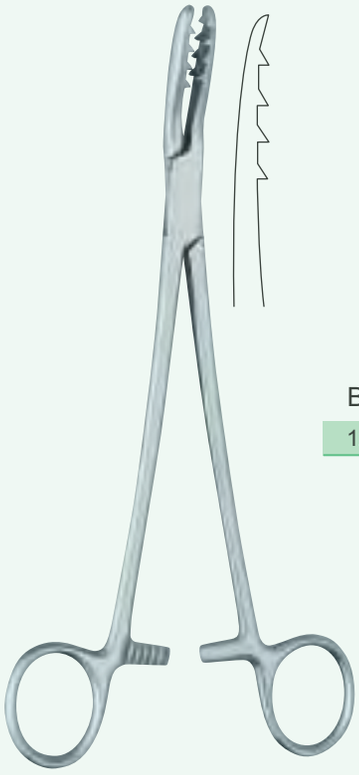
Farabeuf-Lambotte

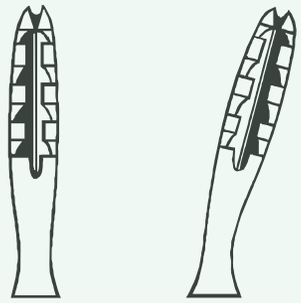
12-983-26 26 cm - 10 ¼”



Martin

12-984-19	19 cm - 7 ½”





Bircher-Ganske

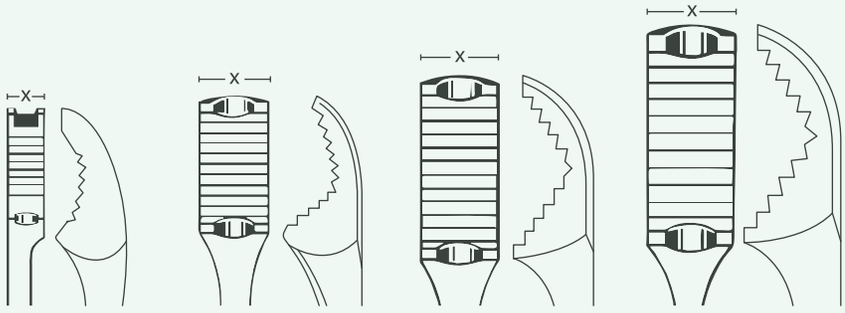
12-985-20	12-986-20	20 cm - 8”



Hey Groves

12-987-21	21 cm - 8 ¼”	x = 6.5 mm
12-987-27	27 cm - 10 ¾”	x = 7.5 mm
12-987-30	30.5 cm - 12”	x = 8.5 mm





Verbrugge

12-988-17	12-989-25	12-990-26	12-991-27
17.5 cm - 7” x = 5.0 mm	25 cm - 10” x = 9.5 mm	26 cm - 10 ¼” x = 10.5 mm	27 cm - 10 ¾” x = 12.0 mm



Kern

12-992-17	17 cm - 6 ¾”
12-992-21	21 cm - 8 ¼”



Kern

12-993-17	17 cm - 6 ¾”
12-993-21	21 cm - 8 ¼”

Self-retaining



Lane

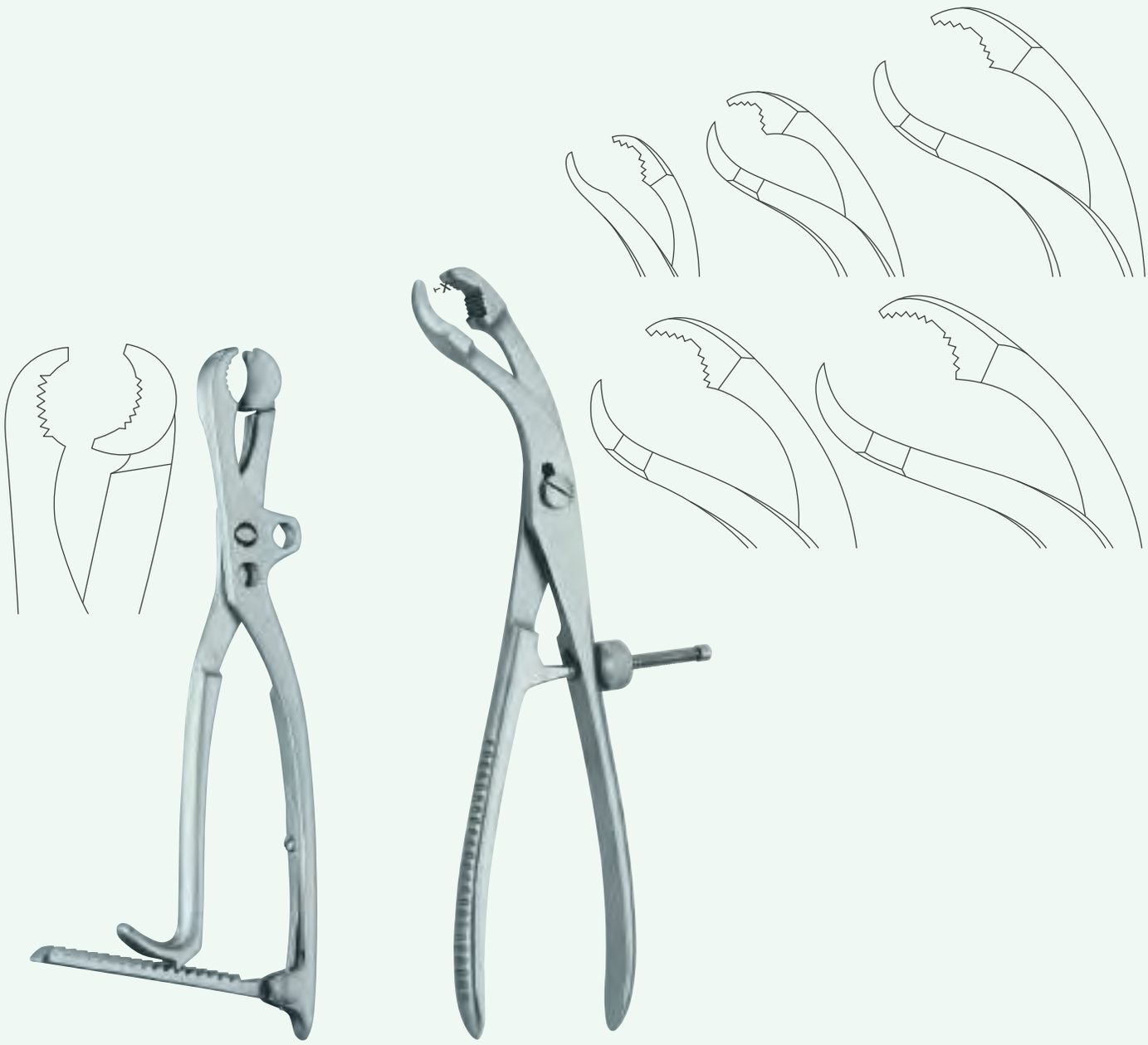
12-995-33	33 cm - 13”
12-995-45	45 cm - 17 ¾”



Lane

12-994-33	33 cm - 13”
12-994-45	45 cm - 17 ¾”

Self-retaining



Lambotte

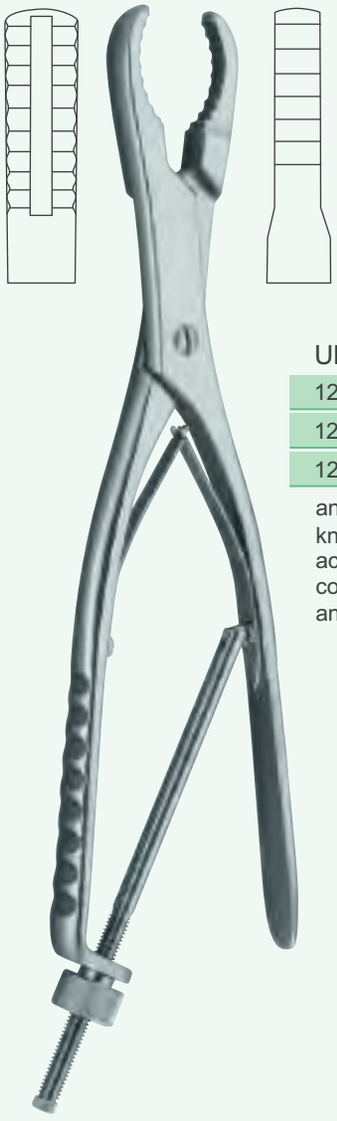
12-996-22	22 cm - 8 ¾”
12-996-27	27 cm - 10 ¾”
12-996-30	30 cm - 12”

one jaw mobile
ein Maulteil beweglich
una boca movible
un mors mobile
una parte del morso mobile

Lumbart

12-997-15	15 cm - 6”	x = 2.5 mm
12-997-19	19 cm - 7 ½”	x = 6.5 mm
12-997-24	24 cm - 9 ½”	x = 9.5 mm
12-997-26	26 cm - 10 ¼”	x = 10.0 mm
12-997-28	28 cm - 11”	x = 11.0 mm

self-centering
selbstzentrierend
autocentrante
auto-centreur
autocentrante



Ulrich

12-998-23	12-999-23 23 cm - 9”
12-998-25	12-999-25 25 cm - 9 ¾”
12-998-28	12-999-28 28 cm - 11”

angular
kniegebogen
acodada
coudée
angolata

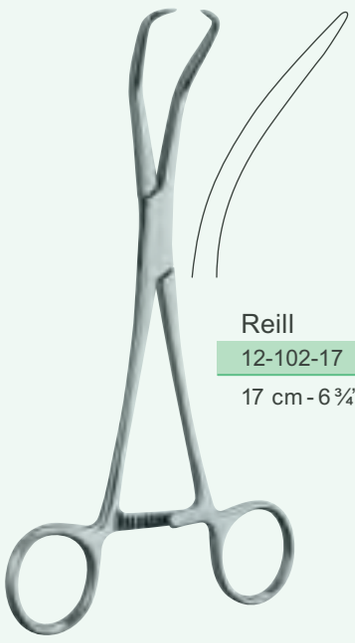


Carl

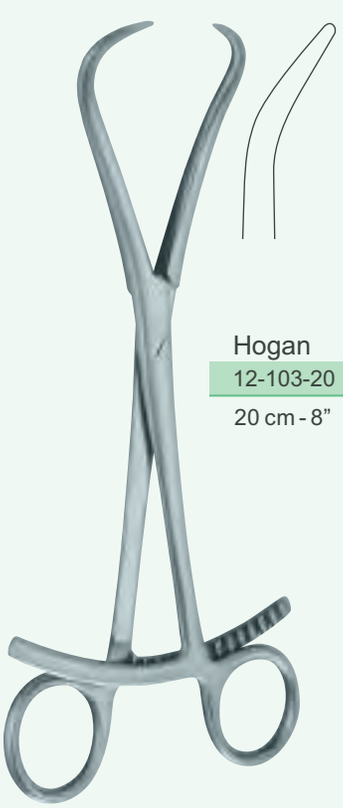
12-100-16	16 cm - 6 ¼”
12-100-24	24 cm - 9 ½”



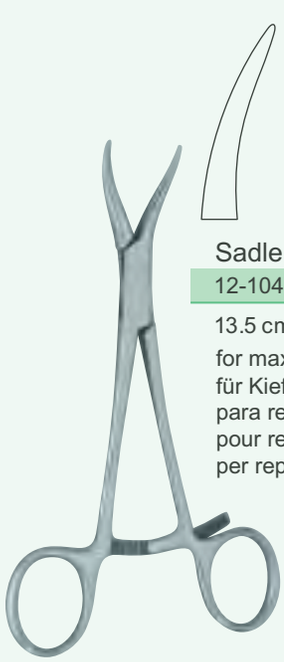
Minipal
12-101-13
13.5 cm - 5 ¼”



Reill
12-102-17
17 cm - 6 ¾”



Hogan
12-103-20
20 cm - 8”

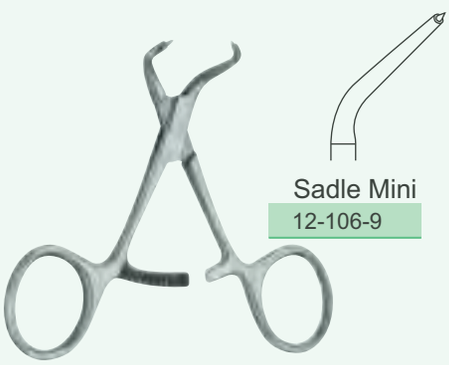


Sadle
12-104-13
13.5 cm - 5”
for maxillary reposition
für Kieferreposition
para reposición mandibular
pour reposition mandibulaire
per reposizione mandibulare



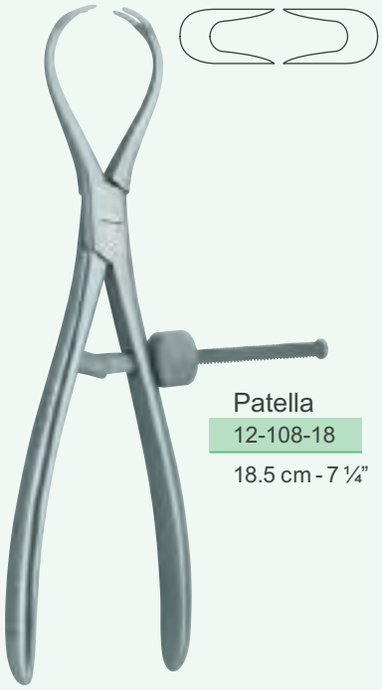
Haase
12-105-16
16.5 cm - 6 ½”

for mandibular fractures
für Unterkieferfrakturen
para fracturas del mandibulo
pour fractures mandibulaires
per fratture mandibulare



Sadle Mini
12-106-9

12-107-9 9.5 cm - 3 ¾”



Patella
12-108-18
18.5 cm - 7 ¼”



Malleolar
12-109-21
21 cm - 8 ¼”



Demel

12-110-32	x = 32 mm
12-110-45	x = 45 mm
12-110-62	x = 62 mm

28 cm - 11”



Demel

12-111-28

28 cm - 11”



Loute

12-112-21	21 cm - 8 ¼”



Tightner

12-113-13	13 cm - 5”



12-114-01	0.2 mm Ø
12-114-02	0.3 mm Ø
12-114-03	0.4 mm Ø
12-114-04	0.5 mm Ø
12-114-05	0.6 mm Ø
12-114-06	0.7 mm Ø
12-114-07	0.8 mm Ø
12-114-08	0.9 mm Ø
12-114-09	1.0 mm Ø
12-114-10	1.2 mm Ø
12-114-11	1.5 mm Ø

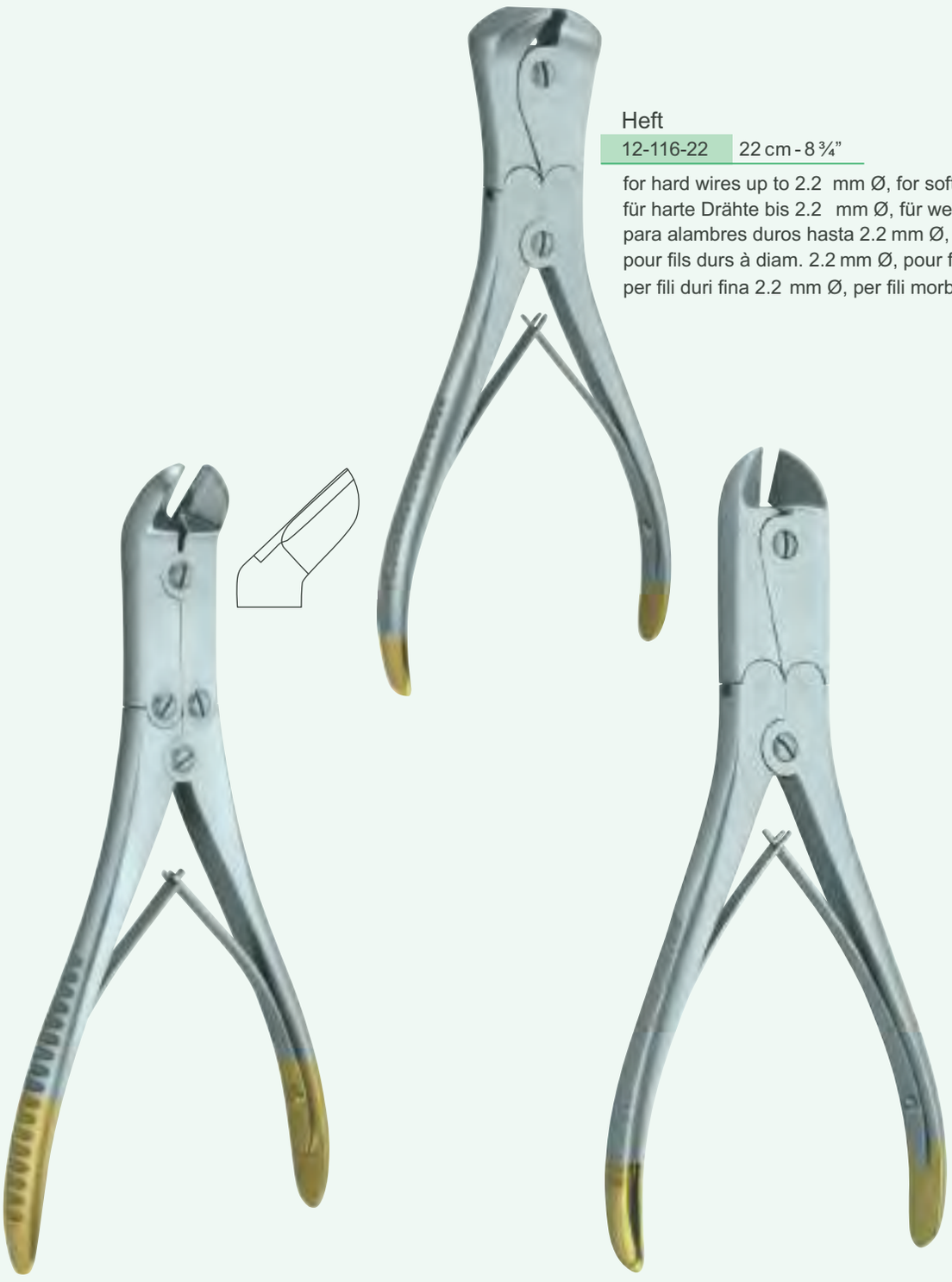
Bone wire, soft, in coils of 10 m
Knochendraht, weich, in Ringen à 10 m
Alambre de cerclaje, blando, de 10 m
Fil de cerclage, souple, de 10 m
Filo per ossa, morbida, anelli da 10 m



12-115-01	0.8 mmØ x 280 mm
12-115-02	1.0 mmØ x 280 mm
12-115-03	1.2 mmØ x 280 mm
12-115-04	1.0 mmØ x 600 mm
12-115-05	1.2 mmØ x 600 mm



Bone wire with eye, soft, package of 10 pieces
Knochendraht mit Auge, weich, Packung à 10 Stück
Alambre de cerclaje, blando, paqueto de 10 piezas
Fil de cerclage, souple, paquet de 10 pièces
Filo per ossa con ansa, morbida, pacchetto di 10 pezzi



Heft

12-116-22 22 cm - 8 ¾”

for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø
für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø
pour fils durs à diam. 2.2 mm Ø, pour fils souples à 3 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø

Taxon

12-117-22 22 cm - 8 ¾”

for hard wires up to 2.2 mm Ø, for soft wires up to 2.8 mm Ø
für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 2.8 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 2.8 mm Ø
pour fils durs à 2.2 mm Ø, pour fils souples à 2.8 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 2.8 mm Ø

Kilborn

12-118-23	12-118-23	23 cm - 9”
straight	curved	

for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø
für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø
pour fils durs à 2.2 mm Ø, pour fils souples à 3 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø



T-Cut
Fig. 1

12-119-18 18 cm - 7”

for hard wires up to 1.5 mm Ø, for soft wires up to 2 mm Ø
für harte Drähte bis 1.5 mm Ø, für weiche Drähte bis 2 mm Ø
para alambres duros hasta 1.5 mmØ, y alambres blandos de 2 mm Ø
pour fils durs à 1.5 mm Ø, pour fils souples à 2 mm Ø
per fili duri fina 1.5 mm Ø, per fili duri morbidi fino a 2 mm Ø



T-Cut
Fig. 2

12-120-18 18 cm - 7”

for hard wires up to 1.7 mm Ø, for soft wires up to 2 mm Ø
für harte Drähte bis 1.7 mm Ø, für weiche Drähte bis 2 mm Ø
para alambres duros hasta 1.7 mmØ, y alambres blandos de 2 mm Ø
pour fils durs à 1.7 mm Ø, pour fils souples à 2 mm Ø
per fili fina 1.7 mm Ø, per fili morbidi fino a 2 mm Ø



Gabriel

12-121-15 15 cm - 6”

for hard wires up to 1 mm Ø, for soft wires up to 1.5 mm Ø
für harte Drähte bis 1 mm Ø, für weiche Drähte bis 1.5 mm Ø
para alambres duros hasta 1 mm Ø, y alambres blandos de 1.5 mm Ø
pour fils durs à 1 mm Ø, pour fils souples à 1.5 mm Ø
per fili duri fina 1 mm Ø, per fili morbidi fino a 1.5 mm Ø



Zim

12-122-14 14.5 cm - 5 ¾”

for hard wires up to 1 mm Ø
für harte Drähte bis 1 mm Ø
para alambres duros hasta 1 mm Ø
pour fils durs à 1 mm Ø
per fili duri fino a 1 mm Ø



soft Ø 2.5mm
hard Ø 1.5mm

Haanna

12-122-18

18.5 cm - 7 ¼”



Ultramake

12-123-57 57 cm - 22 ½”

for Kirschner wires and Steinmann pins up to 6 mm Ø
für Kirschner Drähte und Steinmann Nägel bis 6 mm Ø
para agujas de Kirschner y clavos de Steinmann hasta 6 mm Ø
pour des broches Kirschner et clous Steinmann à 6 mm Ø
per fili Kirschner e chiodi Steinmann fino a 6 mm Ø



Mochi

12-124-18 18.5 cm 7 ¼”

Kopfschneider, durchbohrt für harte Drähte bis 1.6 mm Ø
Wire cutting forceps for hard wires up to 1.6 mm Ø
Pince coupante pour fils durs à 1.6 mm Ø
Alicate para alambres duros hasta 1.6 mm Ø
Pinza taglia fili per fili duri fino a 1.6 mm Ø



soft Ø 2 mm
hard Ø 2 mm

Gravity

12-125-16

16 cm - 6 ¼”



Lionman

12-125-26 26 cm - 10 ¼”

for hard wires up to 3 mm Ø
für harte Drähte bis 3 mm Ø
para alambres duros hasta 3 mm Ø
pour fils durs à 3 mm Ø
per fili duri fino a 3 mm Ø



Passor

12-126-13	13 cm - 5”
12-126-18	18 cm - 7”



Flat one

12-127-14	14 cm - 5 ½”
12-127-17	17 cm - 6 ¾”



Flat pro

12-128-05	12-129-05 x = 5 mm
12-128-05	12-129-07 x = 7 mm
18 cm - 7”	18 cm - 7”



Twison

12-130-22	22 cm - 8 ¾”

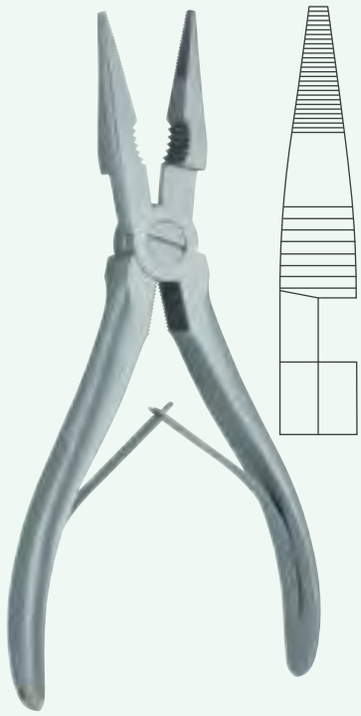
Grip-Zange, kombiniert mit TC-Schneider
Grip forceps, combined with TC-Cutter
Pince grip, avec partie coupante TC
Pinza grip, con parte cortante TC
Pinza grip, con morso tagliente a TC



Gripper

12-131-19	19 cm - 7 ½”

Technische Zange, verstellbar
Technical forceps, adjustable
Pince téchnique, ajustable
Pinza tecnica, ajustable
Pinza tecnica, regolabile



Combi

12-132-17
17 cm - 6 ¾”



Arom - Fig. 1

12-133-18

18.5 cm - 7 ¼”

Wire bending forceps
Drahtbiegezange
Pinza para torcer
Pince à couder
Pinza per piegare



Fig. 2

12-134-18

18.5 cm - 7 ¼”

Flat nose plier, parallel grip, incorporated cutter, for hard wires up to 1.6 mm Ø
Flachzange mit Seitenschneider, parallel-fassend, für harte Drähte bis 1.6 mm Ø
Pinza para torcer con corte lateral, para alambres hasta 1.6 mm Ø
Pince à couder avec coupe latéral, pour des fils durs à de 1.6 mm Ø
Pinza, morso piatto parallelo e taglia fili laterale fino a 1.6 mm Ø



Fixton

12-135-18	18 cm - 7”
12-135-20	20 cm - 8”
12-135-24	24 cm - 9 ½”

Locking plier
Feststellzange
Pinza de fijar
Pince à caler
Pinza bloccante



Fixton - Advanced

12-136-20 20 cm - 8”

Plattenbiegezange für Knochenplatten bis 2.7 mm Stärke
Plate bending plier for plates up to 2.7 mm
Pince à couder pour des plaques de 2.7 mm
Pinza para torcer, placas hasta 2.7 mm
Pinza piega placche fino a 2.7 mm

12-137-24 24 cm - 9 ½”

Plattenbiegezange für Knochenplatten bis 4 mm Stärke
Plate bending plier for plates up to 4 mm
Pince à conder pour des plaques de 4 mm
Pinza para torcer, para placas hasta mm 4
Pinza piega placche fino a 4 mm



Mayor

12-138-01	22 cm - 8 ¾”
12-138-02	25 cm - 9 ¾”
12-138-03	30 cm - 12”

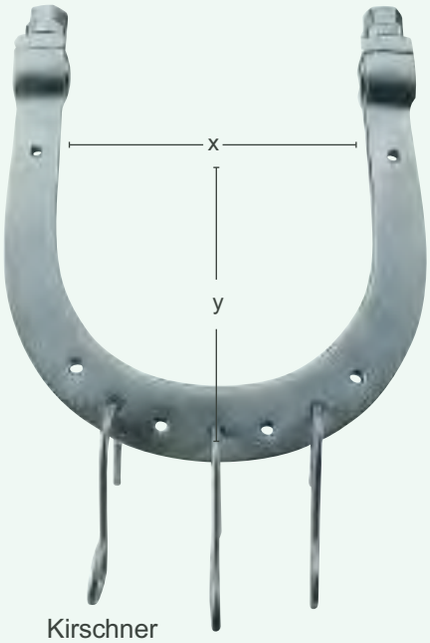
Locking plier



Bow

12-139-18	18 cm - 7”

Wire strainer for Kirschner wires
Spannschlüssel für Kirschner Drähte
Tensor para agujas de Kirschner
Tendeur pour fils de Kirschner
Chiave per estensione di fili Kirschner



Kirschner

12-140-01	x = 95 mm	y = 70 mm
12-140-02	x = 100 mm	y = 100 mm
12-140-03	x = 120 mm	y = 120 mm
12-140-04	x = 155 mm	y = 155 mm
12-140-05	x = 200 mm	y = 155 mm

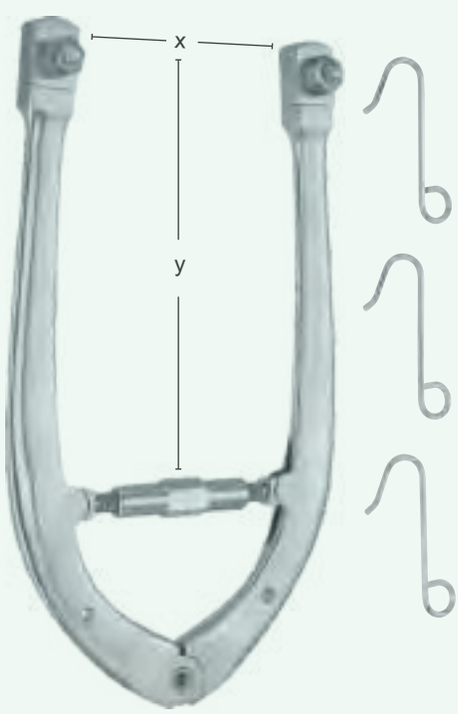
with 3 traction hooks
mit 3 Zughaken
con 3 ganchos de tracción
avec 3 crochets d’attelage
con 3 ganci di trazione



Kirschner

12-141-13	x = 130 mm
12-141-18	x = 185 mm
12-141-22	x = 220 mm

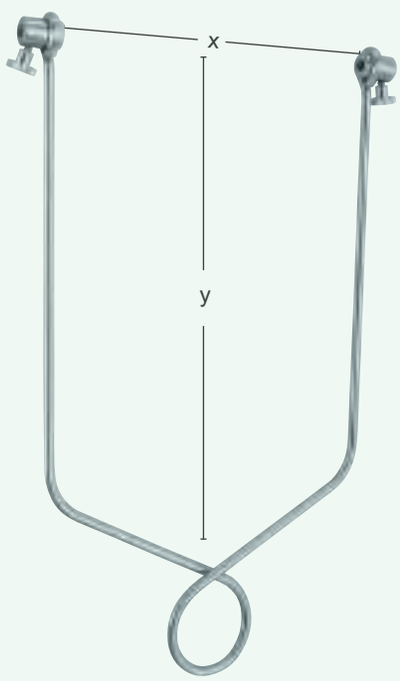
with 3 traction hooks
mit 3 Zughaken
con 3 ganchos de tracción
avec 3 crochets d’attelage
con 3 ganci di trazione



Kirschner

12-142-18	x = 180 mm	y = 100 mm
12-142-27	x = 270 mm	y = 160 mm

with 3 traction hooks
mit 3 Zughaken
con 3 ganchos de tracción
avec 3 crochets d'attelage
con 3 ganci di trazione



Bohler

12-143-01	x = 75 mm	y = 90 mm
12-143-02	x = 90 mm	y = 160 mm
12-143-03	x = 110 mm	y = 210 mm
12-143-04	x = 150 mm	y = 210 mm



Key

12-144-19	19 cm - 7 ½"

14 mm / 17 mm
Wrench
Gabelschlüssel
Llave de tuercas
Clé de serrage
Chiave per madreviti



Percy

12-145-22

Handles detachable, simple pattern
Griffe abnehmbar, einfaches Modell
Mango desmontable, modelo simple
Manches à détacher, modèle simple
Manici demontabili, modello semplice



Comprimeter

12-146-22

Consisting of arm and upper thigh cuff,
manometer calibrated up to 700 mm Hg, with metal pump
Komprimeter, bestehend aus Arm- und Oberschenkelmanschette,
Manometer justiert bis 700 mm Hg und Metallpumpe
Comprimetro, se compuesto de brazalete para brazo y muslo,
manómetro calibrado hasta 700 mm Hg, con bomba métalica
Comprimètre se composant du brassard pour bras et cuisse,
manomètre calibré jusqu'a 700 mm Hg, avec pompe métallique
Comprimetro, composto da torniquete, due bracciali e pompa d'aria
e manometro graduato fino a 700 mm Hg



Light metal housing
Leichtmetallgehäuse
Carcasa en metal ligero
Carcasse en métal léger
In scatola di alluminio
Longitudinally cannulated
Längsdurchbohrt
Taladrado longitudinalmente
À perforation axiale
Forato longitudinalmente

Bunell

12-147-16 16 cm - 6 ¼”

Opening up to 4 mm Ø
Öffnung bis 4 mm Ø
Apertura hasta 4 mm Ø
Ouverture jusqu’à 4 mm Ø
Apertura fino à 4 mm Ø

12-148-16

Spare key
Ersatzschlüssel
Llave de recambio
Clé de réchange
Chiave di ricambio



Ralk

12-149-16

16 cm - 6 ¼”

Opening up to 6.35 mm Ø
Öffnung bis 6,35 mm Ø
Apertura hasta 6.35 mm Ø
Ouverture jusqu’à 6.35 mm Ø
Apertura fino à 6.35 mm Ø

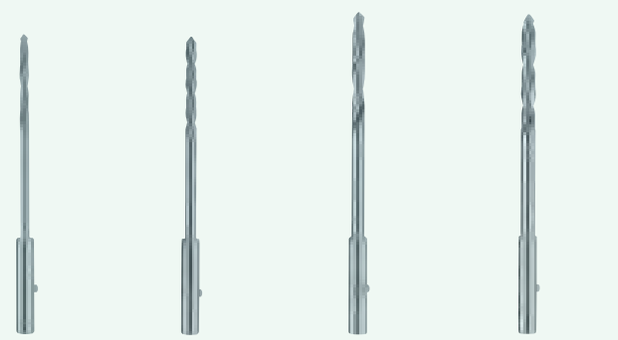
Light metal housing
Leichtmetallgehäuse
Carcasa en metal ligero
Carcasse en métal léger
In scatola di alluminio
Longitudinally cannulated
Längsdurchbohrt
Taladrado longitudinalmente
À perforation axiale
Forato longitudinalmente



Stille

12-150-20
20 cm - 8”

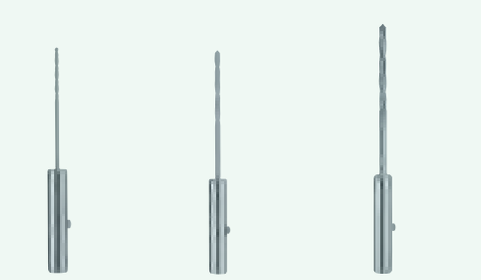
12-150-00	complete with 9 twist drills (Fig. 1 – Fig. 9)
Consisting:	
12-150-20	Drill, 20 cm / 8'
12-150-01	Bur, Fig. 1, 2.5 mm Ø
12-150-02	Bur, Fig. 2, 3.0 mm Ø
12-150-03	Bur, Fig. 3, 3.5 mm Ø
12-150-04	Bur, Fig. 4, 4.0 mm Ø
12-150-07	Bur, Fig. 7, 8.0 mm Ø
12-150-08	Bur, Fig. 8, 12.0 mm Ø
12-150-09	Bur, Fig. 9, 16.0 mm Ø



12-151-01	12-152-02	12-153-03	12-154-04
Fig.1	Fig.2	Fig.3	Fig.4
2.5 mmØ	3.0 mmØ	3.5 mmØ	4.0 mmØ



12-155-07	12-156-08	12-157-09
Fig7	Fig.8	Fig.9
8.0 mm Ø	12.0 mm Ø	16.0 mm Ø



12-158-10	12-159-11	12-160-12
Fig.10	Fig.11	Fig.12
1.0 mm Ø	1.5 mm Ø	2.0 mm Ø



Jacobs

12-161-28

28 cm - 11”

Opening up to 6.35 mm Ø
Öffnung bis 6,35 mm Ø
Apertura hasta 6.35 mm Ø
Ouverture jusqu’à 6.35 mm Ø
Apertura fino à 6.35 mm Ø



Viva

12-162-00

Opening up to 6.35 mm Ø
Öffnung bis 6,35 mm Ø
Apertura hasta 6.35 mm Ø
Ouverture jusqu’à 6.35 mm Ø
Apertura fino à 6.35 mm Ø

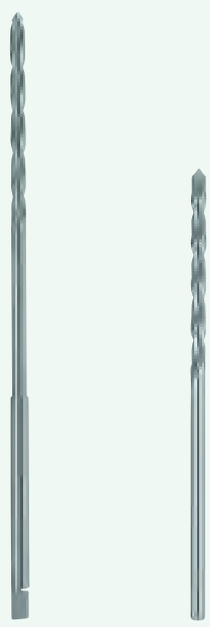


Joanna

12-163-28

28 cm - 11”

Hand drill, stainless, adjustable handle, with “Jacobs”-chuck and key
Handbohrapparat, rostfrei, beweglicher Griff, mit „Jacobs“-Spannfutter und Schlüssel
Taladradora a mano, mango mobil, acero inoxidable, porta brocas “Jacobs“ y llave
Perceuse méchanique en acier inox, manche mobile, avec mandrin «Jacobs» et clé
Perforatore a mano, inossidabile, manico da movere, con morso “Jacobs” e chiave



Drill

12-164-01	12-165-01	1.0 mm Ø
12-164-02	12-165-02	1.5 mm Ø
12-164-01	12-165-03	2.0 mm Ø
12-164-02	12-165-04	2.5 mm Ø
12-164-05	12-165-05	2.8 mm Ø
12-164-03	12-165-06	3.0 mm Ø
12-164-04	12-165-07	3.2 mm Ø
12-164-05	12-165-08	3.5 mm Ø
12-164-06	12-165-09	4.0 mm Ø
12-164-07	12-165-10	5.0 mm Ø
12-164-08	12-165-11	6.0 mm Ø
12-164-09	12-165-12	7.0 mm Ø
AOshank AO Schaft Connector AO Raccord AO Attaco AO	Round shank Rundschaft Tija redonda Tige ronde Asta rotondo	



Perthes - Fig. 1

12-166-18	18 cm - 7”
12-166-21	21 cm - 8 ¼”



Fig. 2

12-167-14
14 cm - 5 ½”



Fig. 3

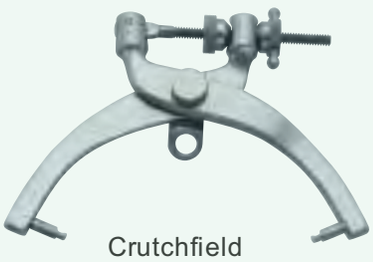
12-168-14
14 cm - 5 ½”



13

Micro – Neurosurgery
Mikro – Neurochirurgie
Micro – Neurocirugía
Micro – Neurochirurgie
Micro – Neurochirurgia

surgimax™
saving lives



Crutchfield

13-700-00



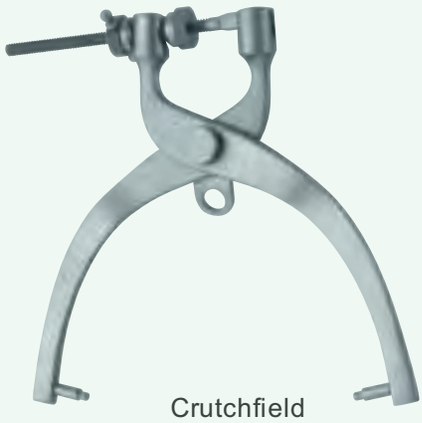
13-701-00

3.5 mmØ



13-702-00

5.0 mmØ



Crutchfield

13-703-00



Cervical Tong

13-704-00

large type, cervical traction tongs –
pins adjustable no drilling to be done
grosses Modell, für Extension der Halswirbel –
kein Vorbohren erforderlich – Dorne verstellbar
modelo grande, distractor cervical –
espigas ajustables sin necesidad de trepanar
modèle large, distracteur cervicale –
poinçons ajustables pas de perçage nécessaire
modello grande, distrattore cervicale, pin ajjustabili,
non necesisita di perforare, regolabili

13-705-00

Spare pin
Ersatzdorn
Pivote de cambio
Goupille de rechange
Punta di ricambio



Wrench

13-706-00

Wrench, double-ended
Gabelschlüssel, doppelendig
Llave de tuercas
Clé de fixation,
Chiave



Drill Handle

13-707-27	27 cm - 10 ¾”



13-708-27

Extension piece
Verlängerungsstück
Pieza de prolongación
Pièce d‘extension
Pezzo di prolungazione



13-709-01
Fig.1
9 mm Ø



13-710-02
Fig.2
14 mm Ø



13-711-03
Fig.3
16 mm Ø



13-712-04
Fig.4
22 mmØ



Cushing
13-713-04
Fig.5
14 mm Ø



McKenzie
13-714-04
Fig.6
13 mmØ

Hudson

13-707-01	Complete set consisting:
13-707-27	Drill handle
	4 twist drills (Fig. 1 to Fig. 4)

Hudson

13-707-02	Complete set consisting:
13-707-27	Drill handle
	6 twist drills (Fig. 1 to Fig. 6)
	1 extension piece



De Martel

13-717-33	33 cm - 13”



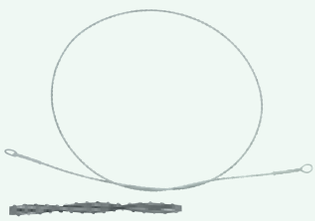
Adson

13-715-15	15 cm - 6”



De Vilbiss

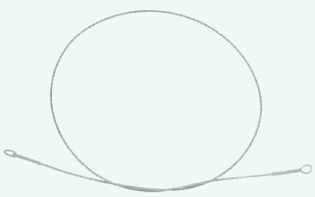
13-716-21	21 cm - 8 ¼”



Olivecrona

13-718-30	30 cm - 12”
13-718-40	40 cm - 16”
13-718-50	50 cm - 20”
13-718-60	60 cm - 23 ½”
13-718-70	70 cm - 27 ½”

6 wires twisted
6-teilig
6 alambres torcidos
6 fils tordus
6 fili attorcigliati



Gigli

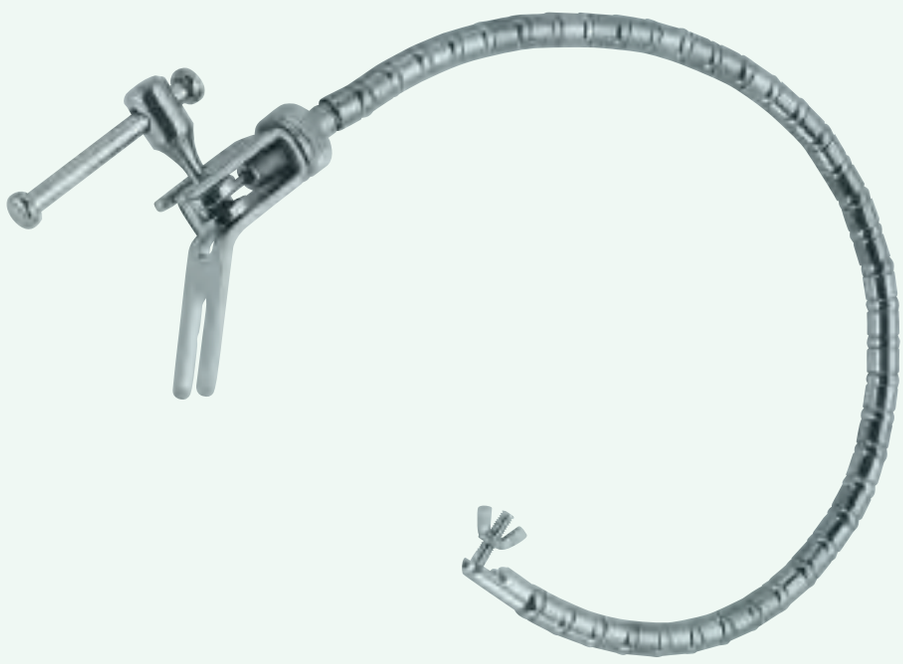
13-719-30	30 cm - 12”
13-719-40	40 cm - 16”
13-719-50	50 cm - 20”

6 wires twisted
6-teilig
6 alambres torcidos
6 fils tordus
6 fili attorcigliati



Gigli

13-720-00	



Leyla
13-721-00

Brain retractor self-retaining, with 1 flexible arm, complete, consisting of: fixation base for 1 flexible arm, flexible arm only, support for flat brain spatulas

Selbsthaltender Hirnretraktor, flexibel mit 1 Spannarm, komplett, bestehend aus: Fixierungsvorrichtung für 1 Spannarm, Spannarm und Spatelhalter für flache Spatel

Separador cerebral autostatico, 1 brazo flejible con soporte, completo con brazo y soporte para spatulas llanas

Retracteur cérébrale autostatique, flexible avec 1 tendeur, complét avec support pour 1 tendeur, tendeur et porte-spatule pour spatules plates

Rettratore celebrale autostatico, flessibile Completo, contente: supporto di fissaggio per un braccio, 1 braccio flessible con supporto di fissaggio per spatole piatte

Leyla
13-722-00

Brain retractor self-retaining, with 2 flexible arms, complete, consisting of: fixation base for 2 flexible arms, 2 flexible arms, 2 supports for flat brain spatulas

Selbsthaltender Hirnretraktor, flexibel mit 2 Spannarmen, komplett, bestehend aus: Fixierungsvorrichtung für 2 Spannarme, 2 Spannarme und 2 Spatelhalter für flache Spatel

Separador cerebral autostatico, 2 brazos flejibles con soporte, completo con brazos y soporte para 2 spatulas llanas

Retracteur cérébrale autostatique, flexible avec 2 tendeurs, complét avec supports pour 2 tendeurs, 2 tendeurs et 2 portes-spatule pour spatules plates

Rettratore celebrale autostatico, flessibile con 2 bracci completi, contiene: supporto di fissaggio per bracci per 2 spatole piatte



Leyla

13-723-00

Fixation base only, holding 2 flexible arms
Fixierungsvorrichtung allein, für 2 Spannarme
Soporte solo para 2 brazos de separador
Support seul pour 2 tendeurs
Supporto di fissaggio per 2 bracci, solo

13-724-00

Fixation base only, holding 1 flexible arm
Fixierungsvorrichtung allein, für 1 Spannarm
Soporte solo para 1 brazo de separador
Support seul pour 1 tendeur
Supporto di fissaggio per 1 braccio, solo

13-725-00

Support only, for flat brain spatulas
Spatelhalter allein, für Flachspatel
Soporte solo, para spatulas planos
Porte-spatule seul, pour spatules plates
Supporto solo, per fissaggio di spatole piatte

13-726-00

Support only, for brain spatulas with round shaft of 4mm and 5mm Ø to fix on the flexible arm
Spatelhalter allein, für Spatel mit Rundschaft von 4mm und 5mm Ø, zum Befestigen am Spannarm
Soporte solo para la fijación de spatulas de 4mm y 5mm Ø al brazo
Porte-spatule seul pour la fixation des spatules de 4mm et 5mm Ø diam
Supporto solo per spatole con asta tonda di Ø 4mm e 5mm

13-727-00

Flexible arm only – for attaching coupling heads and for fixation bases
Spannarm allein – zum Aufstecken auf Kupplungsköpfe und Fixierungsvorrichtungen
Brazo flejible solo para montar sobre soportes
Tendeur flexible seul – pour le montage sur supports et accouplements
Braccio flessibile solo – per il montaggio sul supporto di fissaggio



Leyla

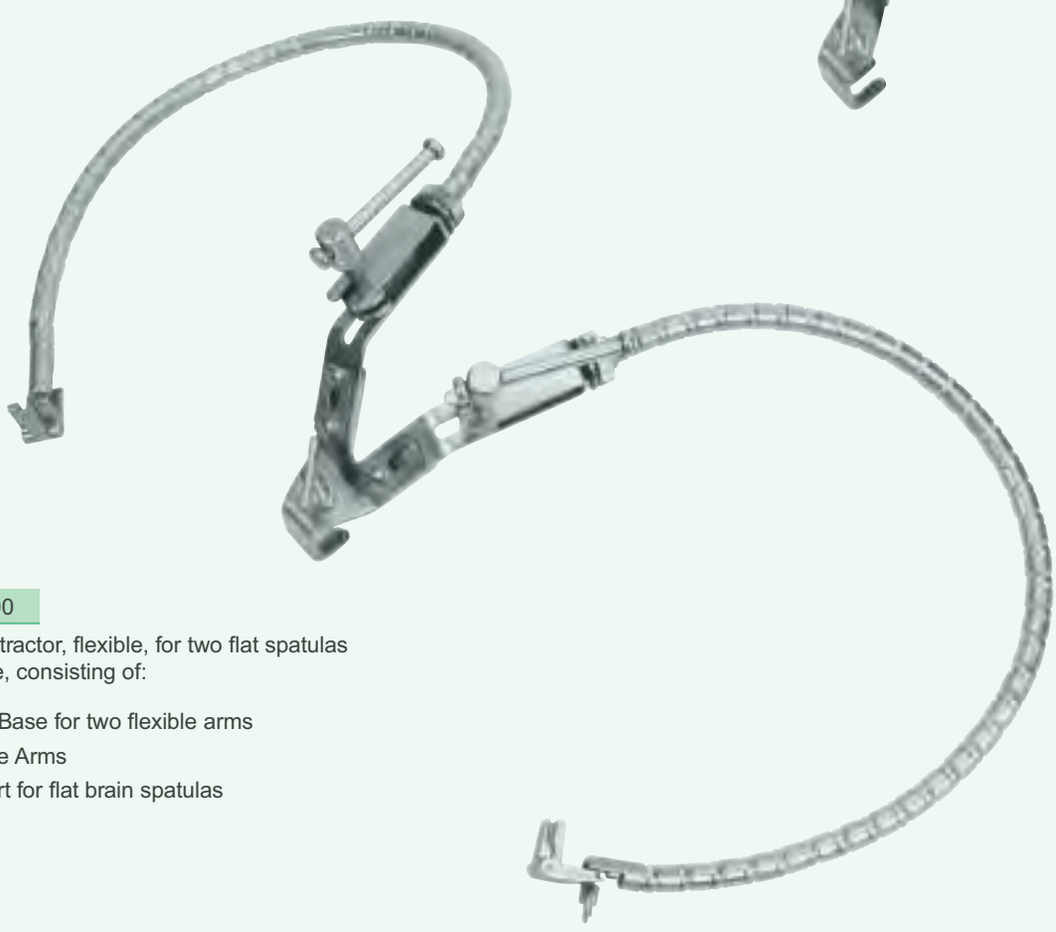
13-428-00

Brain Retractor, flexible, for one flat spatula complete, consisting of:

Fixation Base for one flexible arm

Flexible Arm

Support for flat brain spatulas



Leyla

13-429-00

Brain Retractor, flexible, for two flat spatulas complete, consisting of:

Fixation Base for two flexible arms

2 Flexible Arms

2 Support for flat brain spatulas



13-430-0

Flexible Arm

13-431-00

Spare Part

13-432-00

Wire Cable, only



Leyla
Fig. 1
13-433-00

Fixation Base for skull mounting,
holding one flexible arm



Leyla
Fig. 2
13-434-00

Fixation Base for skull mounting,
holding two flexible arms



Leyla
Fig. 3
13-435-00

Support, only, for flat brain spatulas,
for fixation at the flexible arm



Leyla
Fig. 4
13-436-00

Support, only, for brain spatulas with round shaft
up to 5.5 mm diam., for fixation at the flexible arm



Leyla
Fig. 5
13-437-00

Fixation Base for mounting on bars up to Ø 16 mm
for one flexible arm



Leyla

Fig. 1

13-438-00

Self-Retaining Retractor for fixation to the operation table, complete, consisting of:

Ball and Socket Joint

Holding Arm

Coupling Head

2 Flexible Arms

2 Supports for flat spatulas

Brain Spatula

Brain Spatula



Leyla

Fig. 2

13-439-00

Self-Retaining Retractor for fixation to the operation table, without support, consisting of:

Ball and Socket Joint

Holding Arm

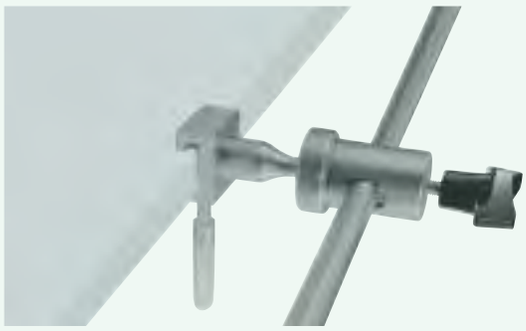
Coupling Head, laterally open, to hold one flexible arm

Flexible Arm



13-440-00

Holding Arm, detachable, for fixation in ball and socket joint for holding one of the coupling heads.



13-441-00

Ball and Socket Joint for fixation at the operating for holding arm table



13-442-00

Flexible Arm

13-443-00

Spare Part

13-444-00

Wire Cable, only



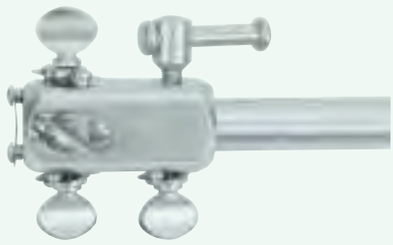
13-445-00

Coupling Head, laterally open, to hold one flexible arm



13-446-00

Coupling Head, rotatable, to hold one flexible arm



13-447-00

Coupling Head, to hold max. five flexible arms



Ammy

13-448-12	20 cm - 8"	12 mm
13-448-17	20 cm - 8"	17 mm
13-448-20	20 cm - 8"	20 mm
13-448-25	20 cm - 8"	25 mm
13-448-25	25 cm - 10"	25 mm

malleable



Heifetz

13-452-08	8 mm
13-452-11	11 mm
13-452-14	14 mm
13-452-17	17 mm

15.5 cm - 6"
malleable



Mod. Aachen

13-457-07	7+8 mm
13-457-10	10+11mm
13-457-13	13+14 mm
13-457-16	16+17 mm
13-457-19	19+20 mm
13-457-22	22+25 mm

20 cm - 8"
malleable



Davis

13-458-06	6 mm
13-458-10	10 mm
13-458-14	14 mm
13-458-16	16 mm
13-458-19	19 mm
13-458-25	25 mm
13-458-32	32 mm
13-458-38	38 mm

18 cm - 7"
malleable



Scoville

13-459-10	10+13 mm
13-459-16	16+17 mm

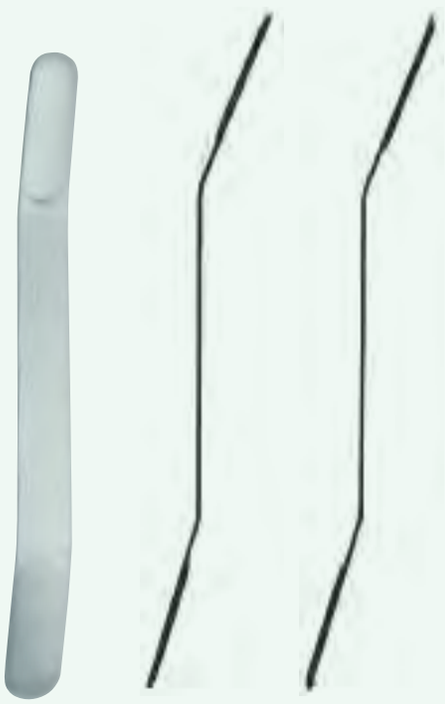
20 cm - 8"
malleable



Cushing

13-728-07	7 mm x 9 mm
13-728-11	11 mm x 13 mm
13-728-15	15 mm x 18 mm
13-728-18	18 mm x 22 mm

18 cm - 7”



Olivecrona

13-729-07	13-730-07 7 mm x 9 mm
13-729-11	13-730-11 11 mm x 13 mm
13-729-15	13-730-15 15 mm x 18 mm
13-729-18	13-730-18 18 mm x 22 mm

18 cm - 7”

convex
konvex
convexa
convexe
convessa

18 cm - 7”

concave
konkav
cóncava
concave
concava

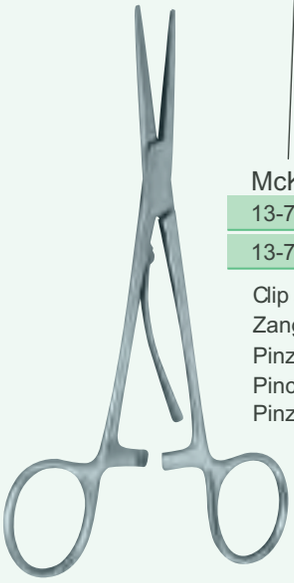


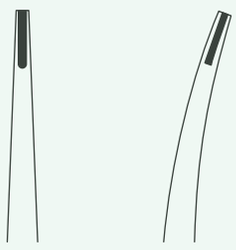
Heifetz

13-731-08	x = 8 mm
13-731-11	x = 11 mm
13-731-14	x = 14 mm
13-731-17	x = 17 mm
13-731-20	x = 20 mm

20 cm - 8”

malleable
biegsam
maleable
malléable
flessibile

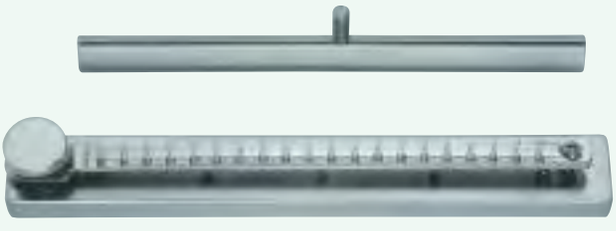




McKenzie

13-732-15	13-733-15	15 cm - 6”
13-732-19	13-733-19	19 cm - 7 ½”

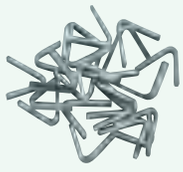
Clip applying forceps
Zangen zum Anlegen der Klammern
Pinzas para poner grapas
Pinces pour poser des agrafes
Pinze per mettere le agraffes



McKenzie

13-734-14	14.8 cm x 4 cm x 6 mm - 5 ¾” x 1 ½” x ½”

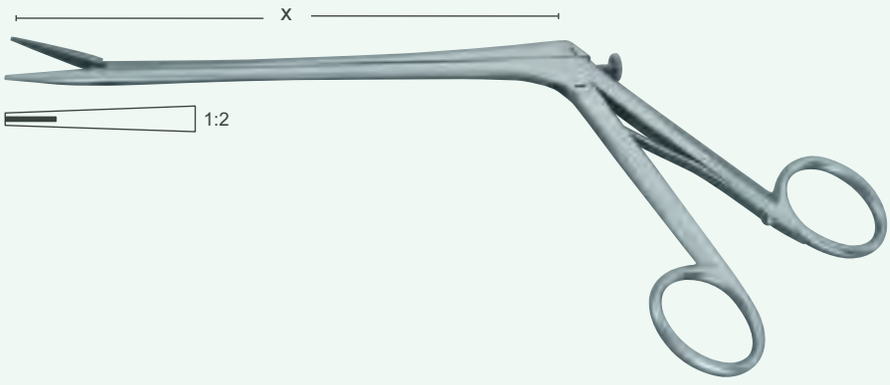
Brain clip-rack for 20 clips
Klammerblock für 20 Klammern
Porta-grapas para 20 grapas
Porte-agrafes pour 20 agrafes
Supporto port‘agrafes per 20 agrafes





13-735-00

100 Brain clips in plastic box
100 Klammern im Plastikbehälter
100 grapas en tubo de plástico
100 agrafes dans un tube de plastique
100 agrafes nella scatola di plastica



Olivecrona-Toennis
(Scoville)

13-736-14

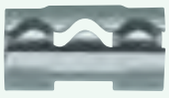
x = 14 cm - 5 ½”



Raney

13-737-15

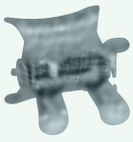
15 cm - 6”



Clip
Fig. 1

13-738-15

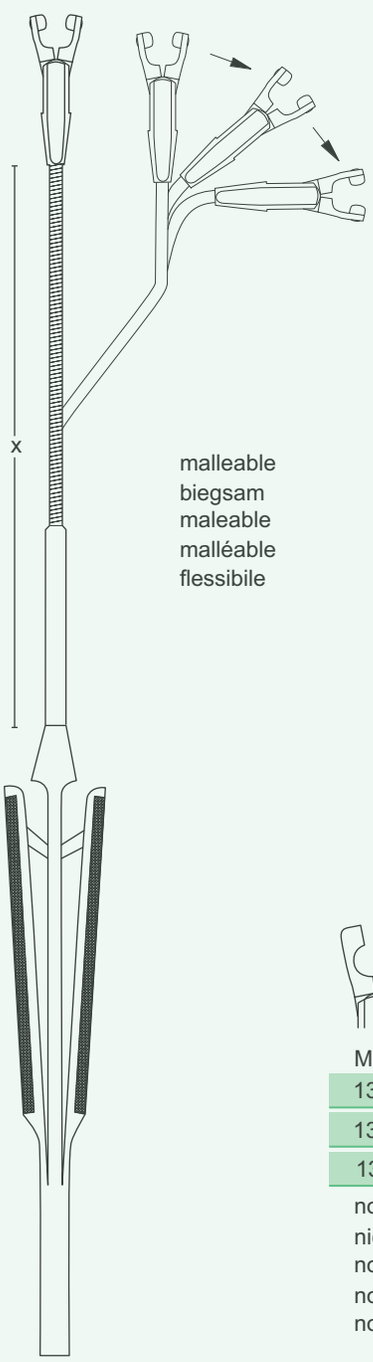
Scalp clip “Raney”
Kopfhautklammer “Raney“
Grapa para cuero cabelludo "Raney"
Agrafes pour le cuir chevelu «Raney»
Agraffes per il cuoio capelluto „Raney“



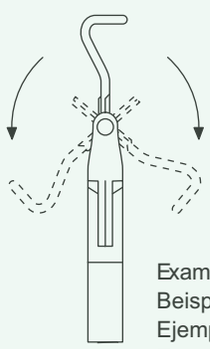
Clip
Fig. 2

13-739-15

Scalp clip “Köln”
Kopfhautklammer „Köln“
Grapa para cuero cabelludo "Köln"
Agrafes pour le cuir chevelu «Köln»
Agraffes per il cuoio capelluto „Köln“



malleable
biegsam
maleable
malléable
flessibile



Example for rotation
Beispiel für Drehmechanismus
Ejemplo la rotación por
Exemple pour la rotation
Esempio per la rotazione

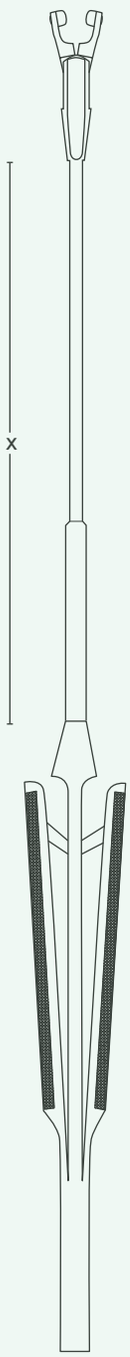




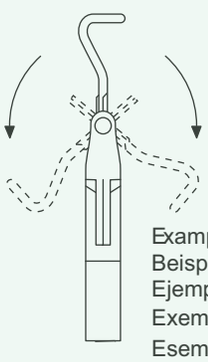
Mini	Standard	Mini	Standard	
13-740-07	13-741-07	13-742-07	13-743-07	x = 7 cm - 2 ¾”
13-740-09	13-741-09	13-742-09	13-743-09	x = 9 cm - 3 ½”
13-740-11	13-741-11	13-742-11	13-743-11	x = 11 cm - 4 ¼”

non rotating
nicht drehbar
non rotatorio
non rotatif
non rotativo

rotating
drehbar
rotatorio
rotatif
rotativo



starr
rigid
rigide
rigido
rigido

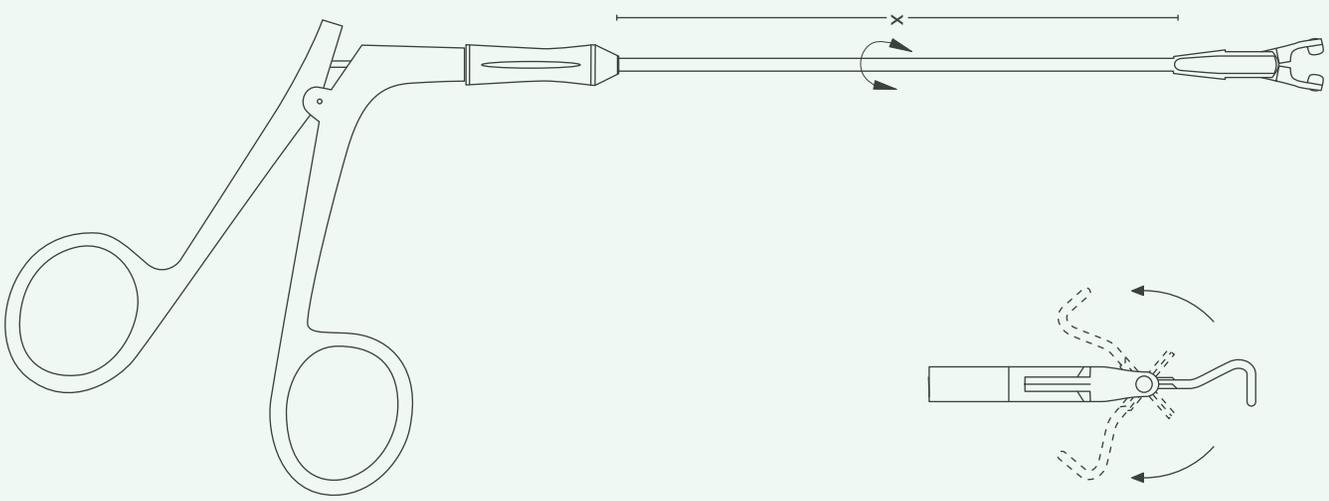


Example for rotation
Beispiel für Drehmechanismus
Ejemplo la rotación por
Exemple pour la rotation
Esempio per la rotazione



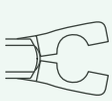


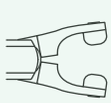
Mini	Standard	Mini	Standard	
13-744-07	13-745-07	13-746-07	13-747-07	x = 7 cm - 2 ¾”
13-744-09	13-745-09	13-746-09	13-747-09	x = 9 cm - 3 ½”
13-744-11	13-745-11	13-746-11	13-747-11	x = 11 cm - 4 ¼”
non rotating nicht drehbar non rotatorio non rotatif non rotativo		rotating drehbar rotatorio rotatif rotativo		



Shank rotatable
Schaft drehbar
Vaina giratoria
Tige rotatife
Asta girevole

Example for rotation
Beispiel für Drehmechanismus
Ejemplo la rotación por
Exemple pour la rotation
Esempio per la rotazione





Mini	Standard	Mini	Standard	
13-748-07	13-749-07	13-750-07	13-751-07	x = 7 cm - 2 ¾"
13-748-09	13-749-09	13-750-09	13-751-09	x = 9 cm - 3 ½"
13-748-11	13-749-11	13-750-11	13-751-11	x = 11 cm - 4 ¼"
13-748-13	13-749-13	13-750-13	13-751-13	x = 13 cm - 5"

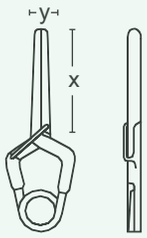
non rotating
nicht drehbar
non rotatorio
non rotatif
non rotativo

rotating
drehbar
rotatorio
rotatif
rotativo





straight, with ratchet gerade, mit Sperre recta, con cierre droit, avec verrou retta, con cremagliera		bayonett shaped, with ratchet bayonett-förmig, mit Sperre forma bayoneta, con cierre en baionette, avec verrou forma baionetta, con cremagliera		
Mini	Standard	Mini	Standard	
13-752-07	13-753-07	13-754-07	13-755-07	1.7 cm - 6 ¾”
13-752-08	13-753-08	13-754-08	13-755-08	1.8 cm - 7”
13-752-09	13-753-09	13-754-09	13-755-09	2.1 cm - 8 ¼”
13-752-10	13-756-10	13-754-10	13-755-10	2.3 cm - 9”



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms = Force de fermeture
gms = Sforza della chiusura

For titanium clips, please add a "T" to the reference number.

Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T" hinzufügen.

Para clips de titanio, por favor añadir und "T" a la referencia.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

Per clips in titanio, per favore aggiuntete al numero d'articolo un "T".

Yasargil-Standard

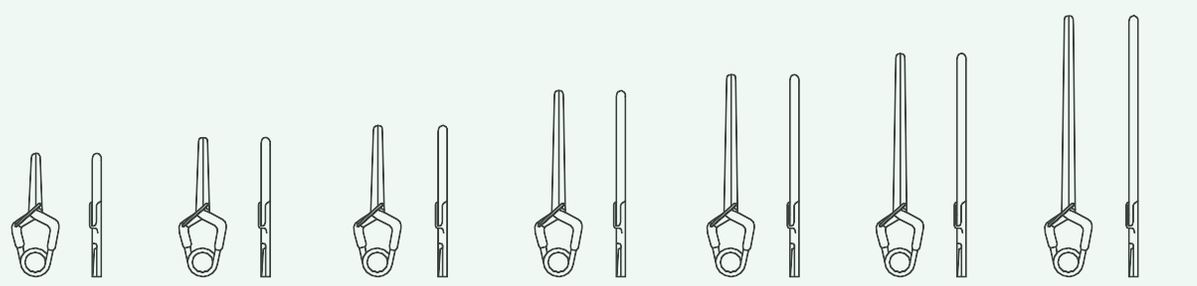
for permanent closure, in high quality implant steel, antimagnetic

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch

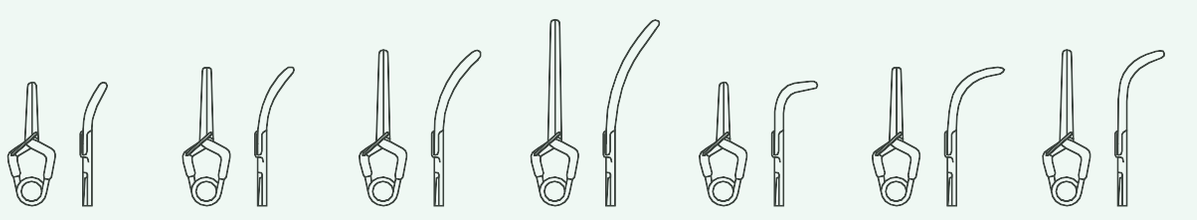
para oclusión permanente, acero de alta calidad, antimagnetico

pour fermeture permanente, acier de haute qualité, anti-magnétique

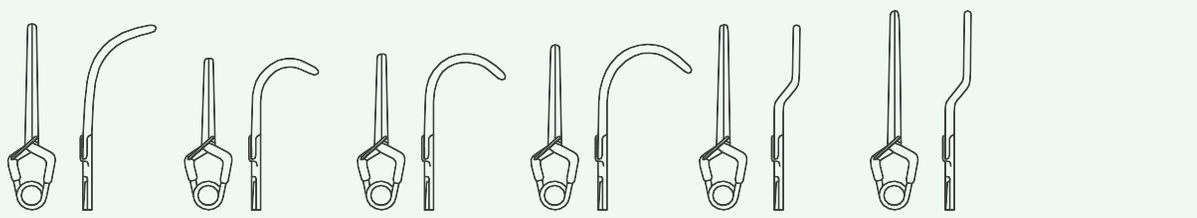
per chiusura permanente, accaio di alta qualita, antimagnetico



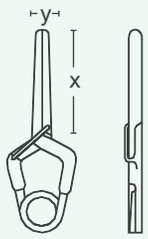
13-756-00	13-757-00	13-758-00	13-759-00	13-760-00	13-761-00	13-762-00
x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 17.0 mm	x = 20.0 mm	x = 25.0 mm
y = 6.2 mm	y = 7.0 mm	y = 7.8 mm	y = 9.2 mm	y = 10.6 mm	y = 11.4 mm	y = 13.3 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200



13-763-00	13-764-00	13-765-00	13-766-00	13-767-00	13-768-00	13-769-00
x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 6.0 mm	y = 6.8 mm	y = 7.5 mm	y = 8.7 mm	y = 5.5 mm	y = 6.1 mm	y = 6.5 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 150	gms = 180	gms = 180



13-770-00	13-771-00	13-772-00	13-773-00	13-774-00	13-775-00
x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 9.0 mm
y = 7.4 mm	y = 5.4 mm	y = 5.8 mm	y = 6.2 mm	y = 7.9 mm	y = 8.7 mm
gms = 200	gms = 180	gms = 180	gms = 180	gms = 200	gms = 200



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms = Force de fermeture
gms = Sforza della chiusura

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Yasargil-Standard

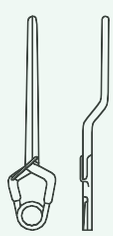
for permanent closure, in high quality implant steel, antimagnetic

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch

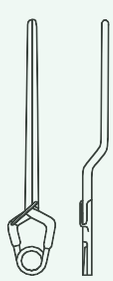
para oclusión permanente, acero de alta calidad, antimagnetico

pour fermeture permanente, acier de haute qualité, anti-magnétique

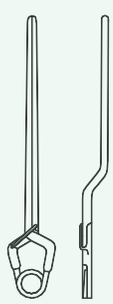
per chiusura permanente, accaio di alta qualita, antimagnetico



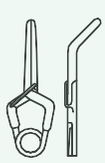
13-776-00
x = 12.0 mm
y = 10.2 mm
gms = 200



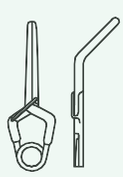
13-777-00
x = 17.0 mm
y = 11.9 mm
gms = 180



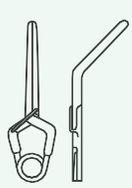
13-778-00
x = 20.0 mm
y = 13.0 mm
gms = 180



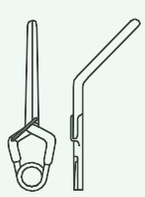
13-779-00
x = 5.0 mm
y = 6.2 mm
gms = 200



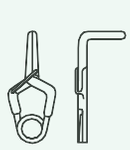
13-780-00
x = 7.0 mm
y = 6.5 mm
gms = 200



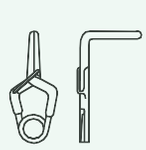
13-781-00
x = 9.0 mm
y = 7.8 mm
gms = 200



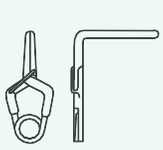
13-782-00
x = 11.0 mm
y = 8.4 mm
gms = 200



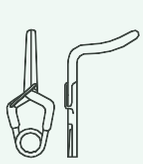
13-783-00
x = 5.0 mm
y = 5.6 mm
gms = 200



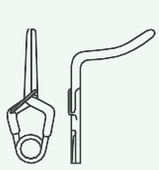
13-784-00
x = 7.0 mm
y = 5.6 mm
gms = 200



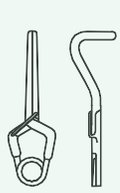
13-785-00
x = 10.0 mm
y = 5.6 mm
gms = 200



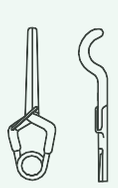
13-786-00
x = 8.0 mm
y = 5.4 mm
gms = 200



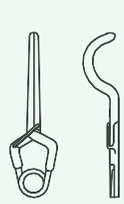
13-787-00
x = 10.0 mm
y = 5.6 mm
gms = 200



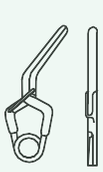
13-788-00
x = 5.0 mm
y = 7.2 mm
gms = 200



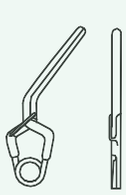
13-789-00
x = 9.0 mm
y = 7.2 mm
gms = 200



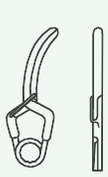
13-790-00
x = 11.0 mm
y = 8.2 mm
gms = 200



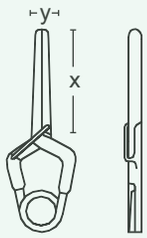
13-791-00
x = 7.0 mm
y = 5.7 mm
gms = 200



13-792-00
x = 11.0 mm
y = 8.0 mm
gms = 200



13-793-00
x = 9.0 mm
y = 7.0 mm
gms = 200



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms = Force de fermeture
gms = Sforza della chiusura

For titanium clips, please add a “T” to the reference number.

Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

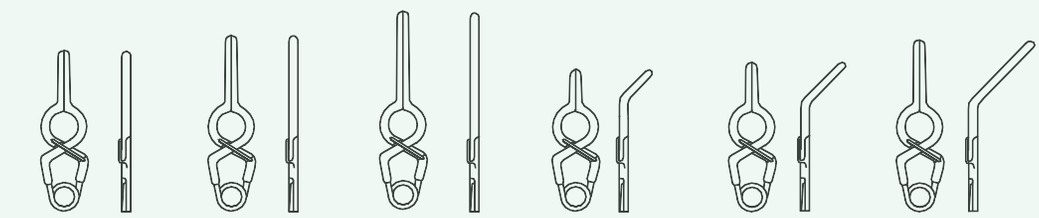
Para clips de titanio, por favor añadir und “T” a la referencia.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

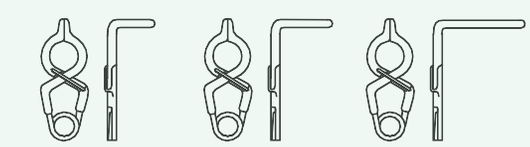
Per clips in titanio, per favore aggiuntete al numero d’articolo un “T”.

Yasargil-Standard

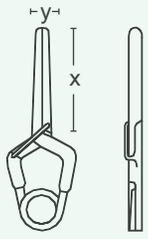
for permanent closure, with window 3,5 mm, in high quality implant steel, antimagnetic
für permanenten Verschluss, mit Fenster 3,5 mm, aus hochwertigem Implantatstahl, antimagnetisch
para oclusión permanente, con finestra de 3,5 mm, acero de alta calidad, antimagnetico
pour fermeture permanente, avec fenestra 3,5 mm, acier de haute qualité, anti-magnétique
per chiusura permanente, con finestra di 3,5 mm, accaio di alta qualita, antimagnetico



13-794-00	13-795-00	13-796-00	13-797-00	13-798-00	13-799-00
x = 7.0 mm	x = 9.0 mm	x = 12.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 7.4 mm	y = 8.4 mm	y = 9.6 mm	y = 5.8 mm	y = 6.5 mm	y = 7.2 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180



13-800-00	13-801-00	13-802-00
x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 4.9 mm	y = 4.9 mm	y = 4.9 mm
gms = 150	gms = 150	gms = 180



x = Jaw length	y = max. opening	gms = Pressure
x = Maullänge	y = max. Maulöffnung	gms = Schließkraft
x = Longitud de la boca	y = Apertura max. de la boca	gms = Presión
x = Longueur du mors	y = Ouverture max. du mors	gms = Force de fermeture
x = Lunghezza del morso	y = Apertura mass. del morso	gms = Sforza della chiusura

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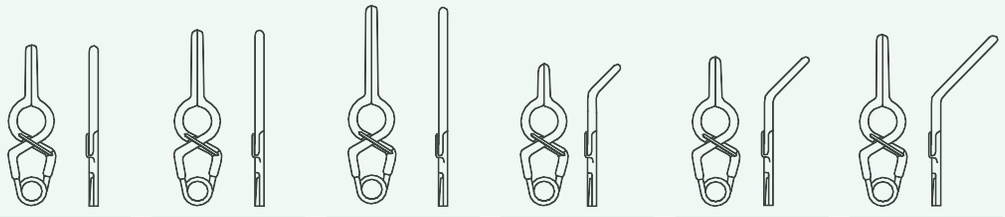
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für permanenten Verschluss, mit Fenster 3,5 mm, aus hochwertigem Implantatstahl, antimagnetisch

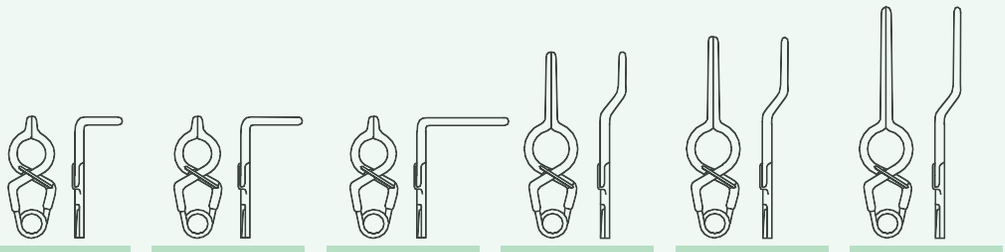
para oclusión permanente, con finestra de 3,5 mm, acero de alta calidad, antimagnetico

pour fermeture permanente, avec fenestra 3,5 mm, acier de haute qualité, anti-magnétique

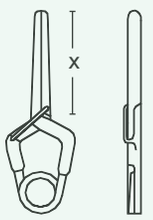
per chiusura permanente, con finestra di 3,5 mm, accaio di alta qualita, antimagnetico



13-803-00	13-804-00	13-805-00	13-806-00	13-807-00	13-808-00
x = 7.0 mm	x = 9.0 mm	x = 12.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 7.9 mm	y = 9.1 mm	y = 10.3 mm	y = 6.5 mm	y = 7.2 mm	y = 7.8 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180



13-809-00	13-810-00	13-811-00	13-812-00	13-813-00	13-814-00
x = 5.0 mm	x = 7.0 mm	x = 11.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 5.5 mm	y = 5.5 mm	y = 5.5 mm	y = 7.9 mm	y = 8.8 mm	y = 10.0 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms = Force de fermeture
gms = Sforza della chiusura

For titanium clips, please add a "T" to the reference number.

Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T" hinzufügen.

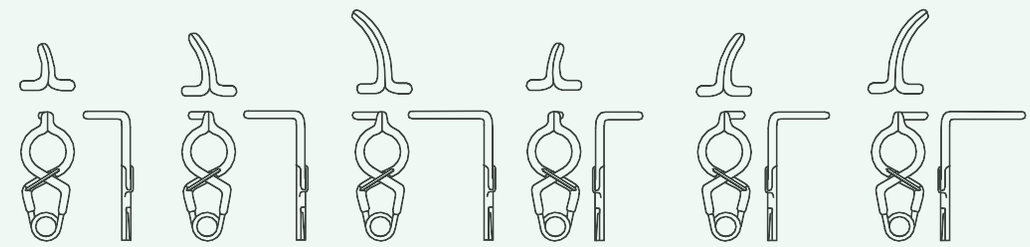
Para clips de titanio, por favor añadir und "T" a la referencia.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

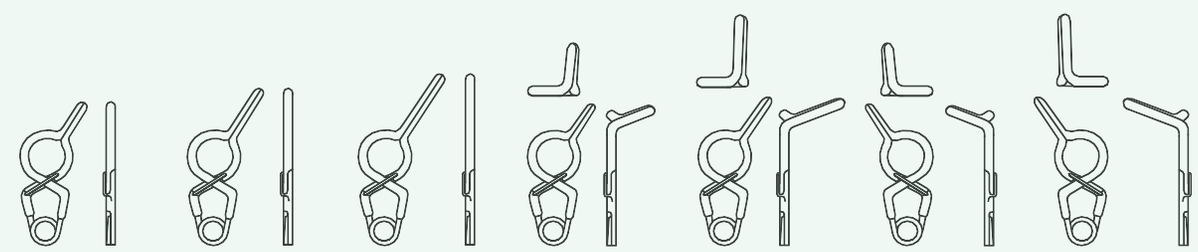
Per clips in titanio, per favore aggiuntete al numero d'articolo un "T".

Yasargil-Standard

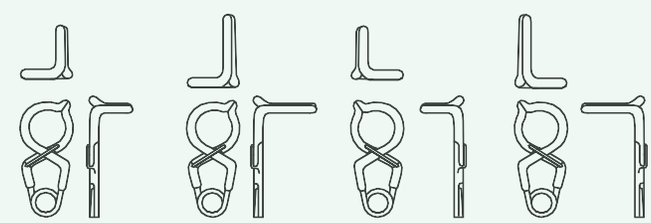
for permanent closure, with window 5.0 mm, in high quality implant steel, antimagnetic
für permanenten Verschluss, mit Fenster 5.0 mm, aus hochwertigem Implantatstahl, antimagnetisch
para oclusión permanente, con finestra de 5.0 mm, acero de alta calidad, antimagnetico
pour fermeture permanente, avec fenestra 5.0 mm, acier de haute qualité, anti-magnétique
per chiusura permanente, con finestra di 5.0 mm, accaio di alta qualita, antimagnetico



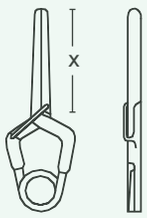
13-815-00	13-816-00	13-817-00	13-818-00	13-819-00	13-820-00
x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 5.0 mm	x = 7.0 mm	x = 10.0 mm
y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm
gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150



13-821-00	13-822-00	13-823-00	13-824-00	13-825-00	13-826-00	13-827-00
x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 5.0 mm	x = 7.0 mm	x = 5.0 mm	x = 7.0 mm
y = 7,0 mm	y = 7.8 mm	y = 8.8 mm	y = 5.8 mm	y = 6.2 mm	y = 5.8 mm	y = 6.2 mm
gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150



13-828-00	13-829-00	13-830-00	13-831-00
x = 5.0 mm	x = 7.0 mm	x = 5.0 mm	x = 7.0 mm
y = 5.6 mm	y = 5.6 mm	y = 5.6 mm	y = 5.6 mm
gms = 150	gms = 150	gms = 150	gms = 150



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms= Pressure
gms= Schließkraft
gms=Presión
gms=Force de fermeture
gms=Sforza della chiusura

For titanium clips, please add a “T” to the reference number.

Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

Para clips de titanio, por favor añadir und “T” a la referencia.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

Per clips in titanio, per favore aggiuntete al numero d’articolo un “T”.

Yasargil-Standard

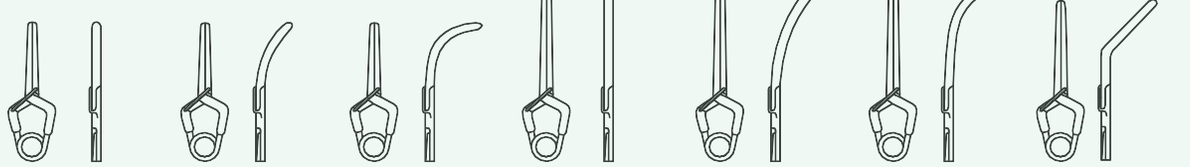
for permanent closure, in high quality implant steel, antimagnetic

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch

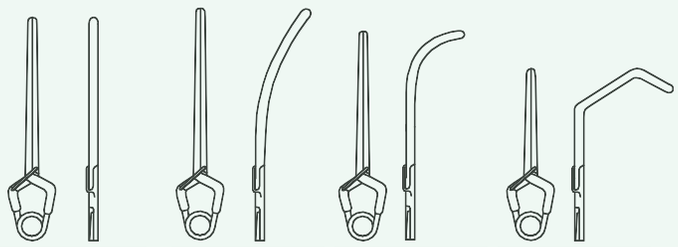
para oclusión permanente, acero de alta calidad, antimagnetico

pour fermeture permanente, acier de haute qualité, anti-magnétique

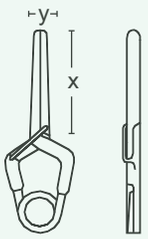
per chiusura permanente, accaio di alta qualita, antimagnetico



13-832-00	13-833-00	13-834-00	13-835-00	13-836-00	13-837-00	13-838-00
x = 9.0 mm	x = 9.0 mm	x = 9.0 mm	x = 15.0 mm	x = 15.0 mm	x = 15.0 mm	x = 9.0 mm
y = 7,0 mm	y = 6.8 mm	y = 6.1 mm	y = 9.2 mm	y = 8.7 mm	y = 7.4 mm	y = 6.2 mm
gms = 90	gms = 90	gms = 110	gms = 90	gms = 110	gms = 110	gms = 110



13-839-00	13-840-00	13-841-00	13-842-00
x = 20.0 mm	x = 20.0 mm	x = 17.0 mm	x = 13.0 mm
y = 11.4 mm	y = 11.0 mm	y = 9.9 mm	y = 7.5 mm
gms = 110	gms = 90	gms = 90	gms = 90



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms = Force de fermeture
gms = Sforza della chiusura

For titanium clips, please add a "T" to the reference number.

Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T" hinzufügen.

Para clips de titanio, por favor añadir und "T" a la referencia.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

Per clips in titanio, per favore aggiuntete al numero d'articolo un "T".

Yasargil-Mini

for permanent closure, in high quality implant steel, antimagnetic

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch

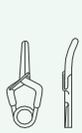
para oclusión permanente, acero de alta calidad, antimagnetico

pour fermeture permanente, acier de haute qualité, anti-magnétique

per chiusura permanente, accaio di alta qualita, antimagnetico



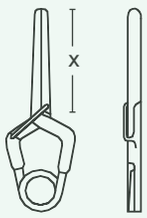
13-843-00	13-844-00	13-845-00	13-846-00	13-847-00	13-848-00	13-849-00
x = 3.0 mm	x = 5.0 mm	x = 3.0 mm	x=5.0 mm	x = 7.0 mm	x = 3.0 mm	x = 4.0 mm
y = 3.3 mm	y = 4.0 mm	y = 3.3 mm	y=4.0 mm	y = 4.6 mm	y = 3.2 mm	y = 3.8 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110



13-850-00	13-851-00	13-852-00	13-853-00	13-854-00	13-855-00	13-856-00
x = 4.0 mm	x = 5.0 mm	x = 4.0 mm	x=5.0 mm	x = 7.0 mm	x = 4.0 mm	x = 4.0 mm
y = 3.6 mm	y = 3.8 mm	y = 3.6 mm	y=4.0 mm	y = 4.4 mm	y = 3.6 mm	y = 3.5 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110



13-857-00	13-858-00	13-859-00	13-860-00	13-861-00	13-862-00
x = 5.0 mm	x = 5.0 mm	x = 6.0 mm	x = 4.0 mm	x = 7.0 mm	x = 7.0 mm
y = 4.0 mm	y = 3.5 mm	x = 6.0 mm	y = 7.0 mm	y = 5.7 mm	y = 4.5 mm
gms = 110	gms =130	gms = 130	gms = 130	gms = 130 gms	gms = 130



x = Jaw length
x = Maullänge
x = Longitud de la boca
x = Longueur du mors
x = Lunghezza del morso

y = max. opening
y = max. Maulöffnung
y = Apertura max. de la boca
y = Ouverture max. du mors
y = Apertura mass. del morso

gms = Pressure
gms = Schließkraft
gms = Presión
gms = Force de fermeture
gms = Sforza della chiusura

For titanium clips, please add a “T” to the reference number.

Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

Para clips de titanio, por favor añadir und “T” a la referencia.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

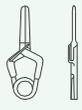
Per clips in titanio, per favore aggiuntete al numero d’articolo un “T”.

Yasargil-Mini

for temporary closure, in high quality implant steel, antimagnetic
für temporären Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
para oclusión temporal, acero de alta calidad, antimagnetico
pour fermeture temporaire, acier de haute qualité, anti-magnétique
per chiusura temporanea, accaio di alta qualita, antimagnetico



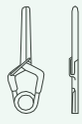
13-863-00
x = 3.0 mm
y = 3.3 mm
gms = 90



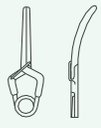
13-864-00
x = 5.0 mm
y = 4.0 mm
gms = 70



13-865-00
x = 4.0 mm
y = 3.8 mm
gms = 70



13-866-00
x = 7.0 mm
y = 4.6 mm
gms = 70



13-867-01
x = 7.0 mm
y = 4.4 mm
gms = 70



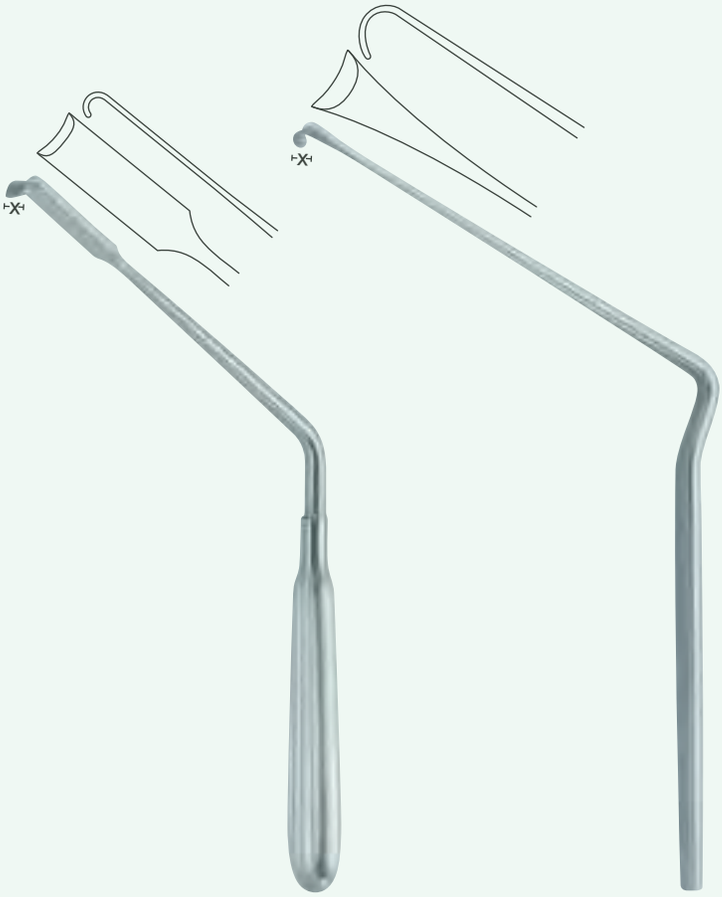
13-868-00
x = 5.0 mm
y = 4.0 mm
gms = 70



Scoville
13-869-23
23 cm - 9”
x = 8 mm



Holsher
13-870-24
24 cm - 9½”
x = 7 mm



Scoville
13-871-20
20 cm - 8”
x = 7 mm

Martin
13-872-21
21 cm - 8¼”
x = 7 mm







Toennis

13-873-01	13-874-02
15 cm - 6”	19 cm - 7 ½”

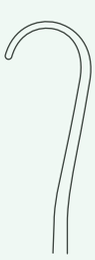




Halle

13-875-20
20 cm - 8”

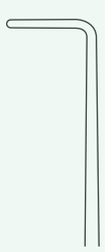




Smithwick

13-876-17	17 cm - 6 ¾”
13-876-21	21 cm - 8 ¼”







Hoen

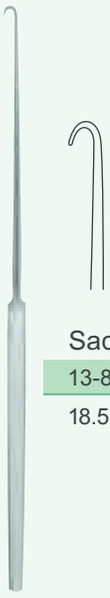
13-877-22
22 cm - 8 ¾”



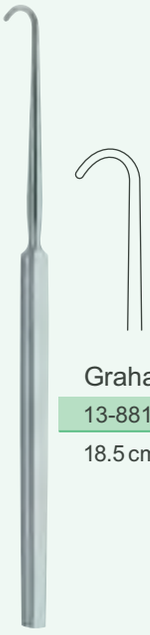


Cushing

13-878-19	13-879-19	19 cm - 7 ½”
13-878-28	13-879-28	28 cm - 11”



Sachs
13-880-18
18.5 cm - 7 ¼”



Graham
13-881-18
18.5 cm - 7 ¼”



Frazier
13-882-17
17 cm - 6 ¾”



Crile
13-883-01
Fig. 1
20 cm - 8”



13-883-02
Fig 2
20 cm - 8”



Toennis
13-885-15
15 cm - 6”



Dandy
13-886-20
Fig. 1
20 cm - 8”



13-887-20
Fig. 2
20 cm - 8”



13-888-20
Fig. 3
20 cm - 8”



Adson
13-889-20
Fig. 1

13-890-20
20 cm - 8”
Fig. 2



Love

13-891-19	13-892-19	13-893-19
Fig. 1	Fig. 2	Fig. 3

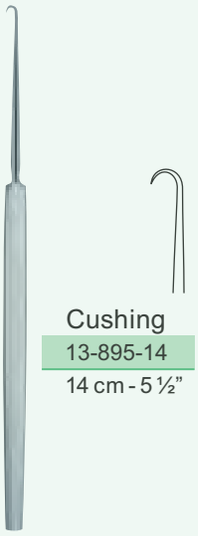
19 cm - 7 ½”



Yasargil

13-894-31	31 cm - 12 ¼”
13-894-41	41 cm - 16 ¼”

Galea retractor
Galeahaken
Retractor de Galea
Retracteur Galea
Rettrotore di Galea

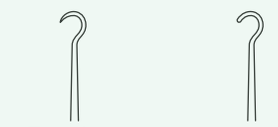


Cushing

13-895-14

14 cm - 5 ½”

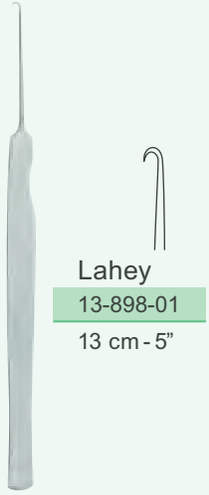




Frazier

13-896-13	13-897-13
13-896-18	13-897-18
sharp	blunt
spitz	stumpf
agudo	romos
pointu	mousse
acuto	smusso

13 cm - 5”
18 cm - 7”



Lahey

13-898-01

13 cm - 5”



Zöllner



90°

13-899-01

Roundknife, angledup
Rundschnittmesser, nach oben gebogen
Cuchillo redondo, angulado arriba
Coureau rond, coudé en haut
Coltello rotondo, angolato in alto



90°

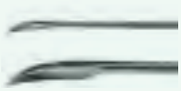
13-900-00

Roundknife, angleddown
Rundschnittmesser, nach unten gebogen
Cuchillo redondo, angulado a bajo
Couteau rond, coudé en bas
Coltello rotondo, angolato in basso



13-901-00

Sickleknife, angledup
Sichelmesser, nach oben gebogen
Cuchillo de hoz, angulado arriba
Couteau faucille, courbe vers le haut
Coltello a forma di falce, angolato in alto



13-902-00

Sickleknife, angleddown
Sichelmesser, nach unten gebogen
Cuchillo de hoz, angulado a bajo
Couteau faucille, courbe vers le bas
Coltello a forma di falce, curvato in basso



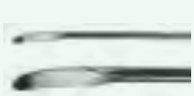
13-903-00

Lancetknife, curvedto left
Lanzenmesser, links gebogen
Cuchillo lanceolado, angulado a la izquierda
Couteau lancéolaire, courbe à gauche
Coltello lancelato, curvato a sinistra



13-904-00

Lancetknife, curvedto right
Lanzenmesser, rechts gebogen
Cuchillo lanceolado, angulado a la derecha
Couteau lancéolaire, courbe à droite
Coltello lancelato, curvato a destra



13-905-01

Raspatory,curvedto left
Raspatorium, links gebogen
Raspatorio, angulado a la izquierda
Décolleur, courbe à gauche
Raspatorio, curvato a sinistra



13-906-01

Raspatory,curvedto right
Raspatorium, rechts gebogen
Raspatorio, angulado a la derecha
Décolleur, courbe à droite
Raspatorio, curvato a destra



13-907-01

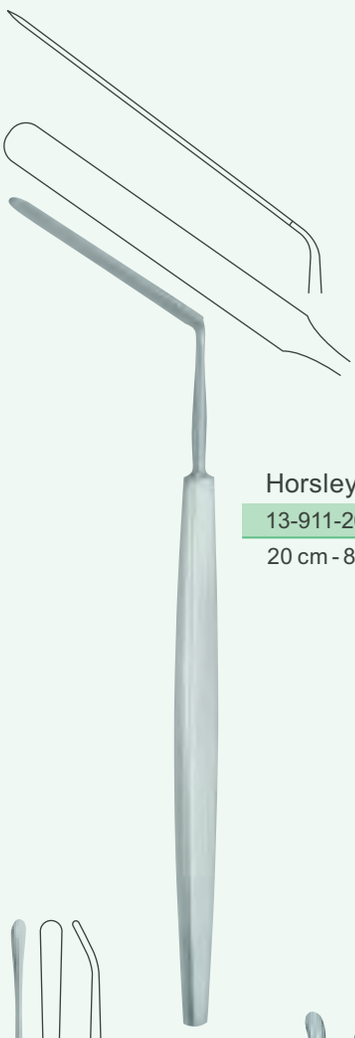
Wireguide
Führungsgabel
Tenedor guia
Fourchette d'introduction
Forchetta guida



Sachs
13-908-21

13-909-21

13-910-21 21 cm - 8 ¼”



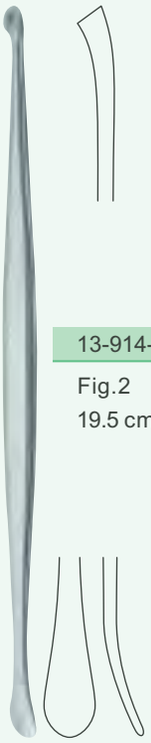
Horsley
13-911-20
20 cm - 8”



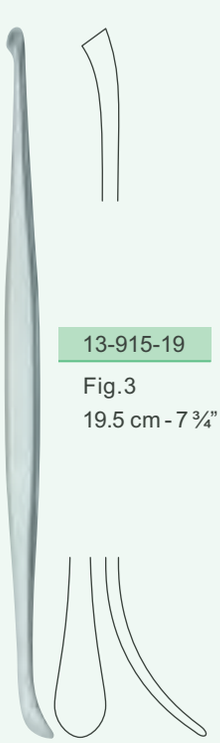
Smithwick
13-912-29
29 cm - 11 ½”



Penfield
13-913-17
Fig.1
17.5 cm - 7”



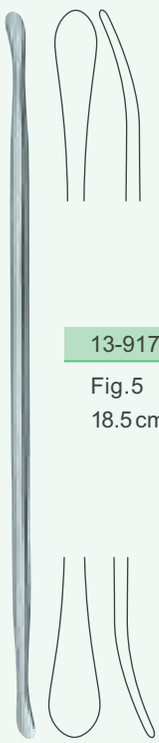
13-914-19
Fig.2
19.5 cm - 7 ¾”



13-915-19
Fig.3
19.5 cm - 7 ¾”

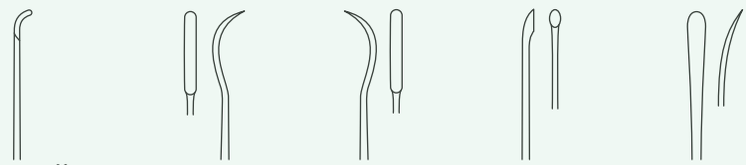


13-916-21
Fig.4
21.5 cm - 8 ½”



13-917-18
Fig.5
18.5 cm - 7 ¼”





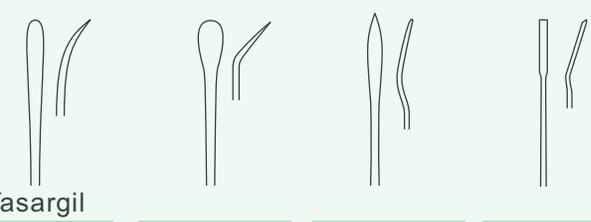
Yasargil

13-918-19	13-919-19	13-920-19	13-921-19	13-922-19	19 cm - 7 ½”

straight
gerade
recta
droit
rette

13-923-19	13-924-19	13-925-19	13-926-19	13-927-19	19 cm - 7 ½”

bayonet
bajonett
bayoneta
baionette
baionetta



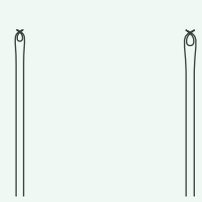
Yasargil

13-928-19	13-929-19	13-930-19	13-931-19	19 cm - 7 ½”

straight
gerade
recta
droit
rette

01-932-22	01-933-22	01-934-22	01-935-22	19 cm - 7 ½”

bayonet
bajonett
bayoneta
baionette
baionetta



01-936-22	01-937-22	19 cm - 7 ½”

straight, with Twist-fixationhook
gerade, mit Dreh-Fixierhaken
recta, con gancho de fijación
droit, avec crochet de fixation
rette, con uncino di fissaggio “Twist“





Kraus
13-938-19
bayonet
bajonett
bayoneta
baionette
baionetta



Yasargil
13-939-19



Koos
13-940-19



Koos
13-941-19



Koos
13-942-19
19 cm - 7 ½”



Jacobson
13-943-19
19 cm - 7 ½”





Krayen bühl
13-944-19



13-945-19
without knob
ohne Knopf
sin bola
sans boule
senza bottone



13-946-19



13-947-19
with knob
mit Knopf
con bola
avec boule
con bottone
19 cm - 7 ½”





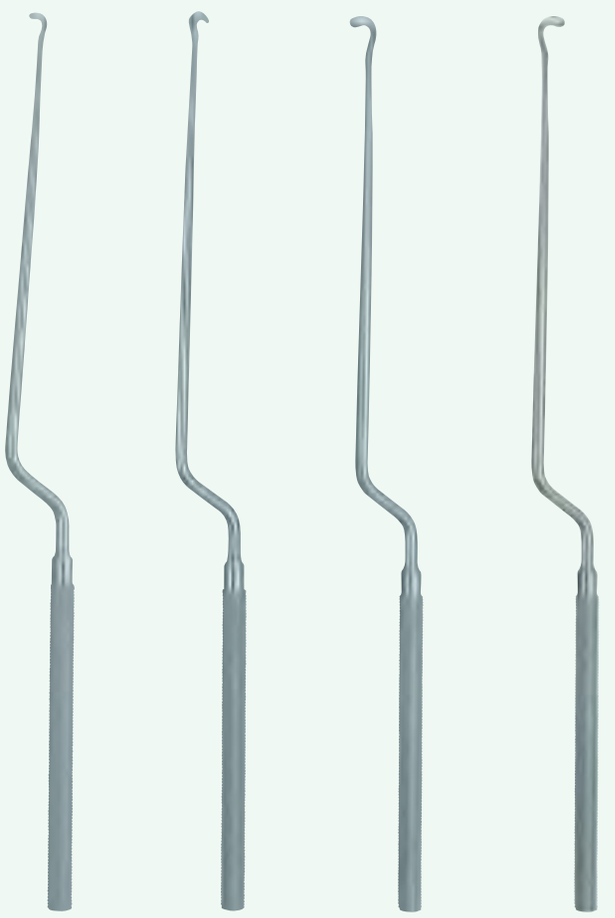
13-948-19



Jacobson
13-949-19



Fisch
13-950-19
19 cm - 7 ½”



Hardy

13-951-25	13-952-25	13-953-25	13-954-25
25 cm - 9 ¾"	25 cm - 9 ¾"	25 cm - 9 ¾"	25 cm - 9 ¾"

bayonet, sharp inner edge
bajonett, innen scharf
bayoneta, cortante al interno
baionette, tranchant à l'interne
baionetta, acuto all'interno



Hardy

13-955-27	13-956-27	27 cm - 10 ¾"
4 mmØ	6 mmØ	

bayonet, malleable
bajonett, biegsam
bayoneta, maleable
baionette, malléable
baionetta, flessibile



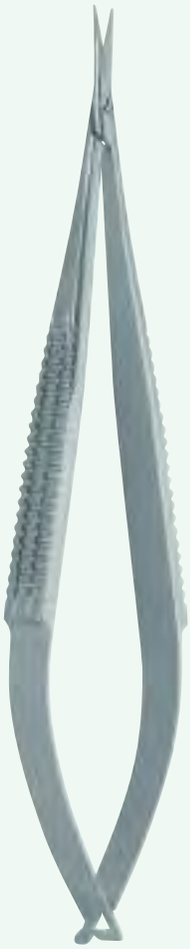




Vannas

13-957-08	13-958-08	8 cm - 3 ¼”

Vannas-Schneide
Vannas-blade
Lame de Vannas
Hoja de Vannas
Lama Vannas





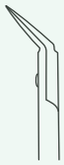


Welsh

13-959-12	13-960-12	12 cm - 4 ¾”
straight	curved	Blade 10 mm, sharp
gerade	gebogen	Schneide 10 mm, spitz
recta	curva	Hoja 10 mm, agudas
droite	courbe	Lame 10 mm, pointu
retta	curva	Lama 10 mm, acuta



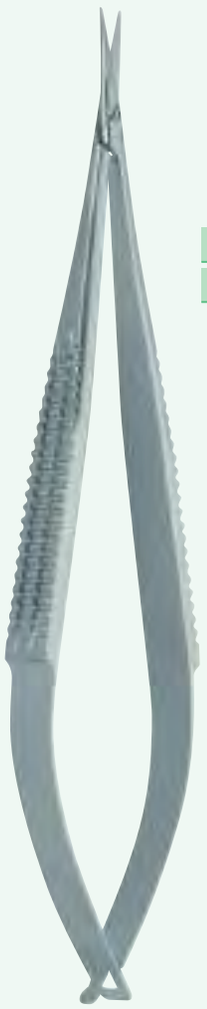


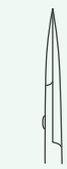


13-961-12	13-962-12	13-963-12	12 cm - 4 ¾”
straight	curved	angled up	Vannas-blade
gerade	gebogen	aufgewinkelt	Vannas-Schneide
recta	curva	acodada	Hoja de Vannas
droite	courbe	angulaire	Lama de Vannas
retta	curva	angolata	Vannas-lama



13-964-12	12 cm - 4 ¾”
straight	Vein-blade (Biemer)
gerade	Venen-Schneide (Biemer)
recta	Hoja para venas (Biemer)
droite	Lame pour vènes (Biemer)
retta	Lama per vene (Biemer)





Welsh

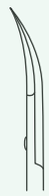
13-965-15		
13-965-18		
straight, short blades gerade, kurze Schneide recta, hojas cortas droites, lames courtes retta, lama corta		



13-966-15		
13-966-18		
curved, short blades gebogen, kurze Schneide curva, hojas cortas courbes, lames courtes curva, lama corta		



13-967-15		
13-967-18		
straight, long blades gerade, lange Schneide recta, hojas largas droites, lames longues retta, lama lunga		



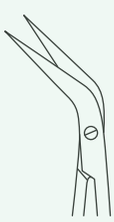
13-968-15	15 cm - 6”	
13-968-18	18 cm - 7”	
curved, long blades gebogen, lange Schneide curva, hojas largas courbes, lames longues curva, lama lunga		



13-969-15		
13-969-18		
straight, saw edge gerade, gezahnt recta, dentadas droites, dentelés retta, dentata		



13-970-15		
13-970-18		
curved, saw edge gebogen, gezahnt curva, dentadas courbes, dentelés curva, dentata		



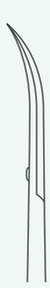
13-971-15	15 cm - 6”	
13-971-18	18 cm - 7”	
angled on flat, 45° kniegebogen, 45° acodada, 45° angulaires, 45° angolata, 45°		



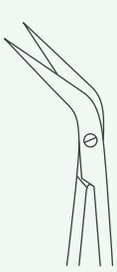


Yasargil

13-972-18		
straight gerade recta droits retta		



13-973-18		
curved gebogen curva courbes curva		



13-974-18	18.5 cm - 7 ¼”	
angled on flat kniegebogen acodada angulaires angolata		



Welsh



13-975-12

straight
gerade
recta
droites
retta



13-976-12 12 cm - 4 ¾”

curved
gebogen
curva
courbes
curva

Long blades 14 mm, smooth, sharp
Lange Schneide 14 mm, glatt, spitz
Hojas largas 14 mm, lisas, agudas
Lama lunga 14 mm, liscia, acuta
Lames longues 14 mm, lisses, pointues



13-977-12

straight, saw edge
gerade, gezahnt
recta, dentadas
droites, dentelés
retta, dentata



13-978-12 12 cm - 4 ¾”

curved, saw edge
gebogen, gezahnt
curva, dentadas
courbes, dentelés
curva, dentata

Long blades 14 mm, sharp
Lange Schneide 14 mm, spitz
Hojas largas 14 mm, agudas
Lames longues 14 mm, pointues
Lama lunga 14 mm, acuta



13-979-14

straight
gerade
recta
droits
retta

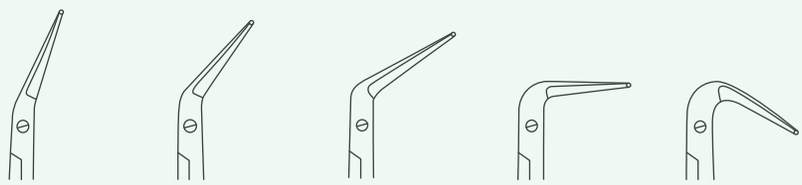


13-980-14 14.5 cm - 5 ¾”

curved
gebogen
curva
courbes
curva

Vannas-blades, smooth, sharp
Vannas-Schneide, glatt, spitz
Hojas de Vannas, lisas, agudas
Lames de Vannas, lisses, pointues
Vannas-lama, liscia, acuta

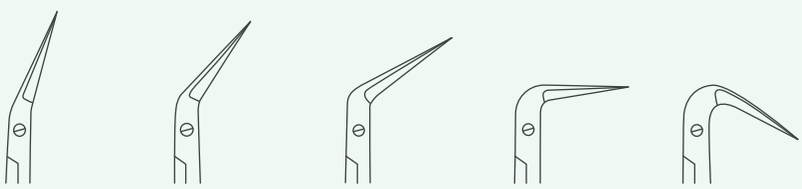




Yasargil

13-981-17	13-982-17	13-983-17	13-984-17	13-985-17	17 cm - 6 ¾"
25°	45°	60°	90°	125°	

with ball
mit Knopf
con botón
avec bouton
con bottone



Yasargil

13-986-17	13-987-17	13-988-17	13-989-17	13-990-17	17 cm - 6 ¾"
25°	45°	60°	90°	125°	

without ball
mit ohne Knopf
sin bola botón
sans boule bouton
con senza bottone








Irwan

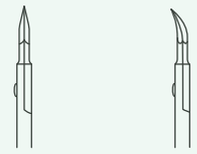
13-991-14	13-992-14	13-993-14	13-994-14	14.5 cm 5 ¾”
13-991-18	13-992-18	13-993-18	13-994-18	18 cm - 7”
straight, sharp gerade, spitz rectas, agudas droites, pointues retta, acuta	curved, sharp gebogen, spitz curvas, agudas courbes, pointues curva, acuta	straight, blunt gerade, stumpf rectas, romas droites, mousses retta, smussa	curved, blunt gebogen, stumpf curvas, romas courbes, mousses curva, smussa	short blades 8 mm, smooth kurze Schneide 8 mm, glatt hojas cortas 8 mm, lisos lames courtes 8 mm, lisses lama corta 8 mm, liscia





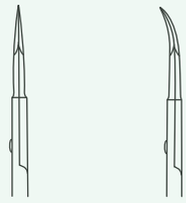

13-995-14	13-996-14	13-997-14	13-998-14	14.5 cm 5 ¾”
13-995-18	13-996-18	13-997-18	13-998-18	18 cm - 7”
straight, sharp gerade, spitz rectas, agudas droites, pointues retta, acuta	curved, sharp gebogen, spitz curvas, agudas courbes, pointues curva, acuta	straight, blunt gerade, stumpf rectas, romas droites, mousses retta, smussa	curved, blunt gebogen, stumpf curvas, romas courbes, mousses curva, smussa	long blades 14 mm, smooth lange Schneide 14 mm, glatt hojas largas 14 mm, lisos lames longues 14 mm, lisses lama lunga 14 mm, liscia





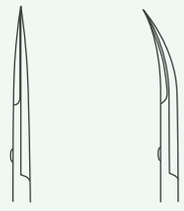
Vannas

13-999-12	13-100-12
12 cm - 5”	12 cm - 5”
7 mm Ø	7 mm Ø



Vannas

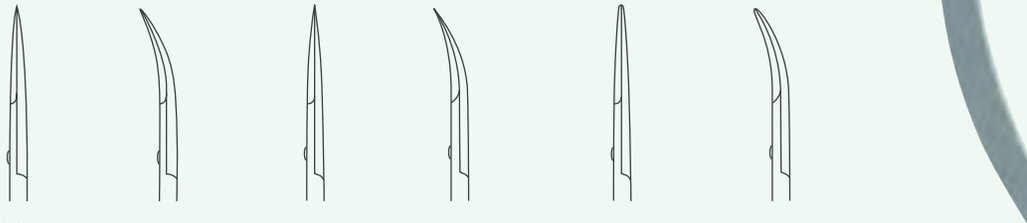
13-101-15	13-102-15
15 cm - 6”	15 cm - 6”
8 mm Ø	8 mm Ø



Castroviejo

13-103-15	13-104-15	15 cm - 6”
8 mmØ	8 mmØ	

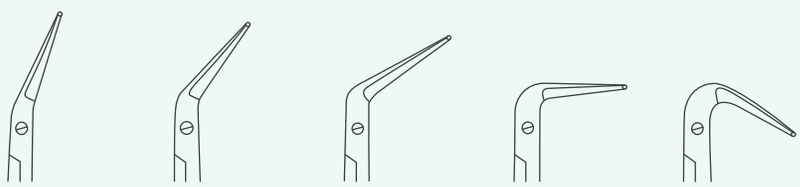




Irwan

13-105-08	13-106-08	13-107-08	13-108-08	13-109-08	13-110-08	8 mmØ
13-105-10	13-106-10	13-107-18	13-108-18	13-109-18	13-110-18	10 mmØ
18 cm - 7”	18 cm - 7”	18 cm - 7”	18 cm - 7”	18 cm - 7”	18 cm - 7”	
sharp/sharp		sharp/blunt		blunt/blunt		

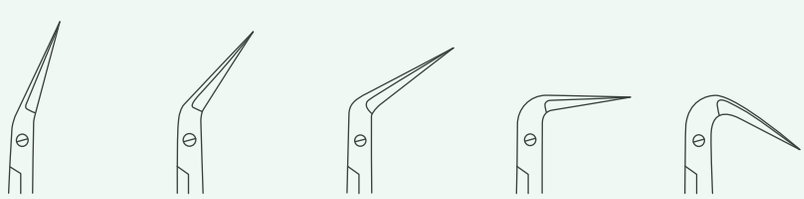




Irwan Pro

13-111-17	13-112-17	13-113-17	13-114-17	13-115-17	17 cm - 6¾"
25°	45°	60°	90°	125°	8 mmØ

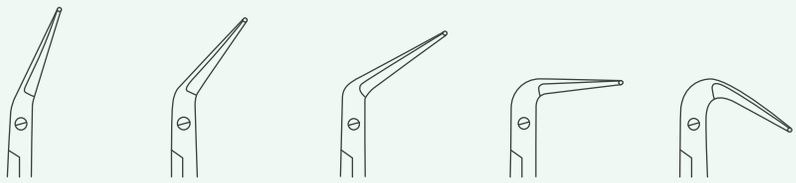
Blade 10 mm, with ball, sharp
Schneide 10 mm, mit Knopf, spitz
Hojas 10 mm, con botón, agudas
Lames 10 mm, avec bouton, pointues
Lama 10 mm, con bottone, acuta



13-116-18	13-117-18	13-118-18	13-119-18	13-120-18	18 cm - 7"
25°	45°	60°	90°	125°	8 mmØ

Blade 10 mm, without ball, sharp
Schneide 10 mm, ohne Knopf, spitz
Hojas 10 mm, sin botón, agudas
Lames 10 mm, sans bouton, pointues
Lama 10 mm, senza bottone, acuta

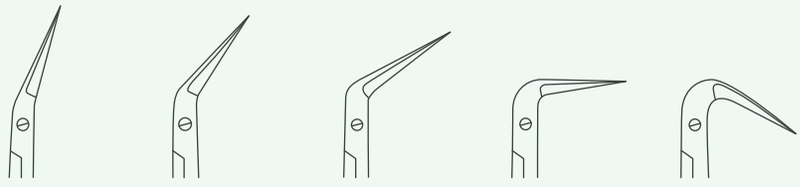




Irwan Pro

13-121-18	13-122-18	13-123-18	13-124-18	13-125-18	18 cm 7”
25°	45°	60°	90°	125°	8 mmØ

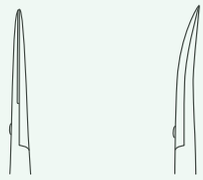
with ball
mit Knopf
con botón
avec bouton
con bottone



13-126-18	13-127-18	13-128-18	13-129-18	13-130-18	18 cm 7”
25°	45°	60°	90°	125°	8 mmØ

without ball
ohne Knopf
sin botón
sans bouton
senza bottone

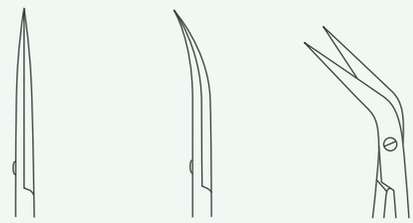




Dylex

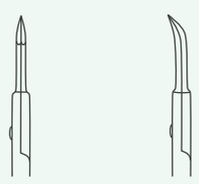
13-131-15	13-132-15 15 cm - 6”
9 mmØ	9 mmØ





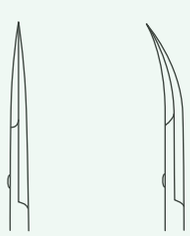
Jacobson

13-133-16	13-134-16	13-135-16	16 cm - 6 ¼"
13-133-18	13-134-18	13-135-18	18 cm - 7"
straight	curved	angled, 45°	
gerade	gebogen	abgewinkelt, 45°	
recta	curva	acodada, 45°	
droits	courbes	angulaires, 45°	
retta	curva	angolata, 45°	



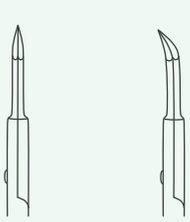
13-136-16	13-137-16	13-138-16	16 cm - 6 ¼"
13-136-18	13-137-18	13-138-18	18 cm - 7"

Vannas blade
Vannas Schneide
Hoja de Vannas
Lame de Vannas
Lama Vannas



Yasargil-mod.

13-139-18	13-140-18	18 cm - 7"
13-139-22	13-140-22	22.5 cm - 8 ¾"



13-141-22	13-142-22	22.5 cm - 8 ¾"

Vannas blade
Vannas Schneide
Hoja de Vannas
Lame de Vannas
Lama Vannas










Yasargil

13-143-20	13-144-20	13-145-20	13-146-20	20 cm - 8”
13-143-22	13-144-22	13-145-22	13-146-22	22. cm - 8 ¾”
straight gerade recta droits retta	curved gebogen curva courbes curva	straight, saw edge gerade, gezahnt recta, dentadas droits, dentelées retta, dentata	curved, saw edge gebogen, gezahnt curva, dentadas courbes, dentelées curva, dentata	Blade smooth, sharp Schneide glatt, spitz Hojas lisas, agudas Lames lisses, pointues Lama liscia, acuta




13-147-20	13-148-20	20 cm - 8”
13-147-22	13-148-22	22. cm - 8 ¾”

Vannas blade
Vannas Schneide
Hoja de Vannas
Lame de Vannas
Lama Vannas




13-149-20	13-150-20	20 cm - 8”
13-149-22	13-150-22	22. cm - 8 ¾”

Dissector blade, blunt
Präparier-Schneide, stumpf
Hojas de disección, roma
Lames de dissction, moussé
Lama da dissezione, smussa

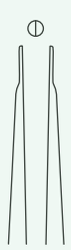


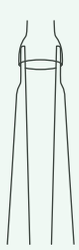


Pierse

13-156-12	12 cm - 4 ¾”
13-156-13	13.5 cm - 5 ¼”



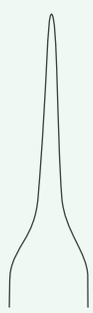




Sholm

13-157-11	x = 0.2 mm very fine sehr fein muy fino très fin molto fino
13-158-11	11 cm - 4 ¼” x = 0.3 mm

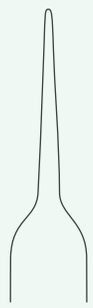




Lazar

13-159-15

15.5 cm - 6”
0.5 mm



13-160-15

15.5 cm - 6”
0.8 mm





9 mm Ø



9 mm Ø



9 mm Ø



9 mm Ø

Lester

13-161-18	13-162-18	13-163-18	13-164-18	18 cm - 7”
		1x2	1x2	

Tying platform 6.0 mm x0.4 mm, smooth
Fadenplatte 6,0 mm x0,4 mm, glatt
Plataforma 6.0 mm x0.4 mm, lisa
Plate-forme 6.0 mm x0.4 mm, lisse
Piano per sutura 6.0 mm x0.4 mm, liscio

9 mmØ	9 mmØ	9 mmØ	9 mmØ	
13-165-18	13-166-18	13-167-18	13-168-18	18 cm - 7”
		1x2	1x2	

Tying platform 6.0 mmx0.4 mm, diamond coated
Fadenplatte 6,0mmx0,4 mm, diamantiert
Plataforma 6.0mm x0.4mm, diamantada
Plate-forme 6.0 mm x0.4 mm, diamanté
Piano per sutura 6.0 mm x0.4 mm, diamantata



9 mmØ



9 mmØ



9 mmØ



9 mmØ

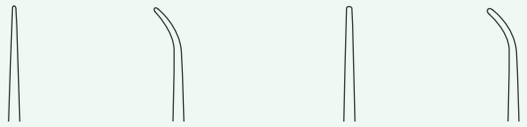
13-169-18	13-170-18	13-171-18	13-172-18	18 cm - 7”
		1x2	1x2	

Tying platform 6.0 mm x0.8 mm, smooth
Fadenplatte 6,0 mm x0,8 mm, glatt
Plataforma 6.0 mm x0.8mm, lisa
Plate-forme 6.0 mm x0.8 mm, lisse
Piano per sutura 6.0 mm x0.8 mm, liscio

9 mmØ	9 mmØ	9 mmØ	9 mmØ	
13-173-18	13-174-18	13-175-18	13-176-18	18 cm - 7”
		1x2	1x2	

Tying platform 6.0 mmx0.8 mm, diamond coated
Fadenplatte 6,0 mmx0,8 mm, diamantiert
Plataforma 6.0 mm x0.8mm, diamantada
Plate-forme 6.0 mmx0.8 mm, diamanté
Piano per sutura 6.0 mmx0.8 mm, diamantata

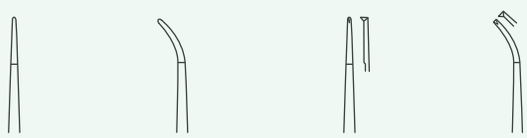




Lester

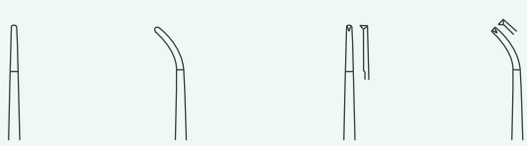
13-177-15	13-178-15	13-179-15	13-180-15	15 cm - 6”
13-177-18	13-178-18	13-179-18	13-180-18	18 cm - 7”
13-177-21	13-178-21	13-179-21	13-180-21	21 cm - 8 ¼”
13-177-23	13-178-23	13-179-23	13-180-23	23 cm - 9”
0.3 mm	0.3 mm	0.7 mm	0.7 mm	8 mmØ

Jaw smooth
Maul glatt
Boca lisa
Mors lisse
Morso liscio



13-181-15	13-182-15	13-183-15	13-184-15	15 cm - 6”
13-181-18	13-182-18	13-183-18	13-184-18	18 cm - 7”
13-181-21	13-182-21	13-183-21	13-184-21	21 cm - 8 ¼”
13-181-23	13-182-23	13-183-23	13-184-23	23 cm - 9”
0.3 mm	0.3 mm	0.7 mm	0.7 mm	8 mmØ

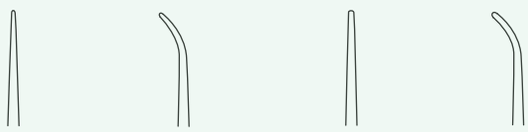
Tying platform 6.0 mm x 0.3 mm, smooth
Fadenplatte 6,0 mm x 0,3 mm, glatt
Plataforma 6.0 mm x 0.3 mm, lisa
Plate-forme 6.0 mm x 0.3 mm, lisse
Piano per sutura 6.0 mm x 0.3 mm, liscio



13-185-15	13-186-15	13-187-15	13-188-15	15 cm - 6”
13-185-18	13-186-18	13-187-18	13-188-18	18 cm - 7”
13-185-21	13-186-21	13-187-21	13-188-21	21 cm - 8 ¼”
13-185-23	13-186-23	13-187-23	13-188-23	23 cm - 9”
0.3 mm	0.3 mm	0.7 mm 1x2	0.7 mm 1x2	8 mmØ

Tying platform 6.0 mm x 0.7 mm, smooth
Fadenplatte 6,0 mm x 0,7 mm, glatt
Plataforma 6.0 mm x 0.7 mm, lisa
Plate-forme 6.0 mm x 0.7 mm, lisse
Piano per sutura 6.0 mm x 0.7 mm, liscio





Lester

13-189-15	13-190-15	13-191-15	13-192-15	15 cm - 6”
13-189-18	13-190-18	13-191-18	13-192-18	18 cm - 7”
13-189-21	13-190-21	13-191-21	13-192-21	21 cm - 8 ¼”
13-189-23	13-190-23	13-191-23	13-192-23	23 cm - 9”
0.3 mm	0.3 mm	0.7 mm	0.7 mm	8 mmØ

diamond coated
diamantiert
diamantada
diamanté
diamantata



13-193-15	13-194-15	13-195-15	13-196-15	15 cm - 6”
13-193-18	13-194-18	13-195-18	13-196-18	18 cm - 7”
13-193-21	13-194-21	13-195-21	13-196-21	21 cm - 8 ¼”
13-193-23	13-194-23	13-195-23	13-196-23	23 cm - 9”
0.3 mm	0.3 mm	0.7 mm 1x2	0.7 mm 1x2	8 mmØ

Tying platform 6.0 mm x 0.3 mm, diamond coated
Fadenplatte 6,0 mm x 0,3 mm, diamantiert
Plataforma 6.0mm x 0.3mm, diamantada
Plate-forme 6.0 mm x 0.3 mm, diamanté
Piano per sutura 6.0 mm x 0.3 mm, diamantata



13-197-15	13-198-15	13-199-15	13-200-15	15 cm - 6”
13-197-18	13-198-18	13-199-18	13-200-18	18 cm - 7”
13-197-21	13-198-21	13-199-21	13-200-21	21 cm - 8 ¼”
13-197-23	13-198-23	13-199-23	13-200-23	23 cm - 9”
0.3 mm	0.3 mm	0.7 mm 1x2	0.7 mm 1x2	8 mmØ

Tying platform 6.0 mm x 0.7 mm, diamond coated
Fadenplatte 6,0 mm x 0,7 mm, diamantiert
Plataforma 6.0 mm x 0.7 mm, diamantada
Plate-forme 6.0 mm x 0.7 mm, diamanté
Piano per sutura 6.0 mm x 0.7 mm, diamantata



Jacobson



13-201-16	
13-201-18	

straight, sharp
gerade, spitz
recta, aguda
droit, pointue
retta, acuta



13-202-16	
13-202-18	

straight, blunt
gerade, stumpf
recta, roma
droit, mousse
retta, smussa



13-203-16	
13-203-18	

angled, sharp
abgewinkelt, spitz
acodada, aguda
angulaire, pointue
angolata, acuta



13-204-16	16 cm - 6 ¼”
13-204-18	18 cm - 7”

angled, blunt
abgewinkelt, stumpf
acodada, roma
angulaire, mousse
angolata, smussa

13-205-16	
13-205-18	

straight, sharp
gerade, spitz
recta, aguda
droit, pointue
retta, acuta

13-206-16	
13-206-18	

straight, blunt
gerade, stumpf
recta, roma
droit, mousse
retta, smussa

13-207-16	
13-207-18	

angled, sharp
abgewinkelt, spitz
acodada, aguda
angulaire, pointue
angolata, acuta

13-208-16	16 cm - 6 ¼”
13-208-18	18 cm - 7”

angled, blunt
abgewinkelt, stumpf
acodada, roma
angulaire, mousse
angolata, smussa

diamond coated
diamantiert
diamantada
diamanté
diamantata









Yasargil

13-209-22	13-210-22	13-211-22 3.0 mm
13-209-22	13-210-22	13-211-22 5.0 mm
22.5 cm - 8 ¾”	22.5 cm - 8 ¾”	22.5 cm - 8 ¾”
spoon form	plan toothed	curette form
löffelförmig	flach gezahnt	kürettenförmig
forma de cuchara	dentada	forma de cureta
forme de cuillère	dentelé	forme de curette
forma di cucchiaio	dentato	forma di curetta







Yasagil

13-212-20	13-213-20	13-214-20	13-215-20 20 cm - 8”
13-212-22	13-213-22	13-214-22	13-215-22 22.5 cm - 8 ¾”
straight, sharp gerade, spitz recta, aguda droit, pointue retta, acuta	straight, blunt gerade, stumpf recta, roma droit, mousse retta, smussa	angled, sharp abgewinkelt, spitz acodada, aguda angulaire, pointue angolata, acuta	angled, blunt abgewinkelt, stumpf acodada, roma angulaire, mousse angolata, smussa

diamond coated
diamantiert
diamantado
diamanté
diamantato

13-216-22	13-217-22 22.5 cm - 8 ¾”
straight, sharp gerade, spitz recta, aguda droit, pointue retta, acuta	straight, blunt gerade, stumpf recta, roma droit, mousse retta, smussa

Titanium

13-218-20	13-219-20 20 cm - 8”
13-218-22	13-219-22 22.5 cm - 8 ¾”
angled, sharp abgewinkelt, spitz acodada, aguda angulaire, pointue angolata, acuta	angled, blunt abgewinkelt, stumpf acodada, roma angulaire, mousse angolata, smussa








Wolf

9 mmØ	9 mmØ	9 mmØ	9 mmØ	
13-220-21	13-221-21	13-222-21	13-223-21	21 cm - 8 ¼”
13-220-23	13-221-23	13-222-23	13-223-23	23 cm - 9”
straight, sharp gerade, spitz recta, aguda droit, pointue retta, acuta	straight, blunt gerade, stumpf recta, roma droit, mousse retta, smussa	angled, sharp abgewinkelt, spitz acodada, aguda angulaire, pointue angolata, acuta	angled, blunt abgewinkelt, stumpf acodada, roma angulaire, mousse angolata, smussa	

9 mmØ	9 mmØ	9 mmØ	9 mmØ	
13-224-21	13-225-21	13-226-21	13-227-21	21 cm - 8 ¼”
13-224-23	13-225-23	13-226-23	13-227-23	23 cm - 9”
straight, sharp gerade, spitz recta, aguda droit, pointue retta, acuta	straight, blunt gerade, stumpf recta, roma droit, mousse retta, smussa	angled, sharp abgewinkelt, spitz acodada, aguda angulaire, pointue angolata, acuta	angled, blunt abgewinkelt, stumpf acodada, roma angulaire, mousse angolata, smussa	

diamond coated
diamantiert
diamantado
diamanté
diamantato










Herman

13-228-15	13-229-15	13-230-15	13-231-15	13-232-15	13-233-15	15 cm - 6”
13-228-18	13-229-18	13-230-18	13-231-18	13-232-18	13-233-18	18 cm - 7”
13-228-21	13-229-21	13-230-21	13-231-21	13-232-21	13-233-21	21 cm - 8 ¼”
13-228-23	13-229-23	13-230-23	13-231-23	13-232-23	13-233-23	23 cm - 9”
1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	9 mmØ
smooth	slightly serrated	smooth	slightly serrated	diamond coated	diamond coated	
glatt	fein gerieft	glatt	fein gerieft	diamantiert	diamantiert	
lisa	lig. estriada	lisa	lig. estriada	diamantada	diamantada	
lisse	légèrement strié	lisse	légèrement strié	diamanté	diamanté	
liscia	fina zigrinata	liscia	fina zigrinata	diamantata	diamantata	

13-234-15	13-235-15	13-236-15	13-237-15	13-238-15	13-239-15	15 cm - 6”
13-234-18	13-235-18	13-236-18	13-237-18	13-238-18	13-239-18	18 cm - 7”
13-234-21	13-235-21	13-236-21	13-237-21	13-238-21	13-239-21	21 cm - 8 ¼”
13-234-23	13-235-23	13-236-23	13-237-23	13-238-23	13-239-23	23 cm - 9”
1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	9 mmØ
smooth	slightly serrated	smooth	slightly serrated	diamond coated	diamond coated	
glatt	fein gerieft	glatt	fein gerieft	diamantiert	diamantiert	
lisa	lig. estriada	lisa	lig. estriada	diamantada	diamantada	
lisse	légèrement strié	lisse	légèrement strié	diamanté	diamanté	
liscia	fina zigrinata	liscia	fina zigrinata	diamantata	diamantata	

Titanium





Herman

13-240-21	13-241-21	13-242-21	13-243-21 21 cm - 8 ¼”
13-240-23	13-241-23	13-242-23	13-243-23 23 cm - 9”
1.0 mm x 0.5 mm	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm	2.0 mm x 1.0 mm 9 mmØ
smooth	serrated	smooth	serrated
glatt	gerieft	glatt	gerieft
liso	estriada	liso	estriada
lisse	strié	lisse	strié
liscia	zigrinata	liscia	zigrinata



13-244-21	13-245-21 21 cm - 8 ¼”
13-244-23	13-245-23 23 cm - 9”
1.0 mm x 0.5 mm	2.0 mm x 1.0 mm 9 mmØ
diamond coated	
diamantiert	
diamantada	
diamanté	
diamantata	







Stenberg

13-246-15	13-247-15	13-248-15	13-249-15	15 cm - 6”
13-246-18	13-247-18	13-248-18	13-249-18	18 cm - 7”
13-246-21	13-247-21	13-248-21	13-249-21	21 cm - 8 ¼”
13-246-23	13-247-23	13-248-23	13-249-23	23 cm - 9”
x = 1.2 mm	x = 2.0 mm	x = 1.2 mm	x = 2.0 mm	
straight	straight	angled	angled	
gerade	gerade	abgewinkelt	abgewinkelt	
recta	recta	acodada	acodada	
droit	droit	angulaire	angulaire	
retta	retta	angolata	angolata	





Castroviejo

13-250-14	13-251-14	13-252-14	13-253-14	14 cm - 5 ½”

x = 11.0 mm x 0.75 mm

straight	curved	straight, diamond coated	curved, diamond coated
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert
recta	curva	recta, diamantada	curva, diamantada
droit	courbe	droit, diamanté	courbe, diamanté
retto	curvo	retto, diamantato	curvo, diamantato

without ratchet, fine jaws
ohne Sperre, feines Maul
sin cremallera, boca fina
sans crémaillère, mors fine
senza cremagliera, morso fino

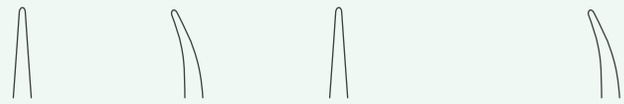
13-254-14	13-255-14	13-256-14	13-257-14	14 cm - 5 ½”

x = 11.0 mm x 0.75 mm

straight	curved	straight, diamond coated	curved, diamond coated
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert
recta	curva	recta, diamantada	curva, diamantada
droit	courbe	droit, diamanté	courbe, diamanté
retto	curvo	retto, diamantato	curvo, diamantato

with ratchet, fine jaws
mit Sperre, feines Maul
con cremallera, boca fina
avec crémaillère, mors fine
con cremagliera, morso fino

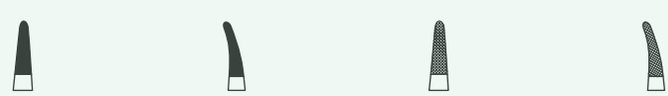




Jacobson

13-258-18	13-259-18	13-260-18	13-261-18 18 cm - 7”
x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
straight	curved	straight, diamond coated	curved, diamond coated
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert
recta	curva	recta, diamantada	curva, diamantada
droit	courbe	droit, diamanté	courbe, diamanté
retto	curvo	retto, diamantato	curvo, diamantato
without ratchet ohne Sperre sin cremallera sans crémaillère senza cremagliera			

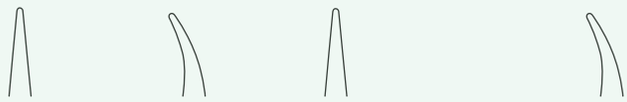
13-262-18	13-263-18	13-264-18	13-265-18 18 cm - 7”
x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
straight	curved	straight, diamond coated	curved, diamond coated
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert
recta	curva	recta, diamantada	curva, diamantada
droit	courbe	droit, diamanté	courbe, diamanté
retto	curvo	retto, diamantato	curvo, diamantato
with ratchet mit Sperre con cremallera avec crémaillère con cremagliera			



13-266-18	13-267-18	13-268-18	13-269-18 18 cm - 7”
x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm 1 mm
straight, smooth	curved, smooth	straight, serrated	curved, serrated
gerade, glatt	gebogen, glatt	gerade, gerieft	gebogen, gerieft
recta, liso	curva, lisa	recta, estriada	curva, estriada
droit, lisse	courbe, lisse	droit, strié	courbe, strié
retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato
without ratchet ohne Sperre sin cremallera sans crémaillère senza cremagliera			

13-270-18	13-271-18	13-272-18	13-273-18 18 cm - 7”
x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm 1 mm
straight, smooth	curved, smooth	straight, serrated	curved, serrated
gerade, glatt	gebogen, glatt	gerade, gerieft	gebogen, gerieft
recta, liso	curva, lisa	recta, estriada	curva, estriada
droit, lisse	courbe, lisse	droit, strié	courbe, strié
retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato
with ratchet mit Sperre con cremallera avec crémaillère con cremagliera			





Yasargil

13-274-18	13-275-18	13-276-18	13-277-18	18 cm - 7”
13-274-20	13-275-20	13-276-20	13-277-20	20 cm - 8”
straight	curved	straight, diamond coated	curved, diamond coated	
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert	
recta	curva	recta, diamantada	curva, diamantada	
droit	courbe	droit, diamanté	courbe, diamanté	
retto	curvo	retto, diamantato	curvo, diamantato	

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-278-18	13-279-18	13-280-18	13-281-18	18 cm - 7”
13-278-20	13-279-20	13-280-20	13-281-20	20 cm - 8”
straight	curved	straight, diamond coated	curved, diamond coated	
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert	
recta	curva	recta, diamantada	curva, diamantada	
droit	courbe	droit, diamanté	courbe, diamanté	
retto	curvo	retto, diamantato	curvo, diamantato	

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera





Jacobson

13-282-21
x = 1 mm
straight
gerade
recta
droit
retto

13-283-21
x = 1 mm
curved
gebogen
curva
courbe
curvo

13-284-21
x = 1 mm
straight, diamond coated
gerade, diamantiert
recta, diamantada
droit, diamanté
retto, diamantato

13-285-21 21 cm - 8 ¼”
x = 1 mm
curved, diamond coated
gebogen, diamantiert
curva, diamantada
courbe, diamanté
curvo, diamantato

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

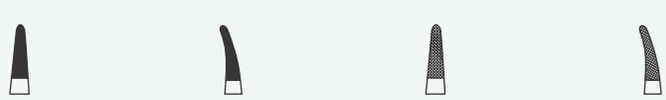
13-286-21
x = 1 mm
straight
gerade
recta
droit
retto

13-287-21
x = 1 mm
curved
gebogen
curva
courbe
curvo

13-288-21
x = 1 mm
straight, diamond coated
gerade, diamantiert
recta, diamantada
droit, diamanté
retto, diamantato

13-289-21 21 cm - 8 ¼”
x = 1 mm
curved, diamond coated
gebogen, diamantiert
curva, diamantada
courbe, diamanté
curvo, diamantato

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera



13-290-21
x = 1 mm
straight, smooth
gerade, glatt
recta, liso
droit, lisse
retto, liscio

13-291-21
x = 1 mm
curved, smooth
gebogen, glatt
curva, lisa
courbe, lisse
curvo, liscio

13-292-21
x = 1 mm
straight, serrated
gerade, gerieft
recta, estriada
droit, strié
retto, zigrinato

13-293-21 21 cm - 8 ¼”
x = 1 mm
curved, serrated
gebogen, gerieft
curva, estriada
courbe, strié
curvo, zigrinato

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-295-21
x = 1 mm
straight, smooth
gerade, glatt
recta, liso
droit, lisse
retto, liscio

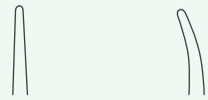
13-296-21
x = 1 mm
curved, smooth
gebogen, glatt
curva, lisa
courbe, lisse
curvo, liscio

13-297-21
x = 1 mm
straight, serrated
gerade, gerieft
recta, estriada
droit, strié
retto, zigrinato

13-298-21 21 cm - 8 ¼”
x = 1 mm
curved, serrated
gebogen, gerieft
curva, estriada
courbe, strié
curvo, zigrinato

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera





Hubson

13-299-01	13-300-01	11 cm - 4 ¼"	8 mmØ
13-299-02	13-300-02	12.5 cm - 5"	7 mmØ
13-299-03	13-300-03	13 cm - 5"	8 mmØ
13-299-04	13-300-04	13 cm - 5"	10 mmØ
13-299-05	13-300-05	15 cm - 6"	8 mmØ
13-299-06	13-300-06	18 cm - 7"	8 mmØ
13-299-07	13-300-07	18 cm - 7"	10 mmØ

straight
gerade
recta
droit
retto

curved
gebogen
curva
courbe
curvo

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-301-01	13-302-01	11 cm - 4 ¼"	8 mmØ
13-301-02	13-302-02	12.5 cm - 5"	7 mmØ
13-301-03	13-302-03	13 cm - 5"	8 mmØ
13-301-04	13-302-04	13 cm - 5"	10 mmØ
13-301-05	13-302-05	15 cm - 6"	8 mmØ
13-301-06	13-302-06	18 cm - 7"	8 mmØ
13-301-07	13-302-07	18 cm - 7"	10 mmØ

straight
gerade
recta
droit
retto

curved
gebogen
curva
courbe
curvo

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera



Barraquer

13-303-14	13-304-14	13-305-14	13-306-14	14 cm - 5 ½"	8 mm Ø
straight	curved	straight, diamond coated	curved, diamond coated		
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert		
recta	curva	recta, diamantada	curva, diamantada		
droit	courbe	droit, diamanté	courbe, diamanté		
retto	curvo	retto, diamantato	curvo, diamantato		

without ratchet, extra delicate jaws
ohne Sperre, sehr feines Maul
sin cremallera, boca muy fina
sans crémaillère, mors très fine
senza cremagliera, morso molto fino

13-307-14	13-308-14	13-309-14	13-310-14	14 cm - 5 ½"	8 mm Ø
straight	curved	straight, diamond coated	curved, diamond coated		
gerade	gebogen	gerade, diamantiert	gebogen, diamantiert		
recta	curva	recta, diamantada	curva, diamantada		
droit	courbe	droit, diamanté	courbe, diamanté		
retto	curvo	retto, diamantato	curvo, diamantato		

with ratchet, extra delicate jaws
mit Sperre, sehr feines Maul
con cremallera, boca muy fina
avec crémaillère, mors très fine
con cremagliera, morso molto fino



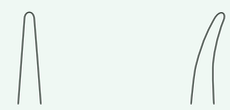
Dylex Hegar

13-311-15

15 cm - 6"
9 mm Ø

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





Luke

13-312-18	13-313-18
18.5 cm - 7 ¼” 0.8 mm x 0.8 mm	18.5 cm - 7 ¼” 0.8 mm x 0.8 mm

Titanium, with ratchet
Titan, mit Sperre
Titano, con cremallera
Titane, avec crémaillère
Titanio, con cremagliera







Luke Modified

13-314-18	13-315-18
18 cm - 7” 0.3 mm x 0.4 mm	18 cm - 7” 0.3 mm x 0.4 mm

Titanium, with ratchet
Titan, mit Sperre
Titano, con cremallera
Titane, avec crémaillère
Titanio, con cremagliera









York

13-320-20	13-321-20
20 cm - 8”	20 cm - 8”
0.5 mm x 0.8 mm	0.5 mm x 0.8 mm

Titanium, with ratchet
Titan, mit Sperre
Titano, con cremallera
Titane, avec crémaillère
Titanio, con cremagliera









Zeff

13-316-20	13-317-20	13-318-20	13-319-20	20 cm - 8”
0.4 x 0.6 mm	0.4 x 0.6 mm	0.6 x 0.6 mm	0.6 x 0.6 mm	

Titanium, with ratchet
Titan, mit Sperre
Titano, con cremallera
Titane, avec crémaillère
Titanio, con cremagliera







Carlson

13-322-01	13-323-01	22.5 cm - 8¾"
13-322-02	13-323-02	22.5 cm - 8¾"

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

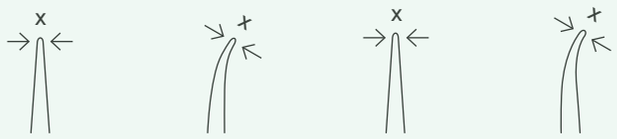
Titanium
Titan
Titano
Titane
Titanio

13-324-22	13-325-22	22.5 cm - 8¾"

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera

Titanium
Titan
Titano
Titane
Titanio





Yasargil

13-326-20	13-327-20	13-328-20	13-329-20	20 cm - 8”
13-326-22	13-327-22	13-328-22	13-329-22	22.5 cm - 8 ¾”
13-326-24	13-327-24	13-328-24	13-329-24	24 cm - 9 ½”
x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm	
straight gerade recta droit retto	curved gebogen curva courbe curvo	straight gerade recta droit retto	curved gebogen curva courbe curvo	

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-330-20	13-331-20	13-332-20	13-333-20	20 cm - 8”
13-330-22	13-331-22	13-332-22	13-333-22	22.5 cm - 8 ¾”
13-330-24	13-331-24	13-332-24	13-333-24	24 cm - 9 ½”
x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm	
straight gerade recta droit retto	curved gebogen curva courbe curvo	straight gerade recta droit retto	curved gebogen curva courbe curvo	

without ratchet, diamond coated
ohne Sperre, diamantiert
sin cremallera, diamantada
sans crémaillère, diamanté
senza cremagliera, diamantato





Jacobson

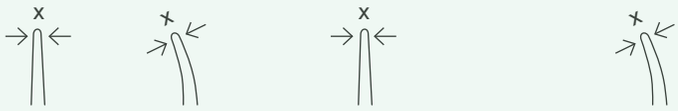
13-334-18	13-335-18	13-336-18	13-337-18	18 cm - 7”
straight gerade recta droit retto	curved gebogen curva courbe curvo	straight, diamond coated gerade, diamantiert recta, diamantada droit, diamanté retto, diamantato	curved, diamond coated gebogen, diamantiert curva, diamantada courbe, diamanté curvo, diamantato	

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-338-18	13-339-18	13-340-18	13-341-18	18 cm - 7”
straight gerade recta droit retto	curved gebogen curva courbe curvo	straight, diamond coated gerade, diamantiert recta, diamantada droit, diamanté retto, diamantato	curved, diamond coated gebogen, diamantiert curva, diamantada courbe, diamanté curvo, diamantato	

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera





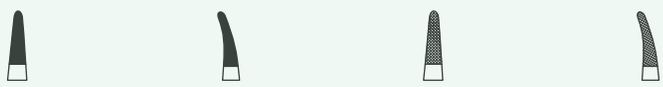
Range

13-342-23	13-343-23	13-344-23	13-345-23	23 cm - 9”	9 mmØ
x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm		
straight gerade recta droit retto	curved gebogen curva courbe curvo	straight, diamond coated gerade, diamantiert recta, diamantada droit, diamanté retto, diamantato	curved, diamond coated gebogen, diamantiert curva, diamantada courbe, diamanté curvo, diamantato		

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-346-23	13-347-23	13-348-23	13-349-23	23 cm - 9”	9 mmØ
x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm		
straight gerade recta droit retto	curved gebogen curva courbe curvo	straight, diamond coated gerade, diamantiert recta, diamantada droit, diamanté retto, diamantato	curved, diamond coated gebogen, diamantiert curva, diamantada courbe, diamanté curvo, diamantato		

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera

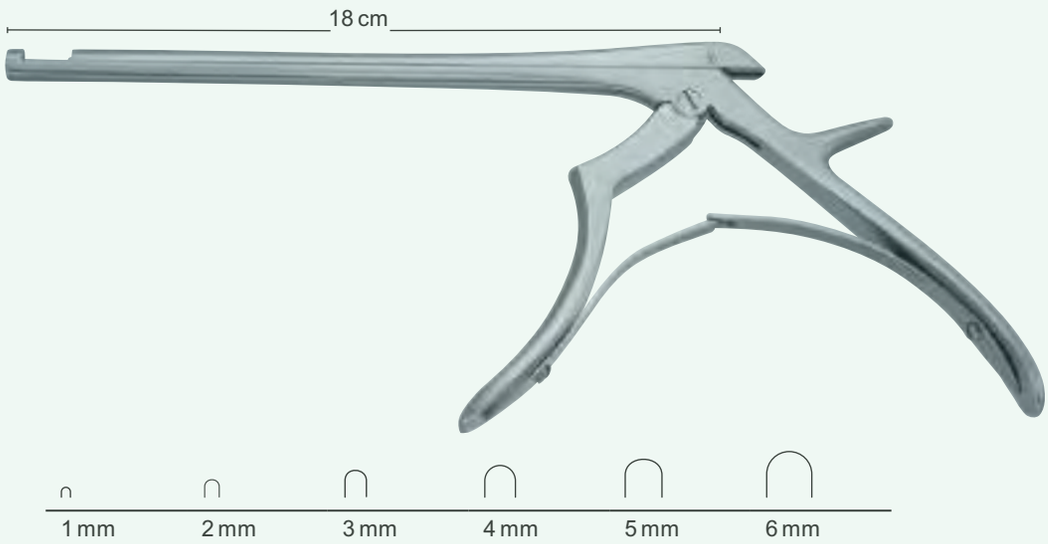


13-350-23	13-351-23	13-352-23	13-353-23	23 cm - 9”	9 mmØ
straight, smooth gerade, glatt recta, liso droit, lisse retto, liscio	curved, smooth gebogen, glatt curva, lisa courbe, lisse curvo, liscio	straight, serrated gerade, gerieft recta, estriada droit, strié retto, zigrinato	curved, serrated gebogen, gerieft curva, estriada courbe, strié curvo, zigrinato		

without ratchet
ohne Sperre
sin cremallera
sans crémaillère
senza cremagliera

13-354-23	13-355-23	13-356-23	13-357-23	23 cm - 9”	9 mmØ
straight, smooth gerade, glatt recta, liso droit, lisse retto, liscio	curved, smooth gebogen, glatt curva, lisa courbe, lisse curvo, liscio	straight, serrated gerade, gerieft recta, estriada droit, strié retto, zigrinato	curved, serrated gebogen, gerieft curva, estriada courbe, strié curvo, zigrinato		

with ratchet
mit Sperre
con cremallera
avec crémaillère
con cremagliera



Ferris- Smith-Kerrison



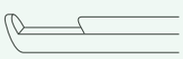
13-358-01	13-359-01	13-360-01	13-361-01	1 mm
13-358-02	13-359-02	13-360-02	13-361-02	2 mm
13-358-03	13-359-03	13-360-03	13-361-03	3 mm
13-358-04	13-359-04	13-360-04	13-361-04	4 mm
13-358-05	13-359-05	13-360-05	13-361-05	5 mm
13-358-06	13-359-06	13-360-06	13-361-06	6 mm



13-362-07	13-363-07	13-364-07	13-365-07	1 mm
13-362-08	13-363-08	13-364-08	13-365-08	2 mm
13-362-09	13-363-09	13-364-09	13-365-09	3 mm
13-362-10	13-363-10	13-364-10	13-365-10	4 mm
13-362-11	13-363-11	13-364-11	13-365-11	5 mm
13-362-12	13-363-12	13-364-12	13-365-12	6 mm



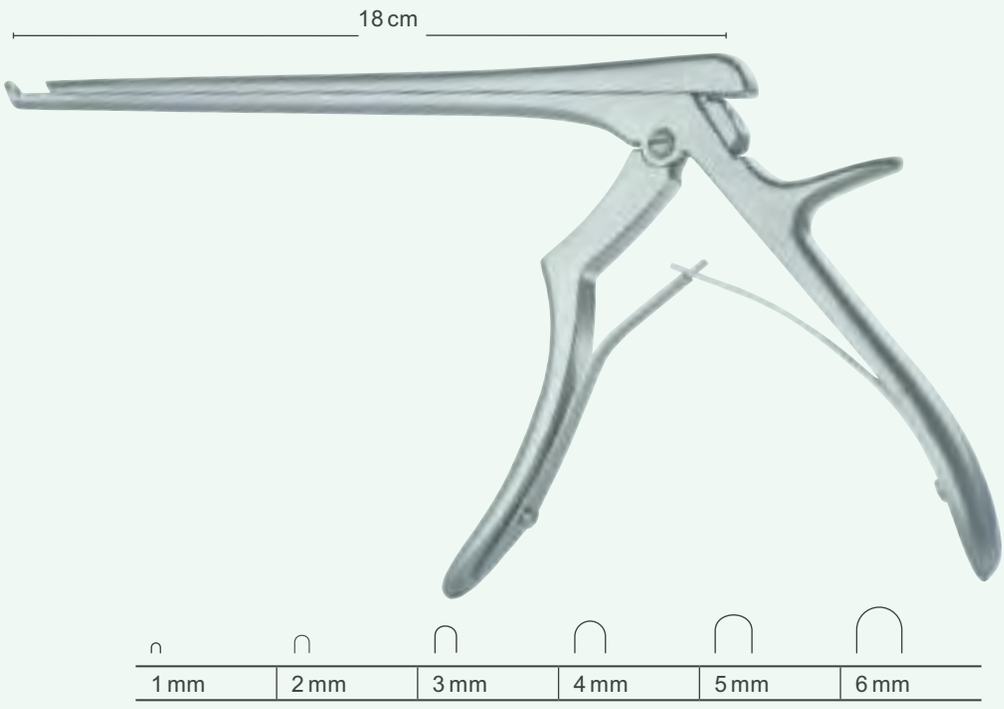
13-366-13	13-367-13	13-368-13	13-369-13	1 mm
13-366-14	13-367-14	13-368-14	13-369-14	2 mm
13-366-15	13-367-15	13-368-15	13-369-15	3 mm
13-366-16	13-367-16	13-368-16	13-369-16	4 mm
13-366-17	13-367-17	13-368-17	13-369-17	5 mm
13-366-18	13-367-18	13-368-18	13-369-19	6 mm



20 cm Thin footplate

13-369-20	13-370-19	13-371-11	13-371-01	1 mm
13-369-21	13-370-20	13-371-22	13-371-02	2 mm
13-369-22	13-370-21	13-371-33	13-371-03	3 mm
13-369-23	13-370-22	13-371-44	13-371-04	4 mm
13-369-24	13-370-23	13-371-55	13-371-05	5 mm
13-369-25	13-370-24	13-371-66	13-371-06	6 mm
x = 15 cm - 6”	x = 18 cm - 7”	x = 20 cm - 8”	x = 23 cm - 9”	

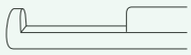
add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector



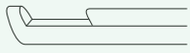
Ferris- Smith-Kerrison (Detachable)



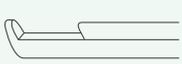
13-372-01	13-372-07	13-373-01	1 mm
13-372-02	13-372-08	13-373-02	2 mm
13-372-03	13-372-09	13-373-03	3 mm
13-372-04	13-372-10	13-373-04	4 mm
13-372-05	13-372-11	13-373-05	5 mm
13-372-06	13-372-12	13-373-06	6 mm



13-374-01	13-374-07	13-375-01	1 mm
13-374-02	13-374-08	13-375-02	2 mm
13-374-03	13-374-09	13-375-03	3 mm
13-374-04	13-374-10	13-375-04	4 mm
13-374-05	13-374-11	13-375-05	5 mm
13-374-06	13-374-12	13-375-06	6 mm



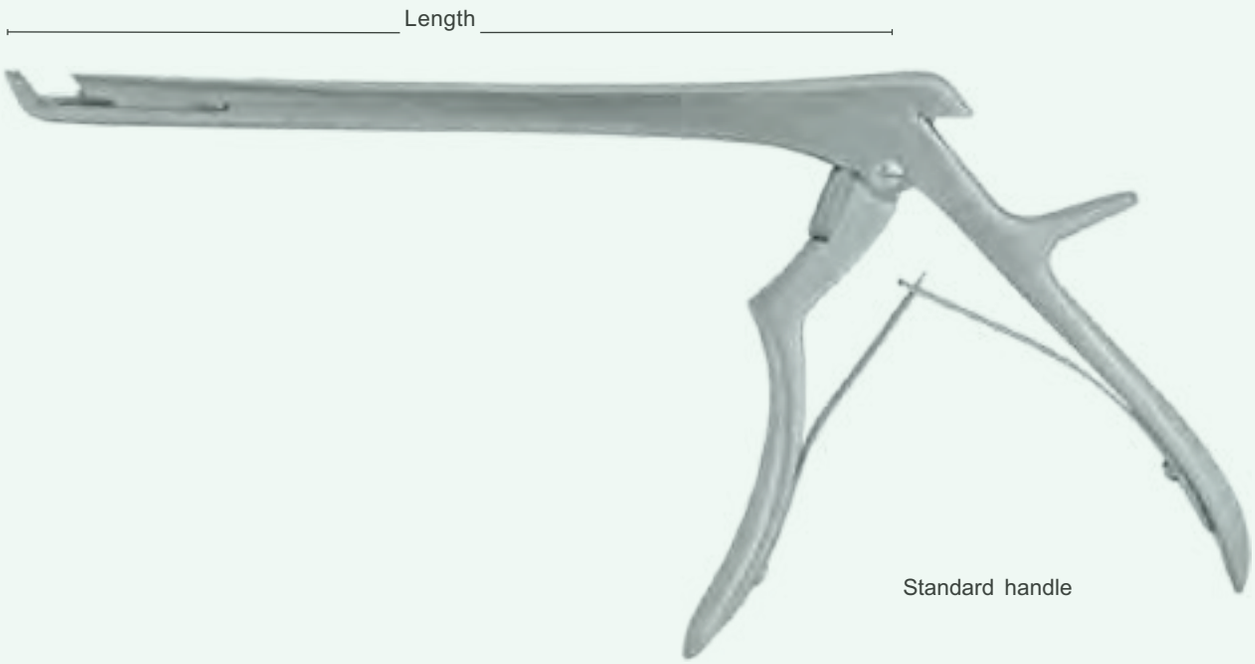
13-376-01	13-376-13	13-377-01	1 mm
13-376-02	13-376-14	13-377-02	2 mm
13-376-03	13-376-15	13-377-03	3 mm
13-376-04	13-376-16	13-377-04	4 mm
13-376-05	13-376-17	13-377-05	5 mm
13-376-06	13-376-18	13-377-06	6 mm

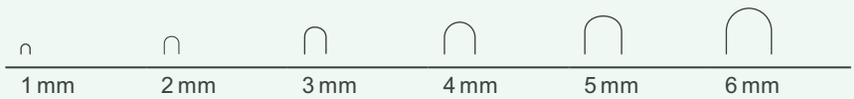


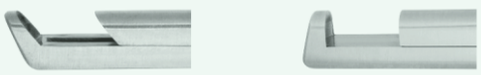
13-376-07	13-376-19	13-377-11	1 mm
13-376-08	13-376-20	13-377-12	2 mm
13-376-09	13-376-21	13-377-07	3 mm
13-376-10	13-376-22	13-377-08	4 mm
13-376-11	13-376-23	13-377-09	5 mm
13-376-12	13-376-24	13-377-10	6 mm
x = 18 cm - 7”	x = 20 cm - 8”	x = 23 cm - 9”	

Thin footplate
Dünne Fußplatte
Lámina de punzonar estrecha
Plaque de coupe étroite
Battente sottile

add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector



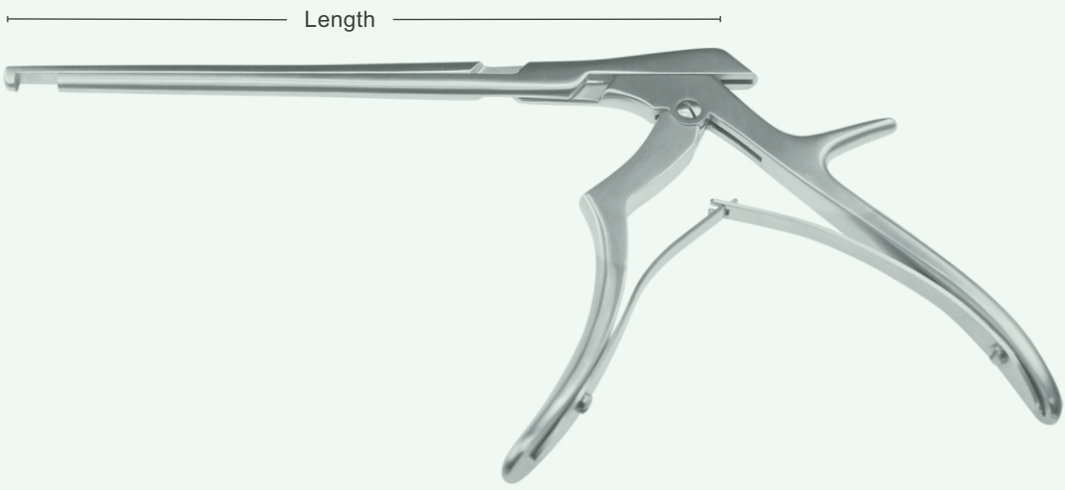




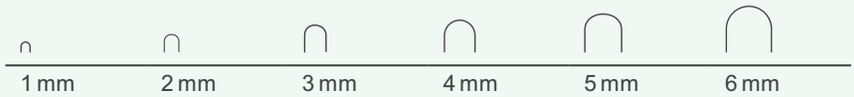
Ferris- Smith-Kerrison

Fig. 1	Fig. 2		Length
13-677-01	13-679-01	1 mm	18 cm / 7”
13-678-01	13-680-01	1 mm	23 cm / 9”
13-677-02	13-679-02	2 mm	18 cm / 7”
13-678-02	13-680-02	2 mm	23 cm / 9”
13-677-03	13-679-03	3 mm	18 cm / 7”
13-678-03	13-680-03	3 mm	23 cm / 9”
13-677-04	13-679-04	4 mm	18 cm / 7”
13-678-04	13-680-04	4 mm	23 cm / 9”
13-677-05	13-679-05	5 mm	18 cm / 7”
13-678-05	13-680-05	5 mm	23 cm / 9”
13-677-06	13-679-06	6 mm	18 cm / 7”
13-678-06	13-680-06	6 mm	23 cm / 9”
Upwards cutting 40°	Upwards cutting 90°		

add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector



Standard handle

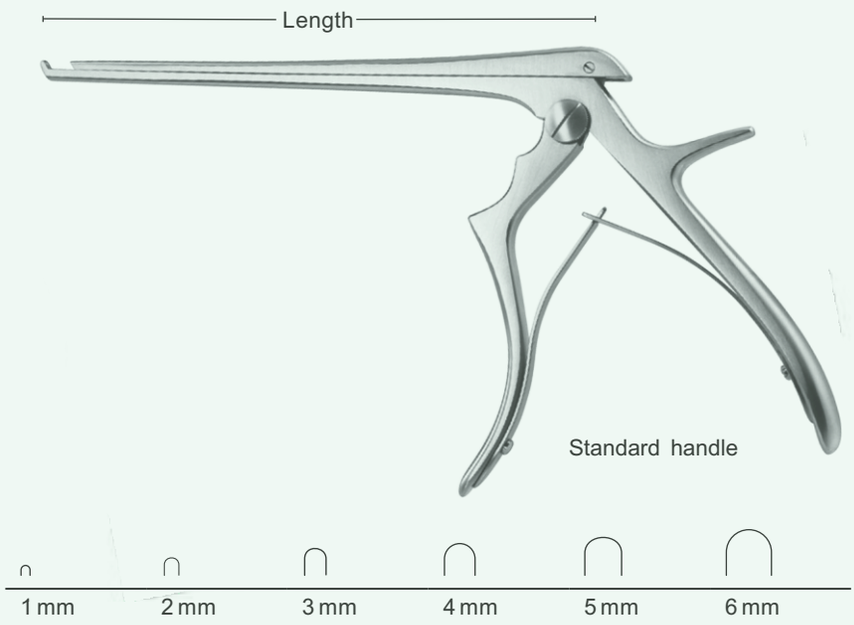




Love - Kerrison

Fig. 1	Fig. 2	Fig. 3		Length
13-681-01	13-683-01	13-685-01	1 mm	18 cm / 7”
13-681-02	13-683-02	13-685-02	2 mm	18 cm / 7”
13-681-03	13-683-03	13-685-02	3 mm	18 cm / 7”
13-681-04	13-683-04	13-685-04	4 mm	18 cm / 7”
13-681-05	13-683-05	13-685-05	5 mm	18 cm / 7”
13-681-06	13-683-06	13-685-06	6 mm	18 cm / 7”
13-682-01	13-684-01	13-686-01	1 mm	20 cm / 8”
13-682-02	13-684-02	13-686-02	2 mm	20 cm / 8”
13-682-03	13-684-03	13-686-03	3 mm	20 cm / 8”
13-682-04	13-684-04	13-686-04	4 mm	20 cm / 8”
13-682-05	13-684-05	13-686-05	5 mm	20 cm / 8”
13-682-06	13-684-06	13-686-06	6 mm	20 cm / 8”
Upwards cutting 90°	Upwards cutting 40°	Upwards cutting 90°		

add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector





Kerrison

Fig. 1	Fig. 2	Fig. 3	Fig. 4		Length
13-723-02	13-727-02	13-731-02	13-002-02	2 mm	15 cm / 6”
13-723-03	13-727-03	13-731-03	13-002-03	3 mm	15 cm / 6”
13-723-04	13-727-04	13-731-04	13-002-04	4 mm	15 cm / 6”
13-723-05	13-727-05	13-731-05	13-002-05	5 mm	15 cm / 6”
13-724-01	13-728-01	13-732-01	13-734-01	1 mm	18 cm / 7”
13-724-02	13-728-02	13-732-02	13-734-02	2 mm	18 cm / 7”
13-724-03	13-728-03	13-732-03	13-734-03	3 mm	18 cm / 7”
13-724-04	13-728-04	13-732-04	13-734-04	4 mm	18 cm / 7”
13-724-05	13-728-05	13-732-05	13-734-05	5 mm	18 cm / 7”
13-725-02	13-729-02	13-733-02	13-003-02	2 mm	20 cm / 8”
13-725-03	13-729-03	13-733-03	13-003-03	3 mm	20 cm / 8”
13-725-04	13-729-04	13-733-04	13-003-04	4 mm	20 cm / 8”
13-725-05	13-729-05	13-733-05	13-003-05	5 mm	20 cm / 8”
13-726-02	13-730-02	13-001-02	13-004-02	2 mm	23 cm / 9”
13-726-03	13-730-03	13-001-03	13-004-03	3 mm	23 cm / 9”
13-726-04	13-730-04	13-001-04	13-004-04	4 mm	23 cm / 9”
13-726-05	13-730-05	13-001-05	13-004-05	5 mm	23 cm / 9”
Upwards cutting 90°	Upwards cutting 40°	Downwards cutting 90°	Downwards cutting 40°		
Thin footplate	Thin footplate	Thin footplate	Thin footplate		

add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector

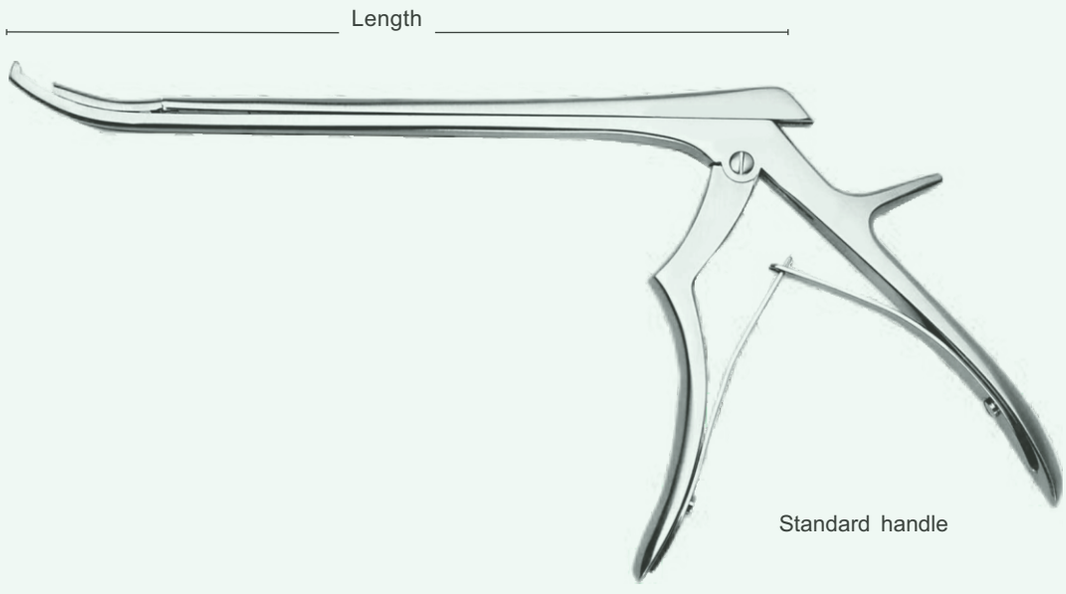
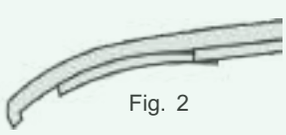


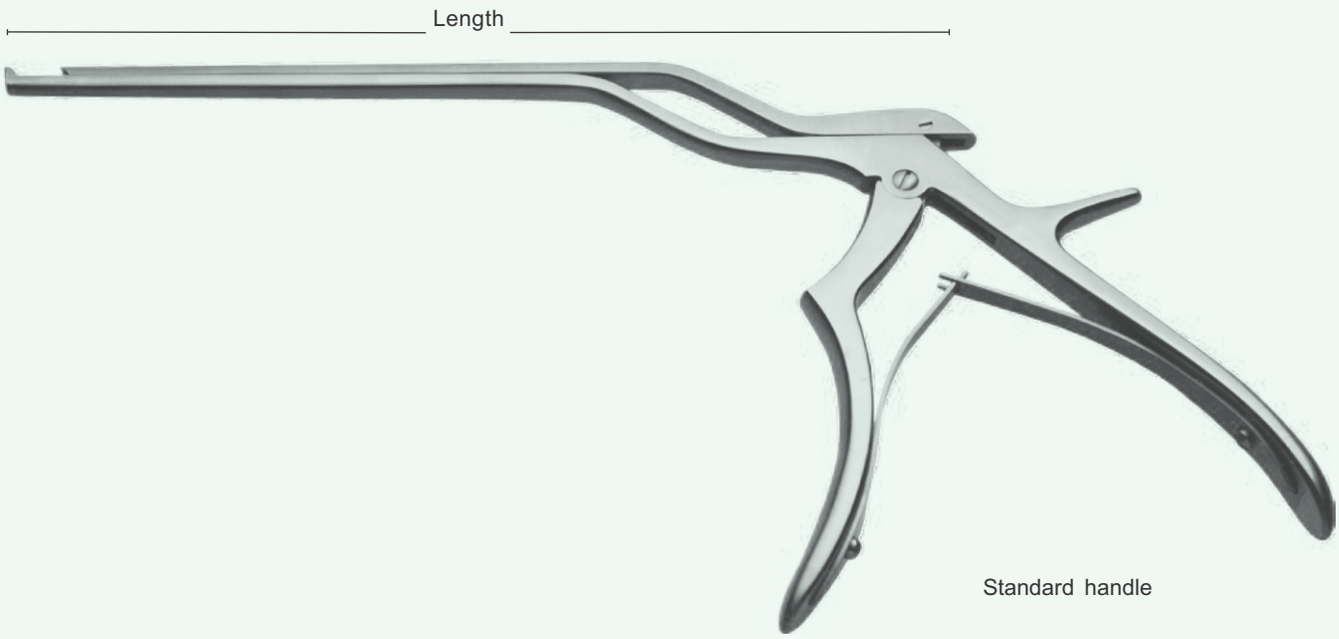

Fig. 1


Fig. 2

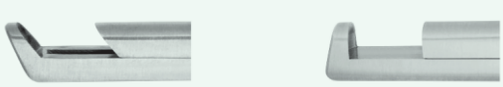
Kerrison Fig. 1	Fig. 2		Length
13-735-01	13-738-01	1 mm	18 cm / 7”
13-736-01	13-739-01	1 mm	20 cm / 8”
13-737-01	13-740-01	1 mm	23 cm / 9”
13-735-02	13-738-02	2 mm	18 cm / 7”
13-736-02	13-739-02	2 mm	20 cm / 8”
13-737-02	13-740-02	2 mm	23 cm / 9”
13-735-03	13-738-03	3 mm	18 cm / 7”
13-736-03	13-739-03	3 mm	20 cm / 8”
13-737-03	13-740-03	3 mm	23 cm / 9”
13-735-04	13-738-04	4 mm	18 cm / 7”
13-736-04	13-739-04	4 mm	20 cm / 8”
13-737-04	13-740-04	4 mm	23 cm / 9”
13-735-05	13-738-05	5 mm	18 cm / 7”
13-736-05	13-739-05	5 mm	20 cm / 8”
13-737-05	13-740-05	5 mm	23 cm / 9”
13-735-06	13-738-06	6 mm	18 cm / 7”
13-736-06	13-739-06	6 mm	20 cm / 8”
13-737-06	13-740-06	6 mm	23 cm / 9”
Upwards cutting 40°	Downwards cutting 40°		

Kerrison Fig. 1	Fig. 2		Length
13-741-01	13-744-01	1 mm	18 cm / 7”
13-742-01	13-745-01	1 mm	20 cm / 8”
13-743-01	13-746-01	1 mm	23 cm / 9”
13-741-02	13-744-02	2 mm	18 cm / 7”
13-742-02	13-745-02	2 mm	20 cm / 8”
13-743-02	13-746-02	2 mm	23 cm / 9”
13-741-03	13-744-03	3 mm	18 cm / 7”
13-742-03	13-745-03	3 mm	20 cm / 8”
13-743-03	13-746-03	3 mm	23 cm / 9”
13-741-04	13-744-04	4 mm	18 cm / 7”
13-742-04	13-745-04	4 mm	20 cm / 8”
13-743-04	13-746-04	4 mm	23 cm / 9”
13-741-05	13-744-05	5 mm	18 cm / 7”
13-742-05	13-745-05	5 mm	20 cm / 8”
13-743-05	13-746-05	5 mm	23 cm / 9”
13-741-06	13-744-06	6 mm	18 cm / 7”
13-742-06	13-745-06	6 mm	20 cm / 8”
13-743-06	13-746-06	6 mm	23 cm / 9”
Upwards cutting 40° Bayonet	Downwards cutting 40° Bayonet		

i add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector







Kerrison

Fig. 1	Fig. 2		Length
13-747-01	13-750-01	1 mm	11 cm / 4¼"
13-748-01	13-751-01	1 mm	15 cm / 6"
13-749-01	13-752-01	1 mm	18 cm / 7"
13-747-02	13-750-02	2 mm	11 cm / 4¼"
13-748-02	13-751-02	2 mm	15 cm / 6"
13-749-02	13-752-02	2 mm	18 cm / 7"
13-747-03	13-750-03	3 mm	11 cm / 4¼"
13-748-03	13-751-03	3 mm	15 cm / 6"
13-749-03	13-752-03	3 mm	18 cm / 7"
13-747-04	13-750-04	4 mm	11 cm / 4¼"
13-748-04	13-751-04	4 mm	15 cm / 6"
13-749-04	13-752-04	4 mm	18 cm / 7"
13-747-05	13-750-05	5 mm	11 cm / 4¼"
13-748-05	13-751-05	5 mm	15 cm / 6"
13-749-05	13-752-05	5 mm	18 cm / 7"
13-747-06	13-750-06	6 mm	11 cm / 4¼"
13-748-06	13-751-06	6 mm	15 cm / 6"
13-749-06	13-752-06	6 mm	18 cm / 7"
Upwards cutting 40°	Upwards cutting 90°		

i add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector

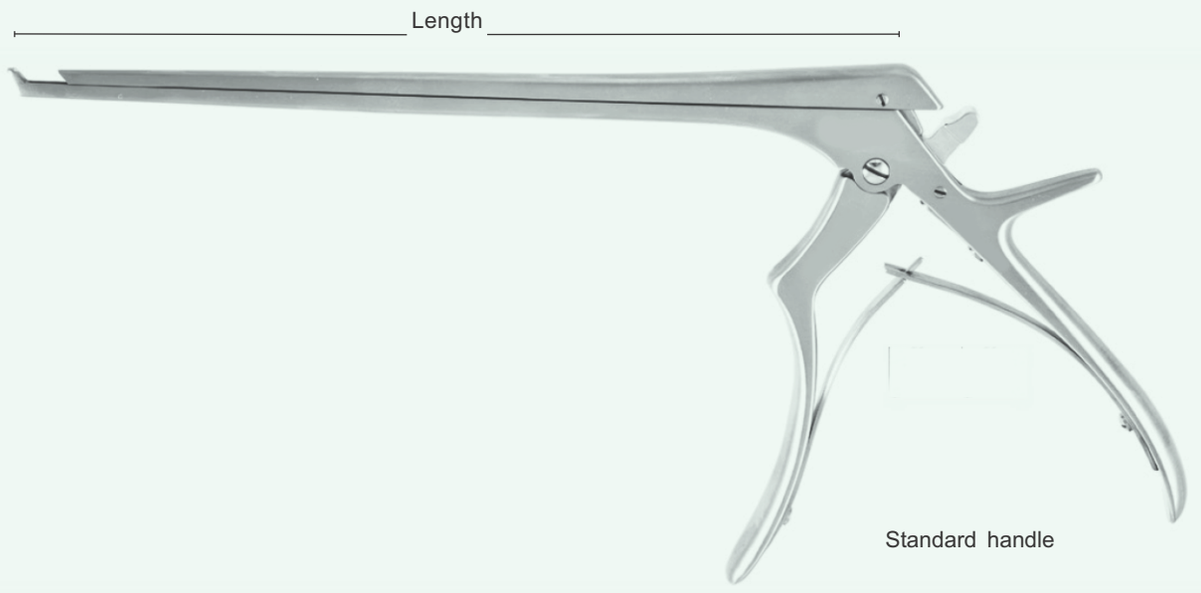





Kerrison

Fig. 1	Fig. 2	Fig. 3	Fig. 4		Length
13-753-01	13-756-01	13-759-01	13-762-01	1 mm	11 cm / 4¼"
13-754-01	13-757-01	13-760-01	13-763-01	1 mm	15 cm / 6"
13-755-01	13-758-01	13-761-01	13-764-01	1 mm	18 cm / 7"
13-753-02	13-756-02	13-759-02	13-762-02	2 mm	11 cm / 4¼"
13-754-02	13-757-02	13-760-02	13-763-02	2 mm	15 cm / 6"
13-755-02	13-758-02	13-761-02	13-764-02	2 mm	18 cm / 7"
13-753-03	13-756-03	13-759-03	13-762-03	3 mm	11 cm / 4¼"
13-754-03	13-757-03	13-760-03	13-763-03	3 mm	15 cm / 6"
13-755-03	13-758-03	13-761-03	13-764-03	3 mm	18 cm / 7"
13-753-04	13-756-04	13-759-04	13-762-04	4 mm	11 cm / 4¼"
13-754-04	13-757-04	13-760-04	13-763-04	4 mm	15 cm / 6"
13-755-04	13-758-04	13-761-04	13-764-04	4 mm	18 cm / 7"
13-753-05	13-756-05	13-759-05	13-762-05	5 mm	11 cm / 4¼"
13-754-05	13-757-05	13-760-05	13-763-05	5 mm	15 cm / 6"
13-755-05	13-758-05	13-761-05	13-764-05	5 mm	18 cm / 7"
13-753-06	13-756-06	13-759-06	13-762-06	6 mm	11 cm / 4¼"
13-754-06	13-757-06	13-760-06	13-763-06	6 mm	15 cm / 6"
13-755-06	13-758-06	13-761-06	13-764-06	6 mm	18 cm / 7"
Upwards cutting 40°	Upwards cutting 90°	Upwards cutting 40°	Upwards cutting 90°		
Bayonet left	Bayonet left	Bayonet right	Bayonet right		

i add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector



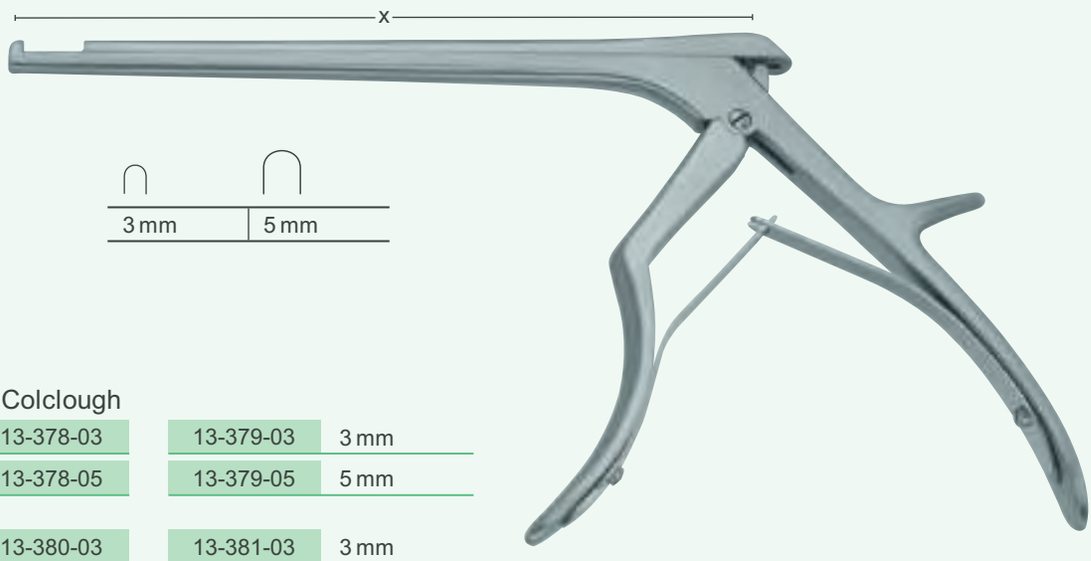




Kerrison Detachable

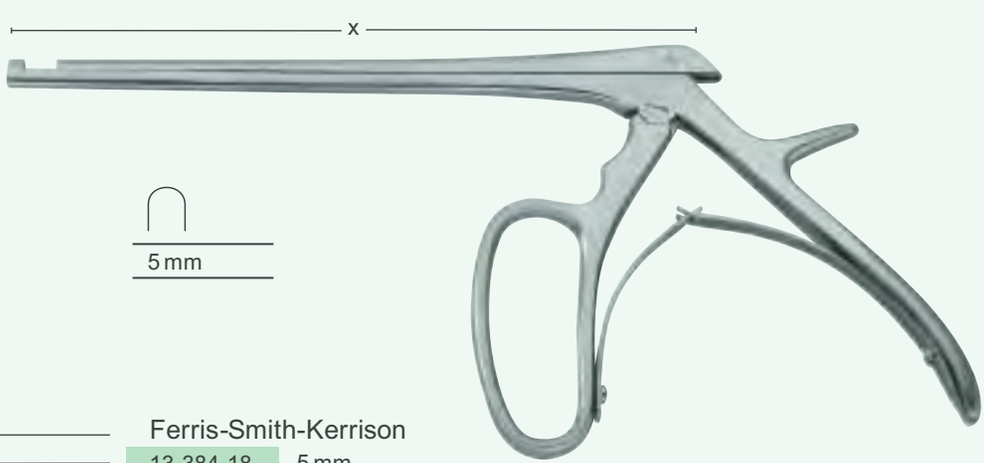
Fig. 1	Fig. 2		Length
13-765-01	13-667-01	1 mm	18 cm / 7”
13-766-01	13-668-01	1 mm	23 cm / 9”
13-765-02	13-667-02	2 mm	18 cm / 7”
13-766-02	13-668-02	2 mm	23 cm / 9”
13-765-03	13-667-03	3 mm	18 cm / 7”
13-766-03	13-668-03	3 mm	23 cm / 9”
13-765-04	13-667-04	4 mm	18 cm / 7”
13-766-04	13-668-04	4 mm	23 cm / 9”
13-765-05	13-667-05	5 mm	18 cm / 7”
13-766-05	13-668-05	5 mm	23 cm / 9”
13-765-06	13-667-06	6 mm	18 cm / 7”
13-766-06	13-668-06	6 mm	23 cm / 9”
Upwards cutting 40°	Upwards cutting 90°		

add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector

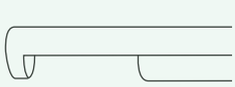
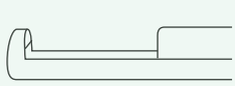


Colclough

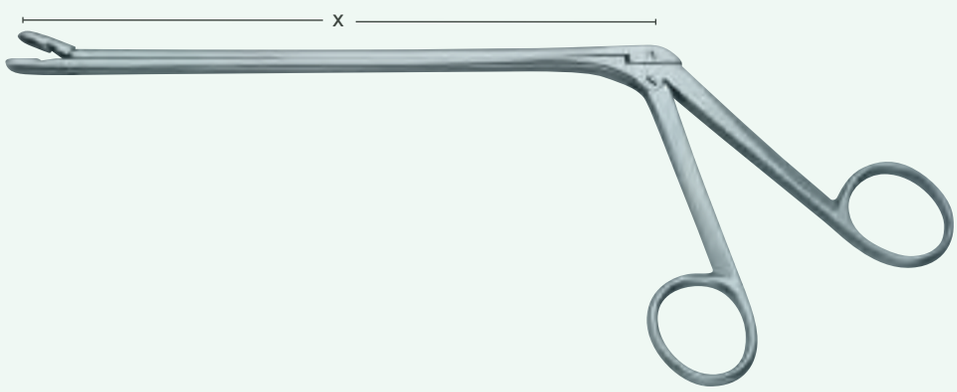
	13-378-03	13-379-03	3 mm
	13-378-05	13-379-05	5 mm
	13-380-03	13-381-03	3 mm
	13-380-05	13-381-05	5 mm
	13-382-03	13-383-03	3 mm
	13-382-05	13-383-05	5 mm
	x = 15 cm - 6”	x = 20 cm - 8”	

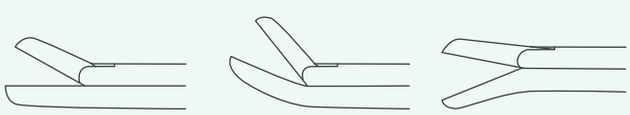


Ferris-Smith-Kerrison

	13-384-18	5 mm
	13-385-18	5 mm
	x = 18 cm - 7”	

add "B" with catalogue part number if required in black TiN coating
add "E" with catalogue part number if required with ejector





Cushing

13-386-13	13-387-13	13-388-13 x = 13 cm - 5”
13-386-18	13-387-18	13-388-18 x = 18 cm - 7”
13-386-22	13-387-22	13-388-22 x = 22 cm - 8 ¾”
2 mm x 10 mm	2 mm x 10 mm	2 mm x 10 mm



Love-Gruenwald

13-389-13	13-390-13	13-391-13 x = 13 cm - 5”
13-389-18	13-390-18	13-391-18 x = 18 cm - 7”
13-389-22	13-390-22	13-391-22 x = 22 cm - 8 ¾”
3 mmx10 mm	3 mmx10 mm	3 mmx10 mm



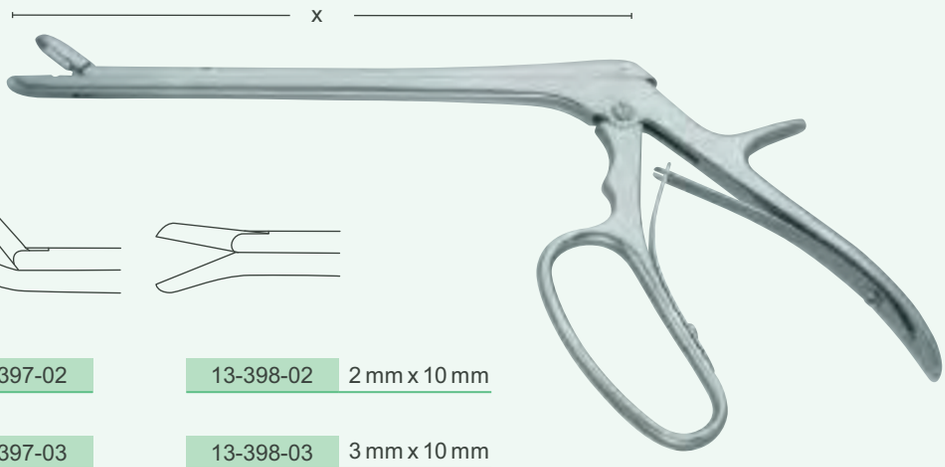
Spurling

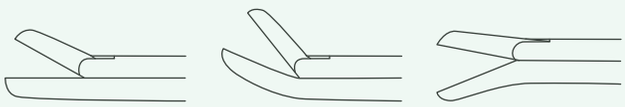
13-392-13	13-393-13	13-394-13 x = 13 cm - 5”
13-392-18	13-393-18	13-394-18 x = 18 cm - 7”
13-392-22	13-393-22	13-394-22 x = 22 cm - 8 ¾”
4 mm x 10 mm	4 mm x 10 mm	4 mm x 10 mm



Cloward

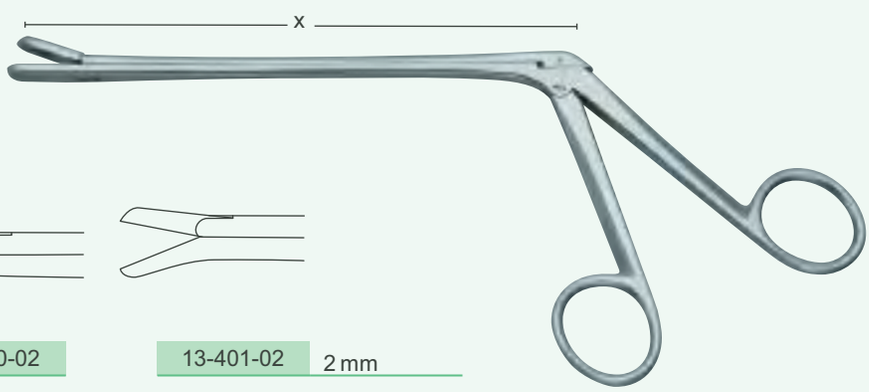
13-395-18	x = 18 cm - 7”
6 mm x 10 mm	

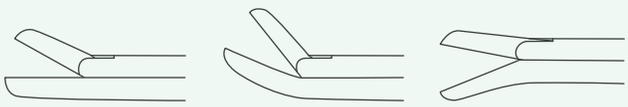




Ferris-Smith

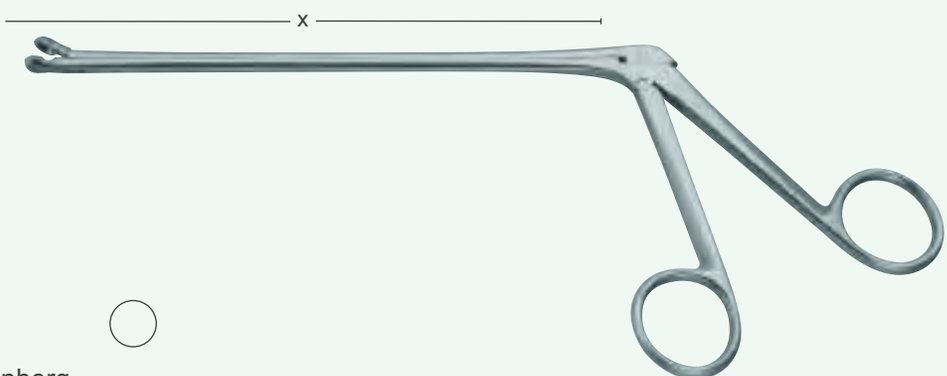
13-396-02	13-397-02	13-398-02	2 mm x 10 mm
13-396-03	13-397-03	13-398-03	3 mm x 10 mm
13-396-04	13-397-04	13-398-04	4 mm x 10 mm
13-396-06	13-397-06	13-398-06	6 mm x 10 mm
x = 18 cm - 7”	x = 18 cm - 7”	x = 18 cm - 7”	





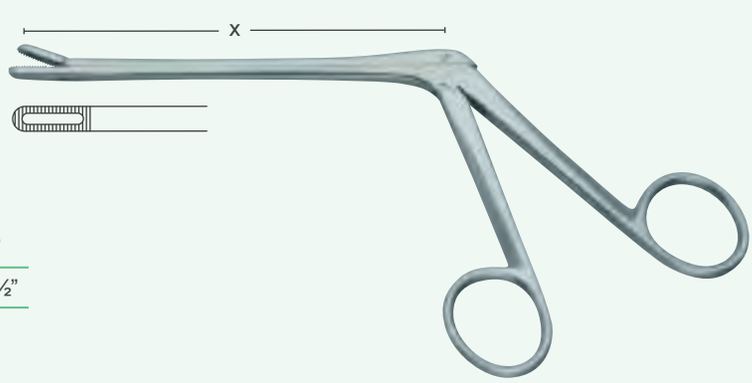
Caspar

13-399-02	13-400-02	13-401-02	2 mm
13-399-03	13-400-03	13-401-03	3 mm
13-399-04	13-400-04	13-401-04	4 mm
13-399-05	13-400-05	13-401-05	5 mm
x = 15.5 cm - 6”	x = 15.5 cm - 6”	x = 15.5 cm - 6”	



Oldenberg

13-402-17	13-403-17	17 cm - 6 ¾"
3.5 mm Ø	6.0 mm Ø	
x = 180 mm - 7"	x = 180 mm - 7"	

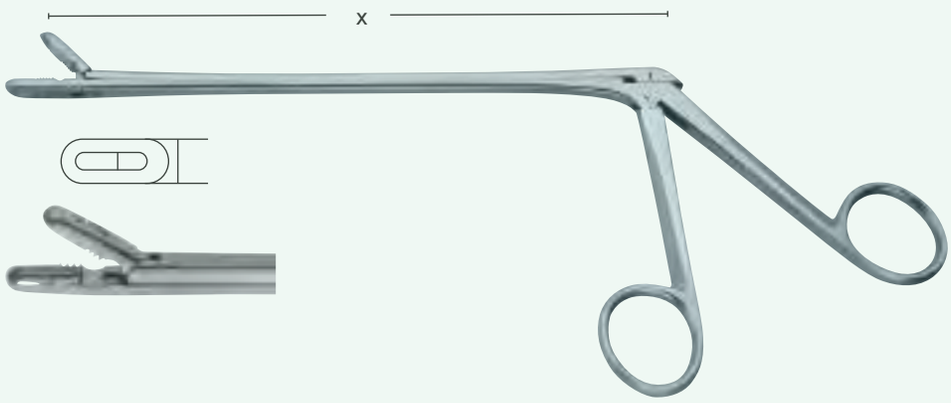


Schlesinger

13-404-19	19 cm - 7 ½"
13-404-21	21.5 cm - 8 ½"

3 mm x 10 mm
x = 125 mm - 5"

saw edge
gezahnt
dentada
dentelé
dentata





Caspar

13-405-02	13-406-02	13-407-02	2 mm x 12 mm
13-405-03	13-406-03	13-407-03	3 mm x 12 mm
13-405-04	13-406-04	13-407-04	4 mm x 14 mm
13-405-05	13-406-05	13-407-05	5 mm x 14 mm
13-405-06	13-406-06	13-407-06	6 mm x 16 mm
x = 14 cm - 5 ½”	x = 16 cm - 6 ¼”	x = 18.5 cm - 7 ¼”	



13-408-02	13-409-02	13-410-02	2 mm x 12 mm
13-408-04	13-409-04	13-410-04	4 mm x 14 mm
13-408-05	13-409-05	13-410-05	5 mm x 14 mm
13-408-06	13-409-06	13-410-06	6 mm x 16 mm
x = 14 cm - 5 ½”	x = 16 cm - 6 ¼”	x = 18.5 cm - 7 ¼”	



13-411-05	13-412-05	13-413-05	5 mm x 14 mm
13-411-06	13-412-06	13-413-06	6 mm x 16 mm
x = 14 cm - 5 ½”	x = 16 cm - 6 ¼”	x = 18.5 cm - 7 ¼”	

Jaw fenestrated and serrated

Maul gefenstert und gezahnt
Boca con orificio y dentada

Mors fenétré et dentelé
Morso finestrato e dentellato



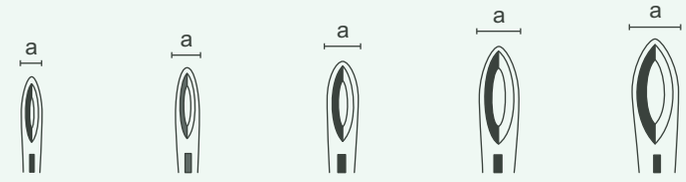


Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5

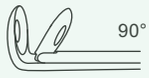
Weil-
Blakesley



18-288-12	18-289-12	18-290-12	18-291-12	18-292-12	x = 12 cm - 4 ¾"
a = 3.0mm	a = 3.5mm	a = 4.5mm	a = 5.0mm	a = 5.5mm	



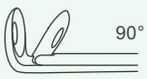
18-293-00	18-294-00	18-295-00	18-296-00
a = 3.0mm	a = 3.5mm	a = 4.5mm	a = 5.0mm



18-297-00	18-298-00	18-299-00
a = 3.0mm	a = 3.5mm	a = 4.5mm



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
18-300-18	18-301-18	18-302-18	18-303-18	18-304-18	x = 18 cm - 7"
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm	



18-305-18	18-306-18	18-307-18	18-308-18	x = 18 cm - 7"
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	





Cloward

08-160-16	Retractor only	16 cm - 6 ¼"
08-160-00	Complete set consisting of:	
	1 Retractor	
	1 pair of blades 08-164-01 to 08-164-05	

08-161-25	Retractor only	25 cm - 9 ¾"
08-161-00	Complete set consisting of:	
	1 Retractor	
	1 pair of blades 08-164-01 to 08-164-05	



08-164-01	Fig.1	x = 60 mm
08-164-02	Fig.2	x = 55 mm
08-164-03	Fig.3	x = 50 mm
08-164-04	Fig.4	x = 45 mm
08-164-05	Fig.5	x = 40 mm

Non toothed
Nicht gezahnt
No dentada
Non denté
Non dentato

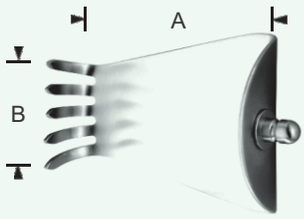


08-165-01	Fig.1	x = 60 mm
08-165-02	Fig.2	x = 55 mm
08-165-03	Fig.3	x = 50 mm
08-165-04	Fig.4	x = 45 mm
08-165-05	Fig.5	x = 40 mm

Toothed
Gezahnt
Dentada
Dentelée
Dentata



Cloward - Hoen	
13-867-25	Retractor only 25 cm - 10”
13-867-00	Complete set consisting of:
13-867-25	1 Retractor
	1 pair of blades 13-858-50 to 13-868-64



Cloward - Hoen	A B
13-868-50	50x31mm
13-868-64	64x31mm



Caspar
Fig. 1

13-878-01	Retractor only
13-878-00	Complete set consisting of:
13-878-01	1 Retractor
	1 pair of blades 13-888-45 to 13-888-65



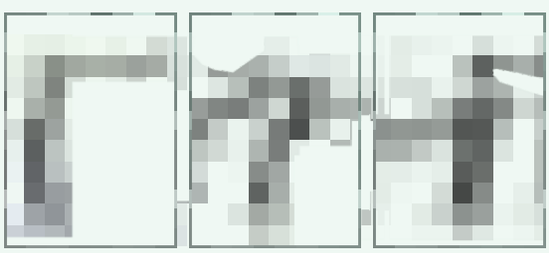
Caspar
Fig. 2

13-879-01	Retractor only
13-879-00	Complete set consisting of:
13-879-01	1 Retractor
	1 pair of blades 13-888-45 to 13-888-65



Caspar
Fig. 3

13-880-03	Retractor only
13-880-00	Complete set consisting of:
13-880-03	1 Retractor
	1 pair of blades 13-884-40 to 13-884-60
	1 pair of blades 13-885-40 to 13-885-60





Blade Opener

13-881-11

11.5 cm - 4 ½”
Forceps for changing the blades



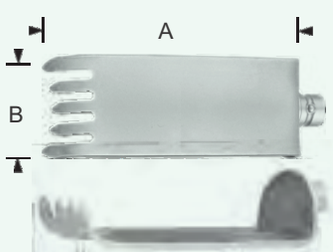
Blade Inserter

13-882-20

20 cm - 8”
Ferrozell handle

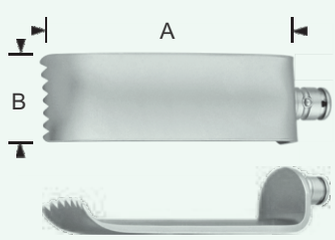
13-883-20

20 cm - 8”
Propylux handle



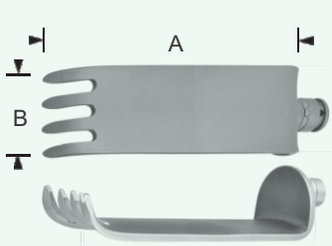
5 Prongs Blade	A B
13-884-40	40 x 23 mm
13-884-45	45 x 23 mm
13-884-50	50 x 23 mm
13-884-55	55 x 23 mm
13-884-60	60 x 23 mm
13-884-65	65 x 23 mm
13-884-75	75 x 23 mm

Medial

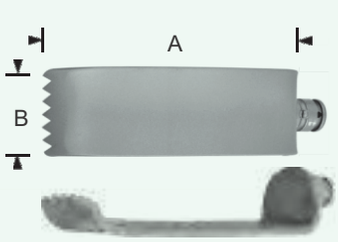


Toothed Blade	A B
13-885-40	40 x 23 mm
13-885-45	45 x 23 mm
13-885-50	50 x 23 mm
13-885-55	55 x 23 mm
13-885-60	60 x 23 mm
13-885-65	65 x 23 mm
13-885-75	75 x 23 mm

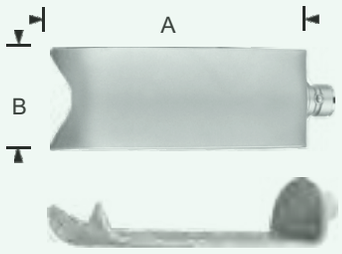
Lateral



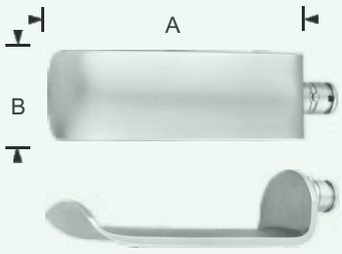
4 Prongs Blade	A B
13-886-40	40 x 23 mm
13-886-45	45 x 23 mm
13-886-50	50 x 23 mm
13-886-55	55 x 23 mm
13-886-60	60 x 23 mm
13-886-65	65 x 23 mm



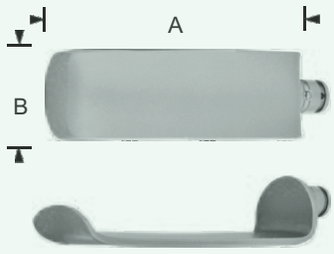
Toothed Blade	A B
13-887-40	40 x 23 mm
13-887-45	45 x 23 mm
13-887-50	50 x 23 mm
13-887-55	55 x 23 mm
13-887-60	60 x 23 mm
13-887-65	65 x 23 mm



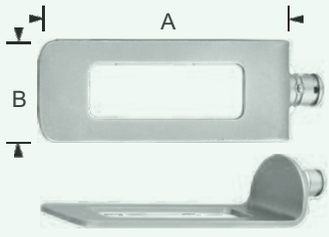
Concave Blade	A B
13-888-40	40 x 23 mm
13-888-45	45 x 23 mm
13-888-50	50 x 23 mm
13-888-55	55 x 23 mm
13-888-60	60 x 23 mm
13-888-65	65 x 23 mm
13-888-70	70 x 23 mm
13-888-75	75 x 23 mm



Blunt Blade	A B
13-889-40	40 x 23 mm
13-889-45	45 x 23 mm
13-889-50	50 x 23 mm
13-889-55	55 x 23 mm
13-889-60	60 x 23 mm
13-889-65	65 x 23 mm

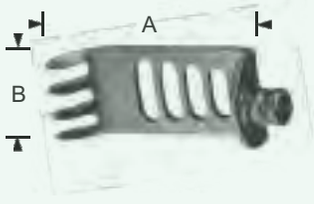


Blunt Blade	A B
13-890-30	30 x 20 mm
13-890-35	35 x 20 mm
13-890-40	40 x 20 mm
13-890-45	45 x 20 mm
13-890-50	50 x 20 mm
13-890-55	55 x 20 mm
13-890-60	60 x 20 mm
13-890-65	65 x 20 mm
13-890-70	70 x 20 mm
13-890-75	75 x 20 mm



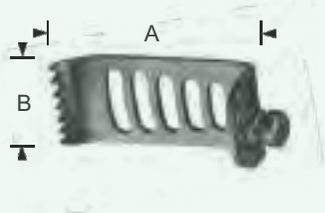
Blunt Blade	A B
13-891-50	50 x 25 mm
13-891-60	60 x 25 mm

Blades for harvesting of the fusion graft from the iliac crest, blunt



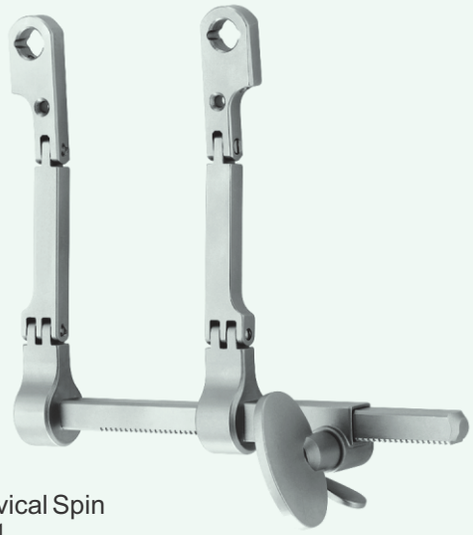
Fenestrated Blade Fig. 1	A B
13-892-25	25 x 20 mm
13-892-30	30 x 20 mm
13-892-35	35 x 20 mm
13-892-40	40 x 20 mm
13-892-45	45 x 20 mm
13-892-50	50 x 20 mm
13-892-55	55 x 20 mm
13-892-60	60 x 20 mm
13-892-65	65 x 20 mm
13-892-70	70 x 20 mm

Medial



Fenestrated Blade Fig. 2	A B
13-893-25	25 x 20 mm
13-893-30	30 x 20 mm
13-893-35	35 x 20 mm
13-893-40	40 x 20 mm
13-893-45	45 x 20 mm
13-893-50	50 x 20 mm
13-893-55	55 x 20 mm
13-893-60	60 x 20 mm
13-893-65	65 x 20 mm
13-893-70	70 x 20 mm

Lateral



Cervical Spin
Fig. 1

13-894-13	Retractor only 13.5 cm - 5 ¼"
13-894-00	Complete set consisting of:
13-894-13	1 Retractor
	1 pair of blades 13-884-40 to 13-884-60
	1 pair of blades 13-885-40 to 13-885-60

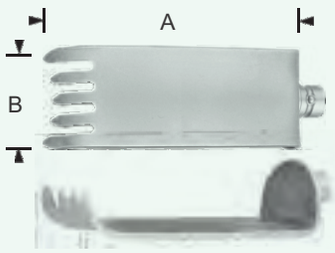
Transverse retractor, double hinged



Cervical Spin
Fig. 2

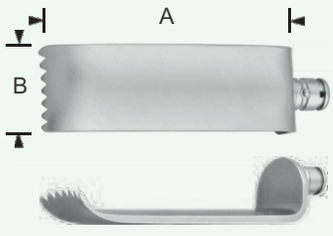
13-895-20	Retractor only 20 cm - 8"
13-895-00	Complete set consisting of:
13-895-20	1 Retractor
	1 pair of blades 13-884-40 to 13-884-60
	1 pair of blades 13-885-40 to 13-885-60

Transverse retractor, double hinged



5 Prongs Blade	A B
13-884-40	40 x 23 mm
13-884-45	45 x 23 mm
13-884-50	50 x 23 mm
13-884-55	55 x 23 mm
13-884-60	60 x 23 mm
13-884-65	65 x 23 mm
13-884-75	75 x 23 mm

Medial



Toothed Blade	A B
13-885-40	40 x 23 mm
13-885-45	45 x 23 mm
13-885-50	50 x 23 mm
13-885-55	55 x 23 mm
13-885-60	60 x 23 mm
13-885-65	65 x 23 mm
13-885-75	75 x 23 mm

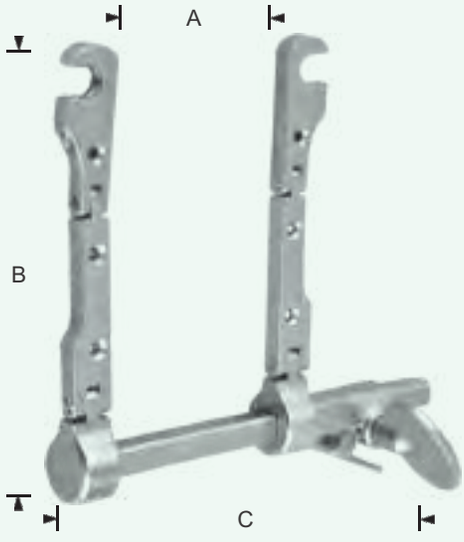
Lateral



Cervical Spin

Fig. 3		A	
13-896-17	Retractor only	90mm	17 cm - 6¾"
13-896-00	Complete set consisting of:		
13-896-17	1 Retractor		
	1 pair of blades 13-884-40 to 13-884-60		
	1 pair of blades 13-885-40 to 13-885-60		

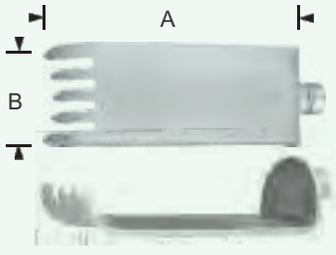
Retractor, double hinged, open blade reception



Cervical Spin

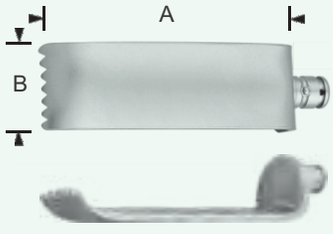
Fig. 4		A	B	C	
13-897-11	Retractor only	90mm	115mm	130mm	11.5 cm - 4 ½"
13-897-00	Complete set consisting of:				
13-897-11	1 Retractor				
	1 pair of blades 13-884-40 to 13-884-60				
	1 pair of blades 13-885-40 to 13-885-60				

Retractor, double hinged, open blade reception



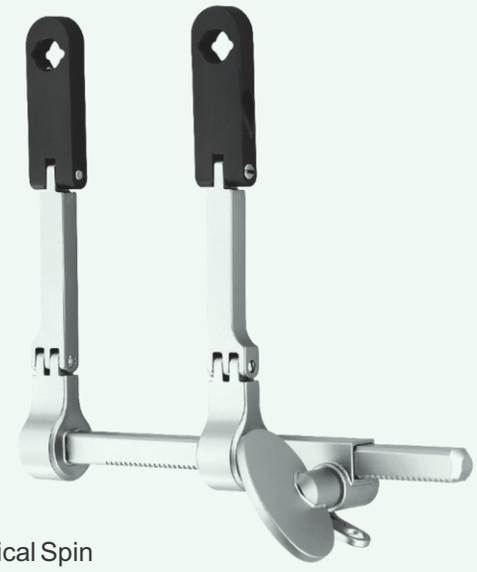
5 Prongs Blade	A B
13-884-40	40 x 23 mm
13-884-45	45 x 23 mm
13-884-50	50 x 23 mm
13-884-55	55 x 23 mm
13-884-60	60 x 23 mm
13-884-65	65 x 23 mm
13-884-75	75 x 23 mm

Medial



Toothed Blade	A B
13-885-40	40 x 23 mm
13-885-45	45 x 23 mm
13-885-50	50 x 23 mm
13-885-55	55 x 23 mm
13-885-60	60 x 23 mm
13-885-65	65 x 23 mm
13-885-75	75 x 23 mm

Lateral



Cervical Spin
Fig. 5

13-898-13	Retractor only 13.5 cm - 5 ¼"
13-898-00	Complete set consisting of:
13-898-13	1 Retractor
	1 pair of blades 13-900-40 to 13-900-60
	1 pair of blades 13-901-40 to 13-901-60
	1 pair of blades 13-902-40 to 13-902-60

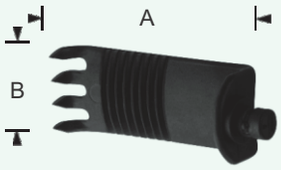
Transverse retractor, double hinged



Cervical Spin
Fig. 6

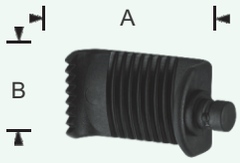
13-899-20	Retractor only 20 cm - 8"
13-899-00	Complete set consisting of:
13-899-20	1 Retractor
	1 pair of blades 13-900-40 to 13-900-60
	1 pair of blades 13-901-40 to 13-901-60
	1 pair of blades 13-902-40 to 13-902-60

Transverse retractor, double hinged



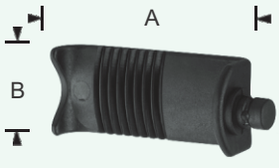
	A B
13-900-40	40 x 23 mm
13-900-45	45 x 23 mm
13-900-50	50 x 23 mm
13-900-55	55 x 23 mm
13-900-60	60 x 23 mm
13-900-65	65 x 23 mm
13-900-70	70 x 23 mm
13-900-75	75 x 23 mm

Blades, medial



	A B
13-901-40	40 x 23 mm
13-901-45	45 x 23 mm
13-901-50	50 x 23 mm
13-901-55	55 x 23 mm
13-901-60	60 x 23 mm
13-901-65	65 x 23 mm
13-901-70	70 x 23 mm
13-901-75	75 x 23 mm

Blades, lateral



	A B
13-902-40	40 x 23 mm
13-902-45	45 x 23 mm
13-902-50	50 x 23 mm
13-902-55	55 x 23 mm
13-902-60	60 x 23 mm
13-902-65	65 x 23 mm
13-902-70	70 x 23 mm
13-902-75	75 x 23 mm

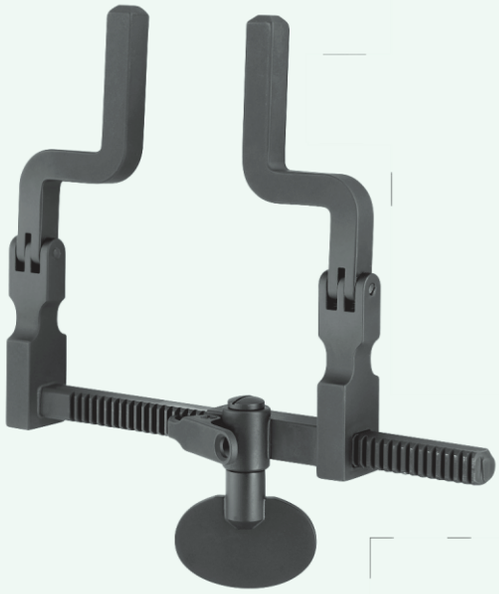
Blades, blunt



Mc Culloch

13-903-01	

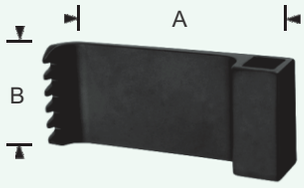
Rigid



Mc Culloch

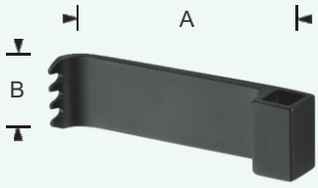
13-904-01	Retractor only
13-904-00	Complete set consisting of:
13-904-01	1 Retractor
	1 pair of blades 13-905-40 to 13-905-60
	1 pair of blades 13-906-40 to 13-906-60
	1 pair of blades 13-907-40 to 13-907-60
21-545-03	1 Wire basket 540 x 255 x 70mm
21-627-04	2 Silicone mats 380 x 230 mm

Hinged



	A	B	
13-905-30	30 x	23 mm	1 piece
13-905-40	40 x	23 mm	1 piece
13-905-50	50 x	23 mm	1 piece
13-905-60	60 x	23 mm	1 piece
13-905-70	70 x	23 mm	1 piece
13-905-80	80 x	23 mm	1 piece
13-905-00	Set		1 pair each

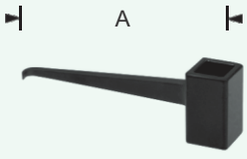
Muscle blades, wide



	A	B	
13-906-30	30 x	20 mm	1 piece
13-906-40	40 x	20 mm	1 piece
13-906-50	50 x	20 mm	1 piece
13-906-60	60 x	20 mm	1 piece
13-906-70	70 x	20 mm	1 piece
13-906-80	80 x	20 mm	1 piece
13-906-00	Set		1 pair each

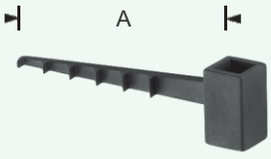
Muscle blades, narrow

i add "C" with catalogue part number if required in black ceramic coating



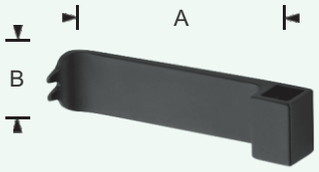
	A	
13-907-20	20 mm	1 piece
13-907-30	30 mm	1 piece
13-907-40	40 mm	1 piece
13-907-50	50 mm	1 piece
13-907-60	60 mm	1 piece
13-907-70	70 mm	1 piece
13-907-00	Set	1 pair each

Hook blades



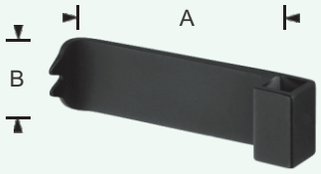
	A	
13-908-20	20 mm	1 piece
13-908-30	30 mm	1 piece
13-908-40	40 mm	1 piece
13-908-50	50 mm	1 piece
13-908-60	60 mm	1 piece
13-908-70	70 mm	1 piece
13-908-00	Set	1 pair each

Hook blades



	A B	
13-909-30	30 x 17 mm	1 piece
13-909-40	40 x 17 mm	1 piece
13-909-50	50 x 17 mm	1 piece
13-909-60	60 x17 mm	1 piece
13-909-70	70 x 17 mm	1 piece
13-909-80	80 x 17 mm	1 piece
13-909-00	Set	1 pair each

Thin muscle blades



	A B	
13-910-50	50 x 20 mm	1 piece
13-910-60	60 x 20 mm	1 piece
13-910-70	70 x 20 mm	1 piece
13-910-00	Set	1 pair each

Cervical blades

add "C" with catalogue part number if required in black ceramic coating

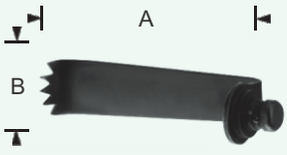


Caspar	Blade length
13-911-40	40 mm
13-911-45	45 mm
13-911-50	50 mm
13-911-55	55 mm
13-911-60	60 mm
13-911-65	65 mm
13-911-70	70 mm
13-911-75	75 mm
13-911-85	85 mm

Specula

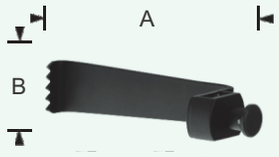


Caspar
13-912-00
Counter retractor frame



	A B
13-913-35	35 x 15 mm
13-913-40	40 x 15 mm
13-913-45	45 x 15 mm
13-913-50	50 x 15 mm
13-913-55	55 x 15 mm
13-913-60	60 x 15 mm
13-913-65	65 x 15 mm
13-913-70	70 x 15 mm
13-913-75	75 x 15 mm
13-913-85	85 x 15 mm

Blades, lateral



	A B
13-914-40	40 x 15 mm
13-914-45	45 x 15 mm
13-914-50	50 x 15 mm
13-914-55	55 x 15 mm
13-914-60	60 x 15 mm
13-914-65	65 x 15 mm
13-914-70	70 x 15 mm

Blades, medial

add "C" with catalogue part number if required in black ceramic coating

Vertebral body distractor,
for use in surgical procedures from the left approach for C5 through T1/2 and from the right approach for the upper cervical spine.



Cervical Body Distractor, Left

13-915-00

Vertebral body distractor left only
with standard prolongued toothed bar
(length 113 mm)



Drill Guide, Left

13-916-00

Drill guide,
for parallel positioning of the distraction screws,
to be used with distractor 13-915-00

Vertebral body distractor,
for use in surgical procedures from the right approach for C5 through T1/2 and from the left approach for the upper cervical spine.



Cervical Body Distractor, Right

13-917-00

Vertebral body distractor right only
with standard prolongued toothed bar
(length 113 mm)



Drill Guide, Right

13-918-00

Drill guide,
for parallel positioning of the distraction screws,
to be used with distractor 13-917-00



Cervical Body Distractor, Left

13-919-00

Spreading right, 110 mm wide,
total opening 70 mm,
depths of shank 60 mm



Cervical Body Distractor, Right

13-920-00

Spreading left, 110 mm wide,
total opening 70 mm,
depths of shank 60 mm



Distraction Screw

13-921-12	12 mm
13-921-14	14 mm
13-921-16	16 mm
13-921-18	18 mm

7 cm - 2 ¾”
Distraction screws
to be used with distractors
13-915-00 and 13-917-00
at least 2 each are required
Packing unit of 2 pieces



Distraction Screw Modified

		A
13-922-12	90 mm	12 mm
13-922-14	92 mm	14 mm
13-922-16	94 mm	16 mm



Twist Drill

13-923-14

14.5 cm - 5 ¾”
Ø 1.7 mm,
for pre-drilling holes for
distraction screws,
Drilling depth: 8 mm,
sheath Ø 2.35 mm



Screw Driver

13-924-01	20 cm - 8"

For distraction screws
Ferrozell handle

13-924-02	20 cm - 8"

For distraction screws
Propylux handle



Bone Graft Holder

13-925-01	22 cm - 8¾"

Insertion instrument
Ferrozell handle

13-925-02	22 cm - 8¾"

Insertion instrument
Propylux handle





Fig. 1

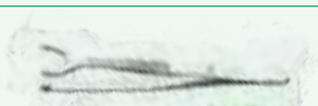


Fig. 2

Dissector

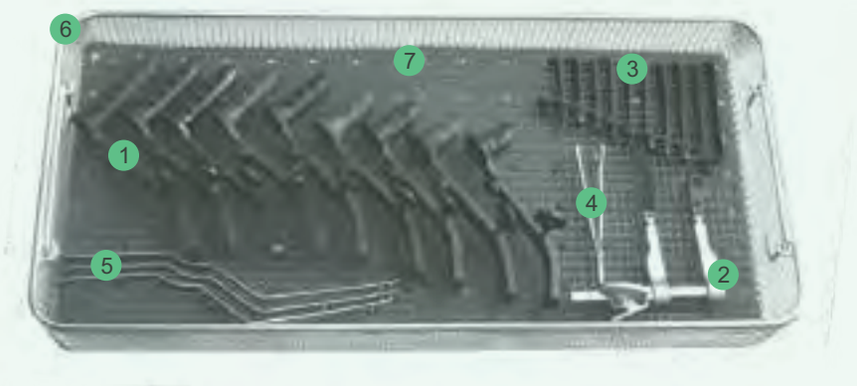
13-926-01	Fig. 1
13-926-02	Fig. 2

20.5 cm - 8"
Vertebral body dissectors
Ferrozell handle

	Item No.	Description
	Cervical Retractor Set 13-927-00	Set consisting of:
	13-878-01	1 Caspar Retractor Fig. 1
	13-879-02	1 Caspar Retractor Fig. 3
	13-880-03	2 Micro forceps straight 18 cm - 7"
	13-179-18	1 Micro forceps straight 18 cm - 7"
	13-892-25 to 13-892-70	1 pair of blades
	13-893-40 to 13-893-70	1 pair of blades
	13-890-30 to 13-890-75	1 pair of blades
	13-881-00	1 Forceps for changing the blades with ball snap closure
	21-545-03	1 Wire basket 540 x 255 x 70 mm
	21-627-04	2 Silicone mats380 x 230 mm

Micro Lumbar Discectomy Retractor Set
Mikro-Lumbaldiskektomie Retraktor-Set
Juego de retractor de discectomía micro lumbar
Ensemble d'écarteur de discectomie micro lombaire
Set di divaricatori per discectomia micro-lombare

surgimax™ saving lives

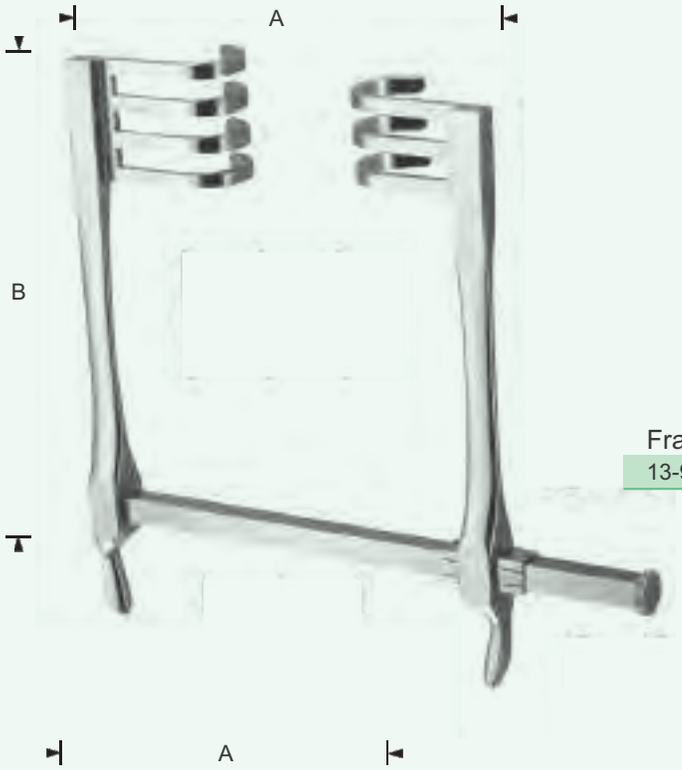


	Item No.	Description
	Micro Disectomy Set Fig. 1 13-928-00	Set consisting of:
1	13-911-40 to 13-911-85	1 pair of blades
2	13-912-00	1 Caspar Counter Retractor Frame
3	13-913-35 to 13-913-85	2 Micro forceps straight 18 cm - 7"
4	13-881-00	1 Forceps for changing the blades with ball snap closure
5	13-227-06 to 13-227-10	Caspar nerve root retractors
6	21-515-03	1 Wire basket 540 x 255 x 70 mm
7	21-627-04	2 Silicone mats 380 x 230 mm

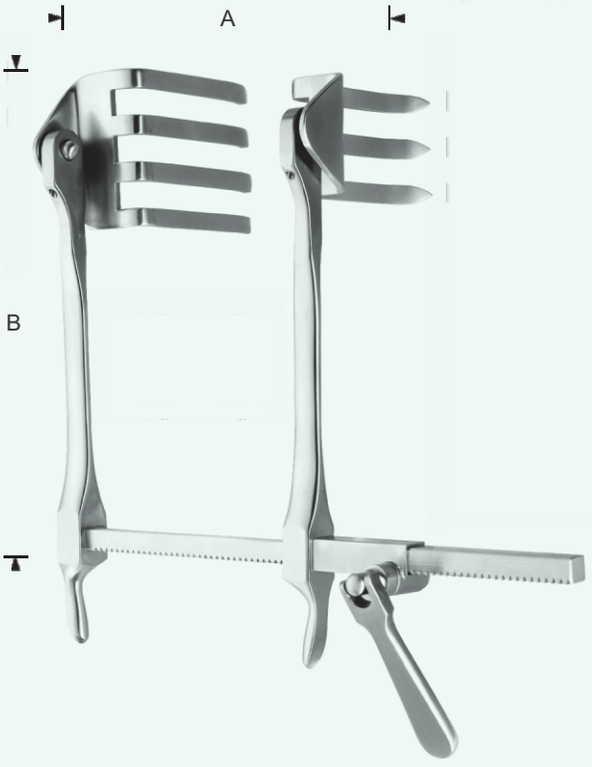
	Item No.	Description
	Micro Disectomy Set Fig. 2 13-929-00	Set consisting of:
1	13-911-40 to 13-911-85	1 pair of blades
2	13-912-00	1 Caspar Counter Retractor Frame
3	13-913-35 to 13-913-85	2 Micro forceps straight 18 cm - 7"
4	13-881-00	1 Forceps for changing the blades with ball snap closure
6	21-515-03	1 Wire basket 540 x 255 x 70 mm
7	21-627-04	2 Silicone mats 380 x 230 mm

	Item No.	Description
	Micro Disectomy Set Fig. 3 13-930-00	Set consisting of:
	13-917-00	1 Caspar Retractor Fig. 1
	13-918-00	1 Drill guide, right
	13-924-01	1 Screw driver
	13-923-14	1 Twist drill
	13-921-14	10 pcs Distraction screws

	Item No.	Description
	Micro Disectomy Set Fig. 4 13-931-00	Set consisting of:
	13-912-00	1 Caspar counter retractor frame
	13-911-40 to 13-911-85	1 pair of blades
	13-913-40 to 13-913-85	1 pair of blades
	13-881-00	1 Forceps for changing the blades with ball snap closure



Frazier	A	B
13-932-50	16.5 cm - 6 ½”	13 cm - 5”



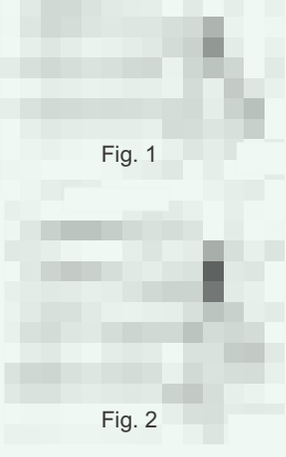

Fig. 1

Fig. 2


Fig. 3


Fig. 4


Fig. 5

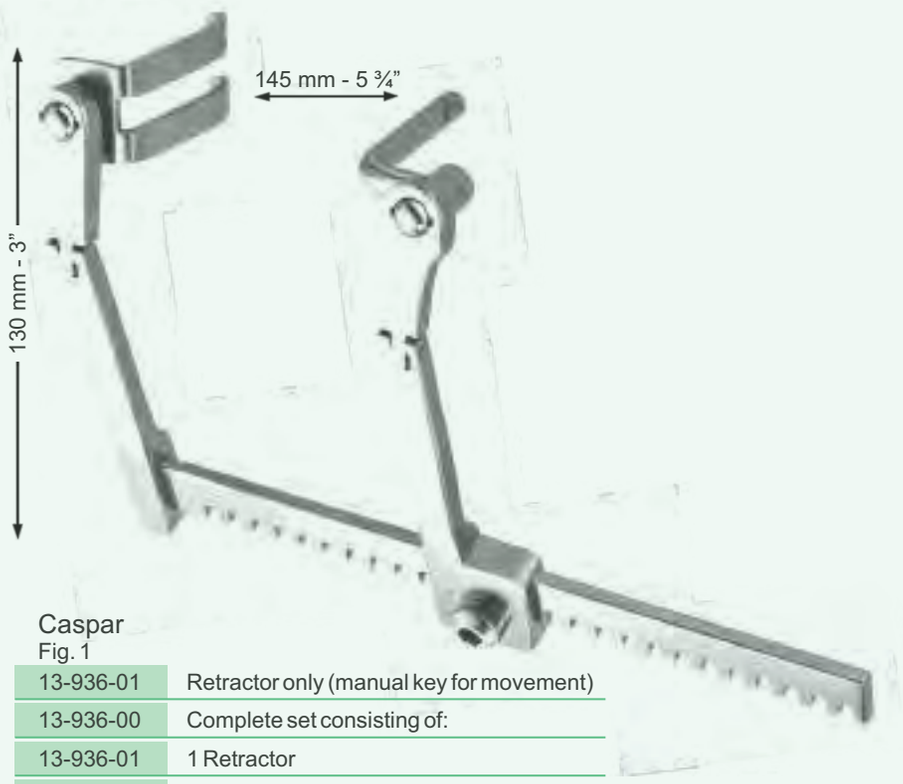
Scoville - Richter	A	B
13-933-01	14 cm - 5 ½”	17 cm - 6 ¾”
13-933-00	Complete set consisting of:	
13-933-01	1 Retractor	17 cm - 6 ¾”
	13-934-01 to 13-934-02	
	1 pair of each	

Scoville - Richter		
13-934-01	Fig. 1	60 x 37 mm
13-934-02	Fig. 2	60 x 50 mm

1 pair of blades

Scoville - Richter		
13-935-03	Fig. 3	48 x 50 mm
13-935-04	Fig. 4	28 x 40 mm
13-935-05	Fig. 5	38 x 62 mm

1 pair of blades



Caspar
Fig. 1

13-936-01	Retractor only (manual key for movement)
13-936-00	Complete set consisting of:
13-936-01	1 Retractor
13-938-58	1 Hook 58 mm
13-937-00	Key for retractor movement
	1 pair of each, 13-940-37 and 13-941-41

Caspar
Fig. 2

13-936-02	Retractor only (attached key for movement)
13-936-00	Complete set consisting of:
13-936-01	1 Retractor
13-938-38	1 Hook 38 mm
	1 pair of each, 13-941-37 to 13-941-57



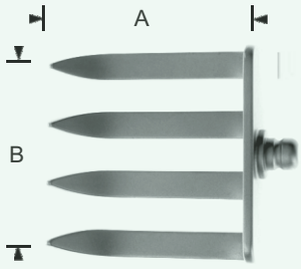
Key

13-937-00	



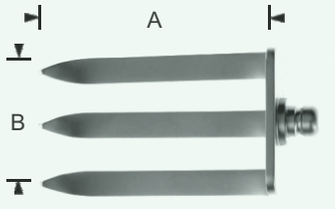
Hook

13-938-38	38 mm
13-938-58	58 mm



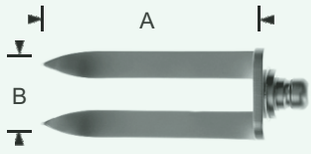
Blade
Fig .1

	A B	
13-939-32	32 x 52 mm	1 piece
13-939-37	37 x 52 mm	1 piece
13-939-42	42 x 52 mm	1 piece
13-939-47	32 x 52 mm	1 piece
13-939-52	52 x 52 mm	1 piece
13-939-57	57 x 52 mm	1 piece
13-939-65	65 x 52 mm	1 piece
13-939-67	67 x 52 mm	1 piece



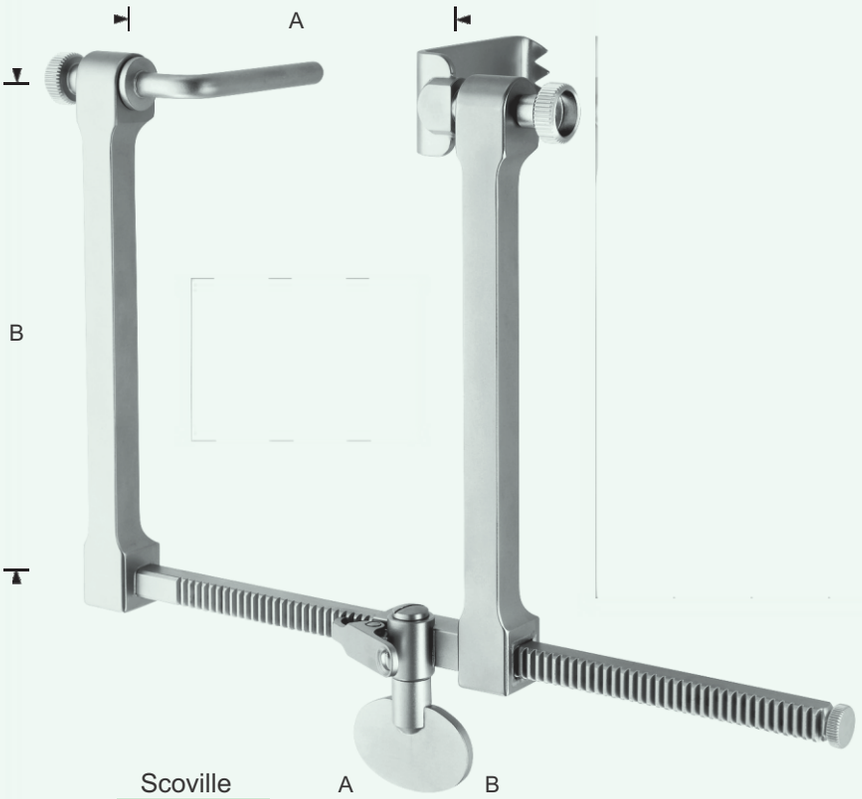
Blade
Fig .2

	A B	
13-940-32	32 x 52 mm	1 piece
13-940-37	37 x 52 mm	1 piece
13-940-42	42 x 52 mm	1 piece
13-940-47	32 x 52 mm	1 piece
13-940-52	52 x 52 mm	1 piece
13-940-57	57 x 52 mm	1 piece
13-940-65	65 x 52 mm	1 piece
13-940-67	67 x 52 mm	1 piece



Blade
Fig .3

	A B	
13-941-32	32 x 52 mm	1 piece
13-941-37	37 x 52 mm	1 piece
13-941-42	42 x 52 mm	1 piece
13-941-47	32 x 52 mm	1 piece
13-941-52	52 x 52 mm	1 piece
13-941-57	57 x 52 mm	1 piece
13-941-65	65 x 52 mm	1 piece
13-941-67	67 x 52 mm	1 piece



Scoville	A	B	
13-942-01	22 cm - 8 ¾"	14 cm - 5 ½"	Retractor only
13-942-00	Complete set consisting of:		
13-942-01	1 Retractor		
	1 pair of each, 13-945-47 to 13-945-60		

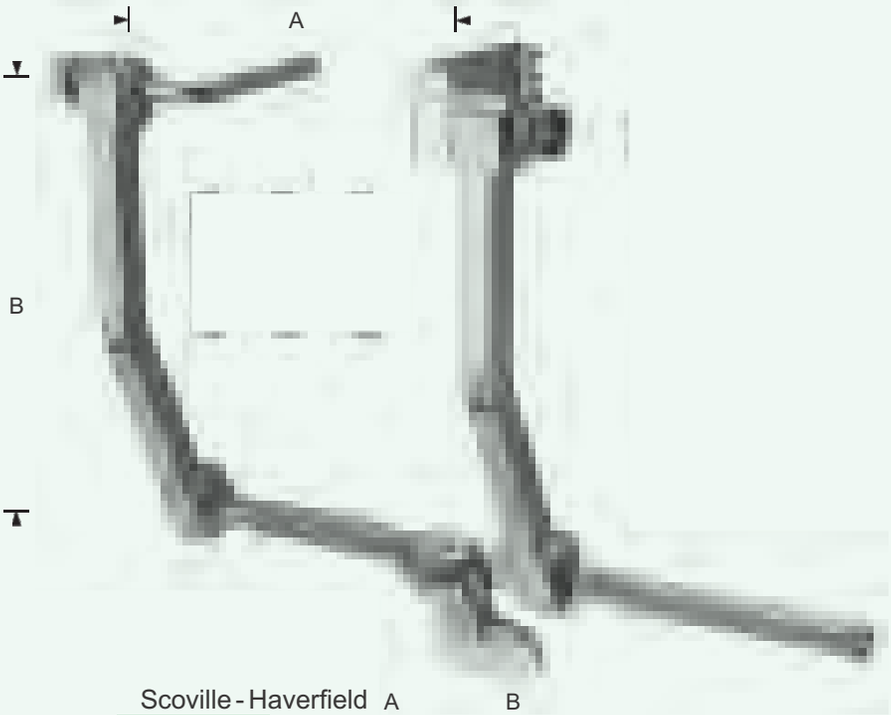


Fig. 1

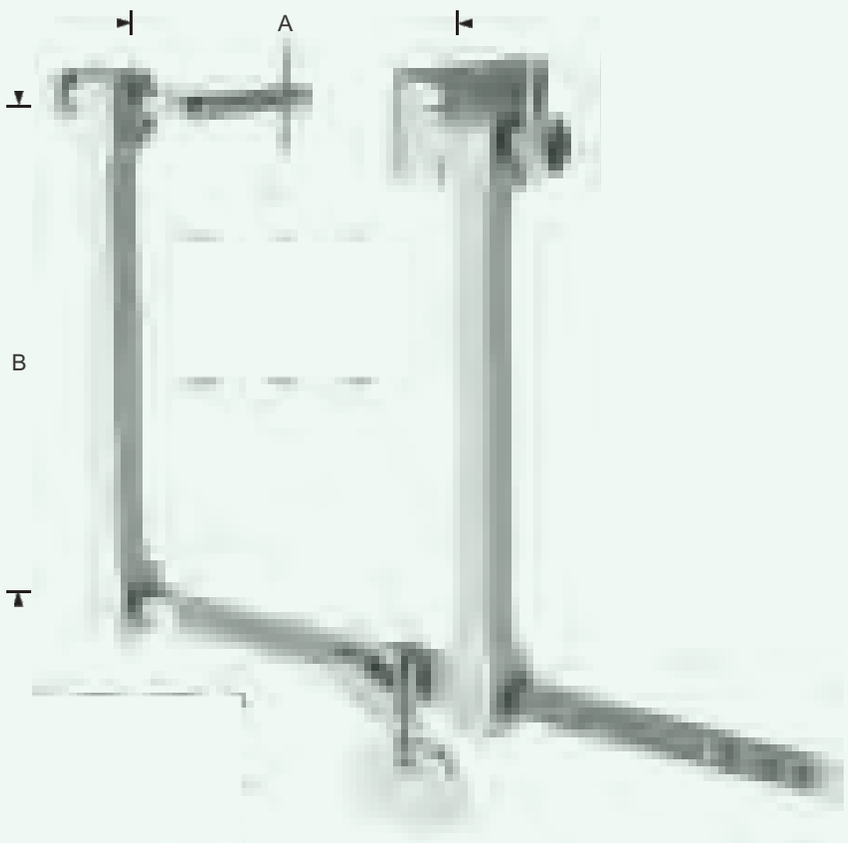


Fig. 2

Scoville		
13-945-57	Fig. 1	57 mm
13-945-60	Fig. 2	60 x 25 mm
1 pair of blades only		



Scoville - Haverfield	A	B	
13-943-01	22 cm - 8 ¾"	14 cm - 5 ½"	Retractor only
13-943-00	Complete set consisting of:		
13-943-01	1 Retractor		
	1 pair of each, 13-945-57 to 13-945-60		



Scoville	A	B	
13-944-01	22 cm - 8 ¾"	14 cm - 5 ½"	Retractor only
13-944-00	Complete set consisting of:		
13-944-01	1 Retractor		
	1 pair of each, 13-947-48 to 13-947-78		



Scoville	
13-947-48	48 mm
13-947-58	58 mm
13-947-78	78 mm



Meyerding	
13-956-48	48 x 25 mm
13-956-81	81 x 25 mm
13-956-90	90 x 50 mm



Scoville

13-945-57	57 mm
13-945-83	83 mm

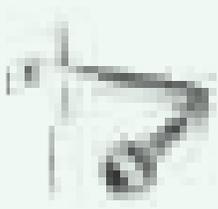
Blunt, wide



Scoville

13-946-57	57 mm
13-946-71	71 mm

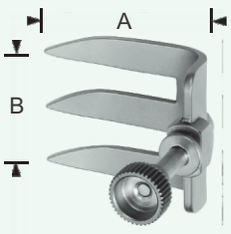
Sharp



Scoville

13-947-48	48 mm
13-947-58	58 mm
13-947-78	78 mm

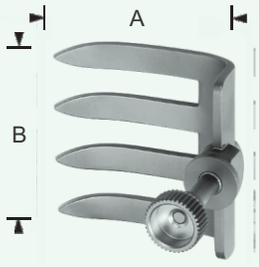
With crossbar



Taylor / Scoville

	A B
13-948-45	45 x 39 mm
13-948-50	50 x 35 mm

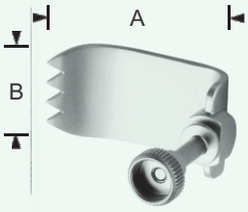
3 prongs



Taylor / Scoville

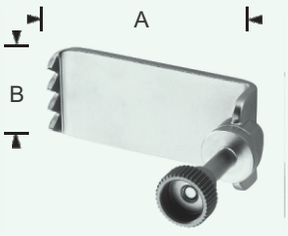
	A B
13-949-70	70 x 46 mm
13-949-50	50 x 50 mm
13-949-62	62 x 57 mm
13-949-80	80 x 57 mm

4 prongs



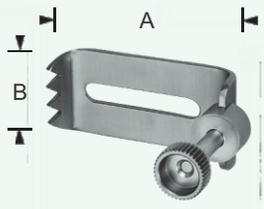
Hibbs

	A B
13-950-48	48 x 19 mm
13-950-58	58 x 51 mm
13-950-51	51 x 26 mm
13-950-60	60 x 38 mm
13-950-65	65 x 26 mm
13-950-74	74 x 38 mm
13-951-74	74 x 64 mm
13-951-78	78 x 50 mm
13-951-80	80 x 26 mm
13-951-89	89 x 26 mm
13-951-90	92 x 39 mm
13-951-10	104 x 51 mm
13-952-10	105 x 26 mm



Scoville

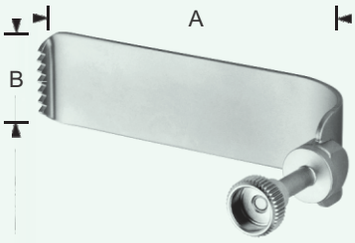
	A B
13-953-60	60 x 25 mm
13-953-78	78 x 51 mm
13-954-78	78 x 29 mm
13-954-91	91 x 26 mm



Epstein

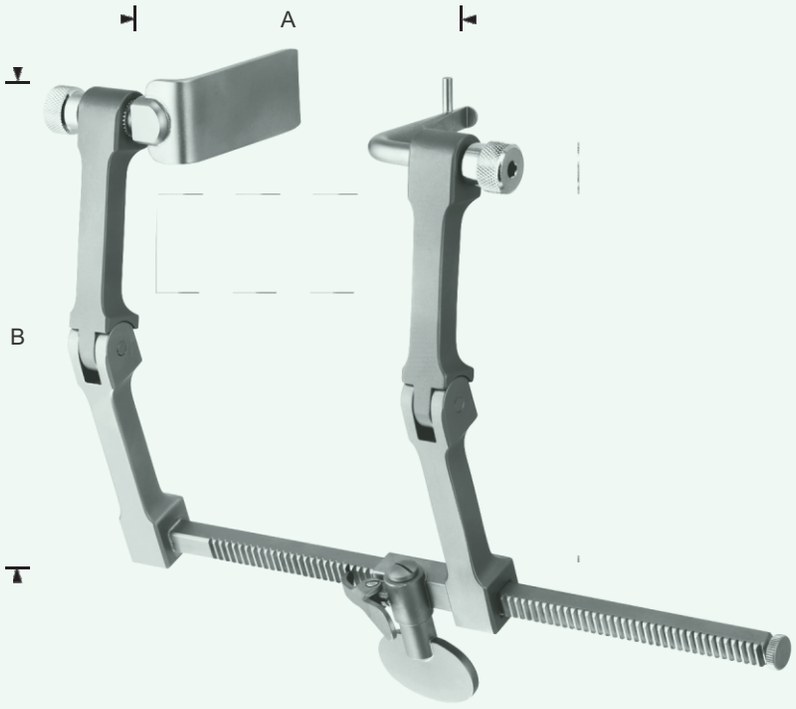
	A B
13-955-70	57 x 26 mm

Fenestrated

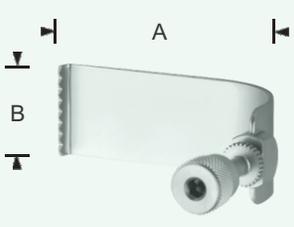


Meyerding

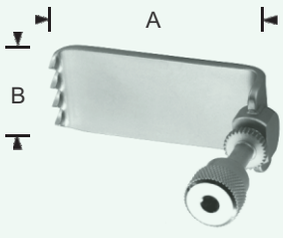
	A B
13-956-48	48 x 25 mm
13-956-62	62 x 25 mm
13-956-70	70 x 25 mm
13-956-78	78 x 25 mm
13-956-81	81 x 25 mm
13-956-90	90 x 50 mm



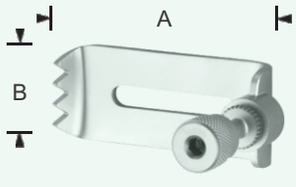
Scoville	A	B	
13-957-01	22 cm - 8 ¾"	14 cm - 5 ½"	Retractor only
13-957-00	Complete set consisting of:		
13-957-01	1 Retractor		
13-959-60	1 blade		
13-959-58	1 blade		



Meyerding	A	B
13-958-48	48 x 25 mm	
13-958-62	62 x 25 mm	
13-958-70	70 x 25 mm	
13-958-78	78 x 25 mm	
13-958-81	81 x 25 mm	
13-958-90	90 x 50 mm	

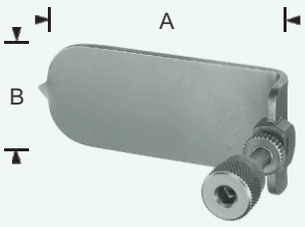


Scoville	A	B
13-959-60	60 x 25 mm	
13-959-78	78 x 29 mm	
13-959-78	78 x 51 mm	
13-959-91	91 x 26 mm	



Epstein	A	B
13-960-48	48 x 26 mm	

Fenestrated



Taylor	A	B
13-961-80	80 x 31 mm	
13-961-10	105 x 42 mm	



Taylor	
13-962-60	60 mm
13-962-70	70 mm



Scoville	
13-963-57	57 mm
13-963-77	77 mm

Pointed



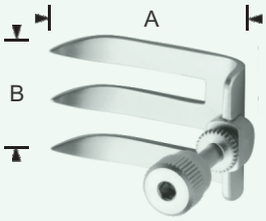
Scoville	
13-964-57	57 mm
13-964-83	83 mm

3 prongs



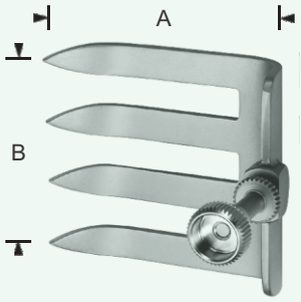
Scoville	
13-965-48	48 mm
13-965-58	58 mm
13-965-78	78 mm

With crossbar



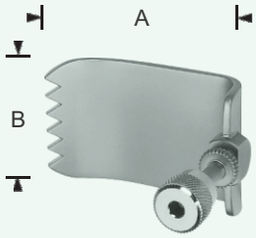
Scoville	A	B
13-966-50	50 x 35 mm	
13-966-45	45 x 39 mm	

3 prongs



Scoville	A	B
13-967-50	50 x 50 mm	
13-967-62	62 x 57 mm	
13-967-70	70 x 46 mm	
13-967-80	80 x 57 mm	

4 prongs



Hibbs	A	B
13-968-48	48 x 19 mm	
13-968-58	58 x 51 mm	
13-968-51	51 x 26 mm	
13-968-60	60 x 38 mm	
13-968-65	65 x 26 mm	
13-968-74	74 x 38 mm	
13-969-74	74 x 64 mm	
13-969-78	78 x 50 mm	
13-969-80	80 x 26 mm	
13-969-89	89 x 26 mm	
13-969-90	92 x 39 mm	
13-969-10	104 x 51 mm	
13-970-10	105 x 26 mm	



14

Thorax – Lung
Thorax – Lunge
Tórax – Pulmón
Thorax – Poumon
Torace – Polmone

surgimax™
saving lives



Lebsche

14-904-24 | 24.5 cm - 9 ¾"



Brunner

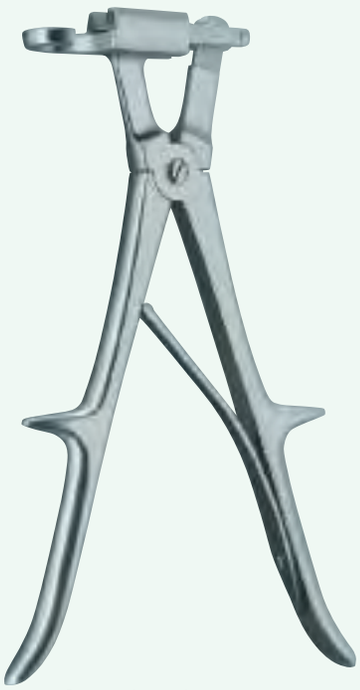
14-905-01 | for the right hand / für die rechte Hand / para la manoderecha / pour la main droite / per la mano destra

14-905-02 | 32 cm - 12 ½" | for the left hand / für die linke Hand / para la mano izquierda / pour la main gauche / per la mano sinistra



Sauerbruch-Frey

14-906-36 | 36 cm - 14 ¼"



Sauerbruch

14-907-26 | 26 cm - 10 ¼"



Giertz-Stille

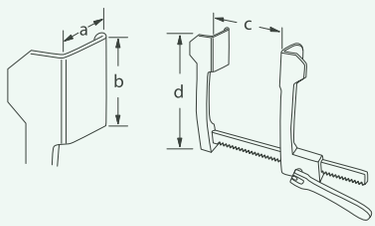
14-908-27 | 27 cm - 10 ¾"



Bethune

14-909-34 | 34 cm - 13 ½"





Burford 8"

14-910-08

Aluminium

a	b	c	d
45 mm	62 mm	165 mm	200 mm
65 mm	62 mm		

for adults, with 2 pairs of interchangeable blades

Burford 10"

14-911-10

Aluminium

a	b	c	d
45 mm	62 mm	250mm	200 mm
65 mm	62 mm		

for adults, with 2 pairs of interchangeable blades

Burford 12"

14-912-12

Aluminium

a	b	c	d
45 mm	62 mm	290 mm	200 mm
65 mm	62 mm		

for adults, with 2 pairs of interchangeable blades

Burford

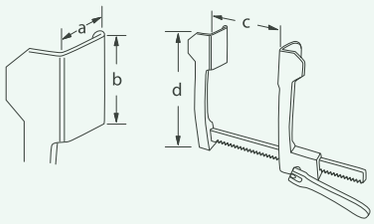
14-913-00

Aluminium

a	b	c	d
30 mm	42 mm	130 mm	117 mm
41 mm	42 mm		

for adults, with 2 pairs of interchangeable blades





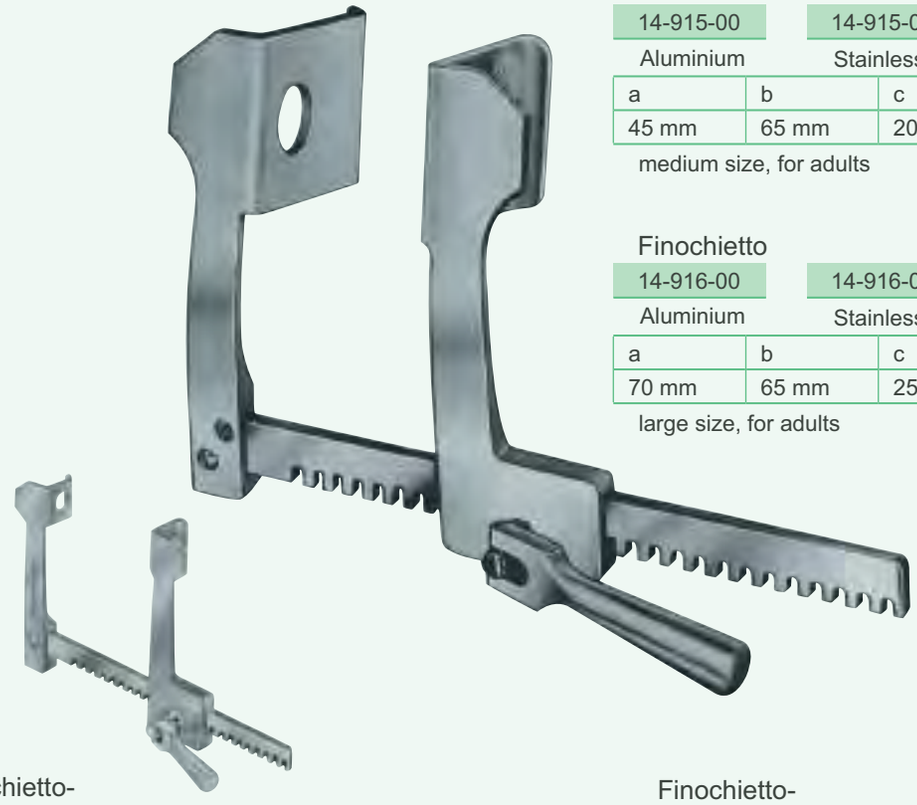
Finochietto

14-914-00

Aluminium

a	b	c	d
40 mm	45 mm	165 mm	110 mm

small size, for children



Finochietto

14-915-00 Aluminium

14-915-01 Stainless steel

a	b	c	d
45 mm	65 mm	200mm	140 mm

medium size, for adults

Finochietto

14-916-00 Aluminium

14-916-01 Stainless steel

a	b	c	d
70 mm	65 mm	250 mm	140 mm

large size, for adults

Finochietto-Baby-Haight

14-917-00 Aluminium

14-917-01 Stainless steel

a	b	c	d
27 mm	30 mm	95 mm	80 mm

for children

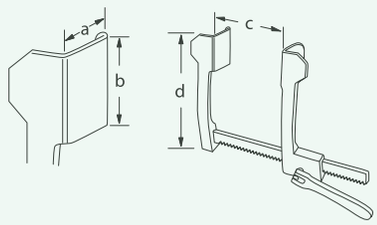
Finochietto-Infant

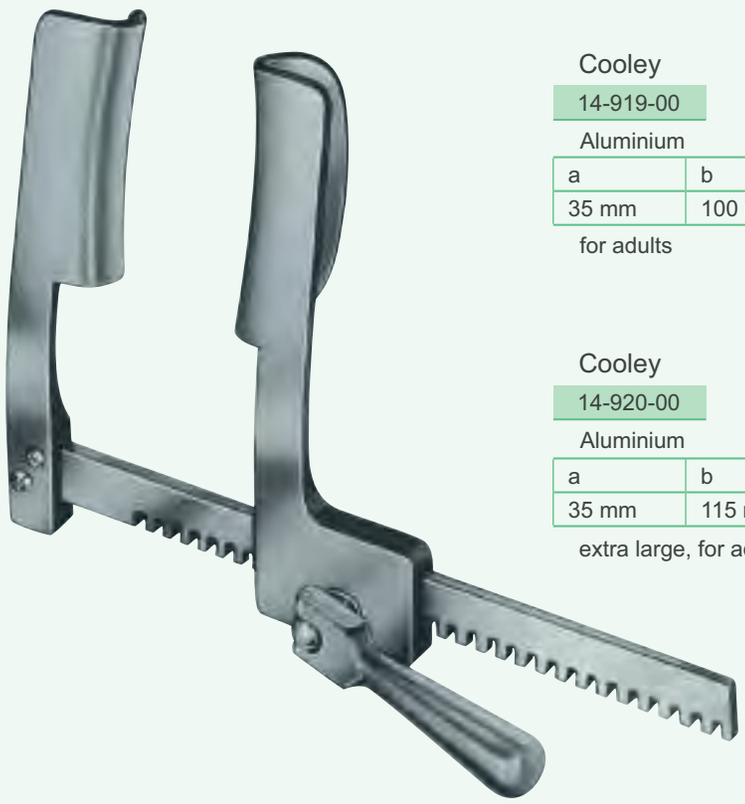
14-918-00 Aluminium

14-918-01 Stainless steel

a	b	c	d
12 mm	15 mm	70 mm	55 mm

for infants





Cooley

14-919-00

Aluminium

a	b	c	d
35 mm	100 mm	180 mm	180 mm

for adults

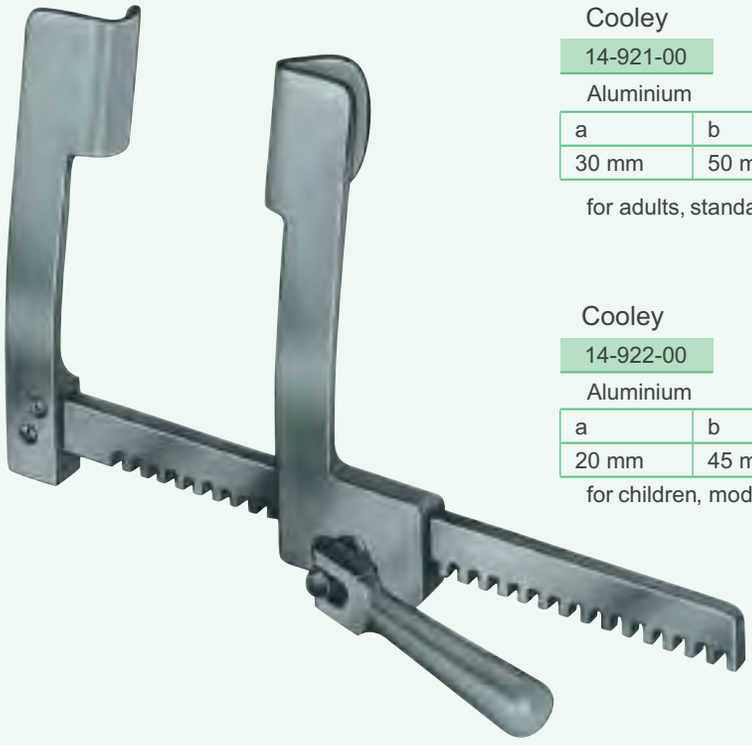
Cooley

14-920-00

Aluminium

a	b	c	d
35 mm	115 mm	230 mm	205 mm

extra large, for adults



Cooley

14-921-00

Aluminium

a	b	c	d
30 mm	50 mm	185 mm	145 mm

for adults, standard size, modified

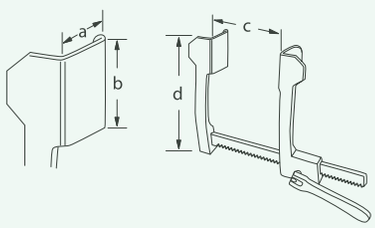
Cooley

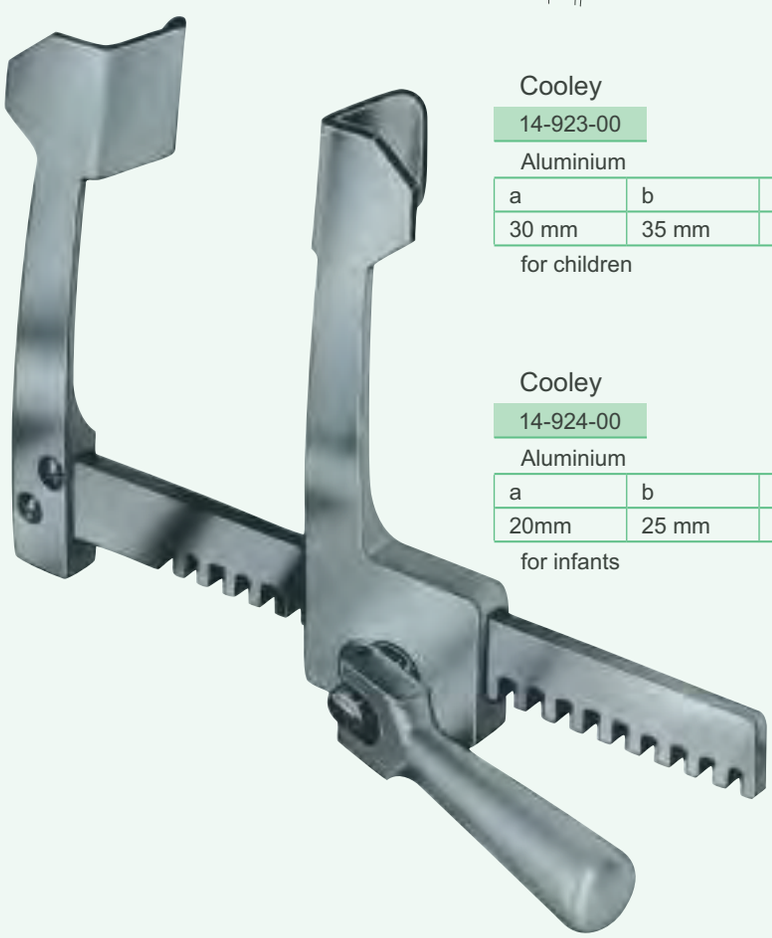
14-922-00

Aluminium

a	b	c	d
20 mm	45 mm	140 mm	110 mm

for children, modified





Cooley

14-923-00

Aluminium

a	b	c	d
30 mm	35 mm	140 mm	110 mm

for children

Cooley

14-924-00

Aluminium

a	b	c	d
20mm	25 mm	100 mm	80 mm

for infants



Cooley

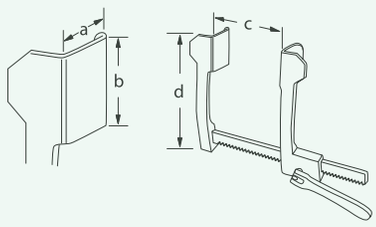
14-925-00

Aluminium

a	b	c	d
12mm	15 mm	70 mm	55 mm

for infants





Cooley

14-926-00

Aluminium

a	b	c	d
15 mm	30 mm	115 mm	80 mm

for children, sternal spreader, light-wieght but sturdy

Cooley

14-927-00

Aluminium

a	b	c	d
14 mm	16 mm	85 mm	55 mm

for newborns

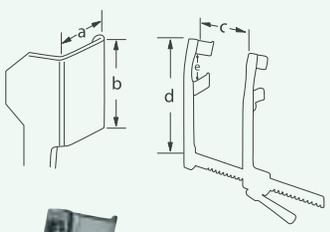
Cooley

14-928-00

Aluminium

a	b	c	d
15 mm	20 mm	100 mm	80 mm

for infants, sternal spreader with prongs





Morse Sternal

14-929-00

Aluminium

a	b	c	d	e
20 mm	20 mm	155 mm	120 mm	50 mm

with 2 pairs of movable blades, for children, arms curved between blades

Morse-
Favaloro Sternal

14-930-00

Aluminium

a	b	c	d	e
40 mm	20 mm	155 mm	175 mm	65 mm

with 2 pairs of movable blades, for adults, arms curved between blades

Morse-
Favaloro Sternal

14-931-00

Aluminium

a	b	c	d	e
12 mm	20 mm	155 mm	120 mm	50 mm

with 2 pairs of movable blades, for children, arms curved between blades

Morse Sternal

14-932-00

Aluminium

a	b	c	d	e
20 mm	28 mm	210 mm	155 mm	72 mm

with 2 pairs of movable blades, for adults, arms curved between rack and blades

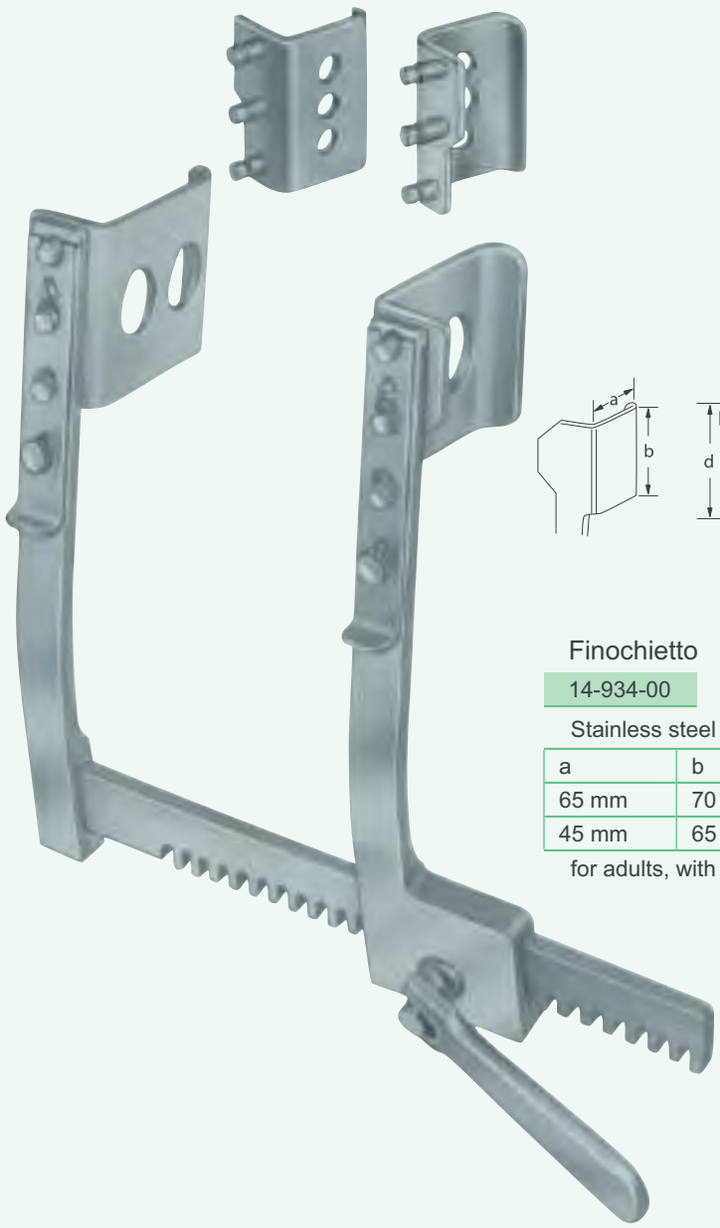
Morse Sternal

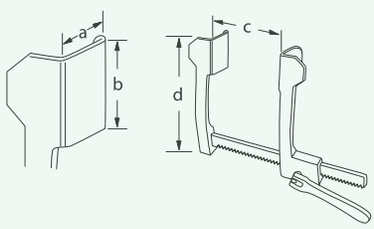
14-933-00

Aluminium

a	b	c	d	e
20 mm	20 mm	155 mm	120 mm	50 mm

with 2 pairs of movable blades, for children, arms curved between rack and blades





Finochietto

14-934-00

Stainless steel

a	b	c	d
65 mm	70 mm	200 mm	140 mm
45 mm	65 mm		

for adults, with 2 pairs of interchangeable blades



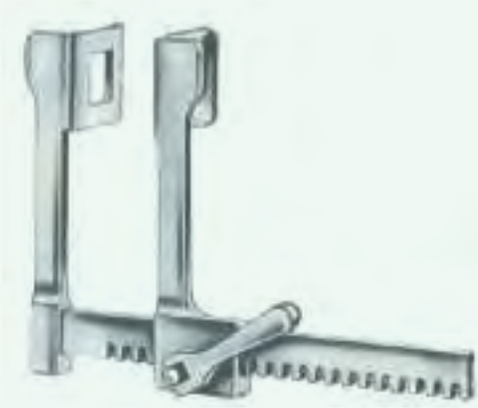
Baby-Haight

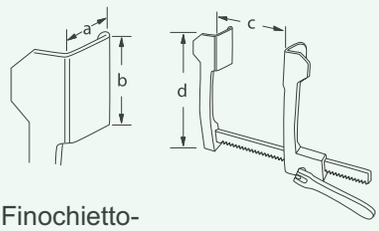
14-935-00

14-935-01

Stainless steel

a	b	c	d
28 mm	30 mm	85 mm	70 mm
28 mm	30 mm	100 mm	75 mm





Finochietto-Baby

14-936-00

Stainless steel

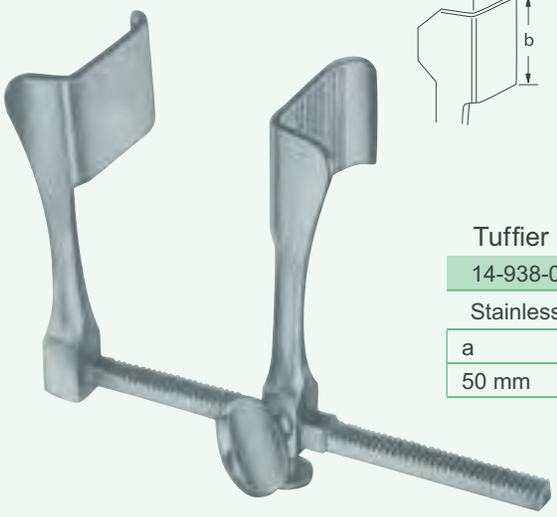
a	b	c	d
14 mm	15 mm	75 mm	55 mm

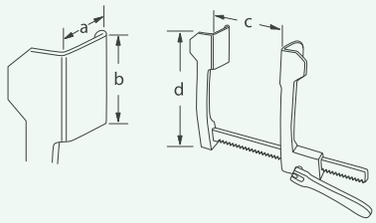


Finochietto

	a	b	c	d
14-937-00	40 mm	40 mm	165 mm	110 mm
14-937-01	45 mm	65 mm	200 mm	140 mm
14-937-02	70 mm	65 mm	250 mm	140 mm

Stainless steel



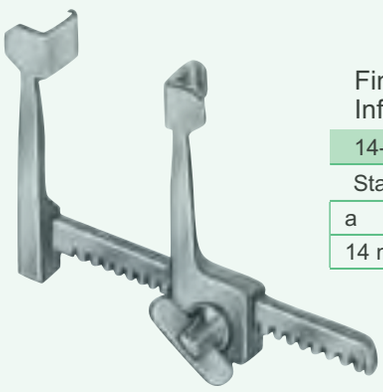


Tuffier

14-938-00

Stainless steel

a	b	c	d
50 mm	45 mm	165 mm	110 mm



Finochietto-Infant

14-939-00

Stainless steel

a	b	c	d
14 mm	15 mm	55 mm	25 mm

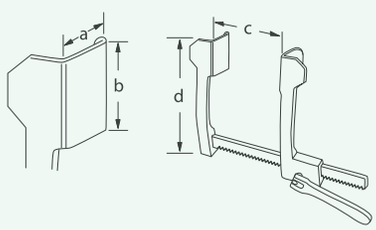


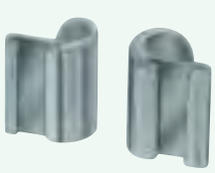
De Boer (Sternal)

14-940-00

Stainless steel

a	b	c	d
30 mm	100 mm	210 mm	185 mm





De Bakey

14-941-00

Stainless steel

a	b	c	d
20 mm	30 mm	120 mm	130 mm
30 mm	30 mm		

for children, with 2 pairs of interchangeable blades



De Bakey

14-942-00

Stainless steel

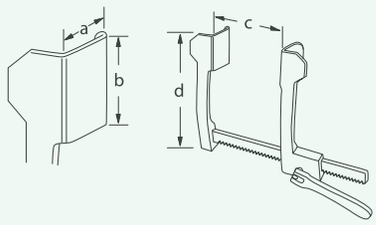
a	b	c	d
30 mm	60 mm	200 mm	190 mm
48 mm	60 mm		

for adults, with 2 pairs of interchangeable blades

	a	b
14-943-00	30 mm	30 mm
14-943-01	30 mm	60 mm
14-943-02	48 mm	60 mm

pair of blades





Mercedes Thoraxsperrer

14-944-00

Stainless steel

a	b	c	d
45 mm	68 mm	285 mm	185 mm
70 mm	75 mm		

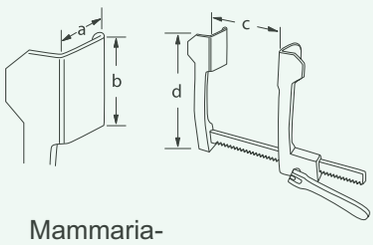
for adults, with 2 pairs of interchangeable blades with ball snap system

	a	b
14-945-01	45 mm	68 mm
14-945-02	70 mm	75 mm

Stainless steel
pair of blades

Thoracic and I.M.A. retractor
I.M.A. Thoraxsperrer
Separador torácico e I.M.A.
Ecarteur thoracique et I.M.A.
Toracica e I.M.A. divaricatore





Mammaria-Spreizer

14-946-00

Stainless steel

a	b	c	d
55 mm	100 mm	170 mm	130 mm

with detachable tilting IMA blade and set-scew to lift the sternal margin for the dissection of the IMA



Allison

14-947-30	30 cm - 12"
14-947-32	32 cm - 12 ½"



Bailey-Baby

14-948-14	14 cm - 5 ½"



Bailey

14-949-16	16 cm - 6 ¼"



Lemmon

14-950-14	14.5 cm - 5 ¾"
14-950-18	18 cm - 7"



Bailey-Gibbon

14-951-16	16 cm - 6 ¼"



Sellors

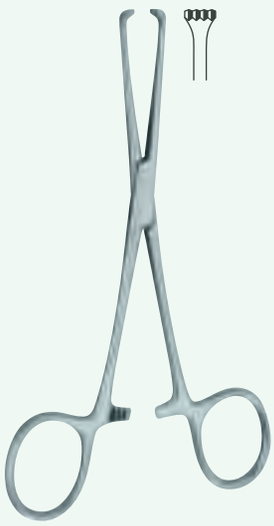
14-952-19	19 cm - 7 ½"



15

Stomach – Intestine
Magen – Darm
Estómago – Intestino
Estomac – Intestin
Stomaco – Intestino

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Allis-Baby

15-200-13	13 cm - 5"

4 x 5
Teeth
Zähne
Dientes
Dents
Denti



Allis

15-201-15	15 cm - 6"
15-201-19	19 cm - 7 ½"
15-201-25	25 cm - 9 ¾"

4 x 5
Teeth
Zähne
Dientes
Dents
Denti

15-202-15	15 cm - 6"
15-202-19	19 cm - 7 ½"
15-202-25	25 cm - 9 ¾"

5 x 6



Allis-Adair

15-203-15	15.5 cm - 6"

10 x 11
Teeth
Zähne
Dientes
Dents
Denti



Thomas-Allis

15-204-20	20 cm - 8"

7 x 6
Teeth
Zähne
Dientes
Dents
Denti



Lockwood

15-205-20	20 cm - 8"



Williams

15-206-16	16 cm - 6 ¼"



Littlewood

15-207-19	19 cm - 7 ½"

2 x 3
Teeth
Zähne
Dientes
Dents
Denti



Boys-Allis

15-208-15	15 cm - 6"

5 x 6
Teeth
Zähne
Dientes
Dents
Denti



Judd-Allis

15-209-15	15 cm - 6"
15-209-19	19 cm - 7 ½"

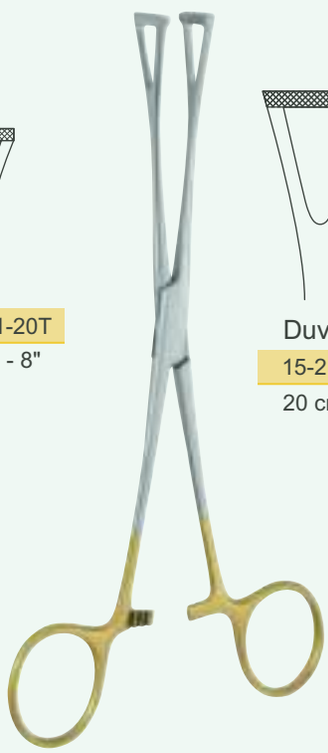
3 x 4
Teeth
Zähne
Dientes
Dents
Denti

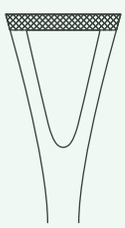




Babcock

15-210-16T	16 cm - 6 ¼"
15-211-20T	20 cm - 8"

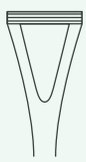




Duval

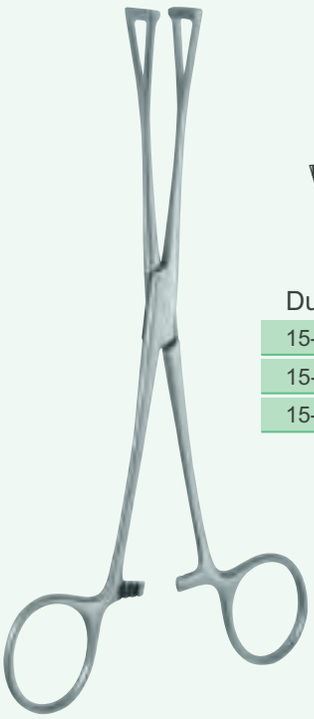
15-212-20T
20 cm - 8"

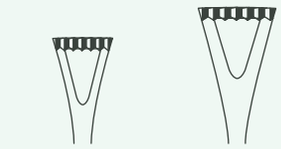




Babcock

15-213-16	16 cm - 6 ¼"
15-213-18	18 cm - 7"
15-213-20	20 cm - 8"
15-213-24	24 cm - 9 ½"





Duval

15-214-18	15-215-18	18 cm - 7"
15-214-20	15-215-20	20 cm - 8"
15-214-23	15-215-23	23 cm - 9"



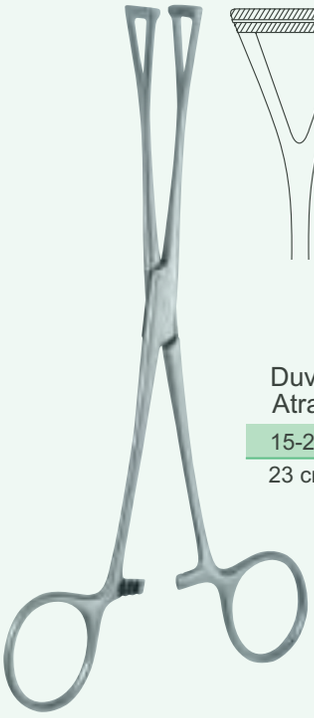


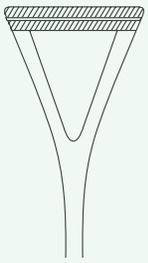
Babcock-Atrauma

15-216-16
16 cm - 6 ¼"



15-217-20
20 cm - 8"





Duval-Atrauma

15-218-23
23 cm - 9"





Allis-Atrauma

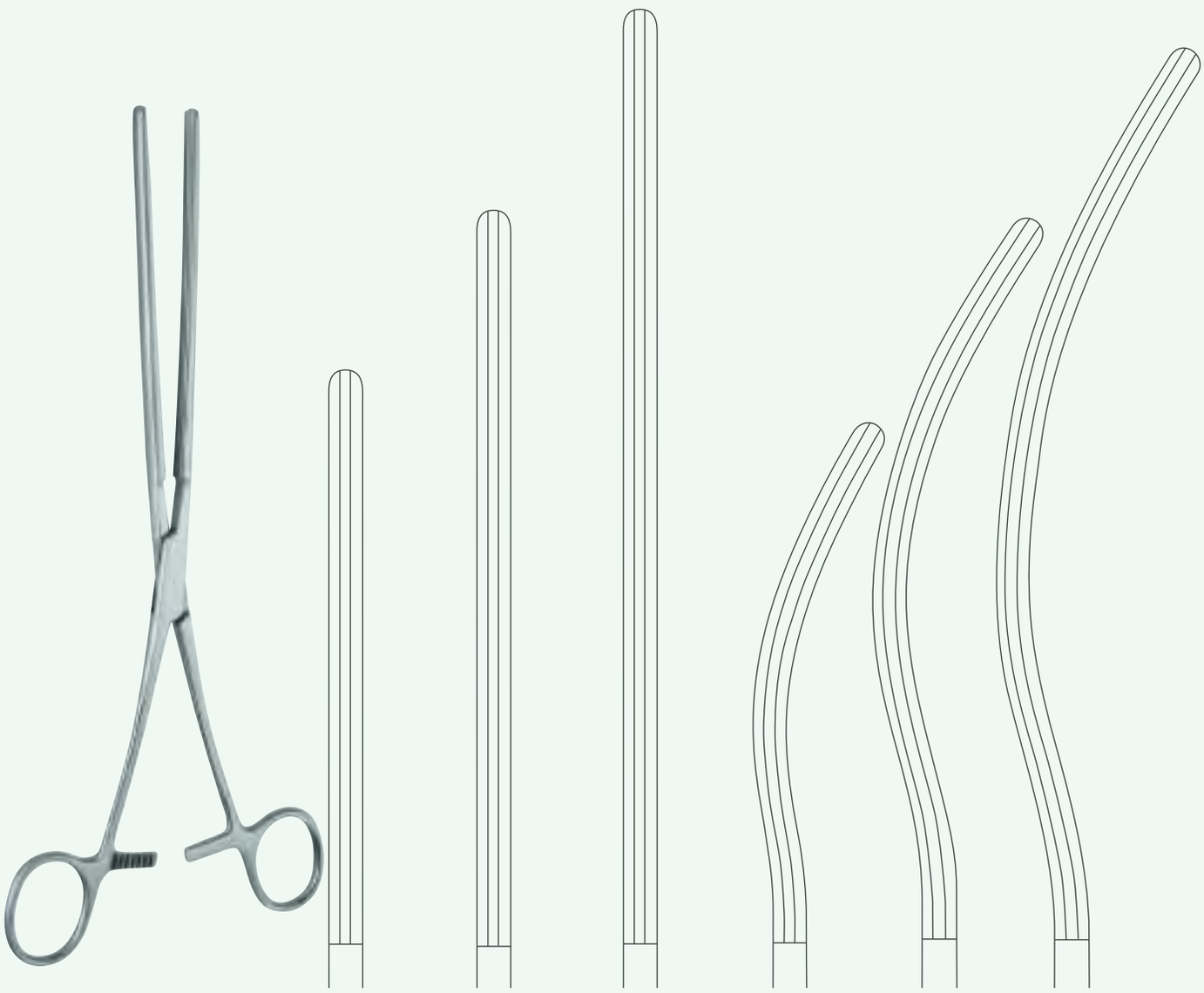
15-220-16
16 cm - 6 ¼"



15-221-20
20 cm - 8"



15-222-25
25 cm - 9 ¾"



Kocher

15-223-22	15-224-25	15-225-28	15-226-22	15-227-25	15-228-28
22 cm - 8 ¾"	25 cm - 9 ¾"	28 cm - 11"	22 cm - 8 ¾"	25 cm - 9 ¾"	28 cm - 11"





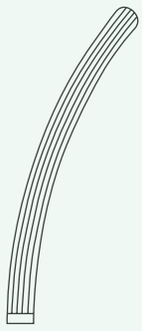
Allen

15-229-15	15 cm - 6"

1 x 2
Intestinal clamp for children
Darmklemme für Kinder
Pinza intestinal para niños
Pince intestinal pour enfants
Pinza intestinale per bambini







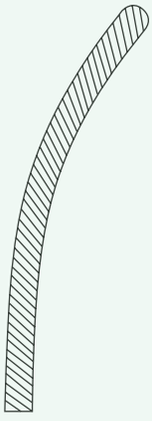
Baby-Kocher

15-230-13	15-231-13	13 cm - 5"

Intestinal clamp for children, very elastic blades
Darmklemme für Kinder, sehr elastisch
Pinza intestinal para niños, muy elastica
Pince intestinal pour enfants, très élastique
Pinza intestinale per bambini, molto elastica





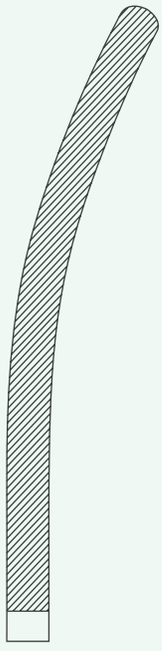


Baby-Doyen

15-232-18	15-233-18	18 cm - 7"

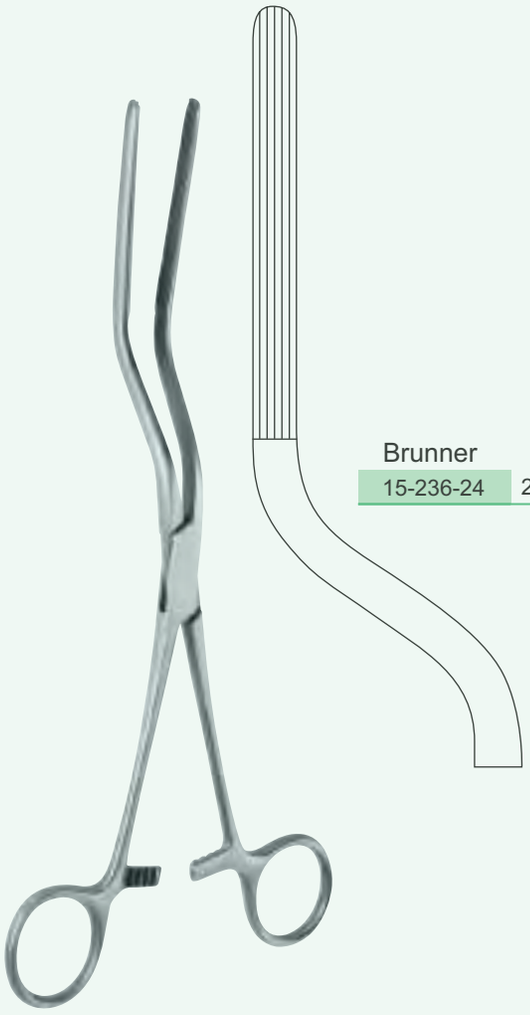






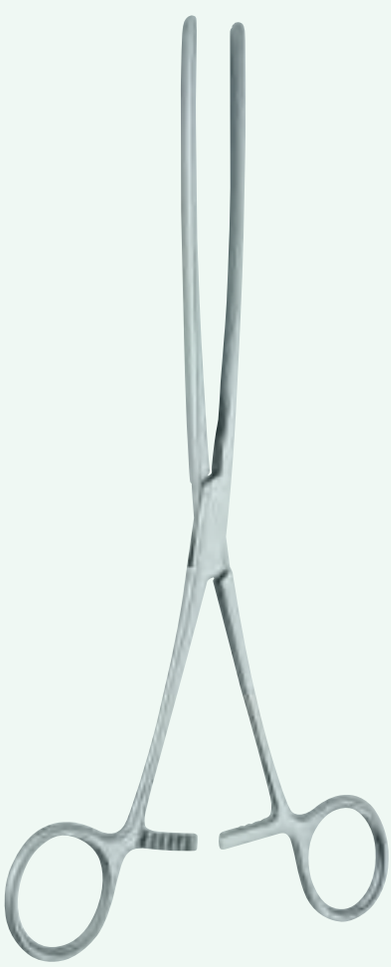
Doyen

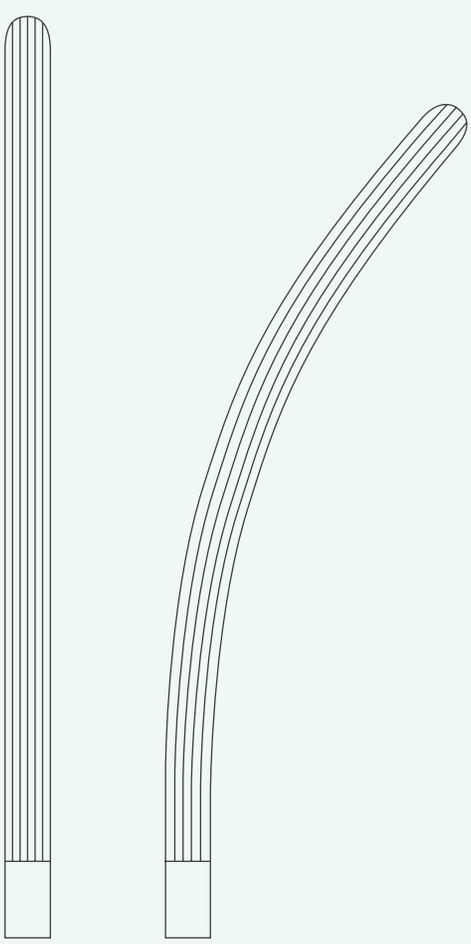
15-234-21	15-235-21	21 cm - 8 ¼"
15-234-23	15-235-23	23 cm - 9"
15-234-28	15-235-28	28 cm - 11"



Brunner

15-236-24 24 cm - 9 ½"



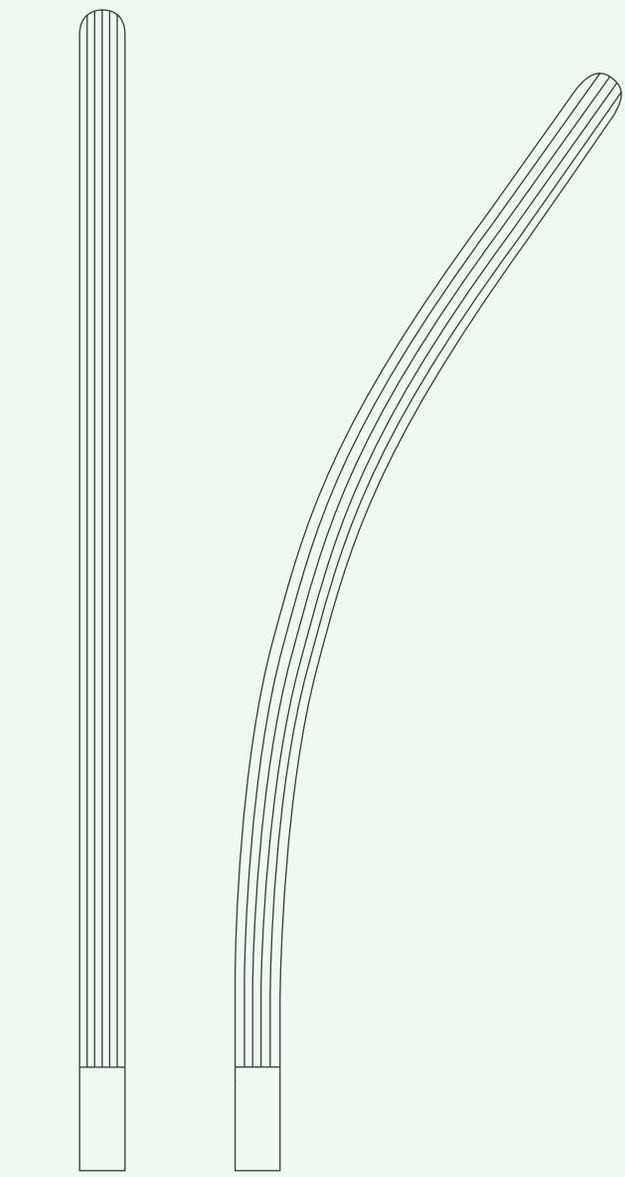


Mayo-Robson

15-237-25

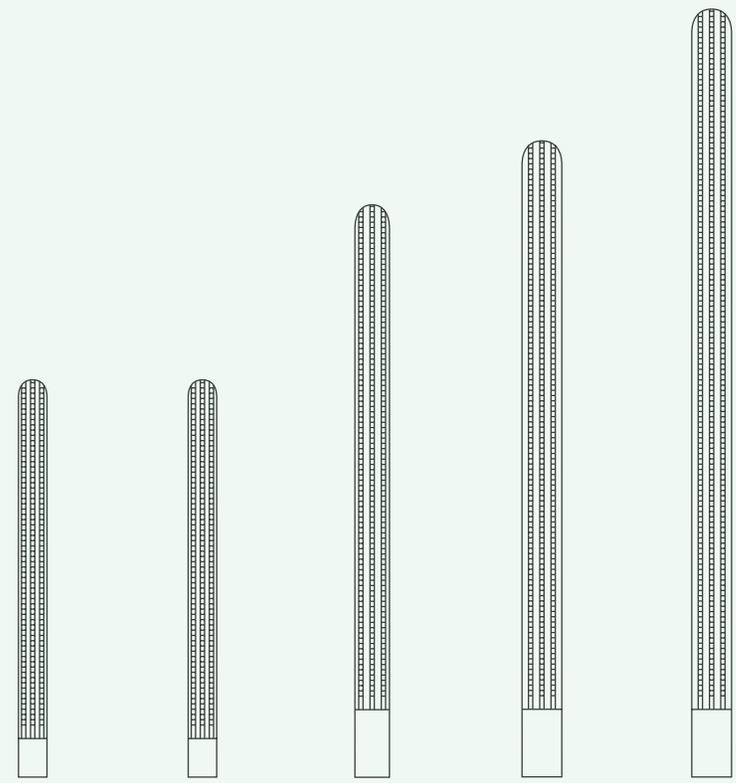
15-238-25 25 cm - 9 ½"





Lane		
15-239-30	15-240-30	30 cm - 12"

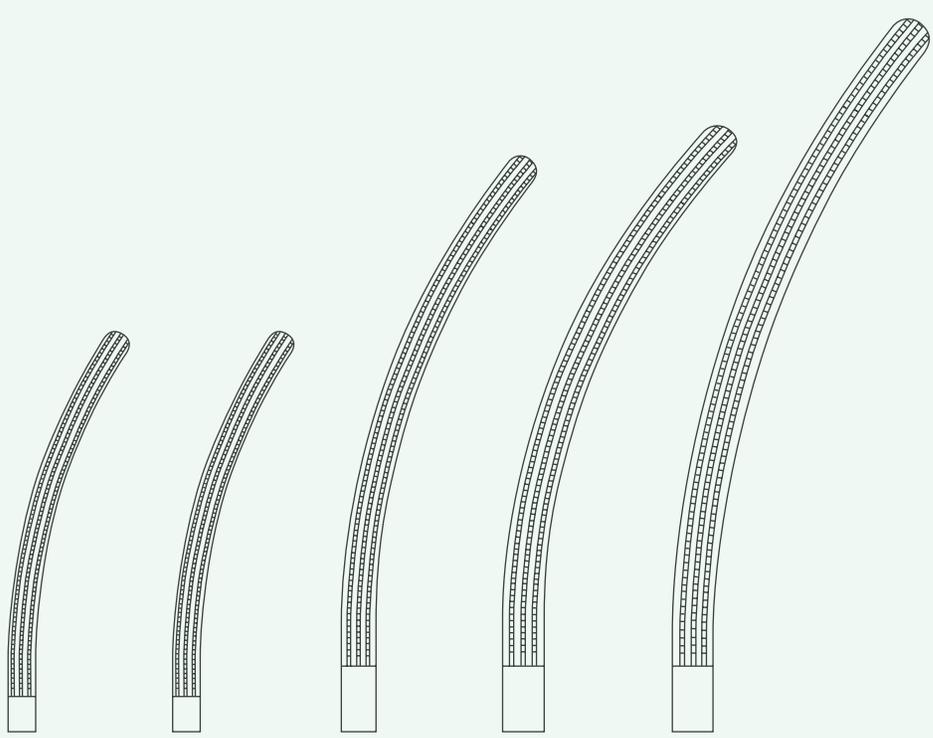




Doyen

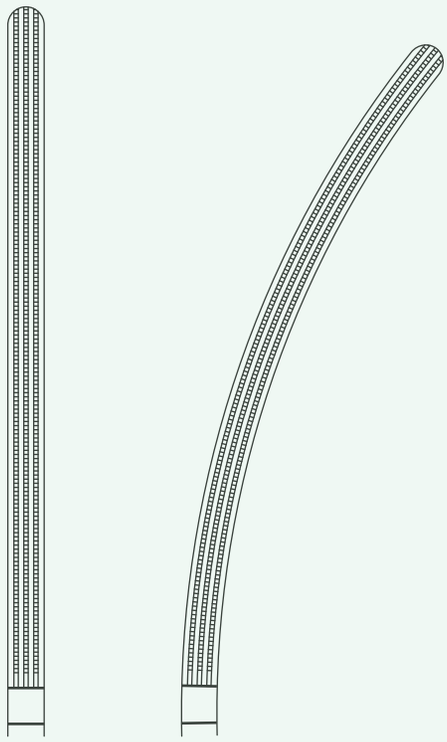
15-241-14	15-242-16	15-243-18	15-244-21	15-245-23
14 cm - 5 ½"	16 cm - 6 ¼"	18 cm - 7"	21 cm - 8 ¼"	23 cm - 9"

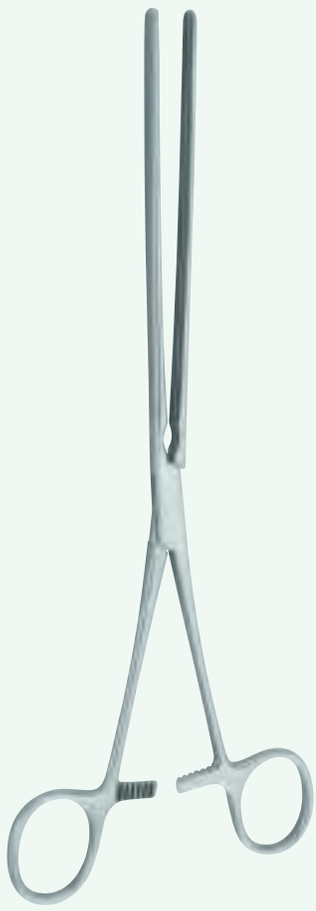




Doyen

15-246-14	15-247-16	15-248-18	15-249-21	15-250-23
14 cm - 5 ½"	16 cm - 6 ¼"	18 cm - 7"	21 cm - 8 ¼"	23 cm - 9"

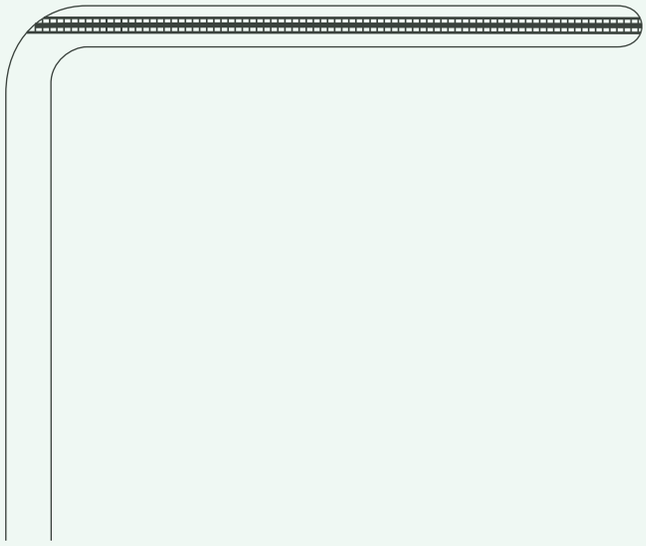




Mayo-Robson

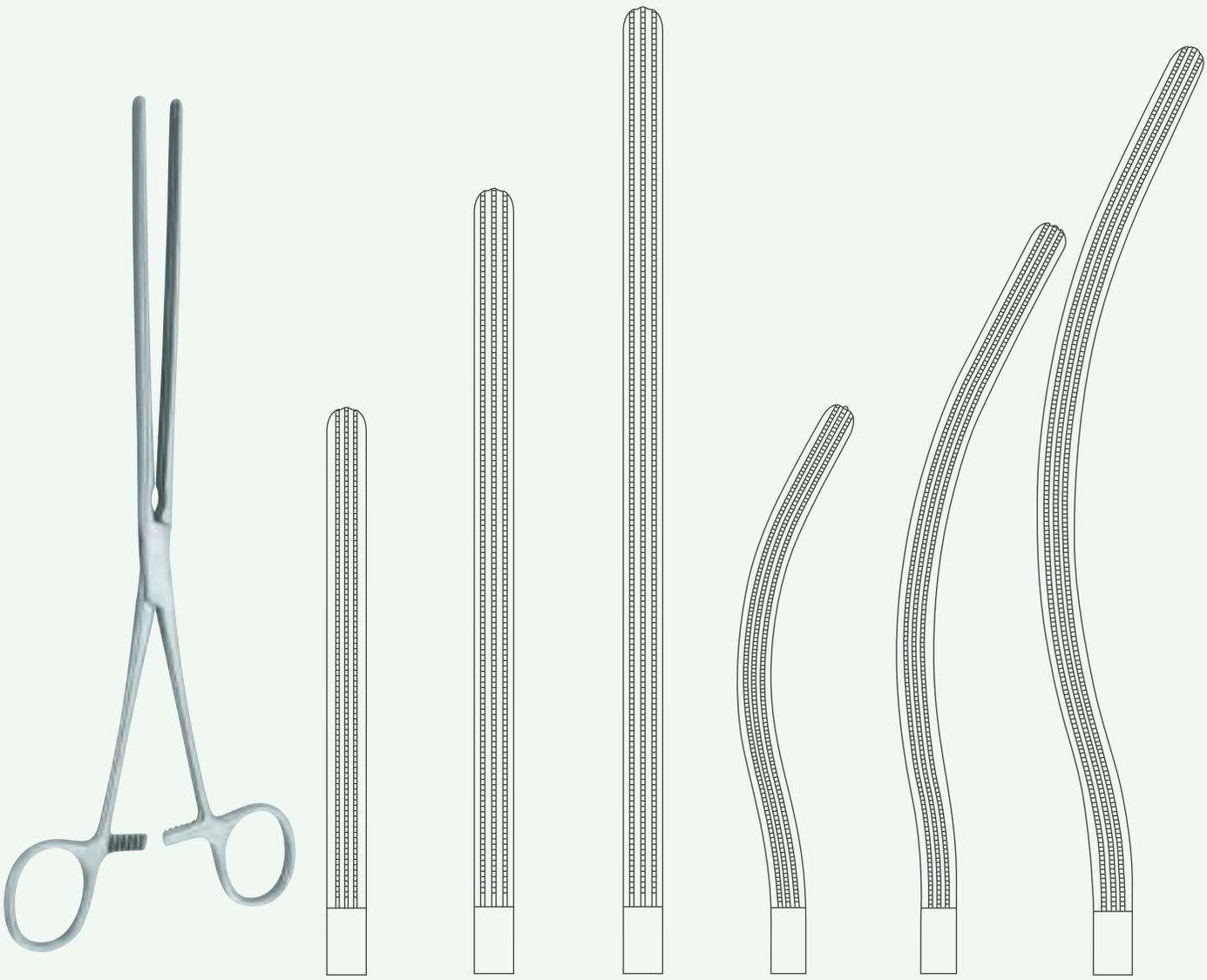
15-251-25	15-252-25	25 cm - 9 ¾"





Resano

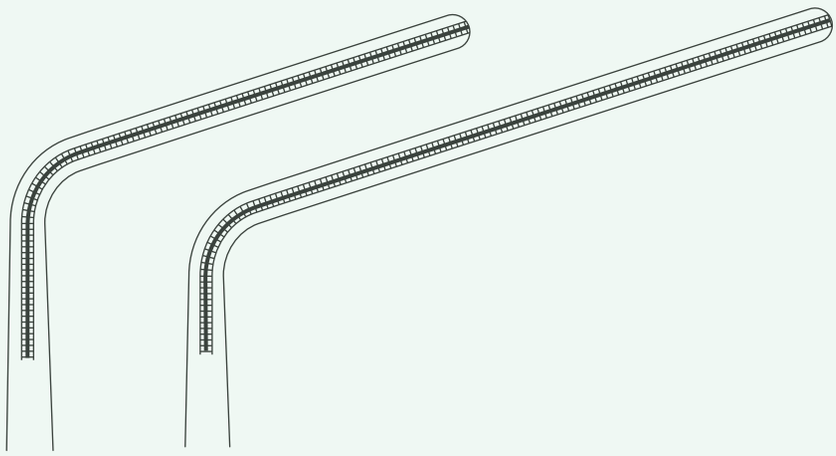
15-259-30	30 cm - 12"



Kocher

15-253-22	15-254-25	15-255-28	15-256-22	15-257-25	15-258-28
22 cm - 8 ¾"	25 cm - 9 ¾"	28 cm - 11"	22 cm - 8 ¾"	25 cm - 9 ¾"	28 cm - 11"

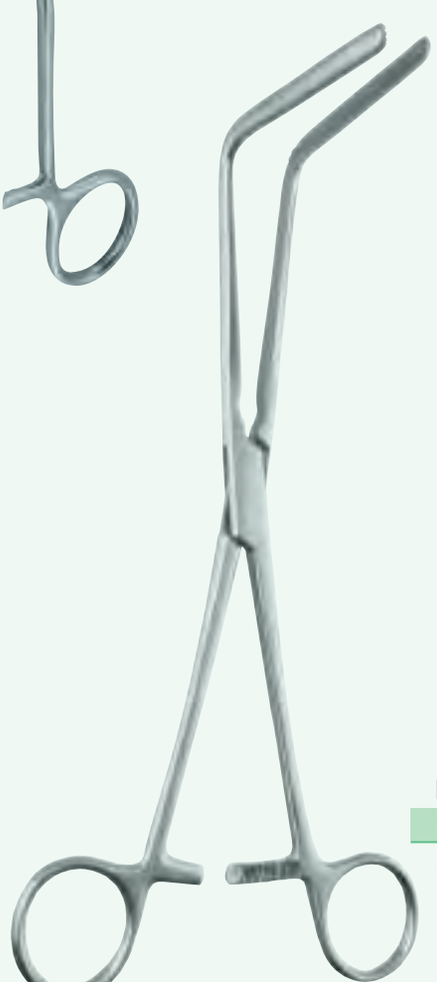


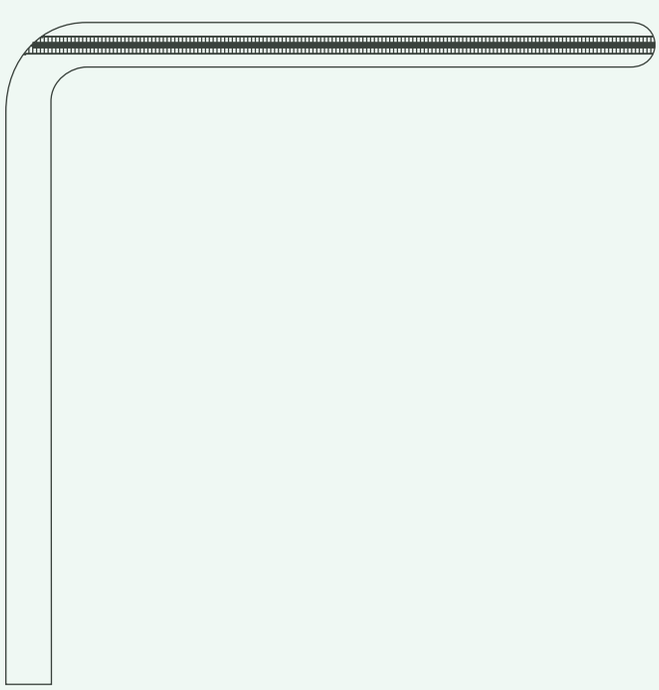


Hayes

15-260-26
26 cm - 10 ¼"

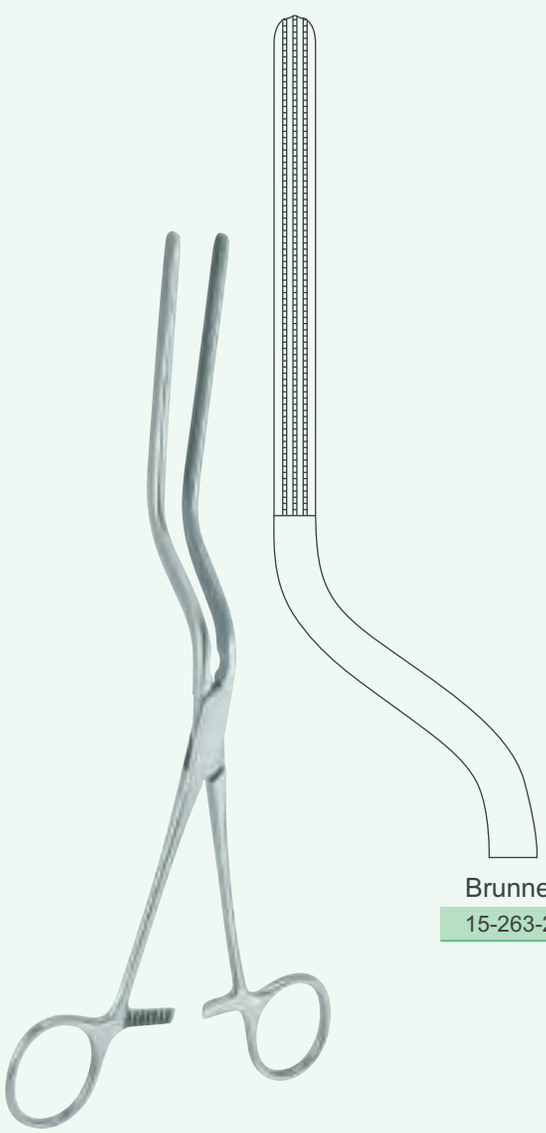
15-261-28
28 cm - 11"





Fehland

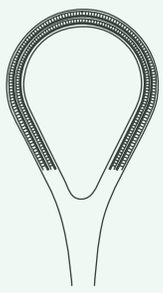
15-262-24
24 cm - 10 ½"



Brunner

15-263-24	24 cm - 9 ½"





Maxter
Fig. 1

15-264-25	25 cm - 9 ¾"

Organfasszange mittel,250 mm
Organ grasping forceps medium, 250 mm
Pince medium pour saisir des organes,250 mm
Pinzamediano para sacarórganos,250 mm
Pinze per aerrare organi, 250 mm

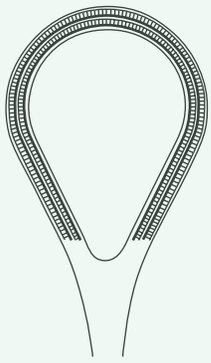
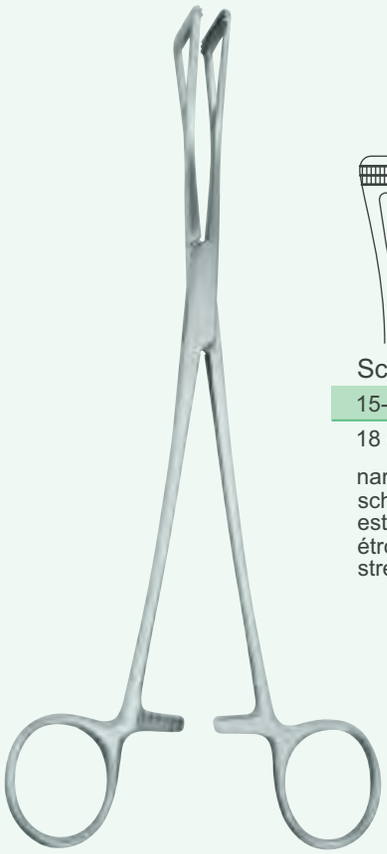


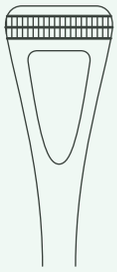
Fig. 2

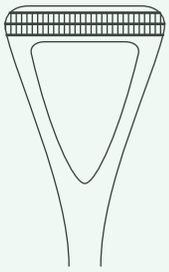
15-265-26	26 cm - 10 ¼"

Organ grasping forceps large, 260 mm
Organfasszange gross, 260 mm
Pinza grande para sacar órganos, 260 mm
Pince grande pour saisirdes organes, 260 mm
Pinze per aerrare organi, 260 mm





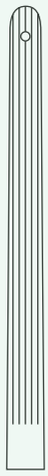




Scheibe

15-266-18	15-267-20	15-268-23
18 cm - 7"	20 cm - 8"	23 cm - 9"
narrow schmal estrecho étroit stretto	medium mittel mediano moyen medio	wide breit ancho large largo



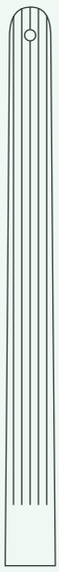


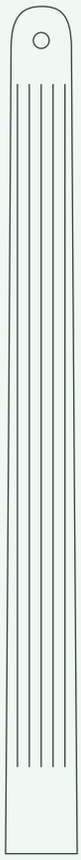
Payr-Baby

15-269-15 | 15 cm - 6"

with pin
mit Stift
con pivote
avec cheville
con perno







Payr

15-270-21 | 21 cm - 8 ¼"

15-271-29 | 29 cm - 11 ½"

with pin
mit Stift
con pivote
avec cheville
con perno



De Martel

15-272-08

8.5 cm - 3 ¼"



De Martel-Wolfson

15-273-23 23 cm - 9"



De Martel-Wolfson

15-274-26 26 cm - 10 ¼"









De Martel-Wolfson

15-275-05 5 cm - 2"

15-276-07 7 cm - 2 ¾"

15-277-10 10 cm - 4"

Set of 3 clamps
Satz mit 3 Klemmen
Juego de 3 pinzas
Jeu de 3 clamps
Serie di 3 pezzi



Sims

15-278-00

x = 8 cm x 1.5 cm



15-279-00

x = 8 cm x 1.5 mm



Mathieu

15-280-19 19.5 cm - 7 ¾"

x = 90 mm



Pratt

15-281-20	20.5 cm - 8"

x = 8 cm x 2.5 cm



Pratt

15-282-22	22 cm - 8 ¾"

x = 11 cm x 2.5 cm



Ives-Fansler

15-283-09	

x = 9 cm



Kelly

15-284-01	2.1 cm Ø
15-284-02	2.7 cm Ø

x = 5 cm



Bensaude

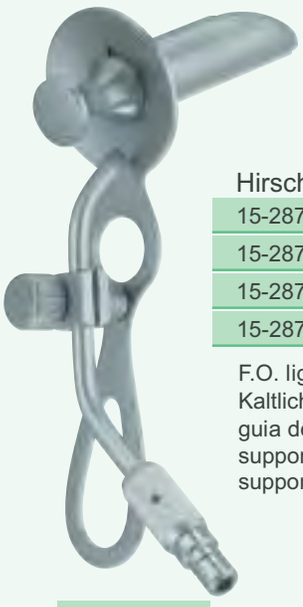
15-285-01	2 cm Ø
15-285-02	2.3 cm Ø

18.5 cm - 7 ¼"
x = 5.5 cm



Hirschmann

15-286-06	1.6 cm Ø	x = 6 cm
15-286-01	1.9 cm Ø	x = 7 cm
15-286-02	2.2 cm Ø	x = 9 cm



Hirschmann

15-287-01	1.6 cm Ø
15-287-02	1.9 cm Ø
15-287-03	2.4 cm Ø
15-287-04	2.5 cm Ø

F.O. light carrier, Wolf
Kaltlichtaufsatz, Wolf
guia de luzfría, Wolf
support lumière froide, Wolf
supporto per luce fredda, Wolf

15-288-00

Cold light,
Kaltlichtadapter,
Adaptator luz fria,
Adapteur lum. froide,
Adattatore luce freddo,

Rectal specula
Analspreizer
Espéculos rectales
Spéculums pour le rectum
Divaricatore anale

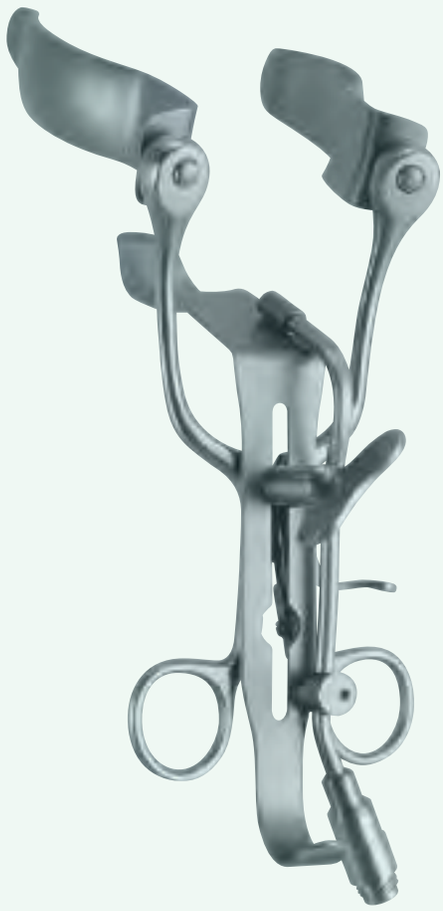


Smith-Buie

15-289-15	15 cm - 6"

x = 75 mm x 23 mm
Max. spreed 115 mm
Max. Spreizweite 115 mm
Apertura máxima 115 mm
Écartement maximal 115 mm
Apertura massima 115 mm





Alan Parks

15-290-00

complete with 2 pair of blades and 1 center blade
komplett mit 2 Paar Valven und 1 Mittelvalve
completo con 2 juegos de valvas y 1 valva central
complet avec 2 paires des valves et 1 valve centrale
completo con 2 paia di valve e 1 valva centrale

15-291-14 14 cm - 5 ½"

complete with 2 pairs of blades and 1 center blade, with cold light connector Wolf
komplett mit 2 Paar Valven und 1 Mittelvalve, mit Kaltlichtanschluss Wolf
completo con 2 juegos de valvas y 1 valva central, con connector de luz fría Wolf
complet avec 2 paires des valves et 1 valve centrale, avec raccord de lum. froide Wolf
completo con 2 paia di valve e 1 valva centrale, con attacco di luce fredda Wolf

15-292-02 2.2 cm x 7.5 cm

Lateral blades only (pair)
Seitenvalven alleine (Paar)
Valvas laterales solas (par)
Valves latérales seules (paire)
Valve laterali solo (paio)

15-293-02

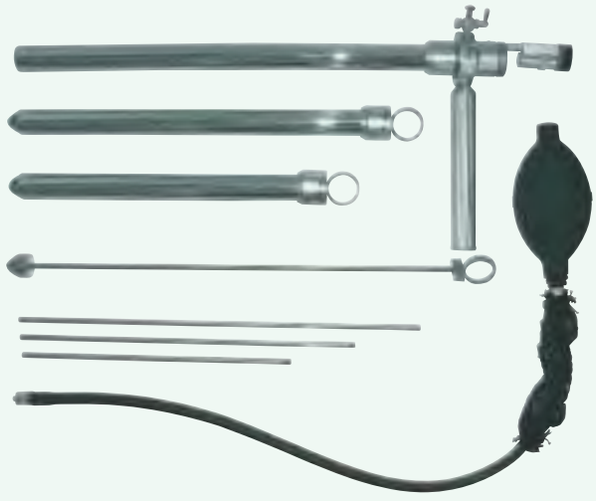
F.O. light carrier
Kaltlicht-Aufsatz
Soporte de luz fría
Support lumière froide
Supporto per luce fredda

15-294-02 2.2 cm x 9.5 cm

Lateral blades only (pair)
Seitenvalven alleine (Paar)
Valvas laterales solas (par)
Valves latérales seules (paire)
Valve laterali solo (paio)

15-295-02 2.5 cm x 9.5 cm

Central blade only
Mittelvalve alleine
Valva central sola
Valve centrale seule
Valva centrale solo



Strauss

15-296-00

Cold-light rectoscope, complete:
F/O Rectoscope-head with two-way stop cock, lens cover and telescope handle,
3 rectoscope-tubes 20 mm Ø 200mm, 250 mm and 300mm
with obturator and F/O light-carrier Wolf, with double blower, with cold light connection

Kaltlicht-Rektoskop, komplett:
F/O Rektoskopkopf mit Zweiwegehahn, Verschlussdeckel, Teleskop und Gri,
je 1 Rektoskoptubus in 200 mm, 250 mm und 300 mm mit 20 mm Ø,
mit Obturator und F/O Lichtträger Wolf-Anschluss, Doppelgebläse mit Kaltlichteinrichtung

Rectoscopio de luz fria, completo:
F/O cabeza derec toscopio, con robinete protector de lentes, optica y mango,
3 tubos de rectoscopia de 20mm, Ø200mm, 250mm y 300mm de longitud,
con obturador y connector de luz fria Wdf y soplador.

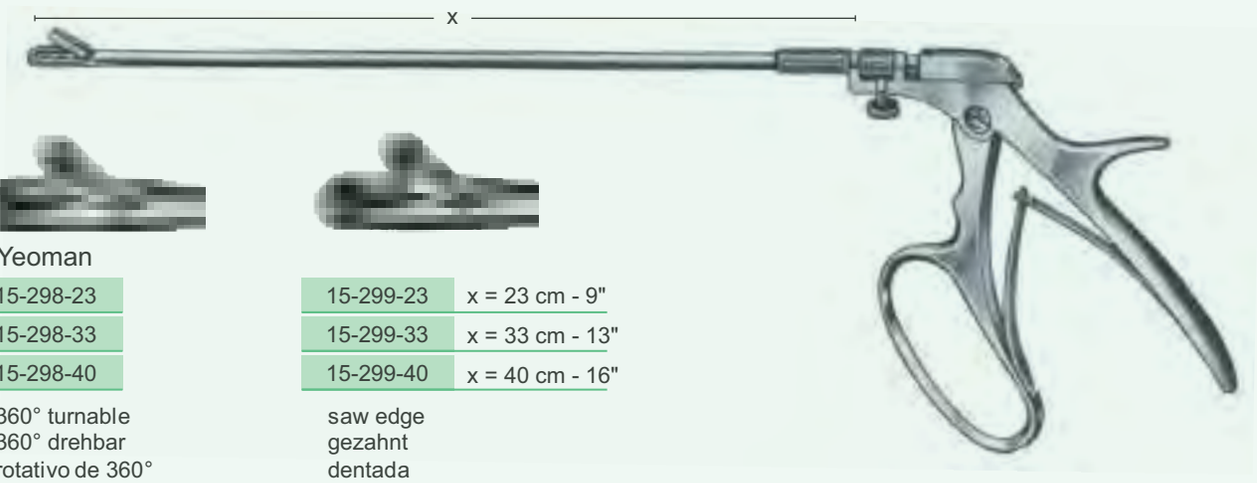
Rectoscope à lumière froide, complet:
F/O tète de rectoscope avec robinet, protecteur de lentille, optique et manche,
3 tubes de rectoscope 20 mm Ø, 200 mm, 250mm et 300 mm de longueur,
avec mandrin et porte-lumière Wolf (F/Q) souffleur et connecteure de lumière froide.

Luce fredda-Re ttoscopio, completo
Testa di rettoscopio con fibre ottiche, con rubinetto a due vie, copri-lente e impugnatura per ottica,
3 tubi per rettoscopio 20 mm Ø, 200mm, 250 mm e 300 mm
con otturatore e cavo luce, insufflatore a doppia palla e connettore per cavo luce, allacciamento Wolf.

Strauss

15-297-00

Cold light connector
Kaltlichtadapter
Raccord de lumière froide
Connector de luz fria
Attacco luce fredda



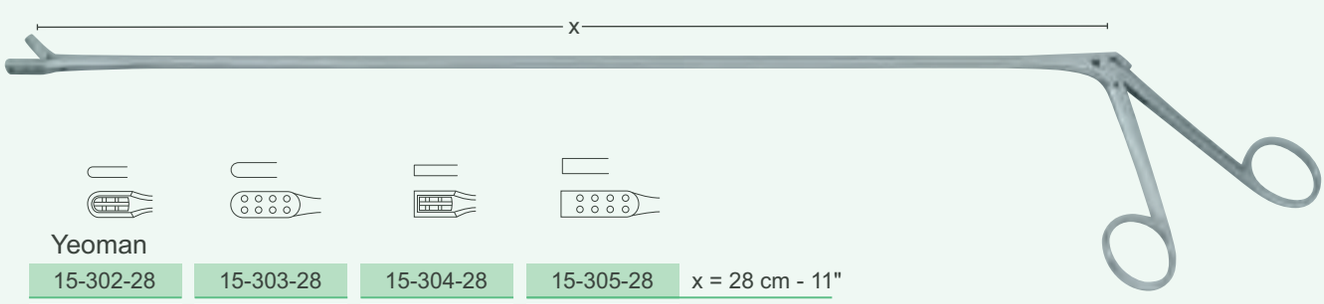
Yeoman

15-298-23	15-299-23	x = 23 cm - 9"
15-298-33	15-299-33	x = 33 cm - 13"
15-298-40	15-299-40	x = 40 cm - 16"
360° turnable 360° drehbar rotativo de 360° rotative à 360° rotativa di 360°	saw edge gezahnt dentada dentelé dentata	



Turrel

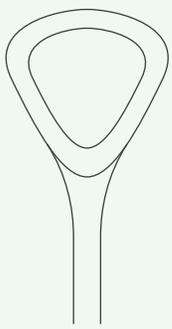
15-300-23	15-301-23	x = 23 cm - 9"
15-300-33	15-301-33	x = 33 cm - 13"
15-300-40	15-301-40	x = 40 cm - 16"
360° turnable 360° drehbar rotativo de 360° rotative à 360° rotativa di 360°	saw edge gezahnt dentada dentelé dentata	



Yeoman

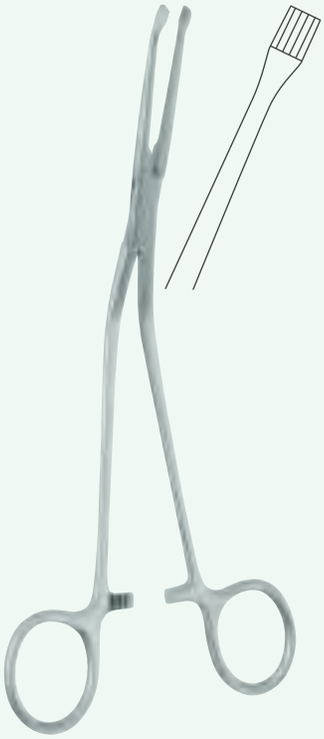
15-302-28	15-303-28	15-304-28	15-305-28	x = 28 cm - 11"
15-302-35	15-303-35	15-304-35	15-305-35	x = 35 cm - 13 ¾"
15-302-42	15-303-42	15-304-42	15-305-42	x = 42 cm - 16 ½"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	





Luer

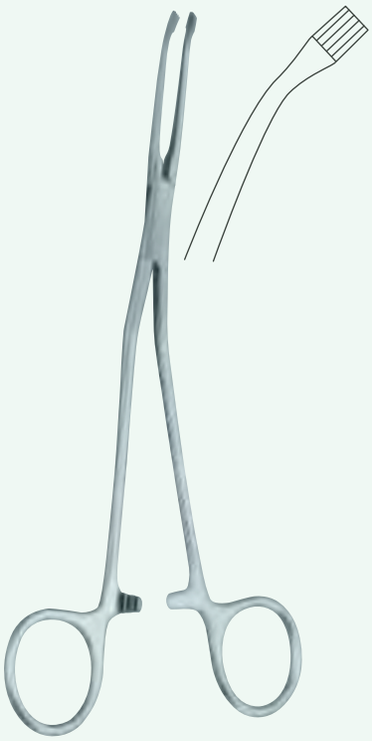
15-330-24	24.5 cm - 9 ¾"



Mc Givney

15-331-00	

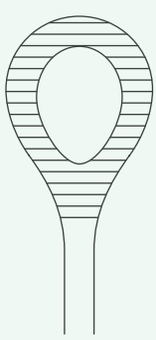
single curved
1x gebogen
curvadosimple
courbé simple
curvatura singola



15-332-19	19 cm - 7 ½"

double curved
2x gebogen
curvado doble
courbé double
curvatura doppia

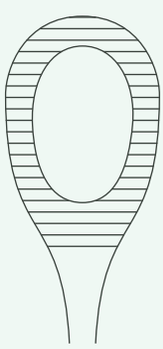




Heywood - Smith

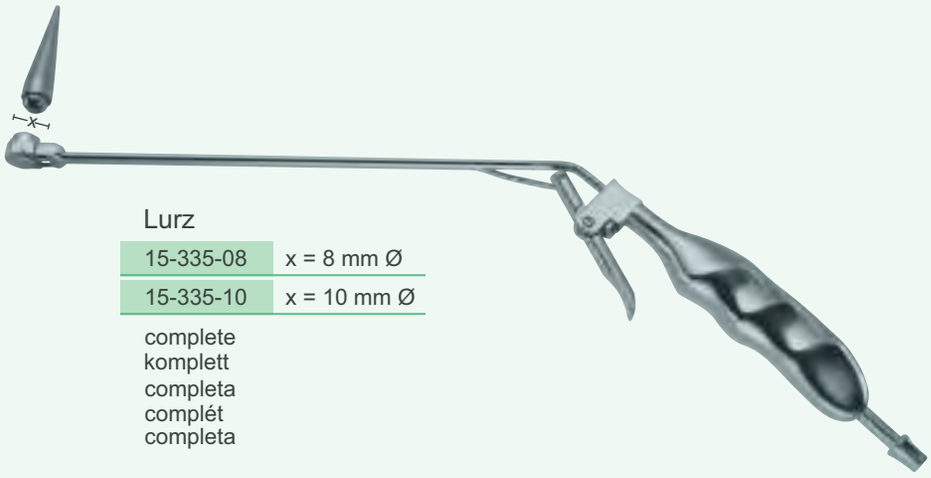
15-333-20	20 cm - 8"





Heywood - Smith

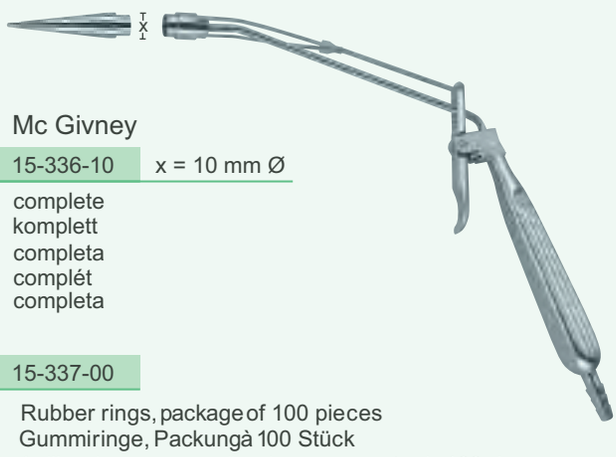
15-334-21	21 cm - 8 ¼"



Lurz

15-335-08	x = 8 mm Ø
15-335-10	x = 10 mm Ø

complete
komplett
completa
complét
completa



Mc Givney

15-336-10	x = 10 mm Ø

complete
komplett
completa
complét
completa



15-337-00

Rubber rings, package of 100 pieces
Gummiringe, Packung à 100 Stück
Anillos de goma para ligaduras, paquete de 100 piezas
Anneaux decaoutchouc à ligatures, paquet de 100 pièces
Anelli di gomma, pacchetto di 100 pezzi



Rudd

15-338-31	15-339-31	31.5 cm - 12 ½"
x = 12 mm Ø	x = 12 mm Ø	
complete	Cone piece only	
komplett	Ladekegel allein	
completa	Cono solo	
complét	Cône seule	
completa	Cono solo	



15-340-00

Rubber rings, package of 100 pieces
Gummiringe, Packung à 100 Stück
Anillos de goma para ligaduras, paquete de 100 piezas
Anneaux decaoutchouc à ligatures, paquet de 100 pièces
Anelli di gomma, pacchetto di 100 pezzi

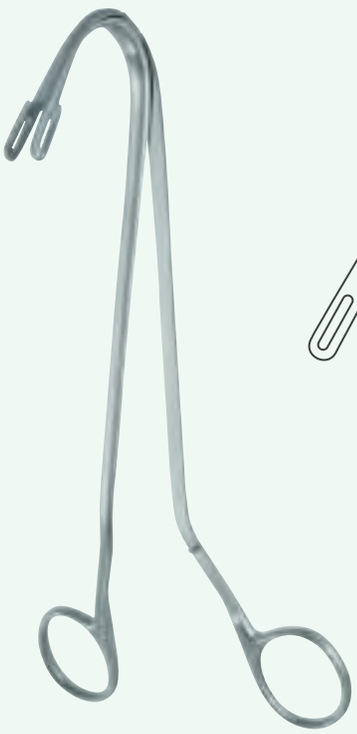
SURGICALINSTRUMENTS

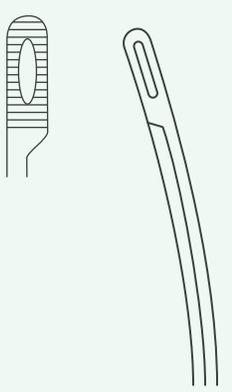


16

Urology
Urologie
Urología
Urologie
Urologia

surgimax™
saving lives

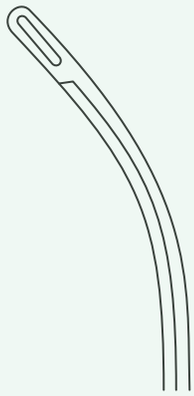




Randall

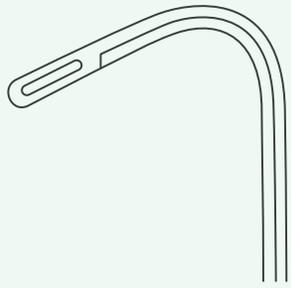
16-400-23

23 cm - 9"
Fig. 1



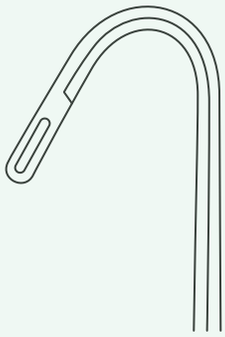
16-401-22

22 cm - 8 ¾"
Fig. 2



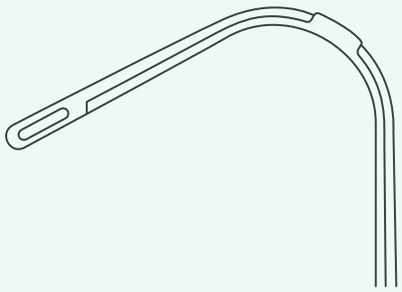
16-402-19

19 cm - 8 ½"
Fig. 3



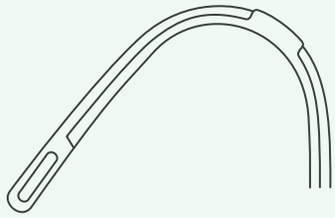
16-403-19

19 cm - 7 ½"
Fig. 1



16-404-19

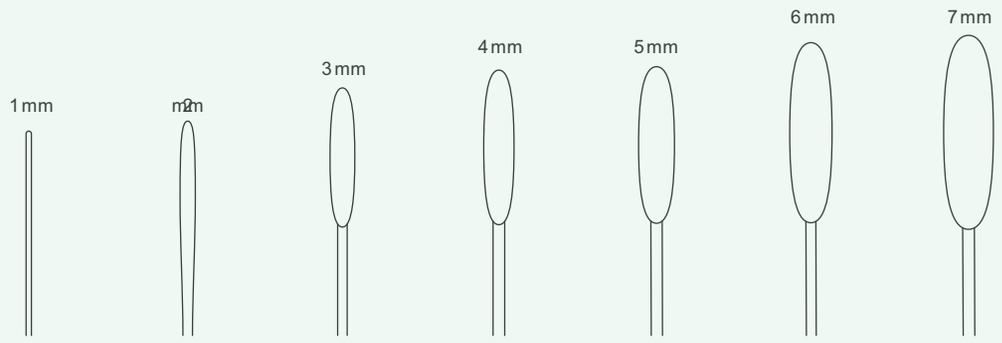
19 cm - 7 ½"
Fig. 2



16-405-19

19 cm - 7 ½"
Fig. 3

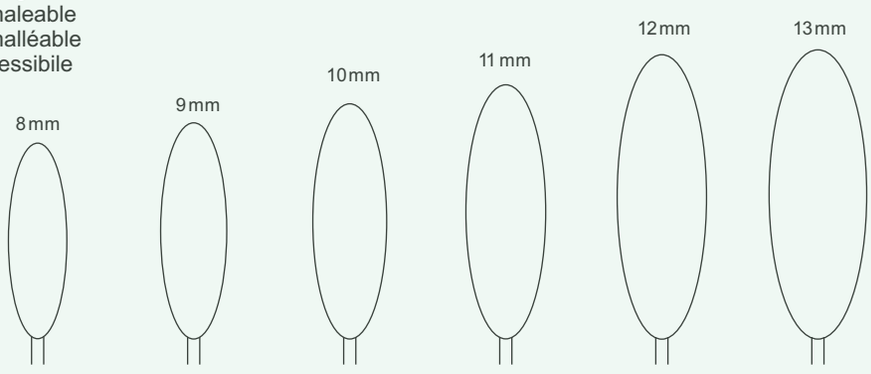




Bakes

16-406-30	16-407-30	16-408-30	16-409-30	16-410-30	16-411-30	16-412-30	30 cm - 12"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7	

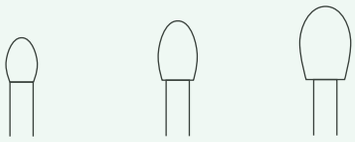
malleable
biegsam
maleable
malléable
flessibile



16-413-30	16-414-30	16-415-30	16-416-30	16-417-30	16-418-30	30 cm - 12"
Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12	Fig. 13	

16-406-00	Complete set of 13 pieces:
	16-406-30 to 16-418-30



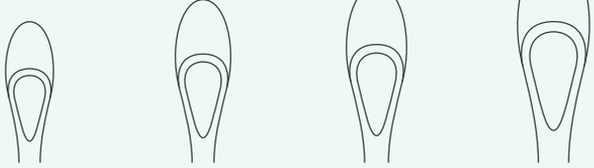


Desjardins

16-419-28	16-420-28	16-421-28	28 cm - 11"
Fig. 1	Fig. 2	Fig. 3	

elastic
federnd
elastica
élastique
elastico





Desjardins

16-422-30	16-423-30	16-424-30	16-425-30	30 cm - 12"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	

elastic
federnd
elastica
élastique
elastico





Moynihan

16-426-34	34 cm - 13 ½"

x = 5 mm

malleable
biegsam
maleable
malléable
flessibile





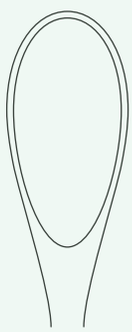



Luer-Koerte

16-427-32	16-428-32	16-429-32	16-430-32	32 cm - 12 ½ "
Fig. 000	Fig. 00	Fig. 0	Fig. 1	

malleable, blunt
biegsam, stumpf
maleable, roma
malléable, mousse
flessibile, smussa





Luer-Koerte

16-431-32	16-432-32	16-433-32	16-434-32	32 cm - 12 ½"
Fig. 2	Fig. 3	Fig. 4	Fig. 5	

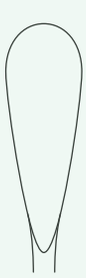
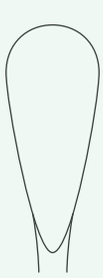
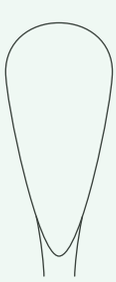
malleable, blunt
biegsam, stumpf
maleable, roma
malléable, mousse
flessibile, smussa



Mayo

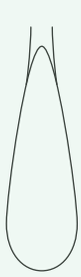
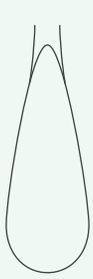
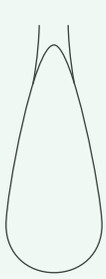
16-435-28	28 cm - 12"

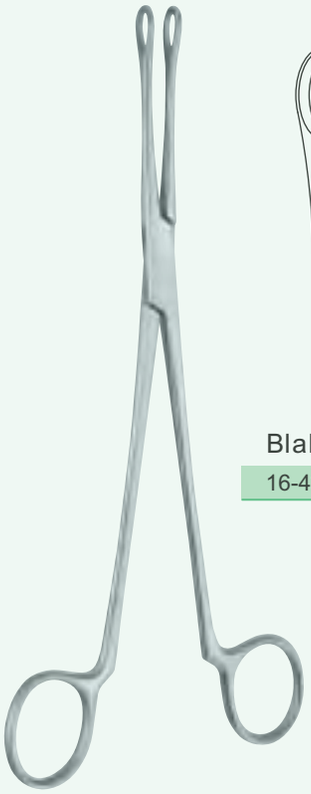


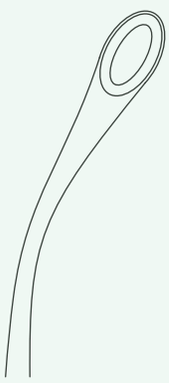
Fergusson

16-436-21	16-437-22	16-438-23
21.5 cm - 8 ½"	22 cm - 8 ¾ "	23.5 cm - 9 ¼"



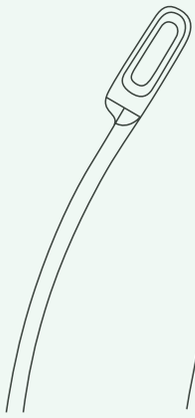


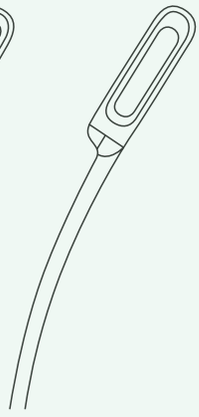


Blake

16-439-20	16-440-20	20 cm - 8"







Desjardins

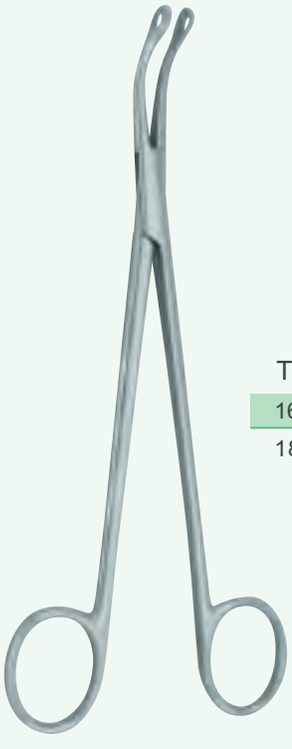
16-441-23	16-442-23	23 cm - 9"

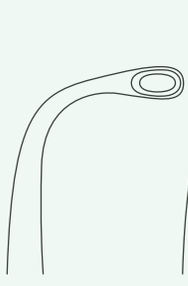




Czerny

16-443-24	24.5 cm - 9 ¾"

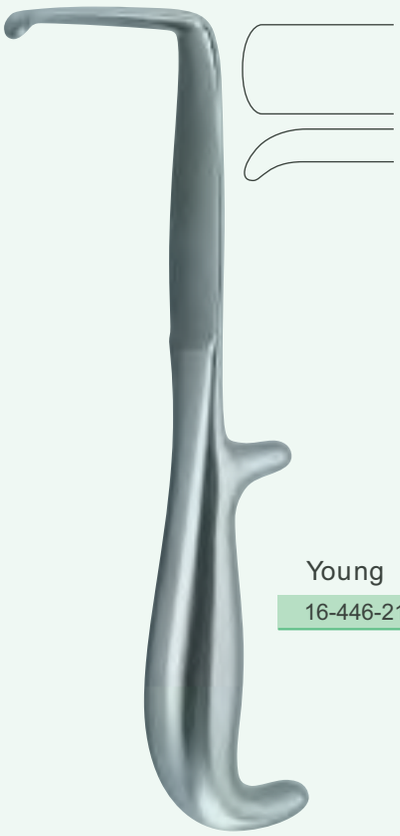






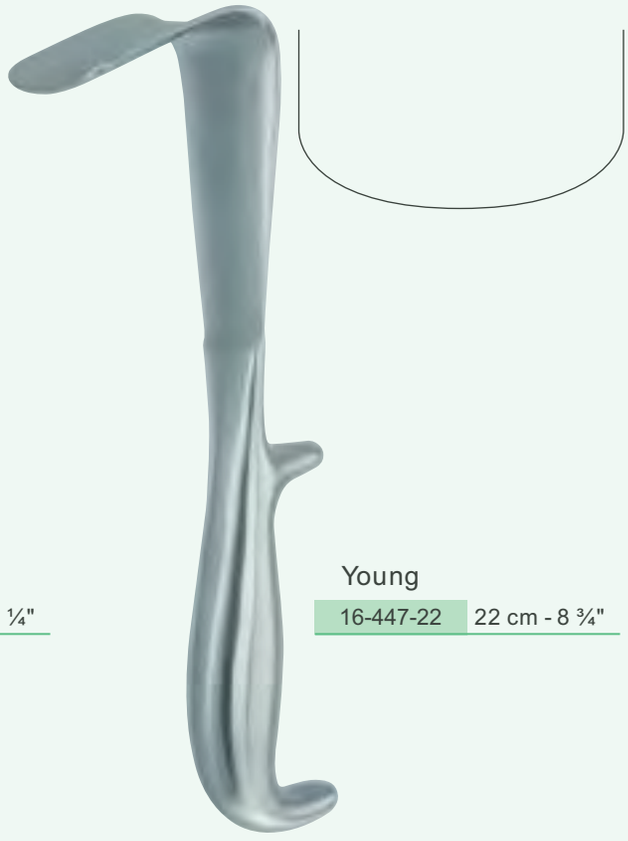
Turner-Warwick

16-444-18	16-445-19
18 cm - 7"	19 cm - 7 ½"



Young

16-446-21 24 cm - 8 ¼"



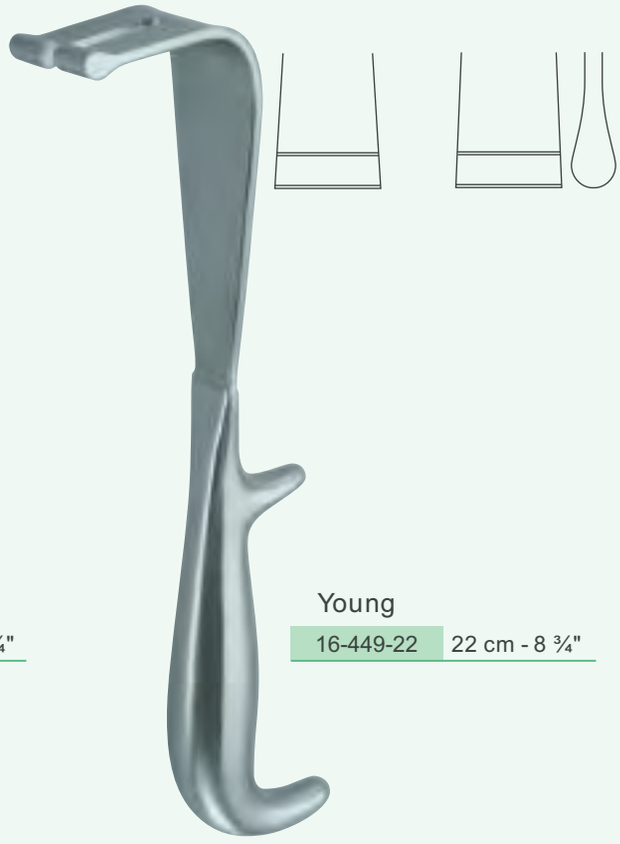
Young

16-447-22 22 cm - 8 ¾"



Young

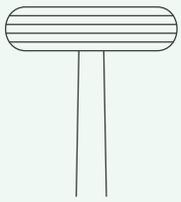
16-448-24 21 cm - 8 ¼"

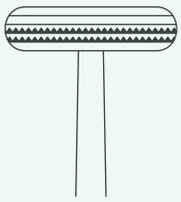


Young

16-449-22 22 cm - 8 ¾"







Millin

16-450-23 — 23 cm - 9"

16-451-23 — 23.5 cm - 9 ¼"

Capsule forceps for retropubic prostatectomy
Kapselfasszange zur retropubischen Prostatektomie
Pinza capsular para la prostatectomía retropúbica
Pince pour saisir les capsules pour la prostatectomie rétropubique
Pinza a capsula per prostatectomia retropubica



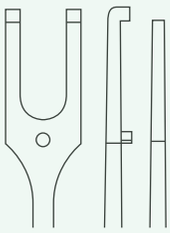
Millin

16-452-23

23 cm - 9"

Prostatic lobe holding forceps
Fasszange für die vorderen Lappen
Pinza para coger los lóbulos anteriores
Pince pour saisir les lambeaux
Pinza da presa per lobo prostatico



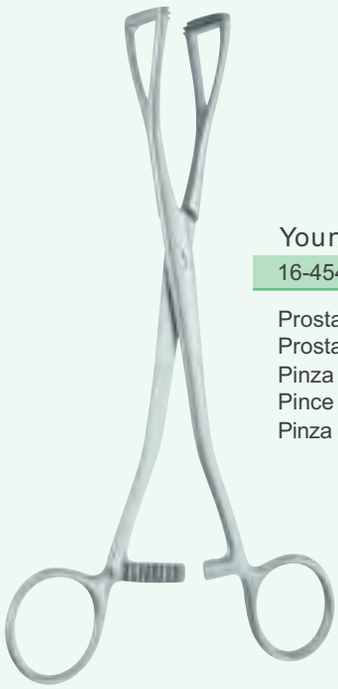


Millin

16-453-24 — 24 cm - 9 ½"

23 cm - 9"

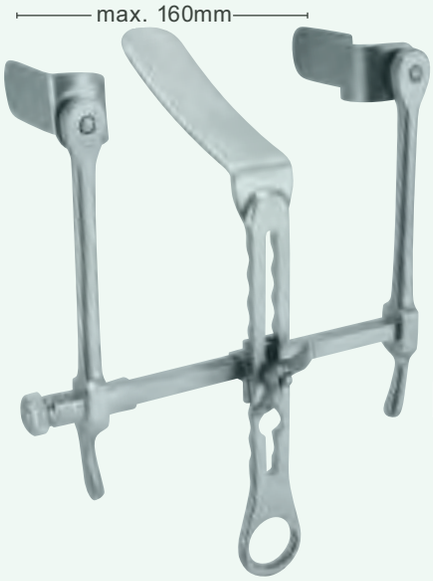
Ligatur carrying forceps
Fadenführungszange
Pinza porta-ligaduras
Pince porte-fil
Pinza per fili di sutura



Young

16-454-20 — 22.5 cm - 8"

Prostate holding forceps
Prostata-Fasszange
Pinza para coger la próstata
Pince pour saisir la prostate
Pinza da presa per lobo prostatico



Thomson-Walker

16-455-00

complete with 2 pairs of lateral blades, 1 central blade
komplett mit 2 Paar Seitenvalven, 1 Mittelvalve
completo con 2 pares de valvas laterales, 1 valva central
complet, avec 2 paires de valves latérales, 1 valve centrale
completo, con 2 paia di valve laterali, 1 valva centrale



Millin

16-456-01	16-457-02	16-458-03	16-459-04	16-460-05
		5.7 cm x 2.5 cm	5 cm x 2.5 cm	12 cm x 4.5 cm
complete	Spreader, only	2 Blades	2 Blades	1 Center blade
komplett	Sperrer, allein	2 Blätter	2 Blätter	1 Mittelblatt
completa	Retracteur, solo	2 Valvas	2 Valvas	1 Valva central
complét	Retracteur, seul	2 Valves	2 Valves	1 Valve centrale
completa	Divaricatore, solo	2 Valve	2 Valve	1 Valva centrale

16-461-00

complete with cold light carrier
komplett mit Kaltlichtaufsatz
completa con guia de luz fria
complét avec guide de lumière froide
completa con portaluce fredda

16-462-00

Cold light carrier
Kaltlichtaufsatz
Guia de luz fria
Guide de lumière froide
Porta luce fredda, solo



Legueu
16-463-00



Judd-Masson
16-464-00



Legueu
16-465-27 27 cm - 10 ¾"
x = 3.5 cm



Kocher
16-466-26 26 cm - 10 ¼"
x = 6.7 cm



Millin
16-467-28
28.5 cm - 11¼"



Dittel

16-468-01	2 ⅔ mm Ø	8 Charr./Fr.
16-468-02	2 mm Ø	9 Charr./Fr.
16-468-03	3 ⅓ mm Ø	10 Charr./Fr.
16-468-04	3 ⅔ mm Ø	11 Charr./Fr.
16-468-05	4 mm Ø	12 Charr./Fr.
16-468-06	4 ⅓ mm Ø	13 Charr./Fr.
16-468-07	4 ⅔ mm Ø	14 Charr./Fr.
16-468-08	5 mm Ø	15 Charr./Fr.
16-468-09	5 ⅓ mm Ø	16 Charr./Fr.
16-468-10	5 ⅔ mm Ø	17 Charr./Fr.
16-468-11	6 mm Ø	18 Charr./Fr.
16-468-12	6 ⅓ mm Ø	19 Charr./Fr.
16-468-13	6 ⅔ mm Ø	20 Charr./Fr.
16-468-14	7 mm Ø	21 Charr./Fr.
16-468-15	7 ⅓ mm Ø	22 Charr./Fr.
16-468-16	7 ⅔mm Ø	23 Charr./Fr.
16-468-17	8 mm Ø	24 Charr./Fr.
16-468-18	8 ⅓ mm Ø	25 Charr./Fr.
16-468-19	8 ⅔ mm Ø	26 Charr./Fr.
16-468-20	9 mm Ø	27 Charr./Fr.
16-468-21	9 ⅓ mm Ø	28 Charr./Fr.
16-468-22	9 ⅔ mm Ø	29 Charr./Fr.
16-468-23	10 mm Ø	30 Charr./Fr.
16-468-24	10 ⅔ mm Ø	32 Charr./Fr.
16-468-25	11 mm Ø	33 Charr./Fr.
16-468-26	11 ⅓ mm Ø	34 Charr./Fr.
16-468-27	12 mm Ø	36 Charr./Fr.

22 cm - 8 ¾"

straight
gerade
recta
droit
rette

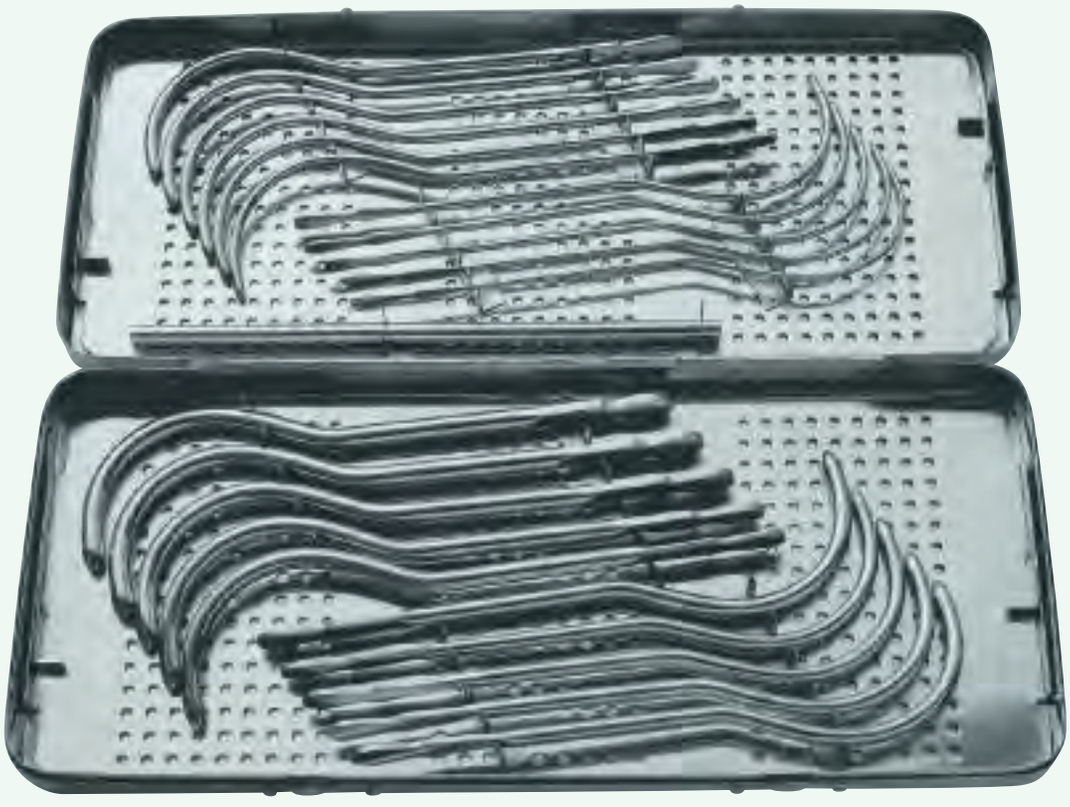


Dittel

16-469-01	2 ⅔ mm Ø	8 Charr./Fr.
16-469-02	2 mm Ø	9 Charr./Fr.
16-469-03	3 ⅓ mm Ø	10 Charr./Fr.
16-469-04	3 ⅔ mm Ø	11 Charr./Fr.
16-469-05	4 mm Ø	12 Charr./Fr.
16-469-06	4 ⅓ mm Ø	13 Charr./Fr.
16-469-07	4 ⅔ mm Ø	14 Charr./Fr.
16-469-08	5 mm Ø	15 Charr./Fr.
16-469-09	5 ⅓ mm Ø	16 Charr./Fr.
16-469-10	5 ⅔ mm Ø	17 Charr./Fr.
16-469-11	6 mm Ø	18 Charr./Fr.
16-469-12	6 ⅓ mm Ø	19 Charr./Fr.
16-469-13	6 ⅔ mm Ø	20 Charr./Fr.
16-469-14	7 mm Ø	21 Charr./Fr.
16-469-15	7 ⅓ mm Ø	22 Charr./Fr.
16-469-16	7 ⅔ mm Ø	23 Charr./Fr.
16-469-17	8 mm Ø	24 Charr./Fr.
16-469-18	8 ⅓ mm Ø	25 Charr./Fr.
16-469-19	8 ⅔ mm Ø	26 Charr./Fr.
16-469-20	9 mm Ø	27 Charr./Fr.
16-469-21	9 ⅓ mm Ø	28 Charr./Fr.
16-469-22	9 ⅔ mm Ø	29 Charr./Fr.
16-469-23	10 mm Ø	30 Charr./Fr.
16-469-24	10 ⅔ mm Ø	32 Charr./Fr.
16-469-25	11 mm Ø	33 Charr./Fr.
16-469-26	11 ⅓ mm Ø	34 Charr./Fr.
16-469-27	12 mm Ø	36 Charr./Fr.

22 cm - 8 ¾"

curved
gebogen
curva
courbe
curve



Guyon

16-170-00 42 cm x 17.5 cm x 4 cm

complete, Charr. 10 – 30, in steel case
komplett, Charr. 10–30, im Edelstahl-Etui
completa, Charr. 10 – 30, en caja metalica
complet, Charr. 10 – 30, en étui métallique
completa, Charr. 10 – 30, in astuccio metallico



Otis

16-471-00

complete in wooden case consisting:

16-471-01	1 Dilator
16-471-02	2 Knives
16-471-03	1 Conical tip
16-471-04	1 Flat tip
16-471-05	1 Ball tip



16-471-01
Dilator



16-471-02
Knife



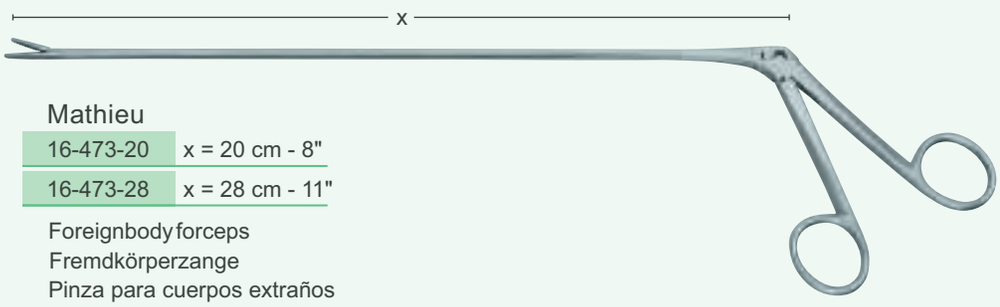
16-471-03
Conical tip



16-471-04
Flat tip



16-471-05
Ball tip



Mathieu

16-473-20 x = 20 cm - 8"

16-473-28 x = 28 cm - 11"

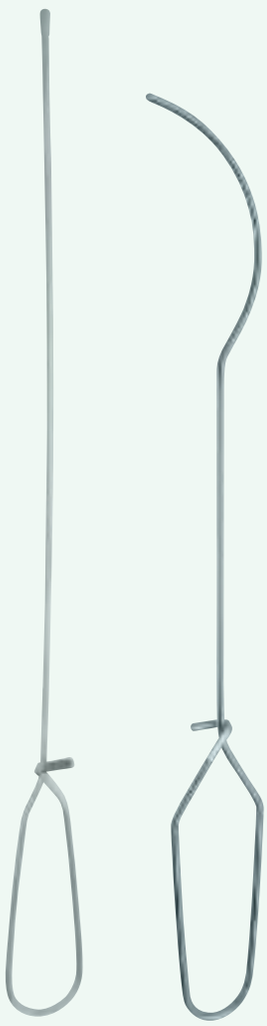
Foreignbody forceps
Fremdkörperzange
Pinza para cuerpos extraños
Pince à corps étrangers
Pinza per corpi estranei



Haken

16-474-16 16 cm - 6 ¼"

Hook for the spermatic cord
Samenstrang-Haken
Grancho para el cordón espermático
Crochet pour le cordon spermatique
Uncino per dotto spermatico



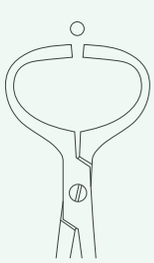
Guyon

16-475-39 39 cm - 15 ½"

16-476-35 35 cm - 13 ¾"

Mandrin for rubber catheters
Katheterspanner
Mandril para catéteres
Mandrin pour cathéters
Introduttore per catheteri

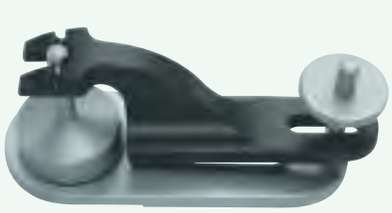




Williamson

16-477-14 14.5 cm - 5 ¾"

Fixation clamp for the spermatic cord
zum Fixieren des Samenstranges
Pinza con rosca para fijación el cordon espermático
Pince à vis pour fixation du cordon spermatique
Pinza con vite per fissare il funicolo spermatico



Blacke

16-478-01	8 mm Ø
16-478-02	11 mm Ø
16-478-03	13 mm Ø
16-478-04	16 mm Ø
16-478-05	21 mm Ø
16-478-06	26 mm Ø
16-478-07	32 mm Ø

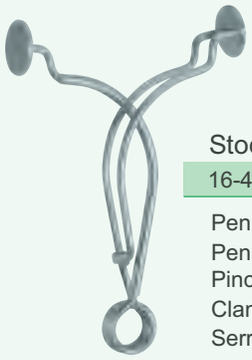
Circumcisioninstrument
Beschneidungsklemme
Instrumento para circuncisión
Instrument de circoncision
Strumento di circoncisione



Morgan

16-479-07	7.5 cm - 3"

Circumcisioninstrument
Beschneidungsklemme
Instrumento para circuncisión
Instrument de circoncision
Strumento di circoncisione



Stockmann

16-480-00

Penisklemme
Penisclamp
Pince pour le pénis
Clamp para el pene
Serrapene



Strauss

16-481-00

Penisklemme
Penisclamp
Pince pour le pénis
Clamp para el pene
Serrapene



17

Gynecology
Gynäkologie
Ginecología
Gynécologie
Ginecologia

surgimax™
saving lives



Cusco

17-601-01	7.5 cm x 3.2 cm	Small
17-601-02	8.5 cm x 3.5 cm	Medium
17-601-03	10 cm x 3.5 cm	Large
17-601-04	7.5 cm x 1.7 cm	Extra small

German pattern



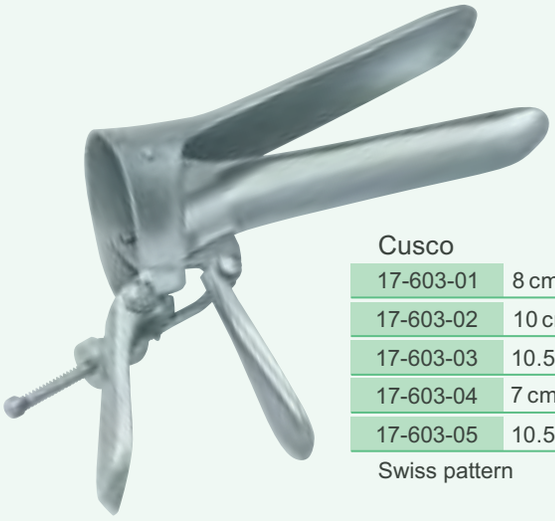
Cusco

17-602-01	7.5 cm x 3.2 cm	Small
17-602-02	8.5 cm x 3.5 cm	Medium
17-602-03	10 cm x 3.5 cm	Large

German pattern

17-602-04	7.5 cm x 3.2 cm	Small
17-602-05	8.5 cm x 3.5 cm	Medium
17-602-06	10 cm x 3.5 cm	Large

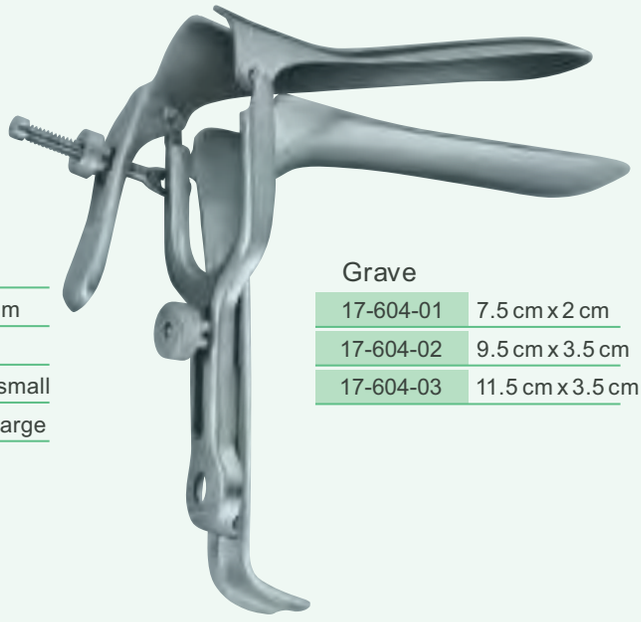
Swiss pattern



Cusco

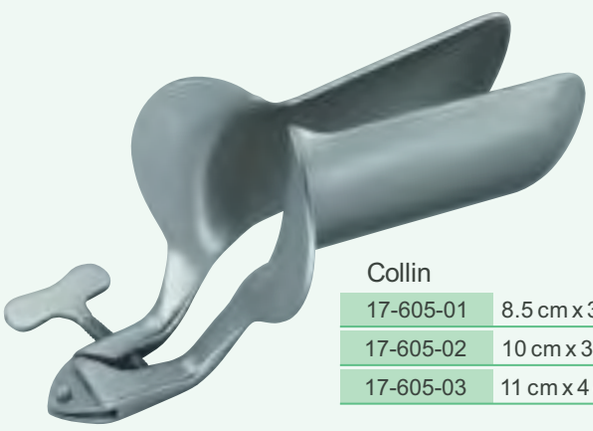
17-603-01	8 cm x 2.2 cm	Small
17-603-02	10 cm x 2.5 cm	Medium
17-603-03	10.5 cm x 2.7 cm	Large
17-603-04	7 cm x 3 cm	Extra small
17-603-05	10.5 cm x 4 cm	Extra large

Swiss pattern



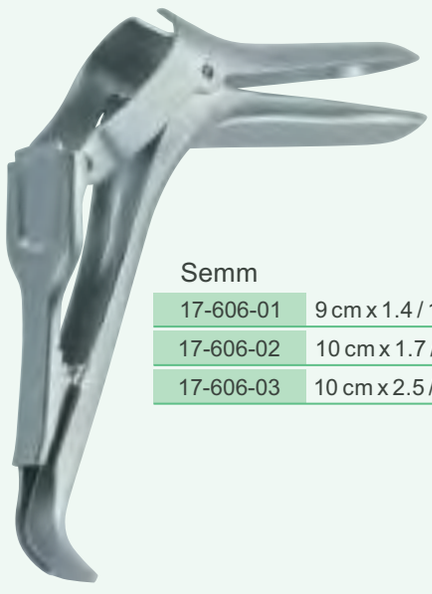
Grave

17-604-01	7.5 cm x 2 cm
17-604-02	9.5 cm x 3.5 cm
17-604-03	11.5 cm x 3.5 cm



Collin

17-605-01	8.5 cm x 3 cm
17-605-02	10 cm x 3.5 cm
17-605-03	11 cm x 4 cm



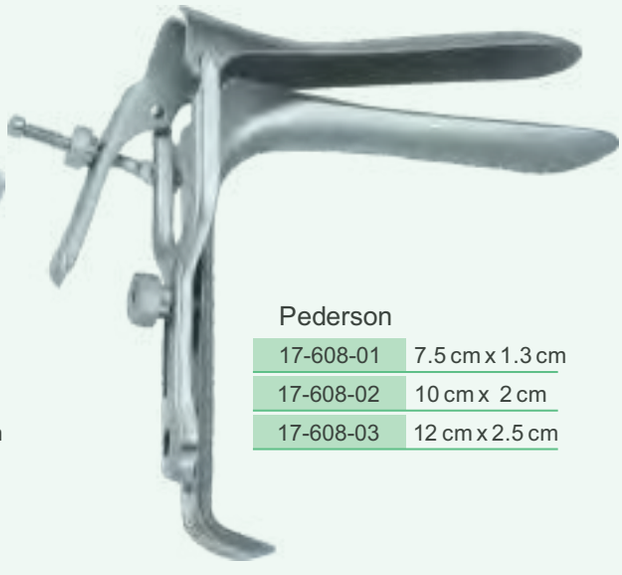
Semm

17-606-01	9 cm x 1.4 / 1.8 cm
17-606-02	10 cm x 1.7 / 2 cm
17-606-03	10 cm x 2.5 / 3 cm



Trelat

17-607-01	8.5 cm x 3 cm
17-607-02	9.5 cm x 3.5 cm
17-607-03	11.5 cm x 4.3 cm



Pederson

17-608-01	7.5 cm x 1.3 cm
17-608-02	10 cm x 2 cm
17-608-03	12 cm x 2.5 cm



Kristeller

17-609-01	7 cm x 2.7 cm
17-609-02	8 cm x 3 cm
17-609-03	9 cm x 3.6 cm
17-609-04	11 cm x 2.7 cm
17-609-05	11 cm x 3 cm
17-609-06	11 cm x 3.6 cm

Speculum
Spekulum
Espéculo
Spéculum
Specolo



Kristeller

17-610-01	7.5 cm x 2.3 cm
17-610-02	8.5 cm x 2.6 cm
17-610-03	10 cm x 3.2 cm
17-610-04	11.5 cm x 2.3 cm
17-610-05	11.5 cm x 2.6 cm
17-610-06	11.5 cm x 3.2 cm

Retractor
Halter
Valva
Valve
Valve



17-611-01
17-611-02
17-611-03
17-611-04
17-611-05
17-611-06

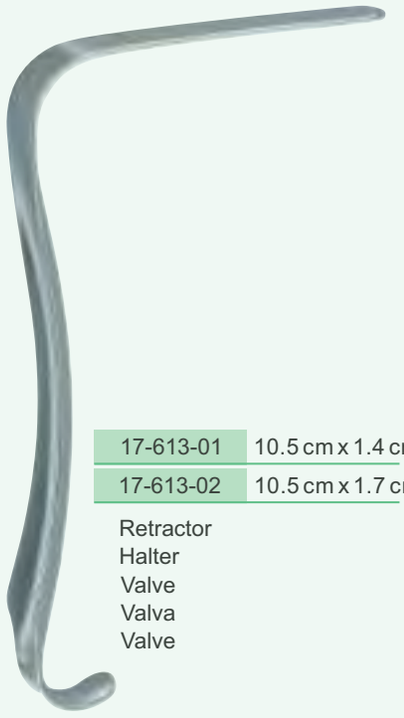
Set
Satz
Juego
Jeu
Serie



Kristeller

17-612-01	10.5 cm x 1.8 cm
17-612-02	10.5 cm x 2.1 cm

Speculum tapered, for virgins
Spekulumkonisch, für Jungfrauen
Espéculoconico, para virgenes
Spéculumconique, pour vierges
Specoloconico, per virgini



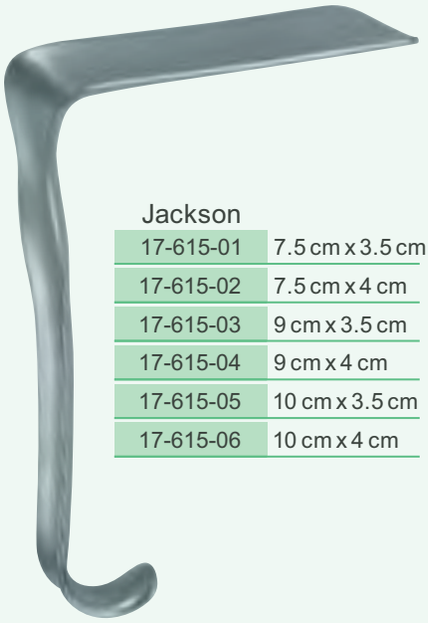
17-613-01	10.5 cm x 1.4 cm
17-613-02	10.5 cm x 1.7 cm

Retractor
Halter
Valve
Valva
Valve



17-614-01
17-614-02

Set
Satz
Jeu
Juego
Serie



Jackson

17-615-01	7.5 cm x 3.5 cm
17-615-02	7.5 cm x 4 cm
17-615-03	9 cm x 3.5 cm
17-615-04	9 cm x 4 cm
17-615-05	10 cm x 3.5 cm
17-615-06	10 cm x 4 cm



Auvard

17-616-22

22 cm - 8 ¾"
8 cm x 3.8 cm



Sims

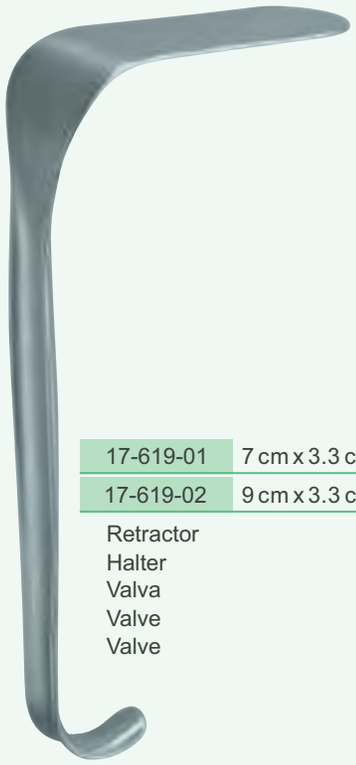
17-617-01	6 cm x 2.5 cm / 3 cm
17-617-02	7 cm x 3 cm / 3.5 cm
17-617-03	8 cm x 3.5 cm / 4 cm
17-617-00	Set of 3



Kallmorgen

17-618-01	7 cm x 4 cm
17-618-02	9 cm x 4 cm

Speculum
Spekulum
Espéculo
Spéculum
Specolo



17-619-01	7 cm x 3.3 cm
17-619-02	9 cm x 3.3 cm

Retractor
Halter
Valva
Valve
Valve



17-620-01
17-620-02

Set
Satz
Juego
Jeu
Serie



Landau

17-621-01	10 cm x 2.8 cm
17-621-02	11 cm x 3.8 cm

29 cm - 11 ½"



Breisky

17-622-01	13 cm x 2 cm
17-622-02	13 cm x 2.5 cm
17-622-03	13 cm x 3 cm
17-622-04	13 cm x 3.5 cm
17-622-05	13 cm x 4 cm

30 cm - 12"
Vienna pattern
Wiener Modell
Modelo Vienna
Modéle Vienne
Modello Vienna



Breisky

17-623-01	10 cm x 2 cm
17-623-02	10 cm x 2.5 cm
17-623-03	10 cm x 3 cm
17-623-04	10 cm x 3.5 cm
17-623-05	10 cm x 4 cm

30 cm - 12"



Breisky

17-624-01	16 cm x 4 cm
17-624-02	18 cm x 4 cm

35 cm - 13 ¾"

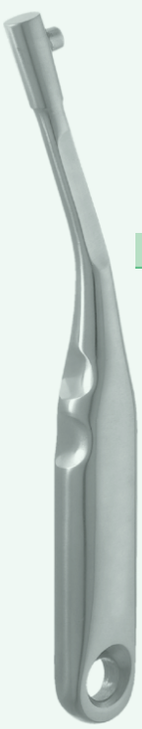


17-625-01	17-626-02	17-627-03	17-628-04	17-629-05
Fig.1 8 cm x 3 cm	Fig.2 8 cm x 3.5 cm	Fig.3 9 cm x 4 cm	Fig.4 5.5 cm x 4 cm / 6 cm	Fig.5 7 cm x 4.5 cm / 7 cm



Scherback

17-631-01	400 g
17-631-02	800 g

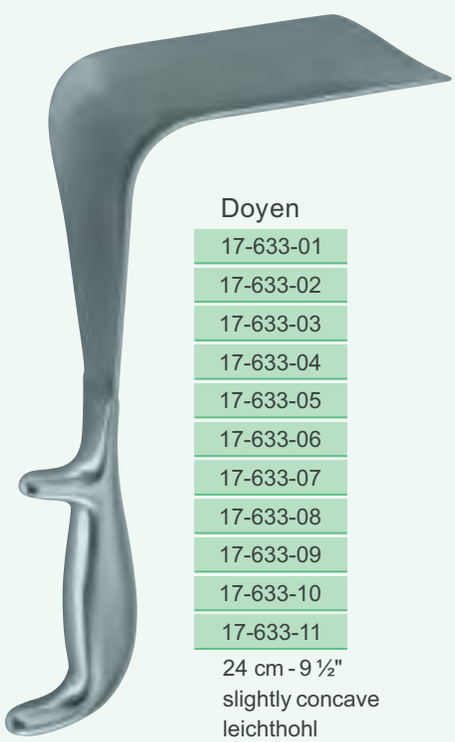


Holder

17-632-00

Set

17-630-00	Set consisting of:
	Blades 17-625-01 to 17-629-05
17-631-01	Scherback 400 g
17-632-00	Holder



Doyen

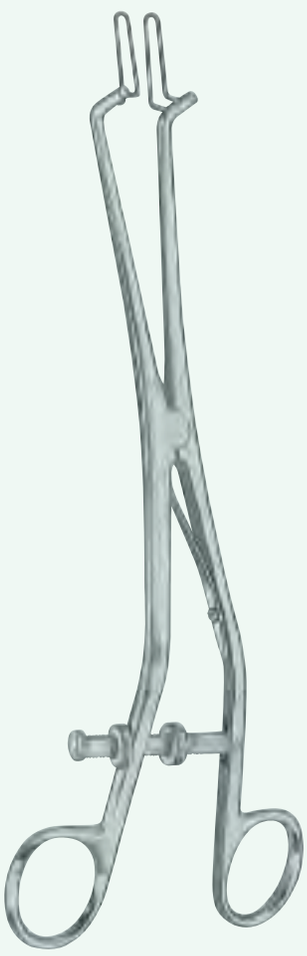
17-633-01	
17-633-02	
17-633-03	
17-633-04	
17-633-05	
17-633-06	
17-633-07	
17-633-08	
17-633-09	
17-633-10	
17-633-11	

24 cm - 9 ½"
slightly concave
leichthohl
ligeramente concava
légèrement concave
legermente concavo



17-634-01	5.5 cm x 3.5 cm
17-634-02	7.5 cm x 3.5 cm
17-634-03	11.5 cm x 3.5 cm
17-634-04	5.5 cm x 4.5 cm
17-634-05	7.5 cm x 4.5 cm
17-634-06	11.5 cm x 4.5 cm
17-634-07	16 cm x 4.5 cm
17-634-08	5.5 cm x 6 cm
17-634-09	7.5 cm x 6 cm
17-634-10	11.5 cm x 6 cm
17-634-11	16 cm x 6 cm

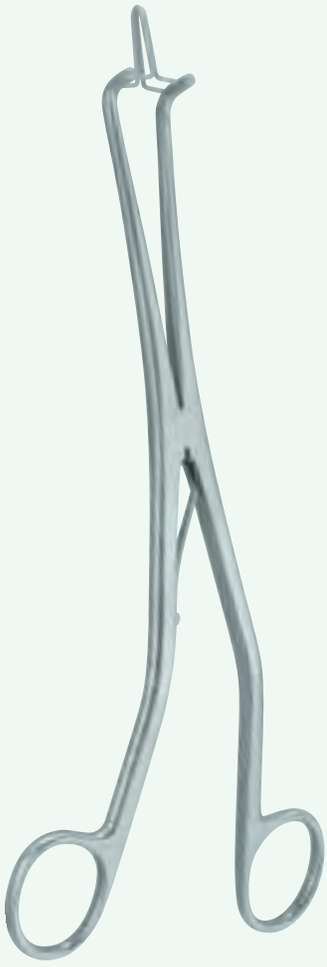
24 cm - 9 ½"
mediumconcave
halbhohl
semi concava
semi concave
semi concavo



Kogan

17-635-24 24 cm - 9 ½"

with scale-ratchet and fixation screw
mit Skalensperre und Stellschraube
con cremallera graduada y tornillo fijación
avec crémaillère à echelle et vis à fixation
con cremagliera graduata e vite di fissaggio



Kogan

17-636-24

24 cm - 9 ½"



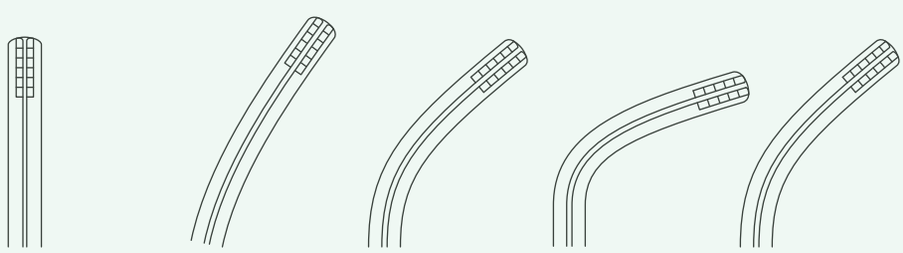
Kogan-modif.

17-637-01 x = 4 mm y = 8 mm

17-637-02 x = 2 mm y = 4 mm

28 cm - 11"



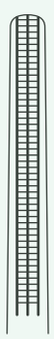


Mazler

17-638-01	17-639-01	17-640-01	17-641-01	17-642-01	21 cm - 8 ¼"
17-638-02	17-639-02	17-640-02	17-641-02	17-642-02	24 cm - 9 ½"
17-638-03	17-639-03	17-640-03	17-641-03	17-642-03	30 cm - 12"
17-638-04	17-639-04	17-640-04	17-641-04	17-642-04	35 cm - 13 ¼"

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

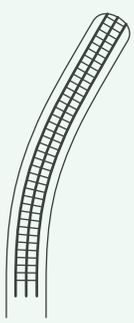




Rogers

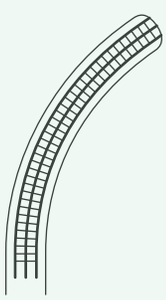
17-643-22

Fig.1
22 cm - 8 ¾"



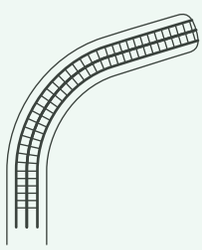
17-644-21

Fig.2
21.5 cm - 8 ½"



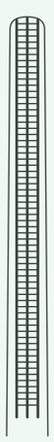
17-645-21

Fig.3
21 cm - 8 ¼"



17-646-20

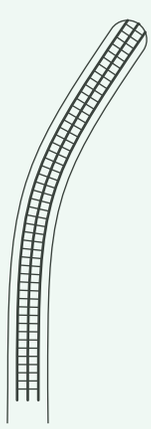
Fig.4
20.5 cm - 8"



Rogers

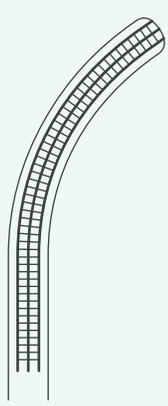
17-647-25

Fig.1
25 cm - 9 ¾"



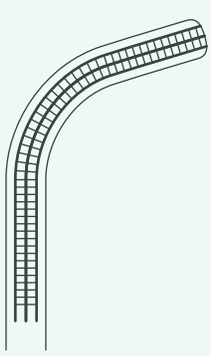
17-648-25

Fig.2
25 cm - 9 ¾"



17-649-24

Fig.3
24.5 cm - 9 ¾"



17-650-23

Fig.4
23 cm - 9"



Valleix

17-651-25

25 cm - 9 ¾"
graduated,with slider
graduiert, mit Schieber
graduado, con cursor
gradué, avec curseur
graduato, con cursore



Galabins

17-363-29

29.5 cm - 11 ¾"
Malleable
Tip Ø 3.6 mm



Martin

17-652-32	17-653-32	32 cm - 12 ½"
rigid	malleable	
fest	biegsam	
rigido	maleable	
rigide	malléable	
rigido	malleabile	



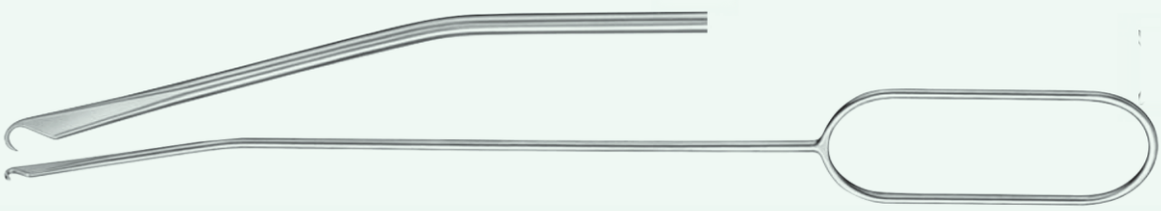
Sims

17-654-32	17-655-32	32 cm - 12 ½"
rigid	malleable	
fest	biegsam	
rigido	maleable	
rigide	malléable	
rigido	malleabile	



Jorge

17-191-09	9.5 cm - 3 ¾"



Saundre

17-407-32	32 cm - 12 ½"



Hegar

17-656-01	1.0 mm Ø
17-656-02	1.5 mm Ø
17-656-03	2.0 mm Ø
17-656-04	2.5 mm Ø
17-656-05	3.0 mm Ø
17-656-06	3.5 mm Ø
17-656-07	4.0 mm Ø
17-656-08	4.5 mm Ø
17-656-09	5.0 mm Ø
17-656-10	5.5 mm Ø
17-656-11	6.0 mm Ø
17-656-12	6.5 mm Ø
17-656-13	7.0 mm Ø
17-656-14	7.5 mm Ø
17-656-15	8.0 mm Ø
17-656-16	8.5 mm Ø
17-656-17	9.0 mm Ø
17-656-18	9.5 mm Ø

17-657-01	10.0 mm Ø
17-657-02	10.5 mm Ø
17-657-03	11.0 mm Ø
17-657-04	11.5 mm Ø
17-657-05	12.0 mm Ø
17-657-06	12.5 mm Ø
17-657-07	13.0 mm Ø
17-657-08	13.5 mm Ø
17-657-09	14.0 mm Ø
17-657-10	14.5 mm Ø
17-657-11	15.0 mm Ø
17-657-12	15.5 mm Ø
17-657-13	16.0 mm Ø
17-657-14	16.5 mm Ø
17-657-15	17.0 mm Ø
17-657-16	17.5 mm Ø
17-657-17	18.0 mm Ø
17-657-18	18.5 mm Ø
17-657-19	19.0 mm Ø
17-657-20	19.5 mm Ø

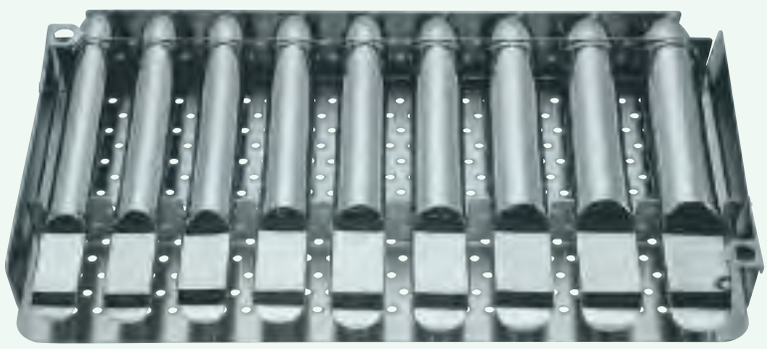
17-658-01	20.0 mm Ø
17-658-02	21.0 mm Ø
17-658-03	22.0 mm Ø
17-658-04	23.0 mm Ø
17-658-05	24.0 mm Ø
17-658-06	25.0 mm Ø
17-658-07	26.0 mm Ø
17-658-08	27.0 mm Ø
17-658-09	28.0 mm Ø
17-658-10	29.0 mm Ø
17-658-11	30.0 mm Ø

Hegar

17-659-01	4 mm - 17 mm Ø	14
17-659-02	1 mm - 26 mm Ø	26

Set, in rexine pouch
Set, im Rexinbeutel
Juego, en bolsa rexine
Set, dans pochette rexine
Set, in busta di rexine

Pieces per set
Stück per Satz
Piezas para juego
Pièces per jeu
Pezzi per serie





Hegar

17-660-01	4 mm - 17 mm Ø	14
17-660-02	1 mm - 26 mm Ø	26

Set, in metal case	Pieces per set
Satz, in Metalletui	Stück per Satz
Juego, ed caja de metal	Piezas para juego
Jeu, en boîte de métal	Pièces per jeu
Serie, con astuccio metallico	Pezzi per serie



Hegar

17-661-01	1 / 2 mm Ø
17-661-02	3 / 4 mm Ø
17-661-03	5 / 6 mm Ø
17-661-04	7 / 8 mm Ø
17-661-05	9 / 10 mm Ø
17-661-06	11 / 12 mm Ø
17-661-07	13 / 14 mm Ø
17-661-08	15 / 16 mm Ø
17-661-09	17 / 18 mm Ø
17-661-10	19 / 20 mm Ø
17-661-11	21 / 22 mm Ø
17-661-12	23 / 24 mm Ø
17-661-13	25 / 26 mm Ø

Hegar

17-662-01	3 / 4 mm - 17 / 18 mm Ø	8
17-662-02	1 / 2 mm - 25 / 26 mm Ø	13

Set, in rexine pouch
Set, im Rexinbeutel
Juego, en bolsa rexine
Set, dans pochette rexine
Set, in busta di rexine

Pieces per set
Stück per Satz
Piezas para juego
Pièces per jeu
Pezzi per serie





Hegar

17-663-01	3 / 4 mm - 17 / 18 mm Ø	8 pieces set

Set in canvas roll
Satz in Stoffrolltasche
Juego en bolsa de tela
Jeu en poche de textile
Serie in astuccio di tela

17-664-01	3 / 4 mm - 17 / 18 mm Ø	8
17-664-02	1 / 2 mm - 25 / 26 mm Ø	13

Set, in metal case
Satz, in Metalletui
Juego, en caja de metal
Jeu, en boîte de métal
Serie, in astuccio metallico

Pieces per set
Stück per Satz
Piezas para juego
Pièces per jeu
Pezzi per serie



Hank

17-665-01	Fig. 19 / 10	4.5 / 5.0 mm Ø
17-665-02	Fig. 11 / 12	5.5 / 6.0 mm Ø
17-665-03	Fig. 13 / 14	6.5 / 7.0 mm Ø
17-665-04	Fig. 15 / 16	7.5 / 8.0 mm Ø
17-665-05	Fig. 17 / 18	8.5 / 9.0 mm Ø
17-665-06	Fig. 19 / 20	9.5 / 10.0 mm Ø

Hank

17-666-01	4.5 / 5mm	9.5 / 10 mm Ø	6

Set, in rexine pouch
Set, im Rexinbeutel
Juego, en bolsa rexine
Set, dans pochette rexine
Set, in busta di rexine

Pieces per set
Stück per Satz
Piezas para juego
Pièces per jeu
Pezzi per serie



Hank

17-667-01	4.5 / 5mm	9.5 / 10 mm Ø	6

Set, in canvas roll
Satz, in Stoffrolltasche
Jeu, en poche de textile
Juego, en bolsa de tela
Serie, in astuccio di tela

Pieces per set
Stück per Satz
Pièces per jeu
Piezas para juego
Pezzi per serie



Braun

17-668-28

28 cm - 11"



Staude-Moore
17-669-17
17 cm - 6 ¾"



Barrett
17-670-18
18 cm - 7"



Skene
17-671-24
24 cm - 9 ½"



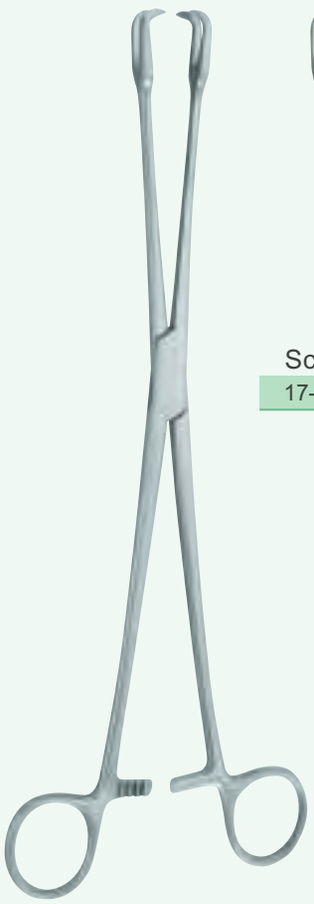
Braun
17-672-25
25 cm - 9 ¾"

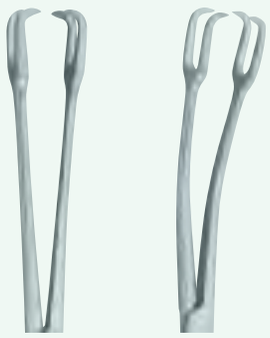


Pozzi
17-673-25
25.5 cm - 10"



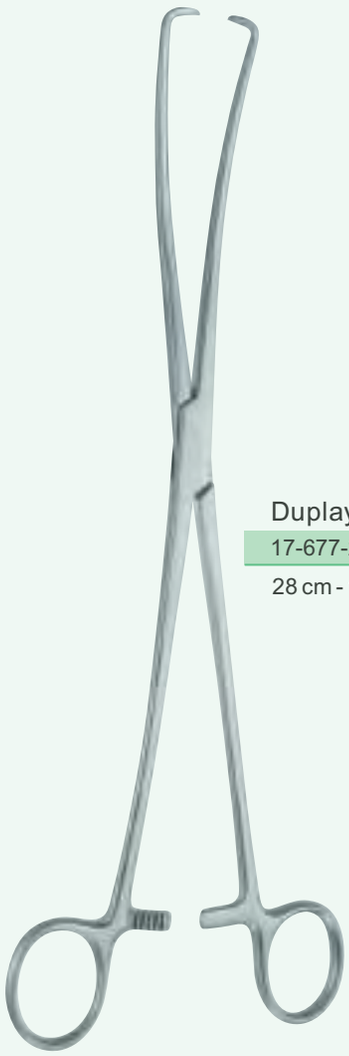
Schroeder
17-674-24
24 cm - 9 ¾"





Schroeder

17-675-24	17-676-24	24 cm - 9 ½"



Duplay

17-677-28

28 cm - 11"



Iowa

17-678-26

26 cm - 10 ¼"



Beacham

17-679-26

26 cm - 10 ¼"

Amniotome
Amniotom
Amniotomo
Amniotomo
Amniotomo







Museux

17-680-01	17-681-01 8 mm
17-680-02	17-681-02 6 mm
17-680-03	17-681-03 10 mm
24 cm - 9 ½"	24 cm - 9 ½"







Jacobs

17-683-21

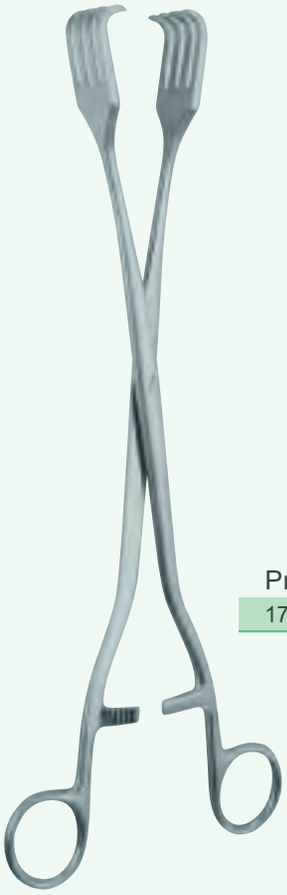
17-684-21 21 cm - 8 ¼"



Teale

17-682-01

230 mm– 9 "



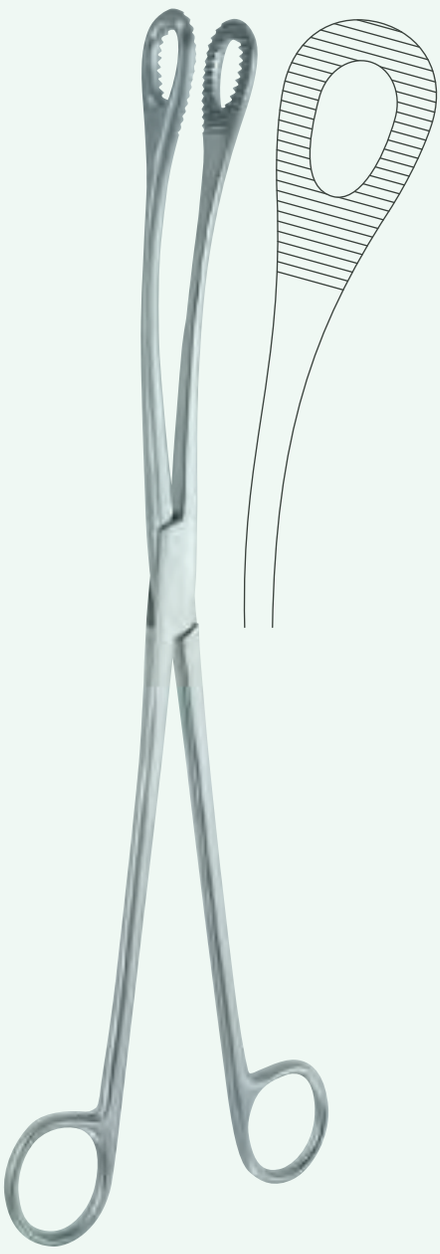
Pratt

17-685-26 26 cm - 10 ¼"



Czerny

17-674-21 21 cm - 8"



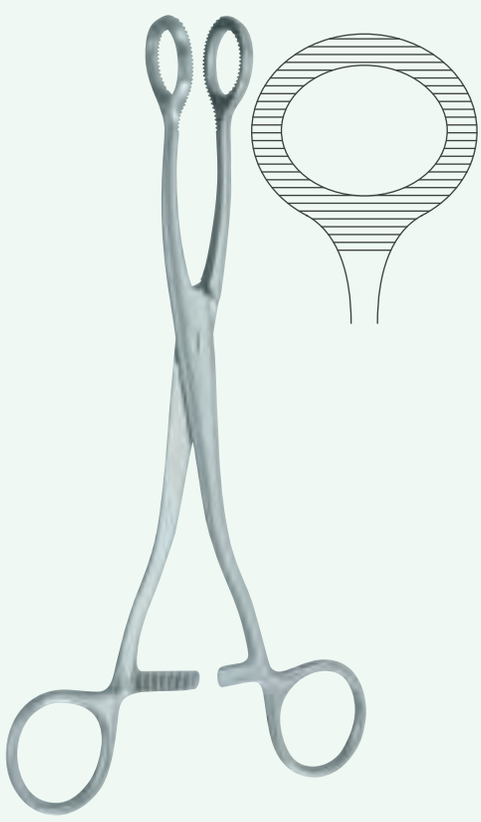
Kelly

17-687-32	32 cm - 12 ½"



Noto

17-688-27	27 cm - 10 ¾"



Doyen

17-689-20	20 cm - 8"



Dartigues

17-690-27	27 cm - 10 ¾"



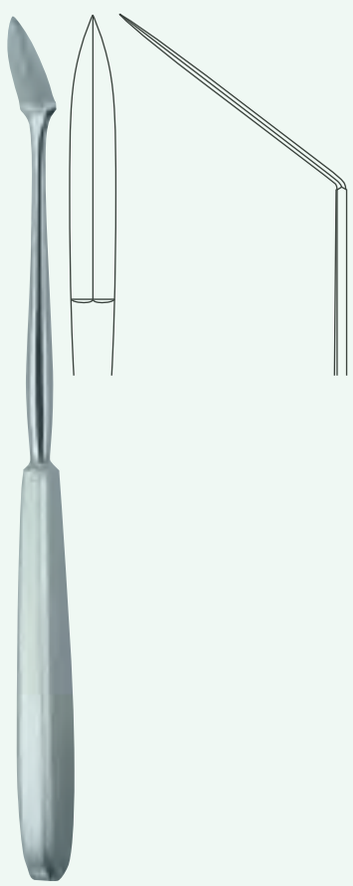
Somer

17-691-23	23 cm - 9"

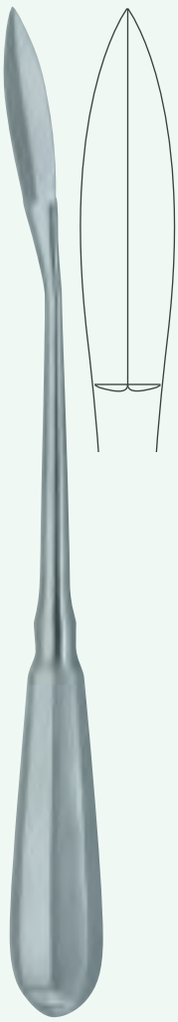


Collin

17-692-25	25 cm - 9 ¾"



Ayre
17-693-23
23 cm - 9"



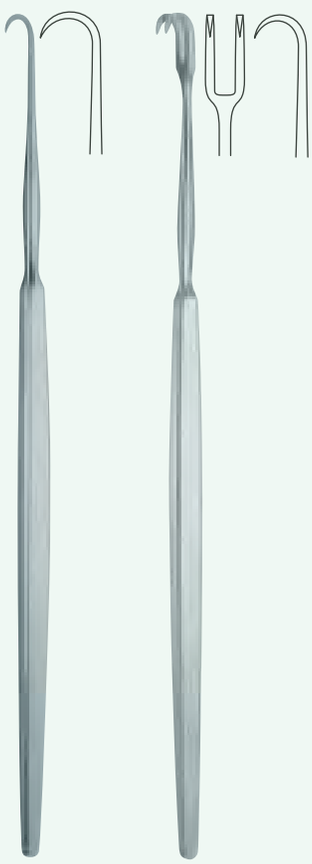
Segond
17-694-27
27 cm - 10 ¾"



Doyen
17-695-17
17 cm - 6 ¾"



Doyen
17-409-19
19 cm - 7½"
Ø 20 mm



Simon

17-696-22	17-697-22	22 cm - 8 ¾"
Fig.1	Fig.2	



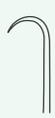




Emmet

17-698-22	17-699-22	22 cm - 8 ¾"
Fig.1	Fig.2	





Emmet

17-700-22	17-701-22	22 cm - 8 ¾"
Fig.3	Fig.4	



17-702-22	22 cm - 8 ¾"
Fig.5	



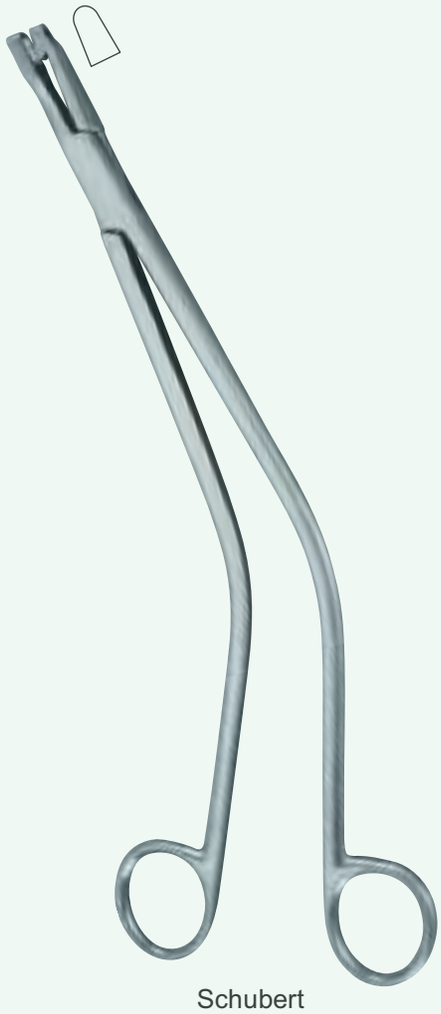
Schubert

17-703-21	21 cm - 8½"
17-703-28	28 cm - 11"



Faure

17-704-21	21 cm - 8 ½"



Schubert

17-705-26	26 cm - 10 ¼"



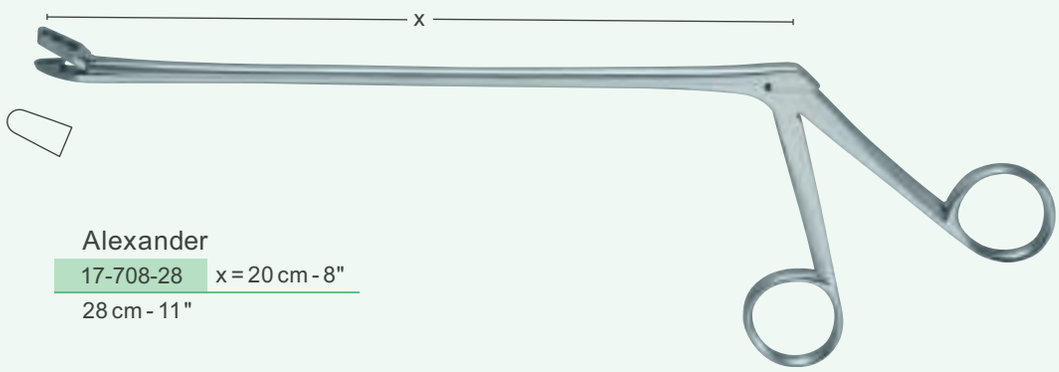
Gellhorn

17-706-23	23 cm - 9"



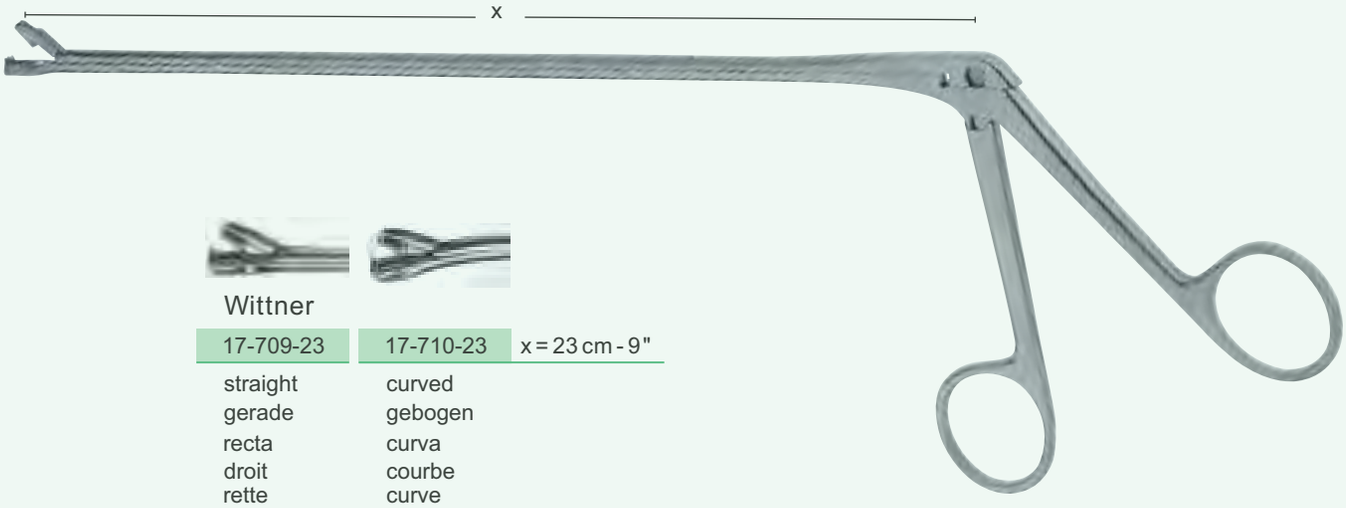
Thoms-Gaylor

17-707-22	22 cm - 8 ¾"
17-707-24	24 cm - 9 ½"



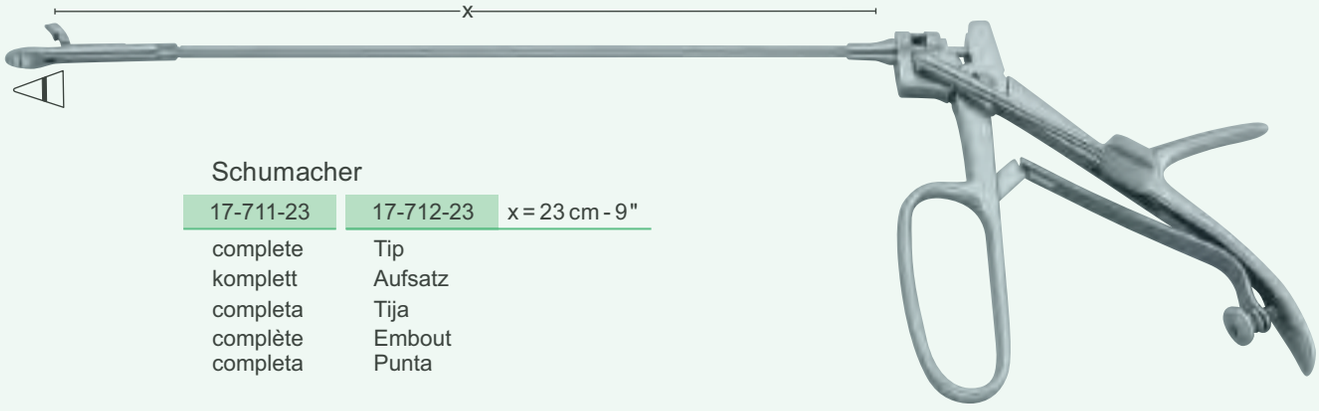
Alexander

17-708-28	x = 20 cm - 8"
28 cm - 11"	



Wittner

17-709-23	17-710-23	x = 23 cm - 9"
straight	curved	
gerade	gebogen	
recta	curva	
droit	courbe	
rette	curve	



Schumacher

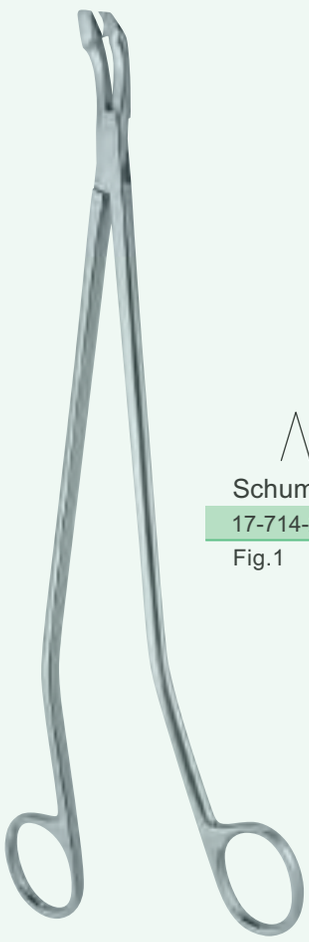
17-711-23	17-712-23	x = 23 cm - 9"
complete	Tip	
komplett	Aufsatz	
completa	Tija	
complète	Embout	
completa	Punta	



Van Doren

17-713-24

24 cm - 9½"

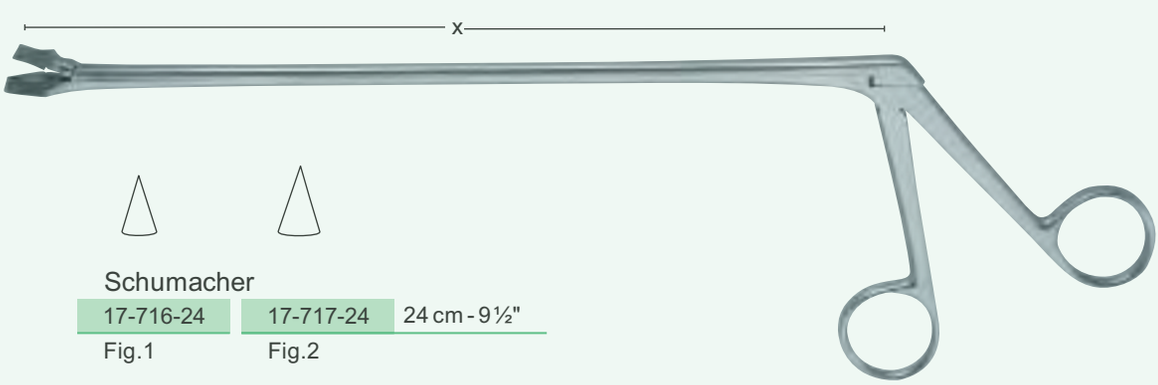


Schumacher

17-714-24 Fig.1

17-715-24 Fig.2

24 cm - 9½"

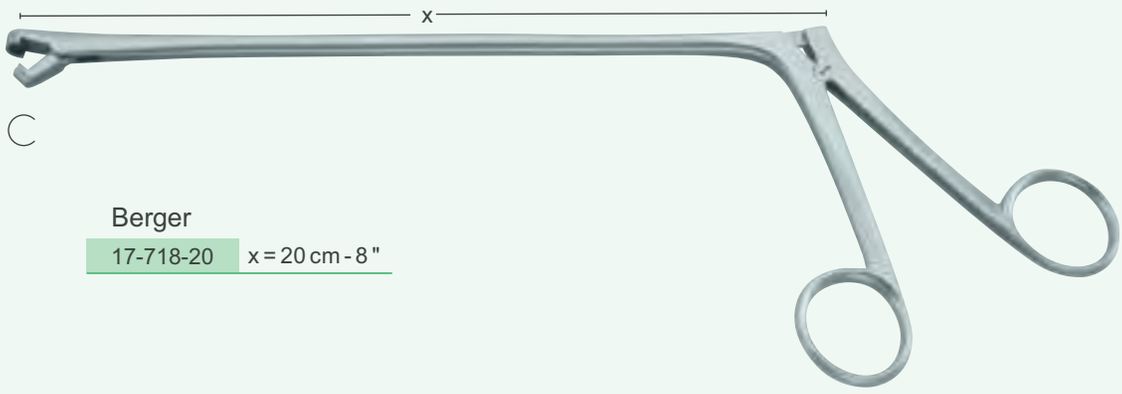


Schumacher

17-716-24 Fig.1

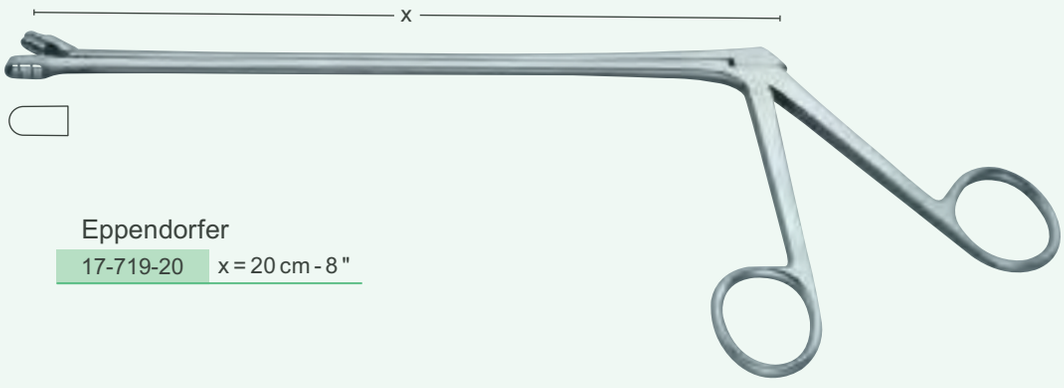
17-717-24 Fig.2

24 cm - 9½"



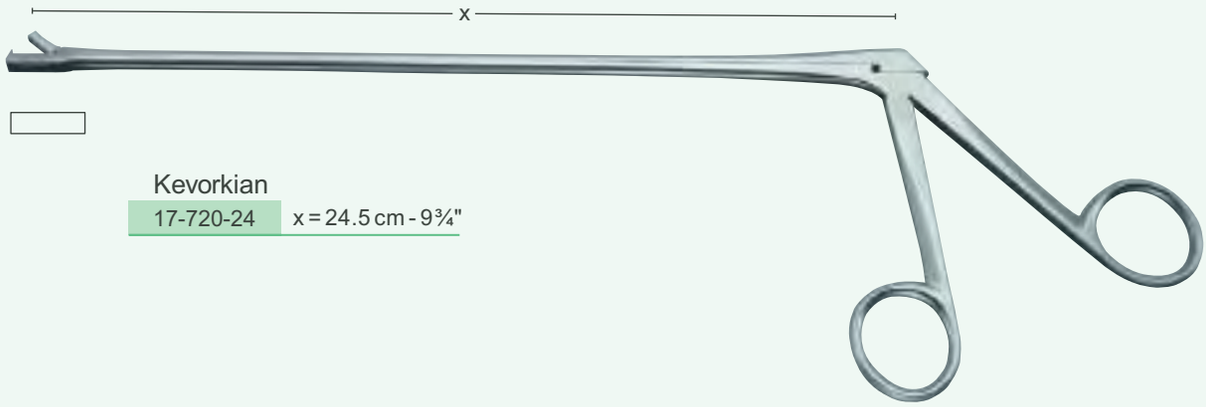
Berger

17-718-20 x = 20 cm - 8 "



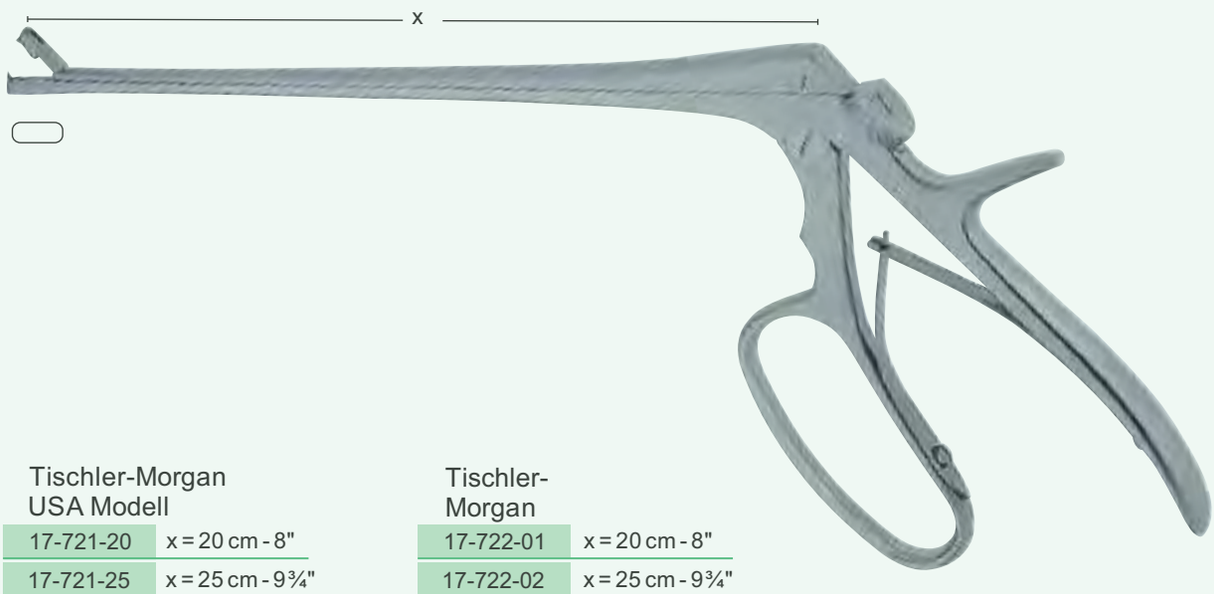
Eppendorfer

17-719-20 x = 20 cm - 8 "



Kevorkian

17-720-24 x = 24.5 cm - 9¾"



Tischler-Morgan
USA Modell

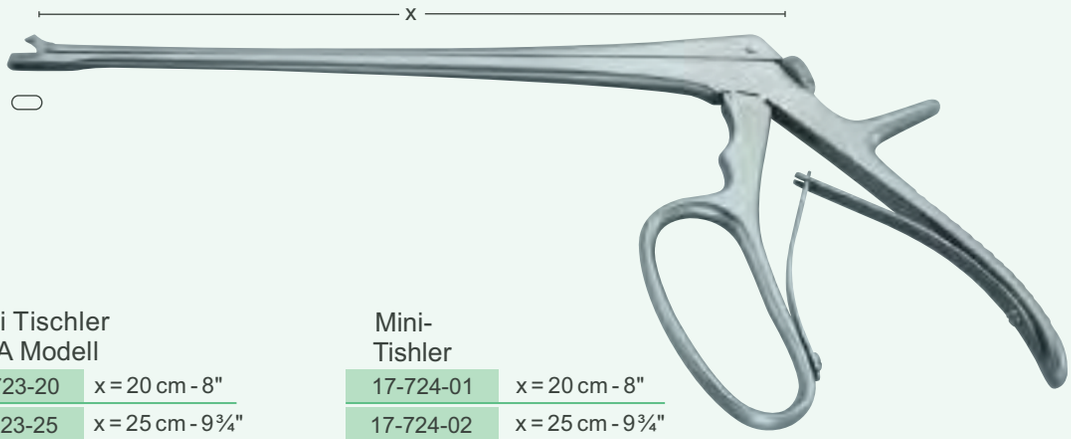
17-721-20	x = 20 cm - 8"
17-721-25	x = 25 cm - 9¾"

With locking screw
Mit Feststellschraube
Con tornillo de bloqueo
Avec vis de blocage
Con vite di bloccaggio

Tischler-
Morgan

17-722-01	x = 20 cm - 8"
17-722-02	x = 25 cm - 9¾"

Without locking screw
Ohne Feststellschraube
Sin tornillo de bloqueo
Sans vis de blocage
Senza vite di bloccaggio



Mini Tischler
USA Modell

17-723-20	x = 20 cm - 8"
17-723-25	x = 25 cm - 9¾"

With locking screw
Mit Feststellschraube
Con tornillo de bloqueo
Avec vis de blocage
Con vite di bloccaggio

Mini-
Tishler

17-724-01	x = 20 cm - 8"
17-724-02	x = 25 cm - 9¾"

Without locking screw
Ohne Feststellschraube
Sin tornillo de bloqueo
Sans vis de blocage
Senza vite di bloccaggio





Uni-Tischler

17-725-00 | 3 x 7 mm

straight, Tip only
gerade, Aufsatz allein
recta, boca sola
droit, mors seul
retta, punta sola



Uni-Tischler

17-726-00 | 3 x 7 mm

up, Tip only
aufwärts, Aufsatz allein
arriba, boca sola
haut, mors seul
in alto, punta sola



Uni-Tischler

17-727-00 | 3 x 7 mm

down, Tip only
abwärts, Aufsatz allein
abajo, boca sola
bas, mors seul
in basso, punta sola



Standard

17-728-00

Handleonly
Uni-Griff allein
Mango solo
Poignee seule
Manico solo



Uni-Townsend

17-729-00 | 2.3 x 4 mm

straight, Tip only
gerade, Aufsatz allein
recta, boca sola
droit, mors seul
retta, punta sola



Uni-Townsend

17-730-00 | 2.3 x 4 mm

up, Tip only
aufwärts, Aufsatz allein
arriba, boca sola
haut, mors seul
in alto, punta sola



Uni-Townsend

17-731-00 | 2.3 x 4 mm

down, Tip only
abwärts, Aufsatz allein
abajo, boca sola
bas, mors seul
in basso, punta sola



Uni-Townsend

17-732-00 | 3 x 9 mm

Tip only
Aufsatz allein
Boca sola
Mors seul
Punta sola



Grip

17-733-00

Uni-Griff allein mit Ring
Handleonly
Poignee seule
Mango solo
Manico solo



Uni-Oval

17-734-00 | 2.3 x 4 mm

Tip only
Aufsatz allein
Boca sola
Mors seul
Punta sola



Uni-Burke

17-735-00 | 3 x 9 mm

Tip only
Aufsatz allein
Boca sola
Mors seul
Punta sola





Randall

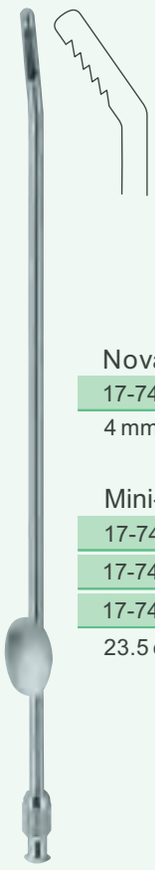
17-736-24	24 cm - 9½"
4 mm Ø	





Kevorkian

17-737-30	rigid, without basket fest, ohne Korb rigida, sin cesta rigide, sans panier rigida, senza cestino
17-738-30	30 cm - 12" rigid, with basket fest, mit Korb rigida, con cesta rigide, avec panier rigida, con cestino
17-739-00	malleable,without basket biegsam, ohne Korb maleable, sin cesta malléable, sans panier flessibile, senza cestino
17-740-00	malleable,with basket biegsam, mit Korb maleable, con cesta malléable, avec panier flessibile, con cestino



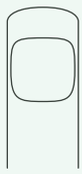
Novak

17-741-23	23 cm - 9"
4 mm Ø	

Mini-Novak

17-742-01	1 mm Ø
17-742-02	2 mm Ø
17-742-03	3 mm Ø
23.5 cm - 9½"	



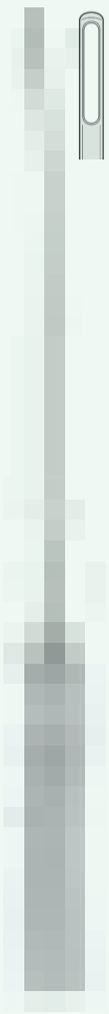


Patera

17-743-01	13 mm Ø
17-743-02	14 mm Ø
17-743-03	16 mm Ø
17-743-04	18 mm Ø
17-743-05	10 mm Ø
17-743-06	12 mm Ø
17-743-07	14 mm Ø

20 cm - 11 ½"

Specimen and aspirating curette
Probe- und Absaugkürette
Cureta de biopsia y de aspiración
Curette à biopsies et d'aspiration
Curette per biopsia ed per aspirazione



Lenardo

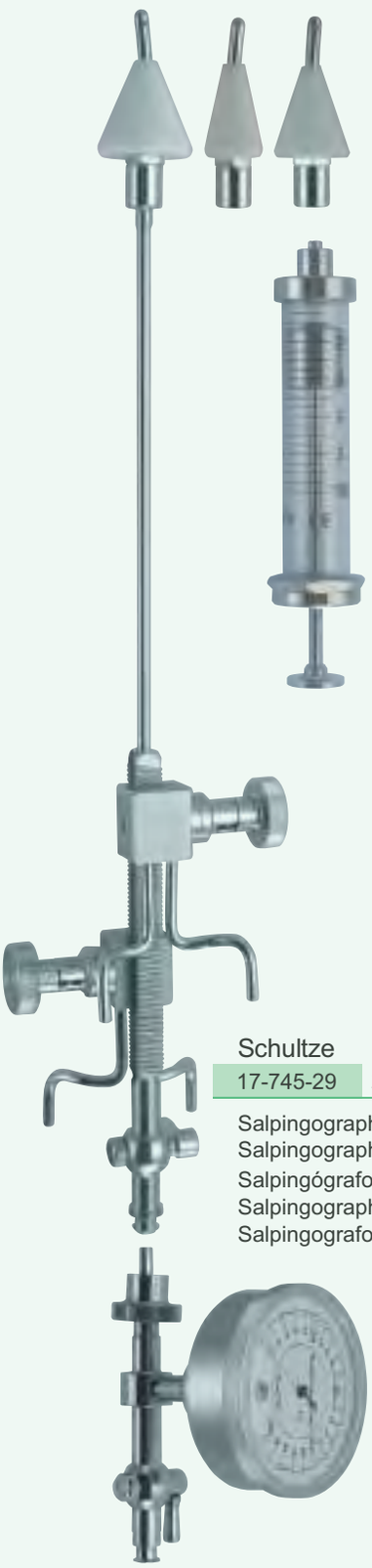
17-730-04	4 mm Ø
17-730-06	6 mm Ø
17-730-08	8 mm Ø
17-730-10	10 mm Ø
17-730-12	12 mm Ø
17-730-14	14 mm Ø

28 cm - 11"



17-744-12	12 cm - 4¾"

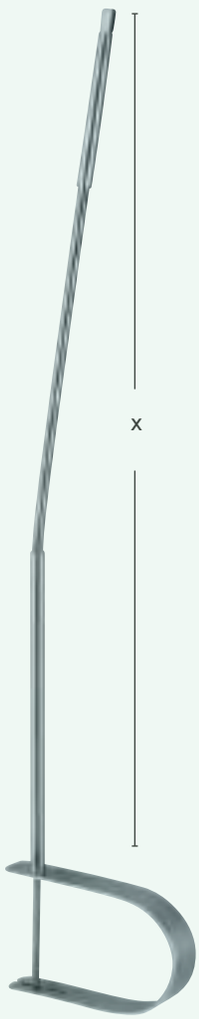
Coupling piece
Kupplungsstück
Pieza de conexión
Pièce d'accouplement
Pezzo di connessione



Schultze

17-745-29 29.5 cm - 11½"

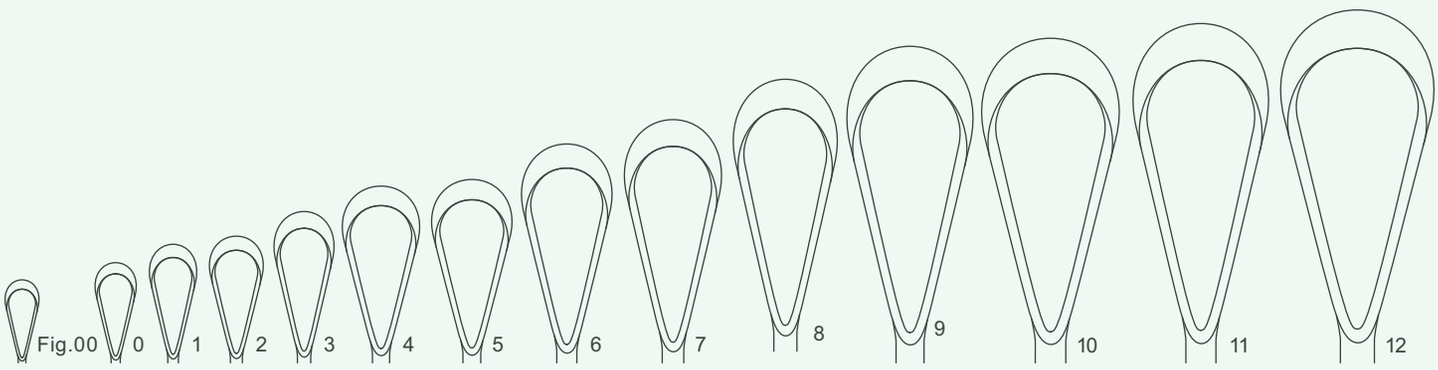
Salpingograph,completein woodencase
Salpingograph, komplett im Holzetui
Salpingógrafo, completa en caja de madera
Salpingographe, complet en etui de bois
Salpingografo, completo in astuccio di legno



Remoson

17-746-23 x= 23 cm - 9"

Forcepsfor I.U.D.removings
Zange zum Entfernen von Spiralen
Pinza para remover la espiral de esterilidad
Pince pour enlever des stérilets
Pinza per distaccare la spirale





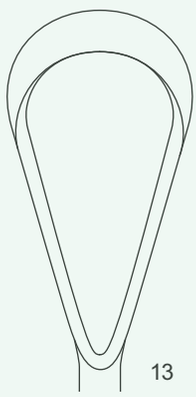
Recamier				Fig.	x=mm
17-747-01	17-748-01	17-749-01	17-750-01	00	5
17-747-02	17-748-02	17-749-02	17-750-02	0	6
17-747-03	17-748-03	17-749-03	17-750-03	1	7
17-747-04	17-748-04	17-749-04	17-750-04	2	8
17-747-05	17-748-05	17-749-05	17-750-05	3	9
17-747-06	17-748-06	17-749-06	17-750-06	4	11
17-747-07	17-748-07	17-749-07	17-750-07	5	12
17-747-08	17-748-08	17-749-08	17-750-08	6	14
17-747-09	17-748-09	17-749-09	17-750-09	7	15
17-747-10	17-748-10	17-749-10	17-750-10	8	16
17-747-11	17-748-11	17-749-11	17-750-11	9	19
17-747-12	17-748-12	17-749-12	17-750-12	10	20
17-747-13	17-748-13	17-749-13	17-750-13	11	21
17-747-14	17-748-14	17-749-14	17-750-14	12	23

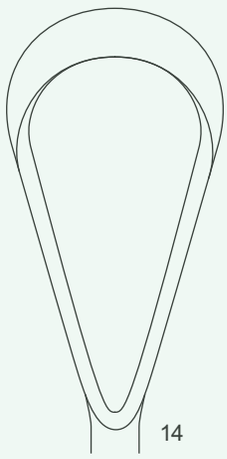
y = 26 cm - 10¼"

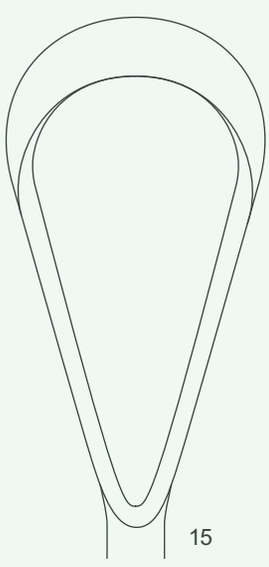
				Fig.	x=mm
17-751-01	17-752-01	17-753-01	17-754-01	00	5
17-751-02	17-752-02	17-753-02	17-754-02	0	6
17-751-03	17-752-03	17-753-03	17-754-03	1	7
17-751-04	17-752-04	17-753-04	17-754-04	2	8
17-751-05	17-752-05	17-753-05	17-754-05	3	9
17-751-06	17-752-06	17-753-06	17-754-06	4	11
17-751-07	17-752-07	17-753-07	17-754-07	5	12
17-751-08	17-752-08	17-753-08	17-754-08	6	14
17-751-09	17-752-09	17-753-09	17-754-09	7	15
17-751-10	17-752-10	17-753-10	17-754-10	8	16
17-751-11	17-752-11	17-753-11	17-754-11	9	19
17-751-12	17-752-12	17-753-12	17-754-12	10	20
17-751-13	17-752-13	17-753-13	17-754-13	11	21
17-751-14	17-752-14	17-753-14	17-754-14	12	23

y = 31 cm - 12¼"

sharp, malleable scharf, biegsam cortante, maleable tranchante, malléable tagliente, flessibile	blunt, malleable stumpf, biegsam roma, maleable mousse, malléable smussa, flessibile	sharp, rigid scharf, fest cortante, rigida tranchante, rigide tagliente, rigida	blunt, rigid stumpf, fest roma, rigida mousse, rigid smussa, rigida







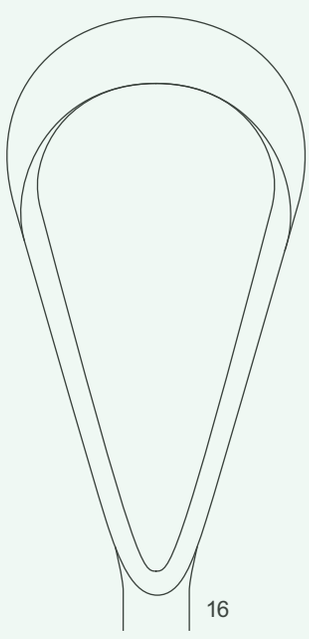




				Fig.	x=mm
17-755-01	17-756-01	17-757-01	17-758-01	13	25
17-755-02	17-756-02	17-757-02	17-758-02	14	30
17-755-03	17-756-03	17-757-03	17-758-03	15	35
17-755-04	17-756-04	17-757-04	17-758-04	16	40

y = 34 cm - 13½"

sharp, malleable
scharf, biegsam
cortante, maleable
tranchante, malléable
tagliente, flessibile

blunt, malleable
stumpf, biegsam
roma, maleable
mousse, malléable
smussa, flessibile

sharp, rigid
scharf, fest
cortante, rigida
tranchante, rigide
tagliente, rigida

blunt, rigid
stumpf, fest
roma, rigida
mousse, rigid
smussa, rigida

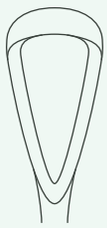


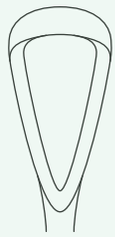

Fig.1


Fig.2


Fig.3


Fig.4


Fig.5


Fig.6

Sims

				Fig.	x=mm
17-759-01	17-760-01	17-761-01	17-762-01	1	7
17-759-02	17-760-02	17-761-02	17-762-02	2	8
17-759-03	17-760-03	17-761-03	17-762-03	3	9
17-759-04	17-760-04	17-761-04	17-762-04	4	11
17-759-05	17-760-05	17-761-05	17-762-05	5	12
17-759-06	17-760-06	17-761-06	17-762-06	6	14

25 cm - 9¾"

sharp, malleable	blunt, malleable	sharp, rigid	blunt, rigid
scharf, biegsam	stumpf, biegsam	scharf, fest	stumpf, fest
cortante, maleable	roma, maleable	cortante, rigida	roma, rigida
tranchante, malléable	mousse, malléable	tranchante, rigide	mousse, rigid
tagliente, flessibile	smussa, flessibile	tagliente, rigida	smussa, rigida



Simon

17-763-25	17-764-25	17-765-25	25 cm - 9¾"
Fig.1	Fig.2	Fig.3	
17-766-00	17-767-00	17-768-00	
Fig.4	Fig.5	Fig.6	

sharp, rigid
scharf, fest
cortante, rigida
tranchante, rigide
taglienti, rigido



Schröder

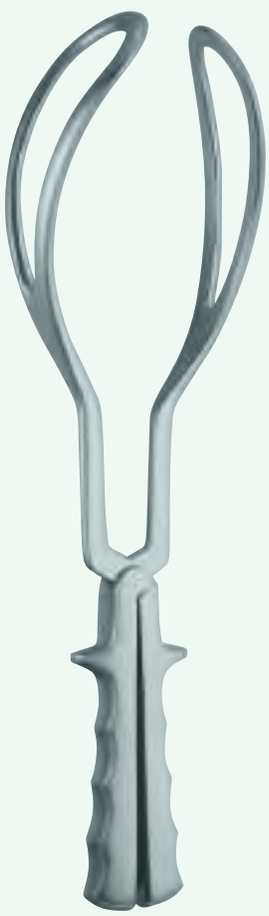
17-769-30	17-770-30	17-771-30	30 cm - 12"
Fig.1	Fig.2	Fig.3	
17-772-00	17-773-00	17-774-00	
Fig.4	Fig.5	Fig.6	

sharp, rigid
scharf, fest
cortante, rigida
tranchante, rigide
taglienti, rigido



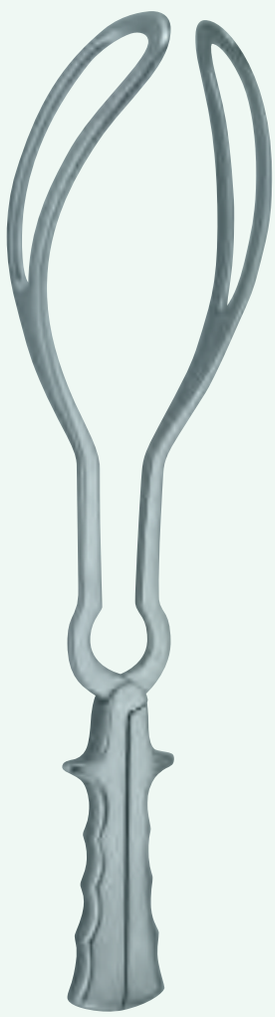
Simpson

17-775-30	30 cm - 12"



Simpson-Braun

17-776-33	33 cm - 13"
17-776-36	36 cm - 14 ¼"



Naegele

17-777-36	36 cm - 14 ¼"
17-777-40	40 cm - 16"



Piper

17-778-44	44 cm - 17 ¼"



Simpson-
Luikart

17-779-36	36 cm - 14 ¼"



Wr.igley

17-780-25	25 cm - 9 ¾"
17-780-28	28 cm - 11"

for caesarian section
für Kaiserschnitt
para operación cesárea
pour césarienne
per taglio cesareo



DeLee

17-781-30	30 cm - 12"



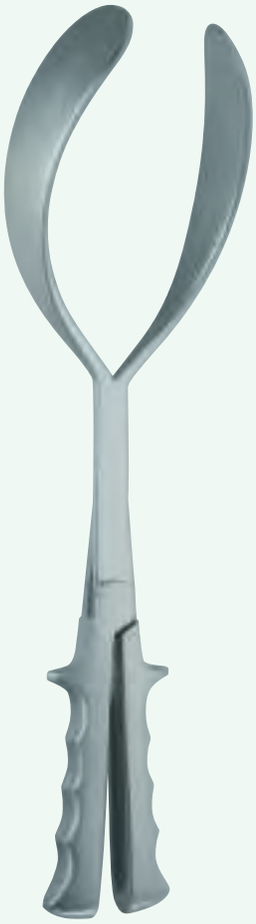
DeLee

17-782-36	36 cm - 14 ¼"
17-782-39	39 cm - 15 ½"



Elliot

17-783-32	32 cm - 12½"
17-783-38	38 cm - 15"



McLean

17-784-36	36 cm - 14¼"



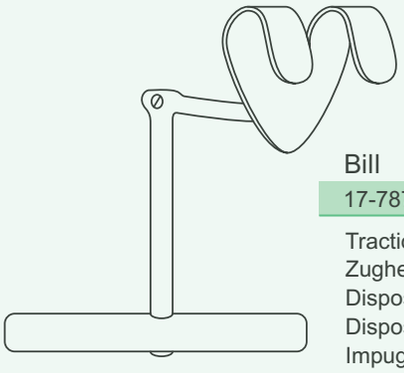
Kielland

17-785-41	41 cm - 16¼"



Kielland-Luikart

17-786-40	40 cm - 16"



Bill

17-787-00

Traction handle for all the forceps with horned standard handle
Zughebel, passend für alle Geburtszangen mit gehorntem Standard-Griff
Dispositivo de tracción para todos los forceps con mango standard cornudo
Dispositif de traction pour tous les forceps avec manche normal à cornes
Impugnatura di trazione adatto a tutti i forcipi con manico standard con corne



Sellheim

17-788-28	28 cm - 11"

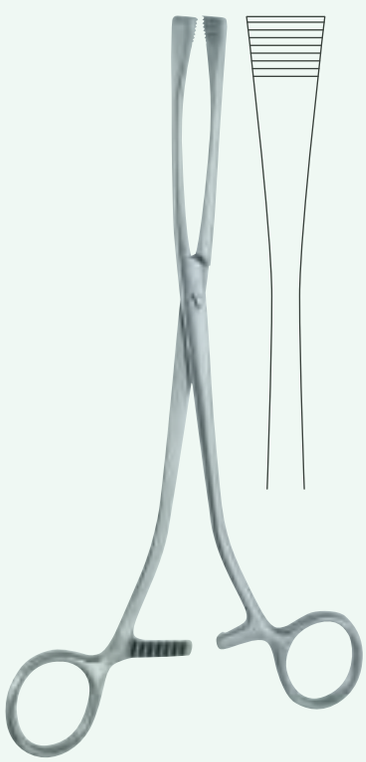
Obstetric lever
Geburtslöffel
Cuchara obstétrica
Cuillère obstétricale
Cucchaio obstetrico



Braun

17-789-32	32.5 cm - 12¾"

Decapitating hook
Dekapitationshaken
Grancho de descapitación
Crochet de décapitation
Uncino di decapitazione



Green-Armytage

17-790-21	21 cm - 8¼"	Str
17-790-00	21 cm - 8¼"	Cvd

Uterine elevating forceps
Uterusklemmzange
Pinza para el útero
Pince uterine
Pinza uterina



Smellie

17-791-25	25 cm - 10"

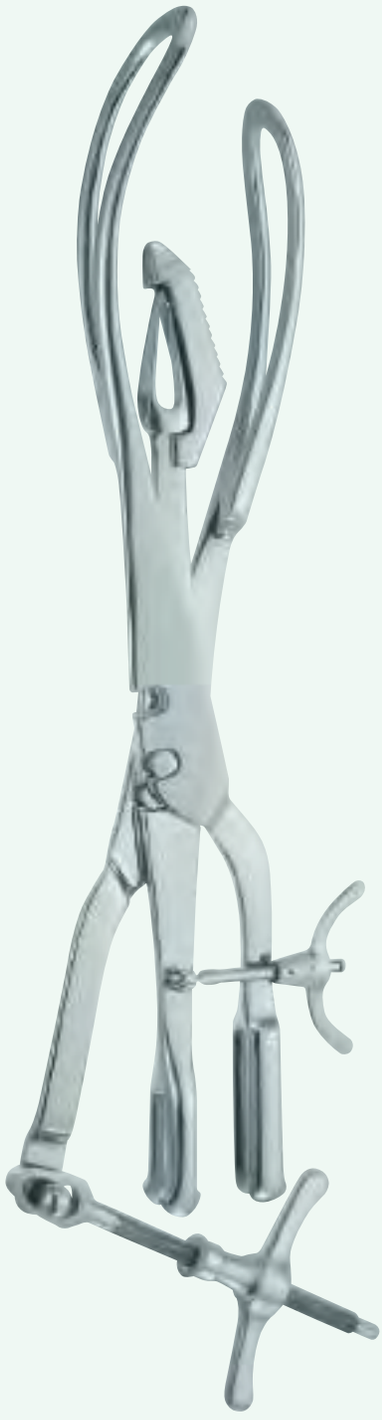
Perforator
Perforatorium
Perforador
Perforateur
Perforatore



Braun

17-792-42	42 cm - 16½"

Cranioclast, one jaw fenestrated
Kranioklast, ein Maul gefenstert
Craneolasto, una boca fenestrada
Cranioclaste, une partie fenetrée
Cranioclaste, un lato fenestrato

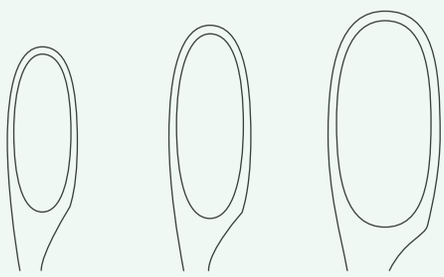


Tarnier

17-793-46	46 cm - 17¼"

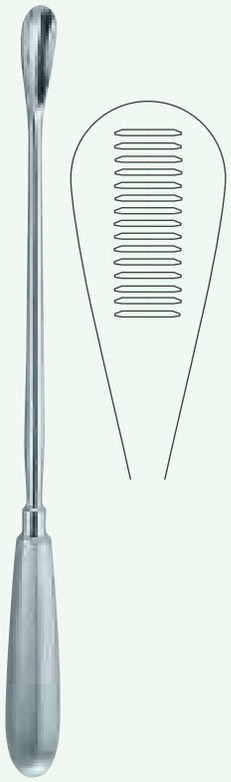
Basiotribe
Basiotrib
Basiotribo
Basiotribe
Basiotribo

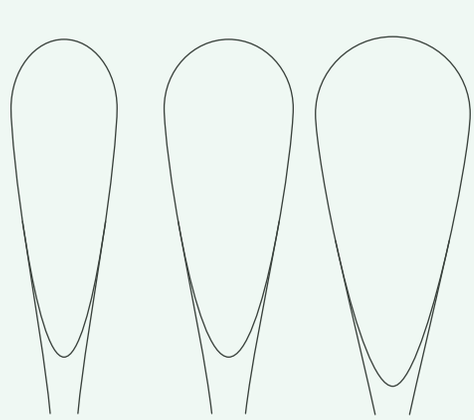




Winter

17-794-28	17-795-28	17-796-28	28 cm - 11"
Fig.1	Fig.2	Fig.3	
straight gerade recta droit rette			
17-797-00	17-798-00	17-799-00	
curved gebogen curva courbe curve			



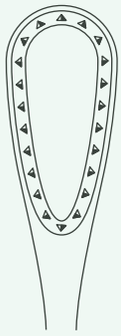


Cuzzi

17-800-30	17-801-30	17-802-30	30 cm - 12"
14.5 mm	18.0 mm	21.0 mm	

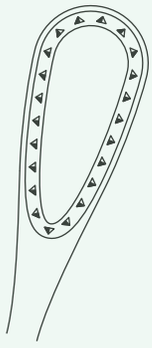
blunt, back serrated
stumpf, Rückseite gerieft
romo, dorso estriado
mousse, dos strié
smusso, dorso zigrinato



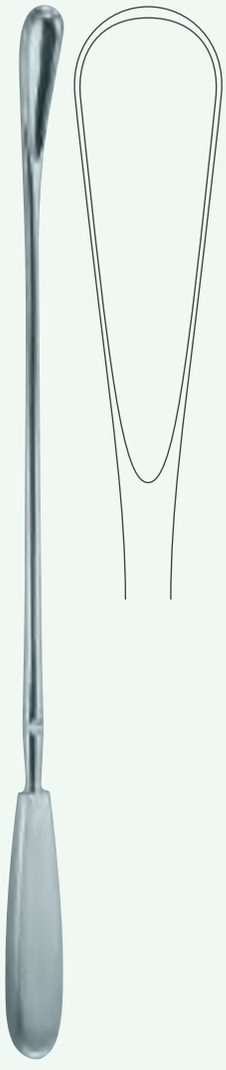


Saenger

17-803-27



17-804-27 27 cm - 10¾"



Wallich

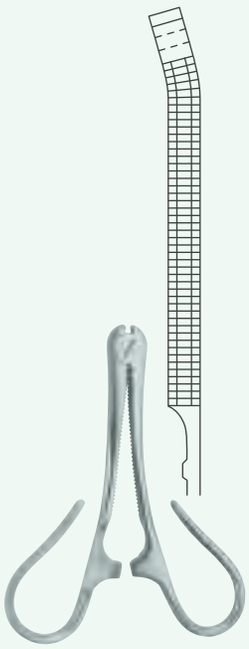
17-805-27 27 cm - 10¾"

blunt
stumpf
roma
mousse
smussa



Pestalozza

17-806-30 30 cm - 12"



Kane

17-807-08	8.5 cm - 3¼"



Collin

17-808-09	9.0 cm - 3½"



Volkmann Bone Curette

17-811-01	Small
17-811-02	Medium
17-811-03	Large

Pelvimeters
Beckenzirkel
Pelvimetros
Pelvimétres
Pelvimeters



Martin

17-809-34	34 cm - 13½"

cm / inch-scale
cm/ Zoll-Scala
escala cm / pulgadas
échelle en cm / pouces
scala cm / pollici



Collin

17-810-35	35 cm - 13¾"

cm-scale
cm-Scala
escala en cm
échelle en cm
scala in cm

SURGICALINSTRUMENTS



18

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ORL

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Toynbee

18-801-03	18-802-03	18-803-03	18-804-03	3.6 cm - 1 ½"
Fig. 1 4.5 mm Ø	Fig. 2 5.5 mm Ø	Fig. 3 6.5 mm Ø	Fig. 4 7.5 mm Ø	

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

18-801-00	Set of 4 pcs. Fig. 1 - 4

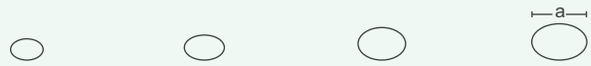


Richnau Holmgren

18-805-00	18-806-01	18-807-02	18-808-03
Fig. 0 3 mm Ø	Fig. 1 4 mm Ø	Fig. 2 5 mm Ø	Fig. 3 6 mm Ø

add "B" with catalogue part number if required in black TiN coating





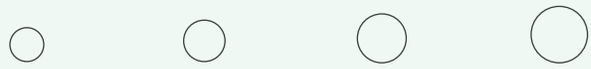
Gruber

18-809-01	18-810-02	18-811-03	18-812-04
Fig. 1 a = 4.5 mm Ø	Fig. 2 a = 5.5 mm Ø	Fig. 3 a = 6.5 mm Ø	Fig. 4 a = 7.5 mm Ø

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

18-809-00 Set of 4 pcs. Fig. 1 - 4





Gruber

18-813-01	18-814-02	18-815-03	18-816-04
Fig. 1 a = 4.5 mm Ø	Fig. 2 a = 5.5 mm Ø	Fig. 3 a = 6.5 mm Ø	Fig. 4 a = 7.5 mm Ø

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

18-813-00 Set of 4 pcs. Fig. 1 - 4





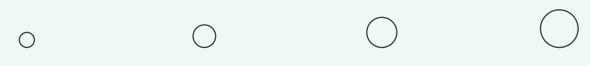
Zöllner

18-817-01	18-818-02	18-819-03	18-820-04	18-821-05	18-822-06
Fig. 1 5.5 x 6.5 mm	Fig. 2 6.5 x 7.5 mm	Fig. 3 7.5 x 8.5 mm	Fig. 4 8.5 x 9.5 mm	Fig. 5 9.5 x 10.5 mm	Fig. 6 10.5 x 11.5 mm

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

18-817-00 Set of 6 pcs. Fig, 1 - 6





Politzer

18-823-01	18-824-02	18-825-03	18-826-04
Fig. 1 2 mm Ø	Fig. 2 3 mm Ø	Fig. 3 4 mm Ø	Fig. 4 5 mm Ø

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

18-823-00 Set of 4 pcs. Fig. 1 - 4

add "B" with catalogue part number if required in black TiN coating











Boucheron

18-827-01	18-828-02	18-829-03	18-830-04	18-827-00
Fig. 1 4.5 mm Ø	Fig. 2 5.5 mm Ø	Fig. 3 6.5 mm Ø	Fig. 4 7.5 mm Ø	Set of 4 pcs. Fig. 1 - 4

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

Boucheron

18-831-00	18-832-01	18-833-02	18-831-00
Fig. 0 3.0 mm Ø	Fig. 1 4.5 mm Ø	Fig. 2 5.5 mm Ø	Set of 3 pcs. Fig. 0 - 2

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

Hartmann

18-834-01	18-835-02	18-836-03	18-837-04	18-834-00
Fig. 1 4.5 mm Ø	Fig. 2 5.5 mm Ø	Fig. 3 6.5 mm Ø	Fig. 4 7.5 mm Ø	Set of 4 pcs. Fig. 1 - 4

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

Hartmann

18-838-01	18-839-02	18-840-03	18-841-04	18-842-05
Fig. 1 2.0 mm Ø	Fig. 2 3.5 mm Ø	Fig. 3 5.0 mm Ø	Fig. 4 6.5 mm Ø	Fig. 5 7.5 mm Ø

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

18-838-00
Set of 5 pcs. Fig. 1 - 5

Tumarkin

18-127-00	18-127-01	18-127-02	18-127-03	18-127-04
Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4

18-127-05	18-127-06	18-127-07	18-127-08
Fig. 5	Fig. 6	Fig. 7	Set of 8 for adults. Fig. 0 - 7

add "B" with catalogue part number if required in black TiN coating



Siegle

18-843-00	18-844-01	18-845-02	18-846-00
Fig. 1 6.5 mm Ø	Fig. 2 7.0 mm Ø	Fig. 3 8.0 mm Ø	Magnifyer, alone Lupenkörper, allein Lupa, sola Loupe, seule Lente, solo
Set complete Satz komplett Juego completo Jeu complet Serie completa			



Bruenings

18-847-00	18-848-01	18-849-02	18-850-01	18-851-00
Fig. 1 6.5 mm Ø	Fig. 2 7.5 mm Ø	Fig. 3 8.5 mm Ø	Fig. 4 9.5 mm Ø	Magnifyer, alone Lupenkörper, allein Lupa, sola Loupe, seule Lente, solo
Set complete Satz komplett Juego completo Jeu complet Serie completa				

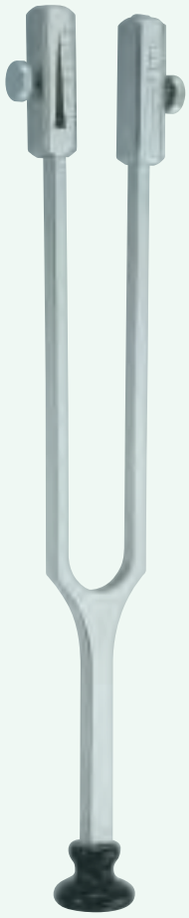


Lucae

18-852-00

c 128

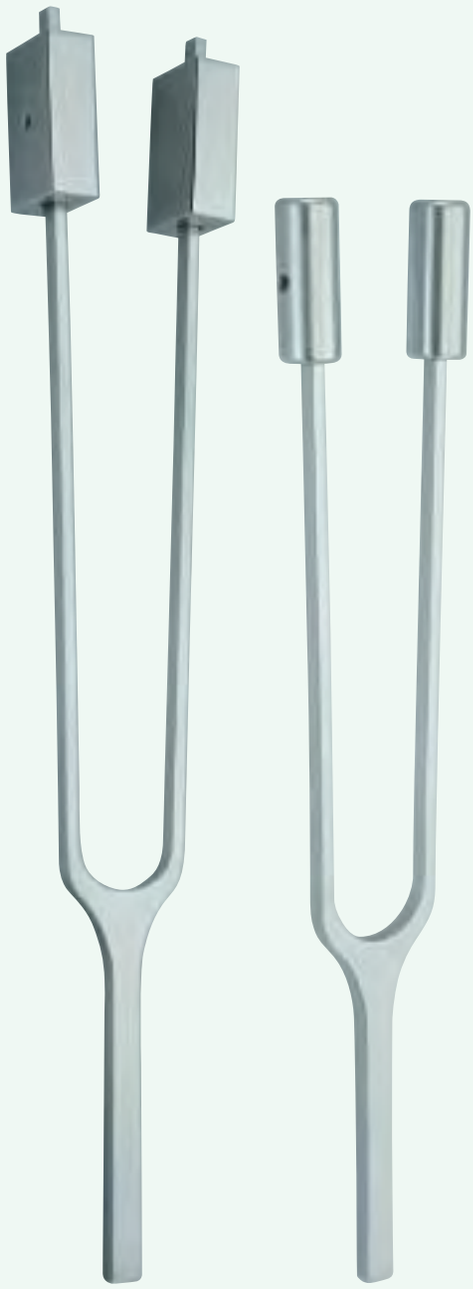
variable up to h (engl. b)
verschiebbar bis h
variable hasta h (esp. si)
variable jusqu'à h (franc. si)
regolabile fino a h



Rydel-Seiffer

18-853-00

C 64 / c 128



French

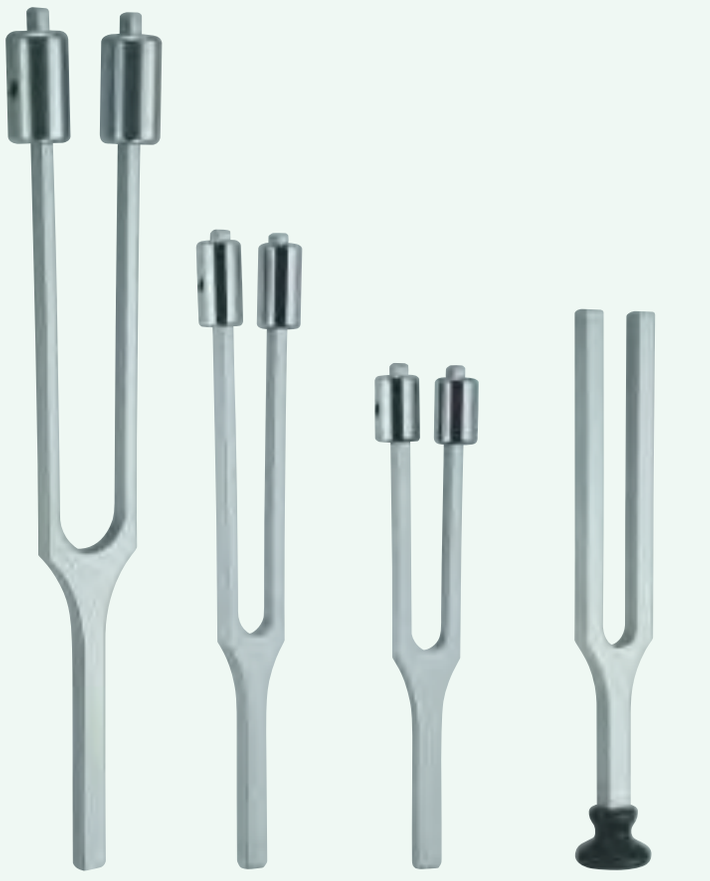
18-854-00

C_2 16

with clamps C 64, without clamps c 128
mit Dämpfer C 64, ohne Dämpfer c 128
con sordinas C 64, sin sordinas c 128
avec curseurs C 64, sans curseurs c 128
con cursori C 64, senza cursori c 128

18-855-00

C_1 32



Hartmann

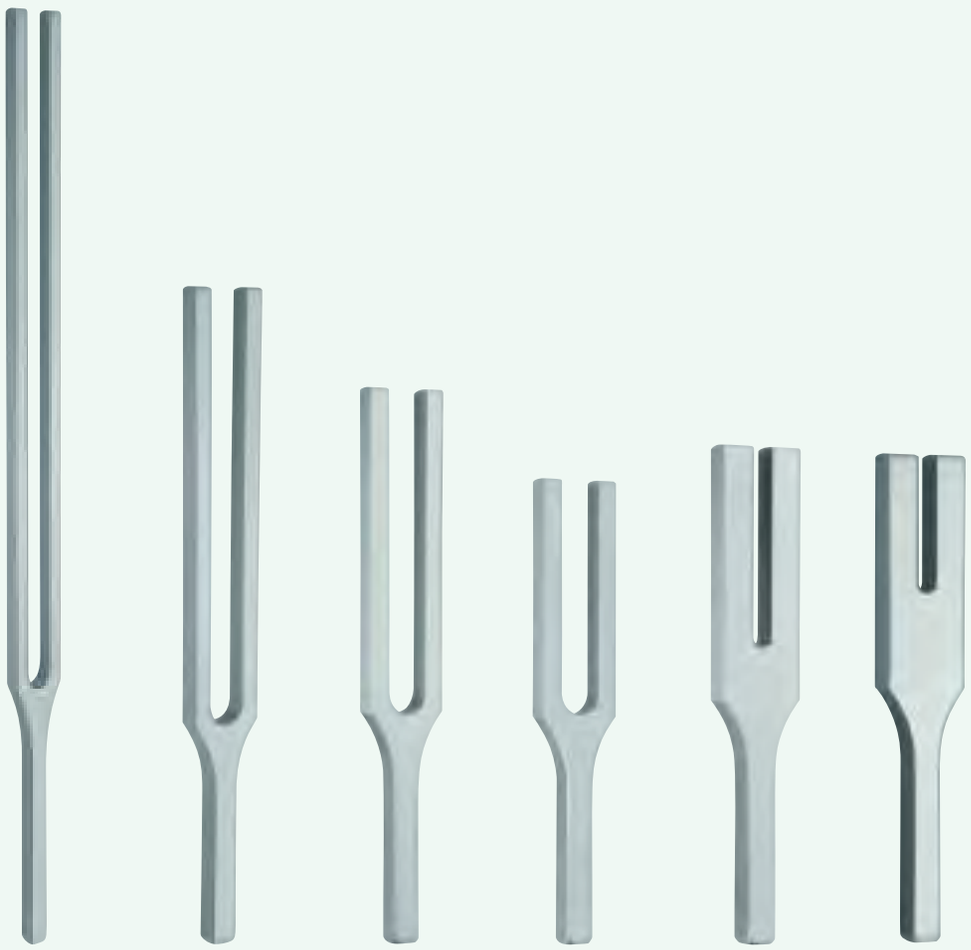
18-856-00	18-857-00	18-858-00	18-859-00
C 64	c 128	c^1 256	a^1 440

Noise drum
Lärmtrommel
Aparato de ruido
Assourdisseur
Assordatore



Barany

18-860-00



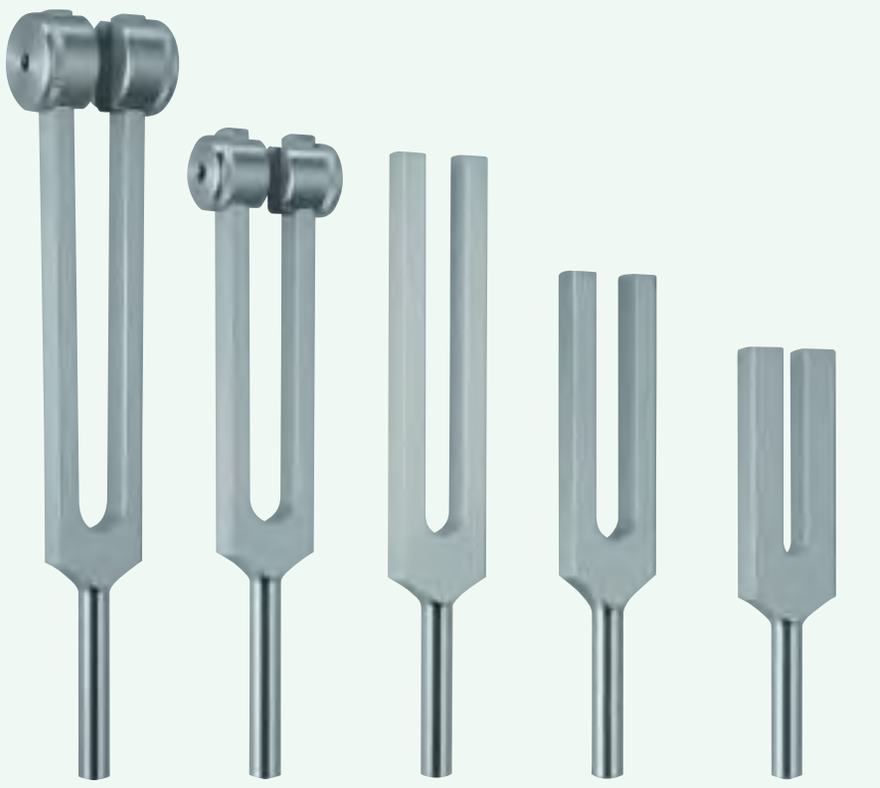
Hartmann

18-861-00	18-862-00	18-863-00	18-864-00	18-865-00	18-866-00
c 128	c^1 256	c^2 512	c^3 1024	c^4 2048	c^5 4096



Hartmann

18-867-00	Set of 5 pcs consisting:
18-857-00	c 128
18-858-00	c^1 256
18-863-00	c^2 512
18-864-00	c^3 1024
18-865-00	c^4 2048



18-868-00	18-869-00	18-870-00	18-871-00	18-872-00
c 128	c^1 256	c^2 512	c^3 1024	c^4 2048



18-873-00	Set of 5 pcs consisting:
18-868-00	c 128
18-869-00	c^1 256
18-870-00	c^2 512
18-871-00	c^3 1024
18-872-00	c^4 2048












Buck

18-874-16	18-875-16	18-876-16	18-877-16	18-878-16	18-879-16	18-880-16	18-881-16	16.5 cm - 6 ½"
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	

blunt
stumpf
roma
mousse
smussa







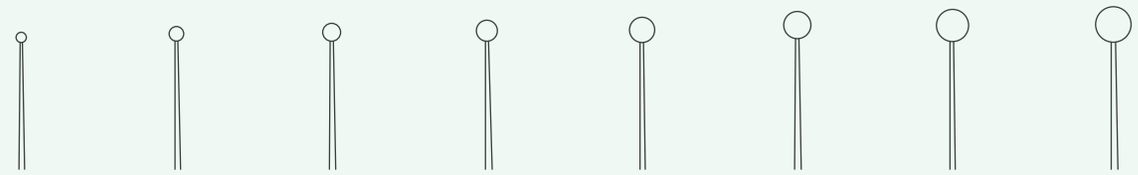



Buck

18-882-16	18-883-16	18-884-16	18-885-16	18-886-16	18-887-16	18-888-16	18-889-16	16.5 cm - 6 ¾"
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	

sharp
scharf
cortante
tranchante
tagliente

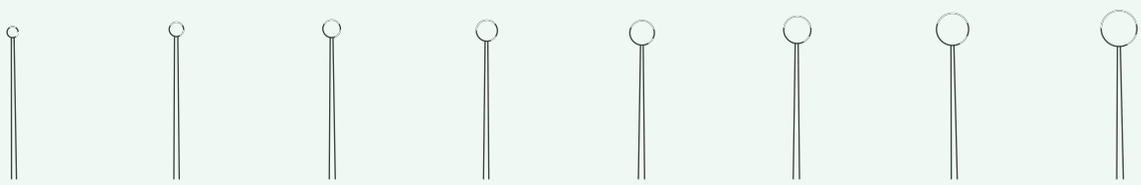




Buck

18-890-16	18-891-16	18-892-16	18-893-16	18-894-16	18-895-16	18-896-16	18-897-16	16.5 cm - 6 ½"
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	

curved, blunt
gebogen, stumpf
curva, cortante
courbe, tranchante
curva, smussa



Buck

18-898-16	18-899-16	18-900-16	18-901-16	18-902-16	18-903-16	18-904-16	18-905-16	16.5 cm - 6 ½"
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	

curved sharp
gebogen, scharf
curva, aguda
courbe, pointue
curva, tagliente



Langenbeck
18-906-13
13 cm - 5"
blunt
stumpf
roma
mousse
smussa



Jansen
18-907-17
17 cm - 6 ¾"
sharp
scharf
cortante
tranchante
acuta



Gross
18-908-12
12 cm - 4 ¾"
sharp, not fenestrated
scharf, voll
cortante, lleno
tranchante, pleine
acuta, pieno

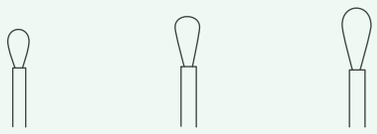


Macal
18-909-12
12 cm - 4 ¾"
blunt, fenestrated
stumpf, gefenstert
romas, fenestrada
mousse, fenêtrée
smussa, fenestrata



Jansen
18-910-16
16 cm - 6 ¼"
sharp
scharf
cortante
tranchante
acuta





Billeau

18-911-16	18-912-16	18-913-16	16.5 cm - 6 ½"





Lucae

18-914-14	18-915-14	18-916-14	14 cm - 5 ½"





Wagener

18-917-14	18-918-14	18-919-14	18-920-14	18-921-14	18-922-14	18-923-14	14 cm - 6 ½"







Day

18-924-16	
18-925-16	16 cm - 6 ¼"



Muck

18-926-13	13.5 cm - 5 ¼"



Gerzog-Sexton

18-927-17	17 cm - 6 ¾"





Politzer
18-928-16
15 cm - 6"



Gerzog
18-929-16
16 cm - 6¼"



Buck
18-930-16
16 cm - 6¼"





Lucae
18-931-18

18-932-18 18 cm - 7"





Lucae
18-933-19
19 cm - 7 ½"

Politzer
18-934-17
17 cm - 6 ¾"





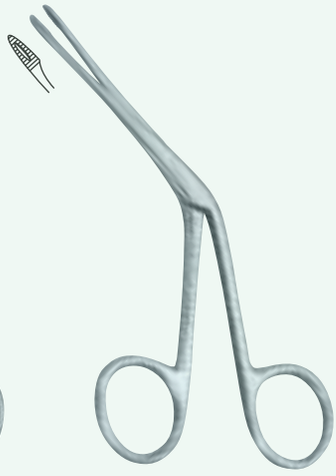
Politzer
18-935-16
16 cm - 6 ¼"
Needle vertical
Nadel senkrecht
Aguja vertical
Aiguille verticale
Ago verticale

18-936-16
16 cm - 6 ¼"
Needle horizontal
Nadel waagrecht
Aguja horizontal
Aiguille horizontale
Ago orizzontale



Littauer

18-942-12 16.5 cm - 6 ¾"



Hartmann

18-943-12 16.5 cm - 6 ¾"

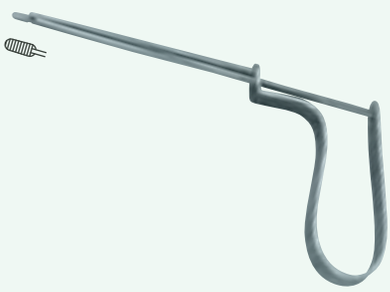
delicate jaw
feines Modell
modelo fino
modèle fin
modello fino



Hartmann

18-944-14 14 cm - 5 ¾"

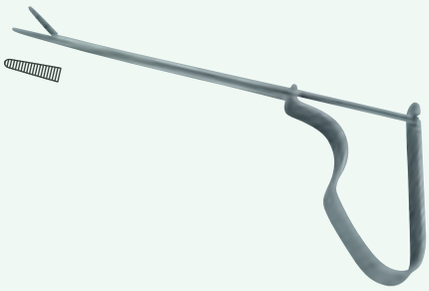
normal jaw
normales Modell
modelo estandard
modèle standard
modello standard



Quire

18-945-10 10.5 cm - 4 ¼"

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

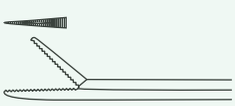


Buck

18-946-11 11.5 cm - 4 ¼"

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





Hartmann-Wullstein

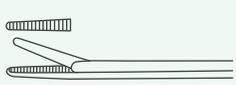
18-947-08	x = 8.5 cm - 3 ¼"



Hartmann-Wullstein

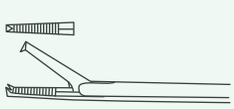
18-948-08	x = 8.5 cm - 3 ¼"

1 mm Ø



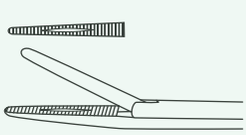
Hartmann

18-949-01	x = 8.5 cm - 3 ¼"
18-949-02	x = 14 cm - 5 ¼"
18-949-03	x = 16 cm - 6 ¼"



Hartmann

18-950-08	x = 8.5 cm - 3 ¼"
18-950-14	x = 14 cm - 5 ½"



Hartmann-Noyes

18-951-09	x = 9 cm - 3 ½"

1 mm Ø



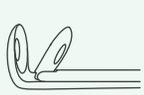
Struempel

18-952-08	0°

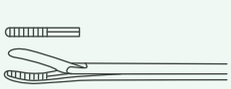
x = 8.5 cm - 3 ¼"



18-953-08	45°

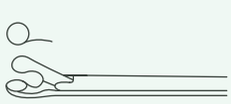


18-954-08	90°



Hartmann-Weingärtner

18-955-08	x = 8.5 cm - 3 ¼"

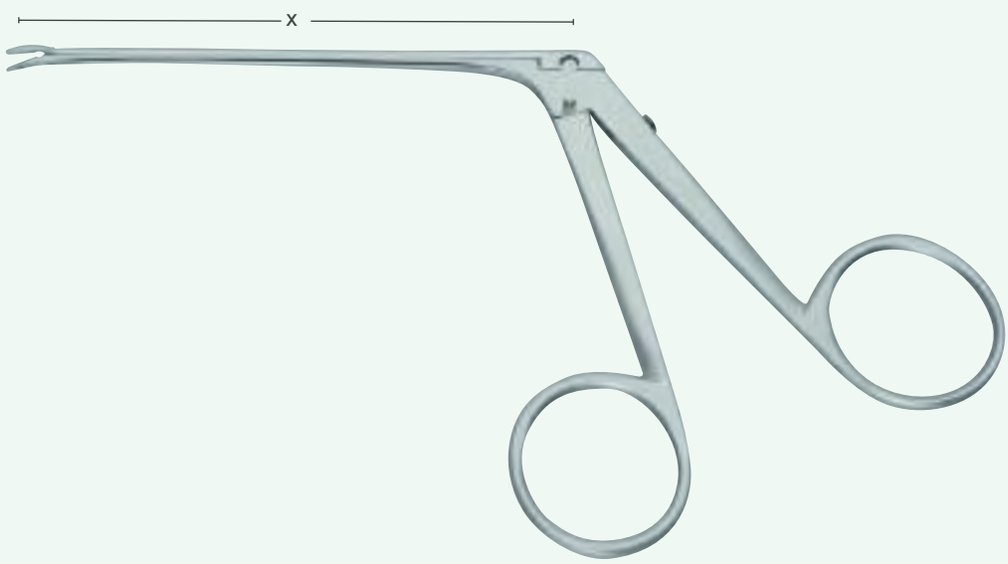


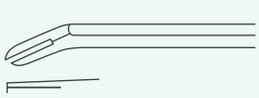
Hartmann

18-956-01	2.0 mm Ø
18-956-02	2.5 mm Ø
18-956-03	3.0 mm Ø

x = 8.5 cm - 3 ¼"

add "B" with catalogue part number if required in black TiN coating

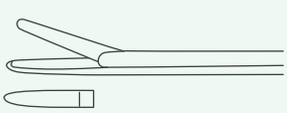




McGee

18-957-00 | 3.5 mm x 0.8 mm

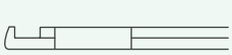
Wire bending forceps
Drahtbiegezängchen
Pinza para plegar alambres
Pince pour plier fils métalliques
Pinza per piegare fili metallici



Fuller

18-958-08 | 8 cm - 3 ¼"

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



Dieter

18-959-08

up-cutting
oben schneidend
corte arriba
coupe en haut
tagliente in alto



18-960-08

down-cutting
unten schneidend
corte abajo
coupe en bas
tagliente in basso



18-961-08

right-cutting
rechts schneidend
corte derecha
coupe à droite
tagliente a destra

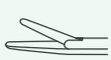


18-962-08 | x = 8 cm - 3 ¼"

left-cutting
links schneidend
corte izquierda
coupe à gauche
tagliente a sinistra

Malleus nipper
Hammerkopfzängchen
Pinza para cabezal del martillo
Pince pour l'os marteau
Pinza per testa del martelletto





Mini McGee

18-963-07

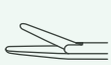
x = 75 mm - 3"

straight, smooth
gerade, glatt
recta, lisa
droit, lisse
retta, liscia

18-964-07 3.5 mm x 0.6 mm a x b

x = 75 mm - 3"

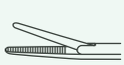
straight, serrated
gerade, gerieft
recta, estriada
droit, strié
retta, zigrinata



18-965-07

x = 75 mm - 3"

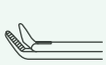
straight, smooth
gerade, glatt
recta, lisa
droit, lisse
retta, liscia



18-966-07

x = 75 mm - 3"

straight, serrated
gerade, gerieft
recta, estriada
droit, strié
retta, zigrinata

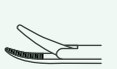


18-967-01 3.5 mm 0.6 mm a x b

18-867-02 4.0 mm 0.8 mm a x b

x = 75 mm - 3"

curved upwards, serrated
aufgebogen, gerieft
curvada arriba, estriada
coudé en haut, strié
curvata in alto, zigrinata

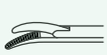


18-967-03

18-967-04

x = 75 mm - 3"

curved to right, serrated
rechts gebogen, gerieft
curvada a la derecha, estriada
coudé à droite, strié
curvata a desrta, zigrinata

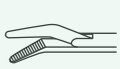


18-967-05

18-967-06

x = 75 mm - 3"

curved to left, serrated
links gebogen, gerieft
curvada a la izquierda, estriada
coudé àgauche, strié
curvata a sinistra, zigrinata

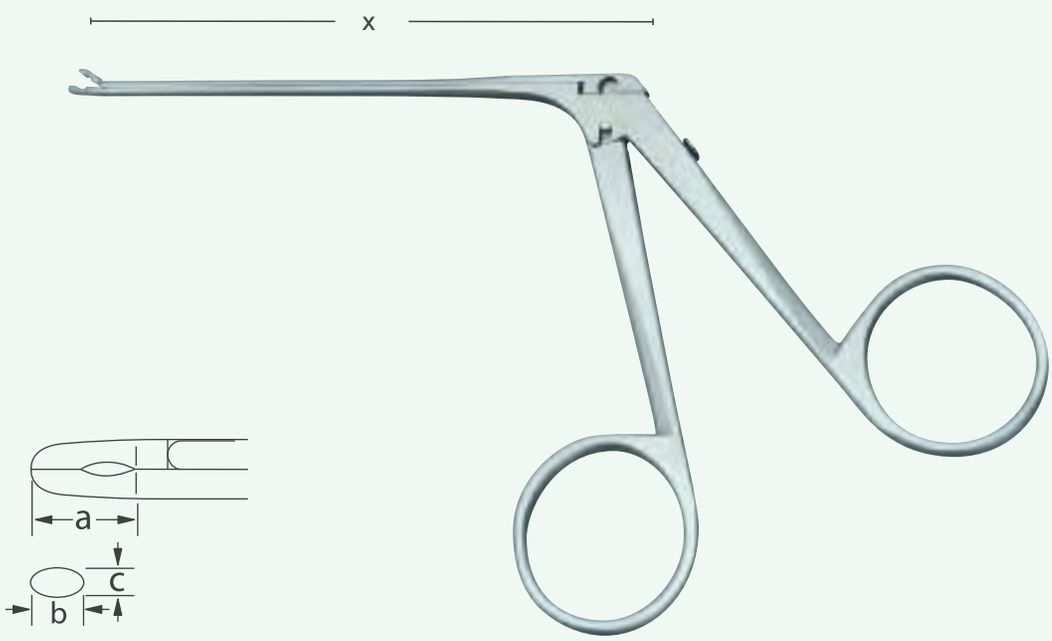


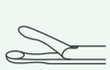
18-967-07 3.5 mm x 0.6 mm a x b

18-967-08 4.0 mm x 0.8 mm a x b

x = 75 mm - 3"

angled down, serrated
abwärts gebogen, gerieft
curvada à bajo, estriada
coudé en bas, strié
curvata in basso, zigrinata





Nikki

18-968-07

x = 75 mm - 3"

straight, oval
gerade, oval
recta, oval
droit, ovale
retta, ovale



18-969-07

x = 75 mm - 3"

curved upwards, oval
aufgebogen, oval
curvada arriba, oval
coudé en haut, ovale
curvata in alto, ovale



18-970-07

a = 4.0 mm
b = 1.0 mm x c = 0.9 mm

x = 75 mm - 3"

curved to left, oval
links gebogen, oval
curvada a la izquierda, oval
coudé à gauche, ovale
curvata a sinsitra, ovale



18-971-07

x = 75 mm - 3"

curved to right, oval
rechts gebogen, oval
curvada a la derecha, oval
coudé à droite, ovale
curvata a destra, ovale



18-972-07

x = 75 mm - 3"

curved downwards, oval
abwärts gebogen, oval
curvada a bajo, oval
coudé en bas, ovale
curvata in basso, ovale



Cobson

18-973-01

18-973-02

x = 8 cm - 3 ¼"

straight, oval
gerade, oval
recta, oval
droit, ovale
retta, ovale

18-974-01 a = 3.5 mm b = 0.6 mm x c = 0.5 mm

18-974-02 a = 4.0 mm b = 1.0 mm x c = 0.9 mm

curved upwards, oval
aufgebogen, oval
curvada arriba, oval
coudé en haut, ovale
curvata in alto, ovale

18-975-01

18-975-02

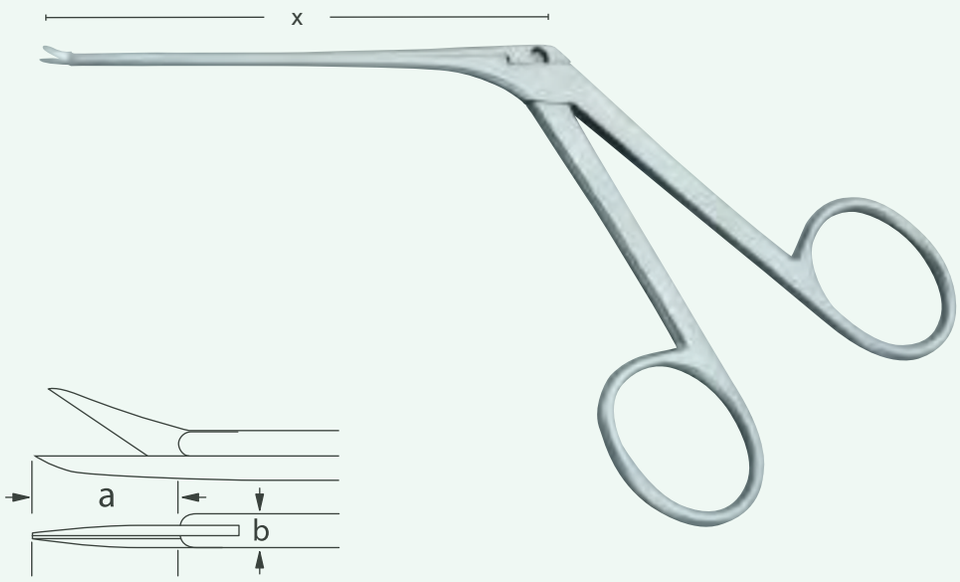
x = 8 cm - 3 ¼"

curved to right, oval
rechts gebogen, oval
curvada a la derecha, oval
coudé à droite, ovale
curvata a destra, ovale

18-976-01 a = 3.5 mm b = 0.6 mm x c = 0.5 mm

18-976-02 a = 4.0 mm b = 1.0 mm x c = 0.9 mm

curved to left, oval
aufgebogen, oval
curvada arriba, oval
coudé à gauche, ovale
curvata in alto





Belucci

18-977-07

x = 7.5 cm - 3"
straight, sharp/sharp
gerade, spitz/spitz
recta, aguda/aguda
droit, pointue/pointue
retta, acuta/acuta

very fine
sehr fein
muy fina
très fine
molto delicata



18-978-07 4.0 mm x 0.8 mm

x = 7.5 cm - 3"
curved upwards, blunt/blunt
aufgebogen, stumpf/stumpf
curvada arriba, roma/roma
courbéss en haut, mousse/mousse
curvata in alto, smussa/smussa



Belucci

18-979-07

x = 7.5 cm - 3"
a x b
curved to right, sharp/sharp
rechts gebogen, spitz/spitz
curvada a la derecha, aguda/aguda
coudé à droite, pointue/pointue
curvata a destra, acuta/acuta

very fine
sehr fein
muy fina
très fine
molto delicata



18-980-07 4.0 mm x 0.8 mm

x = 7.5 cm - 3"

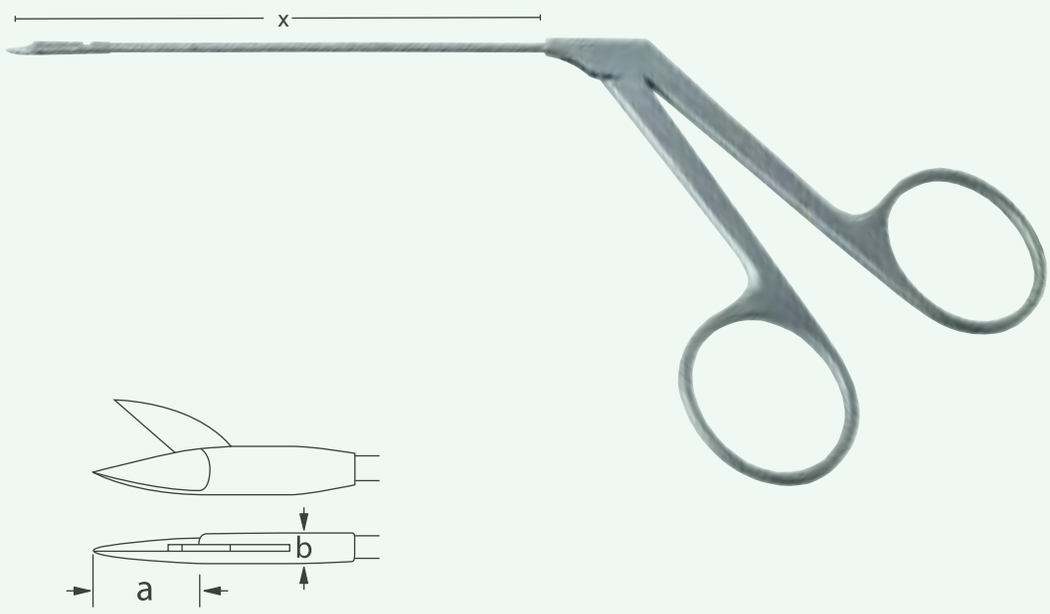
curved to left, sharp/sharp
links gebogen, spitz/spitz
curvada a la izquierda, aguda/aguda
coudée à gauche, pointue/pointue
curvata a sinistra, acuta/acuta



18-981-07 4.0 mm x 0.8 mm

x = 7.5 cm - 3"

straight, sharp/blunt
gerade, spitz/stumpf
recta, aguda/roma
droit, pointue/mousse
retta, acuta/smussa



Wullstein

18-982-08

x = 8 cm - 3 ¼"
a x b
straight, sharp/sharp
gerade, spitz/spitz
recta, aguda/aguda
droit, pointue/pointue
retta, acuta/acuta

18-983-08 4.0 mm x 0.8 mm

x = 8 cm - 3 ¼"

curved upwards, sharp/sharp
aufgebogen, spitz/spitz
curvada arriba, aguda/aguda
coudée en haut, pointue/pointue
curvata in alto, acuta/acuta

Wullstein

18-984-08

x = 8 cm - 3 ¼"
a x b
curved to right, sharp/sharp
rechts gebogen, spitz/spitz
curvada a la derecha, aguda/aguda
coudé à droite, pointue/pointue
curvata a destra, acuta/acuta

18-985-08 4.0 mm x 0.8 mm

x = 8 cm - 3 ¼"

curved to left, sharp/sharp
links gebogen, spitz/spitz
curvado a la izquierda, aguda/aguda
coudée à gouche, pointue/pointue
curvata a sinistra, acuta/acuta





Plester

18-986-16

Wireguide
Führungsgabel
Tenedor guia
Fourchette d'introduction
Forchetta guida



18-987-16

Raspatory
Raspatorium
Raspatorio
Rugine
Raspatorio



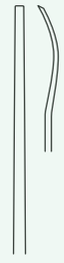
18-988-16 16 cm - 6 ¼"

Elevator
Elevatorium
Elevador
Élévateur
Elevatorio



18-989-00

1.8 mm
Raspatory
Raspatorium
Raspatorio
Rugine
Raspatorio



18-990-00

1.0 mm
Raspatory
Raspatorium
Raspatorio
Rugine
Raspatorio



18-991-00

Dissector, double curved left
Dissektor, doppelt links gebogen
Disector, doble curvado a la izquierda
Dissecteur, double courbe à gauche
Dissettore doppio curvato a sinistra



18-992-16

Dissector, double curved right
Dissektor, doppelt rechts gebogen
Disector, doble curvado a la derecha
Dissecteur, double courbe à droite
Dissettore, doppio curvato a destra



18-993-16 16 cm - 6 ¼"

Instrument for placing wire prothesis
Handinstrument zum Andrücken von Drahtprothesen
Instrumento para posicionar protèsis de alambre
Instrument pour mettre en place des protheses en fils métalliques
Strumento per posizionare prothesi di fili metallici



House

18-994-01 3.5 mm
18-994-02 4.0 mm
18-994-03 4.5 mm
18-994-05 5.0 mm

16 cm - 6 ¼"
Measuring rod
Messsonde
Sonda para medir
Sonde à mesurer
Sonda per missurare





Rosen

18-995-16

1.5 mm Ø - 90°
Circular cutting knife
Rundschnittmesser
Cuchillo redondo
Couteau rond
Coltello rotondo



18-996-16

45°
Tympanum knife
Trommelfellmesser
Cuchillo para el timpano
Couteau pour le tympan
Coltello per timpani



18-997-16

45°
Lancet knife
Lanzenmesser
Cuchillo lanceolado
Couteau lancéolaire
Coltello lancelato



18-998-16 16 cm - 6 ¼"

Lancet knife
Lanzenmesser
Cuchillo lanceolado
Couteau lancéolaire
Coltello lancelato



Schuhknecht

18-999-16

Rollerknife, parallel
Rollermesser, paralell
Cuchillo redondo, vertical
Couteau à lame, tournante, verticale
Coltello rotondo, paralello



18-100-16 16 cm - 6 ¼"

Rollerknife, right angled
Rollermesser, rechtwinklig
Cuchillo redondo, horizontal
Couteau à lame, tournante, horizontale
Coltello rotondo, orizontale



18-101-00

Sickle knife, slightly curved
Sichelmesser, leicht gebogen
Cuchillo de hoz, ligeramente curvado
Couteau faucille, légèrement courbe
Coltello a ferma di falce, legermente curvo



18-102-00

Discision knife, straight
Diszisionsmesser, gerade
Cuchillo de discición, recto
Couteau à discision, droit
Coltello di dissezione, retto



Plester

18-103-16 16 cm - 6 ¼"

Flap knife
Lappenmesser
Cuchillo para lobulos
Couteau à lambeaux
Coltello per stacci



18-104-01	3.0 mm Ø
18-104-02	2.6 mm Ø
18-104-03	2.0 mm Ø
18-104-04	1.5 mm Ø
18-104-05	1.0 mm Ø

16 cm - 6 ¼"
45°
Circular cutting knife
Rundschnittmesser
Cuchillo redondo
Couteau rond
Coltello rotondo



Zöllner

18-105-16

1 mm
Raspatory
Raspatorium
Raspatorio
Rugine
Raspatorio



18-106-16 16 cm - 6 ¼"

1 mm
Raspatory
Raspatorium
Raspatorio
Rugine
Raspatorio

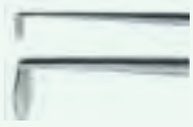


Zöllner



18-107-00 13 cm - 5"

90°
Roundknife, angled up
Rundschnittmesser, nach oben gebogen
Cuchillo redondo, angulado arriba
Coureau rond, coudé en haut
Coltello rotondo, angolato in alto



18-108-00 13 cm - 5"

90°
Roundknife, angled down
Rundschnittmesser, nach unten gebogen
Cuchillo redondo, angulado a bajo
Couteau rond, coudé en bas
Coltello rotondo, angolato in basso



18-109-00 13 cm - 5"

Sickleknife, angled up
Sichelmesser, nach oben gebogen
Cuchillo de hoz, angulado arriba
Couteau faucille, courbe vers le haut
Coltello a forma di falce, angolato in alto



18-110-00 13 cm - 5"

Sickleknife, angled down
Sichelmesser, nach unten gebogen
Cuchillo de hoz, angulado a bajo
Couteau faucille, courbe vers le bas
Coltello a forma di falce, curvato in basso



18-111-00 13 cm - 5"

Lancetknife, curved to left
Lanzenmesser, links gebogen
Cuchillo lanceolado, angulado a la izquierda
Couteau lancéolaire, courbe à gauche
Coltello lancelato, curvato a sinistra



18-112-00 13 cm - 5"

Lancetknife, curved to right
Lanzenmesser, rechts gebogen
Cuchillo lanceolado, angulado a la derecha
Couteau lancéolaire, courbe à droite
Coltello lancelato, curvato a destra



18-113-00 13 cm - 5"

Raspatory, curved to left
Raspatorium, links gebogen
Raspatorio, angulado a la izquierda
Décolleur, courbe à gauche
Raspatorio, curvato a sinistra



18-114-00 13 cm - 5"

Raspatory, curved to right
Raspatorium, rechts gebogen
Raspatorio, angulado a la derecha
Décolleur, courbe à droite
Raspatorio, curvato a destra



18-115-00 13 cm - 5"

Wire guide
Führungsgabel
Tenedor guia
Fourchette d'introduction
Forchetta guida





Zöllner

18-116-00 13 cm - 5"

Needlefine, straight, sharp
Nadel fein, gerade, spitz
Aguja fina, recta, aguda
Aiguille fine, droite, pointue
Ago fino, retto, acuto



18-117-00 13 cm - 5"

0.5 mm - 90°
Hook, angled up
Häkchen, nach oben gebogen
Gancho, curvado arriba
Crochet, coudé en haut
Uncino, curvato in alto



18-118-00 13 cm - 5"

0.5 mm - 45°
Hook, angled down
Häkchen, nach unten gebogen
Gancho, curvado a bajo
Crochet, coudé en bas
Uncino, curvato in basso



18-119-00 13 cm - 5"

0.5 mm - 90°
Hook, angled up
Häkchen, nach oben gebogen
Gancho, curvado arriba
Crochet, coudé en haut
Uncino, curvato in alto



18-120-00 13 cm - 5"

0.5 mm - 90°
Hook, angled down
Häckchen, nach unten gebogen
Gancho, curvado a bajo
Crochet, coudé en bas
Uncino, curvato in basso



18-121-00 13 cm - 5"

1.0 mm - 45°
Hook, angled up
Häkchen, nach oben gebogen
Gancho, curvado arriba
Crochet, coudé en haut
Uncino, curvato in alto



18-122-00 13 cm - 5"

1.0 mm - 45°
Hook, angled down
Häkchen, nach unten gebogen
Gancho, curvado a bajo
Crochet, coudé en bas
Uncino, curvato in basso



18-123-00 13 cm - 5"

1.0 mm
Hook, curved up
Häkchen, rund nach oben gebogen
Gancho, redondo, curvado arriba
Crochet, courbure rond vers le haut
Uncino, rotondo, curvato in alto



18-124-00 13 cm - 5"

1.0 mm
Hook, curved down
Häkchen, rund nach unten gebogen
Gancho, redondo, curvado a bajo
Crochet, courbure rond ver le bas
Uncino, rotondo, curvato in basso





18-125-16
16 cm - 6 ¼"
Needle fine, straight, sharp
Nadel fein, gerade, spitz
Aguja fina, recta, aguda
Aiguille fine, droite, pointu
Ago fino, retto, acuto



18-126-16
16 cm - 6 ¼"
Needle, slightly curved, sharp
Nadel, leicht gebogen, spitz
Aguja, ligeramente curva, aguda
Aiguille, légèrement courbe, pointue
Ago, legeremente curvato, acuto



18-127-16
16 cm - 6 ¼"
Needle, strong curved, sharp
Nadel, stark gebogen, spitz
Aguja, muy curvada, aguda
Aiguille, très courbe, pointue
Ago, fortemente curvato, acuto





Shambaugh

18-128-01		18-129-01	0.4 mm
18-128-02		18-129-02	0.6 mm
18-128-03		18-129-03	0.8 mm
18-128-04		18-129-04	1.0 mm
45°		90°	

16 cm - 6 ¼"
Hook, angled
Häkchen, abgewinkelt
Gancho, acodado
Crochet, coudé
Uncino, angolato



18-130-01 1.0 mm
18-130-02 2.5 mm
16 cm - 6 ¼"
Hook, retrograd
Häkchen, retrograd gebogen
Gancho, acodado, retrogrado
Crochet, courbe retrograde
Uncino, curvato reterogrado



18-131-16 16 cm - 6 ¼"
0.6 mm
Hook, retrograd
Häkchen, retrograd gebogen
Gancho, acodado, retrogrado
Crochet, courbe retrograde
Uncino, curvato reterogrado



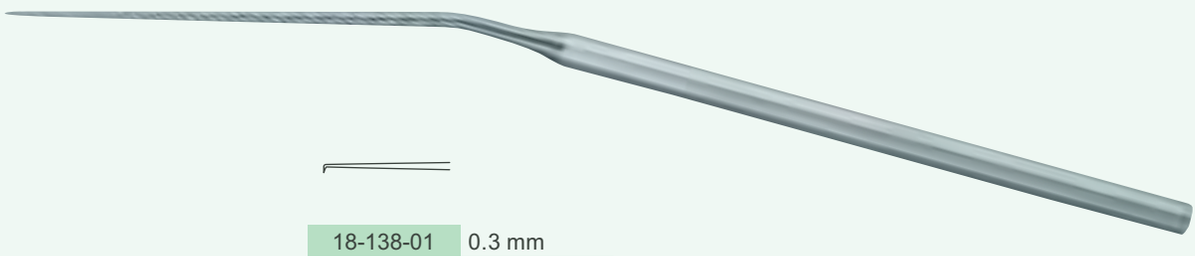
Plester
18-135-00 0.4 mm - 90°
16 cm - 6 ¼"
Foot plate hook, angled, blunt
Fussplattenhäkchen, abgewinkelt, stumpf
Gancho, para placa de aido, romo
Crochet pour la platine de l'étrier, mousse
Uncino per placca di piede, smusso



Plester
18-136-00 0.4 mm - 45°
16 cm - 6 ¼"
Antrum hook, angled, blunt
Antrum Häkchen, aufgewinkelt, stumpf
Gancho para el antrum, acodado, romo
Crochet pour l'antre, coudé, mousse
Uncino per antrum, angolato in alto, smusso

Barbara

18-132-00	18-133-00	18-134-00
16 cm - 6 ¼"	16 cm - 6 ¼"	16 cm - 6 ¼"
sharp/straight	blunt/angled	sharp/curved
spitz/gerade	stumpf/gewinkelt	spitz/gebogen
aguda/recta	roma/angulada	aguda/curva
pointue/droite	mousse/coudée	pointue/courbe
acuto/retta	smusso/angolato	acuto/curve



Shambaugh

18-137-01	
18-137-02	
18-137-03	

16 cm - 6 ¼"
90°
Hook, curved up
Häkchen, nach oben gebogen
Gancho, curvado arriba
Crochet, coudé en haut
Uncino, curvato in alto

18-138-01	0.3 mm
18-138-02	0.6 mm
18-138-03	1.0 mm

16 cm - 6 ¼"
90°
Hook, curved down
Häkchen, nach unten gebogen
Gancho, curvado a bajo
Crochet, coudé en bas
Uncino, curvato in basso

McGee

18-139-01	
18-139-02	
18-139-03	

16 cm - 6 ¼"
Hook, round, curved up
Häkchen, rund, nach oben gebogen
Gancho, redondo, curvado arriba
Crochet, courbé ronde, vers le haut
Uncino, rotondo, curvato in alto

18-140-01	0.3 mm
18-140-02	0.6 mm
18-140-03	1.0 mm

16 cm - 6 ¼"
Hook, round, curved down
Häkchen, rund, nach unten gebogen
Gancho, redondo, curvado arriba
Crochet, courbé ronde vers le bas
Uncino, rotondo, curvato in basso

Barbara

18-141-15	15.5 mm - 6"

0.5 mm



Rosen

18-142-16	16 cm - 6"

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

McGee

18-143-01	
18-143-02	
18-143-03	

16 cm - 6 ¼"
25°
Hook, curved up
Häkchen, nach oben gebogen
Gancho, curvado arriba
Crochet, coudé en haut
Uncino, curvato in alto

McGee

18-144-01	
18-144-02	
18-144-03	

16 cm - 6 ¼"
25°
Hook, curved down
Häkchen, nach unten gebogen
Gancho, curvado a bajo
Crochet, coudé en bas
Uncino, curvato in basso

McGee

18-145-01	
18-145-02	
18-145-03	

16 cm - 6 ¼"
45°
Hook, curved up
Häkchen, nach oben gebogen
Gancho, curvado arriba
Crochet, coudé en haut
Uncino, curvato in alto

McGee

18-146-01	0.3 mm
18-146-02	0.6 mm
18-146-03	1.0 mm

16 cm - 6 ¼"
45°
Hook, curved
Häkchen, nach unten gebogen
Gancho, curvado a bajo
Crochet, coudé en bas
Uncino, curvato in basso

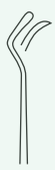


Fisch



18-147-15

15.5 cm - 6"
angled to the right
rechts abgewinkelt
angulado por la derecha
coudé à droite
angulato a destra



18-148-15

15.5 cm - 6"
angled to the left
links abgewinkelt
angulado por la izquierda
coudé à gauche
angulato a sinistra



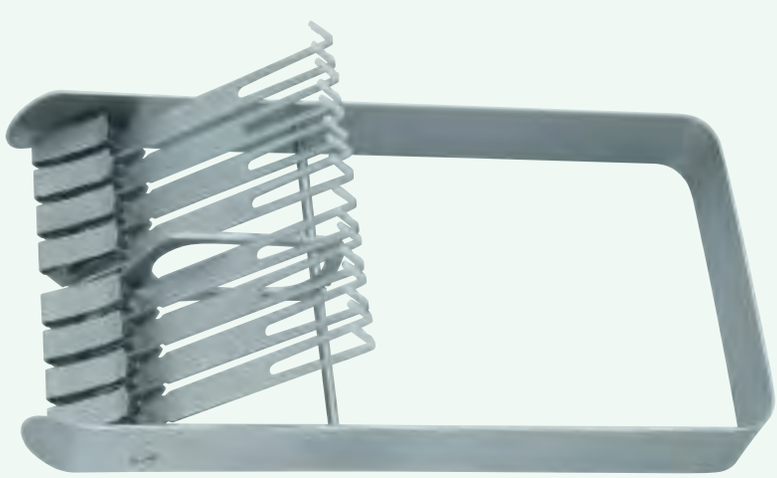
18-149-15

15.5 cm - 6"
angled to the right
rechts abgewinkelt
angulado por la derecha
coudé à droite
angulato a destra



18-150-15

15.5 cm - 6"
angled to the left
links abgewinkelt
angulado por la izquierda
coudé à gauche
angulato a sinistra



Bekko

18-151-00

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



House

18-152-17 17 cm - 6 ¾"

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

18-153-17 17 cm - 6 ¾"

Spoon, slightly curves
Löffel, leicht gebogen
Cureta, ligeramente curvada
Curette, légèrement coudée
Cucchaio, legeremente curvato



Shea

18-154-16
16 cm - 6 ¼"
straight
gerade
recta
droits
retto

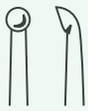


18-155-00 1.5 mm x 2.5 mm

curved
gebogen
curva
courbe
curvo



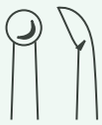




House

18-156-15 15 cm - 6"

1.0 mm Ø and 1.2 mm Ø
Spoon strong curved
Löffel stark gebogen
Cureta, muy curvada
Curette fortement coudée
Cucchaio, fortemente curvato



18-157-15 15 cm - 6"

1.5 mm Ø and 1.8 mm Ø
Spoon strong curves
Löffel stark gebogen
Cureta, muy curvada
Curette fortement coudée
Cucchaio, fortemente curvato

House

18-158-15 15 cm - 6"

1.0 mm Ø and 1.2 mm Ø

18-159-15 15 cm - 6"

1.5 mm Ø and 1.8 mm Ø



House

18-160-15

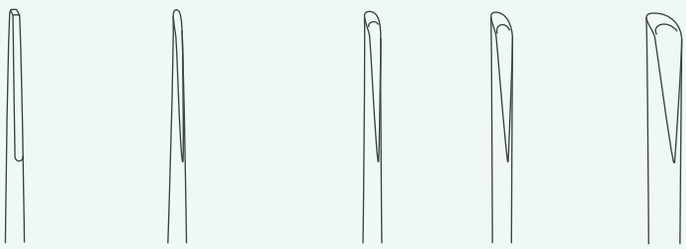
1.0 mm Ø and 1.2 mm Ø
Spoon, slightly curved
Löffel, leicht gebogen
Cureta, ligeramente curvada
Curette, légèrement coudée
Cucchaio, legeremente curvato



18-161-15 15 cm - 6”

1.5 mm Ø and 1.8 mm Ø
Spoon, slightly curves
Löffel, leicht gebogen
Cureta, ligeramente curvada
Curette, légèrement coudée
Cucchaio, legeremente curvato





Heermann

18-162-01	18-163-02	18-164-03	18-165-04	18-166-05
0.7mm	0.7mm	1.0mm	1.5mm	3.0mm
Chisel	Gouge	Gouge	Gouge	Gouge
Flachmeissel	Hohlmeissel	Hohlmeissel	Hohlmeissel	Hohlmeissel
Escoplo	Gubia	Gubia	Gubia	Gubia
Ciseaux	Gouge	Gouge	Gouge	Gouge
Scalpello	Sgorbia	Sgorbia	Sgorbia	Sgorbia



Heermann

18-167-00

Handle for chisels
Handgriff für Meissel
Mango para escoplos
Manche pour ciseaux
Manico per scalpelli/sgorbie



Heermann

18-168-19 19.5 cm - 7 ¾"

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



Cottle

18-169-19 19 cm - 7 ½"

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



Wullstein

18-170-16	18-171-16
16 cm - 6 ¼”	16 cm - 6 ¼”
straight	curved
gerade	gebogen
recta	curva
droite	courbe
rette	curvo



Rosen
Fig. 1

18-172-17
2.5 mm
bayonet shaped
bajonettförmig
en forma de bayoneta
en forme de baionette
forma a baionetta



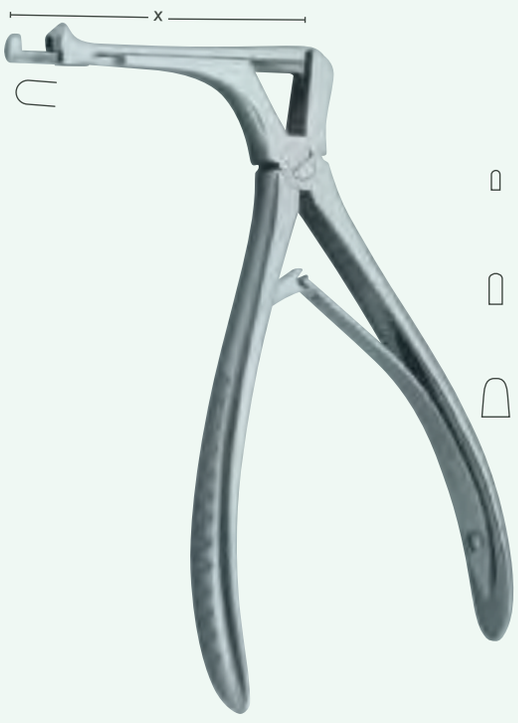
Fig. 2

18-173-17	17.5 cm - 7”
1.5 mm	
bayonet shaped	
bajonettförmig	
en forma de bayoneta	
en forme de baionette	
forma a baionetta	



Lempert

18-174-16	16 cm - 6 ¼”
3.0 mm	



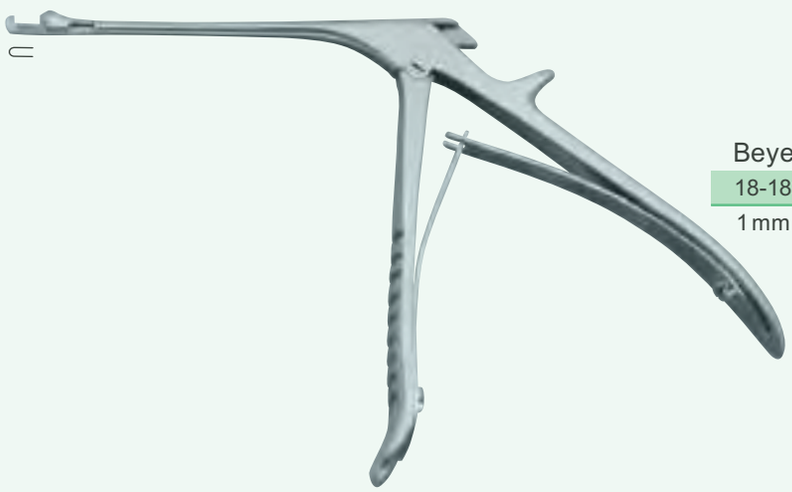
Citelli

18-175-17	17 cm - 6 ¾"	x =60mm 1.5mm
18-176-17	17 cm - 6 ¾"	2.2 mm
18-177-17	17 cm - 6 ¾"	3.0 mm



Kerrison

18-178-20	18-179-20	18-180-20	18-181-20	x = 80mm
3 x 3mm 20 cm - 8"	4 x 4 mm	5 x 5mm	6 x 6 mm	



Beyer

18-182-14	14 cm - 5 ½"
1 mm	



Beyer

18-183-19	19 cm - 7 ½"
2 mm	



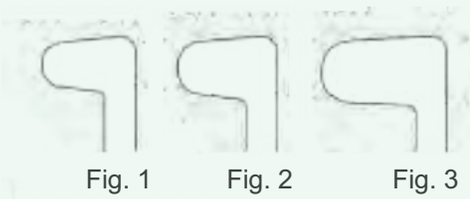


Fig. 1 Fig. 2 Fig. 3

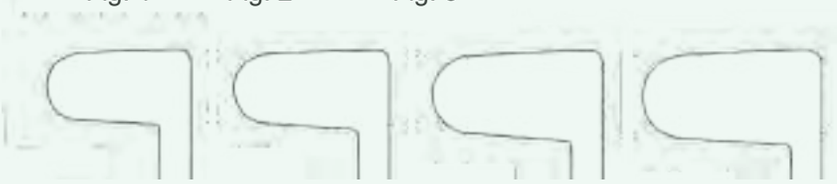


Fig. 4 Fig. 5 Fig. 6 Fig. 7

Thudichum
(Mark Hovell)

18-328-01	Fig. 1	8.5 x 6 mm
18-328-02	Fig. 2	9.0 x 7 mm
18-328-03	Fig. 3	12.5 x 8 mm
18-328-04	Fig. 4	15 x 8.5 mm
18-328-05	Fig. 5	16.5 x 9 mm
18-328-06	Fig. 6	18 x 10 mm
18-328-07	Fig. 7	19.5 x 10.5 mm

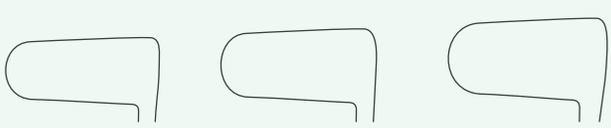
18-328-00
Set of 7 pcs. Fig. 1 - 7

Thudichum
(Mark Hovell)

18-329-01	Fig. 1	8.5 x 6 mm
18-329-02	Fig. 2	9.0 x 7 mm
18-329-03	Fig. 3	12.5 x 8 mm
18-329-04	Fig. 4	15 x 8.5 mm
18-329-05	Fig. 5	16.5 x 9 mm
18-329-06	Fig. 6	18 x 10 mm
18-329-07	Fig. 7	19.5 x 10.5 mm

Insulated
18-329-00
Set of 7 pcs. Fig. 1 - 7





Thudichum
(Goldsmith)

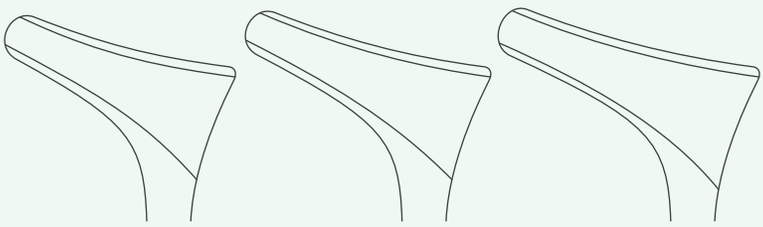
18-236-06
21 mm x 9.5 mm

18-237-06
21 mm x 10.5 mm

18-238-06 6.5 cm - 2 ¼"
21 mm x 11.5 mm

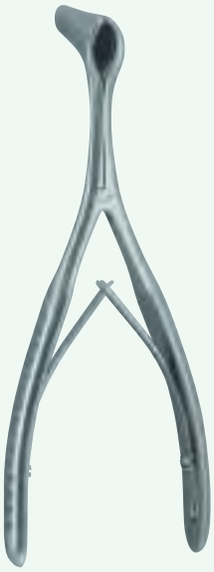
18-236-00
Set of 3 pcs.

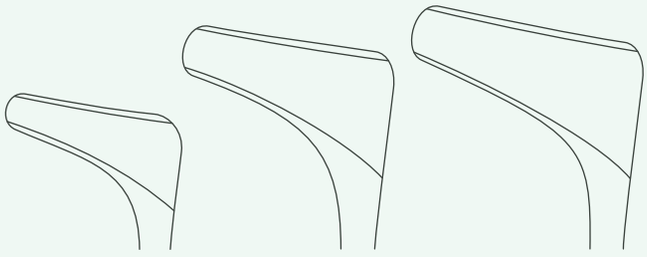




Hartmann

18-239-16	18-240-16	18-241-16	16 cm - 6 ¼"
Fig. 1	Fig. 2	Fig. 3	

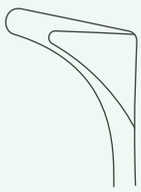




Hartmann-Halle

18-242-15	18-243-15	18-244-15	15 cm - 6"
Fig. 1	Fig. 2	Fig. 3	

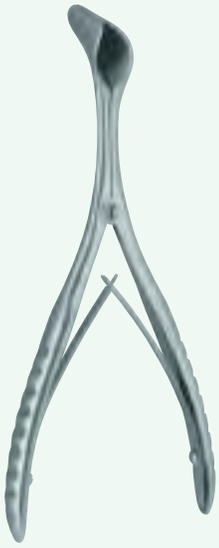


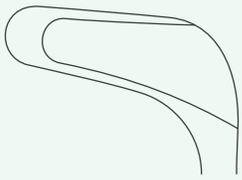


Tieck-Halle

18-245-13 13.5 cm - 5 ¼"

for babies
für Säuglinge
para lactantes
pour nourrissons
per lattanti

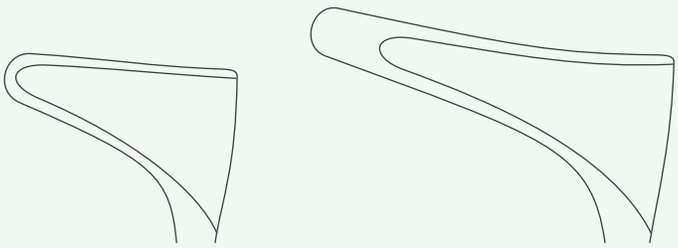




Schwarz

18-246-14 14 cm - 5 ¼"

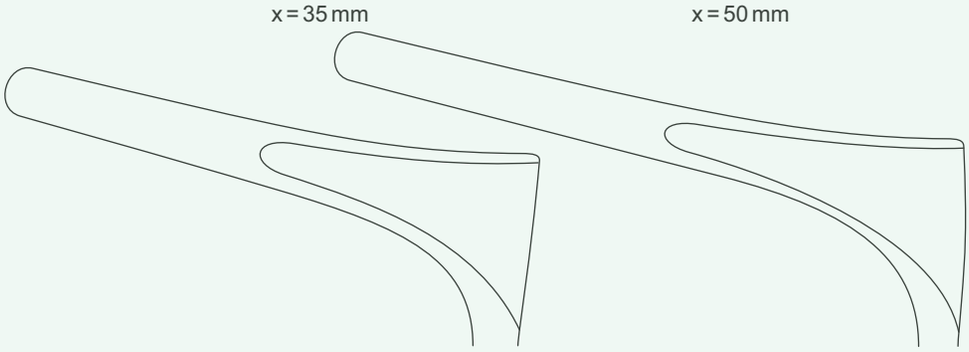




Killian

18-247-13
x = 35 mm

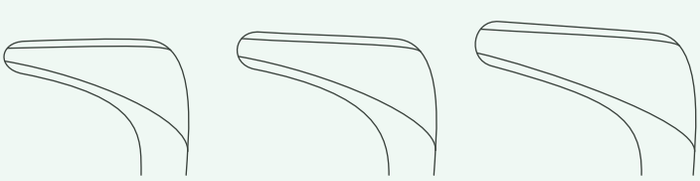
18-248-13 13 cm - 5"
x = 50 mm



18-249-13
x = 75 mm

18-250-13 13 cm - 5"
x = 90 mm



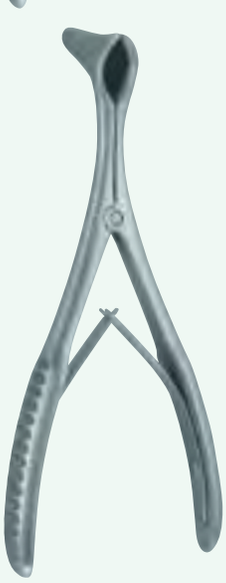


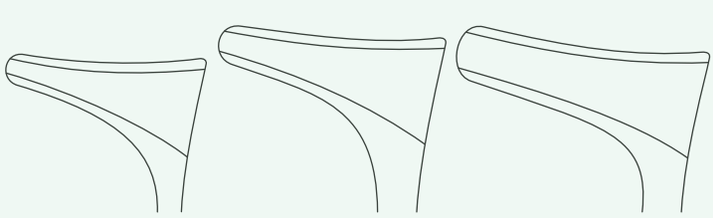
Beckmann

18-251-15
Fig. 1

18-252-15
Fig. 2

18-253-15 15 cm - 6"
Fig. 3





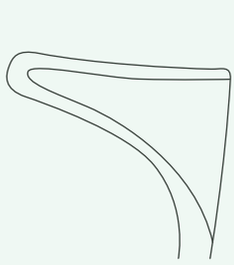
Mod. Wien

18-254-14
Fig. 1

18-255-14
Fig. 2

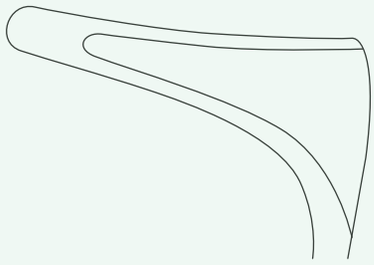
18-256-14 14.5 cm - 5 ¾"
Fig. 3



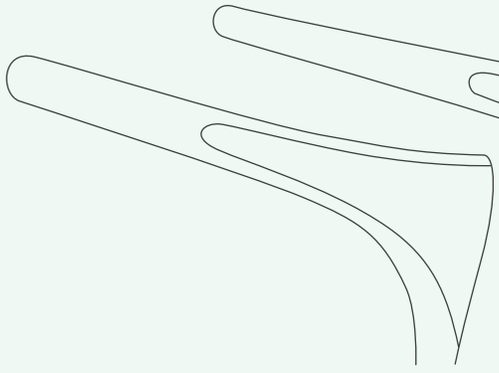


Cottle

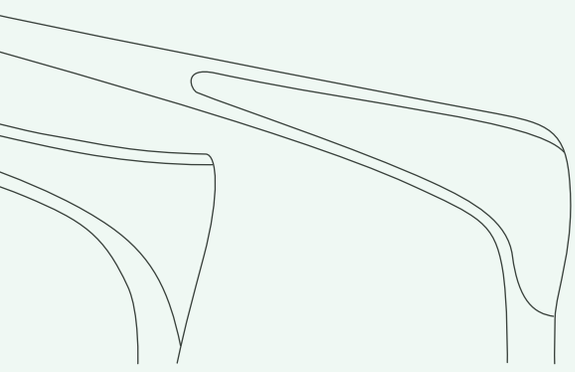
18-257-15
x = 35 mm



18-258-15 15 cm - 6"
x = 50 mm

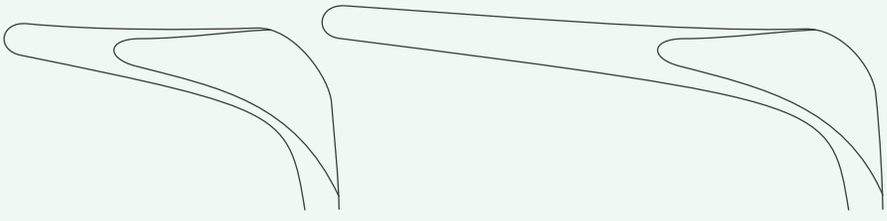


18-259-15
x = 75 mm



18-260-15 15 cm - 6"
x = 90 mm





Cottle

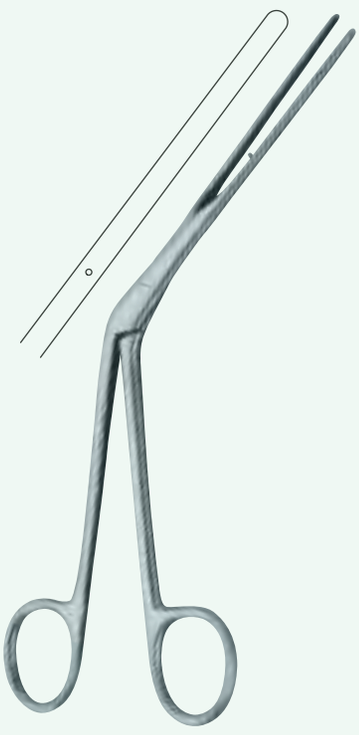
18-261-14B
x = 45 mm
black, chrome plated
schwarz verchromt
chromado en negro
chromé en noir
cromato nero

18-262-14B 14 cm - 5 ½"
x = 75 mm



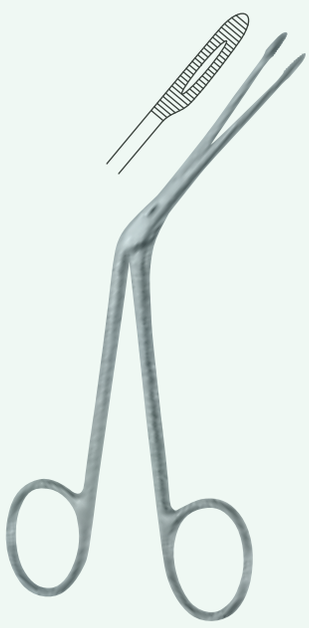
Westmacott

18-263-20	20 cm - 8"



Lubet-Barbon

18-264-20	20 cm - 8"



Hartmann

18-265-16	16 cm - 6 ¼"
18-265-20	20 cm - 8"



Tilley

18-266-14	14 cm - 5 ½"



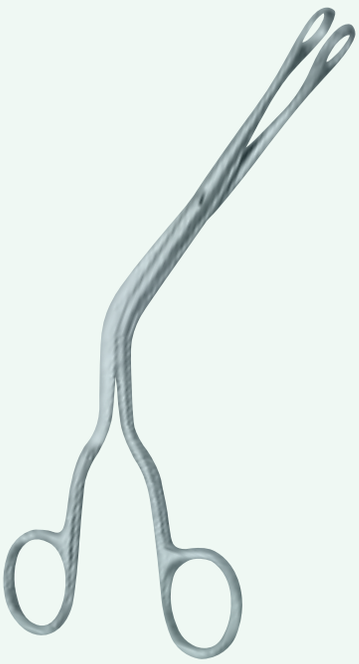
Heymann-Knight

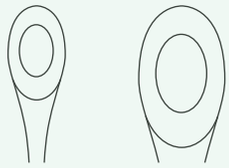
18-267-18	18 cm - 7"

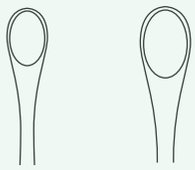


Craig

18-268-18	18 cm - 7"

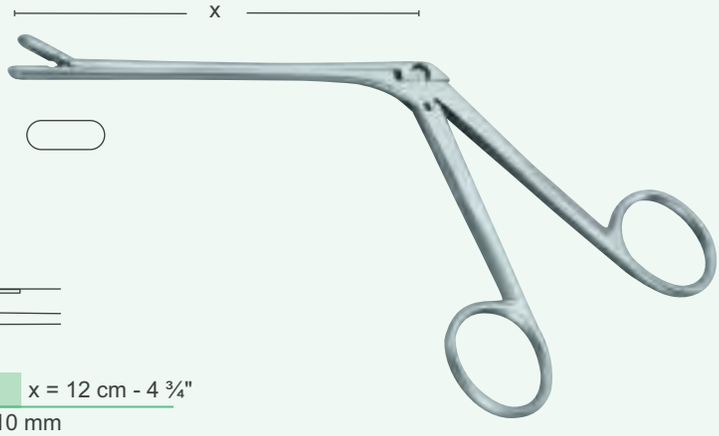


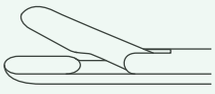


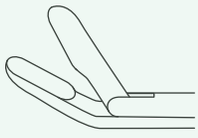


Luc

18-275-20	18-276-20	20 cm - 8"	18-277-01	18-278-02
Fig. 1	Fig. 2		Fig. 1	Fig. 2
fenestraded gefenstert fenestrado fenètré finestrato			plaine voll lleno pleine pieno	

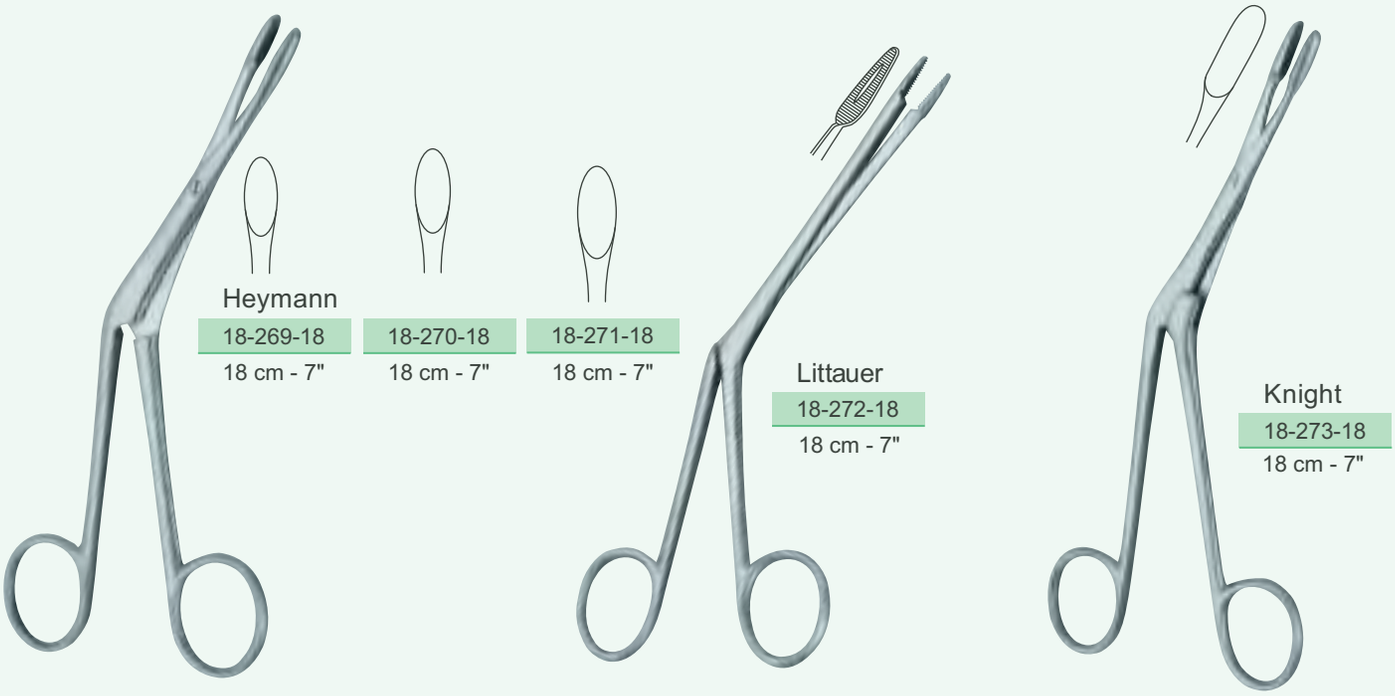






Takahashi

18-279-12	18-280-12	x = 12 cm - 4 ¾"
3.5 mm x 10 mm	3.5 mm x 10 mm	



Heymann
18-269-18
18 cm - 7"

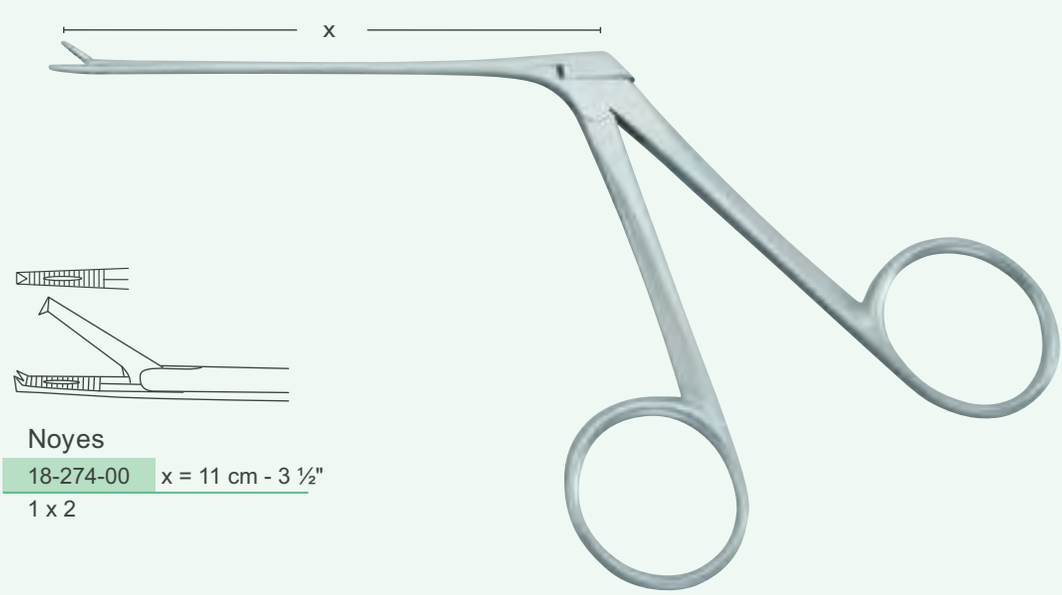
18-270-18
18 cm - 7"

18-271-18
18 cm - 7"

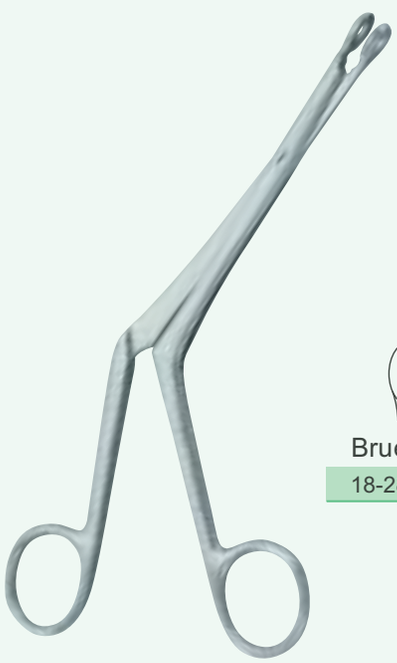
Littauer
18-272-18
18 cm - 7"

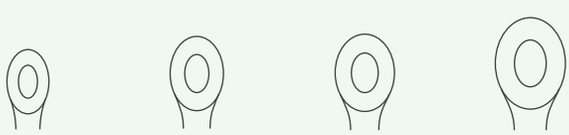
Knight
18-273-18
18 cm - 7"

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



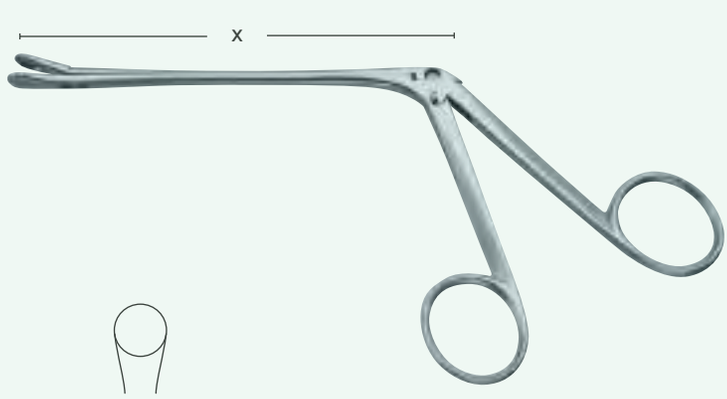
Noyes
18-274-00 x = 11 cm - 3 ½"
1 x 2

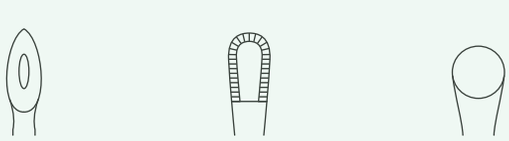




Bruenings

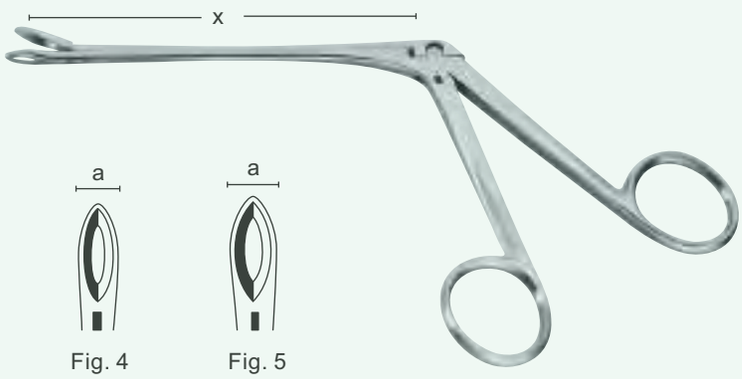
18-281-19	18-282-19	18-283-19	18-284-19	19 cm - 7 ½"





Weil | Watson-Williams

18-285-12	18-286-12	18-287-12	x = 12 cm - 4 ¾"



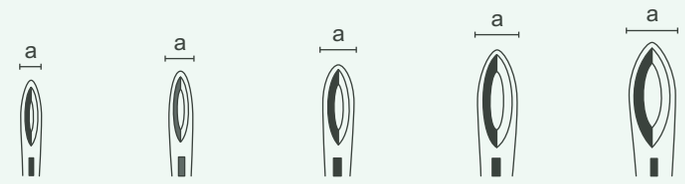
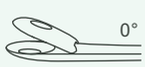


Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5

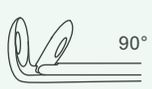
Weil-Blakesley



18-288-12	18-289-12	18-290-12	18-291-12	18-292-12	x = 12 cm - 4 ¾"
a = 3.0mm	a = 3.5mm	a = 4.5mm	a = 5.0mm	a = 5.5mm	



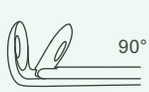
18-293-00	18-294-00	18-295-00	18-296-00
a = 3.0mm	a = 3.5mm	a = 4.5mm	a = 5.0mm



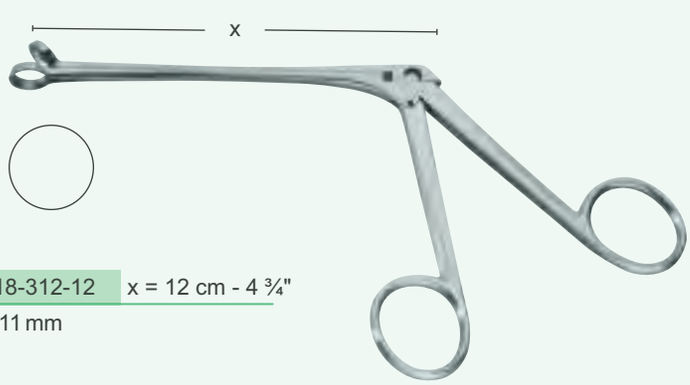
18-297-00	18-298-00	18-299-00
a = 3.0mm	a = 3.5mm	a = 4.5mm



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
18-300-18	18-301-18	18-302-18	18-303-18	18-304-18	x = 18 cm - 7"
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm	



18-305-18	18-306-18	18-307-18	18-308-18	x = 18 cm - 7"
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	





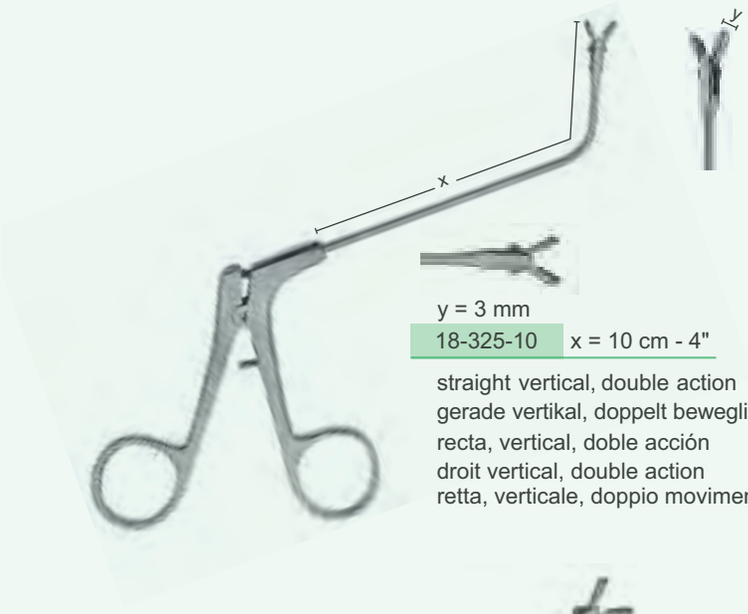
Hartmann

18-309-12	18-310-12	18-311-12	18-312-12	x = 12 cm - 4 ¾"
5 mm	7 mm	9 mm	11 mm	



Myles

18-313-12	18-314-12	18-315-12	x = 12 cm - 4 ¾"
Fig. 1 2.0 x 10.0 mm	Fig. 2 2.5 x 12.0 mm	Fig. 3 3.0 x 14.0 mm	



y = 3 mm
18-325-10 x = 10 cm - 4"
straight vertical, double action
gerade vertikal, doppelt beweglich
recta, vertical, doble acción
droit vertical, double action
retta, verticale, doppio movimento



y = 3 mm
18-326-10 x = 10 cm - 4"
straight hor., double action
gerade hor., doppelt beweglich
recta, horizontal, doble acción
droit horizontal, double action
retta oriz., doppio movimento

y = 3 mm
18-327-10 x = 10 cm - 4"
straight hor., single action, short
gerade hor., einfach beweglich, kurz
recta, hor., acción simple, corto
droit hor., action simple, court
retta, oriz., movimento sing., corto



y = 3 mm
18-328-10 x = 10 cm - 4"
45° vertical, double action
45° vertikal, doppelt beweglich
45° vertical, doble acción
45° vertical, double action
45° verticale, doppio movimento



y = 3 mm
18-329-10 x = 10 cm - 4"
45° hor., double action
45° hor., doppelt beweglich
45° hor., doble acción
45° hor., double action
45° oriz., doppio movimento

y = 3 mm
18-330-10 x = 10 cm - 4"
45° vert., single action, short
45° vert., einfach beweglich, kurz
45° vert., acción simple, corto
45° vert., action simple, court
45° vert., movimento sing., corto



y = 3 mm
18-331-10 x = 10 cm - 4"
70° vertical, double action
70° vertikal, doppelt beweglich
70° vertical, doble acción
70° vertical, double action
70° verticale, doppio movimento



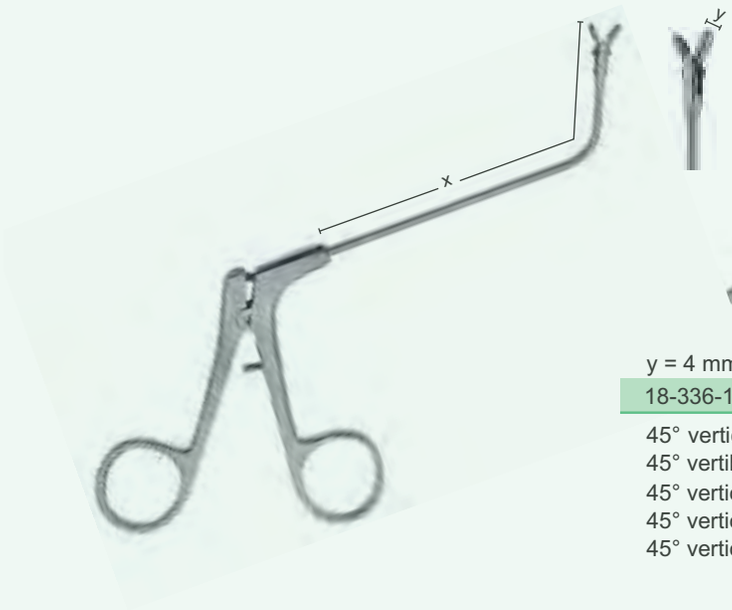
y = 3 mm
18-332-10 x = 10 cm - 4"
70° hor., double action
70° hor., doppelt beweglich
70° hor., doble acción
70° hor., double action
70° oriz., doppio movimento



y = 3 mm
18-333-10 x = 10 cm - 4"
110° hor., double action
110° hor., doppelt beweglich
110° hor., doble acción
110° hor., double action
110° oriz., doppio movimento

y = 3 mm
18-334-10 x = 10 cm - 4"
70° vert., single action, short
70° vert., einfach beweglich, kurz
70° vert., acción simple, corto
70° vert., action simple, court
70° vert., movimento sing., corto

y = 3 mm
18-335-10 x = 10 cm - 4"
70° hor., single action
70° hor., einfach beweglich
70° hor., acción simple, corto
70° hor., action simple, court
70° oriz., movimento sing., corto





y = 4 mm
18-336-10 x = 10 cm - 4"

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



y = 4 mm
18-337-10 x = 10 cm - 4"

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

y = 4 mm
18-338-10 x = 10 cm - 4"

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



y = 4 mm
18-339-10 x = 10 cm - 4"

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

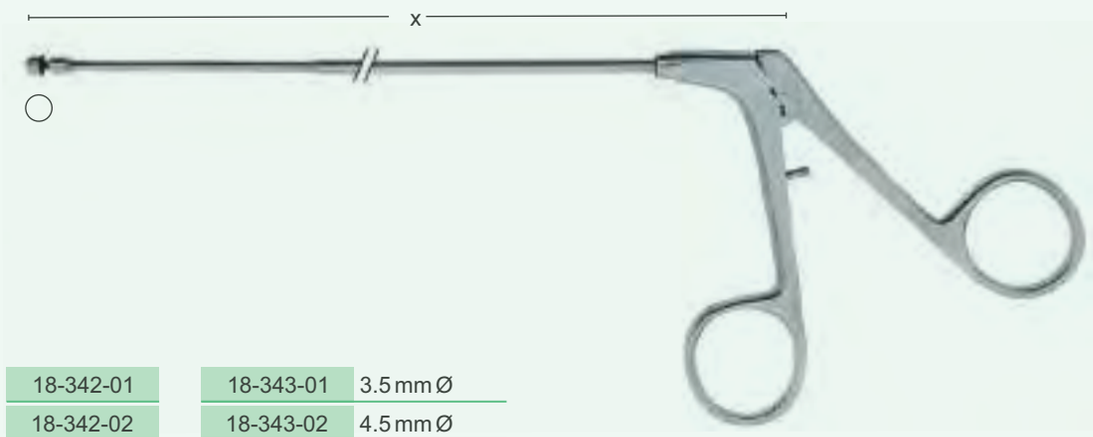


y = 4 mm
18-340-10 x = 10 cm - 4"

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

y = 4 mm
18-341-10 x = 10 cm - 4"

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

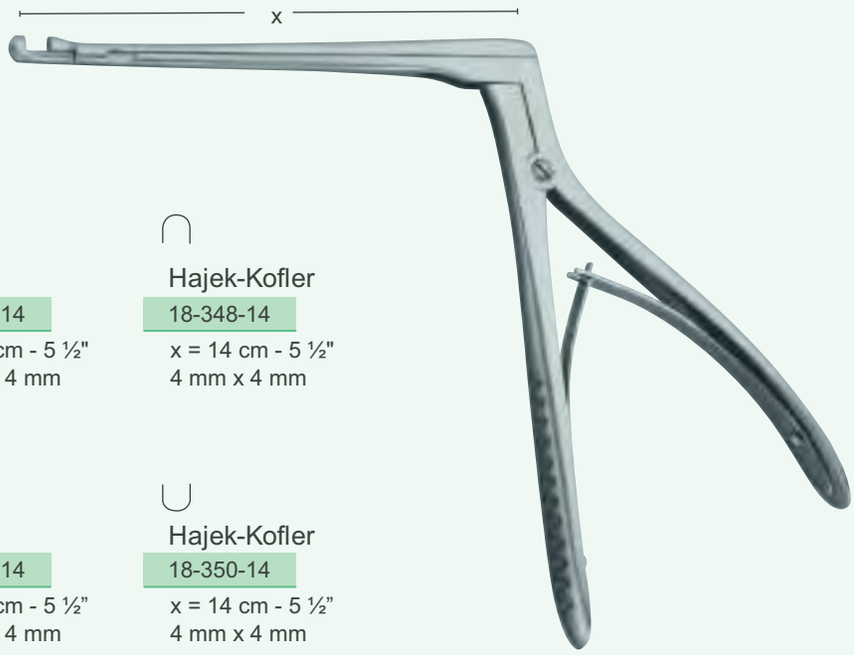


18-342-01	18-343-01 3.5 mm Ø
18-342-02	18-343-02 4.5 mm Ø
x = 180 mm – 7"	x = 180 mm – 7"
straight	curved upwards
gerade	aufgebogen
recta	curvada arriba
droit	coudé en haut
retta	curvata in alto

Antrum punch
Antrumstanze
Pinza antrum
Pince pour l'antrum
Antro pugno



18-344-01	18-345-02	18-346-03 1.5 mm x 4.5 mm
Fig. 1	Fig. 2	Fig. 3
x = 100 mm		
backward, up-cutting	backward, cut to the right	backward, cut to the left
rückwärts nach oben schneidend	rückwärts nach rechts schneidend	rückwärts nach links schneidend
retrograda corte arriba	retrograda corte a la derecha	retrograda corte a la izquierda
retrograde coupe en haut	retrograde coupe à droite	retrograde coupe à gauche
retrograda tagliente in alto	retrograda tagliente a destra	retrograda tagliente a sinistra





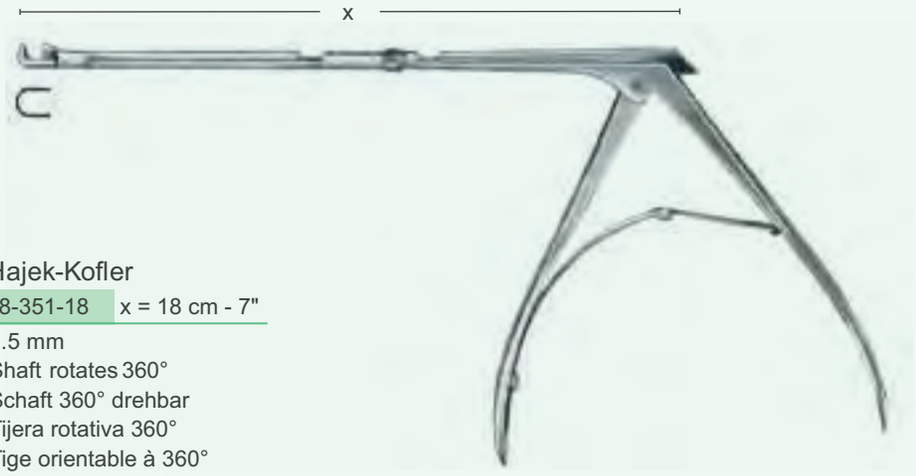
Hajek
18-347-14
x = 14 cm - 5 ½"
4 mm x 4 mm

Hajek-Kofler
18-348-14
x = 14 cm - 5 ½"
4 mm x 4 mm

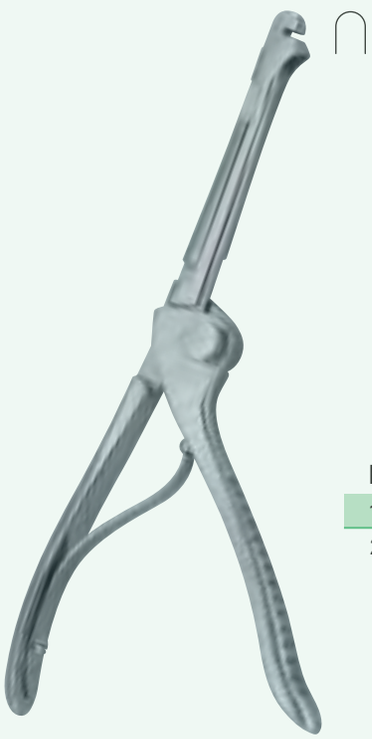


Hajek
18-349-14
x = 14 cm - 5 ½"
4 mm x 4 mm

Hajek-Kofler
18-350-14
x = 14 cm - 5 ½"
4 mm x 4 mm



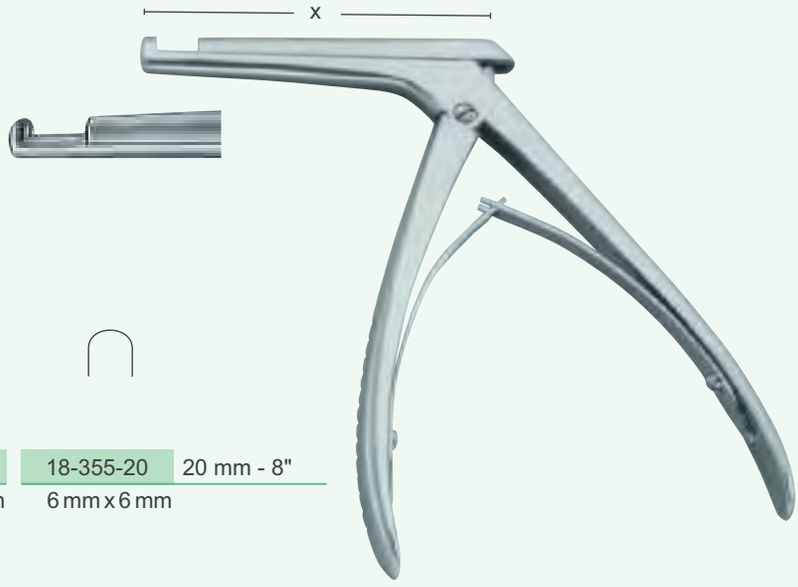
Hajek-Kofler
18-351-18 x = 18 cm - 7"
3.5 mm
Shaft rotates 360°
Schaft 360° drehbar
Tijera rotativa 360°
Tige orientable à 360°
Asta girevole 360°



Hajek-Claus

18-352-20

20 mm - 8"



Kerrison

18-353-20	18-354-20	18-355-20	20 mm - 8"
4 mm x 4 mm	5 mm x 5 mm	6 mm x 6 mm	

x = 9 cm - 3 ½"



Snare

18-356-00	0.3 mm Ø 100 mm



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



Krause

18-357-26	26 cm - 10 ¼"



Krause-Voss

18-358-26	26 cm - 10 ¼"

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

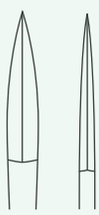


Lange-Wilde

18-359-24	24 cm - 9 ½"



Fomon
18-360-16
16.5 cm - 6 ½"



Joseph
18-361-16
Fig. 1
sharp/sharp
scharf/spitz
cortante/agudo
tranchant/pointu
acuto



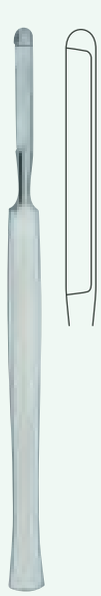
18-362-16
Fig. 2
straight
gerade
recta
droit
retto



18-363-16
Fig. 1



18-364-16 16 cm - 6 ¼"
Fig. 2
curved
gebogen
curva
courbe
curvo



Joseph
18-365-14
14 cm - 5 ½"



Cottle
18-366-15
15 cm - 6"



Joseph
18-367-17
17.5 cm - 7"



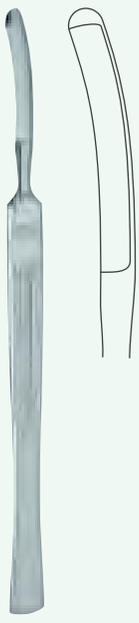
Bruenings
18-368-16
16.5 cm - 6 ½"

18-369-00
Spareblade
Ersatzklinge
Hoja de recambio
Lame de rechange
Lama di ricambio



Freer
18-370-19

18-371-19 19 cm - 6 ½"



Converse
18-372-16
16 cm - 6 ¼"



Freer
18-373-15
15 cm - 6"



Freer
18-374-15
15 cm - 6"



Freer
18-375-15
15 cm - 6"



Freer
18-376-21



18-377-21 21 cm - 8 ¼"



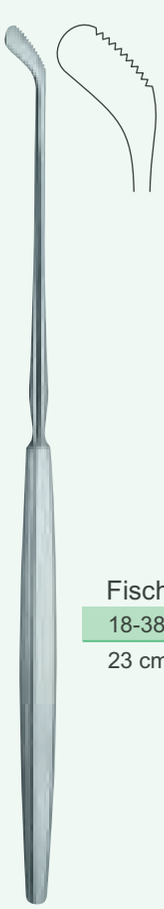
Bruno
18-378-20
20 cm - 8"
Sickle knife
Sichelmesser
Cuchillo falciforme
Couteau à faucille
Coltello a forma di falce



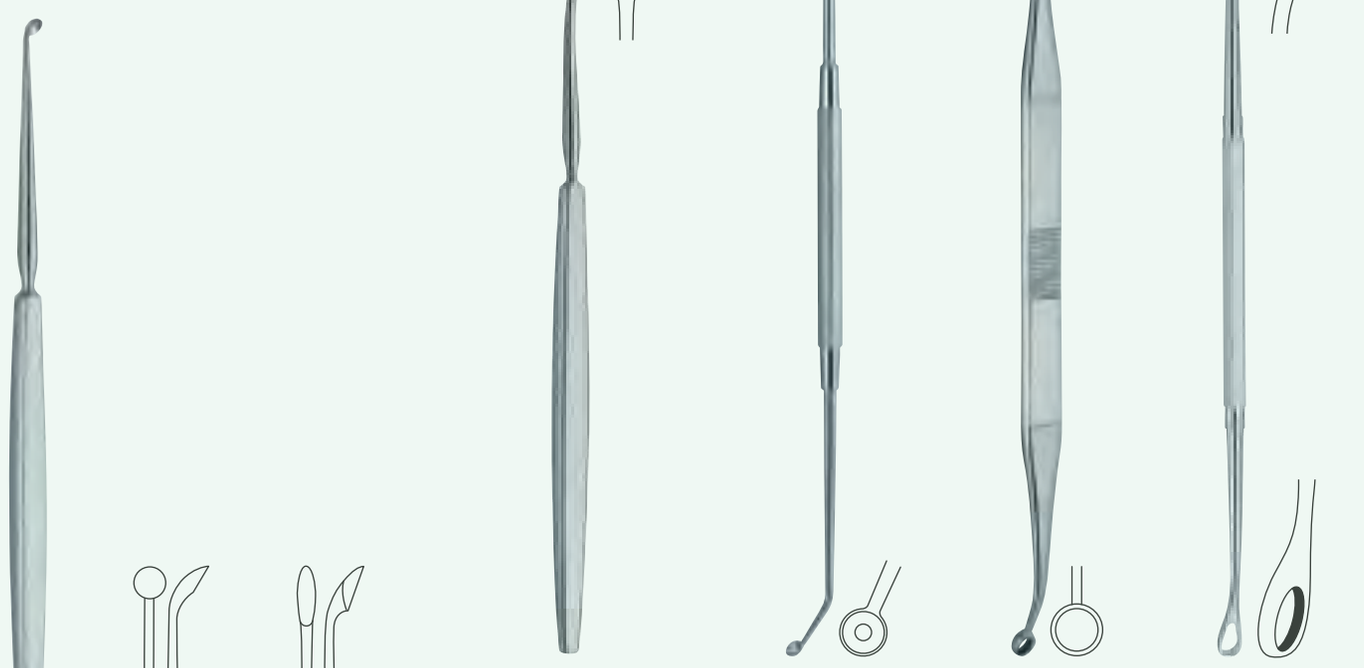
Bruenings
18-379-23
23 cm - 9"



Abraham
18-380-22
22 cm - 8 ¾"



Fischer
18-381-23
23 cm - 9"



Fulker

18-383-20
20 cm - 8"

18-384-20
20 cm - 8"

Cema

18-385-20
20 cm - 8"
7 mm x 11 mm

Pratt

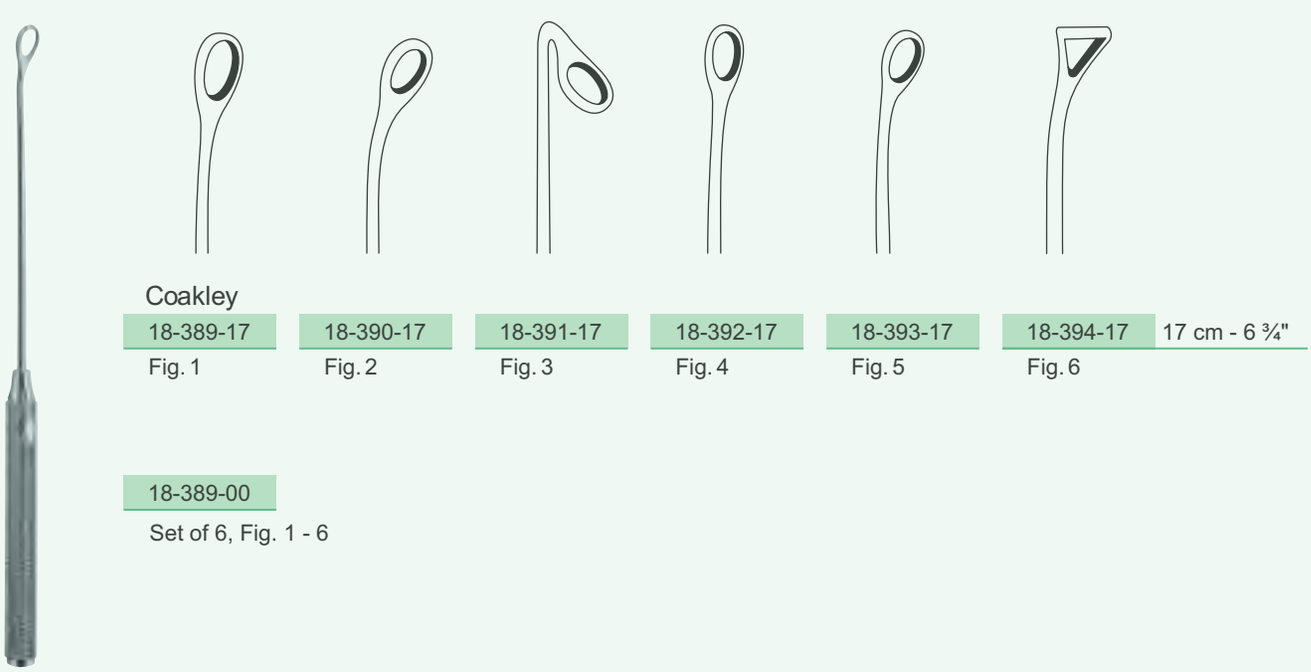
18-386-21
21 cm - 8 ¼"

Faulkner

18-387-21
21 cm - 8 ¼"

Coakley

18-388-20
20 cm - 8"



Coakley

18-389-17
Fig. 1

18-390-17
Fig. 2

18-391-17
Fig. 3

18-392-17
Fig. 4

18-393-17
Fig. 5

18-394-17
17 cm - 6 ¾"
Fig. 6

18-389-00
Set of 6, Fig. 1 - 6



Lempert
Fig. 1
18-395-20
20.5 cm - 8"

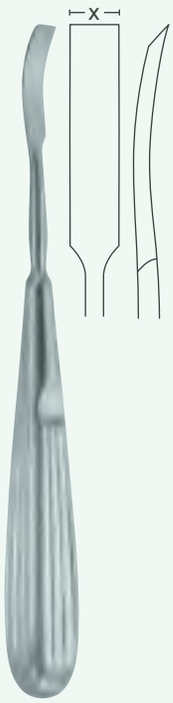


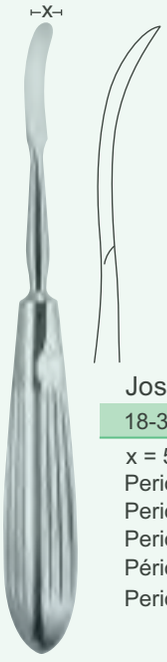
Fig. 2
18-396-18 x = 6 mm
18 cm - 7"



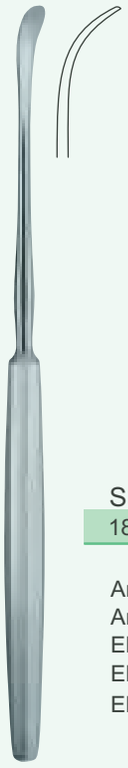
Freer
18-397-16 16 cm - 6 ¼"
x = 4 mm



Cottle
18-398-19 19 cm - 7 ½"
x = 8 mm
sharp
scharf
cortante
tranchant
acuta



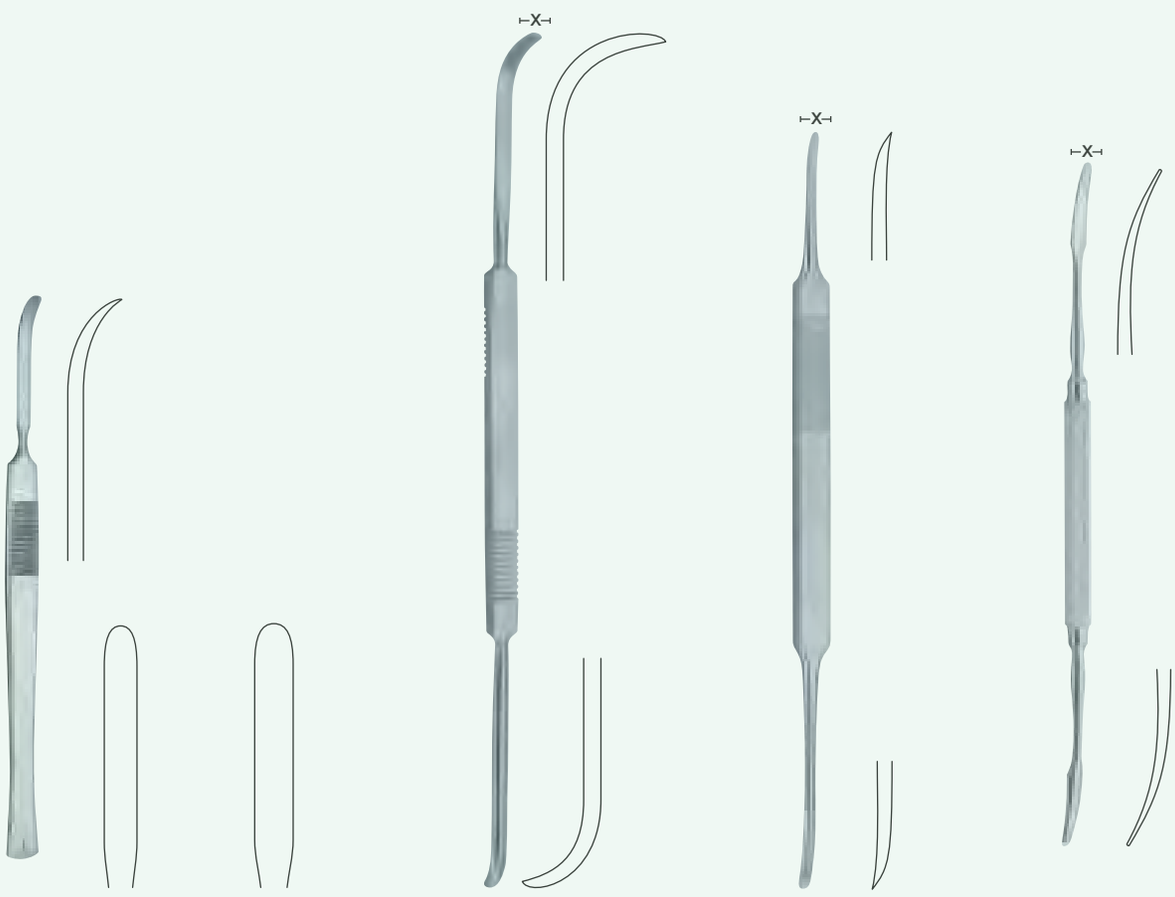
Joseph
18-399-00
x = 5 mm
Periostalelevators
Periost Elevatorien
Periostotomo
Périostotome
Periostotomo



Sewall
18-400-20 20 cm - 8"
Antrum elevator
Antrum Elevatorium
Elevador para el antro
Elévateur pour le fosse nasale
Elevatore per antro



Halle
18-401-16
16 cm - 6 ¼"



McKenty

18-402-15

15 cm - 6"
4 mm
sharp
scharf
cortante
tranchant
acuta

18-403-15

15 cm - 6"
5 mm

Cottle

18-404-23

23.5 cm - 9 ¼"
x = 5 mm
sharp
scharf
cortante
tranchant
acuta

McKenty

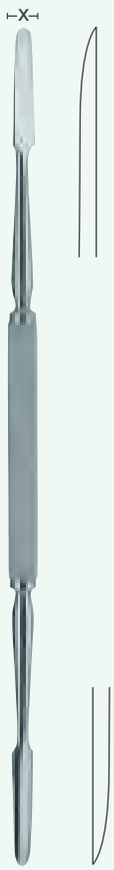
18-405-20

20.5 cm - 8"
x = 4 mm
sharp
scharf
cortante
tranchant
acuta

Killian

18-406-18

18 cm - 7"
x = 4 mm
sharp/blunt
scharf/stumpf
cortante/romo
tranchant/mousse
acuta/smussa



Killian
18-407-23
23 cm - 9"
x = 4.5 mm
sharp/blunt
scharf/stumpf
cortante/romo
tranchant/mousse
acuta/smussa



Freer
18-408-19
19 cm - 7 ½"
blunt
stumpf
romo
mousse
smussa



Freer
18-409-18
18 cm - 7"
sharp/blunt
scharf/stumpf
cortante/romo
tranchant/mousse
acuta/smussa



Freer
18-410-20
20.5 cm - 8"
sharp/blunt
scharf/stumpf
cortante/romo
tranchant/mousse
acuta/smussa



Pennington
18-411-21
21.5 cm - 8 ½"
blunt
stumpf
romo
mousse
smussa



Joseph-Masing
18-412-21
21.5 cm - 8 ½"
sharp
scharf
cortante
tranchant
acuta



Masing

18-413-20	20.8 cm - 8"



Ballenger-Hajek

18-414-19	19 cm - 7 ¼"
18-414-22	22 cm - 8 ¾"



Cottle

18-415-22	22 cm - 8 ¾"



Cottle Modified

18-416-21	21 cm - 8 ¼"



Boies

18-417-19 19 cm - 7 ½"

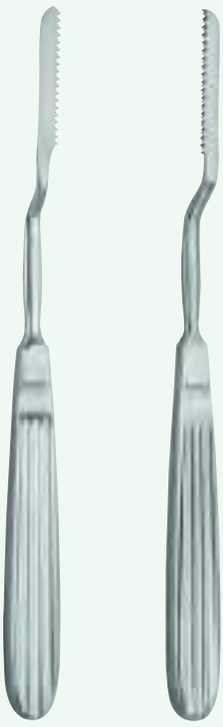
Nasalfracture elevator, blunt
Nasenfraktur Elevatorium, stumpf
Elevador para fracturas nasales, romas
Elévateur pour fractures nasales, mousse
Elevatore per fratture nasali, smussa



Goldman

18-418-17 17 cm - 6 ¾"

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



Joseph

18-421-19

19 cm - 7 ½"

18-422-19

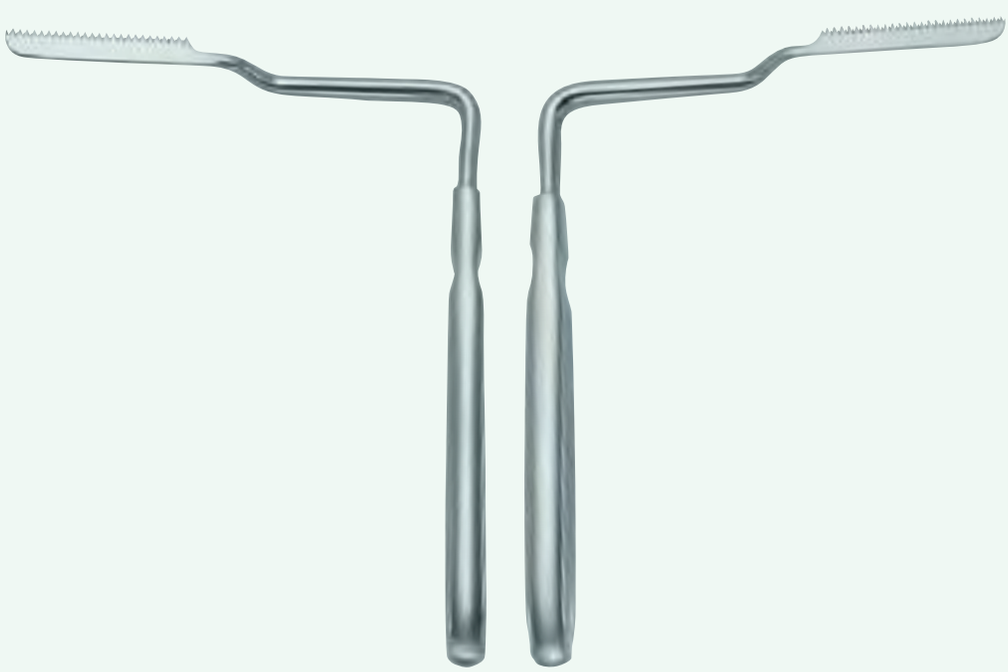
19 cm - 7 ½"



Joseph

18-423-19

19 cm - 7 ½"



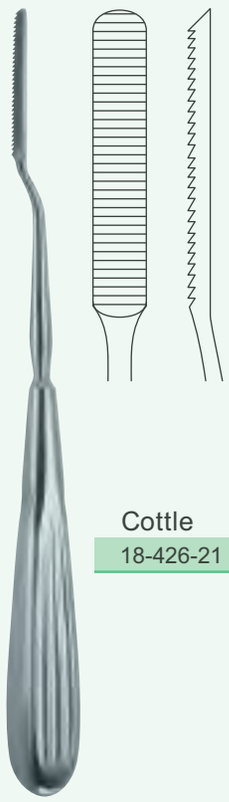
Joseph

18-424-17

17 cm - 7 ½"

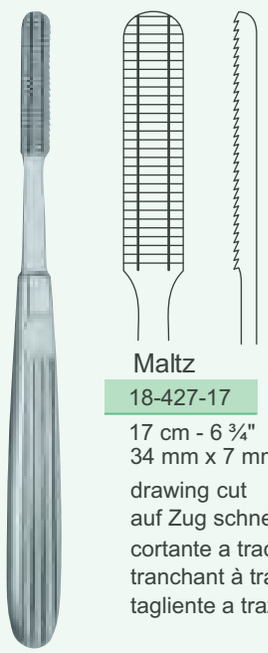
18-425-17

17 cm - 7 ½"



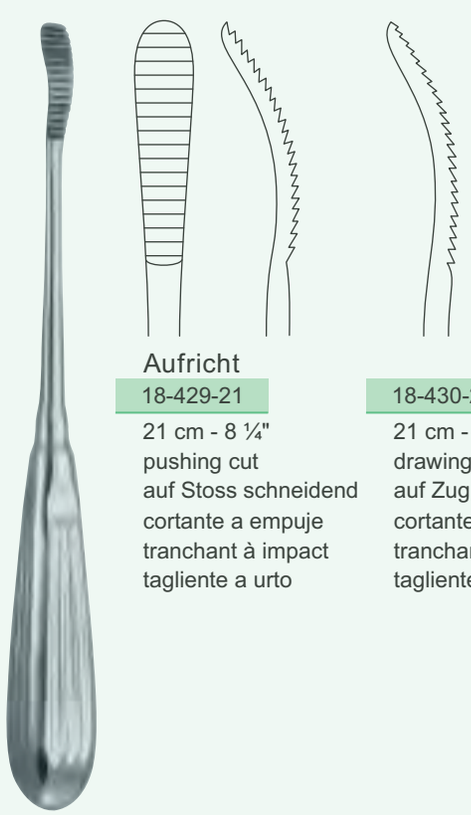
Cottle

18-426-21	21 cm - 8 ¼"



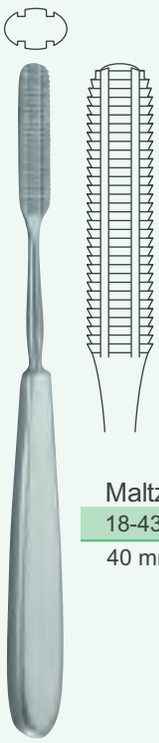
Maltz

18-427-17	18-428-17
17 cm - 6 ¾"	17 cm - 6 ¾"
34 mm x 7 mm	34 mm x 7 mm
drawing cut	pushing cut
auf Zug schneidend	auf Stoss schneidend
cortante a tracción	cortante a empuje
tranchant à traction	tranchant à impact
tagliente a trazione	tagliente a urto



Aufricht

18-429-21	18-430-21
21 cm - 8 ¼"	21 cm - 8 ¼"
pushing cut	drawing cut
auf Stoss schneidend	auf Zug schneidend
cortante a empuje	cortante a tracción
tranchant à impact	tranchant à traction
tagliente a urto	tagliente a trazione

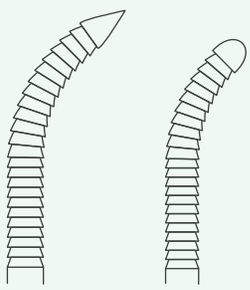


Maltz

18-431-17	17.5 cm - 7"

40 mm x 9 mm





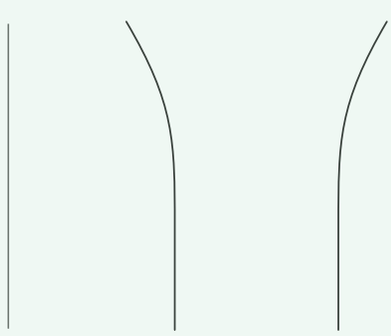
Wiener

18-432-18	18-433-18 18 cm - 7"

3.5 mm Ø 3.5 mm Ø

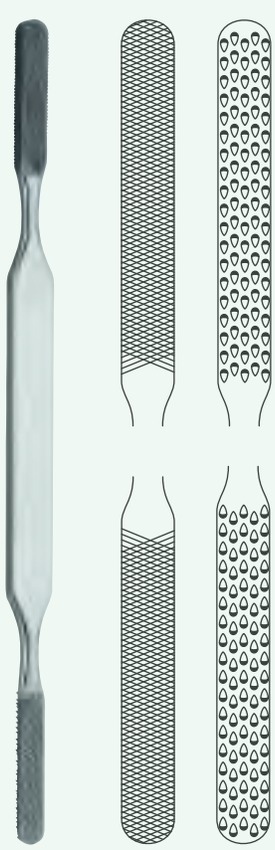
Antrum rasps
Antrum Raspeln
Limas para el antrum
Râpes pour le fosse nasale
Raspe per antrum





Gallaher

18-434-16	18-435-16	18-436-16
16 cm - 6 ¼"	16 cm - 6 ¼"	16 cm - 6 ¼"



Fomon

18-437-21
21 cm - 8 ¼"



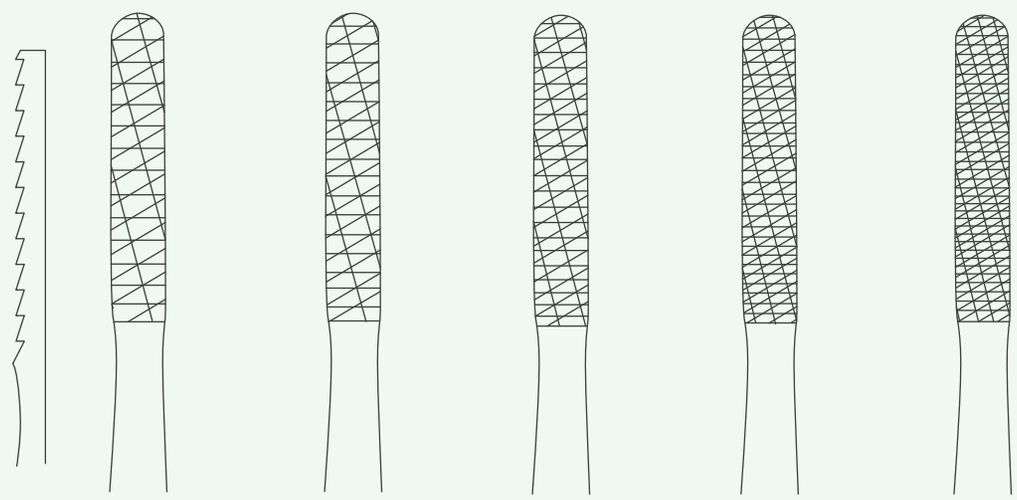


Fig. 1
12
Teeth
Zähne
Dientes
Dentes
Denti

Fig. 3
16

Fig. 5
24

Fig. 7
36

Fig. 9
52

Fomon

18-443-20T	18-444-20T	18-445-20T	18-446-20T	18-447-20T	20 mm - 8"
18-443-20	18-444-20	18-445-20	18-446-20	18-447-20	20 mm - 8"

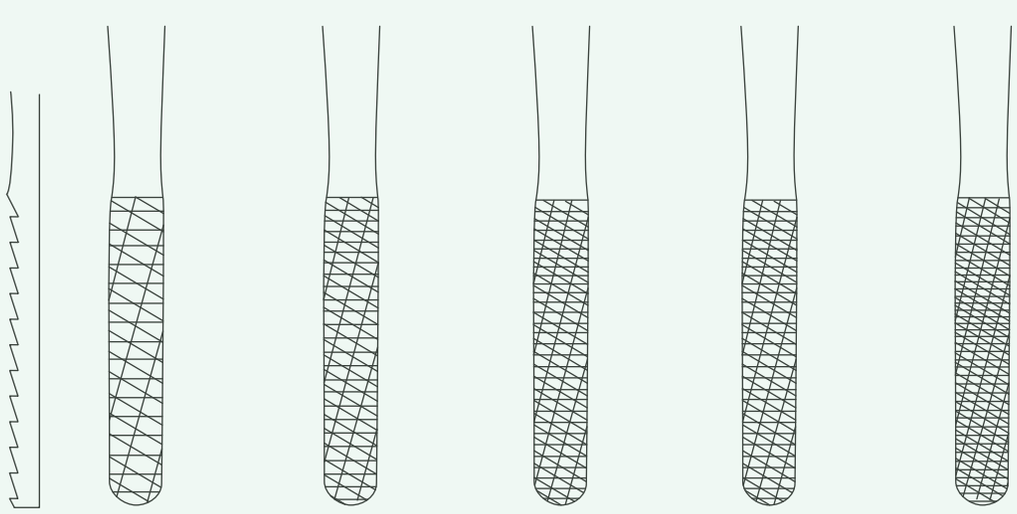


Fig. 2
14
Teeth
Zähne
Dientes
Dentes
Denti

Fig. 4
20

Fig. 6
30

Fig. 8
44

Fig. 10
62



Bruenings-Brunk

18-448-19	19 cm - 7 ½"

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



Ritter-Halle

18-449-01	2.5 mm Ø
18-449-02	3.0 mm Ø
18-449-03	4.0 mm Ø

16 cm - 6 ¼"
Frontal sinus bougies
Stirnhöhlen-Dilatatoren
Dilatatores para el sinus frontal
Dilatateurs pour le sinus frontal
Dilatatore per il seno frontale



Cottle

18-450-12	12 cm - 4 ¾"

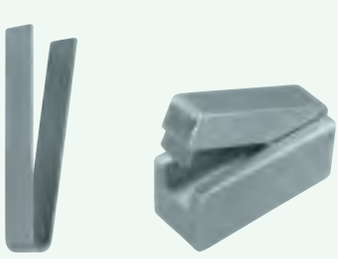
Handle
Griff
Mango
Manche
Manico



Luca

18-451-00	7 mm

Guide support for osteotomes
Führungshilfe für Osteotome
Soporte de guía para osteótomos
Support conducteur pour ostéotomes
Supporto di guida per osteotomi

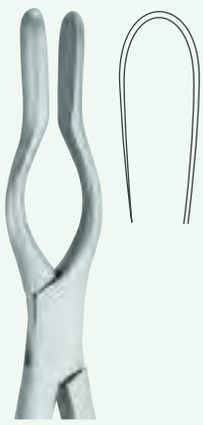


Cottle

18-452-00	65 mm x 30 mm 30 mm

Cartilage crusher
Knorpelquetsche
Machacadora
Pinces-gouge à cartilage
Torchio per cartilagine

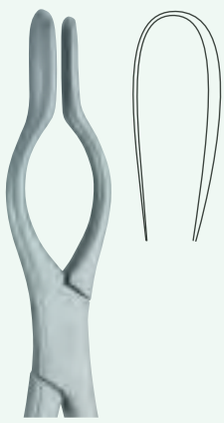




Cottle-Walsham

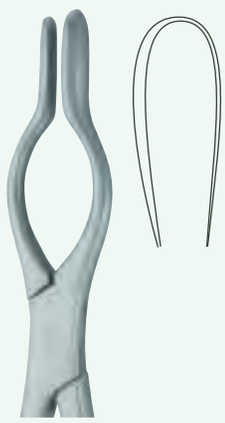
18-453-23

straight
gerade
recta
droit
rette



18-454-23

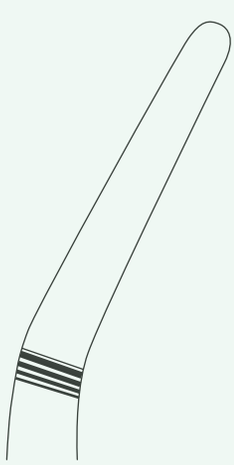
left
links
izquierda
à gauche
a sinistra



18-455-23 23 cm - 9"

right
rechts
derecha
à droite
a destra





Asch

18-456-23 23 cm - 9"

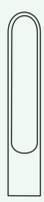




Middleton-Jansen

18-457-19 19 cm - 7 ½"

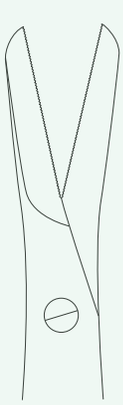




Middleton-Jansen

18-458-19 19 cm - 7 ½"



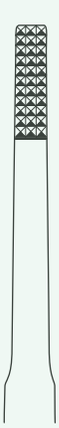


Caplan

18-459-20 20 cm - 8"

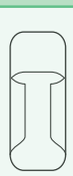
toothed
gezahnt
dentado
dentelée
dentato





Rubin

18-460-20 21 cm - 8 ¼"



18-461-00

Protection cap
Schutzkappe
Caperuza protectora
Capuchon protecteur
Calotta protettiva





St. Clair-Thomson

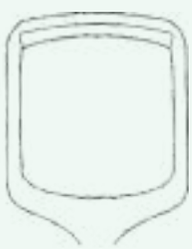
18-462-21



18-463-21



18-464-21



18-465-21 21 cm - 8 ¼"





Barnhill

18-466-22

Fig. 1



18-467-22

Fig. 2



18-468-22

Fig. 3



18-469-22 22 cm - 8 ¾"

Fig. 4









Beckmann

18-470-22	18-471-22	18-472-22	22 cm - 8 ¾"

straight
gerade
recto
droit
rette

18-473-22	18-474-22	18-475-22	22 cm - 8 ¾"

curved
gebogen
curvo
courbe
curve







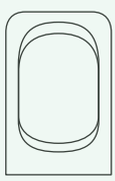
18-476-22	18-477-22	18-478-22	22 cm - 8 ¾"

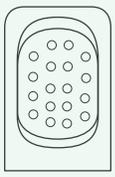
straight
gerade
recto
droit
rette

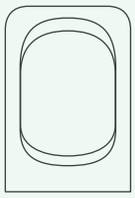
18-479-22	18-480-22	18-481-22	22 cm - 8 ¾"

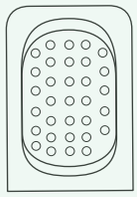
curved
gebogen
curvo
courbe
curve

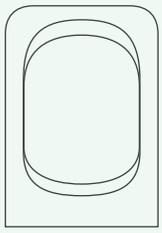


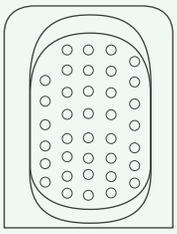










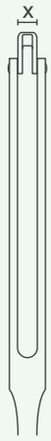


La Force

18-482-25	18-483-25	18-484-25	18-485-25	18-486-25	18-487-25
Fig. 1 25 cm - 7"		Fig. 2 25 cm - 7"		Fig. 3 25 cm - 7"	
18-488-00	18-489-00	18-490-00	18-491-00	18-492-00	18-493-00

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





Ballenger

18-494-01	18-495-01	x = 3 mm
18-494-02	18-495-02	x = 4 mm
18-494-03	18-495-03	x = 5 mm
20 cm - 8"	20 cm - 8"	
straight	bayonet	
gerade	bajonett	
recto	bayoneta	
droit	baionette	
rette	baionetta	



Kabierske

18-496-00

Atomizer, complete
Pulverbläser, komplett
Pulvérisateur, complet
Pulverizador, completo
Insoffiatore, completo

18-497-00

Spare bottle, 30 ccm
Ersatzflasche, 30 ccm
Flacon de rechange, 30 ccm
Frasco suelto, 30 ccm
Bottiglia di ricambio, 30 ccm

18-498-00

Valve rubber bulb
Ventilball
Poire en caoutchouc avec valve
Pera de goma con valva
Pallone in gomma con valva

Kabierske

18-499-08		8 cm - 3 ¼"
18-499-11		11 cm - 4 ¼"
	18-500-13	13 cm - 5"

Cannula, straight
Kanüle gerade
Cánula recta
Canule droit
Cannula retta

Cannula, curved
Kanüle gebogen
Cánula curva
Canule courbe
Cannula curva



Universal

18-501-00

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



Politzer

18-502-00

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

18-503-00	nasal olive	15 mm Ø
18-504-00	nasal olive	17 mm Ø
18-505-00	nasal olive	22 mm Ø



18-503-00

15 mm Ø
Nasal olives
Nasenoliven
Olivas nasales
Olives nasales
Olive nasali



18-504-00

17 mm Ø



18-505-00

22 mm Ø

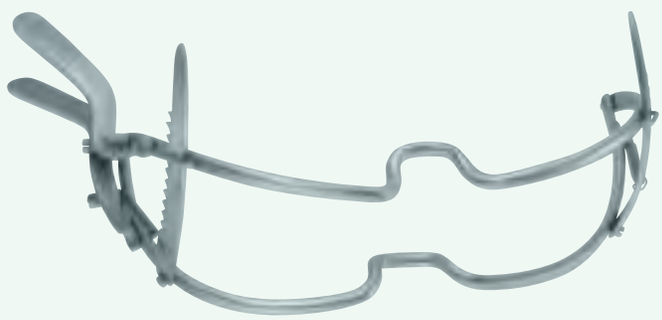


18-506-00

4 mm Ø
Ear olive
Ohrolive
Oliva auricular
Olive auriculaire
Oliva auricolare

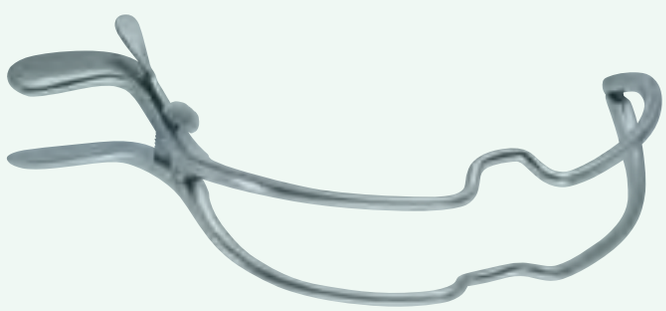
18-507-00

15 mm Ø
Rubber bulb with connecting nozzle
Gummibirne mit Einsteckkonus
Pera de goma con cono de conexión
Poire en caoutchouc avec embout de raccordement
Pera in gomma con cono di connessione



Whitehead

18-508-11	11 cm - 4 ¼"
18-508-13	13 cm - 5"
18-508-15	15 cm - 6"



Jennings

18-509-09	9 cm - 3 ½"
18-509-11	11 cm - 4 ¼"
18-509-13	13 cm - 5"
18-509-15	15 cm - 6"



Maunder

18-510-10	10 cm - 4"

4 mm Ø
Wood
Holz
Madera
Bois
Legno



Heister

18-511-13	13 cm - 5"



Molt

18-512-11	11 cm - 4 ¼"

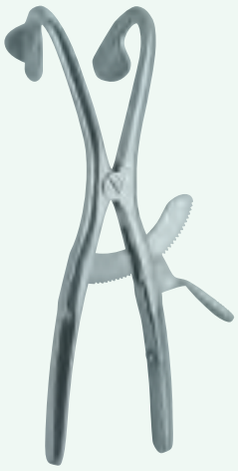
For children
Für Kinder
Para niños
Pour enfants
Per bambini



Molt

18-513-14	14 cm - 5 ½"

For adults
Für Erwachsene
Para adultos
Pour adultes
Per adulti



Denhart

18-514-12	12 cm - 4 ¾"



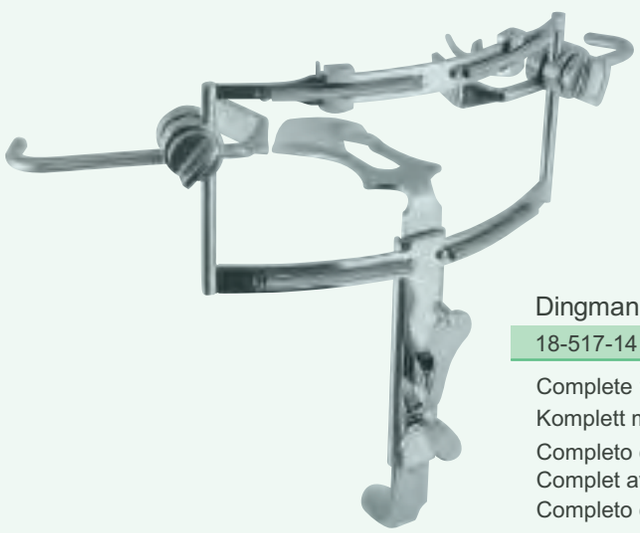
Fergusson-Ackland

18-515-14	14.5 cm - 5 ¾"



Roser-König

18-516-16	16 cm - 6 ¼"
18-516-19	19 cm - 7 ½"

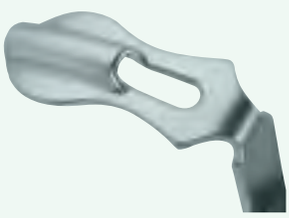


Dingmann

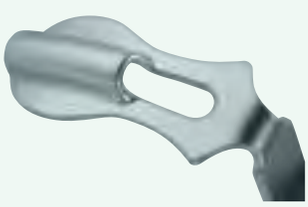
18-517-14 14.5 cm - 5 ¾"

Complete with frame, 3 tongue depressors and 2 adjustable lateral blades
Komplett mit Rahmen, 3 Zungenspateln und 2 beweglichen Seitenvalven
Completo con bastidor, 3 bajalenguas y 2 valvas laterales ajustables
Complet avec cadre, 3 abaisse-langues et 2 valves latérales réglables
Completo con telaio, 3 abassalingua e 2 valve laterali movibili

18-518-00 - 18-520-00



18-518-00
55 x 25 mm



18-519-00
60 x 27 mm



18-520-00
70 x 30 mm





Kilner-Doughty

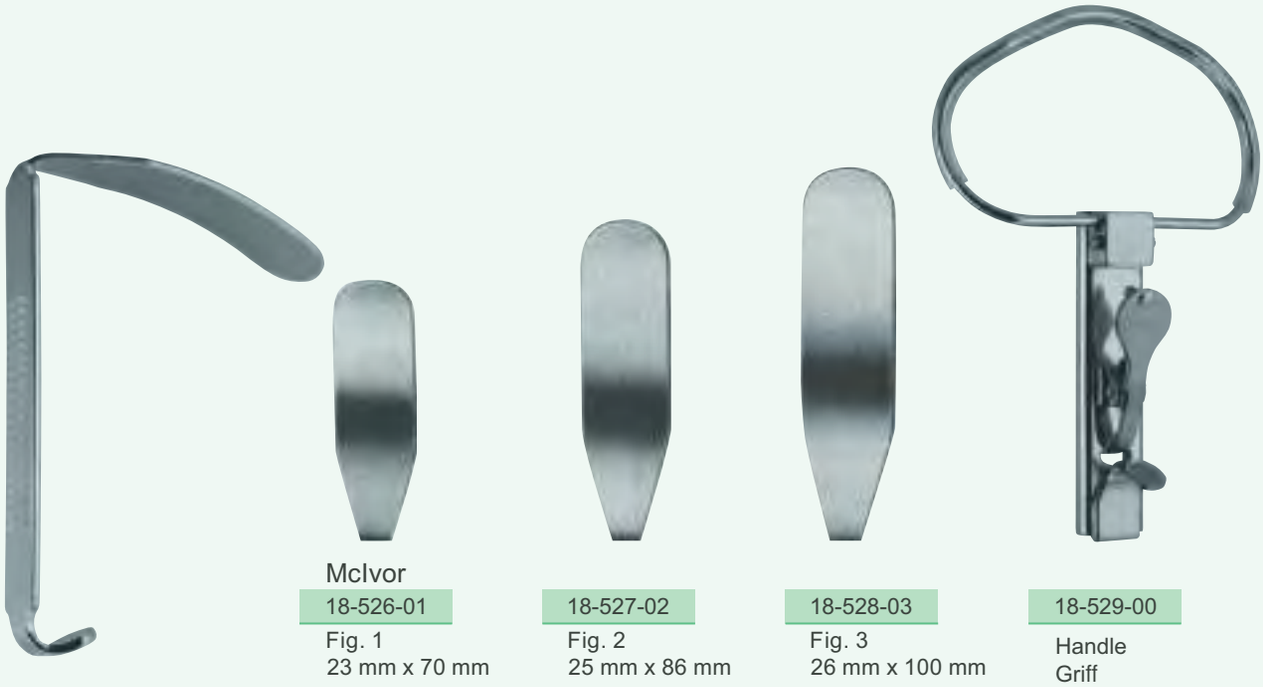
18-521-01
Fig. 1
28 mm x 65 mm

18-522-02
Fig. 2
32 mm x 75 mm

18-523-03
Fig. 3
37 mm x 80 mm

18-524-00
Handle
Griff
Mango
Manche
Manico

18-525-00
Complete set consisting:
18-521-01, 18-522-02, 18-523-03, 18-524-00



McIvor

18-526-01
Fig. 1
23 mm x 70 mm

18-527-02
Fig. 2
25 mm x 86 mm

18-528-03
Fig. 3
26 mm x 100 mm

18-529-00
Handle
Griff
Mango
Manche
Manico

18-530-00
Complete set consisting:
18-526-01, 18-527-02, 18-528-03, 18-529-00

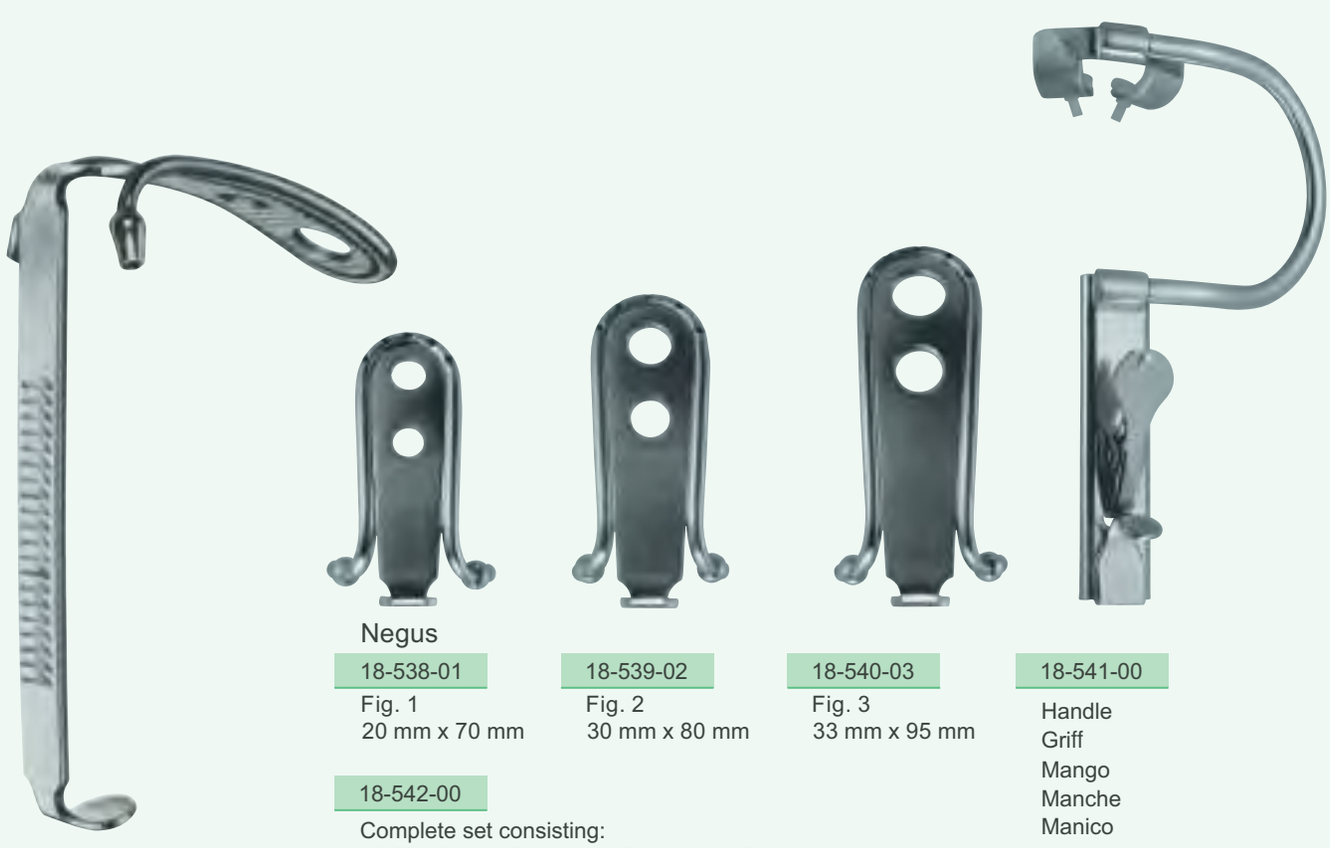


Davis-Boyle

18-531-01	18-532-02	18-533-03	18-534-04	18-535-05	18-536-00
Fig. 1 21 mm x 26 mm	Fig. 2 23 mm x 65 mm	Fig. 3 24 mm x 80 mm	Fig. 4 25 mm x 93 mm	Fig. 5 26 mm x 108 mm	Handle Griff Mango Manche Manico

18-537-00

Complete set consisting:
18-531-01, 18-532-02, 18-533-03, 18-534-04,
18-535-05, 18-536-00



Negus

18-538-01	18-539-02	18-540-03	18-541-00
Fig. 1 20 mm x 70 mm	Fig. 2 30 mm x 80 mm	Fig. 3 33 mm x 95 mm	Handle Griff Mango Manche Manico

18-542-00

Complete set consisting:
18-538-01, 18-539-02, 18-540-03, 18-541-00



Larygeal

18-543-00	Fig. 00	08 mm Ø
18-543-12	Fig. 0	10 mm Ø
18-543-01	Fig. 1	12 mm Ø
18-543-02	Fig. 2	14 mm Ø
18-543-03	Fig. 3	16 mm Ø
18-543-04	Fig. 4	18 mm Ø
18-543-05	Fig. 5	20 mm Ø
18-543-06	Fig. 6	22 mm Ø
18-543-07	Fig. 7	24 mm Ø
18-543-08	Fig. 8	26 mm Ø
18-543-09	Fig. 9	28 mm Ø
18-543-10	Fig. 10	30 mm Ø



Handle

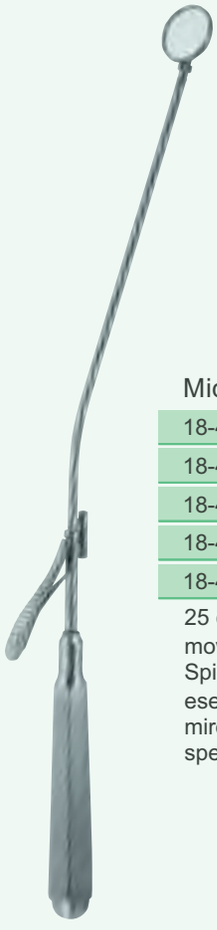
18-544-10

10 cm - 4"



Larygeal Modified

18-545-11	Fig. 00	08 mm Ø
18-545-12	Fig. 0	10 mm Ø
18-545-01	Fig. 1	12 mm Ø
18-545-02	Fig. 2	14 mm Ø
18-545-03	Fig. 3	16 mm Ø
18-545-04	Fig. 4	18 mm Ø
18-545-05	Fig. 5	20 mm Ø
18-545-06	Fig. 6	22 mm Ø
18-545-07	Fig. 7	24 mm Ø
18-545-08	Fig. 8	26 mm Ø
18-545-09	Fig. 9	28 mm Ø
18-545-10	Fig. 10	30 mm Ø



Michel

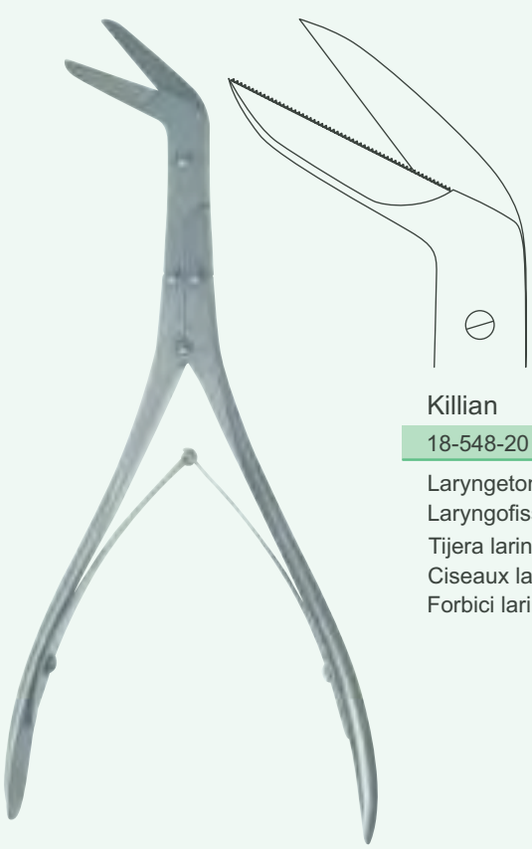
18-446-01	10 mm Ø
18-446-02	12 mm Ø
18-446-03	14 mm Ø
18-446-04	16 mm Ø
18-446-05	18 mm Ø

25 cm - 9 ¾"
moveable mirror
Spiegel beweglich
esepejo movible
miroir mobile
specchio mobile



Reichert

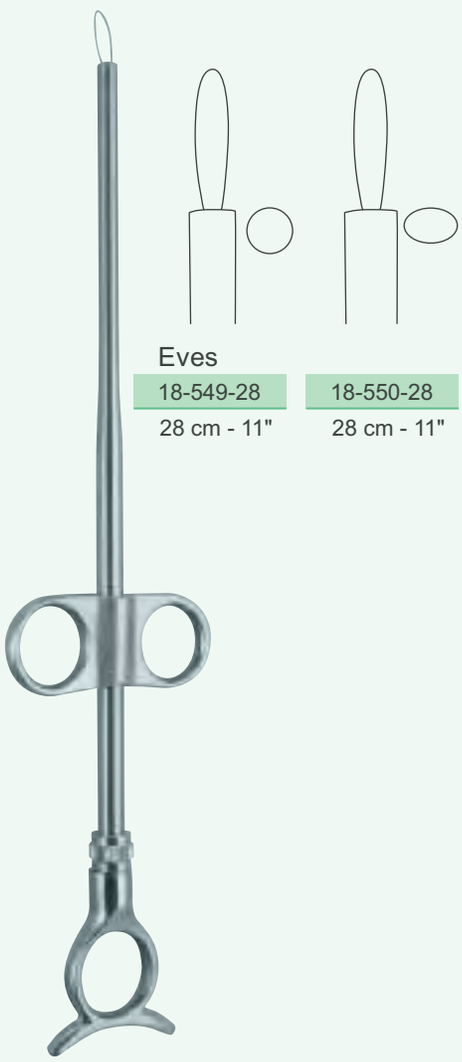
18-547-23	23 cm - 9"



Killian

18-548-20	20 cm - 8"

Laryngetomy scissors
Laryngofissurschere
Tijera laringea
Ciseaux laryngiens
Forbici laringee



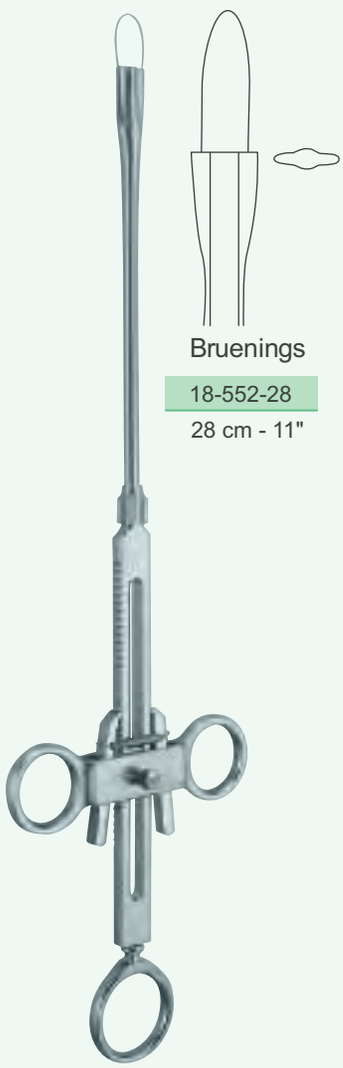
Eves

18-549-28	28 cm - 11"
18-550-28	28 cm - 11"



Eves Modified

18-551-28	28 cm - 11"



Bruenings

18-552-28	28 cm - 11"



18-553-01	0.3 mm Ø
18-553-02	0.4 mm Ø

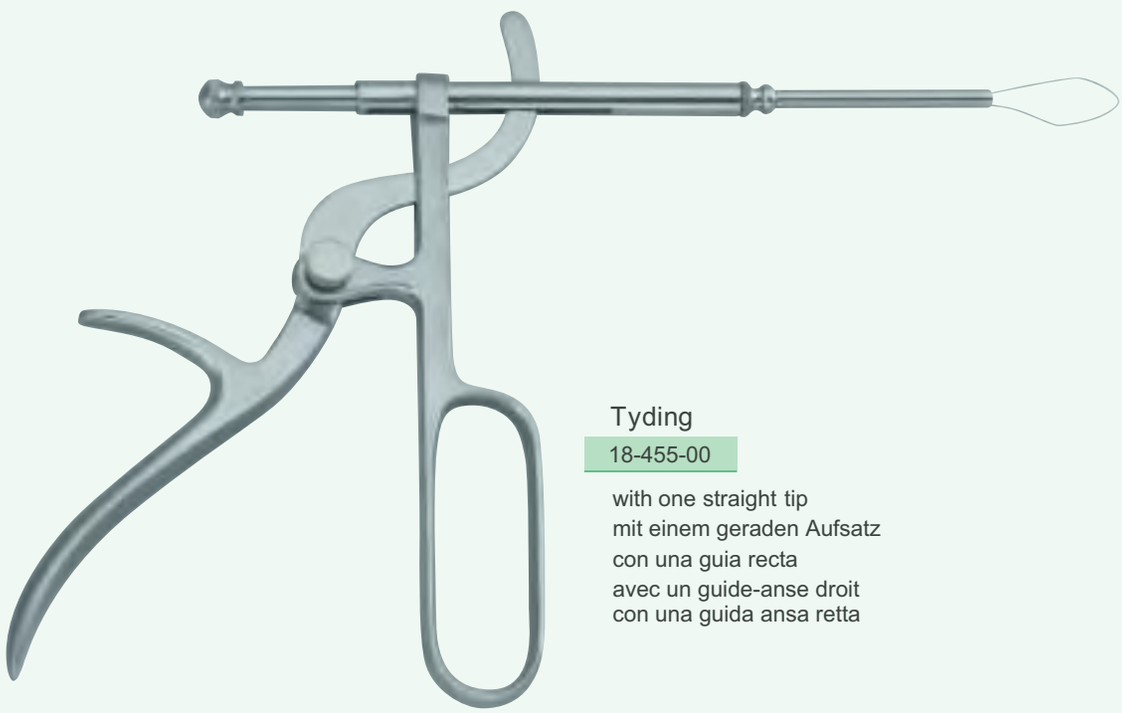
10 meter - 33ft.



18-554-01	40 mm
18-554-02	50 mm



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



Tyding

18-455-00

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



Tyding

18-456-00 0.4 mm Ø x 10 cm



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



Carpenter

18-557-25

25 cm - 9 ¾"

Enucleator
Enukleator
Enucleador para amígdalas
Enucléateur pour amygdales
Enucleatore

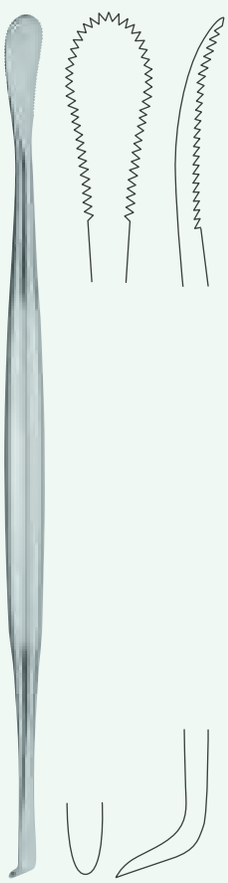


Luniatschek

18-558-18

18 cm - 7"

Tonsil tampon plugger
Tonsillen-Tamponstopfer
Porta algodones
Porta coton
Porta tamponi



Henke

18-559-23

23 cm - 9"

Tonsil dissector
Tonsillendissektor
Disector para amìgdalas
Dissecteur à amygdales
Dissettore tonsillare



Henke

18-560-23

23 cm - 9"

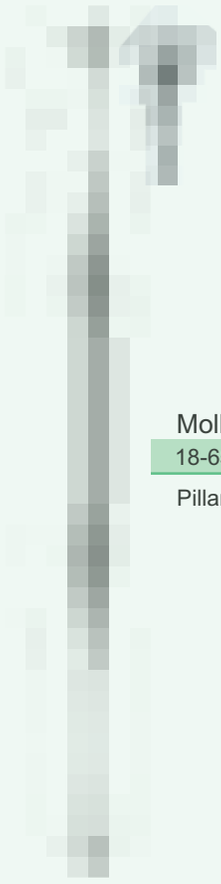
Tonsil dissector
Tonsillendissektor
Disector para amìgdalas
Dissecteur à amygdales
Dissettore tonsillare



Hurd

18-561-22

22.5 cm - 8 ¾"
Tonsil dissector
Tonsillendissektor
Disector para amìgdalas
Dissecteur à amygdales
Dissettore tonsillare



Mollison

18-656-21 21 cm - 8 ¼"

Pillar retractor



Lewis

18-562-19 19.5 cm - 7 ¾"

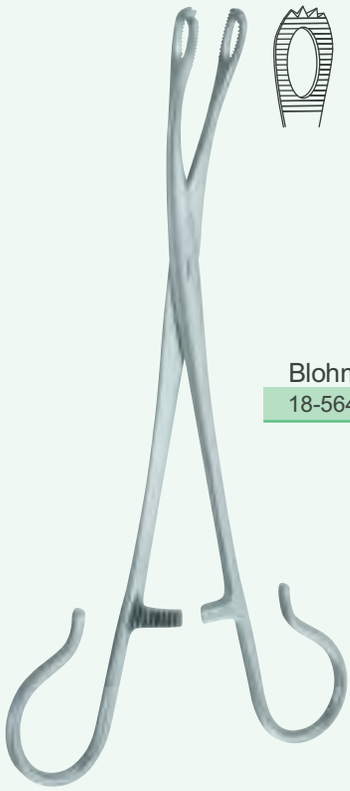
Tonsil screw
Tonsillenschraube
Tira amigdalas
Tire amygdales
Fissa tonsille



Marschik

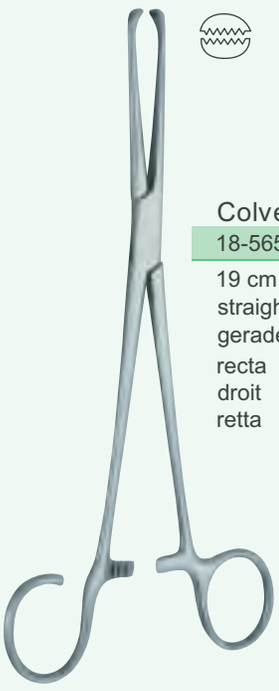
18-563-22 22 cm - 8 ¾"

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



Blohmke

18-564-20 20 cm - 8"



Colver

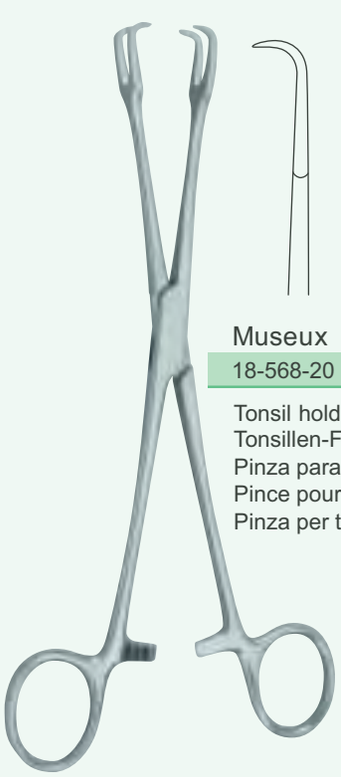
18-565-19	18-466-19
19 cm - 7 ½"	19 cm - 7 ½"
straight	curved
gerade	gebogen
recta	curva
droit	courbe
retta	curva



White

18-567-18	18 cm - 7"
18-567-23	23 cm - 9"

6 x 5



Museux

18-568-20	20 cm - 8"

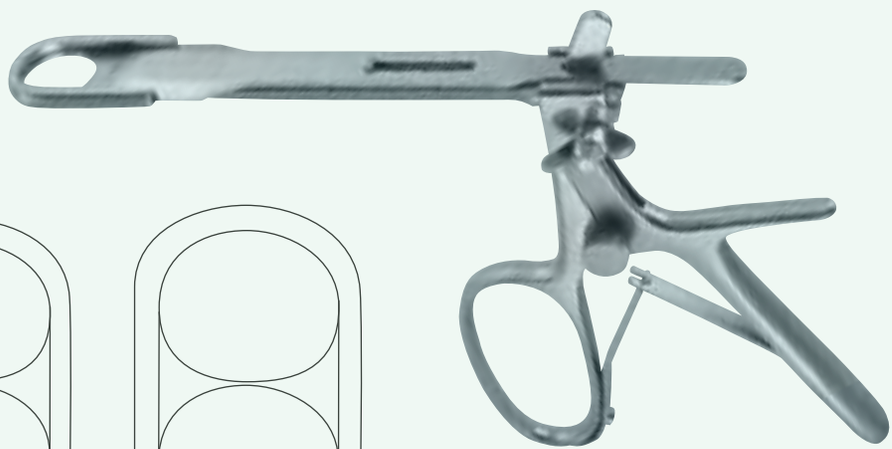
Tonsil holding forceps
Tonsillen-Fasszange
Pinza para amigdalas
Pince pour amygdales
Pinza per tonsille

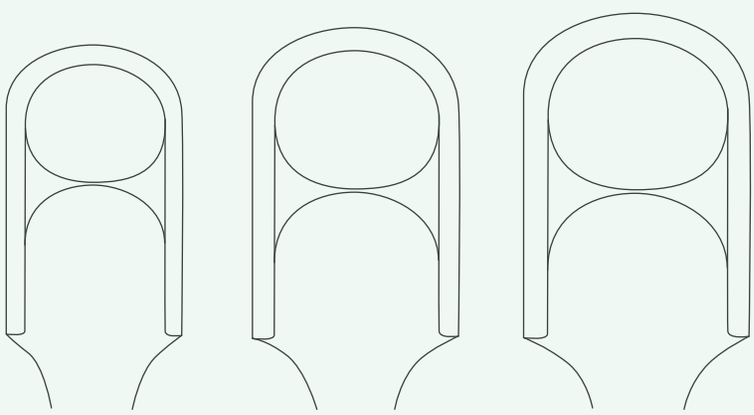


Jackson

18-569-22	22 cm - 8 ¾"

Laryngeal forceps
Kehlkopfpinzette
Pinza laringea
Pince laryngienne
Pinza laringea



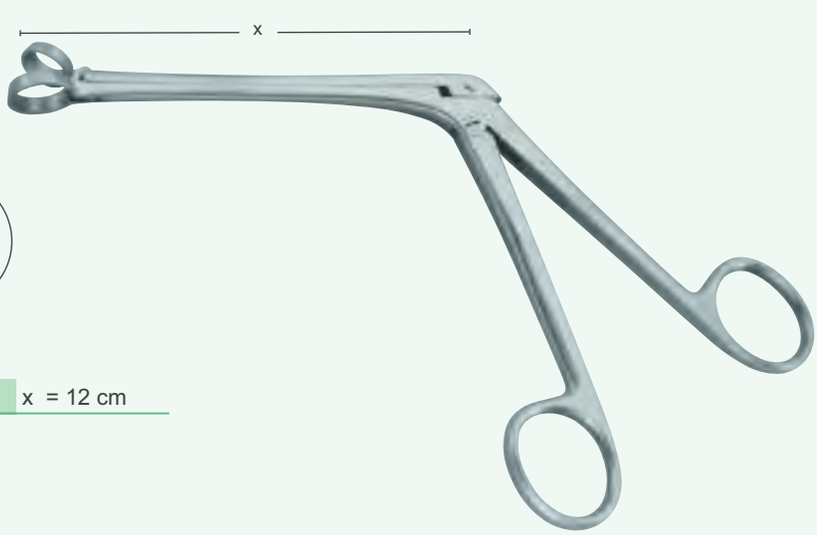


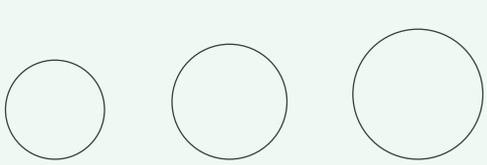
Sluder-Ballenger

18-570-01	18-571-02	18-572-03	18-573-00
Fig. 1	Fig. 2	Fig. 3	Handle Griff Mango Manche Manico

18-574-00

Complete set consisting:
18-570-01, 18-571-02, 18-572-03, 18-573-00





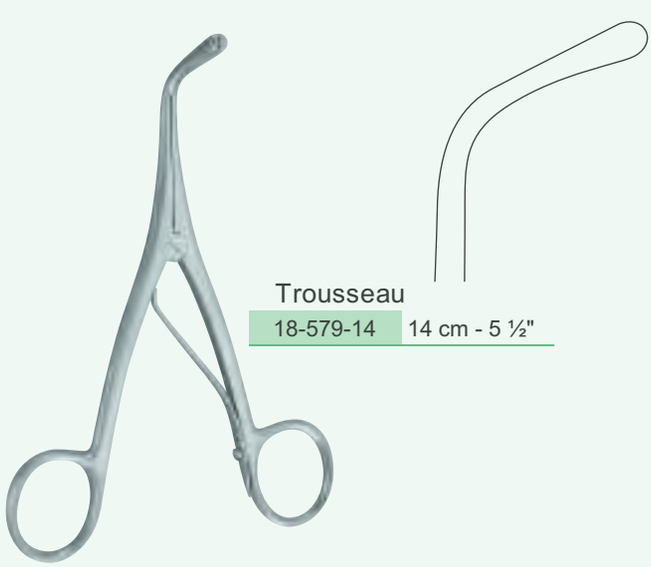
Hartmann

18-575-12	18-576-12	18-577-12	x = 12 cm
13 mm Ø	15 mm Ø	17 mm Ø	



Laborde

18-578-14	14 cm - 5 ½"



Trousseau

18-579-14	14 cm - 5 ½"



Luer Standard

18-580-00	Fig. 0	4 mm Ø
18-580-01	Fig. 1	5 mm Ø
18-580-02	Fig. 2	6 mm Ø
18-580-03	Fig. 3	7 mm Ø
18-580-04	Fig. 4	8 mm Ø
18-580-05	Fig. 5	9 mm Ø
18-580-06	Fig. 6	10 mm Ø
18-580-07	Fig. 7	11 mm Ø
18-580-08	Fig. 8	12 mm Ø
18-580-09	Fig. 9	13 mm Ø

German silver
Neusilber
Plata alemana
Maillechort
Argentone



Uckermann

18-581-22

13 cm - 5"
10 mm Ø



Chevalier-Jackson

18-582-00	Fig. 0	4 mm Ø
18-582-01	Fig. 1	5 mm Ø
18-582-02	Fig. 2	6 mm Ø
18-582-03	Fig. 3	7 mm Ø
18-582-04	Fig. 4	8 mm Ø
18-582-05	Fig. 5	9 mm Ø
18-582-06	Fig. 6	10 mm Ø
18-582-07	Fig. 7	11 mm Ø
18-582-08	Fig. 8	12 mm Ø
18-582-09	Fig. 9	13 mm Ø

German silver
Neusilber
Plata alemana
Maillechort
Argentone



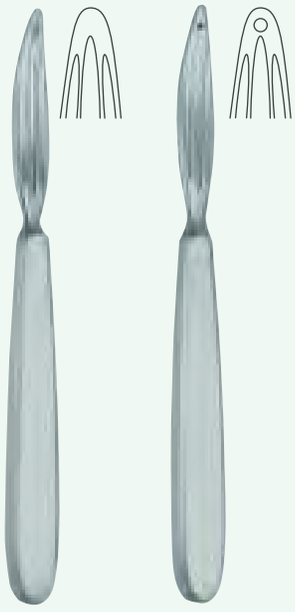
Mastin

18-583-17	17 cm - 6 ½"



Lahey

18-584-15	15 cm - 6"
18-584-20	20 cm - 8"



Kocher

18-585-15	
18-585-16	

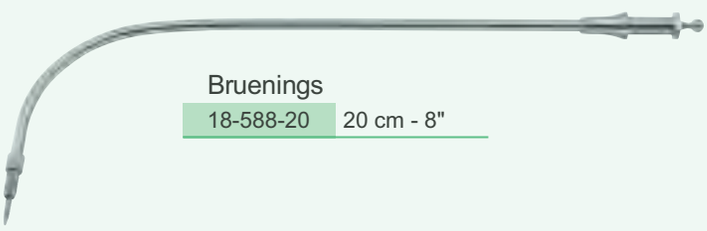
18-586-15	15 cm - 6"
18-586-16	16 cm - 6 ¼"

with hole
mit Loch
con orificio
avec trou
con foro



Bruenings

18-587-20	20 cm - 8"
18-587-30	30 cm - 12"
18-587-40	40 cm - 16"
18-587-50	50 cm - 20"
18-587-60	60 cm - 23 ½"



Bruenings

18-588-20	20 cm - 8"



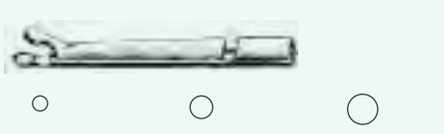
Huber

18-589-00



Seiffert

18-590-00



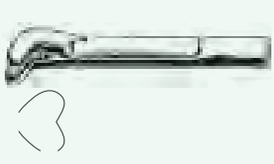
Bruenings

18-591-00 | 18-592-00 | 18-593-00



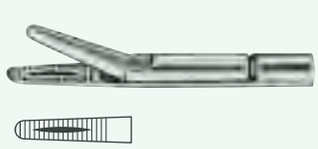
Lange

18-594-00



Scheinmann

18-595-00



Fraenkel

18-596-00



18-597-01 | 18-598-01

18-599-02 | 18-600-02



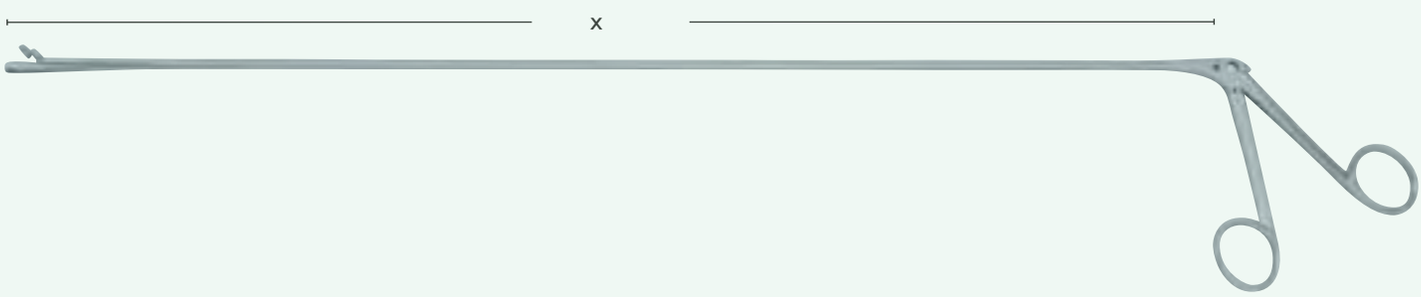
Krause

18-601-00

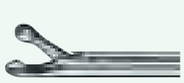


Cordes

18-602-00 | 18-603-00





Chevalier-Jackson

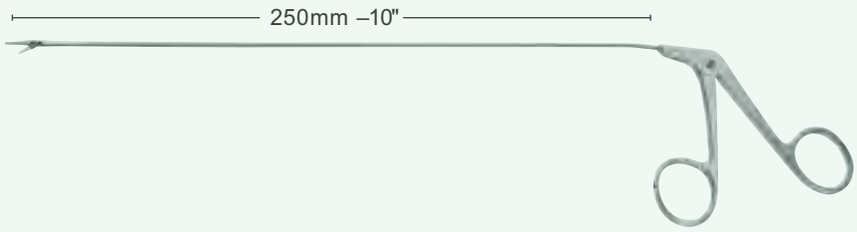
18-675-30	18-676-30	18-677-30	18-678-30	x = 30 cm - 12"
18-675-40	18-676-40	18-677-40	18-678-40	x = 40 cm - 16"
18-675-50	18-676-50	18-677-50	18-678-50	x = 50 cm - 20"
18-675-60	18-676-60	18-677-60	18-678-60	x = 60 cm - 23 ½"





Chevalier-Jackson

18-604-30	18-605-30	18-606-30	x = 30 cm - 12"
18-604-40	18-605-40	18-606-40	x = 40 cm - 16"
18-604-50	18-605-50	18-606-50	x = 50 cm - 20"
18-604-60	18-605-60	18-606-60	x = 60 cm - 23 ½"

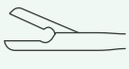


Gotan

	18-607-00	18-608-00	18-609-00	18-610-00	18-611-00	18-612-00
Scissors	straight	straight horizontal	angled up horizontal	curved right	curved left	angled up
Scheren	gerade	gerade horizontal	aufgebogen horizontal	rechts gebogen	links gebogen	aufgebogen
Tijeras	recta	recta horizontal	curvada arriba horizontal	curvada a derecha	curvada a izquierda	curvada arriba
Ciseaux	droit	droit horizontal	coudé en haut coupe horizontal	courbe à droite	courbe à gauche	coudé en haut
Forbice	retta	retta orizzontale	curvata in alto orizzontale	curva a destra	curva a sinistra	curvata in alto

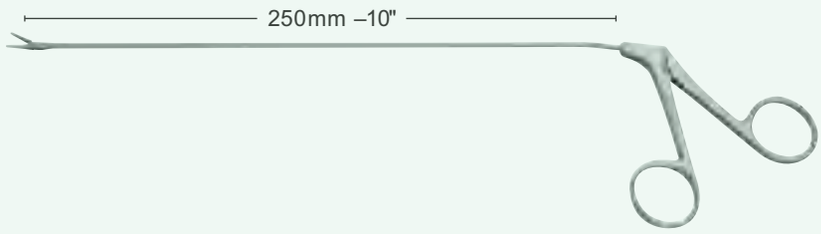
	18-613-00	18-614-00	18-615-00	18-616-00	18-617-00
Alligator forceps	straight, serrated	straight horizontal	angled up horizontal	curved right	curved left
Alligatorzangen	gerade, gerieft	gerade horizontal	aufgebogen horizontal	rechts gebogen	links gebogen
Pinzas cocodrilo	recta, estriada	recta horizontal	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinces crocodile	droit, strié	droit horizontal	coudé en haut coupe horizontal	courbe à droite	courbe à gauche
Pinze coccodrillo	retta, zigrinata	retta orizzontale	curvata in alto orizzontale	curva a destra	curva a sinistra

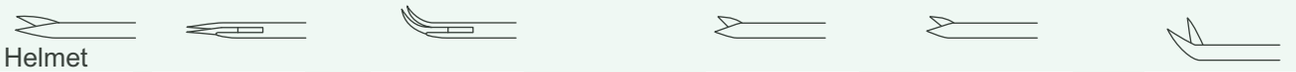
	18-618-00	18-619-00	18-620-00	18-621-00	18-622-00 ○ 2.5 mm
Cup shaped forceps	straight	angled up	angled up horizontal	curved right	curved left
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen	links gebogen
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinces curettes	droit	coudé en haut	coudé en haut coupe horizontal	courbe à droite	courbe à gauche
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra	curva a sinistra



18-623-00 ⬭ 3 x 5 mm

Cup shaped forc.	oval
Löffelzange	oval
Pinza cureta	oval
Pince curette	ovale
Pinza a cucchaio	ovale

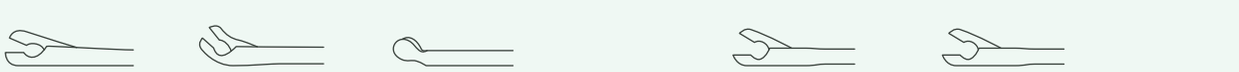




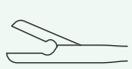
	Helmet					
	18-624-00	18-625-00	18-626-00	18-627-00	18-628-00	18-629-00
Scissors	straight	straight horizontal	angled up horizontal	curved right	curved left	angled up
Scheren	gerade	gerade horizontal	aufgebogen horizontal	rechts gebogen	links gebogen	aufgebogen
Tijeras	recta	recta horizontal	curvada arriba horizontal	curvada a derecha	curvada a izquierda	curvada arriba
Ciseaux	droit	droit horizontal	coudé en haut coupe horizontal	courbe à droite	courbe à gauche	coudé en haut
Forbice	retta	retta orizzontale	curvata in alto orizzontale	curva a destra	curva a sinistra	curvata in alto



	18-630-00	18-631-00	18-632-00	18-633-00	18-634-00
Alligator forceps	straight	straight horizontal	angled up horizontal	curved right	curved left
Alligatorzangen	gerade	gerade horizontal	aufgebogen horizontal	rechts gebogen	links gebogen
Pinzas cocodrilo	recta	recta horizontal	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinces crocodile	droit	droit horizontal	coudé en haut coupe horizontal	courbe à droite	courbe à gauche
Pinze coccodrillo	retta	retta orizzontale	curvata in alto orizzontale	curva a destra	curva a sinistra

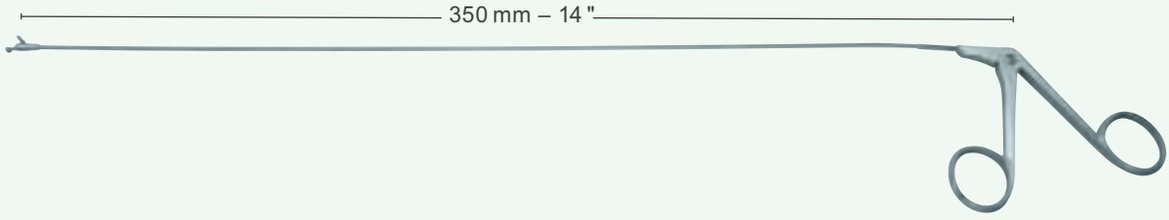


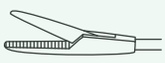
	18-635-00	18-636-00	18-637-00	18-638-00	18-639-00 ○ 2.5 mm
Cup shaped forceps	straight	angled up	angled up horizontal	curved right	curved left
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen	links gebogen
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinces curettes	droit	coudé en haut	coudé en haut coupe horizontal	courbe à droite	courbe à gauche
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra	curva a sinistra



18-640-00 ⬭ 3 x 5 mm

Cup shaped forceps, oval
Löffelzange, oval
Pinza cureta, oval
Pince curette, ovale
Pinza a cucchaio ovale



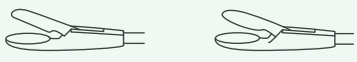


Bukshire

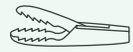
	18-641-00	18-642-00	18-643-00
Grasping forceps	straight, serrated	straight, fenestrated	straight
Fasszange	gerade, gerieft	gerade, gefenstert	gerade
Pinza agarre	recta, estriada	recta, fenestrada	recta
Pince à saisir	droit, striée	droit, fenêtrée	droits
Pinza da presa	retta, zigrinata	retta, fenestrata	retta



	18-644-00	18-645-00	18-646-00	18-647-00	18-648-00 ○ 3 mm
Cup shaped forceps	straight	angled up	angled up horizontal	curved right	curved left
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen	links gebogen
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinces curettes	droit	coudée en haut	coudée en haut	courbe à droite	courbe à droite
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra	curva a sinistra



	18-649-00	18-650-00
	2 mm x 5 mm	3 mm x 5 mm
Cup shaped forceps	straight	straight
Löffelzangen	gerade	gerade
Pinzas cureta	recta	recta
Pinces curettes	droit	droit
Pinze a cucchaio	retta	retta



	18-651-00
Universal forceps	straight
Universalzange	gerade
Pinza universal	recta
Pince universelle	droit
Pinza universale	retta

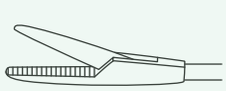




Gibtek

18-652-40	x = 40 cm - 16"
18-652-50	x = 50 cm - 20"
18-652-60	x = 60 cm - 23 ½"

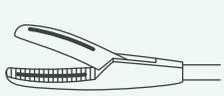
Punch forceps, straight
Tumorzange, gerade
Pinza para tumores, recta
Pince pour tumeurs, droit
Pinza per tumori, retta



18-653-40
18-653-50
18-653-60

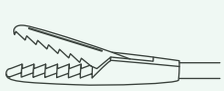
Grasping forceps
Fasszangen
Pinzas agarre
Pinces à saisir
Pinze da presa

straight, serrated
gerade, gerieft
recta, estriada
droit, striée
retta, zigrinata



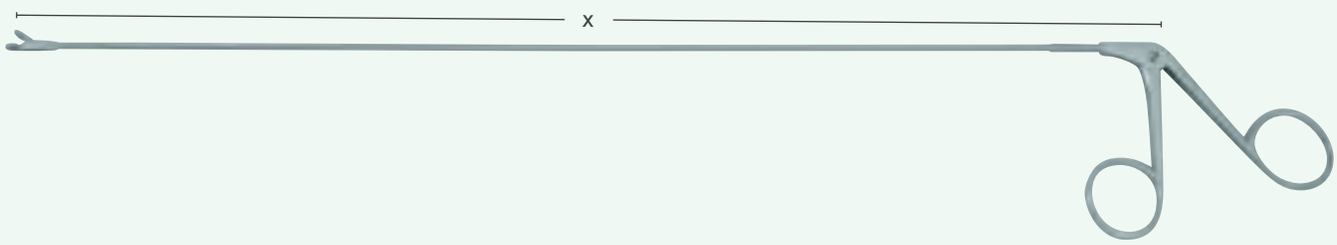
18-654-40
18-654-50
18-654-60

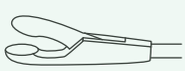
straight, fenestrated
gerade, gefenstert
recta, fenestrada
droit, fenêtrée
retta, finestra



18-655-40	x = 40 cm - 16"
18-655-50	x = 50 cm - 20"
18-655-60	x = 60 cm - 23 ½"

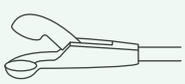
straight
gerade
recta
droit
retta

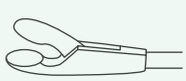


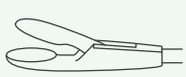


Makson

18-656-40	18-657-40	18-658-40	18-659-40 x = 40 cm - 16"
18-656-50	18-657-50	18-658-50	18-659-50 x = 50 cm - 20"
18-656-60	18-657-60	18-658-60	18-659-60 x = 60 cm - 23 ½"
4 mm	4 mm	4 mm	4 mm
Cup shaped forceps	straight	angled up	angled up horizontal	curved right
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha
Pinces à curette	droit	coudée en haut	coudée en haut coupe horizontalement	courbe à droite
Pinze a cucchaio	retta	curvata in alto	curvata orizzontalmente	curva a destra

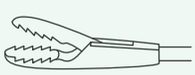




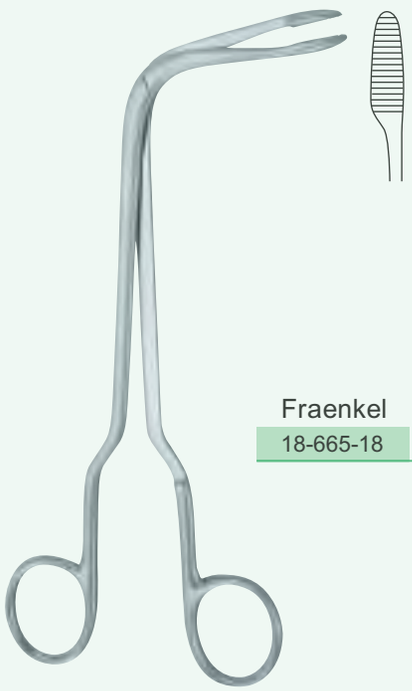




18-660-40	18-661-40	18-662-40	18-663-40 x = 40 cm - 16"
18-660-50	18-661-50	18-662-50	18-663-50 x = 50 cm - 20"
18-660-60	18-661-60	18-662-60	18-663-60 x = 60 cm - 23 ½"
4 mm	3 mm x 4 mm	4 mm x 6 mm	4 mm x 8 mm
Cup shaped forceps	curved left	straight	straight	straight
Löffelzangen	links gebogen	gerade	gerade	gerade
Pinzas cureta	curvada a izquierda	recta	recta	recta
Pinces mors curettes	courbe à gauche	droit	droit	droit
Pinze a cucchaio	curva a sinistra	retta	retta	retta

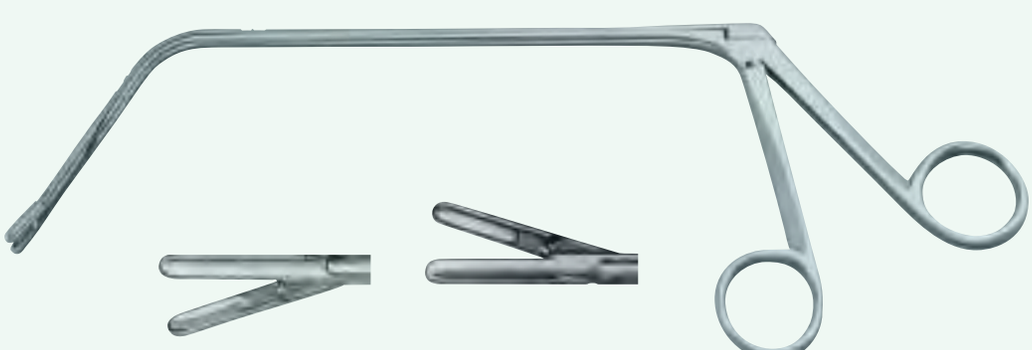


18-664-40	x = 40 cm - 16"
18-664-50	x = 50 cm - 20"
18-664-60	x = 60 cm - 23 ½"
Universal forceps	straight
Universalzange	gerade
Pinza universal	recta
Pince universelle	droit
Pinza universale	retta



Fraenkel

18-665-18	18 cm - 7"



Jurasz

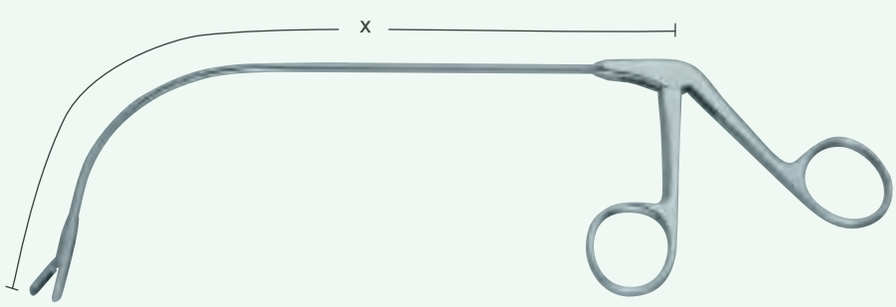
18-666-23	right rechts a derecha à droite verso destra
18-667-23	23 cm - 9" left links a izquierda à gauche verso sinistra

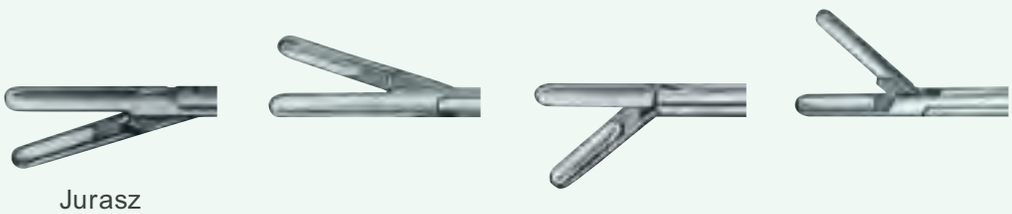


18-668-00	downwards nach unten hacia abajo vers le bas verso basso



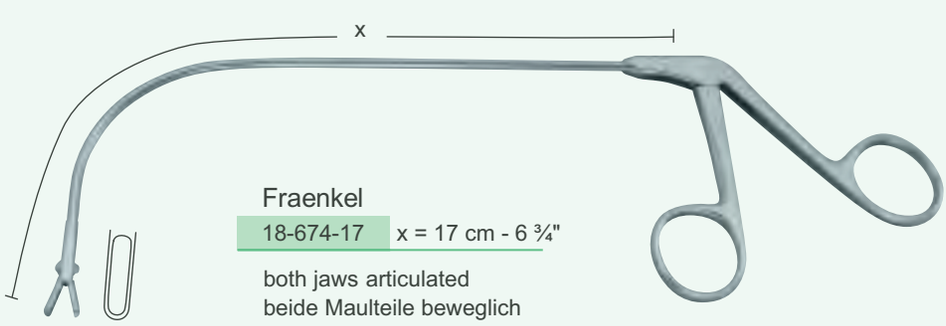
18-669-00	upwards nach oben hacia arriba vers le haut verso alto





Jurasz

18-670-23	18-671-23	18-672-23	18-673-23 23 cm - 9"
right	left	downwards	upwards
rechts	links	nach unten	nach oben
a derecha	a izquierda	hacia abajo	hacia arriba
à droite	à gauche	vers le bas	vers le haut
verso destra	verso sinistra	verso basso	verso alto



Fraenkel

18-674-17 x = 17 cm - 6 ¾"

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



19

Autopsy
Autopsie
Autopsia
Autopsie
Autopsia

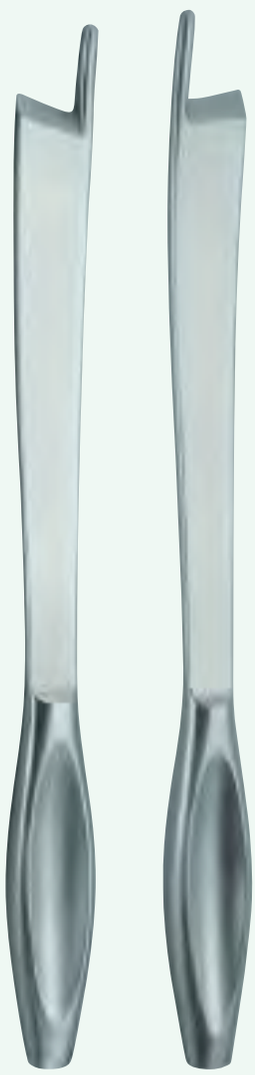
surgimax™
saving lives



Hamy

19-101-27

27 cm - 10 ¾"



Brunetti

19-102-28

28 cm - 11"

19-103-28

28 cm - 11"



Rachiotome

19-104-22

22 cm - 8 ¾"



Chisel

19-105-13

13 cm - 5"

x = 23 mm

Chisels for opening the spinal column
Meißel zur Öffnung der Wirbelsäule
Cinceles para abrir la columna vertebral
Burins pour ouvrir la colonne vertebrale
Scalpelli per aprire la colonna vertebrale



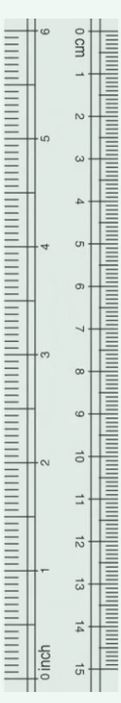
Magnifying Mirror
19-127-00
Small



Magnifying Mirror
19-128-00
Medium



Magnifying Mirror
19-129-00
Large



Ruler - Plastic
19-130-00
15 cm

Pipette Filler
19-131-00
Disposable



Virchow

19-106-00

Skull breaker
Schädelspalter
Cincel rompe craneo
Burin casse-crâne
Apri cranio



Psy

19-107-10

10 cm - 4"

Muscle hook
Muskelhaken
Gancho muscular
Crochet musculaire
Uncino muscolare



Chain Hook

19-116-00

10 cm - 4"



Lionel

19-108-16

16 cm - 6 ¼"
10 mm x 50 mm



Dissecting Scissors

19-117-11	19-118-11	11 cm - 4¼"
19-119-12	19-120-12	12.5 cm - 5"
19-121-15	19-122-15	15 cm - 6"
Straight	Curved	



Piny

19-109-13	Sharp / straight
19-109-01	Sharp / curved
19-109-02	Blunt / straight
19-109-03	Blunt / curved

13.5 cm - 5 ¼"
Stainless steel



19-110-13	

13.5 cm - 5 ¼"
Arrow point
Stainless steel



19-114-01	Straight
19-115-01	Curved
19-114-03	Arrow point / straight

13.5 cm - 5 ¼"
Aluminium



19-114-02	Straight
19-115-02	Curved
19-114-04	Arrow point / straight

13.5 cm - 5 ¼"
Wooden handle

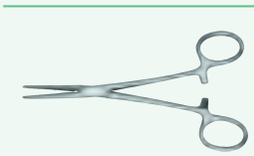
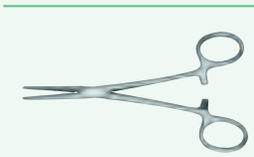


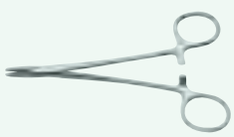
19-114-00	Sharp / straight
19-115-00	Sharp / curved
19-114-05	Blunt / straight
19-115-05	Blunt / curved
19-114-06	Arrow point / straight

13.5 cm - 5 ¼"
Plastic

Set of instruments for autopsy
Autopsie-Besteck
Juego de instrumentos para autopsia
Set à autopsie
Set di strumenti per l'autopsia

surgimax™ saving lives

	Item No.	Description
	19-111-00	Set of 14 pieces consisting of:
	05-901-14	Dressing forceps serrated 14.5 cm
	05-923-14	Dressing forceps toothed 14.5 cm
	04-181-14	Operating scissors straight 14.5 cm
	04-190-14	Operating scissors curved 14.5 cm
	06-239-14	Kelly forceps straight 14 cm
	06-240-14	Kelly forceps curved 14 cm
	08-888-00	Farabauf retractor 12 cm
	06-214-12	Mosquito forceps straight 12.5 cm

	Item No.	Description
	09-812-14	Mayo Hegar needle holder 14 cm
	02-377-14	Butterfly retractor
	02-375-14	Probe with eye
	19-116-00	Chain hook
	03-505-03	Scalpel handle No. 3
	03-502-04	Scalpel handle No. 4

surgimax™ saving lives

Dissecting set in wooden case
Präparier-Besteck in Holzetui
Estuche de disectión en caja de madera
Trousse à dissection, en boîte en bois
Dissezione impostato in cassa di legno



Item No.	Description
19-112-00	Set of 16 pieces consisting of:
05-901-14	Dressing forceps serrated 14.5 cm
05-923-14	Dressing forceps toothed 14.5 cm
04-181-14	Operating scissors straight 14.5 cm
04-190-14	Operating scissors curved 14.5 cm
06-239-14	Kelly forceps straight 14 cm
06-240-14	Kelly forceps curved 14 cm
08-888-00	Farabauf retractor 12 cm
06-214-12	Mosquito forceps straight 12.5 cm

Item No.	Description
09-812-14	Mayo Hegar needle holder 14 cm
02-377-14	Butterfly retractor
02-375-14	Probe with eye
19-114-00	Dissecting needle straight
19-115-00	Dissecting needle curved
19-116-00	Chain hook
03-505-03	Scalpel handle No. 3
03-502-04	Scalpel handle No. 4

Microscopic instrument set in wooden case
Mikroskopier-Besteck in Holzetui
Estuche de microscopia en caja de madera
Trousse pour microscopie, en boîte en bois
Microscopico set di strumenti nel caso di legno

	Item No.	Description
	19-113-00	Set of 10 pieces consisting of:
	19-119-12	Dissecting scissor straight 12.5 cm
	19-120-12	Dissecting scissors curved 12.5 cm
	19-114-01	Dissecting needle straight - Aluminium
	19-115-01	Dissecting needle curved - Aluminium
	05-901-14	Dressing forceps serrated 14.5 cm
	19-123-00	Specula - Aluminium
	03-505-03	Scalpel handle No. 3
	03-502-04	Scalpel handle No. 4

	Item No.	Description
	05-976-12	Iris dressing forceps 12.5 cm
	05-177-11	Micro Forceps 11 cm

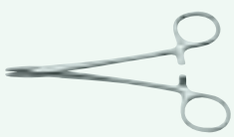
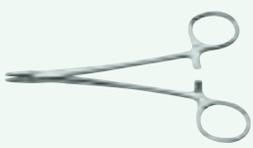
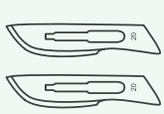
	Item No.	Description
	19-124-00	Set of 10 pieces consisting of:
	03-505-03	Scalpel handle No. 3
	03-502-04	Scalpel handle No. 4
	04-181-14	Operating scissors straight 14.5 cm
	04-190-14	Operating scissors curved 14.5 cm
	05-177-11	Micro Forceps 11 cm
	19-114-01	Dissecting needle straight - Aluminium
	19-115-01	Dissecting needle curved - Aluminium
	05-901-14	Dressing forceps serrated 14.5 cm

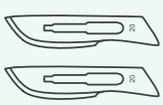
	Item No.	Description
	05-976-14	Iris dressing forceps 14 cm
	19-123-00	Specula Aluminium

Microscopic instrument set in wooden case
Mikroskopier-Besteck in Holzetui
Estuche de microscopia en caja de madera
Trousse pour microscopie, en boîte en bois
Microscopico set di strumenti nel caso di legno

surgimax™ saving lives

	Item No.	Description
	19-125-00	Set of 13 pieces consisting of:
	03-505-03	Scalpel handle No. 3
	03-502-04	Scalpel handle No. 4
	04-181-14	Operating scissors straight 14.5 cm
	04-771-14	Lister bandage scissors 14 cm
	05-901-14	Dressing forceps non toothed 14.5 cm
	05-924-14	Dressing forceps 1x2 teeth 14.5 cm
	19-116-00	Chain hook
	06-214-12	Mosquito forceps straight 12.5 cm

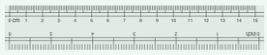
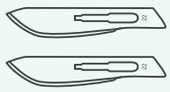
	Item No.	Description
	06-215-12	Mosquito forceps curved 12.5 cm
	09-812-14	Mayo Hegar needle holder 14 cm
	02-377-14	Butterfly retractor
	02-375-14	Probe with eye
	03-512-20	Scalpel blade No. 20 (2 pcs)

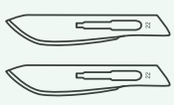
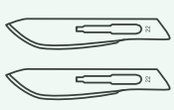
	Item No.	Description
	19-126-00	Set of 12 pieces consisting of:
	03-505-03	Scalpel handle No. 3
	03-502-04	Scalpel handle No. 4
	04-181-14	Operating scissors straight 14.5 cm
	09-812-14	Mayo Hegar needle holder 14 cm
	05-915-12	Adson forceps non toothed 12 cm
	05-901-14	Dressing forceps non toothed 14.5 cm
	03-512-20	Scalpel blade No. 20 (2 pcs)
	04-688-11	Iris scissors straight 11.5 cm

	Item No.	Description
	19-109-13	Dissecting needle stainless steel straight
	19-110-13	Mayo Hegar needle holder 14 cm
	19-109-03	Butterfly retractor
	03-501-03	Probe with eye

Microscopic instrument set in wooden case
Mikroskopier-Besteck in Holzetui
Estuche de microscopia en caja de madera
Trousse pour microscopie, en boîte en bois
Microscopico set di strumenti nel caso di legno

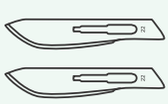
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	Item No.	Description
	19-127-00	Set of 7 pieces consisting of:
	05-976-15	Iris dressing forceps 12.5 cm
	19-130-00	Ruler 15 cm plastic
	03-502-04	Scalpel handle No. 4
	03-512-22	Scalpel blade No. 22 (2 pcs.)
	19-119-12	Dissecting scissors straight 12.5 cm
	19-131-00	Pipette filler disposable
	19-109-03	Dissecting needle blunt curved stainless

	Item No.	Description
	19-128-00	Set of 12 pieces consisting of:
	03-502-04	Scalpel handle No. 4
	03-512-22	Scalpel blade No. 22 (2 pcs)
	03-512-23	Scalpel blade No. 23 (2 pcs)
	19-131-00	Pipette filler disposable
	05-976-12	Iris dressing forceps 12.5 cm straight
	05-97-12	Iris dressing forceps 12.5 cm curved
	19-114-00	Dissecting needle straight
	19-115-00	Dissecting needle curved

	Item No.	Description
	19-130-00	Ruler 15 cm plastic
	19-109-13	Dissecting needle stainless steel straight
	04-688-11	Iris scissors 11.5 cm straight
	04-181-14	Operating scissors straight 14.5 cm

Microscopic instrument set in wooden case
Mikroskopier-Besteck in Holzetui
Estuche de microscopia en caja de madera
Trousse pour microscopie, en boîte en bois
Microscopico set di strumenti nel caso di legno

	Item No.	Description
	19-129-00	Set of 6 pieces consisting of:
	03-502-04	Scalpel handle No. 4
	03-512-22	Scalpel blade No. 22 (2 pcs.)
	05-901-14	Dressing forceps serrated 14.5 cm
	05-923-14	Dressing forceps toothed 14.5 cm
	19-114-00	Dissecting needle straight sharp plastic
	19-114-06	Dissecting needle straight arrow point plastic



20

Dermatology – Hollowware
Dermatologie – Hohlware
Dermatología – Hueco
Dermatologie – Creuse
Dermatologia – Hollowware

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Gavin

20-300-00

for children
für Kinder
para niños
pour enfants
per bambini

20-301-00

for adults
für Erwachsene
para adultos
pour adultes
per adulti

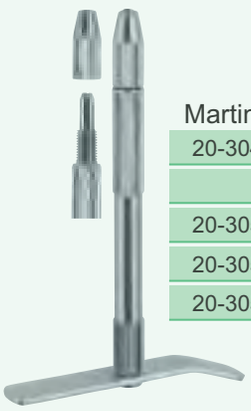
Miller

20-302-00

Child size with silicone coating
Kindergrößesize mit Silikonbeschichtung
Tamaño infantil con revestimiento de silicona
Taille de l'enfant avec revêtement en silicone
Formato del bambino con rivestimento in silicone

20-303-00

Adult size with silicone coating
Erwachsene Größe mit Silikonbeschichtung
Tamaño adulto con revestimiento de silicona
Taille adulte avec revêtement de silicone
Dimensione adulta con rivestimento in silicone



Martin-Ideal Nail Drill

20-304-00	Set consisting:
	Nail drill
20-305-01	Fig. 1
20-305-02	Fig. 2
20-305-03	Fig. 3



20-305-01
Fig. 1



20-305-02
Fig. 2



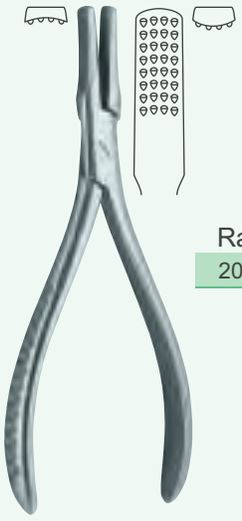
20-305-03
Fig. 3



Feldheim

20-306-10 10 cm - 4"

Tourniquet for fingers and toes
Finger- und Zehenkompressorium
Tourniquete para los dedos de manos y piés
Tourniquet pour doigts des mains et pieds
Compressorio per dita di mano e piede



Radolf

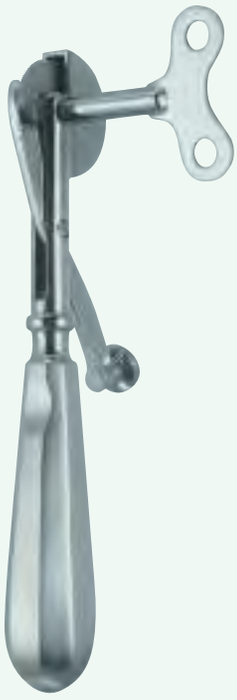
20-307-13 13.5 cm - 5 ¼"



Anvil

20-308-12 12.5 cm - 5"

Finger ring saw
Fingerringsägen
Sierras para abrir anillos
Scies pour couper des bagues
Anello dito sega



Ferris

20-309-17	20-310-17
17 cm - 6 ¾"	Blade only Sägeblatt allein Hoja sola Lame seule Lama sola



Walton

20-311-16	20-312-16
16 cm - 6 ¼"	Blade only Sägeblatt allein Hoja sola Lame seule Lama sola



Stone

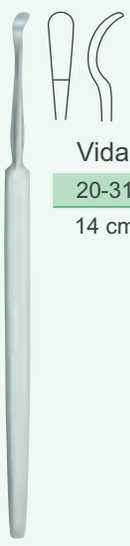
20-313-17	20-314-17
17 cm - 6 ¾"	Blade only Sägeblatt allein Hoja sola Lame seule Lama sola

Hook lets
Häkchen
Ganchos
Crochets
Hook lascia



Kilner

20-315-15
15 cm - 6"



Vidal

20-318-22

14 cm 5 ½"



Fox

20-319-14	20-320-14	20-321-14	20-322-14	14 cm - 5 ½"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	
3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	



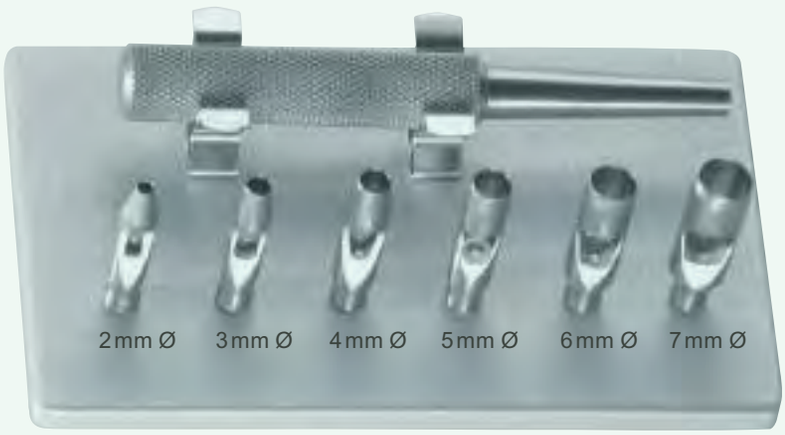
Wolff

20-323-14	20-324-14	20-325-14	20-326-14	20-327-14	20-328-14	14 cm - 5 ½"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	



Keyes

20-329-12	20-330-12	20-331-12	20-332-12	20-333-12	20-334-12	20-335-12	12 cm - 4 ¾"
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7	
2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø	8 mm Ø	



Keyes

20-336-00	Set consisting:
20-343-12	Handle
	Tips 20-337-12 to 20-342-12
20-336-00	Holding plate

Keyes

20-337-12	20-338-12	20-339-12	20-340-12	20-341-12	20-342-12	12 cm - 4 ¾"
2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø	

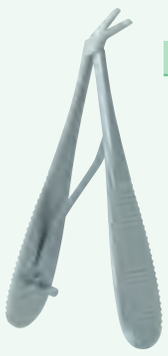
Tips
Aufsätze
Puntas
Pointes
Testine

Keyes

20-343-12

12 cm - 4 ¾"

Handle, only
Griff, allein
Mango,solo
Manche, seul
Manico, solo



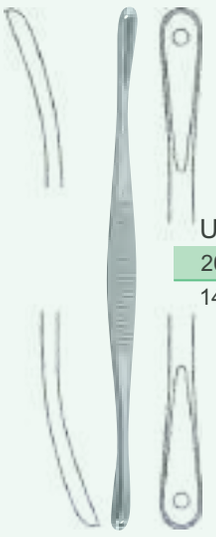
Holth

20-344-09

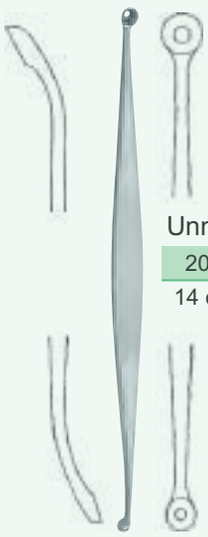
9 cm - 3 ½"

2mm

Punch
Hautstanze
Punzón
Poinçon
Punzone



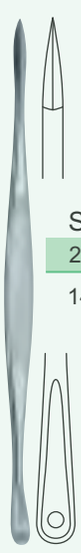
Unna
20-345-22
14 cm - 5 ½"



Unna
20-346-22
14 cm - 5 ½"



Saalfeld
20-347-22
10 cm - 4"



Saalfeld
20-348-22
14 cm - 5 ½"



Schamberg
20-349-22
10 cm - 4"



Katsch
20-350-22
14 cm - 5 ½"

Forceps to open infusion bottles
Infusionsflaschenönungszange
Pinza para abrir botellas de infusión
Pince pour ouvrir des bouteilles d'infusion
Pinze per aprire le bottiglie di infusione

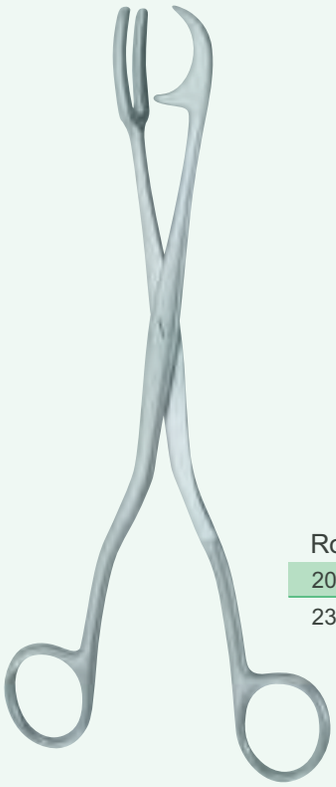


Hiveport
20-351-22
20 cm - 8"

Sterilizing forceps - waste forceps
Sterilisierzangen – Abfallzangen
Pinzasde estéilización - pinzasde basuras
Pinces à stérilisation – pinces à déchets
Sterilizzazione pinza - pinza rifiuti



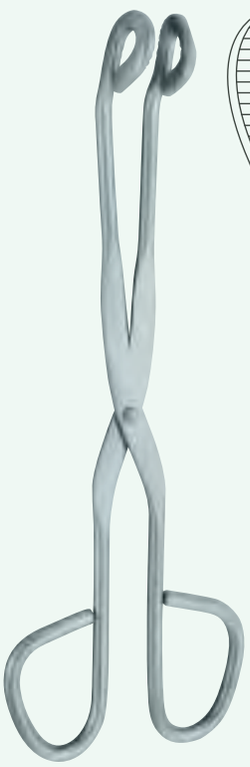
Cheatle
20-352-22
27 cm - 10 ¾"

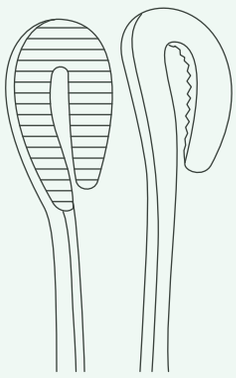


Rogge
20-353-22
23 cm - 9"



Rogge
20-354-22
20 cm - 8"
20-355-22
30 cm - 12"





Universal

20-356-20	
20-356-28	



20-357-20	20 cm- 8"
20-357-28	28 cm - 11"



Bunt

20-358-14	12 cm - 4 ¾"



Mayo

20-359-12	12 cm - 4 ¾"
20-359-14	14 cm - 5 ½"
20-359-16	16 cm - 6 ¼"



Forceps Jar - Fig. 1

20-235-00	Ø 30 x 90 mm
20-236-00	Ø 50 x 100 mm
20-237-00	Ø 50 x 130 mm
20-238-00	Ø 50 x 175 mm
20-239-00	Ø 75 x 100 mm
20-240-00	Ø 75 x 130 mm
20-241-00	Ø 75 x 175 mm
20-242-00	Ø 100 x 175 mm
20-243-00	Ø 100 x 200 mm



Forceps Jar - Fig. 2

20-244-25	25 cm - 9 ¾"
20-244-32	32 cm - 12 ½"



Sauerbruch

20-365-50	50.0 mm x 25.0 mm x 4.5 mm
20-365-65	65.0 mm x 42.0 mm x 8.0 mm
20-365-75	75.0 mm x 25.0 mm x 4.5 mm

18/8 stainless steel perforated
18/8 rostfrei gelocht
18/8 inoxidable perforado
18/8 inoxydable perforé
18/8 inossidabile perforato



Needle Sterilization Tub

20-366-65 65 mm Ø x 17 mm

perforated insert, outer case not perforated, 18/8 stainless steel
gelochte Innendose, ungelochte Außendose, 18/8 rostfrei
inserto perforado, caja no perforada, 18/8 inoxidable
insert perforé, boîtier non perforé, 18/8 inoxydable
scatola interna forata, scatolo esterna non forata, inossidabile 18/8

20-366-62 62 mm Ø x 15 mm

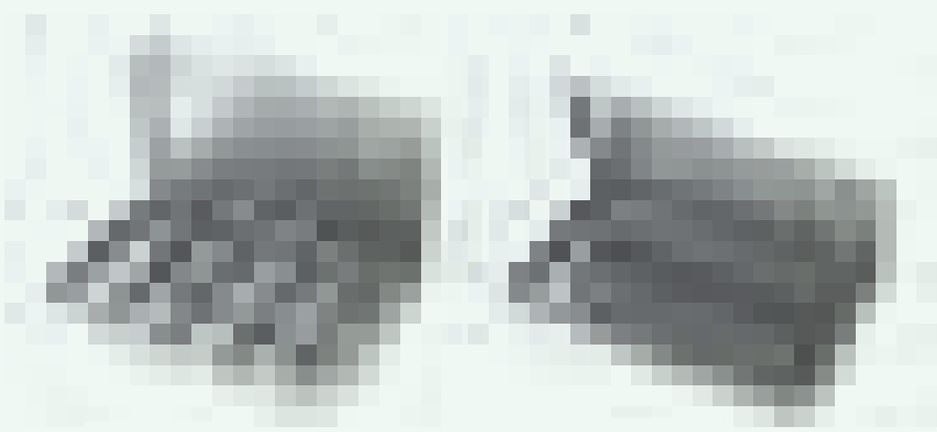
perforated insert, 18/8 stainless steel
gelochte Innendose, 18/8 rostfrei
inserto perforado, 18/8 inoxidable
insert perforé, 18/8 inoxydable
scatola interna forata, 18/8 inossidabil



Sauerbruch

20-367-15 150 mm x 95 mm x 13 mm

base and cover perforated, 18/8 stainless steel
Boden und Deckel perforiert, 18/8 Edelstahl
base y tapa perforada, acero inoxidable 18/8
base et couvercle perforés, acier inoxydable 18/8
base e coperchio forati, acciaio inossidabile 18/8



Sauerbruch

20-368-15	20-369-15	20-370-15	150 mm x 95 mm x 13 mm
base not perforated	base perforated	Cover not perforated, bottom perforated	18/8 stainless steel
Basis nicht perforiert	Boden perforiert	Deckel ungelocht, Boden gelocht	18/8 rostfrei
base no perforada	base perforada	Tapa no perforado, caja perforado	18/8 inoxidable
base non perforée	base perforés	Couvercle non perforé, boîtier perforé	18/8 inoxydable
base non perforata	base forati	Coperchio non perforato, fondo perforato	18/8 inossidabile





Lotion Bowl

20-371-16	0.75 l	165 mm Ø x 60 mm
20-371-17	1.00 l	175 mm Ø x 70 mm
20-371-22	2.00 l	220 mm Ø x 80 mm
20-371-24	3.00 l	240 mm Ø x 110 mm
20-371-27	4.50 l	275 mm Ø x 115 mm
20-371-29	6.00 l	290 mm Ø x 125 mm
20-371-31	6.00 l	310 mm Ø x 120 mm
20-371-34	8.50 l	345 mm Ø x 125 mm
20-371-38	11.00 l	380 mm Ø x 130 mm

Bowls,tarnished, 18/8 stainless steel
Schüsseln und Laborschalen, matt, 18/8 rostfrei
Palanganas, 18/8 inoxidable
Coupoles, depoli, 18/8 inoxydable
Scodelle, inossidabile 18/8

Galipot

20-372-40	0.05 l	40 mm Ø x 19 mm
20-372-61	0.07 l	61 mm Ø x 30 mm
20-372-80	0.14 l	80 mm Ø x 40 mm
20-372-11	0.35 l	116 mm Ø x 50 mm
20-372-12	0.45 l	128 mm Ø x 55 mm
20-372-14	0.70 l	147 mm Ø x 65 mm







Kidney Tray

20-373-15	Ø 150 mm
20-373-17	Ø 170 mm
20-373-20	Ø 200 mm
20-373-25	Ø 250 mm
20-373-27	Ø 300 mm

Round top edges

Kidney Tray

20-374-15	Ø 150 mm
20-374-17	Ø 170 mm
20-374-20	Ø 200 mm
20-374-25	Ø 250 mm
20-374-27	Ø 300 mm

Straight / flat edges

Kidney Tray With Lid

20-247-15	150 mm
20-247-18	180 mm
20-247-20	200 mm
20-247-25	250 mm
20-247-30	300 mm

Kidney bowls, tarnished, 18/8 stainless steel
Nierenschalen, matt, 18/8 rostfrei
Haricots, depoli, 18/8 inoxydable
Riñoneras, 18/8 inoxidable
Baccinella reniforme, 18/8 inossidabile



20-379-95	95 mm Ø x 60 mm

Sputum mugs, tarnished, 18/8 stainless steel
Sputumbecher, matt, 18/8 rostfrei
Coupoles, depoli, 18/8 inoxydable
Escupideras, mate, 18/8 inoxidable
Sputacchiera, 18/8 inossidabile



Medicine Cup

20-170-25	25 ml
20-170-50	50 ml
20-170-75	75 ml

Graduated



Cotton Jar

20-381-95	95 mm Ø x 60 mm
20-381-10	105 mm Ø x 60 mm
20-381-12	120 mm Ø x 120 mm
20-381-16	160 mm Ø x 140 mm

Dressing jars with cover, 18/8 stainless steel
Wattedosen mit Knopfde kel,c 18/8 rostfrei
Dispensadoresde algodón , 18/8 inoxidable
Bo ítesà pansements avec couvercle, 18/8 inoxydable
Dispens ori di cotton e, 18/8 inossid abile



Dressing Jar With Lid

20-192-00	Ø 80 x 60 mm
20-193-00	Ø 80 x 80 mm
20-194-00	Ø 100 x 60 mm
20-195-00	Ø 100 x 80 mm
21-196-00	Ø 100 x 100 mm
20-197-00	Ø 120 x 80 mm
20-198-00	Ø 120 x 100 mm
20-199-00	Ø 120 x 120 mm
20-200-00	Ø 150 x 100 mm
20-201-00	Ø 150 x 150 mm
20-202-00	Ø 180 x 150 mm
20-203-00	Ø 180 x 180 mm
20-204-00	Ø 200 x 200 mm
20-205-00	Ø 240 x 2400 mm



Urinal Jug

20-206-00	



Male Urinal

20-207-00	



Female Urinal

20-208-00	



Bed Pan

20-209-00	Ø 235 mm
20-210-00	Ø 320 mm



Bed Pan

20-211-00	Ø 235 mm
20-212-00	Ø 320 mm



Bed Pan

20-213-00	



Bed Pan

20-214-00	350 x 290 x 90.5 mm

American pattern



Bed Pan With Lid

20-215-00	305 x 235 mm
20-216-00	355 x 290 mm



Bed Pan With Lid And Handle

20-217-00	305 x 235 mm
20-218-00	355 x 290 mm



Jug

20-160-00	0.25 L
20-161-00	0.50 L
20-162-00	1.00 L
20-163-00	2.00 L

Graduated



Jug With Spot

20-164-00	0.25 L
20-165-00	0.50 L
20-166-00	1.00 L
20-167-00	2.00 L

Graduated



Bucket With Lid

20-168-12	12 L
20-168-15	15 L



Bucket

20-169-08	8 L
20-169-10	10 L
20-169-15	15 L



Instruments Tray

20-384-20	200 mm x 150 mm x 20 mm
20-384-24	240 mm x 160 mm x 30 mm
20-384-30	300 mm x 220 mm x 30 mm
20-384-35	350 mm x 250 mm x 40 mm
20-384-40	400 mm x 300 mm x 40 mm



Instruments Box With Lid

20-385-16	165 mm x 90 mm x 35 mm
20-385-20	200 mm x 100 mm x 50 mm
20-385-22	220 mm x 150 mm x 50 mm
20-385-26	260 mm x 50 mm x 50 mm
20-385-30	305 mm x 205 mm x 50 mm



Instruments Box

20-364-00	20-364-00	200 x 100 x 40 mm
20-365-00	20-365-00	200 x 100 x 50 mm
20-366-00	20-366-00	200 x 125 x 50 mm
20-367-00	20-367-00	230 x 125 x 60 mm
20-368-00	20-368-00	250 x 125 x 60 mm
20-369-00	20-369-00	250 x 150 x 60 mm
20-370-00	20-370-00	300 x 150 x 60 mm
20-371-00	20-371-00	505 x 200 x 125 mm
With handles	Without handles	



Instruments Tray With Straight Lid

20-279-00	150 x 100 x 50 mm
20-280-00	200 x 100 x 50 mm
20-281-00	220 x 120 x 50 mm
20-282-00	240 x 140 x 50 mm
20-283-00	200 x 150 x 50 mm
20-284-00	250 x 200 x 50 mm
20-285-00	300 x 200 x 50 mm
20-286-00	300 x 250 x 50 mm
20-287-00	350 x 250 x 50 mm
20-288-00	400 x 300 x 50 mm
20-289-00	450 x 300 x 50 mm
20-290-00	450 x 350 x 50 mm



Sterilization Drum

20-220-00	Ø 80 x 80 mm
20-221-00	Ø 105 x 120 mm
20-222-00	Ø 140 x 140 mm
20-223-00	Ø 160 x 120 mm
20-224-00	Ø 160 x 150 mm
20-225-00	Ø 190 x 150 mm
20-226-00	Ø 190 x 190 mm
20-227-00	Ø 240 x 160 mm
20-228-00	Ø 240 x 240 mm
20-229-00	Ø 290 x 160 mm
20-230-00	Ø 290 x 240 mm
20-231-00	Ø 340 x 160 mm
20-232-00	Ø 340 x 340 mm
20-233-00	Ø 390 x 190 mm
20-234-00	Ø 80 x 290 mm

Sterilizing cases
Sterilisierbehälter
Cajas para esterilización
Boîtes de stérilisation
sterilizzazione casi



20-390-40	402 mm x 158 mm x 112 mm
20-391-40	402 mm x 158 mm x 52 mm
20-391-39	392 mm x 138 mm x 77 mm
20-392-39	392 mm x 138 mm x 32 mm
20-392-18	182 mm x 138 mm x 32 mm
20-392-30	302 mm x 158 mm x 112 mm
20-393-30	302 mm x 158 mm x 52 mm
20-393-33	332 mm x 118 mm x 67 mm
20-394-33	332 mm x 118 mm x 27 mm
20-394-16	162 mm x 118 mm x 27 mm



20-439-00
Brush for hands and nails



20-440-00 210 x 95 mm



09-145-12
12 cm - 4 ¾”



09-145-23
23.5 cm - 9 ¼”



09-145-33
33 cm - 13”



20-441-33
400 ml



20-442-00	5000 ml
20-443-00	4 x 5000 ml



21

Sterilization
Sterilisation
Esterilización
Stérilisation
Sterilizzazione

surgimax™
saving lives

Type	Packing		Requirements according to:					
			DIN EN 285	DIN 58946-1				
	Description	Symbolic Delivery and Packaging System		Gravity Procedure	Pre-Vacuum Procedure	Fractional Vacuum Procedure	Fractional Flow Procedure	Steam Injection Procedure
	Textiles in sterilization container with filter inside lid and bottom.		+	+	+	+	+	+
			+	0	0	+	+	+
	Textiles in sterilization container with filter inside lid, and not perforated bottom.		+	-	-	+	+	+
			+	-	-	+	+	0
	Textiles in sterilization container with filter inside bottom and not perforated lid.		+	0	+	+	+	+
			+	-	0	+	+	+
	Instruments in wire baskets inside sterilisation container with filter inside lid and bottom.		+	+2)	+	+	+	+
	Instruments in wire baskets in sterilization container with filter inside lid and not perforated bottom.		+	-	+2)	+2)	+2)	+3)
	Instruments in wire baskets inside sterilization container with filter inside bottom.		+	0	+	+	+	+

Type

Packing		Requirements according to:					
		DIN EN 285	DIN 58946-1				
Description	Symbolic Delivery and Packaging System		Gravity Procedure	Pre-Vacuum Procedure	Fractional Vacuum Procedure	Fractional Flow Procedure	Steam Injection Procedure
Textiles in sterilization container with valve inside lid and bottom.		+	-	0	+	+	0
		+	-	-	+	+	0
Textiles in sterilization container with valve inside lid and no valve in the bottom.		+	-	-	+	+	-
		+	-	-	+	+	-
Instruments in wire baskets inside sterilization container with valve inside lid and bottom.		+	-	+2)	+2)	+2)	+2)
Instruments in wire baskets inside sterilization container with valve inside lid, no valve in the bottom.		+	-	+2)	+2)	+2)	+2)

Legend: + applicable, – not applicable, 0 applicable under certain conditions

1). To avoid service, operation and/or loading errors, see Table 1 for some recommendations regarding the correct or incorrect. combination of sterilization containers with standard steam sterilisation procedures.

2). Only sterilisation containers from which the condensate evaporation or flow off is guaranteed are suitable.

3). The gravity procedure without a drying device does not provide sufficient re-drying.



Standard Model



Safety Model

GB

Choose between our standard and our safety model. The safety lid protects against contamination while transport and stocking. Filter- and safety lid can only separate by opening container.

DE

Wählen Sie zwischen unserem Standard- und unserem Sicherheitsmodell. Der Sicherheitsdeckel schützt vor Kontamination bei Transport und Lagerung. Filter- und Sicherheitsdeckel lassen sich nur durch Öffnen des Behälters trennen.

ES

Elija entre nuestro estándar y nuestro modelo de seguridad. La tapa de seguridad protege contra la contaminación durante el transporte y almacenamiento. El filtro y la tapa de seguridad solo pueden separarse abriendo el recipiente.

FR

Choisissez entre notre modèle standard et notre modèle de sécurité. Le couvercle de sécurité protège contre la contamination pendant le transport et le stockage. Le filtre et le couvercle de sécurité ne peuvent se séparer qu'en ouvrant le récipient.

IT

Scegli tra il nostro modello standard e il nostro modello di sicurezza. Il coperchio di sicurezza protegge dalla contaminazione durante il trasporto e lo stoccaggio. Il filtro e il coperchio di sicurezza possono essere separati solo aprendo il contenitore.



Lid Perforated, Bottom Non Perforated



Lid Perforated, Bottom Perforated



GB

The locking flaps are movable 180° on a pivot and can be secured in any position.

DE

Die Verschlussklappen sind um 180° auf einem Drehpunkt beweglich und können in jeder Position arretiert werden.

ES

Las aletas de bloqueo se pueden mover 180° sobre un pivote y se pueden asegurar en cualquier posición.

FR

Les volets de verrouillage sont mobiles à 180° sur un pivot et peuvent être bloqués dans n'importe quelle position.

IT

Le alette di chiusura sono mobili di 180° su un perno e possono essere fissate in qualsiasi posizione.



GB

The filter retainer is locked by pressing down in center of the filter. Opening the filter retainer by pressing.

DE

Der Filterhalter wird durch Herunterdrücken in der Mitte des Filters verriegelt. Öffnen des Filterhalters durch Drücken.

ES

El retenedor del filtro se bloquea presionando hacia abajo en el centro del filtro. Apertura del portafiltros presionando.

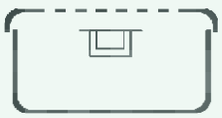
FR

Le dispositif de retenue du filtre est verrouillé en appuyant au centre du filtre. Ouverture du porte-filtre par pression.

IT

Il fermo del filtro si blocca premendo al centro del filtro. Apertura del portafiltro premendo.

1/1 Container - Standard Model



Non perforated Bottom



Perforated Bottom

	21-444-01
	21-444-02
	21-444-03
	21-444-04
	21-444-05
	21-444-06

Weight: 2634 gm

	21-445-01
	21-445-02
	21-445-03
	21-445-04
	21-445-05
	21-445-06

Weight: 3156 gm



Outside: 580 x 280 x 100 mm
Inside: 550 x 265 x 84 mm

	21-446-01
	21-446-02
	21-446-03
	21-446-04
	21-446-05
	21-446-06

Weight: 3125.5 gm

	21-447-01
	21-447-02
	21-447-03
	21-447-04
	21-447-05
	21-447-06

Weight: 3244 gm



Outside: 580 x 280 x 135 mm
Inside: 550 x 265 x 115 mm

	21-444-01
	21-444-02
	21-444-03
	21-444-04
	21-444-05
	21-444-06

Weight: 2634 gm

	21-445-01
	21-445-02
	21-445-03
	21-445-04
	21-445-05
	21-445-06

Weight: 3156 gm



Outside: 580 x 280 x 150 mm
Inside: 550 x 265 x 130 mm

	21-448-01
	21-448-02
	21-448-03
	21-448-04
	21-448-05
	21-448-06

Weight: 3219 gm

	21-449-01
	21-449-02
	21-449-03
	21-449-04
	21-449-05
	21-449-06

Weight: 3382 gm



Outside: 580 x 280 x 200 mm
Inside: 550 x 265 x 180 mm

	21-450-01
	21-450-02
	21-450-03
	21-450-04
	21-450-05
	21-450-06

Weight: 3429.5 gm

	21-451-01
	21-451-02
	21-451-03
	21-451-04
	21-451-05
	21-451-06

Weight: 3738.5 gm



Outside: 580 x 280 x 260 mm
Inside: 550 x 265 x 240 mm

1/1 Container - Safety Model



Non perforated Bottom



Perforated Bottom

	21-454-01
	21-454-02
	21-454-03
	21-454-04
	21-454-05
	21-454-06

Weight: 3486 gm

	21-455-01
	21-455-02
	21-455-03
	21-455-04
	21-455-05
	21-455-06

Weight: 4007.5 gm



Outside: 580 x 280 x 100 mm
Inside: 550 x 265 x 84 mm

	21-456-01
	21-456-02
	21-456-03
	21-456-04
	21-456-05
	21-456-06

Weight: 3981.5 gm

	21-457-01
	21-457-02
	21-457-03
	21-457-04
	21-457-05
	21-457-06

Weight: 4095.5 gm



Outside: 580 x 280 x 135 mm
Inside: 550 x 265 x 115 mm

	21-458-01
	21-458-02
	21-458-03
	21-458-04
	21-458-05
	21-458-06

Weight: 4070.5 gm

	21-459-01
	21-459-02
	21-459-03
	21-459-04
	21-459-05
	21-459-06

Weight: 4233 gm



Outside: 580 x 280 x 150 mm
Inside: 550 x 265 x 130 mm

	21-460-01
	21-460-02
	21-460-03
	21-460-04
	21-460-05
	21-460-06

Weight: 4280 gm

	21-461-01
	21-461-02
	21-461-03
	21-461-04
	21-461-05
	21-461-06

Weight: 4589 gm



Outside: 580 x 280 x 200 mm
Inside: 550 x 265 x 180 mm

	21-462-01
	21-462-02
	21-462-03
	21-462-04
	21-462-05
	21-462-06

Weight: 4770.5 gm

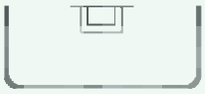
	21-463-01
	21-463-02
	21-463-03
	21-463-04
	21-463-05
	21-463-06

Weight: 5140 gm



Outside: 580 x 280 x 260 mm
Inside: 550 x 265 x 240 mm

1/1 Container - Bottoms and Lids



Non perforated
Bottom

	Outside	Inside	Weight
21-464-01	580 x 280 x 100 mm	550 x 262 x 84 mm	1923 gm
21-464-02	580 x 280 x 135 mm	550 x 262 x 117 mm	2019 gm
21-464-03	580 x 280 x 150 mm	550 x 262 x 132 mm	2108 gm
21-464-04	580 x 280 x 200 mm	550 x 262 x 182 mm	2317 gm
21-464-05	580 x 280 x 260 mm	550 x 262 x 244 mm	2808 gm





Perforated
Bottom

	Outside	Inside	Weight
21-465-01	580 x 280 x 100 mm	550 x 262 x 84 mm	2044 gm
21-465-02	580 x 280 x 135 mm	550 x 262 x 117 mm	2132 gm
21-465-03	580 x 280 x 150 mm	550 x 262 x 132 mm	2270 gm
21-465-04	580 x 280 x 200 mm	550 x 262 x 182 mm	2627 gm
21-465-05	580 x 280 x 260 mm	550 x 262 x 244 mm	2851 gm



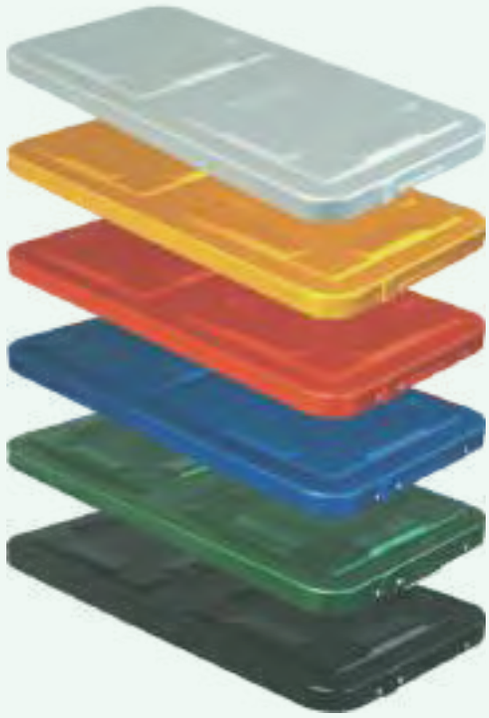
Perforated lid



	21-466-01
	21-466-02
	21-466-03
	21-466-04
	21-466-05
	21-466-06

Weight: 1111 gm
Size: 580 x 280 mm

Safety Lid



	21-467-01
	21-467-02
	21-467-03
	21-467-04
	21-467-05
	21-467-06

Weight: 851.5 gm
Size: 580 x 280 mm

1/1 Container - Wire Baskets



Wire Basket

21-548-01	485 x 255 x 30 mm
21-548-02	485 x 255 x 50 mm
21-548-03	485 x 255 x 70 mm
21-548-04	485 x 255 x 100 mm



Wire Basket

21-545-01	540 x 255 x 30 mm
21-545-02	540 x 255 x 50 mm
21-545-03	540 x 255 x 70 mm
21-545-04	540 x 255 x 100 mm



Wire Base

21-611-03	545 x 255 x 30 mm

Drape Retainer

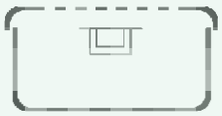
21-612-05	545 x 255 mm



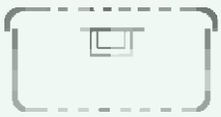
Drape

21-610-07	130 x 60 cm
21-610-08	140 x 100 cm
21-610-09	185 x 45 cm
21-610-10	185 x 60 cm

3/4 Container - Safety Model



Non perforated Bottom



Perforated Bottom

	21-468-01
	21-468-02
	21-468-03
	21-468-04
	21-468-05
	21-468-06

Weight: 2268.5 gm

	21-469-01
	21-469-02
	21-469-03
	21-469-04
	21-469-05
	21-469-06

Weight: 2503 gm



Outside: 465 x 280 x 100 mm
Inside: 425 x 265 x 84 mm

	21-470-01
	21-470-02
	21-470-03
	21-470-04
	21-470-05
	21-470-06

Weight: 2549.5 gm

	21-471-01
	21-471-02
	21-471-03
	21-471-04
	21-471-05
	21-471-06

Weight: 2715 gm



Outside: 465 x 280 x 135 mm
Inside: 425 x 265 x 115 mm

	21-472-01
	21-472-02
	21-472-03
	21-472-04
	21-472-05
	21-472-06

Weight: 2620.5 gm

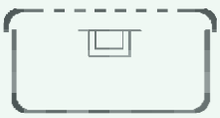
	21-473-01
	21-473-02
	21-473-03
	21-473-04
	21-473-05
	21-473-06

Weight: 2718 gm

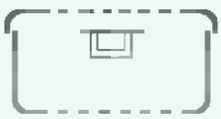


Outside: 465 x 280 x 150 mm
Inside: 425 x 260 x 130 mm

3/4 Container - Safety Model



Non perforated Bottom



Perforated Bottom

	21-474-01
	21-474-02
	21-474-03
	21-474-04
	21-474-05
	21-474-06

Weight: 2980 gm

	21-475-01
	21-475-02
	21-475-03
	21-475-04
	21-475-05
	21-475-06

Weight: 3213.5 gm



Outside: 465 x 280 x 100 mm
Inside: 425 x 265 x 84 mm

	21-476-01
	21-476-02
	21-476-03
	21-476-04
	21-476-05
	21-476-06

Weight: 3260 gm

	21-477-01
	21-477-02
	21-477-03
	21-477-04
	21-477-05
	21-477-06

Weight: 2425 gm



Outside: 465 x 280 x 135 mm
Inside: 425 x 265 x 115 mm

	21-478-01
	21-478-02
	21-478-03
	21-478-04
	21-478-05
	21-478-06

Weight: 2975 gm

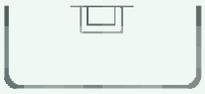
	21-479-01
	21-479-02
	21-479-03
	21-479-04
	21-479-05
	21-479-06

Weight: 3561 gm



Outside: 465 x 280 x 150 mm
Inside: 425 x 260 x 130 mm

3/4 Container - Bottoms and Lids



Non perforated Bottom

	Outside	Inside	Weight
21-480-01	465 x 280 x 100 mm	465 x 262 x 84 mm	1396 gm
21-480-02	465 x 280 x 135 mm	465 x 262 x 117 mm	1676 gm
21-480-03	465 x 280 x 150 mm	465 x 262 x 132 mm	1792 gm





Perforated Bottom

	Outside	Inside	Weight
21-481-01	465 x 280 x 100 mm	425 x 262 x 84 mm	2044 gm
21-481-02	465 x 280 x 135 mm	425 x 262 x 117 mm	2132 gm
21-481-03	465 x 280 x 150 mm	425 x 262 x 132 mm	2270 gm



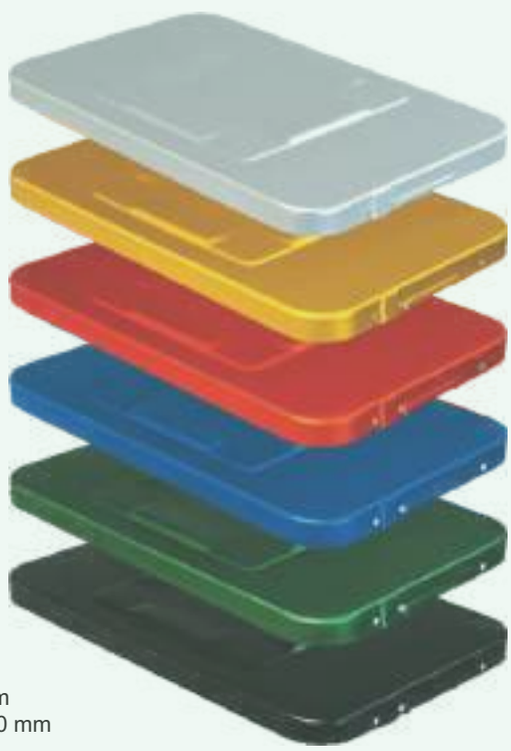
Perforated lid



- 21-482-01
- 21-482-02
- 21-482-03
- 21-482-04
- 21-482-05
- 21-482-06

Weight: 873 gm
Size: 465 x 280 mm

Safety Lid



- 21-483-01
- 21-483-02
- 21-483-03
- 21-483-04
- 21-483-05
- 21-483-06

Weight: 710 gm
Size: 465 x 280 mm

3/4 Container - Wire Baskets



Wire Basket

21-551-01	405 x 255 x 30 mm
21-551-02	405 x 255 x 50 mm
21-551-03	405 x 255 x 70 mm
21-551-04	405 x 255 x 100 mm



Wire Base

21-611-02	405 x 255 x 30 mm

Drape Retainer

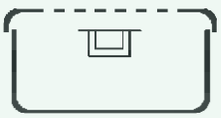
21-612-04	405 x 255 mm



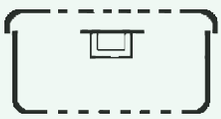
Drape

21-610-08	140 x 100 cm

1/2 Container - Standard Model



Non perforated Bottom



Perforated Bottom

	21-484-01
	21-484-02
	21-484-03
	21-484-04
	21-484-05
	21-484-06

Weight: 1744.5 gm

	21-485-01
	21-485-02
	21-485-03
	21-485-04
	21-485-05
	21-485-06

Weight: 1890.5 gm



Outside: 285 x 280 x 100 mm
Inside: 262 x 260 x 84 mm

	21-486-01
	21-486-02
	21-486-03
	21-486-04
	21-486-05
	21-486-06

Weight: 1947 gm

	21-487-01
	21-487-02
	21-487-03
	21-487-04
	21-487-05
	21-487-06

Weight: 2125 gm



Outside: 285 x 280 x 135 mm
Inside: 262 x 260 x 115 mm

	21-488-01
	21-488-02
	21-488-03
	21-488-04
	21-488-05
	21-488-06

Weight: 1981 gm

	21-489-01
	21-489-02
	21-489-03
	21-489-04
	21-489-05
	21-489-06

Weight: 2462.5 gm



Outside: 285 x 280 x 150 mm
Inside: 262 x 260 x 132 mm

	21-490-01
	21-490-02
	21-490-03
	21-490-04
	21-490-05
	21-490-06

Weight: 2101 gm

	21-491-01
	21-491-02
	21-491-03
	21-491-04
	21-491-05
	21-491-06

Weight: 2513.5 gm



Outside: 285 x 280 x 200 mm
Inside: 262 x 260 x 180 mm

	21-492-01
	21-492-02
	21-492-03
	21-492-04
	21-492-05
	21-492-06

Weight: 2483.5 gm

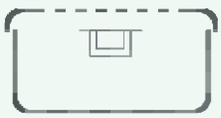
	21-493-01
	21-493-02
	21-493-03
	21-493-04
	21-493-05
	21-493-06

Weight: 2657.5 gm

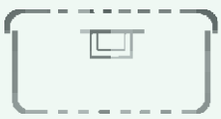


Outside: 285 x 280 x 260 mm
Inside: 262 x 260 x 238 mm

1/2 Container - Safety Model



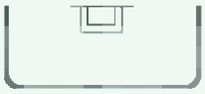
Non perforated Bottom



Perforated Bottom

	Non perforated Bottom	Perforated Bottom	
	21-494-01	21-495-01	 Outside: 285 x 280 x 100 mm Inside: 262 x 260 x 84 mm
	21-494-02	21-495-02	
	21-494-03	21-495-03	
	21-494-04	21-495-04	
	21-494-05	21-495-05	
	21-494-06	21-495-06	
	Weight: 2162.5 gm	Weight: 2309.5 gm	
	21-496-01	21-497-01	 Outside: 285 x 280 x 135 mm Inside: 262 x 260 x 116 mm
	21-496-02	21-497-02	
	21-496-03	21-497-03	
	21-496-04	21-497-04	
	21-496-05	21-497-05	
	21-496-06	21-497-06	
	Weight: 2351 gm	Weight: 2466 gm	
	21-498-01	21-499-01	 Outside: 285 x 280 x 150 mm Inside: 262 x 260 x 132 mm
	21-498-02	21-499-02	
	21-498-03	21-499-03	
	21-498-04	21-499-04	
	21-498-05	21-499-05	
	21-498-06	21-499-06	
	Weight: 2394 gm	Weight: 2583 gm	
	21-500-01	21-501-01	 Outside: 285 x 280 x 200 mm Inside: 262 x 260 x 182 mm
	21-500-02	21-501-02	
	21-500-03	21-501-03	
	21-500-04	21-501-04	
	21-500-05	21-501-05	
	21-500-06	21-501-06	
	Weight: 2560 gm	Weight: 2785.5 gm	
	21-502-01	21-503-01	 Outside: 285 x 280 x 260 mm Inside: 262 x 260 x 238 mm
	21-502-02	21-503-02	
	21-502-03	21-503-03	
	21-502-04	21-503-04	
	21-502-05	21-503-05	
	21-502-06	21-503-06	
	Weight: 2930 gm	Weight: 3069.5 gm	

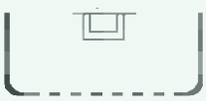
1/2 Container - Bottoms and Lids



Non perforated
Bottom

	Outside	Inside	Weight
21-504-01	285 x 280 x 100 mm	262 x 262 x 82 mm	1096 gm
21-504-02	285 x 280 x 135 mm	262 x 262 x 120 mm	1284 gm
21-504-03	285 x 280 x 150 mm	262 x 262 x 135 mm	1327 gm
21-504-04	285 x 280 x 200 mm	262 x 262 x 185 mm	1447 gm
21-504-05	285 x 280 x 260 mm	262 x 262 x 240 mm	1817 gm





Perforated
Bottom

	Outside	Inside	Weight
21-505-01	285 x 280 x 100 mm	262 x 262 x 82 mm	1242 gm
21-505-02	285 x 280 x 135 mm	262 x 262 x 120 mm	1398 gm
21-505-03	285 x 280 x 150 mm	262 x 262 x 135 mm	1471 gm
21-505-04	285 x 280 x 200 mm	262 x 262 x 185 mm	1672 gm
21-505-05	285 x 280 x 260 mm	262 x 262 x 240 mm	2000 gm



Perforated lid



	21-506-01
	21-506-02
	21-506-03
	21-506-04
	21-506-05
	21-506-06

Weight: 254 gm
Size: 285 x 280 mm

Safety Lid



	21-507-01
	21-507-02
	21-507-03
	21-507-04
	21-507-05
	21-507-06

Weight: 458 gm
Size: 285 x 280 mm

1/2 Container - Wire Baskets



Wire Basket

21-554-01	255 x 245 x 30 mm
21-554-02	255 x 245 x 50 mm
21-554-03	255 x 245 x 70 mm
21-554-04	255 x 245 x 100 mm

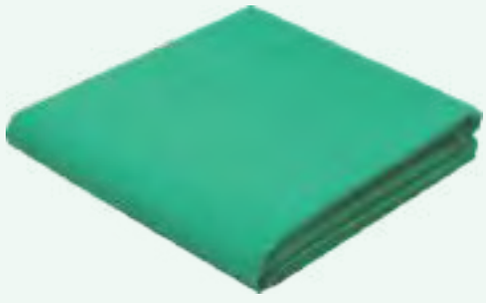


Wire Base

21-611-01	255 x 245 x 30 mm

Drape Retainer

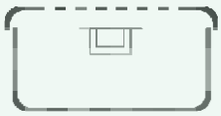
21-612-03	255 x 245 mm



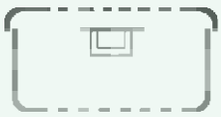
Drape

21-610-04	90 x 60 cm
21-610-05	90 x 80 cm
21-610-06	130 x 45 cm
21-610-07	130 x 60 cm

Flat Container - Containers and Bottoms



Non perforated Bottom



Perforated Bottom

	21-508-01
	21-508-02
	21-508-03
	21-508-04
	21-508-05
	21-508-06

Weight: 1285 gm



Outside: 285 x 280 x 55 mm
Inside: 270 x 270 x 33 mm

	21-509-01
	21-509-02
	21-509-03
	21-509-04
	21-509-05
	21-509-06

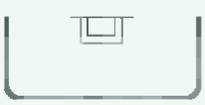
Weight: 1377 gm

	21-510-01
	21-510-02
	21-510-03
	21-510-04
	21-510-05
	21-510-06

Weight: 1529 gm



Outside: 600 x 400 x 180 mm
Inside: 550 x 350 x 160 mm



Non perforated Bottom

	Outside	Inside	Weight
21-511-01	285 x 280 x 55 mm	270 x 270 x 33 mm	611 gm
21-511-02	285 x 280 x 85 mm	270 x 270 x 64 mm	703 gm





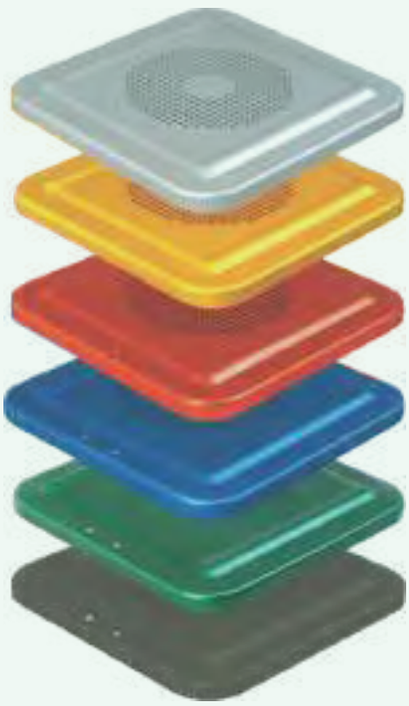
Perforated Bottom

	Outside	Inside	Weight
21-512-01	285 x 280 x 85 mm	270 x 270 x 64 mm	857 gm



Flat Container - Lids and accessories

Perforated lid



	21-513-01
	21-513-02
	21-513-03
	21-513-04
	21-513-05
	21-513-06

Weight: 674 gm



Wire Basket

21-554-01	255 x 245 x 30 mm
21-554-02	255 x 245 x 50 mm

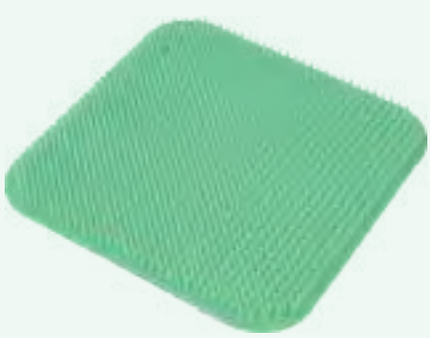
Drape Retainer

21-612-03	255 x 245 mm



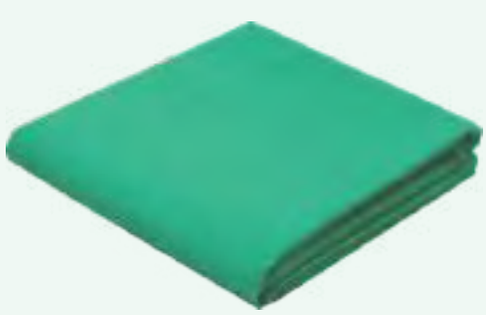
Wire Base

21-611-01	255 x 245 x 30 mm



Silicone Mat

21-628-02	245 x 245 mm



Drape

21-610-04	90 x 60 cm
21-610-05	90 x 80 cm

Mini Container



Non perforated Bottom



Perforated Bottom

	21-514-01
	21-514-02
	21-514-03
	21-514-04
	21-514-05
	21-514-06

Weight: 510.5 gm

	21-515-01
	21-515-02
	21-515-03
	21-515-04
	21-515-05
	21-515-06

Weight: 589 gm



Outside: 300 x 140 x 40 mm
Inside: 280 x 130 x 27 mm

	21-516-01
	21-516-02
	21-516-03
	21-516-04
	21-516-05
	21-516-06

Weight: 567 gm

	21-517-01
	21-517-02
	21-517-03
	21-517-04
	21-517-05
	21-517-06

Weight: 630 gm



Outside: 300 x 140 x 70 mm
Inside: 280 x 130 x 55 mm

	21-518-01
	21-518-02
	21-518-03
	21-518-04
	21-518-05
	21-518-06

Weight: 625.5 gm

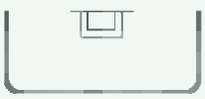
	21-519-01
	21-519-02
	21-519-03
	21-519-04
	21-519-05
	21-519-06

Weight: 625 gm



Outside: 300 x 140 x 100 mm
Inside: 280 x 130 x 84 mm

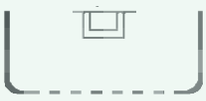
Mini Container - Bottoms and Lids



Non perforated Bottom

	Outside	Inside	Weight
21-520-01	300 x 140 x 40 mm	280 x 130 x 27 mm	190 gm
21-520-02	300 x 140 x 70 mm	280 x 130 x 55 mm	241 gm
21-520-03	300 x 140 x 100 mm	280 x 130 x 84 mm	305 gm

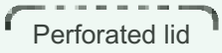




Perforated Bottom

	Outside	Inside	Weight
21-521-01	300 x 140 x 40 mm	280 x 130 x 27 mm	258 gm
21-521-02	300 x 140 x 70 mm	280 x 130 x 55 mm	304 gm
21-521-03	300 x 140 x 100 mm	280 x 130 x 84 mm	326 gm





Perforated lid



	21-522-01
	21-522-02
	21-522-03
	21-522-04
	21-522-05
	21-522-06

Weight: 325.5 gm

Mini Container - Accessories

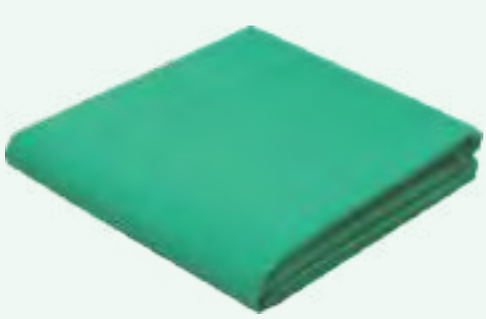
Drape Retainer

21-612-01	280 x 125 mm



Silicone Mat

21-628-01	270 x 125 mm



Drape

21-610-01	60 x 40 cm

Dental Containers



Perforated
Bottom

21-523-01

Weight: 783 gm



Outside: 310 x 190 x 40 mm
Inside: 280 x 182 x 35 mm



Perforated
Bottom

21-524-01

Weight: 862 gm



Outside: 310 x 190 x 65 mm
Inside: 280 x 182 x 55 mm



Perforated
Bottom

21-525-01

Weight: 1022 gm



Outside: 310 x 190 x 130 mm
Inside: 280 x 182 x 124 mm

Dental Container - Bottom, Lid and Accessories



Perforated Bottom



	Outside	Inside	Weight
21-526-01	310 x 190 x 40 mm	280 x 182 x 35 mm	341 gm
21-526-02	310 x 190 x 65 mm	280 x 182 x 55 mm	415 gm
21-526-03	310 x 190 x 130 mm	280 x 182 x 124 mm	570 gm



Perforated lid

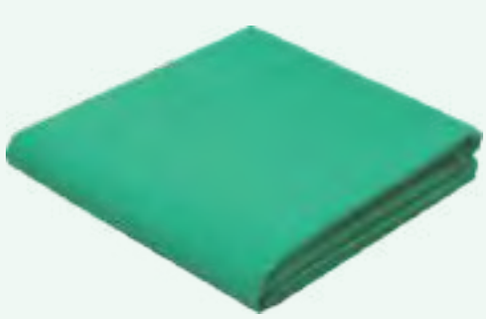


21-527-01

Weight: 417 gm
Size: 310 x 190 mm

Drape Retainer

21-612-02	310 x 190 mm



Drape

21-610-01	60 x 40 cm
21-610-02	65 x 65 cm
21-610-03	85 x 85 cm

Implant Containers



Lid perforated
Bottom perforated (no filter)

	21-528-01
	21-528-02
	21-528-03
	21-528-04
	21-528-05
	21-528-06

Weight: 654 gm



Outside: 500 x 155 x 75 mm
Inside: 495 x 155 x 75 mm



Lid perforated
Bottom perforated (no filter)

	21-529-01
	21-529-02
	21-529-03
	21-529-04
	21-529-05
	21-529-06

Weight: 368 gm



Outside: 500 x 155 x 75 mm
Inside: 495 x 155 x 75 mm

Optik Containers



Lid perforated
Bottom perforated (no filter)

21-530-01

Weight: 302 gm



Outside: 450 x 70 x 70 mm
Inside: 450 x 70 x 30 mm



Lid perforated
Bottom perforated (no filter)

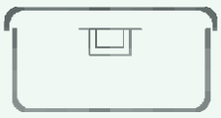
21-531-01

Weight: 152 gm



Outside: 250 x 60 x 50 mm
Inside: 250 x 55 x 50 mm

Removal Containers



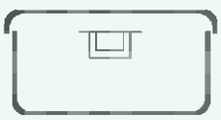
Non perforated
Lid and Bottom

	21-532-01
	21-532-02
	21-532-03
	21-532-04
	21-532-05
	21-532-06

Weight: 1677 gm



Outside: 285 x 280 x 100 mm
Inside: 262 x 260 x 82 mm



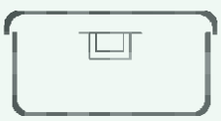
Non perforated
Lid and Bottom

	21-533-01
	21-533-02
	21-533-03
	21-533-04
	21-533-05
	21-533-06

Weight: 1929 gm



Outside: 285 x 280 x 150 mm
Inside: 262 x 260 x 132 mm



Non perforated
Lid and Bottom

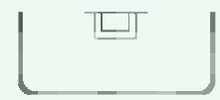
	21-534-01
	21-534-02
	21-534-03
	21-534-04
	21-534-05
	21-534-06

Weight: 2883 gm



Outside: 580 x 280 x 150 mm
Inside: 548 x 258 x 130 mm

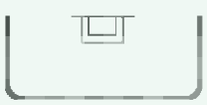
Removal Container - Bottoms and Lids



Non perforated
Bottom

	Outside	Weight
21-535-01	580 x 280 x 150 mm	2108 gm





Non perforated
Bottom

	Outside	Weight
21-536-01	285 x 280 x 150 mm	1096 gm
21-636-02	285 x 280 x 150 mm	1327 gm



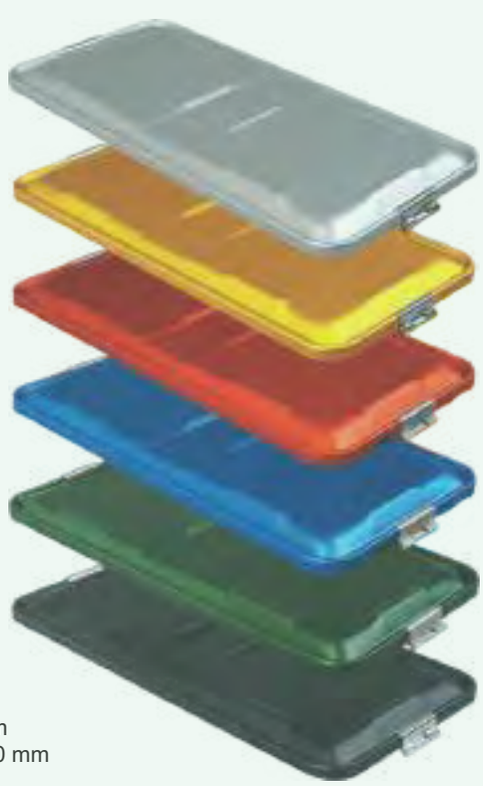
Non-Perforated lid



	21-537-01
	21-537-02
	21-537-03
	21-537-04
	21-537-05
	21-537-06

Weight: 458 gm
Size: 285 x 280 mm

Non-Perforated lid



	21-538-01
	21-538-02
	21-538-03
	21-538-04
	21-538-05
	21-538-06

Weight: 875 gm
Size: 580 x 280 mm

Brush Container - Stainless Steel and Aluminium



21-539-10	For 10 brushes
21-539-20	For 20 brushes

Stainless steel

	21-540-01
	21-540-02
	21-540-03
	21-540-04
	21-540-05

Aluminium
For 20 brushes
Size: 240 x 275 x 70 mm



Single Tray Containers

21-541-01	200 x 140 x 50 mm
21-541-02	280 x 195 x 50 mm
21-541-03	265 x 255 x 50 mm
21-541-04	380 x 260 x 50 mm

For micro instruments



Double Tray Containers

21-542-01	280 x 195 x 50 mm
21-542-02	265 x 255 x 50 mm
21-542-03	380 x 260 x 50 mm

With 2 take-out perforated trays

Baskets



21-543-01	540 x 255 x 30 mm
21-543-02	540 x 255 x 50 mm
21-543-03	540 x 255 x 70 mm
21-543-04	540 x 255 x 100 mm

Wire basket with lid

21-544-00
Lid only



21-545-01	540 x 255 x 30 mm
21-545-02	540 x 255 x 50 mm
21-545-03	540 x 255 x 70 mm
21-545-04	540 x 255 x 100 mm

Wire basket



21-546-01	485 x 255 x 30 mm
21-546-02	485 x 255 x 50 mm
21-546-03	485 x 255 x 70 mm
21-546-04	485 x 255 x 100 mm

Wire basket with lid

21-547-00
Lid only



21-548-01	485 x 255 x 30 mm
21-548-02	485 x 255 x 50 mm
21-548-03	485 x 255 x 70 mm
21-548-04	485 x 255 x 100 mm

Wire basket

Baskets



21-549-01	405 x 255 x 30 mm
21-549-02	405 x 255 x 50 mm
21-549-03	405 x 255 x 70 mm
21-549-04	405 x 255 x 100 mm

Wire basket with lid

21-550-00
Lid only



21-551-01	405 x 255 x 30 mm
21-551-02	405 x 255 x 50 mm
21-551-03	405 x 255 x 70 mm
21-551-04	405 x 255 x 100 mm

Wire basket



21-552-01	255 x 245 x 30 mm
21-552-02	255 x 245 x 50 mm
21-552-03	255 x 245 x 70 mm
21-552-04	255 x 245 x 100 mm

Wire basket with lid

21-553-00
Lid only



21-554-01	255 x 245 x 30 mm
21-554-02	255 x 245 x 50 mm
21-554-03	255 x 245 x 70 mm
21-554-04	255 x 245 x 100 mm

Wire basket

Baskets






21-555-01	540 x 255 x 50 mm
21-555-02	540 x 255 x 70 mm
21-555-03	540 x 255 x 100 mm

Wire basket with lid

21-556-00

Lid only

21-557-01	485 x 255 x 50 mm
21-557-02	485 x 255 x 70 mm
21-557-03	485 x 255 x 100 mm

Wire basket with lid

21-558-00

Lid only

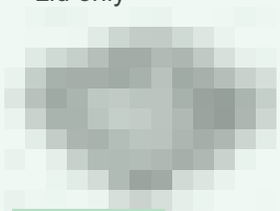


21-561-01	405 x 255 x 50 mm
21-561-02	405 x 255 x 70 mm
21-561-03	405 x 255 x 100 mm

Wire basket with lid

21-562-00

Lid only



21-564-01	255 x 245 x 50 mm
21-564-02	255 x 245 x 70 mm
21-564-03	255 x 245 x 100 mm

Wire basket with lid

21-565-00

Lid only






21-559-01	540 x 255 x 50 mm
21-559-02	540 x 255 x 70 mm
21-559-03	540 x 255 x 100 mm

Wire basket

21-560-01	485 x 255 x 50 mm
21-560-02	485 x 255 x 70 mm
21-560-03	485 x 255 x 100 mm

Wire basket



21-563-01	405 x 255 x 50 mm
21-563-02	405 x 255 x 70 mm
21-563-03	405 x 255 x 100 mm

Wire basket



21-566-01	255 x 245 x 50 mm
21-566-02	255 x 245 x 70 mm
21-566-03	255 x 245 x 100 mm

Wire basket

Baskets



21-567-01	290 x 80 x 52 mm
21-567-02	460 x 80 x 52 mm
21-567-03	670 x 80 x 52 mm

Endoscope basket



21-568-00	640 x 150 x 77 mm

Endoscope basket



21-569-00	274 x 172 x 43 mm

Wire basket



21-570-00	267 x 125 x 50 mm

Wire basket



21-571-00	274 x 172 x 43 mm

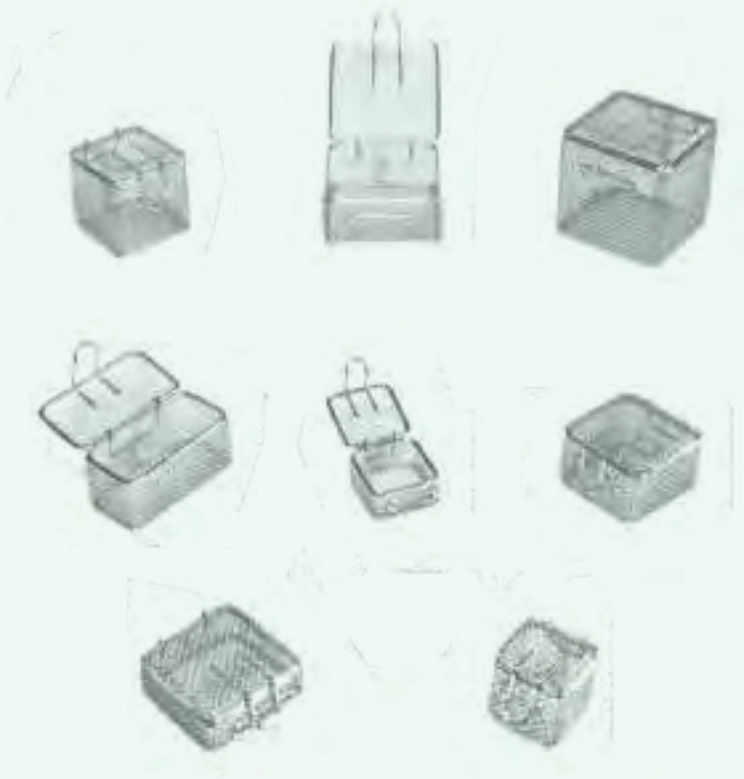
Wire basket



21-572-00	267 x 125 x 50 mm

Wire basket

Wire Baskets



21-573-01	30 x 30 x 30 mm
21-573-02	40 x 40 x 20 mm
21-573-03	40 x 40 x 40 mm
21-573-04	60 x 60 x 20 mm
21-573-05	60 x 60 x 40 mm
21-573-06	60 x 60 x 60 mm
21-573-07	80 x 80 x 20 mm
21-573-08	80 x 40 x 40 mm
21-573-09	80 x 80 x 40 mm
21-573-10	80 x 80 x 60 mm
21-573-11	80 x 80 x 80 mm
21-573-12	100 x 100 x 10 mm
21-573-13	120 x 120 x 30 mm
21-573-14	120 x 120 x 60 mm
21-573-15	120 x 120 x 80 mm
21-573-16	240 x 240 x 30 mm
21-573-17	240 x 240 x 60 mm
21-573-18	240 x 240 x 80 mm
21-573-19	240 x 240 x 100 mm

Small fine mesh basket with lid
Mesh distance, 2 x 2 mm



21-574-01	600 x 400 x 150 mm
21-574-02	600 x 400 x 300 mm

Laundry basket



21-575-01	600 x 400 x 150 mm
21-575-02	600 x 400 x 300 mm

Laundry basket

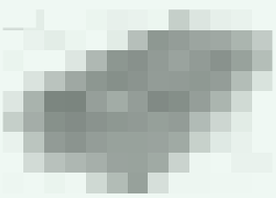
Baskets





Size: 1/1

Box and lid	Box only	Lid only	
21-576-01	21-577-01	21-578-01	540 x 253 x 30 mm
21-576-02	21-577-02	21-578-02	540 x 253 x 50 mm
21-576-03	21-577-03	21-578-03	540 x 253 x 70 mm
21-576-04	21-577-04	21-578-04	540 x 253 x 100 mm



Size: 1/1

Box and lid	Box only	Lid only	
21-579-01	21-580-01	21-581-01	485 x 253 x 30 mm
21-579-02	21-580-02	21-581-02	485 x 253 x 50 mm
21-579-03	21-580-03	21-581-03	485 x 253 x 70 mm
21-579-04	21-580-04	21-581-04	485 x 253 x 100 mm



Size: 3/4

Box and lid	Box only	Lid only	
21-582-01	21-583-01	21-584-01	405 x 253 x 30 mm
21-582-02	21-583-02	21-584-02	405 x 253 x 50 mm
21-582-03	21-583-03	21-584-03	405 x 253 x 70 mm
21-582-04	21-583-04	21-584-04	405 x 253 x 100 mm



Size: 1/2

Box and lid	Box only	Lid only	
21-585-01	21-586-01	21-587-01	244 x 253 x 30 mm
21-585-02	21-586-02	21-587-02	244 x 253 x 50 mm
21-585-03	21-586-03	21-587-03	244 x 253 x 70 mm
21-585-04	21-586-04	21-587-04	244 x 253 x 100 mm



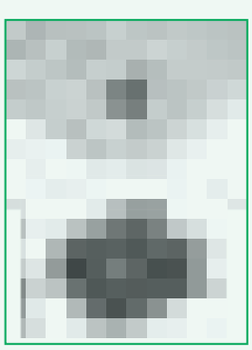
Size: Dental

Box and lid	Box only	Lid only	
21-588-01	21-589-01	21-590-01	275 x 175 x 40 mm
21-588-02	21-589-02	21-590-02	275 x 175 x 95 mm



Size: Small

Box and lid	Box only	Lid only	
21-591-01	21-592-01	21-593-01	265 x 125 x 50 mm



21-594-14
Stand
14 mm height



21-595-20
Stand
20 mm height

Filters



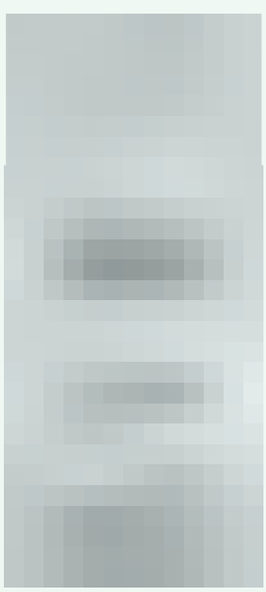
21-596-00 210 x 95 mm

Long term textile filter for mini and dental container for 50 sterilization cycles.



21-597-00 235 x 118 mm

Long term PTFE filter for mini and dental container for 1200 sterilization cycles.



21-598-00 235 x 118 mm

Long term PTFE filter for 1/1, 1/2, 3/4, mini and dental container.



21-599-00 Ø 190 mm

Long term textil filter for 1/1, 1/2, 3/4 container for 50 sterilization cycles.



21-600-00 235 x 118 mm

Long term PTFE filter for 1/1, 1/2, 3/4 container for 1200 sterilization cycles.



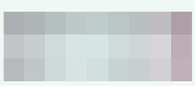
21-601-00 235 x 118 mm

Disposable filter for 1/1, 1/2, 3/4 container.

Indicators, Labels and Drapes



21-602-00
Paper label with indicator
For 1/1, 1/2, 3/4 containers
Pack of 100



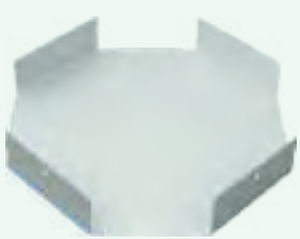
21-602-00
Paper label with indicator
For mini and dental containers
Pack of 100



21-602-00
Heavy duty clip
Serrated jaws



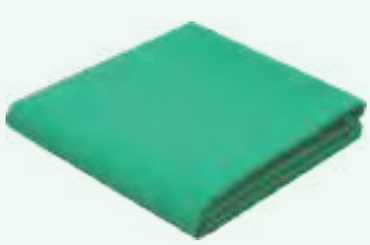
21-605-01 For paper filter
21-605-02 For textile filter
Filter tray



21-606-00
Filter dispencer



21-607-00
Plastic security seal
Pack of 100



Drape

21-610-01	60 x 40 cm
21-610-02	65 x 65 cm
21-610-03	85 x 85 cm
21-610-04	90 x 60 cm
21-610-05	90 x 80 cm
21-610-06	130 x 45 cm
21-610-07	130 x 60 cm
21-610-08	140 x 100 cm
21-610-09	185 x 45 cm
21-610-10	185 x 60 cm



21-607-00
Dispencer for
identification labels

21-609-01	
21-609-02	
21-609-03	
21-609-04	
21-609-05	
21-609-06	
21-609-07	
21-609-08	



Coloured identification labels.
Printed to your specification,
16 letters max.

Wire Base, Drape Retainer, Metal Labels and Fixation Clamps



Wire Base

21-611-01	255 x 245 x 30 mm
21-611-02	405 x 255 x 30 mm
21-611-03	545 x 255 x 30 mm

Drape Retainer

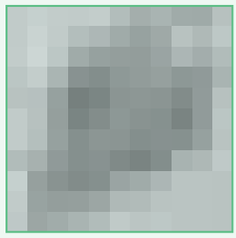
21-612-01	280 x 125 mm
21-612-02	310 x 190 mm
21-612-03	255 x 245 mm
21-612-04	405 x 255 mm
21-612-05	545 x 255 mm



Metal Label for Wire Basket

21-613-00	545 x 255 x 30 mm

Unlabeled



Metal Label for Wire Basket

21-614-00	545 x 255 mm

Labeled



21-615-01
24 x 28 x 25 mm
Ø 7 - 12 mm



21-615-02
24 x 28 x 29 mm
Ø 12 - 16 mm



21-615-03
24 x 28 x 31 mm
Ø 16 - 26 mm



21-615-04
24 x 28 x 40 mm
Ø 26 - 36 mm



21-615-05
24 x 28 x 44 mm
Ø 36 - 45 mm



21-616-01
50 x 20 x 12 mm



21-616-02
65 x 20 x 20 mm



Tray Tags



	21-617-01
	21-617-02
	21-617-03
	21-617-04
	21-617-05

	21-617-01
	21-617-02
	21-617-03
	21-617-04
	21-617-05

Nylon
Size: 105x40mm
Pack of 100



21-618-00

Stainless steel
Attachment ring
Ø 30 mm
Pack of 100

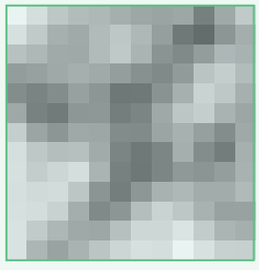
Components



21-619-00
Holdong pin for partition sheets



21-620-00
Holdong pin for wire baskets





21-621-01	50 x 20 mm
21-621-02	130 x 20 mm
21-621-03	225 x 20 mm
21-621-04	460 x 20 mm

Sheets



21-622-01	230 mm
21-622-02	470 mm

Sliding rails with securing screws



21-623-01	230 mm
21-623-02	470 mm

Limiting bar with securing screws



21-624-00
Divider, to be used with 21-622-01 and 21-622-02

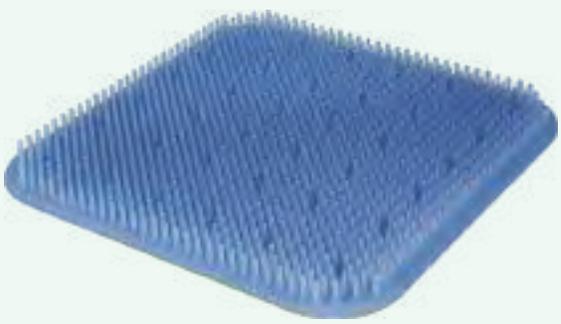


21-625-00
Spiral holding



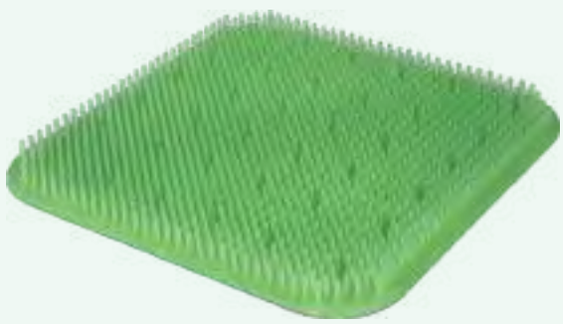
21-626-00
Double spiral holding

Silicone Mats



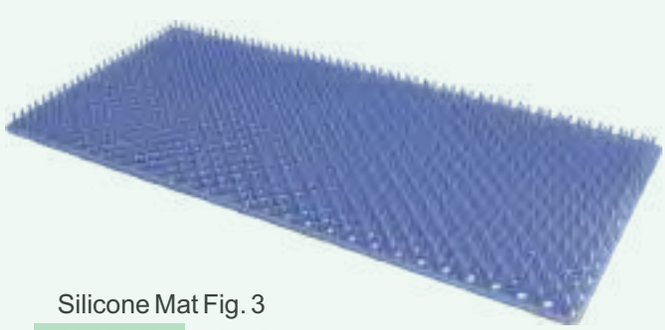
Silicone Mat Fig. 1

21-627-01	270 x 125 mm
21-627-02	245 x 245 mm
21-627-03	220 x 230 mm
21-627-04	380 x 230 mm
21-627-05	440 x 230 mm
21-627-06	520 x 230 mm



Silicone Mat Fig. 2

21-628-01	270 x 125 mm
21-628-02	245 x 245 mm
21-628-03	220 x 230 mm
21-628-04	380 x 230 mm
21-628-05	440 x 230 mm
21-628-06	520 x 230 mm



Silicone Mat Fig. 3

21-629-00	545 x 255 mm

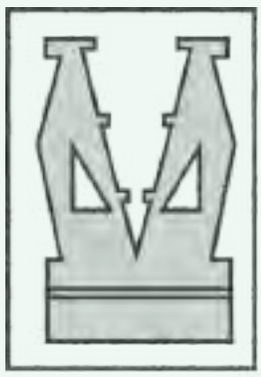


Silicone Mat Fig. 4

21-630-01	220 x 125 mm
21-630-02	380 x 230 mm
21-630-03	440 x 230 mm
21-630-04	520 x 230 mm

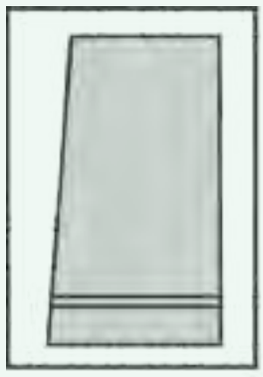
Silicone Fixation System





	Length	Height
21-631-01	97 mm	41 mm
21-631-02	125 mm	41 mm
21-631-03	152 mm	41 mm
21-631-04	250 mm	41 mm



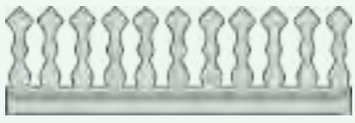


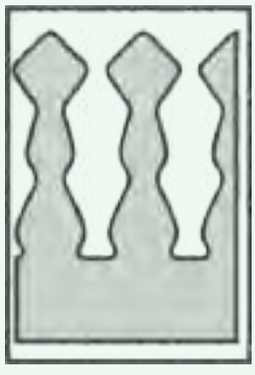
	Length	Height
21-632-01	90 mm	41 mm
21-632-02	120 mm	41 mm
21-632-03	150 mm	41 mm
21-632-04	240 mm	41 mm





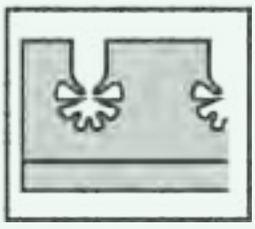
	Length	Height
21-633-01	87 mm	41 mm
21-633-02	119 mm	41 mm
21-633-03	150 mm	41 mm
21-633-04	238 mm	41 mm





	Length	Height
21-634-01	77 mm	41 mm
21-634-02	112 mm	41 mm
21-634-03	158 mm	41 mm
21-634-04	238 mm	41 mm

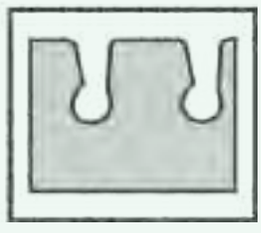




	Length	Height
21-635-00	178 mm	20 mm

Instruments holder from Ø 3 to 8 mm

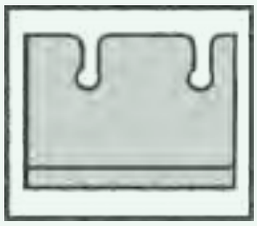




	Length	Height
21-636-00	73 mm	20 mm

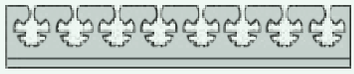
Instruments holder from Ø 5

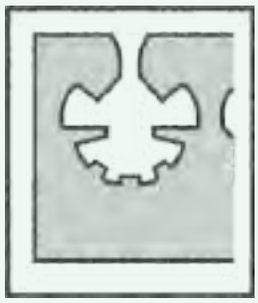




	Length	Height
21-637-00	73 mm	20 mm

Instruments holder from Ø 5



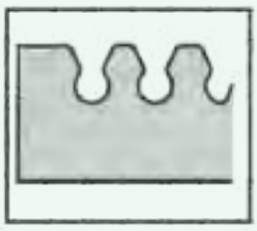


	Length	Height
21-638-00	178 mm	30 mm

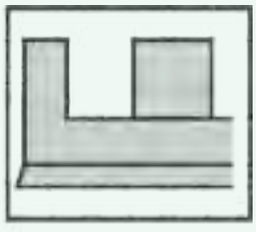
Instruments holder from Ø 3 to 8 mm

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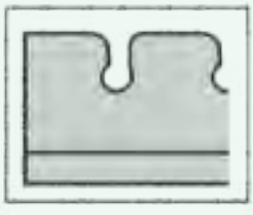
Silicone Fixation System

	Length	Height
21-639-00	121 mm	18 mm

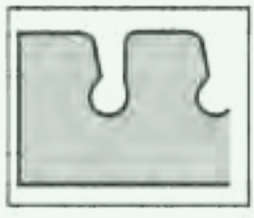



	Length	Height
21-640-00	123 mm	18 mm

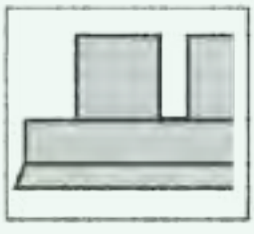
	Length	Height
21-641-00	178 mm	20 mm

Instruments holder from Ø 3 mm

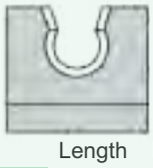
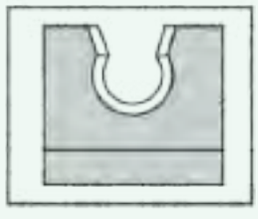



	Length	Height
21-642-00	123 mm	18 mm

Instruments holder from Ø 5 mm

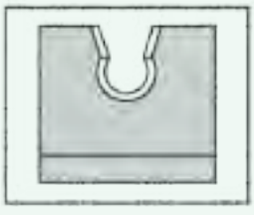



	Length	Height
21-643-00	123 mm	18 mm

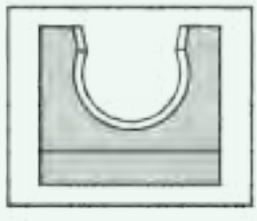
	Length	Height
21-644-00	23.5 mm	21 mm

Ø 8 mm

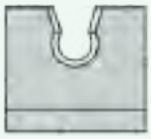
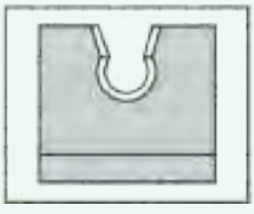
	Length	Height
21-645-00	23.5 mm	21 mm

Ø 5 mm

	Length	Height
21-646-00	23.5 mm	21 mm

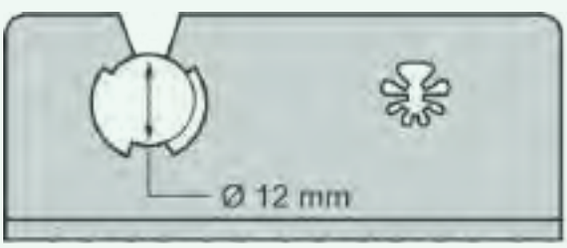
Ø 13 mm

	Length	Height
21-647-00	23.5 mm	21 mm

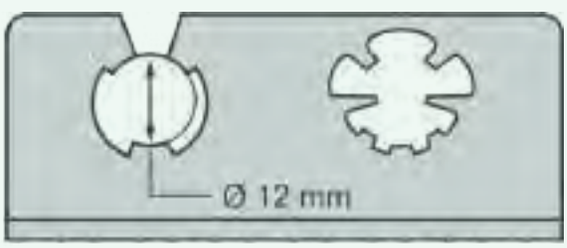
Ø 10.5 mm

Silicone Fixation System



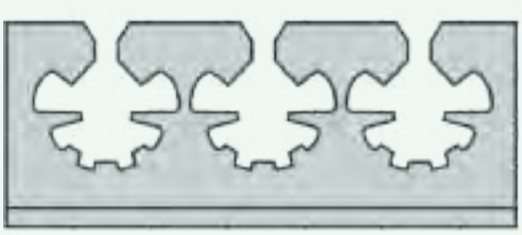
	Length	Height
21-648-00	73 mm	30 mm

Endoscope holder, double
one side Ø 15 mm open
one side from Ø 3 to Ø 15 mm



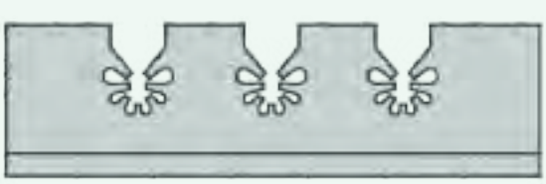
	Length	Height
21-649-00	72 mm	30 mm

Endoscope holder, double
one side Ø 15 mm open
one side from Ø 3 to Ø 15 mm



	Length	Height
21-650-00	72 mm	30 mm

Instruments holder
from Ø 3 to Ø 15 mm



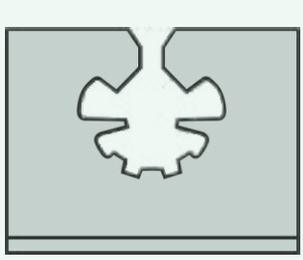
	Length	Height
21-651-00	72 mm	30 mm

Instruments holder
from Ø 3 to Ø 8 mm



	Length	Height
21-652-00	38 mm	20 mm

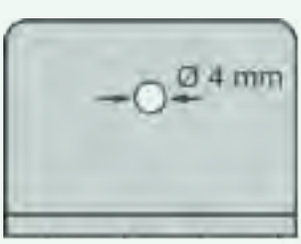
Endoscope holder, double
one side 12 mm open
one side from Ø 3 to Ø 8 mm



	Length	Height
21-638-00	72 mm	30 mm

Endoscope holder, double
one side 12 mm open
one side from Ø 3 to Ø 8 mm

Silicone Fixation System



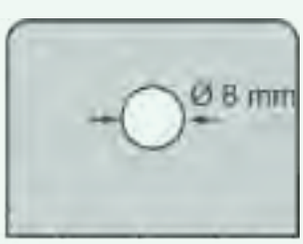
	Length	Height
21-654-00	54 mm	20 mm

Endoscope holder
Ø 4 mm closed



	Length	Height
21-655-00	38 mm	29 mm

Endoscope holder
Ø 6 mm closed



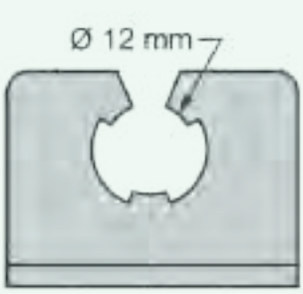
	Length	Height
21-656-00	38 mm	29 mm

Endoscope holder
Ø 8 mm closed



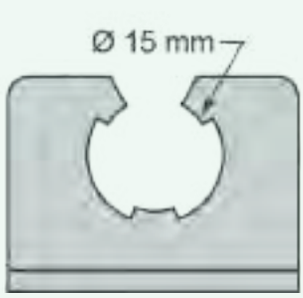
	Length	Height
21-657-00	38 mm	29 mm

Endoscope holder
Ø 12 mm closed



	Length	Height
21-658-00	38 mm	29 mm

Endoscope holder
Ø 12 mm open



	Length	Height
21-659-00	38 mm	29 mm

Endoscope holder
Ø 15 mm open