



EMPIRE SURGICAL LTD

# Plastic Surgery

INSTRUMENTS



*Plastic Surgery Main Catalog |*

*Plastische Chirurgie  
Cirugía plástica  
Chirurgie plastique  
Chirurgia plastica*





Verweis · Reference · Referencia  
Référence · Rimando



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



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



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



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



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



Sprenzweite · spreading width  
extensión · écartement  
apertura



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



De Bakey  
Zahnung · serration · dentado  
denture · dentatura



Cooley  
Zahnung · serration · dentado  
denture · dentatura



Edelstahl · stainless steel  
acero inoxidable · acier inoxydable  
acciaio inossidabile



martinit-Stahl · martinit steel  
acero martinit · acier martinit  
acciaio martinit



Titan · titanium · titanio  
titane · titanio



Aluminium · aluminum · aluminio  
aluminium · alluminio



Nylon · Nilón



Silikon · Silicone  
Silicona · Silicone · Silicene



Blei · Plumb · Plomo  
Plomb · Piombo



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

## TC GOLD

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

## STERILE R

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



diamond-coated

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



safety-wave

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



Counter Balance

Counter Balance



Atrauma

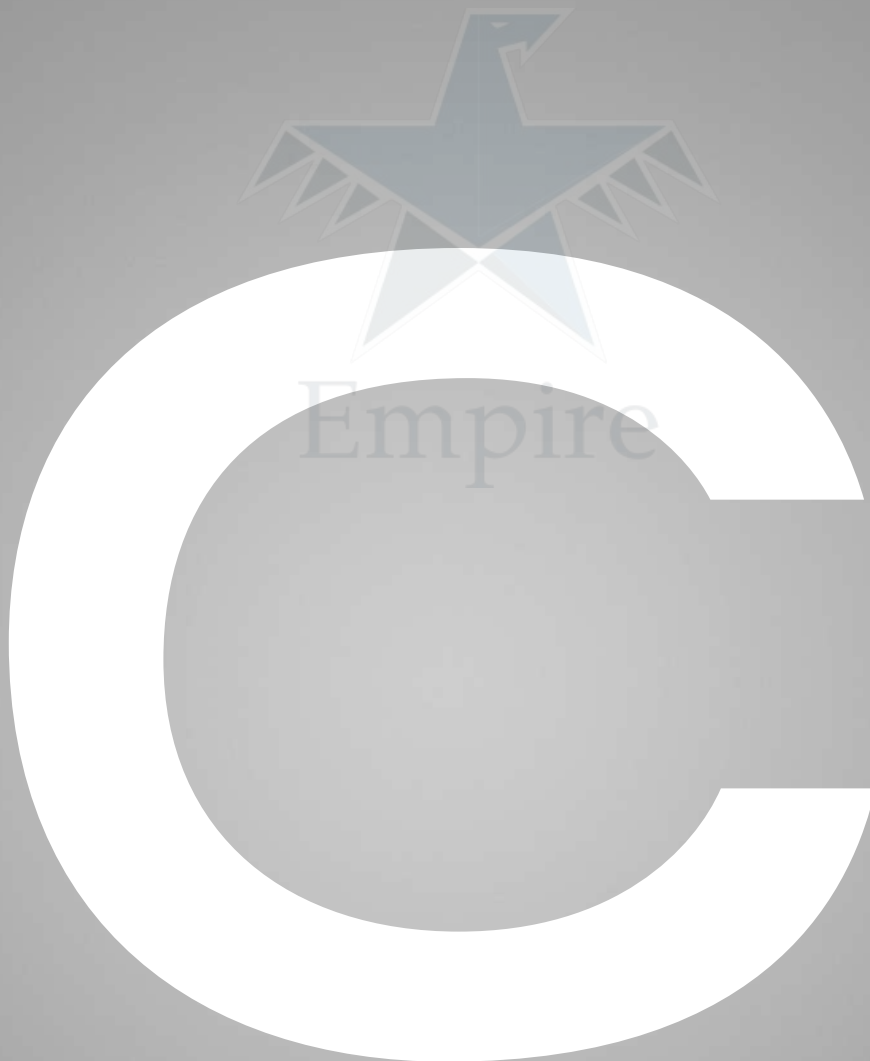
Atrauma-Zahnung  
Atraumatic serration  
Dentado atraumático  
Dentelure Atrauma  
Dentatura atraumatica


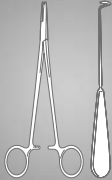

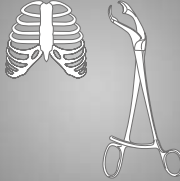




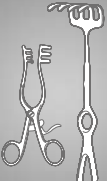

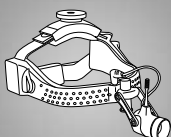
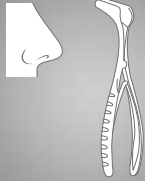




VD

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

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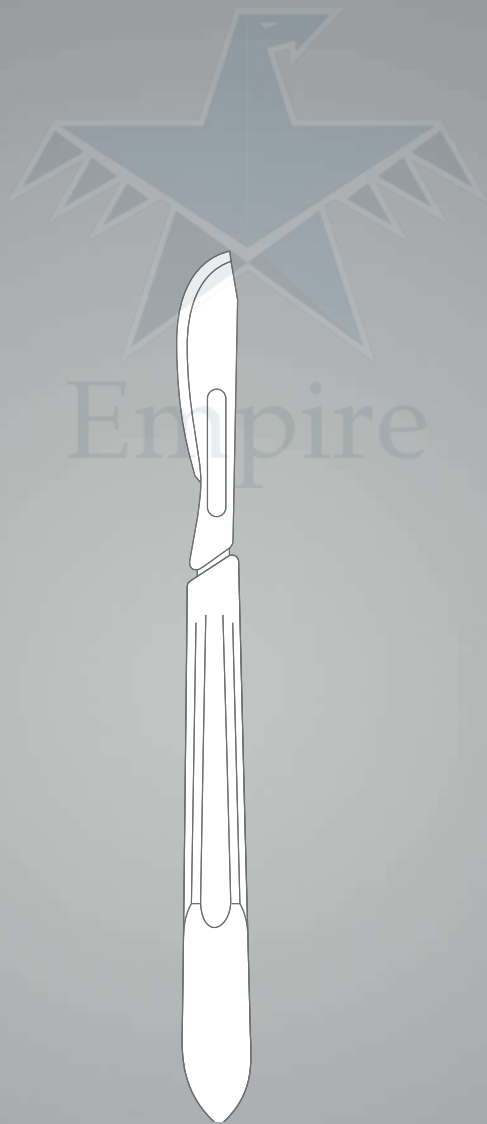
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# 10

Scalpels  
Bisturíes  
Bistouris  
Bisturi





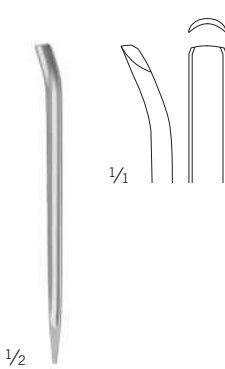
**Nagata**  
**10-040-01**  
 12 cm / 4 5/8"

Modeling knife handle, small  
 Mango tallador, pequeño  
 Manche pour modeleur, petit  
 Manico coltello modell., piccolo



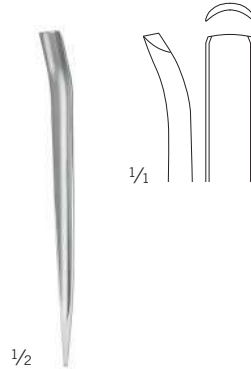
**Nagata**  
**10-040-02**  
 12 cm / 4 5/8"

Modeling knife handle, big  
 Mango tallador, grande  
 Manche pour modeleur, grand  
 Manico coltello modell., grande



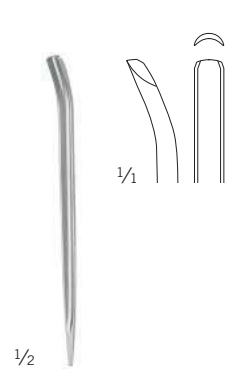
**Nagata**  
**10-040-04**  
**4,5 mm**

Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.



**Nagata**  
**10-040-05**  
**6,0 mm**

Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.



**Nagata**  
**10-040-03**  
**3,0 mm**

Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.



**10-041-01**  
 13.5 cm / 5 1/4"

Micro blade holder, Titanium  
 Porta cuchillas micro, titanio  
 Porte-lame micro, titane  
 Porta micro-lame, in titanio



**10-041-02**  
 Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.



**10-041-03**  
 Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.



**10-041-04**  
 Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.



**10-041-05**  
 Modeling knife blade  
 Cuchilla tallador  
 Lame de modeleur  
 Lama coltello modell.

## Scalpel Handles

Mangos de bisturí  
Manches pour bistouris  
Manici per bisturi

## Scalpels

Bisturíes  
Bistouris  
Bisturi

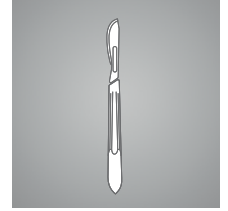


 Fig. 18 - 36

Nr. 4L



Nr. 4



 Fig. 10 - 17

Nr. 3



 Fig. 10 - 17

Nr. 3L

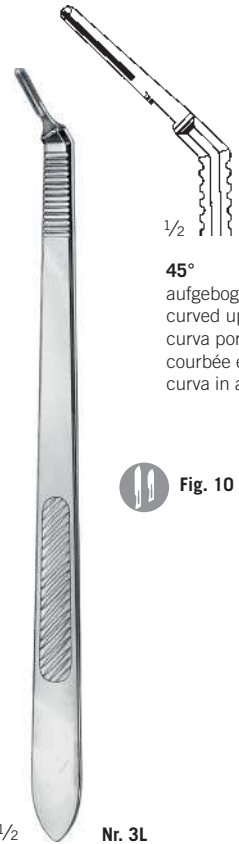


 Fig. 10 - 17

Nr. 3L

1/2

45°  
aufgebogen  
curved upwards  
curva por arriba  
courbée en haut  
curva in alto

10-104-41  
21 cm / 8 2/8"

solid  
macizo  
solide  
pieno

10-131-03  
12 cm / 4 6/8"

solid  
macizo  
solide  
pieno

10-130-03  
12 cm / 4 6/8"

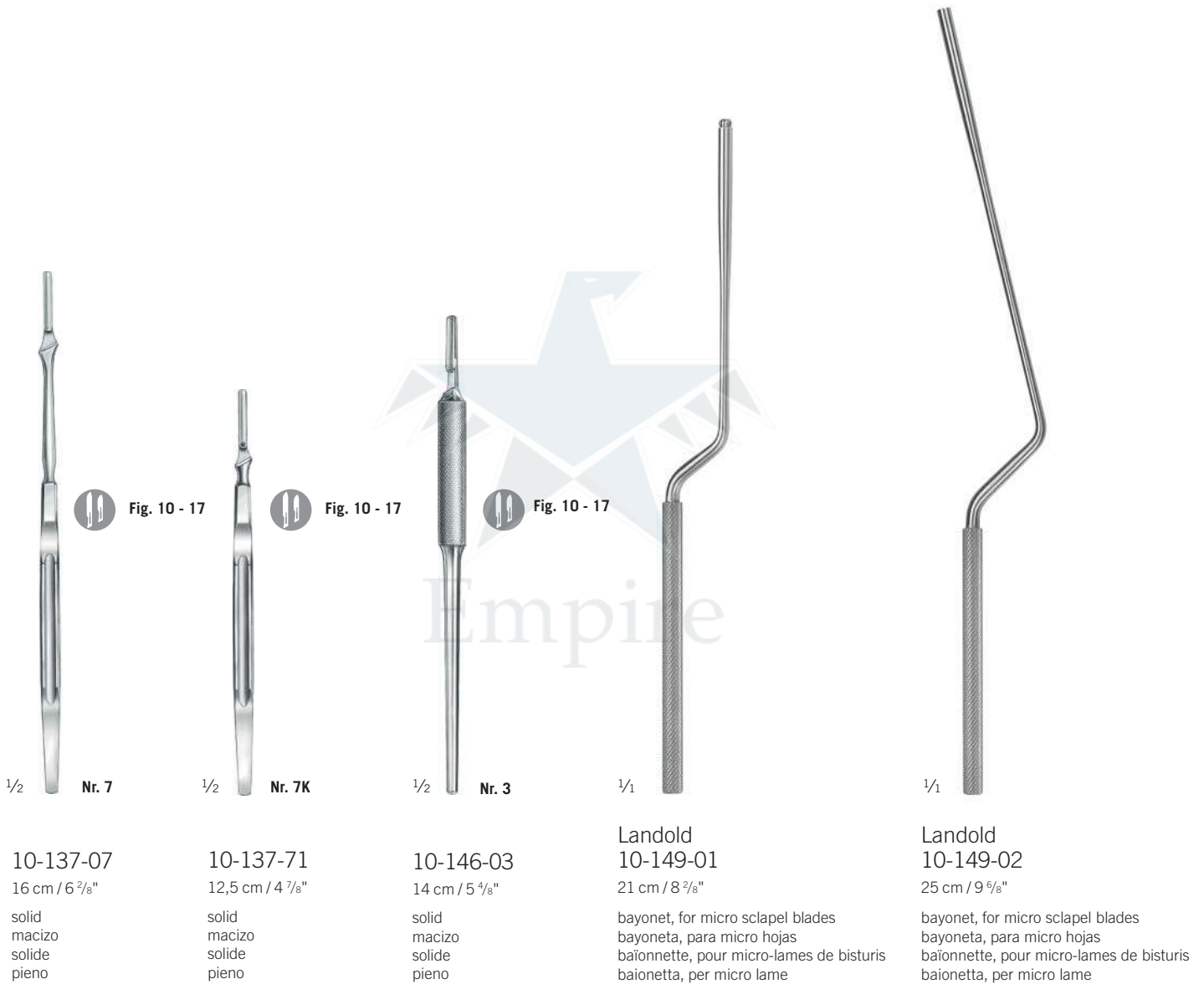
solid  
macizo  
solide  
pieno

10-133-31  
21,5 cm / 8 4/8"

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

10-133-35  
20,5 cm / 8 1/8"

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



1/2 **Nr. 7**

**10-137-07**  
 16 cm / 6 2/8"  
 solid  
 macizo  
 solide  
 pieno

1/2 **Nr. 7K**

**10-137-71**  
 12,5 cm / 4 7/8"  
 solid  
 macizo  
 solide  
 pieno

1/2 **Nr. 3**

**10-146-03**  
 14 cm / 5 4/8"  
 solid  
 macizo  
 solide  
 pieno

1/1

**Landold**  
**10-149-01**  
 21 cm / 8 2/8"

bayonet, for micro scalpel blades  
 bayoneta, para micro hojas  
 baïonnette, pour micro-lames de bisturis  
 baionetta, per micro lame

1/1

**Landold**  
**10-149-02**  
 25 cm / 9 5/8"

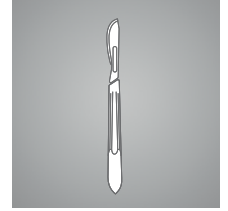
bayonet, for micro scalpel blades  
 bayoneta, para micro hojas  
 baïonnette, pour micro-lames de bisturis  
 baionetta, per micro lame

## Scalpel Handles

Mangos de bisturí  
Manches pour bistouris  
Manici per bisturi

## Scalpels

Bisturíes  
Bistouris  
Bisturi



1/1

10-149-05

21 cm / 8 2/8"

bayonet  
bayoneta  
baïonnette  
baionetta

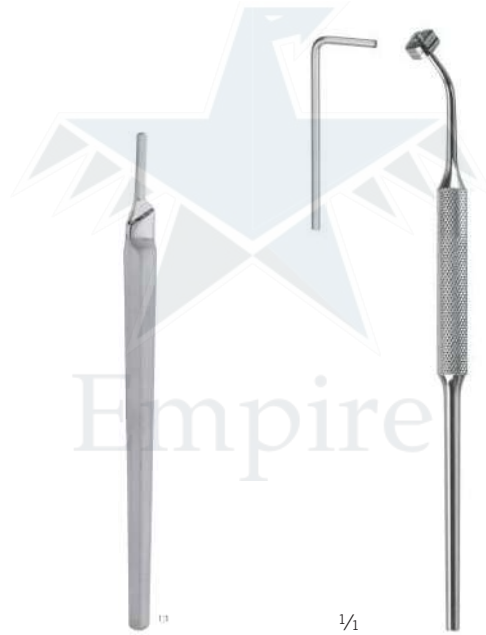


1/1

10-149-06

15,5 cm / 6 1/8"

Mini, round, for micro scalpel blades  
Mini, redondo, para micro hojas  
mini, rond, pour micro-lames de bisturis  
Mini, tondo, per micro lame



1/1

Barron

10-148-07

15,5 cm / 6 1/8"



1/1

Blake

10-149-07

15,5 cm / 6 1/8"

angled  
angulado  
angle  
angolato



1/1

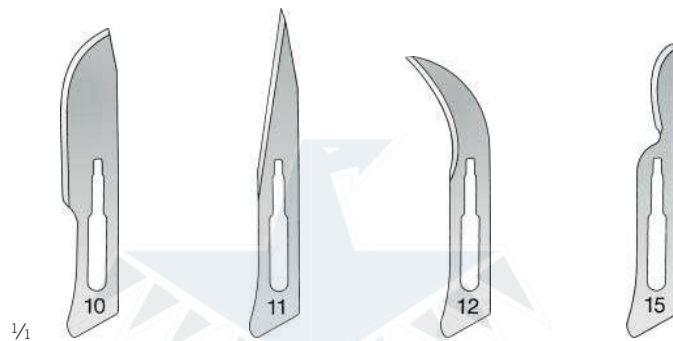
10-160-01

13,5 cm / 5 3/8"

for micro scalpel blades  
para micro hojas  
pour micro-lames de bisturis  
per micro lame

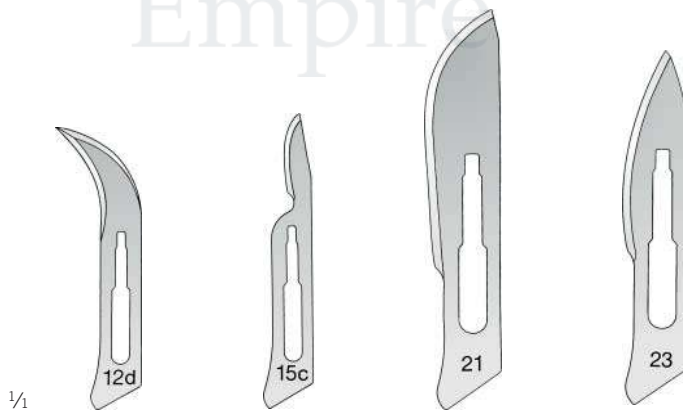
**STERILE R**

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



1/1

steril • sterile • estéril • stérile • sterile			
10-155-10	10-155-11	10-155-12	10-155-15
Fig. 10	Fig. 11	Fig. 12	Fig. 15



1/1

steril • sterile • estéril • stérile • sterile			
10-156-12	10-156-15	10-155-21	10-155-23
Fig. 12 D	Fig. 15 C	Fig. 21	Fig. 23

## Razor Knives

Navajas  
Rasoirs  
Rasoi

## Scalpels

Bisturíes  
Bistouris  
Bisturi



1/2

**Humby**  
10-878-00

32 cm / 12 5/8"

complete with blade  
completo con hoja  
complet avec lame  
completo con lama

**Humby**  
10-878-01

Spare Blade  
Hoja de repuesto  
Lame de rechange, seule  
Lama di ricambio sola

➔ 10-878-00



1/2

**Schink**  
10-880-00

30 cm / 11 5/8"

adjustable from 0.1 to 2.0 mm  
ajustable de 0,1 hasta 2,0 mm  
réglable en épaisseur de 0,1 à 2,0 mm  
regolabile da 1,0 a 2,0 mm

complete with 2 skin fixing plates and one blade  
completo con 2 placas para extender la piel y una hoja  
complet avec deux plaques pour tendre la peau et une lame  
completo con 2 placche per stendere la pelle ed una lama

**Schink**  
10-880-01

Spare Blade  
Hoja de repuesto  
Lame de rechange, seule  
Lama di ricambio sola

➔ 10-880-00



1/2

**Schink**  
10-880-02

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

➔ 10-880-00



1/2

**Silver**  
10-882-19

19,5 cm / 7 5/8"

Dermatome  
Dermatomo  
Dermatome  
Dermatomo a mano

**Silver**  
10-882-90

Spare Blades, package with 10 units  
Hojas de repuesto, paquete con 10 unidades  
Lames de rechange, boîte de 10 lames  
Lamette da ricambio, scatola di 10 lamette

➔ 10-882-19



Humby  
10-878-00

32 cm / 12 5/8"

complete with blade  
completo con hoja  
complet avec lame  
completo con lama



Humby  
10-878-01

Spare Blade  
Hoja de repuesto  
Lame de rechange, seule  
Lama di ricambio sola



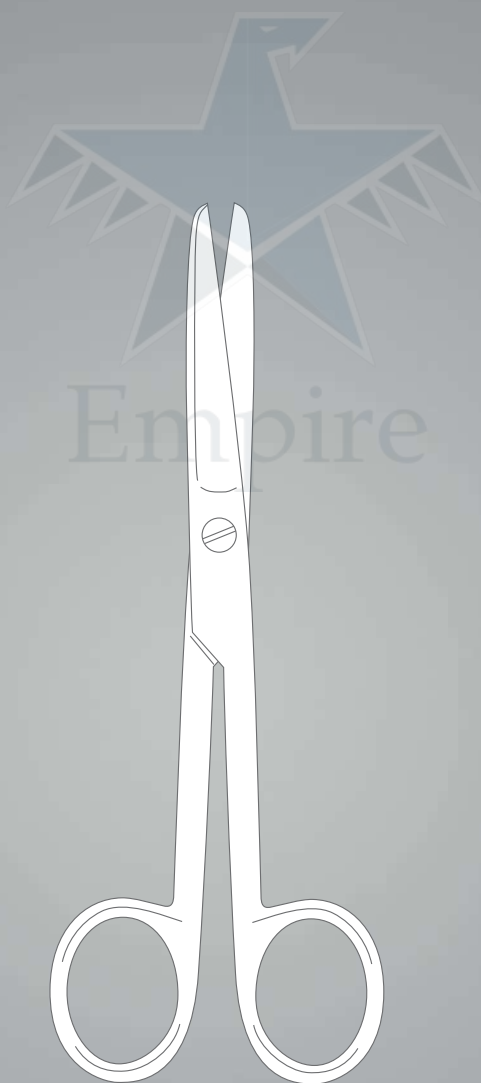
Tiersch  
10-878-03



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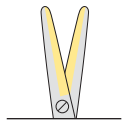
# 11

Scissors  
Tijeras  
Ciseaux  
Forbici



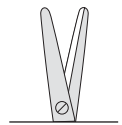
## Scissors

Tijeras  
Ciseaux  
Forbici



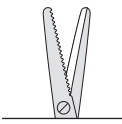
**TC GOLD**

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



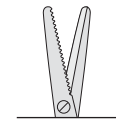
**highMed**

Scissor edge/knife edge  
Filo de tijeras/filo de cuchillo  
Affûtage ciseaux/Affûtage couteau  
Taglio forbici/taglio coltello



**SuperCut**

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



**ST**

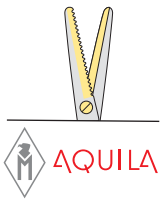
Serrated edge/scissor edge  
Filo ondulado/filo de tijeras  
Affûtage dentelé/affûtage ciseaux  
Taglio ondulado/taglio forbici

## Scissors

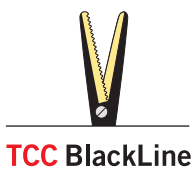
Tijeras  
Ciseaux  
Forbici



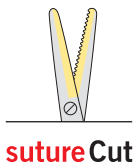
21



Tungsten carbide with knife edge/serrated edge  
Carburo de tungsteno con filo de cuchillo/filo ondulado  
Carbure de tungstène avec affûtage couteau/affûtage dentelé  
Carburo di tungsteno con taglio coltello/taglio ondulato



Tungsten carbide with knife edge/serrated edge, Solid Black coated  
Carburo de tungsteno con filo de cuchillo/filo ondulado, recubrimiento Solid Black  
Carbure de tungstène avec affûtage couteau/affûtage dentelé, revêtement Solid Black  
Carburo di tungsteno con taglio coltello/taglio ondulato, rivestito in Solid Black



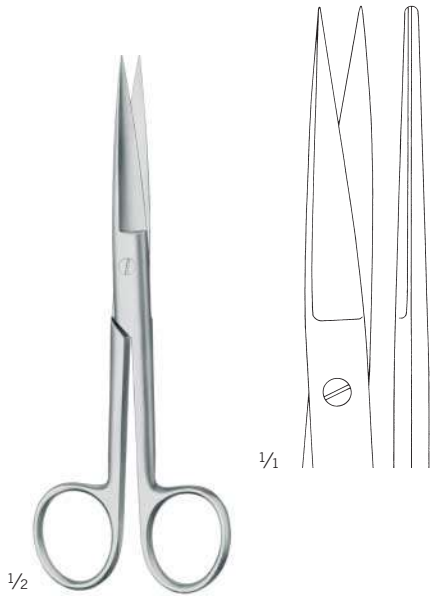
Suture material scissors  
Tijeras para material de sutura  
Ciseaux à suture  
Forbici per materiale di sutura

**finoLine**

Slim models  
Modelos estilizados  
Modèles minces  
Modelli sottili

**Operating Scissors**

Tijeras quirúrgicas  
Ciseaux chirurgicaux  
Forbici per chirurgia



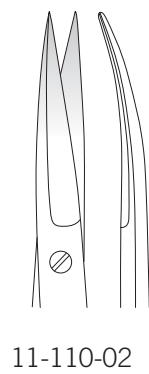
11-104-13  
13 cm / 5 1/8"



11-109-14  
14,5 cm / 5 7/8"



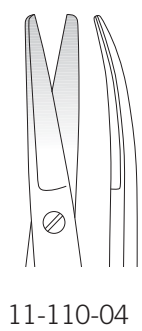
11-110-01



11-110-02



11-110-03



11-110-04

11-110-01 -  
11-110-02  
11 cm / 4 3/8"

Knapp  
11-110-03 -  
11-110-04  
12 cm / 4 6/8"

## Operating Scissors

Tijeras quirúrgicas  
Ciseaux chirurgicaux  
Forbici per chirurgia

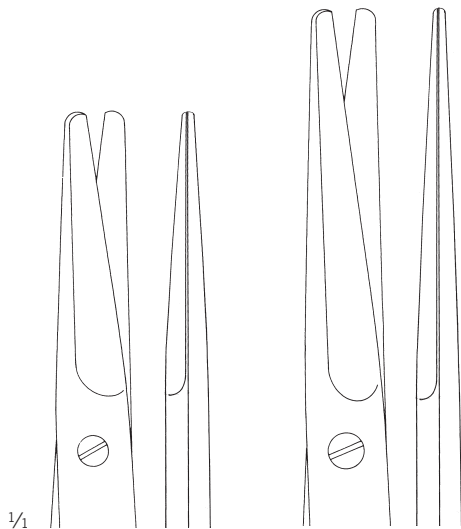
## Scissors

Tijeras  
Ciseaux  
Forbici



Mayo	Standard	TC GOLD	SuperCut	ST	AQUILA
14,5 cm / 5 7/8"	11-170-14	11-910-14	11-652-14	28-408-14	28-466-14
15 cm / 5 7/8"	11-170-15				
17 cm / 6 5/8"	11-170-17	11-910-17	11-652-17	28-408-17	28-466-17
23,5 cm / 9 1/2"	11-170-23	11-910-23	11-652-23		

Empire



14,5 cm / 5 7/8"

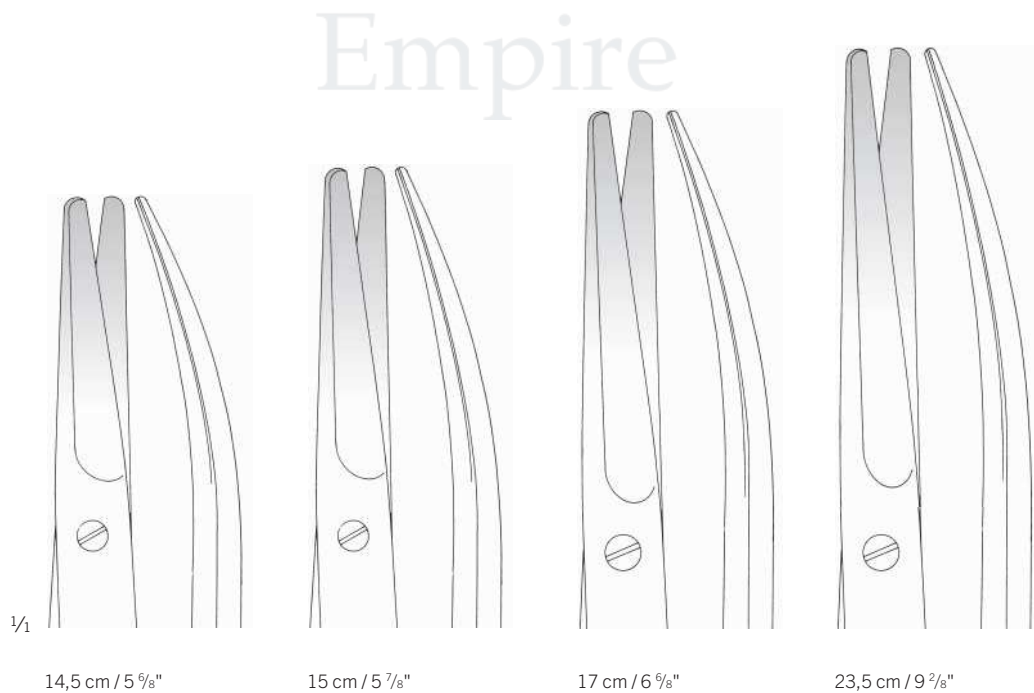
17 cm / 6 5/8"

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



Mayo	Standard	TC GOLD	SuperCut	ST	AQUILA
14,5 cm / 5 7/8"	11-171-14	11-911-14	11-653-14	28-409-14	28-467-14
15 cm / 5 7/8"	11-171-15				
17 cm / 6 5/8"	11-171-17	11-911-17	11-653-17	28-409-17	28-467-17
23,5 cm / 9 1/2"	11-171-23	11-911-23	11-653-23		



14,5 cm / 5 7/8"

15 cm / 5 7/8"

17 cm / 6 5/8"

23,5 cm / 9 1/2"

## Dissecting Scissors

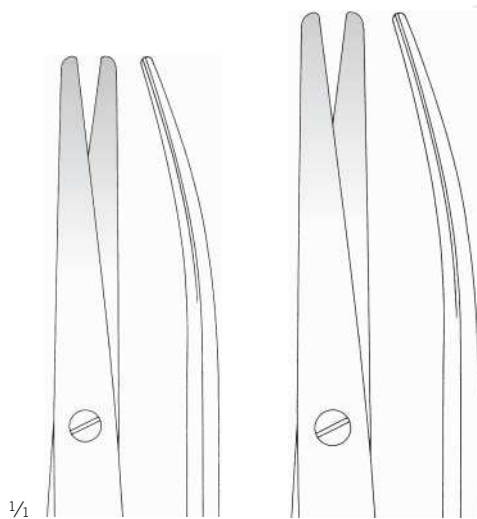
Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



Mayo-Style	Standard	TC GOLD	SuperCut	ST	AQUILA
15 cm / 5 7/8"	11-181-15	11-931-15	11-655-15	28-413-15	28-471-15
17 cm / 6 6/8"	11-181-17	11-931-17	11-655-17	28-413-17	28-471-17



15 cm / 5 7/8"

17 cm / 6 6/8"

## Operating Scissors

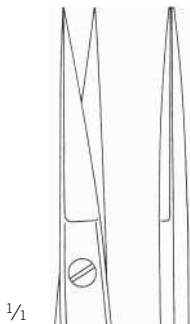
Tijeras quirúrgicas  
Ciseaux chirurgicaux  
Forbici per chirurgia



1/2

Kelly	Standard	TC GOLD	SuperCut	ST	AQUILA
16 cm / 6 2/8"	11-226-16	11-992-16	11-656-16	28-434-16	28-474-16

Empire



1/4



## Operating Scissors

Tijeras quirúrgicas  
Ciseaux chirurgicaux  
Forbici per chirurgia

## Scissors

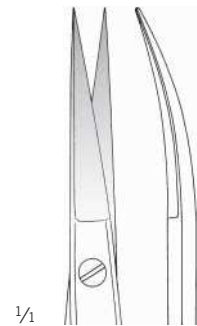
Tijeras  
Ciseaux  
Forbici



1/2

Kelly	Standard	TC GOLD	SuperCut	ST	AQUILA
16 cm / 6 2/8"	11-227-16	11-993-16	11-657-16	28-435-16	28-475-16

Empire



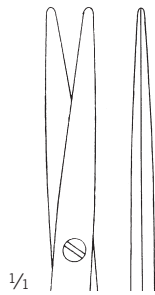
1/4

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



Metzenbaum	Standard	TC GOLD	SuperCut	ST
11,5 cm / 4 5/8"	11-248-11	11-936-11	11-658-11	28-424-11



## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



Metzenbaum	Standard	TC GOLD	SuperCut	ST
11,5 cm / 4 5/8"	11-249-11	11-937-11	11-659-11	28-425-11




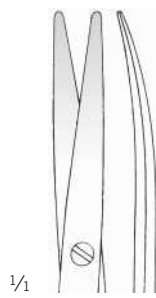
Empire

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



<b>Metzenbaum</b>	 <b>AQUILA</b>	<b>TCCBlackLine</b>
11,5 cm / 4 5/8"	11-887-11	11-917-11



Empire

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



Metzenbaum	Standard	TC GOLD	SuperCut	ST
14,5 cm / 5 7/8"	11-250-14	11-938-14	11-658-14	28-424-14



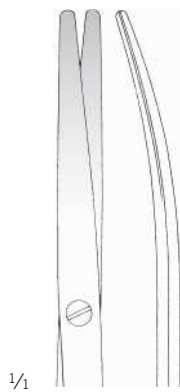
Empire

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



Metzenbaum	Standard	TC GOLD	SuperCut	ST
14,5 cm / 5 7/8"	11-255-14	11-939-14	11-659-14	28-425-14



1/1

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

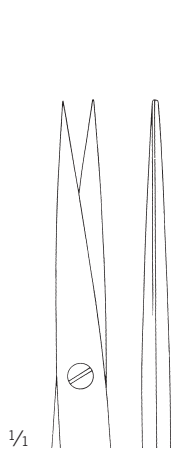
## Scissors

Tijeras  
Ciseaux  
Forbici



1/2

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



1/4

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



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

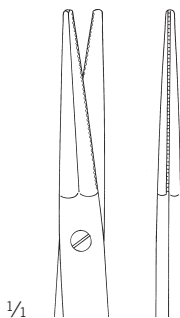


Empire



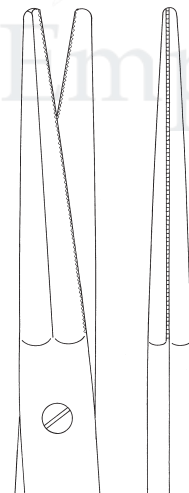
1/2

Gorney  
11-306-12 -  
11-308-17

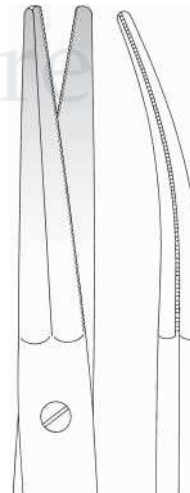


1/4

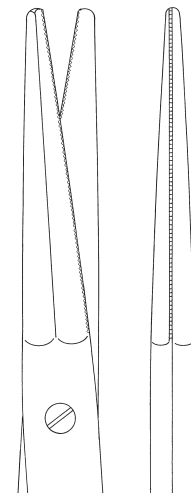
11-306-12  
12,5 cm / 4 7/8"



11-306-19  
19,5 cm / 7 5/8"



11-307-19  
19,5 cm / 7 5/8"



11-308-17  
17 cm / 6 5/8"

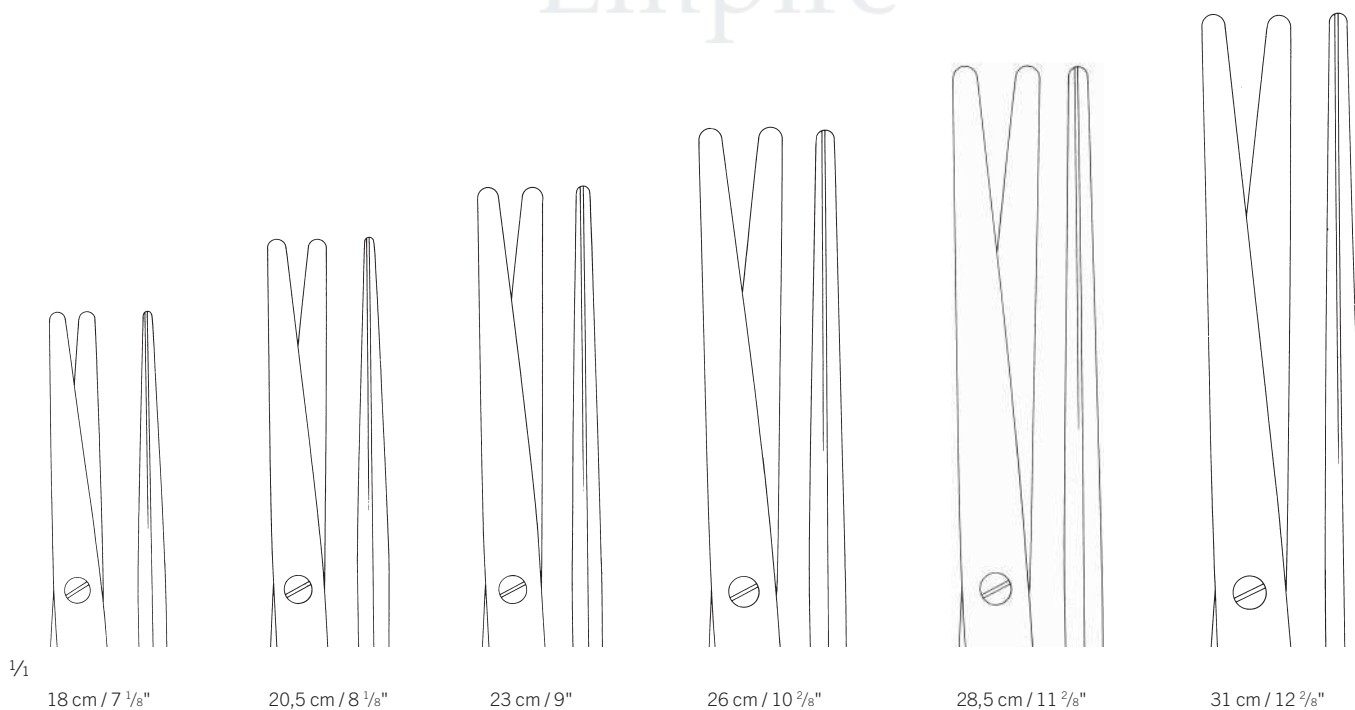
both cutting edges serrated  
ambos filos dentados  
deux lames dentées  
entrambe le lame dentate

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



Metzenbaum	Standard	TC GOLD	SuperCut	ST	AQUILA
18 cm / 7 1/8"	11-280-18	11-942-18	11-660-18	28-424-18	28-472-20
20,5 cm / 8 1/8"	11-280-20	11-942-20	11-660-20	28-424-20	28-472-23
23 cm / 9"	11-280-23	11-942-23	11-660-23	28-426-23	
26 cm / 10 2/8"	11-280-25	11-942-25	11-660-26	28-426-26	
28,5 cm / 11 2/8"	11-280-28	11-942-28	11-660-28		
31 cm / 12 2/8"	11-280-30	11-942-30	11-660-31	28-426-30	



1/4  
18 cm / 7 1/8"

20,5 cm / 8 1/8"

23 cm / 9"

26 cm / 10 2/8"

28,5 cm / 11 2/8"

31 cm / 12 2/8"



## Dissecting Scissors

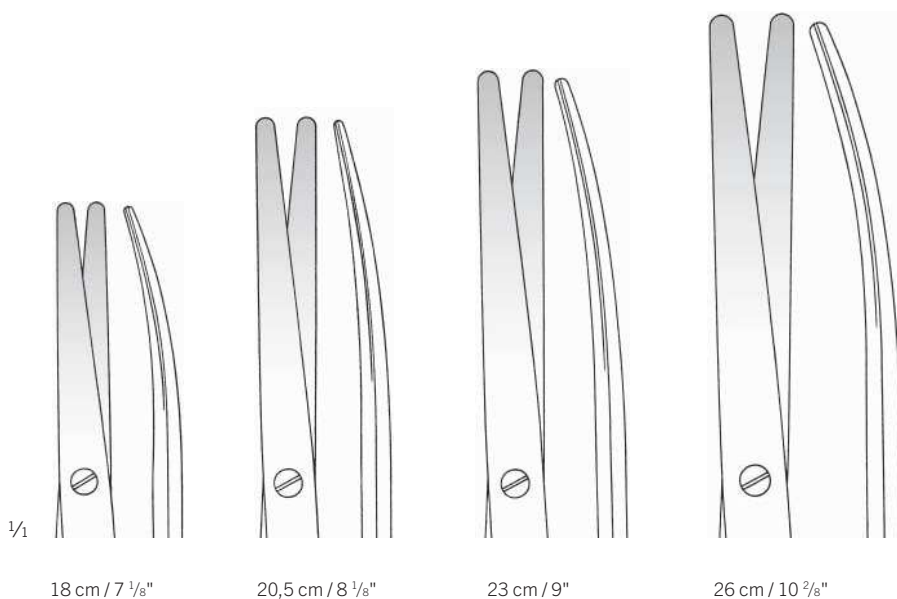
Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



Metzenbaum	Standard	TC GOLD	SuperCut	ST
18 cm / 7 1/8"	11-285-18	11-943-18	11-661-18	28-425-18
20,5 cm / 8 1/8"	11-285-20	11-943-20	11-661-20	28-425-20
23 cm / 9"	11-285-23	11-943-23	11-661-23	28-427-23
26 cm / 10 2/8"	11-285-25	11-943-25	11-661-26	28-427-26
28,5 cm / 11 2/8"	11-285-28	11-943-28	11-661-28	
31 cm / 12 2/8"	11-285-30	11-943-30	11-661-31	28-427-30



18 cm / 7 1/8"

20,5 cm / 8 1/8"


23 cm / 9"

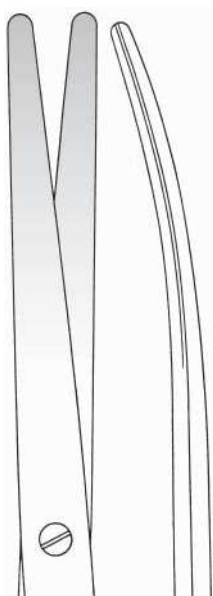
26 cm / 10 2/8"

## Dissecting Scissors

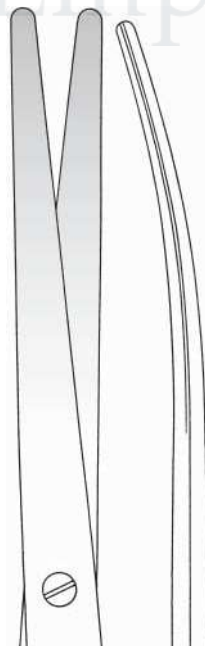
Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



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



28,5 cm / 11 3/8"



31 cm / 12 2/8"

## Dissecting Scissors

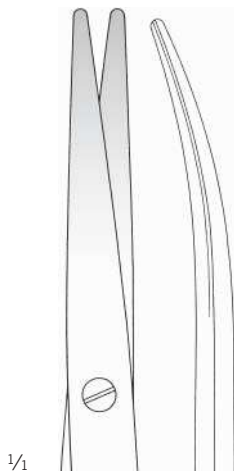
Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



Lexer	Standard	TC GOLD	SuperCut	ST	AQUILA
16 cm / 6 2/8"	11-311-16	11-951-16	11-663-16	28-411-16	28-469-16

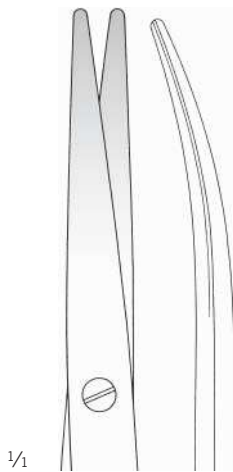


## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione



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



Empire

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



1/2

Lexer	Standard	TC GOLD	SuperCut	ST	AQUILA
16 cm / 6 2/8"	11-310-16	11-950-16	11-662-16	28-410-16	28-468-16

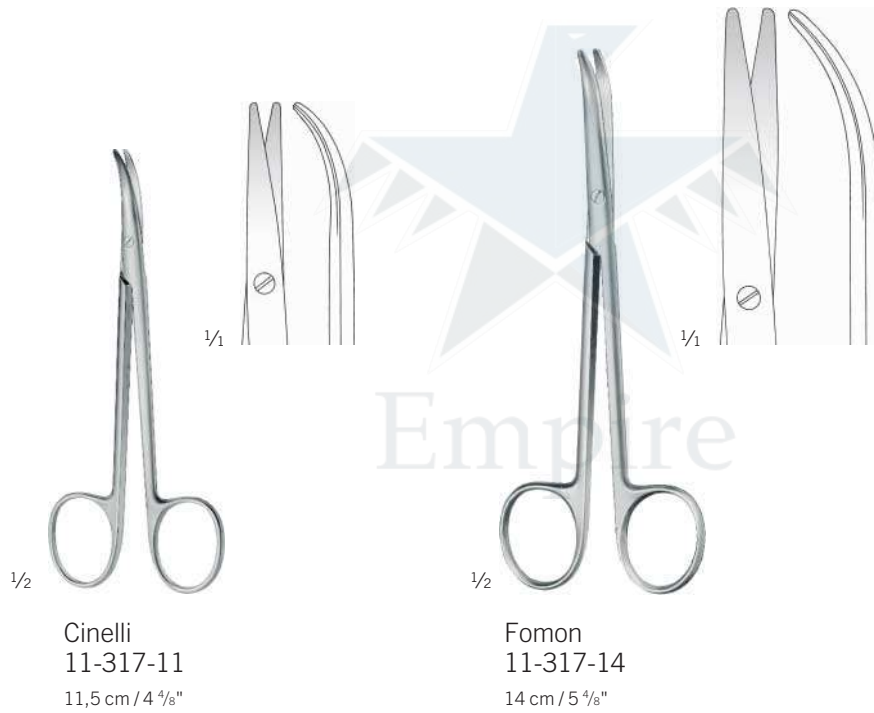
Empire



1/4

## Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

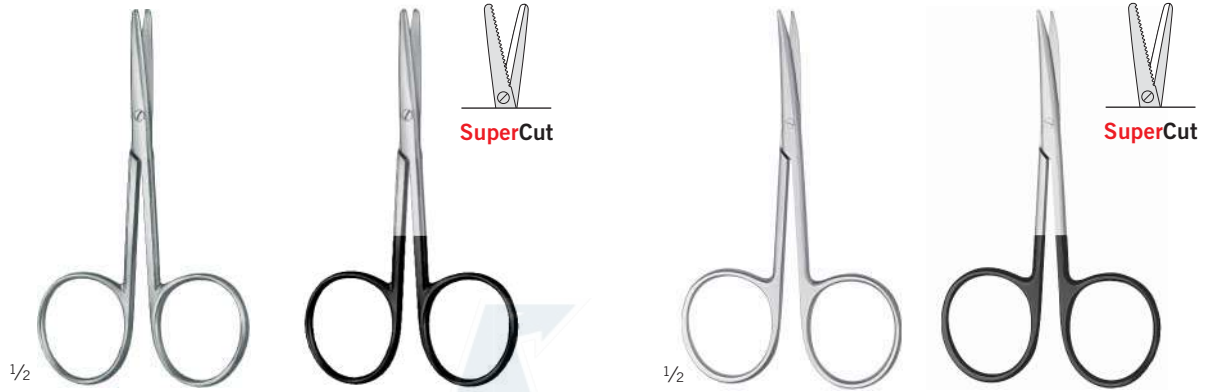


## Dissecting Scissors

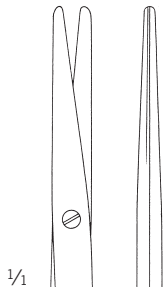
Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



<b>Lexer-Baby</b>	<b>Standard</b>	<b>SuperCut</b>	<b>Standard</b>	<b>SuperCut</b>
10 cm / 3 7/8"	11-320-10	11-662-10	11-321-10	11-663-10



Empire



## Delicate Dissecting Scissors

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

### finoLine



Metzenbaum-Fino	Standard	TC GOLD
14,5 cm / 5 7/8"	11-326-14	11-954-14



slender pattern  
modelo delgado  
modèle gracile  
modello delicato

Empire



## Delicate Dissecting Scissors

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

## Scissors

Tijeras  
Ciseaux  
Forbici



### finoLine



Metzenbaum-Fino	Standard	TC GOLD	SuperCut	AQUILA
14,5 cm / 5 7/8"	11-327-14	11-955-14	11-665-14	11-889-14



slender pattern  
modelo delgado  
modèle gracile  
modello delicato

## Delicate Dissecting Scissors

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

### finoLine



Metzenbaum-Fino	Standard	TC GOLD	ST
14,5 cm / 5 7/8"	11-328-14	11-956-14	28-422-14



## Delicate Dissecting Scissors

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

## Scissors

Tijeras  
Ciseaux  
Forbici



Metzenbaum-Fino	Standard	TC GOLD	ST
14,5 cm / 5 7/8"	11-329-14	11-957-14	28-423-14
18 cm / 7 1/8"	11-329-18		28-423-18
20 cm / 7 7/8"	11-329-20		



1/1

slender pattern  
modelo delgado  
modèle gracile  
modello delicato

Empire

## Delicate Dissecting Scissors

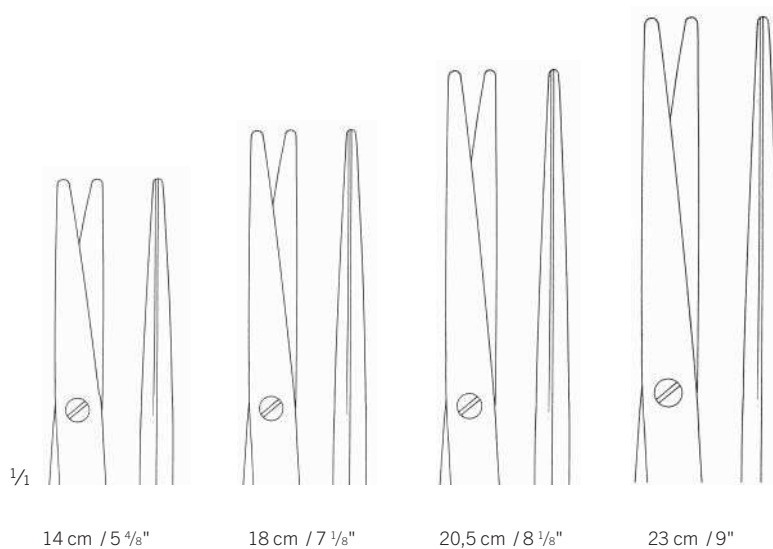
Tijeras finas de disección  
Ciseaux fins à dissection  
Forbici fini per dissezione

### finoLine



Metzenbaum	Standard	TC GOLD	ST
14 cm / 5 4/8"			28-428-14
18 cm / 7 1/8"	11-330-18	11-960-18	28-428-18
20,5 cm / 8 1/8"			28-428-20
23 cm / 9"			28-428-23

Empire



14 cm / 5 4/8"

18 cm / 7 1/8"

20,5 cm / 8 1/8"

23 cm / 9"

**Scissors**

Tijeras  
Ciseaux  
Forbici

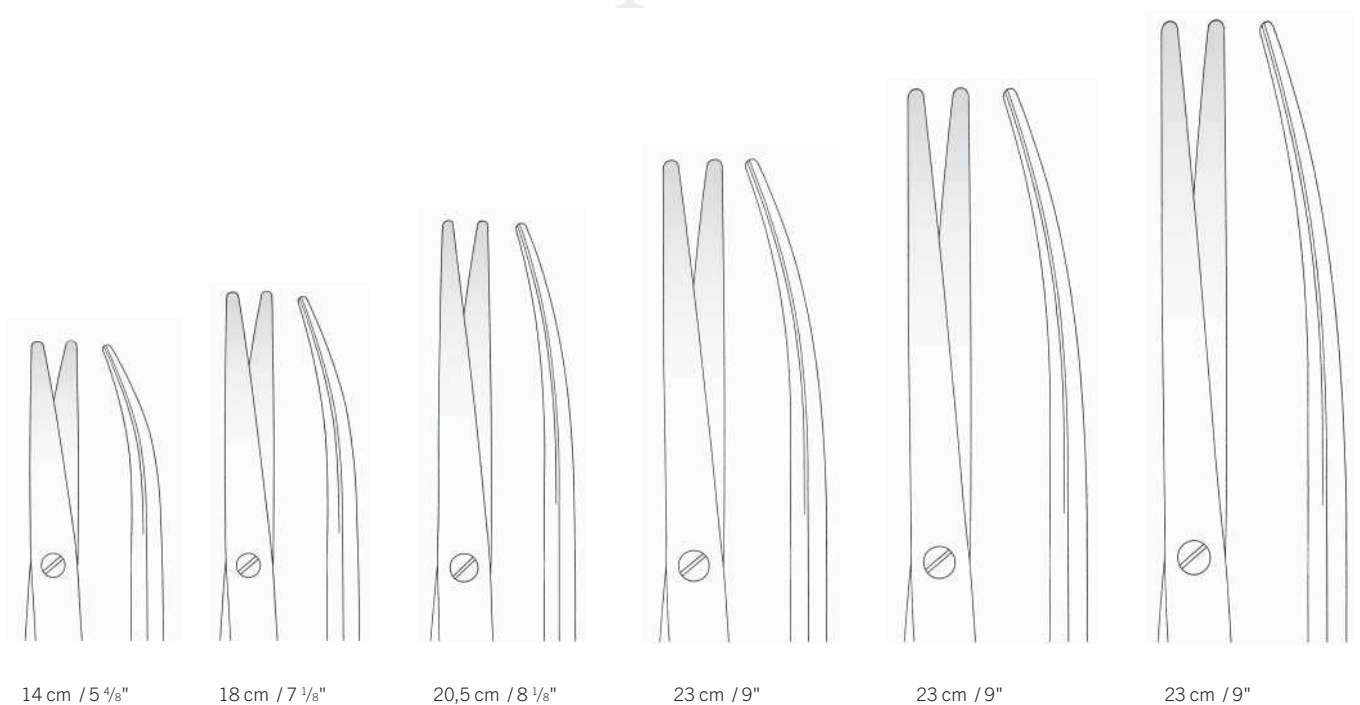


**finoLine**



Metzenbaum-Fino	Standard	TC GOLD	SuperCut	ST	AQUILA
14 cm / 5 1/8"				28-429-14	
18 cm / 7 1/8"	11-331-18	11-961-18	11-665-18	28-429-18	11-889-18
20,5 cm / 8 1/8"	11-331-20	11-961-20	11-665-20	28-429-20	
23 cm / 9"	11-331-23	11-961-23	11-665-23	28-429-23	
26 cm / 10 3/8"				28-429-26	
28 cm / 11"				28-429-28	

Empire



14 cm / 5 1/8"

18 cm / 7 1/8"

20,5 cm / 8 1/8"

23 cm / 9"

23 cm / 9"

23 cm / 9"

## Delicate Dissecting Scissors

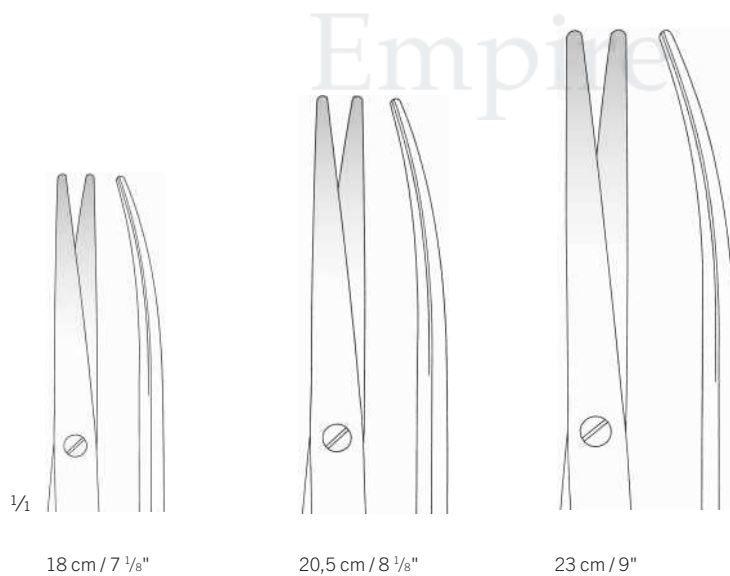
Tijeras finas de disección  
Ciseaux fins à dissection  
Forbici fini per dissezione

### finoLine



Metzenbaum-Fino	Standard	TC GOLD	ST	AQUILA
18 cm / 7 1/8"	11-335-18	11-967-18	28-431-18	28-473-18
20,5 cm / 8 1/8"	11-335-20	11-967-20	28-431-20	28-473-20
23 cm / 9"	11-335-23	11-967-23	28-431-23	28-473-23

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



## Delicate Dissecting Scissors

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

## Scissors

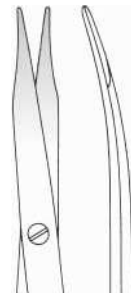
Tijeras  
Ciseaux  
Forbici



### finoLine



11-344-11



11-345-11

11-344-11 -  
11-345-11  
11 cm / 4 3/8"

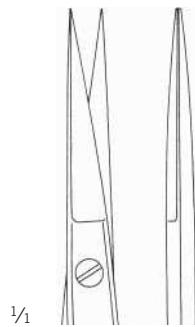


## Operating Scissors

Tijeras quirúrgicas  
Ciseaux chirurgicaux  
Forbici per chirurgia



Joseph	Standard	TC GOLD	SuperCut	ST
14,5 cm / 5 7/8"	11-350-14	11-948-14	11-666-14	
15 cm / 5 7/8"				28-432-15





## Operating Scissors

Tijeras quirúrgicas  
Ciseaux chirurgicaux  
Forbici per chirurgia

## Scissors

Tijeras  
Ciseaux  
Forbici



Joseph	Standard	TC GOLD	SuperCut	ST
14,5 cm / 5 7/8"	11-351-14	11-949-14	11-667-14	
15 cm / 5 7/8"				28-433-15



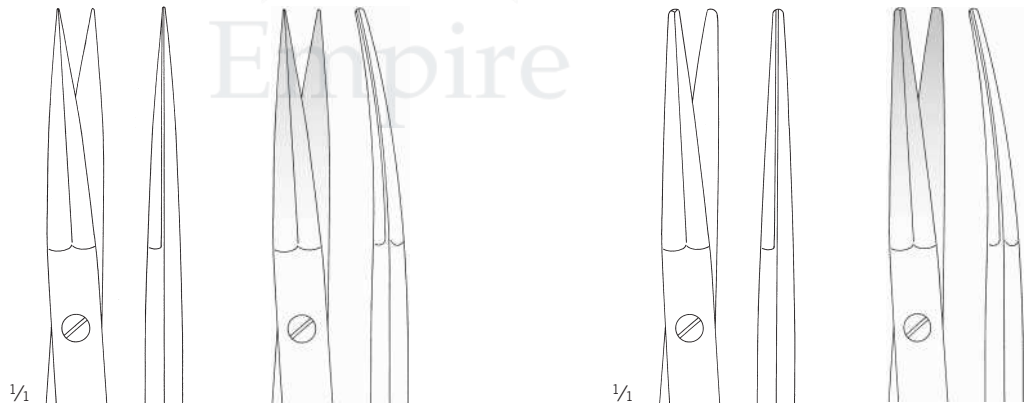
1/1

## Face-lift Scissors, Dissecting Scissors

Tijeras para Face-lift, Tijeras de disección  
 Ciseaux pour Face-lift, Ciseaux à dissection  
 Forbici per Face-lift, Forbici per dissezione



Peck-Joseph		Standard	ST		Standard	ST
14,5 cm / 5 7/8"	straight	11-352-14	28-418-14	straight	11-354-14	28-420-14
14,5 cm / 5 7/8"	curved	11-353-14	28-419-14	curved	11-355-14	28-421-14



## Face-lift Scissors, Dissecting Scissors

Tijeras para Face-lift, Tijeras de disección  
Ciseaux pour Face-lift, Ciseaux à dissection  
Forbici per Face-lift, Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



11-358-13

13 cm / 5 1/8"

Dissecting Scissors  
Tijera de disección  
Ciseaux à dissection  
Forbici per dissezione

Rees Bulldog

11-360-13

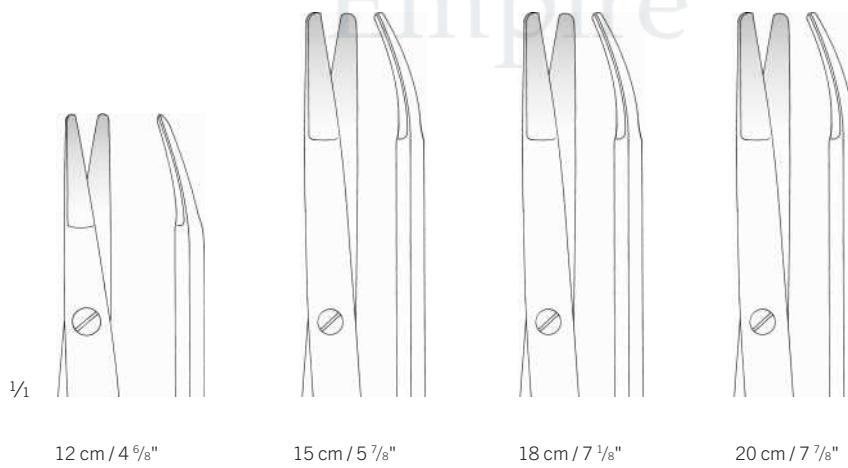
13,0 cm / 5"  
slightly curved

## Face-lift Scissors, Dissecting Scissors

Tijeras para Face-lift, Tijeras de disección  
 Ciseaux pour Face-lift, Ciseaux à dissection  
 Forbici per Face-lift, Forbici per dissezione



Kilner	Standard	SuperCut
12 cm / 4 5/8"	11-359-12	11-669-12
15 cm / 5 7/8"	11-359-15	11-669-15
18 cm / 7 1/8"	11-359-18	11-670-18
20 cm / 7 7/8"	11-359-20	



12 cm / 4 5/8"

15 cm / 5 7/8"

18 cm / 7 1/8"

20 cm / 7 7/8"

## Dissecting Scissors, Vascular scissors

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

## Scissors

Tijeras  
Ciseaux  
Forbici



Reynolds	Standard
14 cm / 5 <sup>5</sup> / <sub>8</sub> "	11-364-14
15,5 cm / 6 <sup>1</sup> / <sub>8</sub> "	11-364-15
18 cm / 7 <sup>1</sup> / <sub>8</sub> "	11-364-18



## Dissecting Scissors, Vascular Scissor

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



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



Empire

## Short Micro Scissors

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

## Scissors

Tijeras  
Ciseaux  
Forbici



1/2

11-370-01 -  
11-371-04  
12 cm / 4 5/8"



 safety-wave		<b>A</b> sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	<b>A</b> sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	sharp/blunt agudo/romo pointu/mousse appuntato/smusso	<b>D</b> blunt/blunt romo/romo mousse/mousse smusso/smusso	with button con botón avec bouton con bottone
		7 mm	7 mm	7 mm	7 mm	7 mm
<b>12 cm / 4 5/8"</b>		11-370-01	11-371-01	11-371-02	11-371-03	11-371-04



Empire



1/2

11-370-02 -  
11-371-08  
12 cm / 4 5/8"



 safety-wave		<b>A</b> sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	<b>A</b> sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	sharp/blunt agudo/romo pointu/mousse appuntato/smusso	<b>D</b> blunt/blunt romo/romo mousse/mousse smusso/smusso	with button con botón avec bouton con bottone
		7 mm	7 mm	7 mm	7 mm	7 mm
<b>12 cm / 4 5/8"</b>		11-370-02	11-371-05	11-371-06	11-371-07	11-371-08

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

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

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

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

## Dissecting Scissors, Tonsil Scissors

Tijeras de disección, Tijeras para amígdalas  
 Ciseaux à dissection, Ciseaux pour les amygdales  
 Forbici per dissezione, Forbici per tonsille



Toennis-Adson  
 11-459-17  
 17,5 cm / 6 7/8"



25°  
 Dean  
 11-495-17  
 17,5 cm / 6 7/8"



Locklin  
 11-497-16  
 straight, saw edge  
 16.5 cm / 6 1/2"



Locklin  
 11-498-16  
 curved, saw edge  
 16.5 cm / 6 1/2"



Neumann  
 11-499-12  
 S curved  
 12.5 cm / 4 3/4"



**Nasal Scissors**

Tijeras nasales  
Ciseaux nasaux  
Forbici nasali

**Scissors**

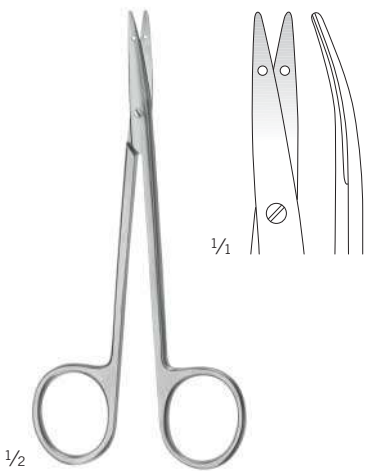
Tijeras  
Ciseaux  
Forbici



40°  
Cottle  
11-505-16  
16 cm / 6 2/8"



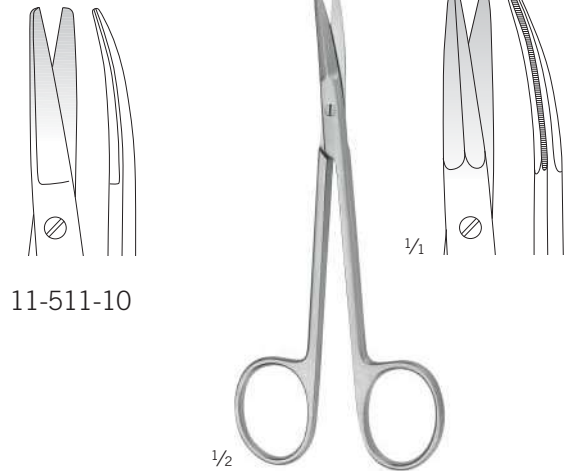
40°  
Fomon  
11-507-15  
14 cm / 5 4/8"



Littler  
11-508-12  
12 cm / 4 6/8"  
Stitch scissors  
Tijeras para hilos  
Ciseaux à ligatures  
Forbici per legature



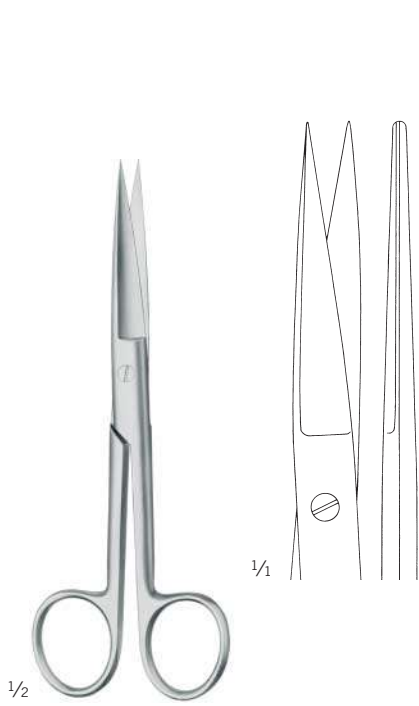
Cottle  
11-509-10 -  
11-511-10  
10 cm / 5 1/8"



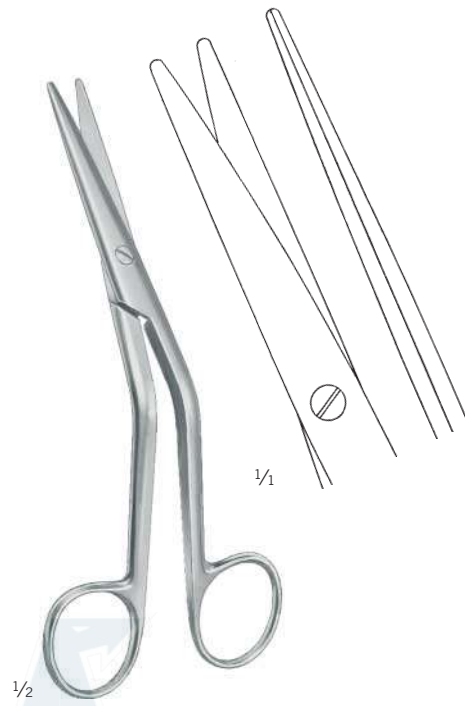
Fomon  
11-509-13  
13 cm / 5 1/8"

**Nasal Scissors**

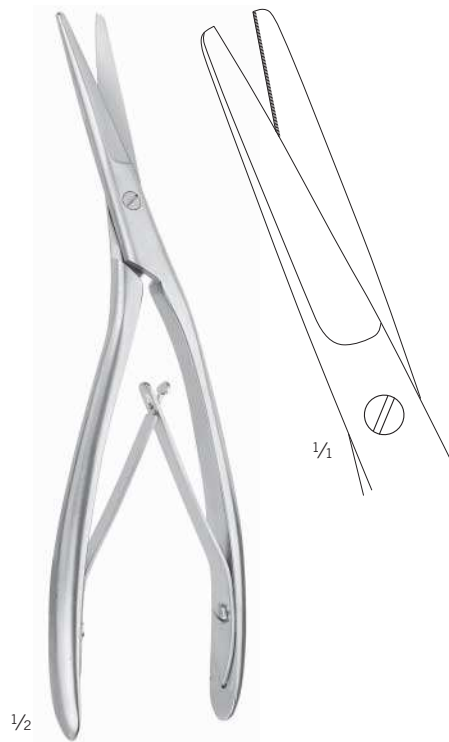
Tijeras nasales  
Ciseaux nasaux  
Forbici nasali



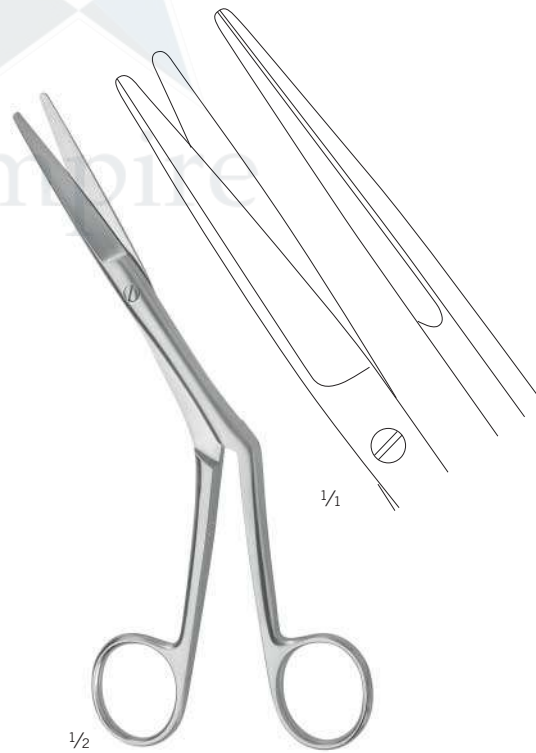
Convers  
11-509-14  
13,5 cm / 5 3/8"



40°  
Cottle  
11-509-16  
15,5 cm / 6 1/8"



Cottle  
11-509-18  
18 cm / 7 1/8"



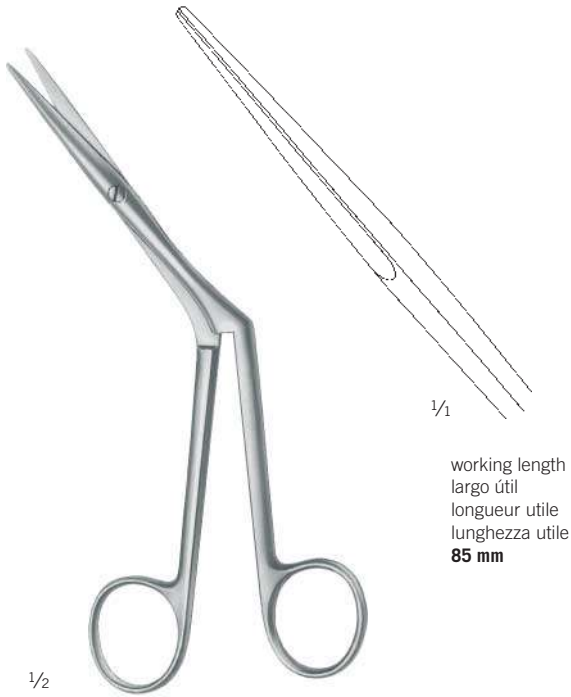
Heymann  
11-510-20  
20 cm / 7 7/8"

## Nasal Scissors

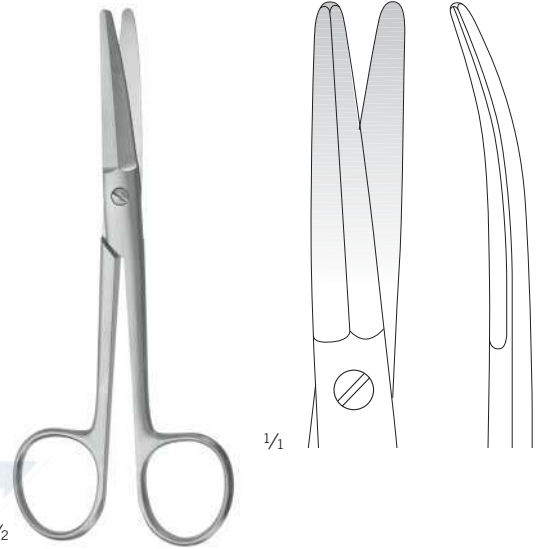
Tijeras nasales  
Ciseaux nasaux  
Forbici nasali

## Scissors

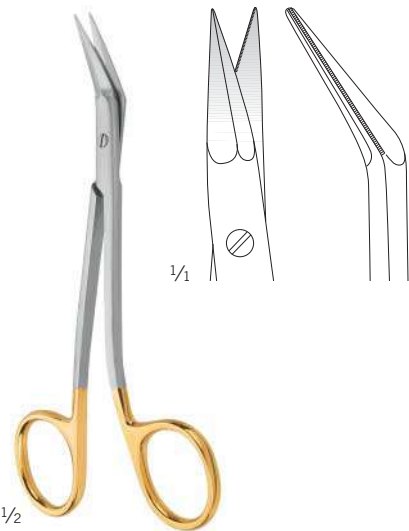
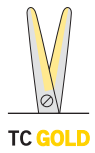
Tijeras  
Ciseaux  
Forbici



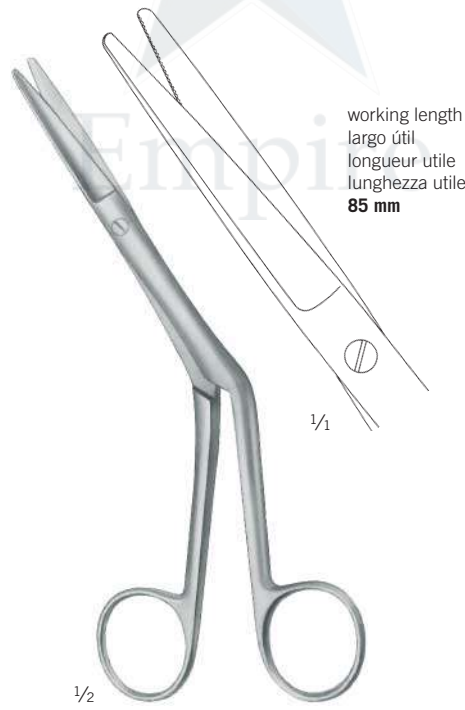
40°  
Heymann  
11-511-18  
18 cm / 7 1/8"



Aufricht  
11-513-14  
14 cm / 7 4/8"

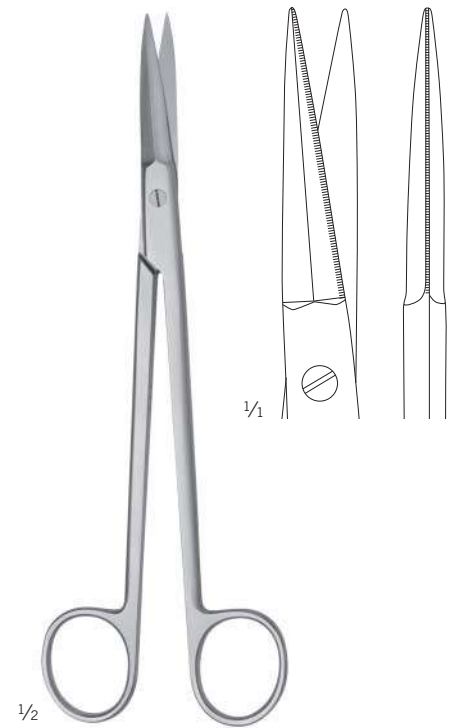


Giunta  
11-513-13  
13,5 cm / 5 3/8"



40°  
Heymann  
11-513-18  
18 cm / 7 1/8"

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



McIndoe  
11-514-19  
19 cm / 7 4/8"

## Operating scissors, Gum scissors

Tijeras quirúrgicas, Tijeras para encías  
 Ciseaux chirurgicaux, Ciseaux à gencives  
 Forbici per chirurgia, Forbici per gengiva

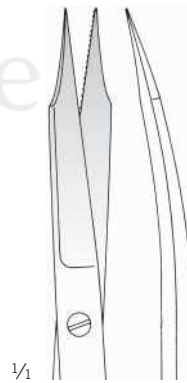


Goldman-Fox	Standard	TC GOLD	Standard	TC GOLD
13 cm / 5 1/8"	11-566-13	11-980-13	11-567-13	11-981-13



1/1

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



1/1

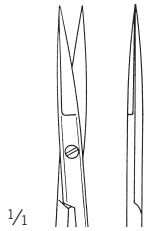
one toothed cutting edge  
 una hoja dentada  
 une lame dentelée  
 una lama dentata

## Iris Scissors

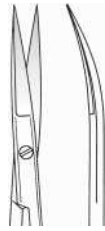
Tijeras para iridectomía  
Ciseaux à iridectomie  
Forbici per iridectomia

## Scissors

Tijeras  
Ciseaux  
Forbici



11-618-08



11-619-08



11-640-12



11-641-12

11-618-08 -  
11-619-08  
9 cm / 3 4/8"  
very delicate  
muy fino  
très fin  
strafino

11-640-12 -  
11-641-12  
12,5 cm / 4 7/8"

Empire



11-620-09  
9 cm / 3 4/8"



11-620-10  
10,5 cm / 4 1/8"



11-621-09  
9 cm / 3 4/8"



11-621-10  
10,5 cm / 4 1/8"

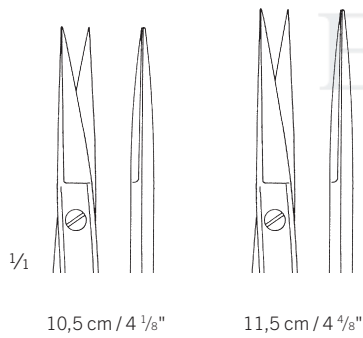
11-620-09 -  
11-621-10

### Iris Scissors

Tijeras para iridectomía  
Ciseaux à iridectomie  
Forbici per iridectomia



	Standard	TC GOLD	SuperCut	AQUILA
10,5 cm / 4 1/8"			11-672-10	
11,5 cm / 4 7/8"	11-630-11	11-982-11	11-672-11	28-464-11
11,5 cm / 4 7/8"			11-672-12	



Empire

## Iris Scissors

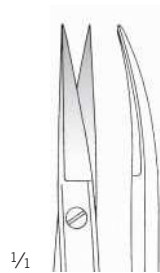
Tijeras para iridectomía  
Ciseaux à iridectomie  
Forbici per iridectomia

## Scissors

Tijeras  
Ciseaux  
Forbici

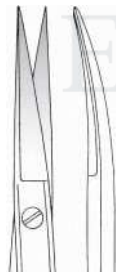


	Standard	TC GOLD	SuperCut	AQUILA
10,5 cm / 4 1/8"			11-673-10	
11,5 cm / 4 5/8"	11-631-11	11-983-11	11-673-11	28-465-11



1/1

10,5 cm / 4 1/8"



11,5 cm / 4 5/8"



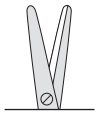
Ribbon Stevens

11-645-09

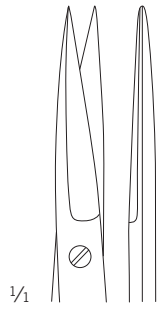
9.5 cm / 3 3/4"

**Iris Scissors**

Tijeras para iridectomía  
Ciseaux à iridectomie  
Forbici per iridectomia



**SuperCut**



11-642-11



11-643-11

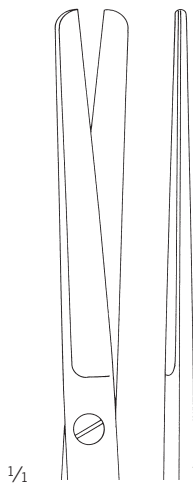
11-642-11 -  
11-643-11

11 cm / 4 3/8"

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



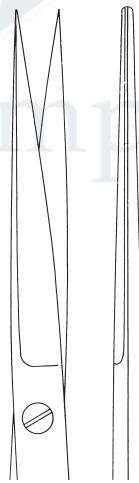
Empire



**Standard**

11-120-13

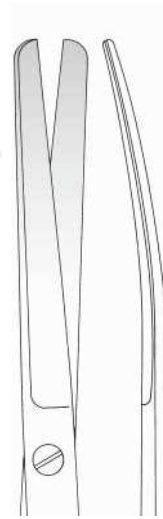
blunt/blunt  
romo/romo  
mousse/mousse  
smusso/smusso



**SuperCut**

11-644-13

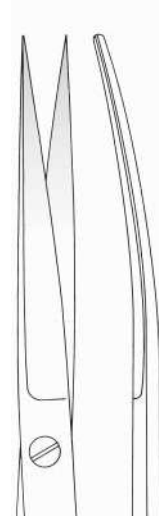
sharp/sharp  
agudo/agudo  
pointu/pointu  
appuntato/appuntato



**Standard**

11-125-13

blunt/blunt  
romo/romo  
mousse/mousse  
smusso/smusso



**SuperCut**

11-645-13

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

Jabaley  
11-120-13 -  
11-645-13

13 cm / 5 1/8"

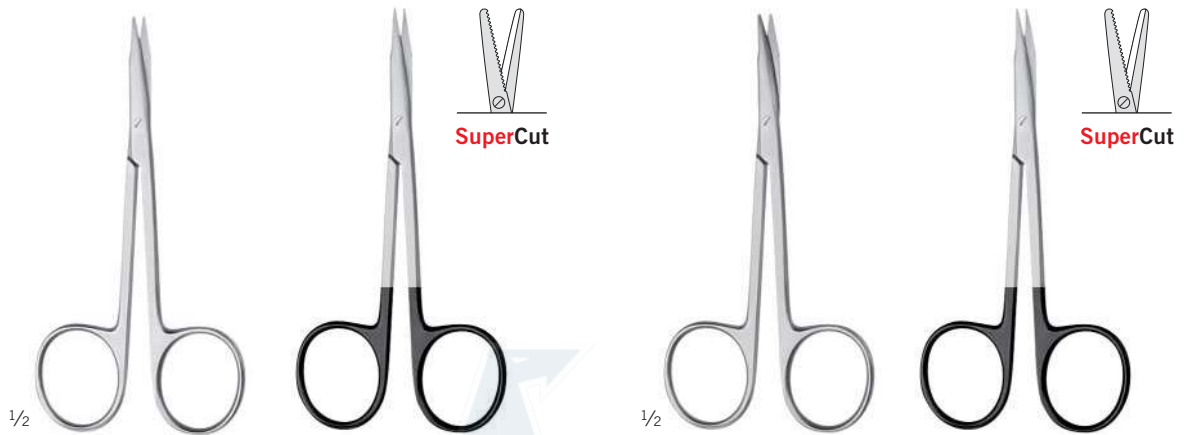


## Iris Scissors

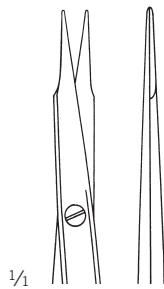
Tijeras para iridectomía  
Ciseaux à iridectomie  
Forbici per iridectomia

## Scissors

Tijeras  
Ciseaux  
Forbici



Stevens	Standard	SuperCut	Standard	SuperCut
10 cm / 3 7/8"	11-678-10		11-679-10	
11 cm / 4 3/8"	11-682-11	11-676-10	11-683-11	11-677-10



blunt/blunt  
romo/romo  
mousse/mousse  
smusso/smusso

Empire



blunt/blunt  
romo/romo  
mousse/mousse  
smusso/smusso

### Strabismus Scissors

Tijeras para estrabismo  
Ciseaux à strabisme  
Forbici per strabismo



11-690-11 -  
11-691-11  
11,5 cm / 4 4/8"

## Micro Scissors

Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici

## Scissors

Tijeras  
Ciseaux  
Forbici

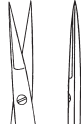


1/2

11-700-00 -  
11-701-05



1/1



		A	D	A-SB	D-SB
15 cm / 5 7/8"		9 mm	9 mm	9 mm	9 mm
		11-700-00	11-701-00	11-700-01	11-701-01



1/1



		A	D	A-SB	D-SB
15 cm / 5 7/8"		14 mm	14 mm	14 mm	14 mm
		11-700-04	11-701-04	11-700-05	11-701-05



1/2

11-700-02 -  
11-701-07



1/1



		A	D	A-SB	D-SB
15 cm / 5 7/8"		9 mm	9 mm	9 mm	9 mm
		11-700-02	11-701-02	11-700-03	11-701-03



1/1



		A	D	A-SB	D-SB
15 cm / 5 7/8"		14 mm	14 mm	14 mm	14 mm
		11-700-06	11-701-06	11-700-07	11-701-07

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

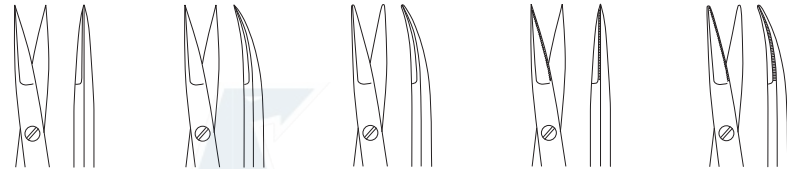
A = Adventicia  
D = Disección  
A-SB = Adventicia, una hoja dentada  
D-SB = Disección, una hoja dentada

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

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



1/1



		A	A	D	A-SB	D-SB
15 cm / 5 7/8"		10 mm	10 mm	10 mm	10 mm	10 mm
		11-710-15	11-711-15			
		11-716-15	11-717-15			
18 cm / 7 1/8"		11-710-18	11-711-18	11-711-19	11-710-19	11-711-20
		11-716-18	11-717-18			
21 cm / 8 2/8"		11-710-21	11-711-21			
		11-716-21	11-717-21			
23 cm / 9"		11-710-23	11-711-23			

1/2

11-710-15 -  
11-717-18

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

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

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

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

## Micro Scissors

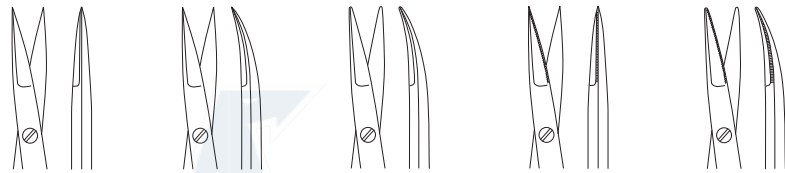
Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici

## Scissors

Tijeras  
Ciseaux  
Forbici



1/1



		A	A	D	A-SB	D-SB
15 cm / 5 7/8"	W	10 mm	10 mm	10 mm	10 mm	10 mm
	St	11-712-15	11-713-15			
	Ti	11-718-15	11-719-15			
18 cm / 7 1/8"	St	11-712-18	11-713-18	11-713-19	11-712-19	11-713-20
	Ti	11-718-18	11-719-18			
21 cm / 8 2/8"	St	11-712-21	11-713-21			
	Ti	11-718-21	11-719-21			
23 cm / 9 1/8"	St	11-712-23	11-713-23			

1/2

11-712-15 -  
11-719-18

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

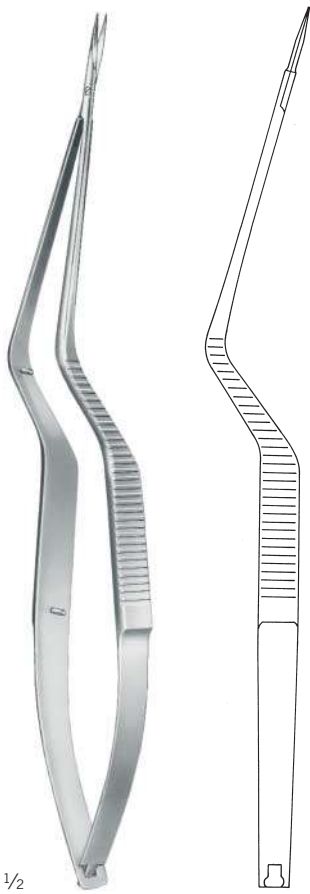
A = Adventicia  
D = Disección  
A-SB = Adventicia, una hoja dentada  
D-SB = Disección, una hoja dentada

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

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

**Micro Scissors**

Micro-Tijeras  
 Micro-Ciseaux  
 Micro-Forbici



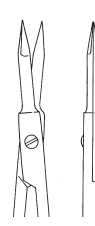
Jacobson  
 11-732-23 -  
 11-735-23



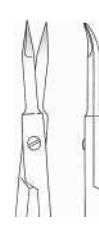
$\frac{1}{2}$   
 11-732-23  
 20,5 cm / 8  $\frac{1}{8}$ "



11-733-23  
 20 cm / 7  $\frac{7}{8}$ "



11-734-23  
 20,5 cm / 8  $\frac{1}{8}$ "



11-735-23  
 20 cm / 7  $\frac{7}{8}$ "

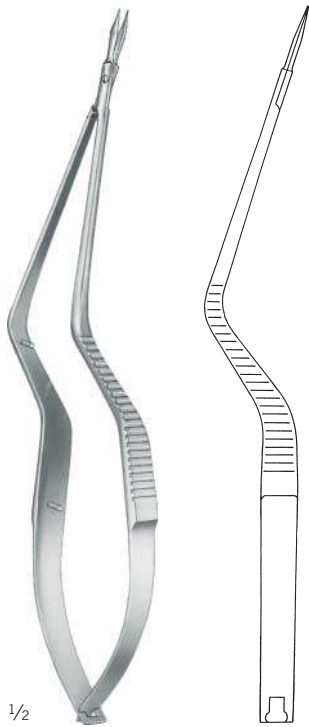


**Micro Scissors**

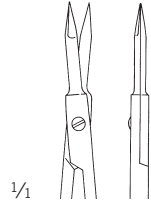
Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici

**Scissors**

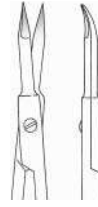
Tijeras  
Ciseaux  
Forbici



11-748-19 -  
11-749-19



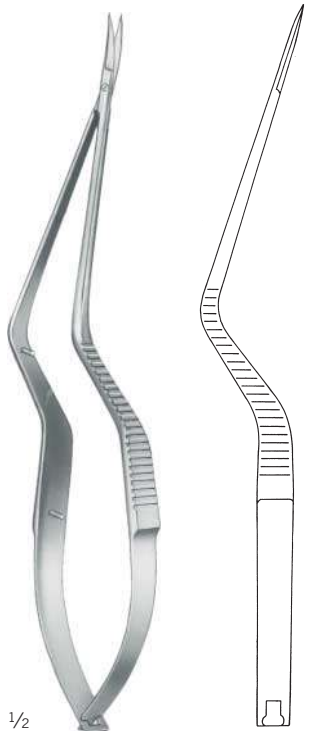
11-748-19  
20 cm / 7 7/8"



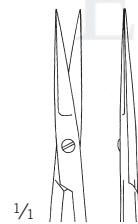
11-749-19  
18 cm / 7 1/8"



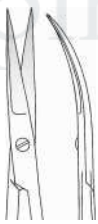
Empire



11-750-19 -  
11-752-19



11-750-19  
19 cm / 7 4/8"



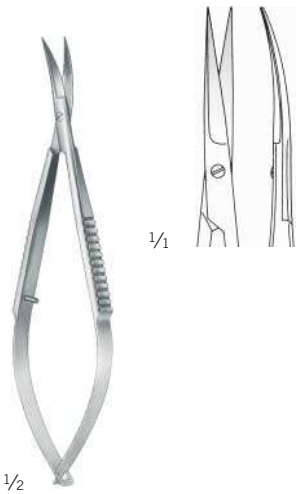
11-751-19  
18,5 cm / 7 2/8"  
bent upwards  
angulado hacia arriba  
courbée en haut  
angolato in alto



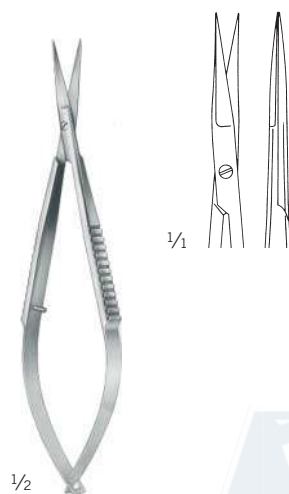
11-752-19  
18,5 cm / 7 2/8"  
bent downwards  
angulado hacia abajo  
coudé en bas  
angolato in basso

## Micro Scissors , Micro Dissecting Scissors

Micro-Tijeras, Micro-Tijeras de disección  
 Micro-Ciseaux, Micro-Ciseaux à dissection  
 Micro-Forbici, Micro-Forbici per dissezione



11-755-11  
 12 cm / 4 5/8"



11-756-12  
 12 cm / 4 5/8"



Biemer  
 11-758-12  
 12 cm / 4 5/8"

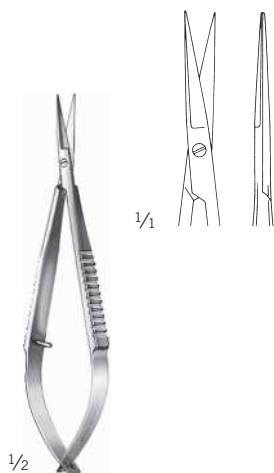
Micro scissors for veins  
 Tijeras de micro para venas  
 Micro-ciseaux pour les veines  
 Forbici micro per vene

For roughening vessel ends, vessel cannot slip off, clean, smooth cut

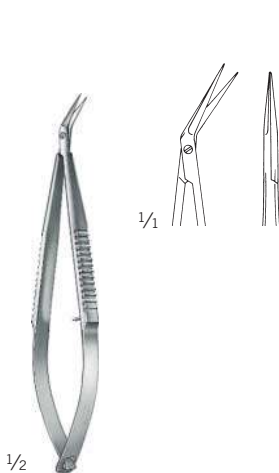
Renovación de extremos vasculares. Ningún resbalamiento del vaso, cortes limpios y lisos

Pour rafraîchir des moignons vasculaires. Les vaisseau ne peut pas glisser, coupe lisse et propre

Per cruentare le estremità vasili. Senza scivolamento del vaso, con distacco preciso



11-760-09  
 10 cm / 3 7/8"



11-761-09  
 9,5 cm / 3 6/8"



## Micro Scissors

Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici

## Scissors

Tijeras  
Ciseaux  
Forbici



Jaboma  
11-765-18

18 cm / 7 1/8"

for Cleft Palate  
para fisura paladar  
pour fente du palais  
per cheilo-labbro-palato schisi



Jaboma  
11-767-18

18 cm / 7 1/8"

for Cleft Palate  
para fisura paladar  
pour fente du palais  
per cheilo-labbro-palato schisi



Jaboma  
11-769-18

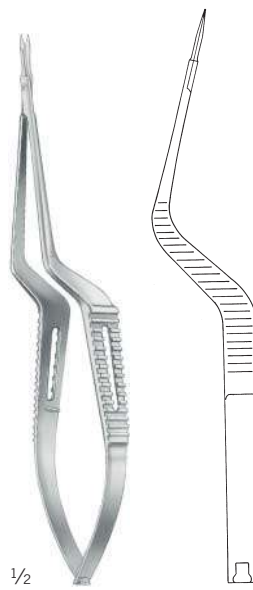
18 cm / 7 1/8"

for Cleft Palate  
para fisura paladar  
pour fente du palais  
per cheilo-labbro-palato schisi



11-776-02

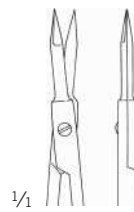
19 cm / 7 4/8"



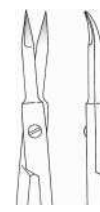
11-778-01 -

11-778-02

15,5 cm / 6 1/8"



11-778-01

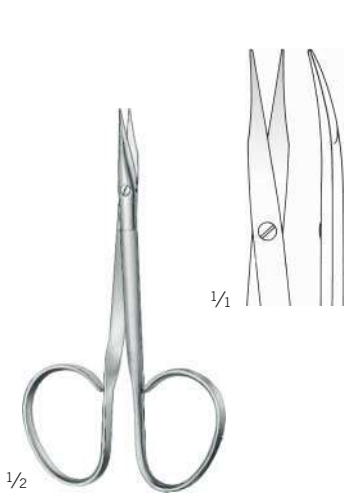


11-778-02

Empire

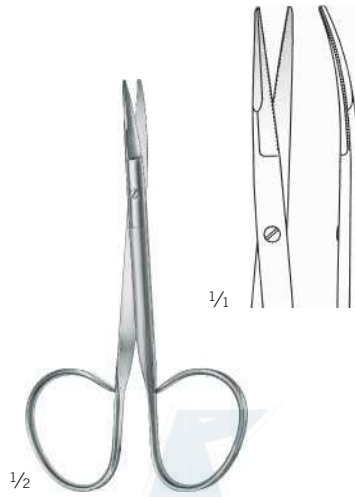
## Dissecting Scissors, Face-lift Scissors, Stitch Scissors

Tijeras de disección, Tijeras para Face-Lift, Tijeras para hilos  
 Ciseaux à dissection, Ciseaux pour Face-lift, Ciseaux à ligatures  
 Forbici per dissezione, Forbici per Face-lift, Forbici per legature



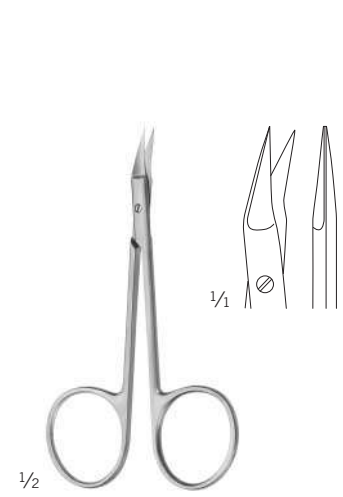
Salyer  
 11-801-10  
 10 cm / 3 <sup>7</sup>/<sub>8</sub>"

for Cleft Palate  
 para fisura paladar  
 pour fente du palais  
 per cheilo-labbro-palato schisi



Kaye  
 11-809-11  
 11 cm / 4 <sup>3</sup>/<sub>8</sub>"

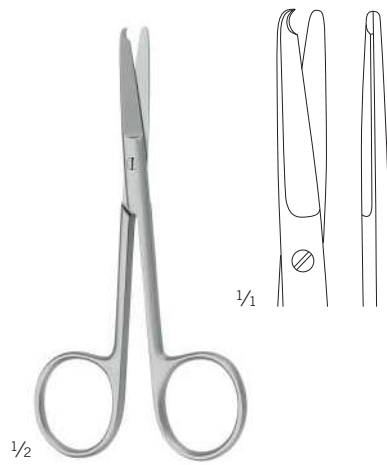
both cutting edges serrated  
 ambos filos dentados  
 deux lames dentées  
 entrambe le lame dentate



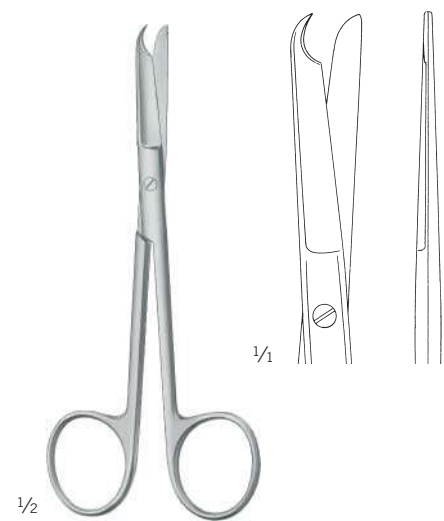
O'Brian  
 11-821-09  
 9 cm / 3 <sup>4</sup>/<sub>8</sub>"



Spencer  
 11-824-09  
 9 cm / 3 <sup>4</sup>/<sub>8</sub>"



Spencer  
 11-824-10  
 10,5 cm / 4 <sup>1</sup>/<sub>8</sub>"



Spencer  
 11-826-13  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"

Empire

## Stitch Scissors

Tijeras para hilos  
Ciseaux à ligatures  
Forbici per legature

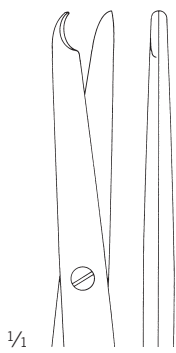
## Scissors

Tijeras  
Ciseaux  
Forbici



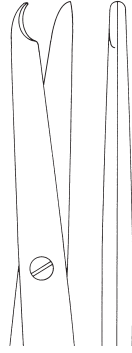
1/2

Buck  
11-830-14 -  
11-830-18



1/4

11-830-14  
14,5 cm / 5 7/8"

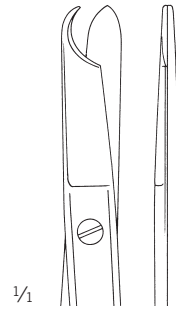


11-830-18  
18 cm / 7 1/8"



1/2

Littauer  
11-834-14  
14 cm / 5 4/8"



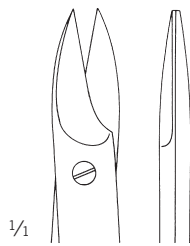
1/4

## Wire cutting Scissors

Tijeras para cortar hilos de acero  
Ciseaux coupe-fil  
Forbici per tagliare fili metallici



Beebee  
11-874-10 -  
11-879-12



11-874-10  
10 cm / 3 7/8"

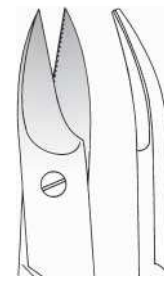


11-875-10  
10 cm / 3 7/8"



11-878-12  
12 cm / 4 5/8"

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



11-879-12  
12 cm / 4 5/8"

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

## highMed-Dissecting Scissors

Tijeras de disección  
Ciseaux à dissection  
Forbici per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



highMed



1/2

Lillehei-Potts  
11-882-18  
18 cm / 7 1/8"



1/1



Empire



highMed



1/2

Potts-De Martell  
11-886-20 -  
11-886-90  
18 cm / 7 1/8"



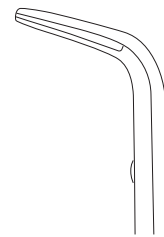
1/1



11-886-20  
20°



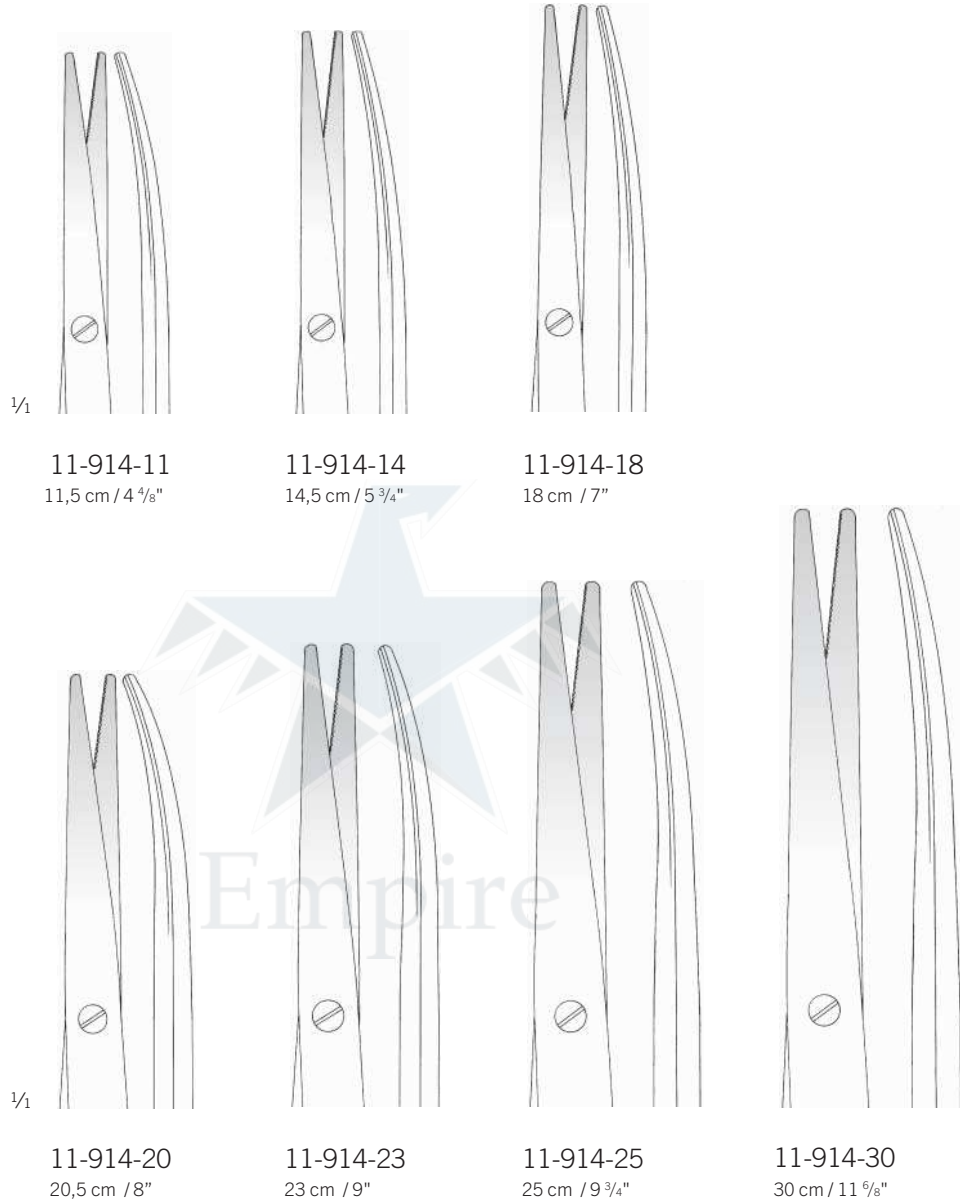
11-886-50  
50°



11-886-90  
90°

### Ligature Scissors

Tijeras para ligaduras  
Ciseaux pour ligatures  
Forbici per legature



11-914-11 -  
11-914-30

for synthetic suture material,  
one toothed cutting edge

para hilos de sutura sintéticos,  
una hoja dentada

pour matériel de suture synthétique,  
une lame dentelée

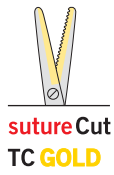
per materiale di sutura sintetico,  
una lama dentata

## Ligature Scissors

Tijeras para ligaduras  
Ciseaux pour ligatures  
Forbici per legature

## Scissors

Tijeras  
Ciseaux  
Forbici



1/2

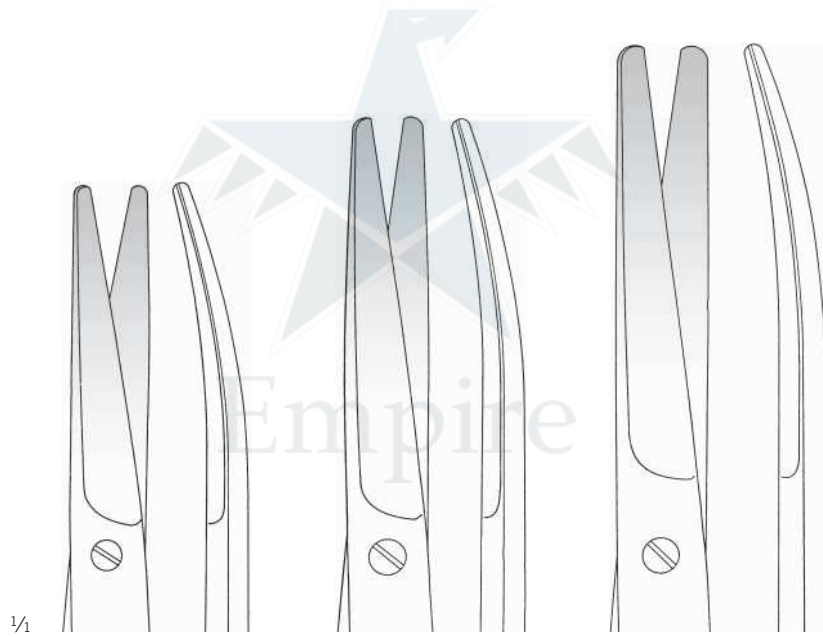
11-915-14 -  
11-915-23

for synthetic suture material,  
one toothed cutting edge

para hilos de sutura sintéticos,  
una hoja dentada

pour matériel de suture synthétique,  
une lame dentelée

per materiale di sutura sintetico,  
una lama dentata



1/1

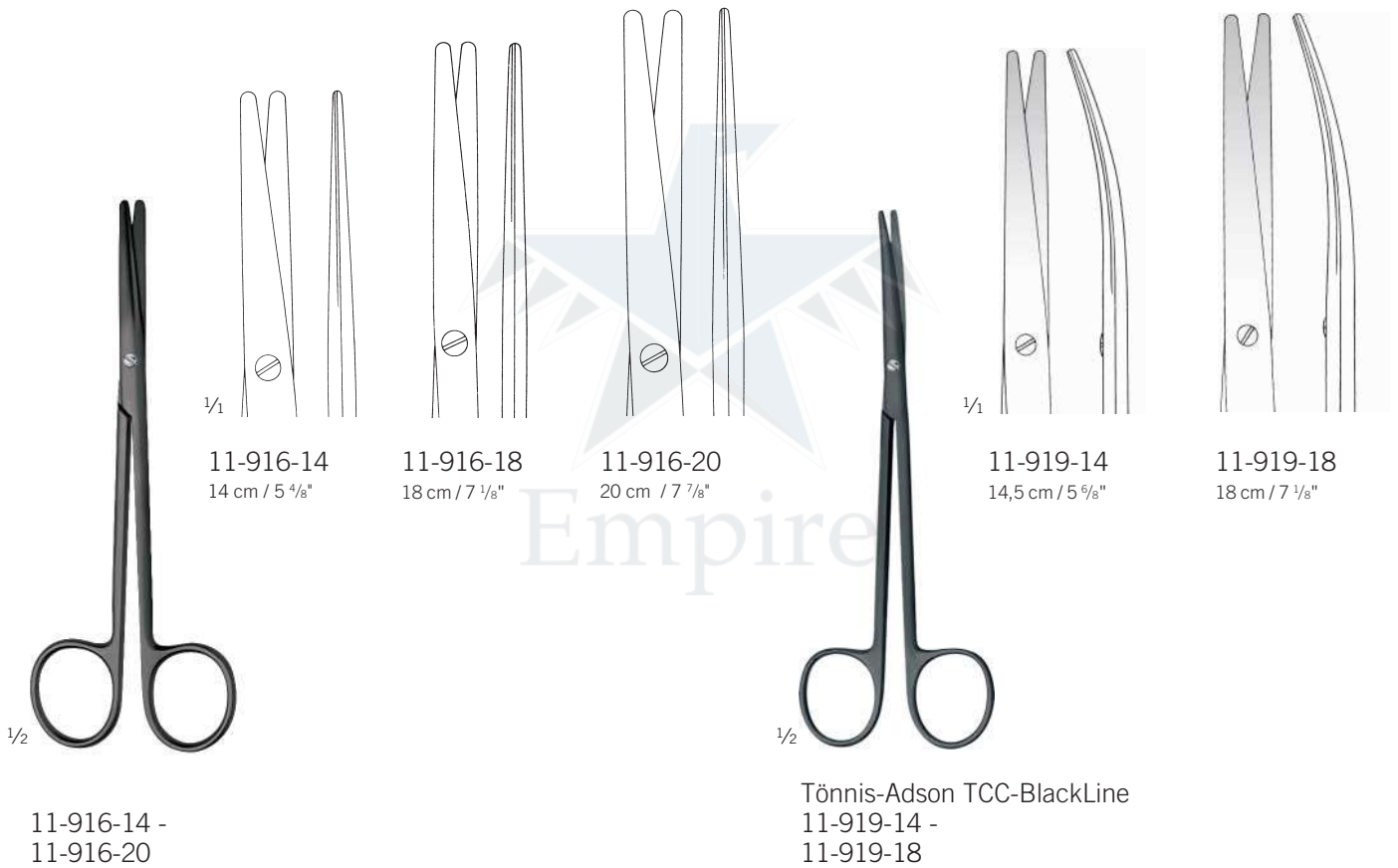
11-915-14  
14,5 cm / 5 3/4"

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

11-915-23  
23 cm / 9"



**TCC BlackLine**  
**finoLine TC GOLD**



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

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

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

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

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

11-916-14 -  
11-916-20

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

very delicate  
muy fino  
très fin  
strafino

Coated with ceramics,  
one toothed cutting edge

Cubierto con material de cerámicas,  
una hoja dentada

Recouvert avec matériau de la  
céramique, une lame dentelée

Ricoprito con materiale di ceramica,  
una lama dentata

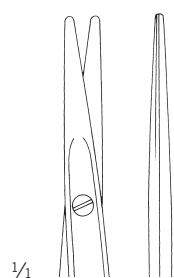


## Dissecting Scissors, Operating Scissors

Tijeras de disección, Tijeras quirúrgicas  
Ciseaux à dissection, Ciseaux chirurgicaux  
Forbici per dissezione, Forbici per chirurgia

## Scissors

Tijeras  
Ciseaux  
Forbici



11-934-12



11-935-12

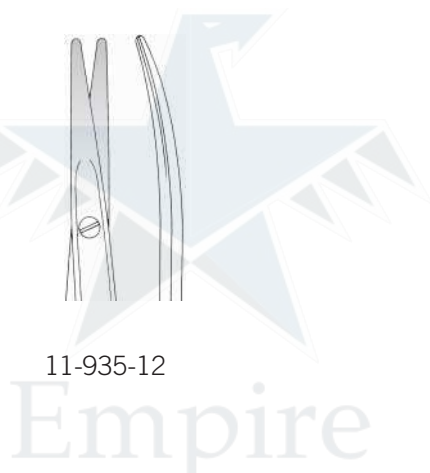


1/2

Knapp  
11-934-12 -  
11-935-12  
12,5 cm / 4 7/8"



Converse  
28-419-10  
10 cm / 4"



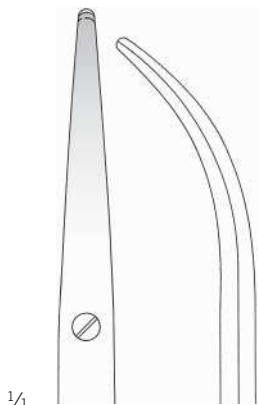
## Dissecting Scissors, Operating Scissors

Tijeras de disección, Tijeras quirúrgicas  
 Ciseaux à dissection, Ciseaux chirurgicaux  
 Forbici per dissezione, Forbici per chirurgia



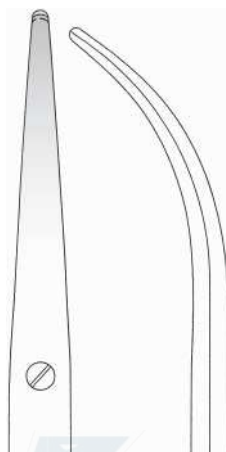
1/2

Metzenbaum-Thorek  
 11-945-20 -  
 11-945-28

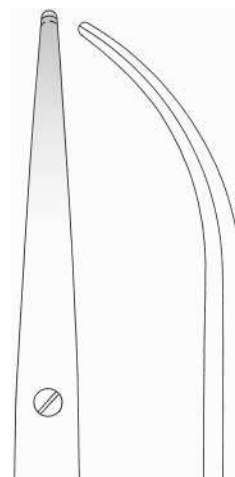


1/4

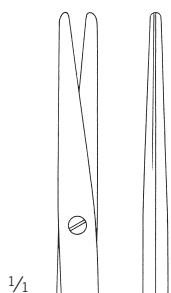
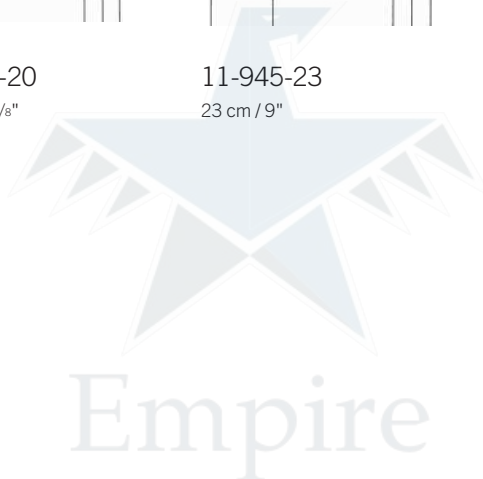
11-945-20  
 20 cm / 7 7/8"



11-945-23  
 23 cm / 9"



11-945-28  
 28 cm / 11"



1/4

11-950-10



11-951-10



1/2

Lexer  
 11-950-10 -  
 11-951-10  
 12,5 cm / 4 7/8"

## Dissecting Scissors, Operating Scissors

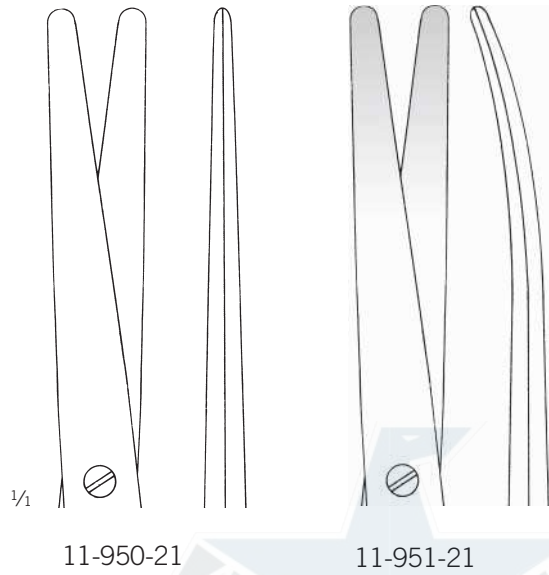
Tijeras de disección, Tijeras quirúrgicas  
Ciseaux à dissection, Ciseaux chirurgicaux  
Forbici per dissezione, Forbici per chirurgia

## Scissors

Tijeras  
Ciseaux  
Forbici



Lexer  
11-950-21 -  
11-951-21  
21 cm / 8 2/8"

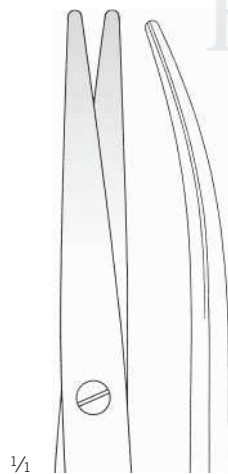


11-950-21

11-951-21



Mayo-Lexer  
11-953-16  
16 cm / 6 2/8"



1/4

**Delicate Dissecting Scissors**

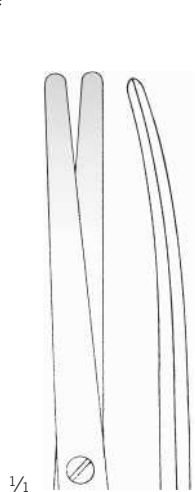
Tijeras finas de disección  
Ciseaux fins à dissection  
Forbici fini per dissezione



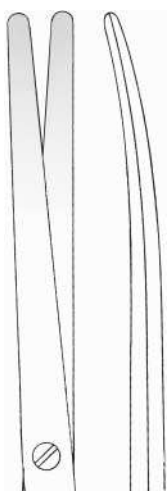
**finoLine**



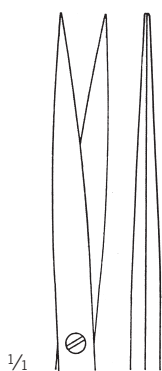
Metzenbaum-Fino  
11-961-20 -  
11-961-28



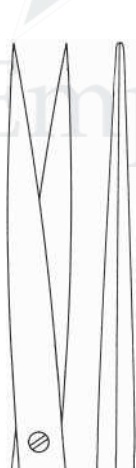
11-961-25  
26 cm / 10 2/8"



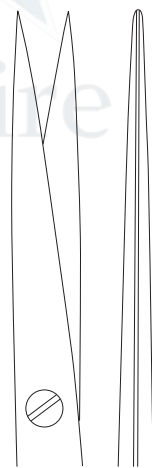
11-961-28  
28,5 cm / 11 2/8"



11-962-18  
18 cm / 7 1/8"



11-962-20  
20 cm / 7 7/8"



11-962-23  
23 cm / 9"



Metzenbaum-Fino  
11-962-18 -  
11-962-20



Metzenbaum-Lahey  
11-965-14  
14,5 cm / 5 6/8"  
slender pattern  
modelo delgado  
modèle gracile  
modello delicato

## Delicate Dissecting Scissors

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

## Scissors

Tijeras  
Ciseaux  
Forbici



finoLine



Toennis-Adson	TC GOLD	AQUILA	TCC BlackLine	ST
17,5 cm / 6 7/8"	11-965-17	11-893-17	11-921-17	
18 cm / 7 1/8"		28-477-18		28-437-18



Empire

## Delicate Dissecting Scissors

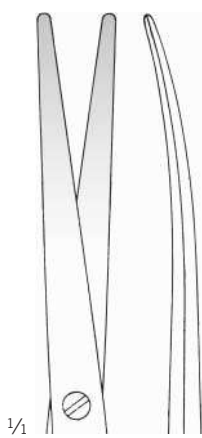
Tijeras finas de disección  
Ciseaux fins à dissection  
Forbici fini per dissezione



1/2

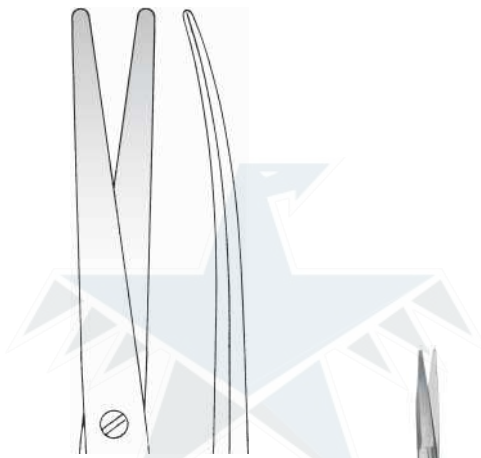
Metzenbaum-Fino  
11-965-20 -  
11-965-23

slender pattern  
modelo delgado  
modèle gracile  
modello delicato



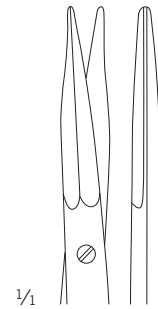
1/4

11-965-20  
20,5 cm / 8 1/8"



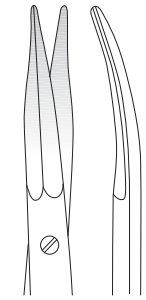
1/4

11-965-23  
23 cm / 9"



1/4

11-968-11



1/4

11-969-11



1/2

Siegert  
11-968-11 -  
11-969-11  
11,5 cm / 4 4/8"

## Delicate Dissecting Scissors

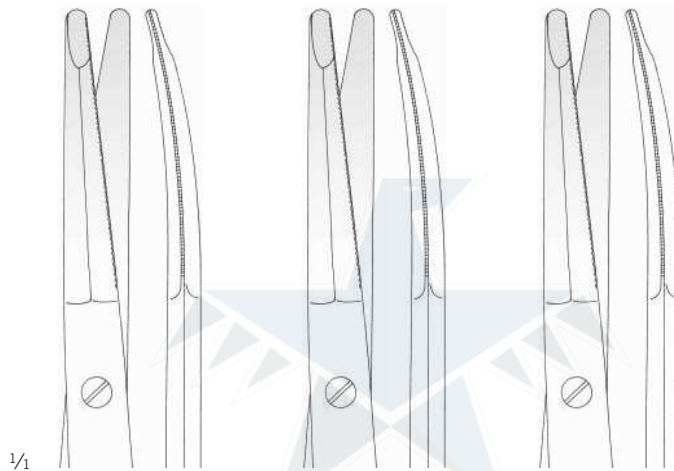
Tijeras finas de disección  
Ciseaux fins à dissection  
Forbici fini per dissezione

## Scissors

Tijeras  
Ciseaux  
Forbici



Gorney-Freeman  
11-969-17 -  
11-969-23  
11,5 cm / 4 5/8"



11-969-17  
17 cm / 6 5/8"

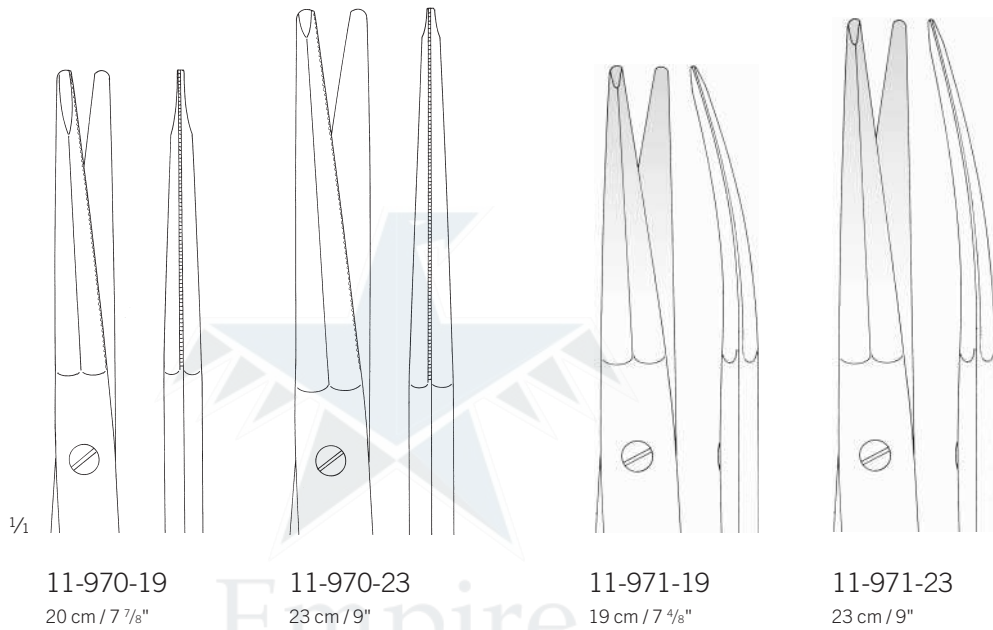
11-969-19  
19 cm / 7 4/8"

11-969-23  
23 cm / 9"

Empire

## Delicate Dissecting Scissors

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



Gorney  
11-970-19 -  
11-970-23

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



## Face-lift Scissors

Tijeras para Face-Lift  
Ciseaux pour Face-lift  
Forbici per Face-lift

## Scissors

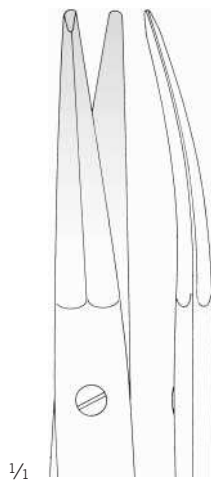
Tijeras  
Ciseaux  
Forbici



Rees  
11-973-17

17 cm / 6 <sup>5</sup>/<sub>8</sub>"

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



1/4

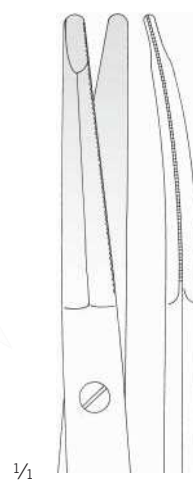


Empire



Gorney-Freeman  
11-974-23

19 cm / 7 <sup>4</sup>/<sub>8</sub>"



1/4

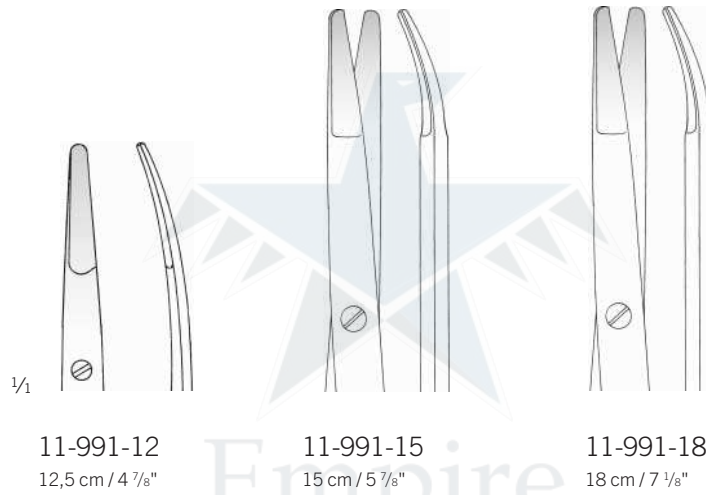
## Delicate Dissecting Scissors

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



1/2

Ragnell  
11-991-12-  
11-991-18



11-991-12  
12,5 cm / 4 7/8"

11-991-15  
15 cm / 5 7/8"

11-991-18  
18 cm / 7 1/8"

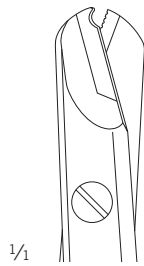
Empire

## Wire Cutting Scissors

Tijeras para cortar hilos de acero  
Ciseaux coupe-fil  
Forbici per tagliare fili metallici

## Scissors

Tijeras  
Ciseaux  
Forbici



Martin  
11-996-16

16 cm / 6 2/8"

Wire cutting scissors  
Tijera para alambre  
Ciseaux à fils  
Forbici per fili

max Ø = 0,5 mm

hard wire  
alambre duro  
fil métallique raide  
filo rigido

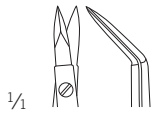
**Micro Scissors**

Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici



1/2

Vannas  
24-850-01 -  
24-850-03  
12 cm / 4 7/8"

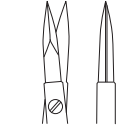


1/1

24-850-01



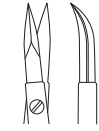
9 mm



24-850-02



12 mm



24-850-03

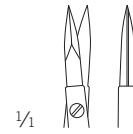


12 mm



1/2

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

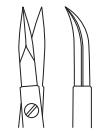


1/1

24-850-04



12 mm



24-850-05

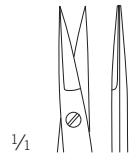


12 mm



1/2

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

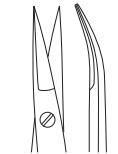


1/1

24-850-10



12 mm



24-850-11



12 mm



1/2

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



1/1



12 mm



Empire

## Micro Scissors

Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici

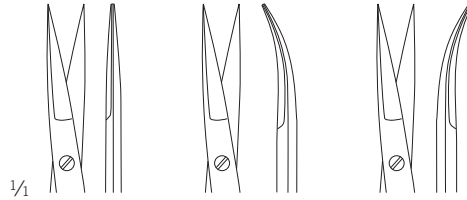
## Scissors

Tijeras  
Ciseaux  
Forbici



1/2

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

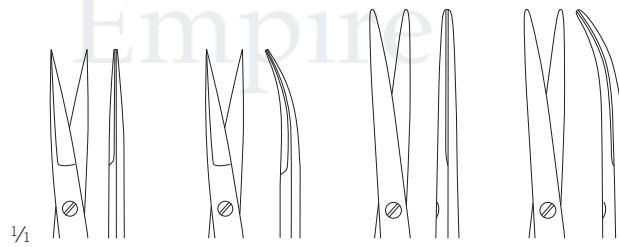


	15 mm	15 mm	15 mm
16,5 cm / 6 1/8"	24-850-20	24-850-21	
20 cm / 7 7/8"	24-850-22	24-850-23	24-850-24



1/2

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



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

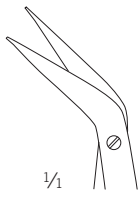
**Micro Scissors**

Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici



1/2

Nagel  
24-850-40 -  
24-850-42  
20 cm / 7 7/8"

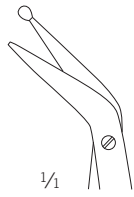


1/4

45°  
24-850-40



14 mm

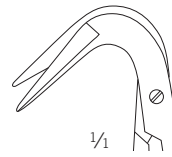


1/4

45°  
24-850-41



14 mm



1/4

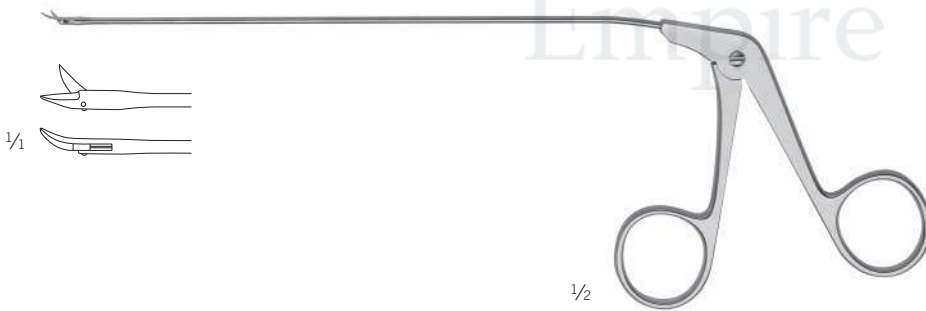
135°  
24-850-42



14 mm

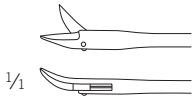


Empire

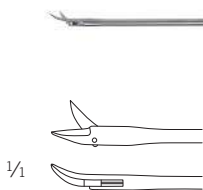


1/2

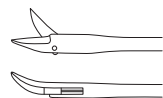
Fahlbusch  
24-850-50  
16,5 cm / 6 4/8"



1/4



1/4



1/2

Caspar  
24-850-60  
11,5 cm / 4 4/8"

**Scissors**

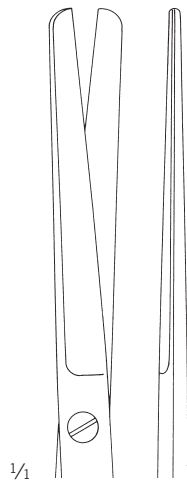
Tijeras  
Ciseaux  
Forbici

**Scissors**

Tijeras  
Ciseaux  
Forbici



Jabaley  
11-120-13 -  
28-401-13  
13 cm / 5 1/8"



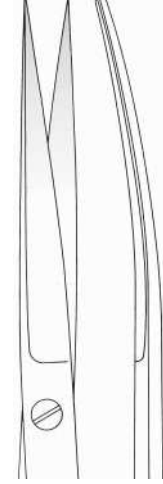
**Standard**  
11-120-13  
blunt/blunt  
romo/romo  
mousse/mousse  
smusso/smusso



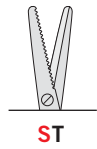
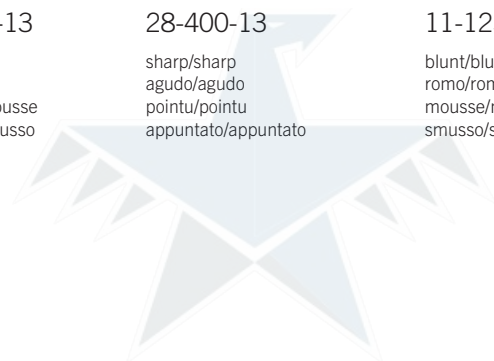
**ST**  
28-400-13  
sharp/sharp  
agudo/agudo  
pointu/pointu  
appuntato/appuntato



**Standard**  
11-125-13  
blunt/blunt  
romo/romo  
mousse/mousse  
smusso/smusso



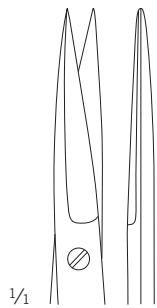
**ST**  
28-401-13  
sharp/sharp  
agudo/agudo  
pointu/pointu  
appuntato/appuntato



**ST**



28-400-11 -  
28-401-11  
11 cm / 4 3/8"



28-400-11



28-401-11



**ST**



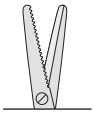
Iris  
28-402-10 -  
28-403-10  
10,5 cm / 4 1/8"



28-402-10



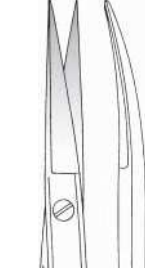
28-403-10



ST



28-402-11



28-403-11

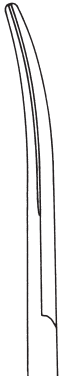


Micro-Iris  
28-403-09  
11,5 cm / 4 7/8"



1/1

28-404-11



28-405-11

Iris  
28-402-11 -  
28-403-11  
11,5 cm / 4 7/8"

Iris  
28-404-11 -  
28-405-11  
11,5 cm / 4 7/8"

Empire



28-404-12

28-405-12

Knapp  
28-404-12 -  
28-405-12  
11,5 cm / 4 7/8"



1/1

28-406-11

28-407-11

Stevens  
28-406-11 -  
28-407-11  
11,5 cm / 4 7/8"

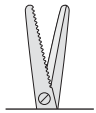


# Scissors

Tijeras  
Ciseaux  
Forbici

# Scissors

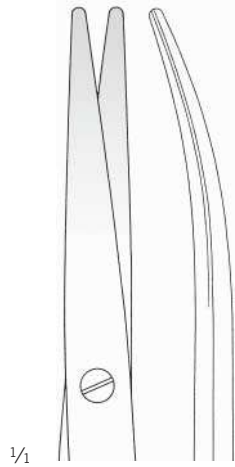
Tijeras  
Ciseaux  
Forbici



ST



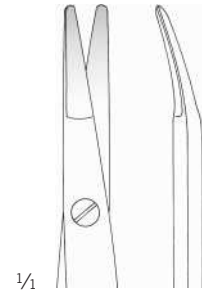
Mayo-Lexer  
28-413-16  
16,5 cm / 6 1/2"



1/1



Greenberg PAR  
28-415-11  
11,5 cm / 4 1/2"



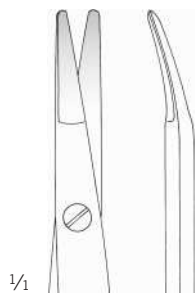
1/1



Empire



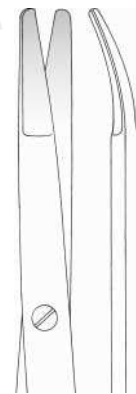
Ragnell-Kilner  
28-417-13 -  
28-417-18



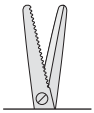
28-417-13  
13 cm / 5 1/8"



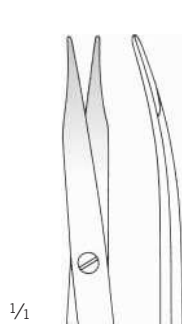
28-417-15  
15 cm / 5 7/8"



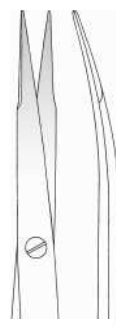
28-417-18  
18 cm / 7 1/8"



ST



28-439-12  
12 cm / 4 7/8"

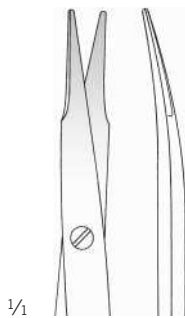
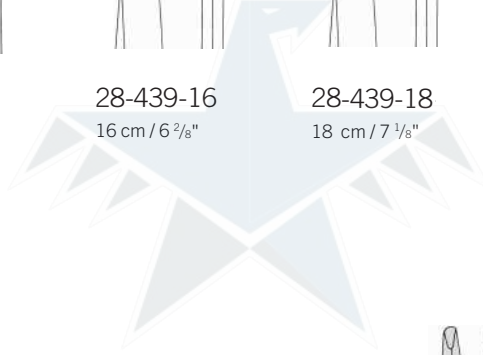


28-439-16  
16 cm / 6 2/8"



28-439-18  
18 cm / 7 1/8"

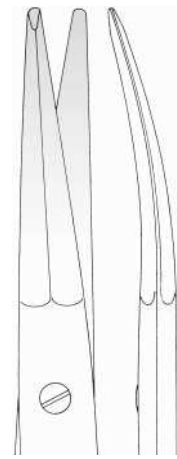
Reynolds-Jameson  
28-439-12 -  
28-439-18



Stevens  
28-441-13  
13 cm / 5 1/8"



28-443-17  
17 cm / 6 6/8"



28-443-19  
19 cm / 7 4/8"

Gorney  
28-443-17 -  
28-443-19

**Scissors**

Tijeras  
Ciseaux  
Forbici

**Scissors**

Tijeras  
Ciseaux  
Forbici



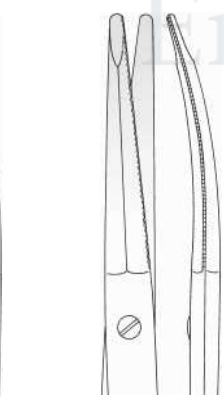
Gorney-Freeman  
28-445-17  
17 cm / 6 5/8"



Gorney-Freeman  
28-447-23  
17 cm / 6 5/8"



Kaye  
28-449-17 -  
28-449-23



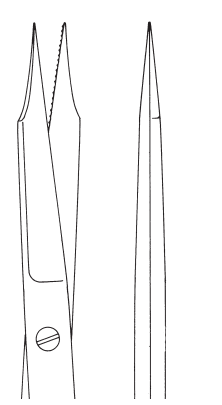
28-449-17  
17 cm / 6 5/8"



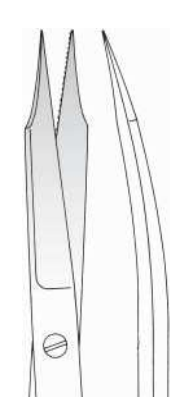
28-449-23  
23 cm / 9"



Fox  
28-450-13 -  
28-451-13  
13 cm / 5 1/8"



28-450-13



28-451-13



ST



1/2

Heymann  
28-453-18  
18 cm / 7 1/8"

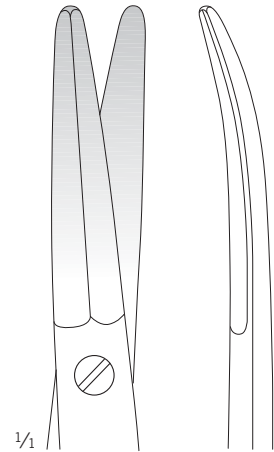
1/4

Arbeitslänge  
working length  
largo útil  
longueur utile  
lunghezza utile  
**85 mm**



1/2

Aufricht  
28-455-14  
14 cm / 5 4/8"



1/4

Empire



1/2

Fomon  
28-457-12  
12 cm / 4 6/8"

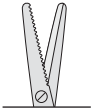
1/4

## Nasal Scissors

Tijeras nasales  
Ciseaux nasaux  
Forbici nasali

## Scissors

Tijeras  
Ciseaux  
Forbici



ST



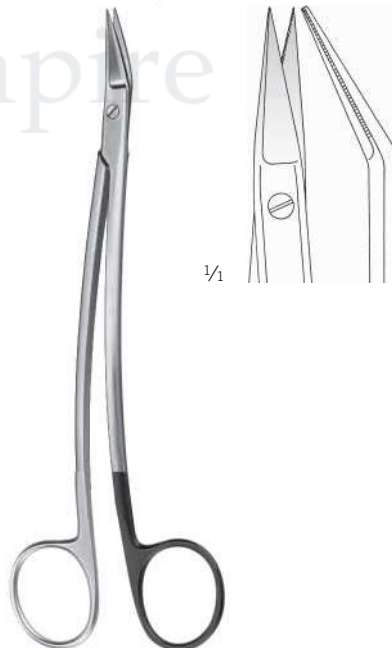
1/2  
40°  
Fomon  
28-459-13  
13 cm / 5 1/8"



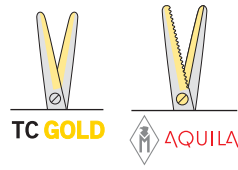
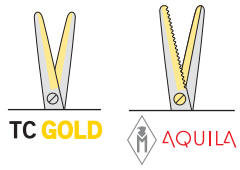
Boettcher  
28-460-18  
18 cm / 7"



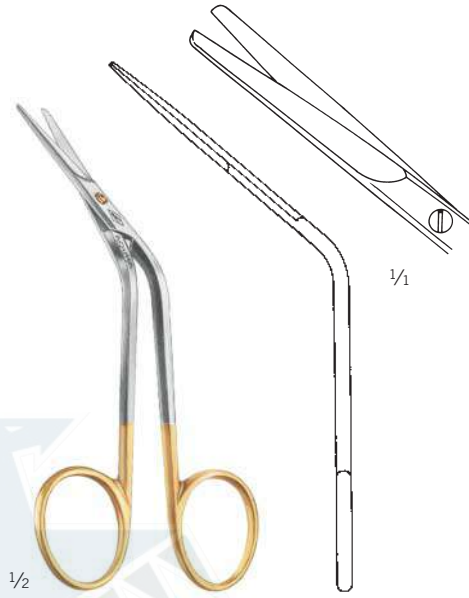
1/2  
Cottle  
28-461-16  
16 cm / 6 2/8"



1/2  
Dean  
28-463-17  
17 cm / 6 5/8"



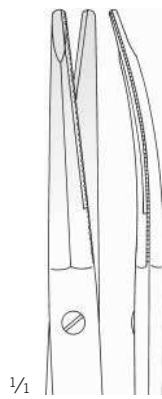
Cottle  
28-479-16  
16 cm / 6 2/8"



40°  
Fomon  
28-481-13  
13 cm / 5 1/8"



Kaye  
28-499-17 -  
28-499-23



28-499-17  
17 cm / 6 5/8"



28-499-19  
19 cm / 7 4/8"



28-499-23  
23 cm / 9"

## Face-Lift Scissors

Tijeras para Face-lift  
Ciseaux pour Face-lift  
Forbici per Face-lift

## Scissors

Tijeras  
Ciseaux  
Forbici



Gregory  
28-501-14  
14,5 cm / 5 7/8"

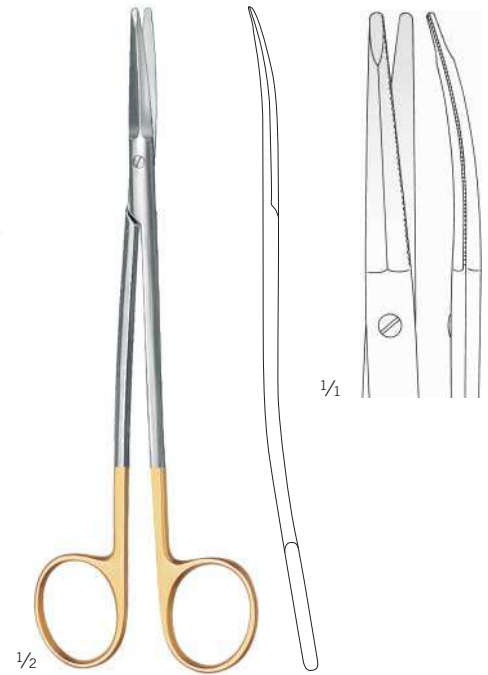
toothed  
dentada  
dentelés  
dentate



28-503-15 28-503-18  
15 cm / 6" 18 cm / 7"

Kaye  
28-503-15 -  
28-503-18

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



Stella-S  
28-505-18  
18 cm / 7"

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

**Face-Lift Scissors**

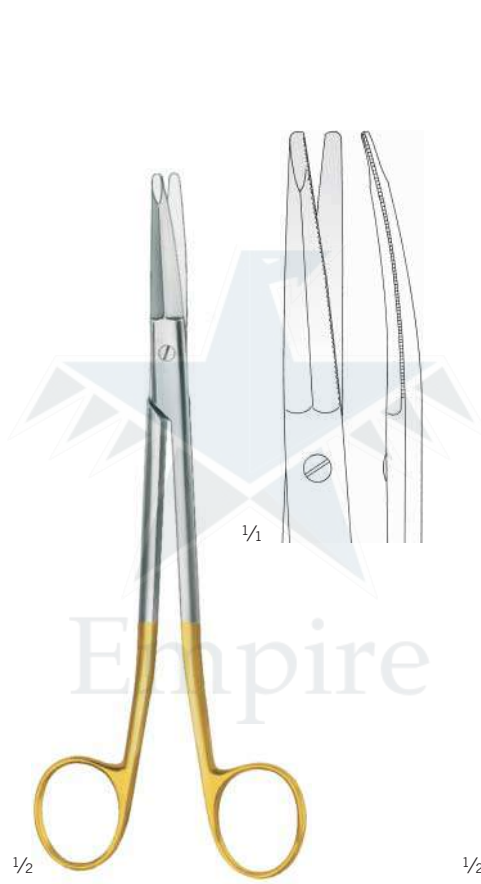
Tijeras para Face-lift  
Ciseaux pour Face-lift  
Forbici per Face-lift



**Gorney**  
28-521-18

17,5 cm / 6 7/8"

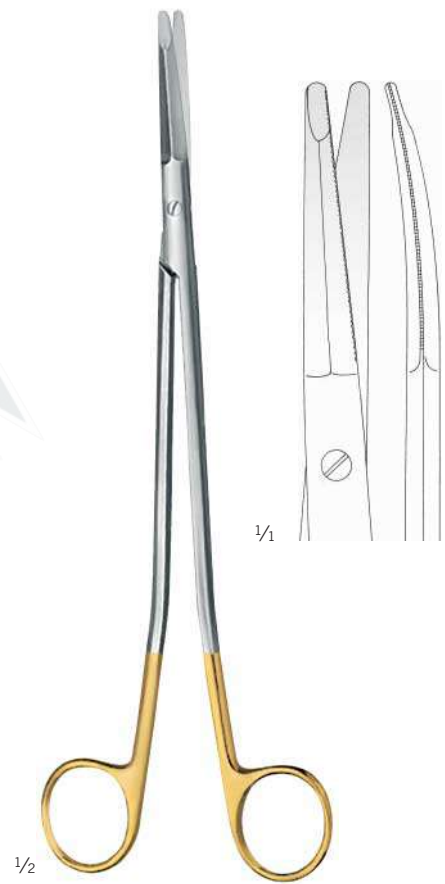
one toothed cutting edge  
una hoja dentada  
une lame dentelée  
una lama dentata



**Freeman-Kaye**  
28-525-18

18 cm / 7"

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



**Freeman**  
28-529-23

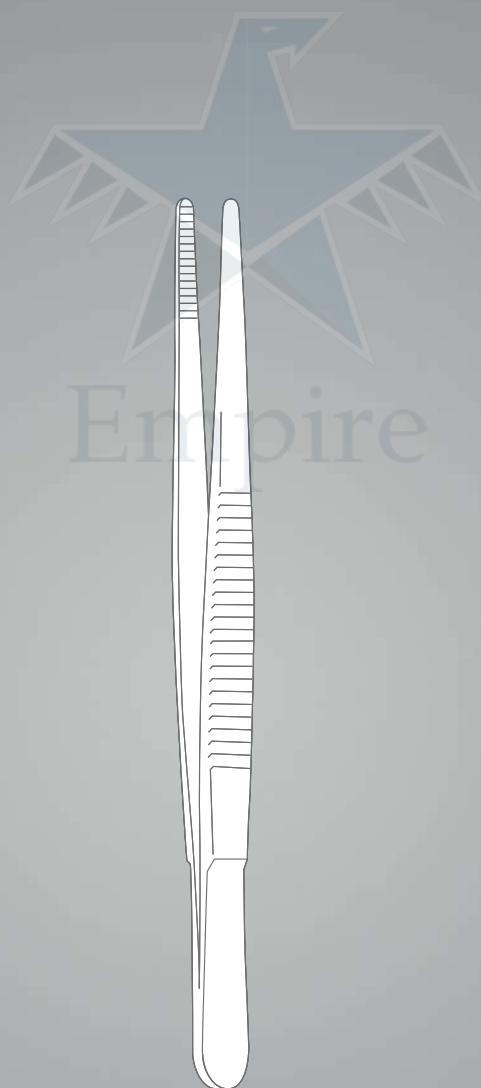
23 cm / 9"

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



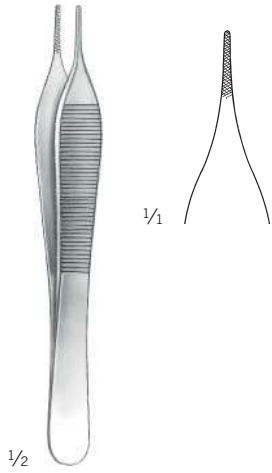
# 12

Forceps  
Pinzas  
Pincers  
Pinze

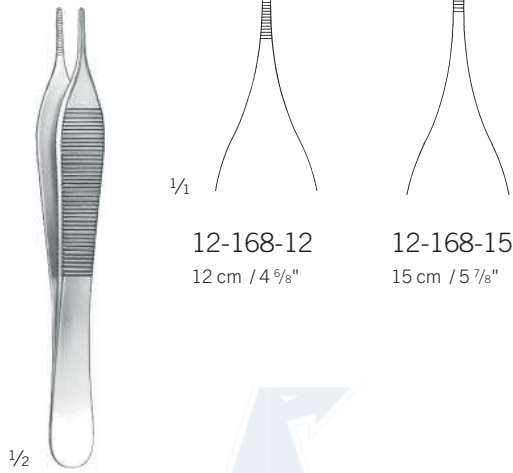


**Dissecting Forceps**

Pinzas de disección  
 Pincas à dissection  
 Pinze per dissezione



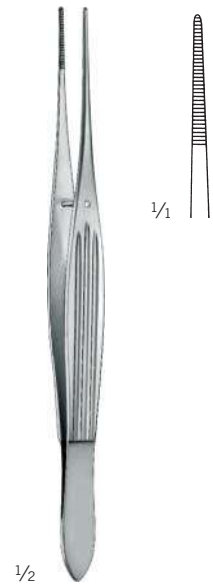
Mini-Adson  
 12-166-12  
 12 cm / 4 5/8"



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

12-168-12  
 12 cm / 4 5/8"

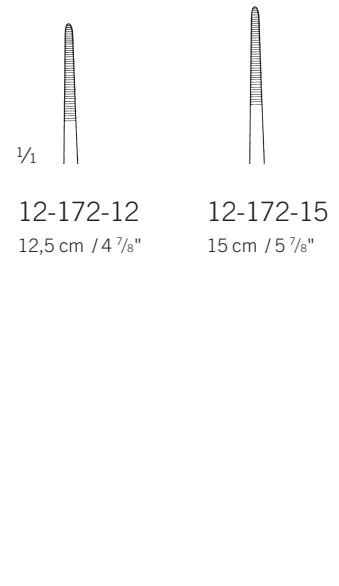
12-168-15  
 15 cm / 5 7/8"



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



Waugh  
 12-171-20  
 20 cm / 7 7/8"



Semken  
 12-172-12 -  
 12-172-15

12-172-12  
 12,5 cm / 4 7/8"

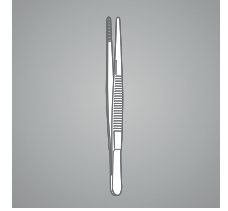
12-172-15  
 15 cm / 5 7/8"

## Dissecting Forceps

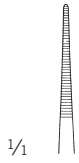
Pinzas de disección  
Pincès à dissection  
Pinze per dissezione

## Forceps

Pinzas  
Pincès  
Pinze

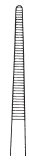


1/2



1/4

12-184-06  
0,6 mm



12-184-08  
0,8 mm



12-184-10  
1,0 mm



1:2

Cushing  
12-185-17  
17,5 cm / 7 "



1:2

Cushing  
12-186-17  
17,5 cm / 7 "

12-184-06 -  
12-184-10  
15,5 cm / 6 1/8"

## Atrauma



1/2



1/4

12-184-18  
17,5 cm / 6 7/8"



De bakey-Bayonet  
12-185-20  
20 cm / 8"



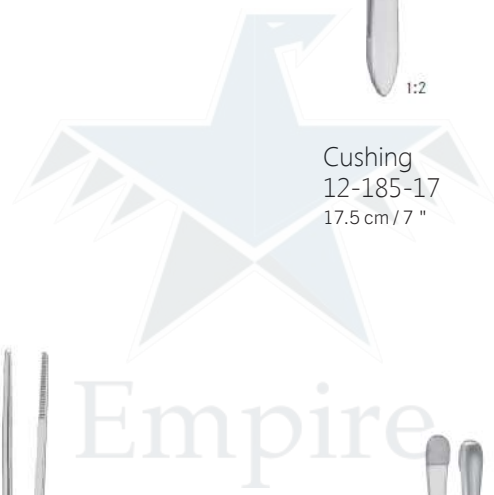
Wengensteen  
12-188-15 -  
12-188-23



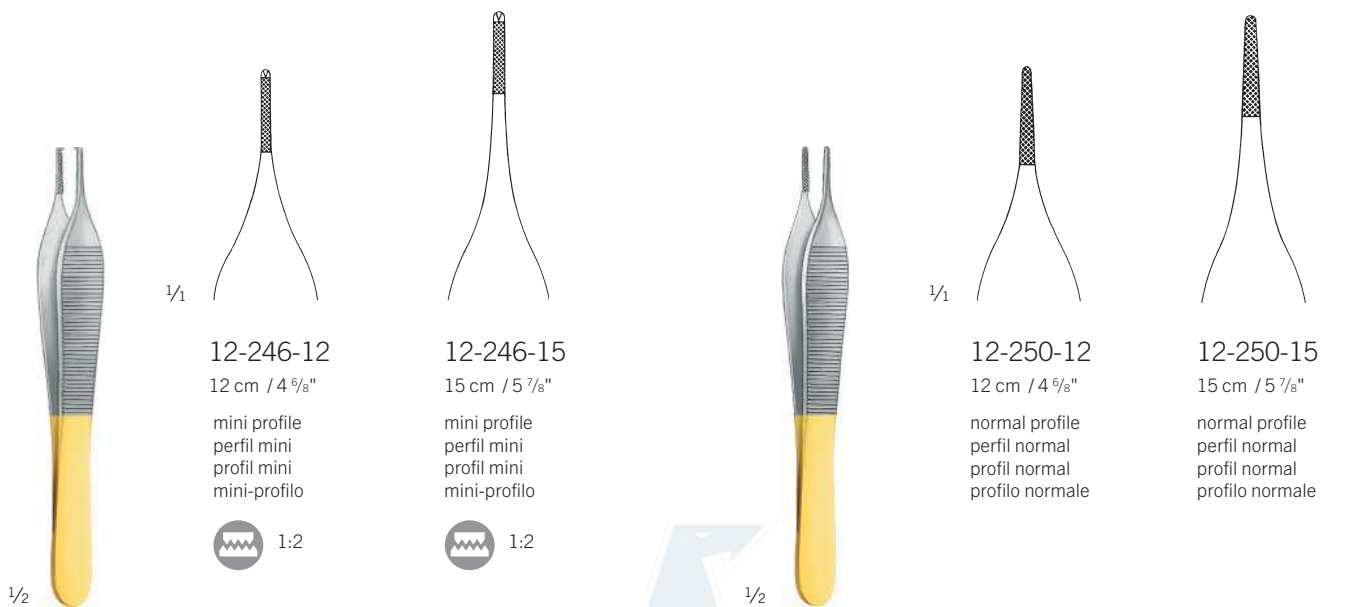
12-188-15  
15 cm / 6"



12-188-23  
23 cm / 9"



**TC GOLD**



Adson  
 12-246-12 -  
 12-246-15

Adson  
 12-250-12 -  
 12-250-15



Jaboma  
 12-276-18  
 18 cm / 7 1/8"

Jaboma  
 12-278-18  
 18 cm / 7 1/8"

Jaboma  
 12-279-18  
 18 cm / 7 1/8"

Oehler  
 12-302-14 -  
 12-302-30

12-279-25  
 18 cm / 7 1/8"

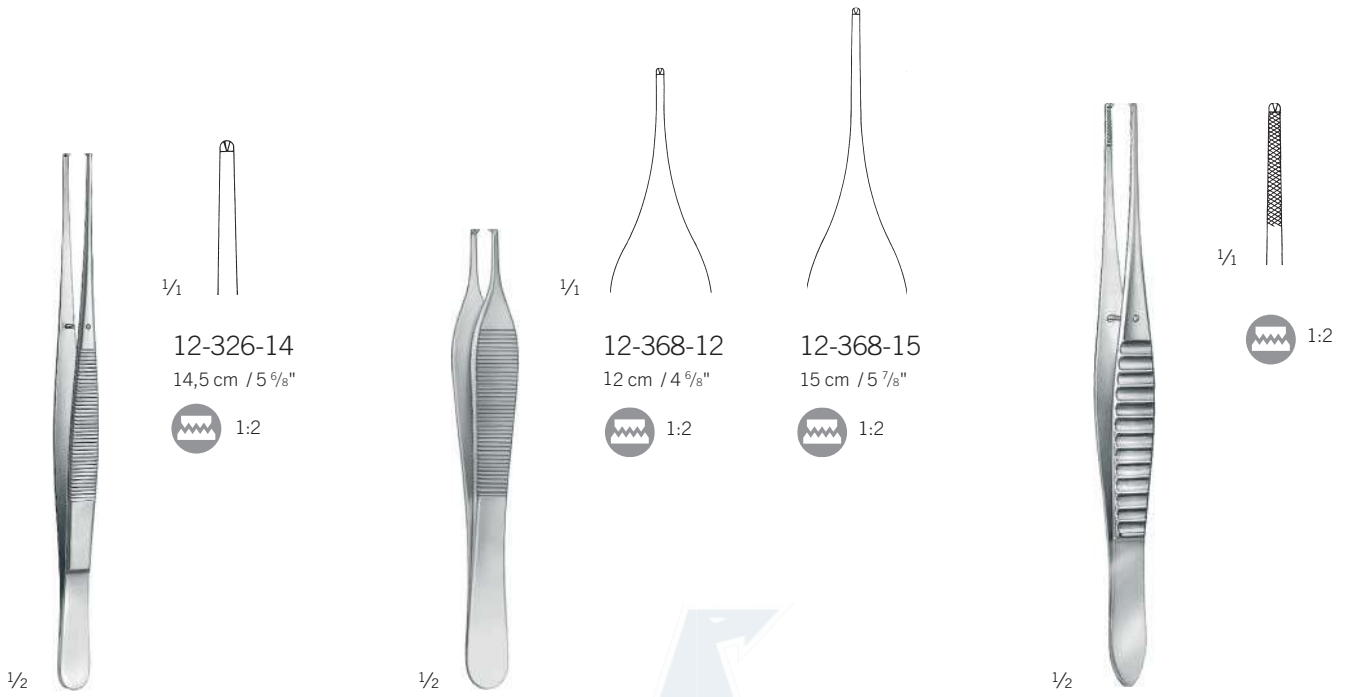
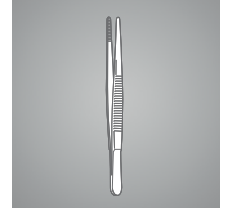
12-279-30  
 18 cm / 7 1/8"

## Tissue Forceps

Pinzas de disección con diente  
 Pincers à dissection à griffes  
 Pinze per dissezione con denti

## Forceps

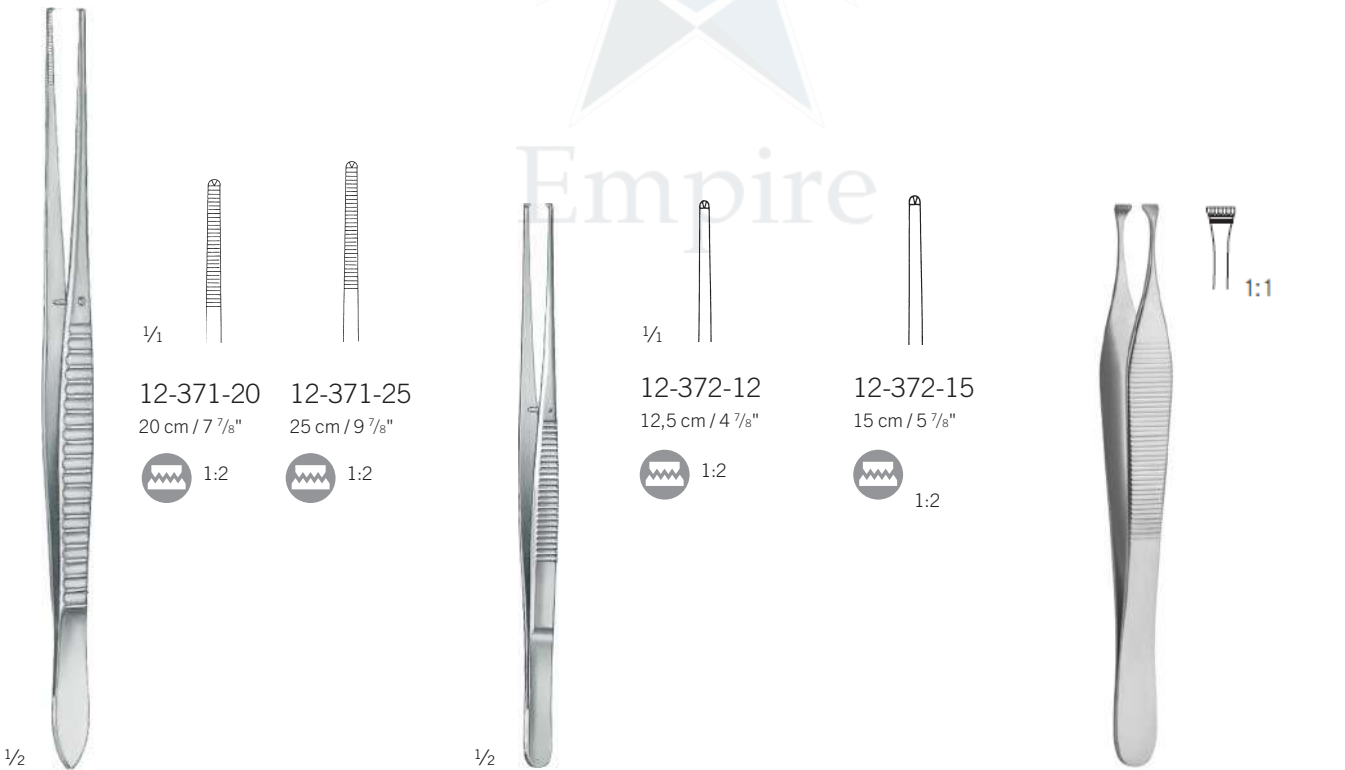
Pinzas  
 Pincers  
 Pinze



12-326-14

Adson  
 12-368-12-  
 12-368-15

Gillies  
 12-370-15  
 15,5 cm / 6 1/8"



Waugh  
 12-371-20 -  
 12-371-25

Semken  
 12-372-12 -  
 12-372-15

Adson-Graefe  
 12-369-12  
 12 cm / 4 3/4"

### Tissue Forceps

Pinzas de disección con diente  
 Pinces à dissection à griffes  
 Pinze per dissezione con denti



1/2

12-384-06 -  
 12-384-10  
 15,5 cm / 6 1/8"



12-384-06  
 0,6 mm



12-384-08  
 0,8 mm

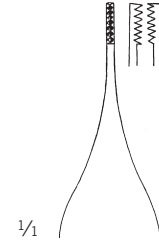


12-384-10  
 1,0 mm



1/2

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

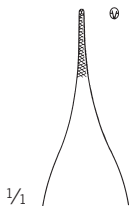


Empire



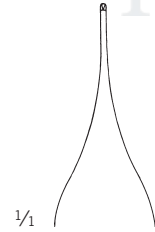
1/2

Mini-Adson  
 12-402-12  
 12 cm / 4 6/8"

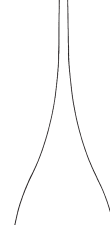


1/2

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



12-406-12  
 12 cm / 4 6/8"

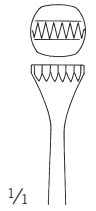


12-406-15  
 15 cm / 5 7/8"



1/2

Nelson  
 12-466-23  
 23 cm / 9"

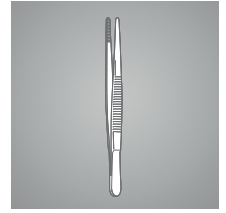


## Tissue Forceps, Dissecting Forceps

Pinzas de disección con diente, Pinzas de disección  
Pincas à dissection à griffes, Pincas à dissection  
Pinze per dissezione con denti, Pinze per dissezione

## Forceps

Pinzas  
Pincas  
Pinze



Graefe  
12-411-10  
10 cm / 4 1/4"

Graefe  
12-412-10  
10 cm / 4 1/4"

Graefe  
12-413-10  
10 cm / 4 1/4"

Graefe  
12-414-10  
10 cm / 4 1/4"

Graefe  
12-415-10  
10 cm / 4 1/4"

Graefe  
12-416-10  
10 cm / 4 1/4"

## Tissue Forceps, Dissecting Forceps

Pinzas de disección con diente, Pinzas de disección  
 Pincas à dissection à griffes, Pincas à dissection  
 Pinze per dissezione con denti, Pinze per dissezione



Adlerkreutz  
 12-418-20  
 20 cm / 8"



Duehrseen  
 12-419-20  
 20 cm / 8"



Columella Forceps  
 12-420-10  
 10 cm / 4 1/4"

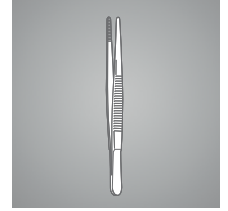


## Short Micro Forceps

Micro Pinzas, corto  
Micro-Pinces, court  
Micro-Pinze, corto

## Forceps

Pinzas  
Pinces  
Pinze



1/2

12-552-01 -  
12-553-06  
11 cm / 4 3/8"



●			
∅	0.15 mm	0.20 mm	0.30 mm
St	12-552-01	12-552-02	12-552-03



●	1:2	diamond-coated	diamond-coated
∅	0.50 mm	1.2 mm	
St	12-553-01	12-553-05	12-553-06



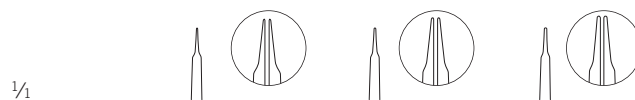
●	VD	VD	VD
∅	0.10 mm	0.20 mm	0.30 mm
gewinkelt/angled/ acodada/angulée/ angolata	10°	10°	10°
St	12-552-04	12-552-05	12-552-06



●			
∅	0.15 mm	0.20 mm	0.30 mm
St	12-552-07	12-552-08	12-552-09



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



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



1/2

12-552-07 -  
12-553-09  
11 cm / 4 3/8"

## Micro Forceps, Micro dilating forceps

Micro Pinzas, Micro pinza de dilatación

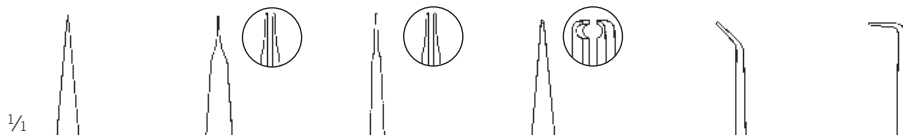
Micro-Pinces, Micro pince à dilater

Micro-Pinze, Micro pinze per dilatazione



1/2

Jeweler mod.  
12-560-00 -  
12-561-90



		VD	VD	Pierse	45°	90°
11 cm / 4 3/8"	Ø	0.30 mm	0.20 mm	0.30 mm	0.30 mm	0.30 mm
	St	12-560-00	12-560-02	12-560-03	12-560-05	12-560-90
13,5 cm / 5 3/8"	Ø	0.30 mm	0.20 mm	0.30 mm	0.30 mm	0.30 mm
	St	12-561-00	12-561-02	12-561-03	12-561-05	12-561-90



Empire



1/2

12-562-00 -  
12-563-05



Counter Balance

diamond-coated



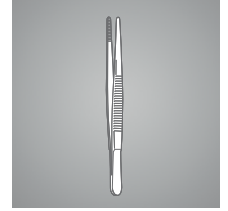
			45°		VD	Pierse
15 cm / 5 7/8"	Ø	0.30 mm	0.30 mm	1.0 x 0.5 mm	0.30 mm	0.30 mm
	St	12-562-00	12-562-01	12-562-02	12-562-03	12-562-04
18 cm / 7 1/8"	Ø	0.30 mm	0.30 mm	1.0 x 0.5 mm	0.30 mm	0.30 mm
	St	12-563-00	12-563-01	12-563-02	12-563-03	12-563-04

## Micro Forceps, Micro dilating forceps

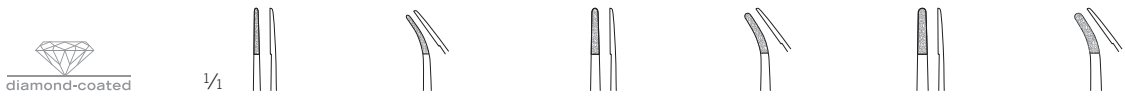
Micro Pinzas, Micro pinza de dilatación  
 Micro-Pinces, Micro pince à dilater  
 Micro-Pinze, Micro pinze per dilatazione

## Forceps

Pinzas  
 Pinces  
 Pinze

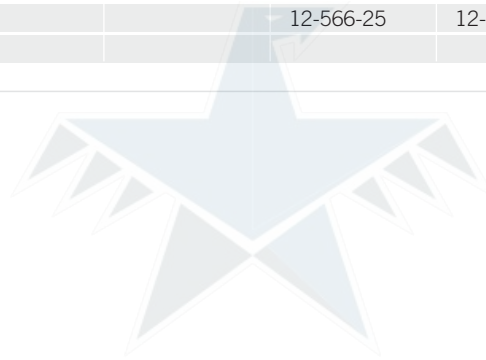


1/2



	Ø	0.40 mm	0.40 mm	0.70 mm	0.70 mm	0.80 mm	0.80 mm
15 cm / 5 7/8"	St	12-564-15	12-565-15	12-566-15	12-567-15		
	Ti	12-578-15	12-579-15			12-580-15	12-581-15
18 cm / 7 1/8"	St	12-564-18	12-565-18	12-566-18	12-567-18		
	Ti	12-578-18	12-579-18			12-580-18	12-581-18
21 cm / 8 3/8"	St			12-566-21	12-567-21		
	Ti					12-580-21	12-581-21
23 cm / 9"	St			12-566-23	12-567-23		
	Ti					12-580-23	12-581-23
25 cm / 9 7/8"	St			12-566-25	12-567-25		
	Ti					12-580-25	12-581-25

12-564-15 -  
 12-581-25



Empire



1/2



	Ø	0.30 mm	0.30 mm	45° 0.30 mm	1.0 x 0.5 mm	VD 0.30 mm	Pierse 0.40 mm
15 cm / 5 7/8"	St	12-591-00	12-591-01	12-591-02	12-591-03	12-591-04	12-591-05
	St	12-592-00	12-592-01	12-592-02	12-592-03	12-592-04	12-592-05

12-591-01 -  
 12-592-05

### Micro Forceps

Micro Pinzas  
Micro-Pinces  
Micro-Pinze



1/2

12-572-00 -  
12-572-09



Counter Balance



diamond-coated

1/1



	Ø	0.40 mm	0.40 mm	0.70 mm	0.70 mm
18 cm / 7 1/8"	St	12-572-00	12-572-01	12-572-02	12-572-03
21 cm / 8 2/8"	St			12-572-04	12-572-05
23 cm / 9"	St			12-572-06	12-572-07
25 cm / 9 7/8"	St			12-572-08	12-572-09



1/2

12-572-15 -  
12-573-19



Counter Balance



diamond-coated

1/1



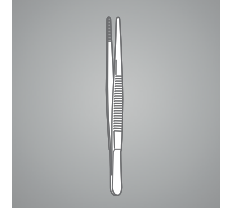
	Ø	1.0 x 0.5 mm	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	Atrauma®
18 cm / 7 1/8"	St	12-572-15	12-573-00	12-573-01	12-573-02	12-573-03	12-573-04
21 cm / 8 2/8"	St	12-572-20	12-573-05	12-573-06	12-573-07	12-573-08	12-573-09
23 cm / 9"	St	12-572-25	12-573-10	12-573-11	12-573-12	12-573-13	12-573-14
25 cm / 9 7/8"	St	12-572-30	12-573-15	12-573-16	12-573-17	12-573-18	12-573-19

# Micro Forceps

Micro Pinzas  
Micro-Pinces  
Micro-Pinze

# Forceps

Pinzas  
Pinces  
Pinze

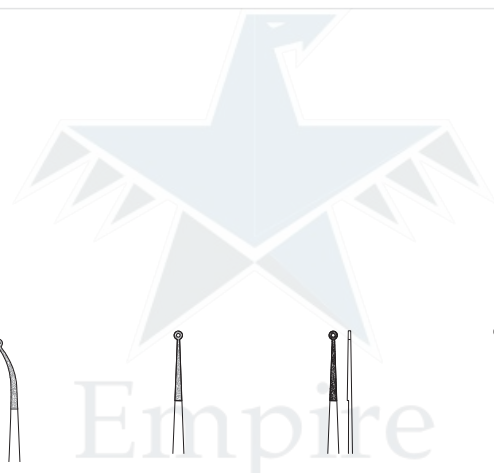


1/2

12-568-15 -  
12-585-21



		1:2	1:2	1:2	1:2	1:2	1:2
15 cm / 5 7/8"	diamond-coated						
	Ø	0.40 mm	0.40 mm	0.70 mm	0.70 mm	0.80 mm	0.80 mm
	St	12-568-15	12-569-15	12-570-15	12-571-15		
18 cm / 7 1/8"	Ti	12-582-15	12-583-15			12-584-15	12-585-15
	St	12-568-18	12-569-18	12-570-18	12-571-18		
	Ti	12-582-18	12-583-18			12-584-18	12-585-18
21 cm / 8 2/8"	St			12-570-21	12-571-21		
	Ti					12-584-21	12-585-21
23 cm / 9"	St			12-570-23	12-571-23		
	Ti						



1/2

12-574-15 -  
12-787-25



		1.0 x 0.5 mm	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	Atrauma®
15 cm / 5 7/8"	diamond-coated						
	Ø	1.0 x 0.5 mm	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.2 mm
	St	12-575-15	12-574-15	12-774-15	12-576-15	12-776-15	12-589-15
18 cm / 7 1/8"	Ti	12-587-15	12-586-15	12-786-15	12-588-15	12-787-15	12-590-15
	St	12-575-18	12-574-18	12-774-18	12-576-18	12-776-18	12-589-18
	Ti	12-587-18	12-586-18	12-786-18	12-588-18	12-787-18	12-590-18
21 cm / 8 2/8"	St	12-575-21	12-574-21	12-774-21	12-576-21	12-776-21	12-589-21
	Ti	12-587-21	12-586-21	12-786-21	12-588-21	12-787-21	12-590-21
23 cm / 9"	St	12-575-23	12-574-23	12-774-23	12-576-23	12-776-23	12-589-23
	Ti	12-587-23	12-586-23	12-786-23	12-588-23	12-787-23	12-590-23
25 cm / 9 7/8"	St	12-575-25	12-574-25	12-774-25	12-576-25	12-776-25	12-589-25
	Ti	12-587-25	12-586-25	12-786-25	12-588-25	12-787-25	12-590-25



Jacobson  
24-851-01

18 cm / 7 1/8"

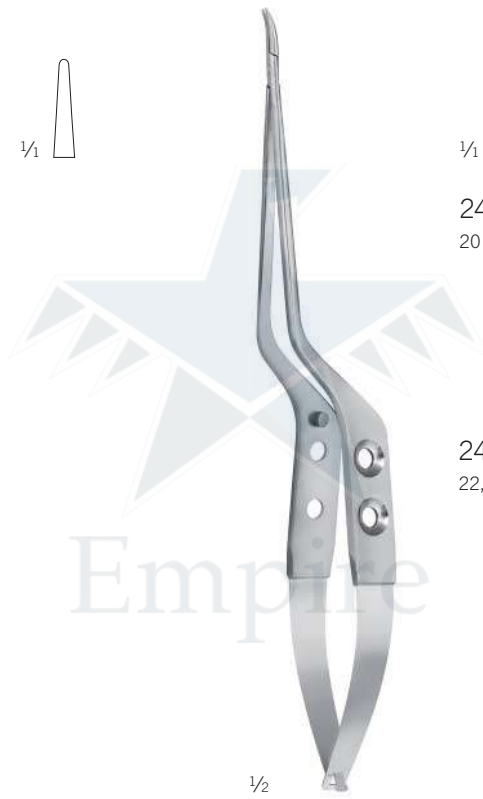
w/o ratchet  
sin trinquete  
sans cran d'arrêt  
senza arresto



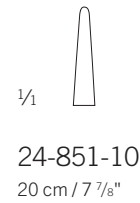
Jacobson  
24-851-02

18 cm / 7 1/8"

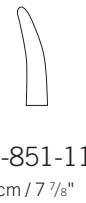
with ratchet  
con trinquete  
avec cran d'arrêt  
con arresto



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



24-851-10  
20 cm / 7 7/8"



24-851-11  
20 cm / 7 7/8"



24-851-12  
22,5 cm / 8 7/8"



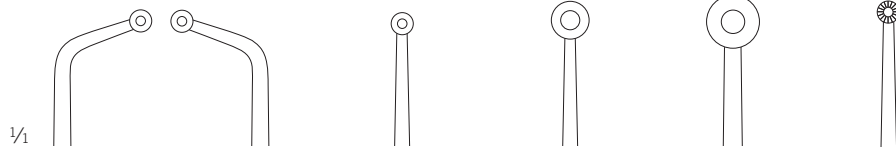
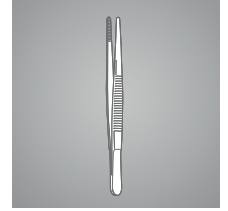
24-851-13  
22,5 cm / 8 7/8"

# Micro Forceps

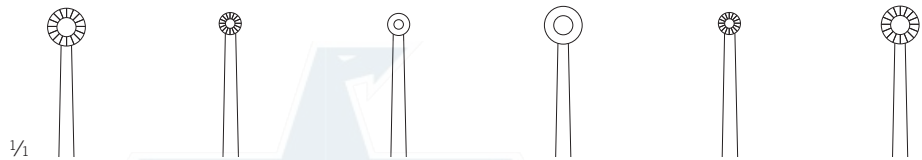
Micro-Pinzas  
Micro-Pinces  
Micro-Pinze

# Forceps

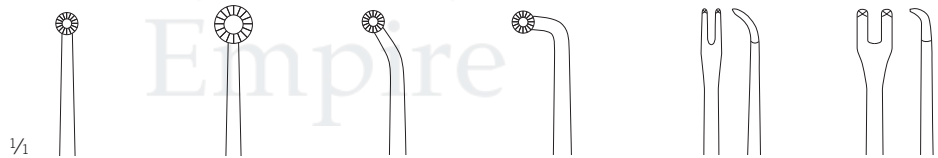
Pinzas  
Pinces  
Pinze



	Samii	Samii	Yasargil-Samii	Yasargil-Samii	Yasargil-Samii	Yasargil
	<b>3.0 mm</b>	<b>3.0 mm</b>	<b>3.0 mm</b>	<b>5.0 mm</b>	<b>7.0 mm</b>	<b>3.0 mm</b>
<b>16,5 cm / 6 5/8"</b>						24-852-20
<b>23 cm / 9"</b>	24-852-01	24-852-02				
<b>24 cm / 9 5/8"</b>			24-852-10	24-852-11	24-852-12	



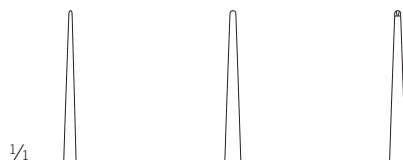
	Yasargil	Yasargil	Yasargil	Yasargil	Yasargil	Yasargil
	<b>5.0 mm</b>	<b>3.0 mm</b>	<b>3.0 mm</b>	<b>5.0 mm</b>	<b>3.0 mm</b>	<b>5.0 mm</b>
<b>16,5 cm / 6 5/8"</b>	24-852-21					
<b>20 cm / 7 7/8"</b>		24-852-22				
<b>22 cm / 8 5/8"</b>			24-852-23	24-852-24	24-852-25	24-852-267



	Heifetz	Heifetz	Yasargil	Yasargil	Yasargil	Yasargil
			<b>45°</b>	<b>90°</b>		
	<b>∅ 3.0 mm</b>	<b>∅ 5.0 mm</b>	<b>∅ 3.0 mm</b>	<b>∅ 3.0 mm</b>	<b>3.0 mm</b>	<b>5.0 mm</b>
<b>22 cm / 8 5/8"</b>	24-852-30	24-852-31	24-852-40	24-852-41	24-852-50	24-852-51



24-852-01 -  
24-852-78



	Yasargil	Yasargil	Yasargil
	<b>0.6 mm</b>	<b>0.9 mm</b>	
			<b>1:2</b>
<b>18 cm / 7 1/8"</b>	24-852-70	24-852-71	24-852-72
<b>20 cm / 7 7/8"</b>	24-852-73	24-852-74	
<b>22 cm / 8 5/8"</b>	24-852-75	24-852-76	
<b>24 cm / 9 5/8"</b>	24-852-77	24-852-78	



## Vascular Forceps

Pinzas de disección vascular  
Pinces à dissection vasculaires  
Pinze per dissezione vascolari

Atrauma



1,5 mm



1/2



1/2

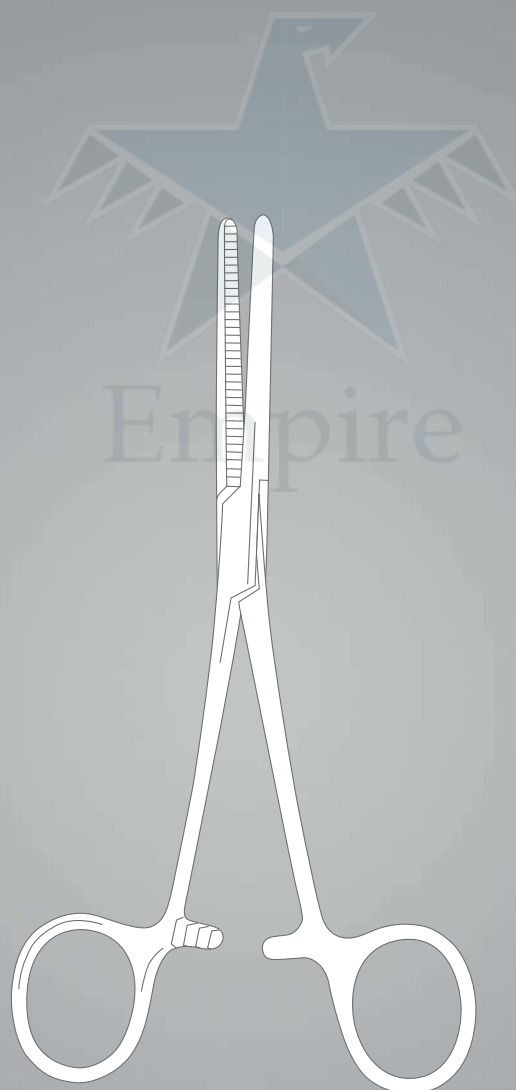
De Bakey  
24-384-16  
16 cm / 6 2/8"





# 13

Haemostatic Forceps  
Pinzas hemostáticas  
Pincès hémostatiques  
Pinze emostatiche



## Bulldog Clamps, Haemostatic Forceps

Clamps Bulldog, Pinzas hemostáticas  
Clamps Bulldog, Pinces hémostatiques  
Pinze Bulldog, Pinze emostatiche




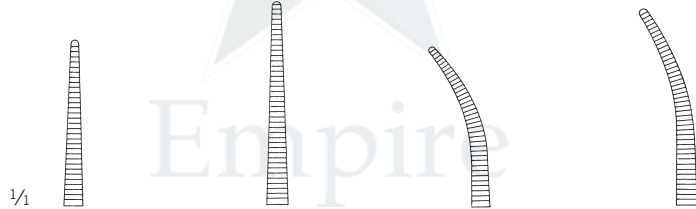
1/2

Diethrich  
13-120-08 -  
13-121-12



1/4

<b>St</b>	13-120-08	13-120-10	13-120-12	13-121-08	13-121-10	13-121-12
	45 mm	50 mm	60 mm	40 mm	45 mm	50 mm
	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
<b>P</b>	50 g	50 g	50 g	50 g	50 g	50 g



1/4

13-310-12  
12,5 cm / 4 7/8"

13-310-14  
14,5 cm / 5 6/8"

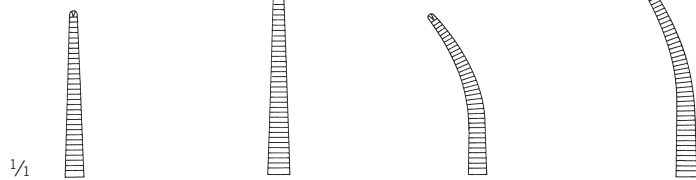
13-311-12  
12 cm / 4 6/8"

13-311-14  
14 cm / 5 4/8"



1/2

Halsted-Mosquito  
13-310-12 -  
13-313-14



1/4

13-312-12  
12,5 cm / 4 7/8"

13-312-14  
14,5 cm / 5 6/8"

13-313-12  
12,5 cm / 4 7/8"

13-313-14  
14,5 cm / 5 6/8"



1:2



1:2



1:2



1:2

## Haemostatic Forceps

Pinzas hemostáticas  
Pincas hémostatiques  
Pinze emostatiche

## Haemostatic Forceps

Pinzas hemostáticas  
Pincas hémostatiques  
Pinze emostatiche

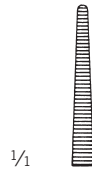


Ti



1/2

Halsted-Mosquito  
13-310-62 -  
13-313-62



1/1

13-310-62  
12,5 cm / 4 7/8"



13-311-62  
12 cm / 4 6/8"



13-312-62  
12 cm / 4 6/8"



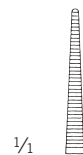
1:2



13-313-62  
12 cm / 4 6/8"



1:2



1/1

13-320-10  
10 cm / 3 7/8"



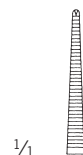
13-320-12  
12 cm / 4 6/8"



13-321-10  
10 cm / 3 7/8"



13-321-12  
12 cm / 4 6/8"



1/1

13-322-10  
10 cm / 3 7/8"



1:2



13-322-12  
12 cm / 4 6/8"



1:2



13-323-10  
10 cm / 3 7/8"



1:2



13-323-12  
12 cm / 4 6/8"



1:2



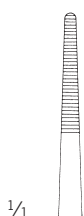
1/2

Mikro-Mosquito  
13-320-10 -  
13-323-12

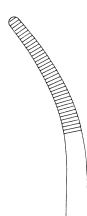
Empire

# Haemostatic Forceps

Pinzas hemostáticas  
Pincas hémostatiques  
Pinze emostatiche



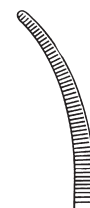
13-324-14  
14 cm / 5 4/8"



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



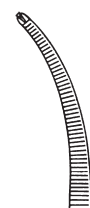
13-326-15  
15,5 cm / 6 1/8"



13-327-15  
15 cm / 5 7/8"



13-328-15  
15,5 cm / 6 1/8"



13-329-15  
15 cm / 5 7/8"

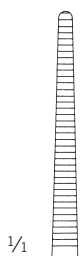


1:2



1:2

Leriche  
13-326-15 -  
13-329-15



1/4

Pean  
13-374-13  
13,5 cm / 5 3/8"



1/4

Pean (Rochester)  
13-410-16  
16,5 cm / 6 4/8"



1/4

24-438-12



24-439-12

De Bakey-Mosquito  
24-438-12 -  
24-439-12  
12,5 cm / 4 7/8"

## Haemostatic Forceps

Pinzas hemostáticas  
Pincas hémostatiques  
Pinze emostatiche

## Haemostatic Forceps

Pinzas hemostáticas  
Pincas hémostatiques  
Pinze emostatiche



1/2

Hartmann  
13-406-10 -  
13-407-10



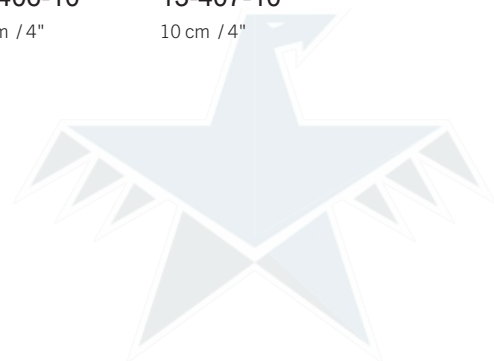
1:1

13-406-10  
10 cm / 4"



1:1

13-407-10  
10 cm / 4"



Empire



Kelly  
13-330-14 -  
13-331-64

1/4

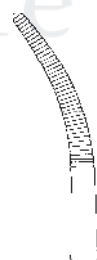


13-330-14  
14,5 cm / 5 7/8"



13-330-64  
14,5 cm / 5 7/8"

Ti



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



13-331-64  
14 cm / 5 4/8"

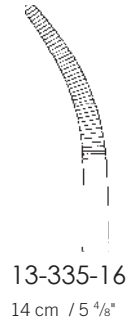
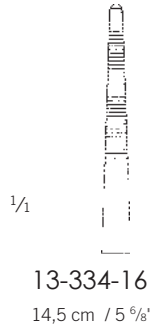
Ti

## Haemostatic Forceps

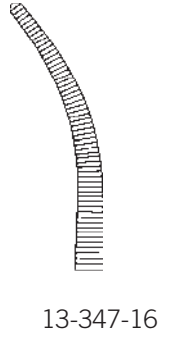
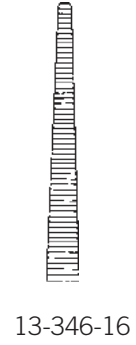
Pinzas hemostáticas  
Pinces hémostatiques  
Pinze emostatiche



Kelly-Rankin  
13-334-16 -  
13-335-16



Crile-Rankin  
13-346-16 -  
13-347-16  
16 cm / 6 2/8"

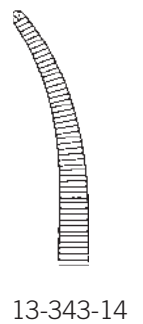
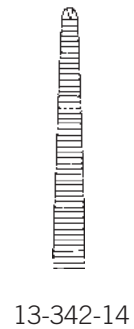
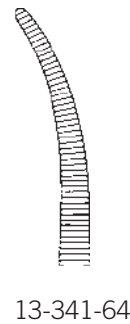
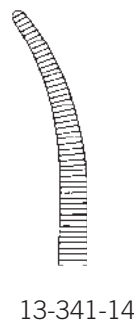
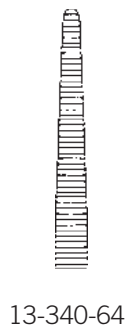
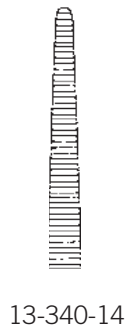


Empire



1/2

Crile  
13-340-14 -  
13-343-14  
14,5 cm / 5 5/8"



## Haemostatic Forceps

Pinzas hemostáticas  
Pinces hémostatiques  
Pinze emostatiche

## Haemostatic Forceps

Pinzas hemostáticas  
Pinces hémostatiques  
Pinze emostatiche



1/2

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

1/1



13-384-13  
13 cm / 5 1/8"



13-384-14  
14 cm / 5 4/8"



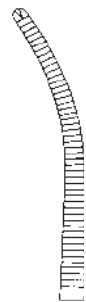
13-384-16  
16 cm / 6 2/8"



13-385-13  
13 cm / 5 1/8"



13-385-14  
14 cm / 5 4/8"



13-385-16  
16 cm / 6 2/8"



Empire



1/2

Dandy-Mosquito  
13-351-12

12 cm / 4 5/8"

laterally curved  
curva lateralmente  
courbe lateralement  
curva laterale

1/1

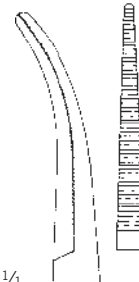


1/2

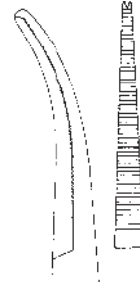
Dandy  
13-355-14 -  
13-357-14

laterally curved  
curva lateralmente  
courbe lateralement  
curva laterale

1/1



13-355-14  
14,5 cm / 5 6/8"

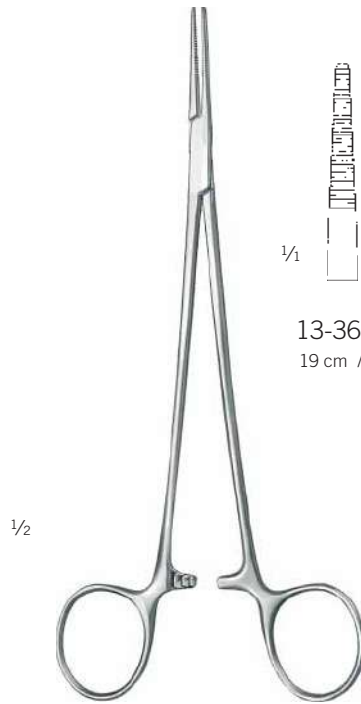


13-357-14  
14 cm / 5 4/8"



## Haemostatic Forceps

Pinzas hemostáticas  
Pinces hémostatiques  
Pinze emostatiche



Adson  
13-364-18 -  
13-365-18



13-364-18  
19 cm / 7 1/8"



13-365-18  
18,5 cm / 7 2/8"



Mikro-Adson  
13-304-14  
14 cm / 5 1/8"



Baby-Adson  
13-305-18  
18 cm / 7 1/8"



Mixer-Baby  
13-471-14  
13 cm / 5 1/8"

1/1



## Haemostatic Forceps

Pinzas hemostáticas  
Pincès hémostatiques  
Pinze emostatiche

## Haemostatic Forceps

Pinzas hemostáticas  
Pincès hémostatiques  
Pinze emostatiche



Allis-Baby  
30-130-12  
13 cm / 5 1/8"



Allis  
30-132-15 -  
30-134-25



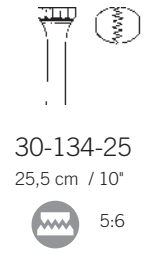
30-132-15  
15,5 cm / 6 1/8"



30-134-15  
15,5 cm / 6 1/8"



30-134-19  
19 cm / 7 4/8"



30-134-25  
25,5 cm / 10"



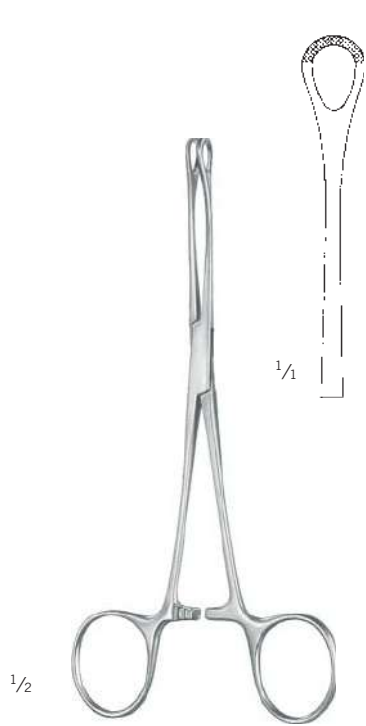
Allis-Adair  
30-138-15  
16 cm / 6 2/8"



Thoms-Allis  
30-150-20  
20,5 cm / 8 1/8"

## Haemostatic Forceps

Pinzas hemostáticas  
 Pinces hémostatiques  
 Pinze emostatiche



Williams  
 30-186-16  
 16,5 cm / 6 1/8"



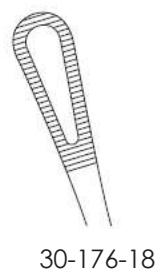
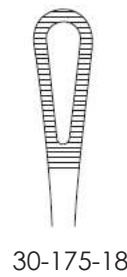
Lockwood  
 30-170-20  
 20 cm / 7 7/8"



Foerster (Ballenger)  
 Cotton Swab Forceps  
 Fórceps de algodón  
 Forceps de coton-tige  
 Pinza per tampone di cotone  
 18 cm / 7"

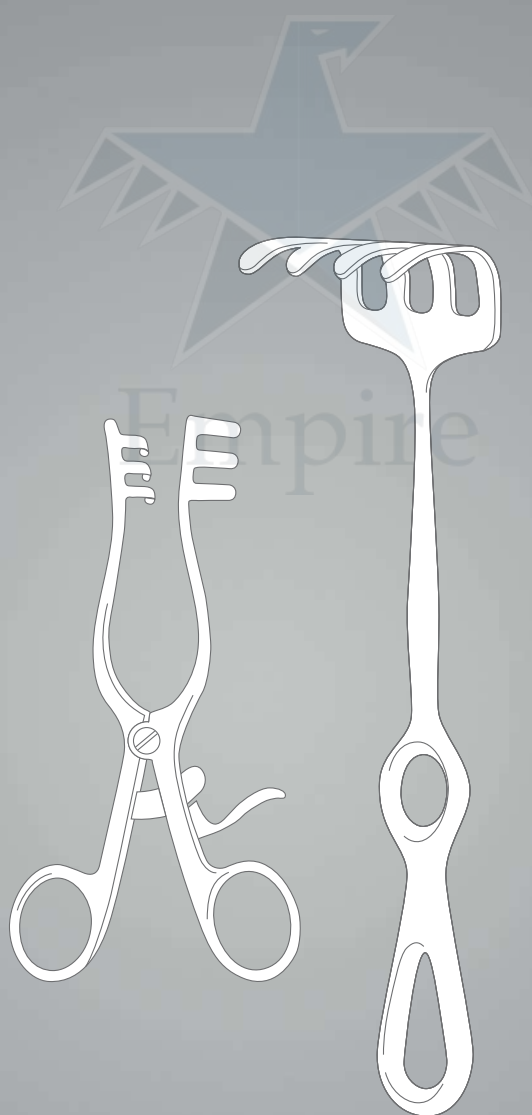


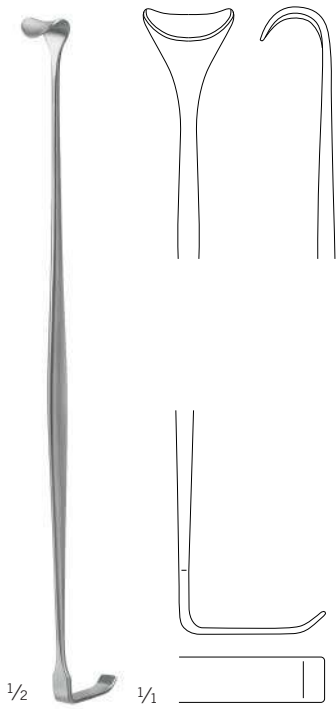
Rampley  
 Sponge Holding Forceps  
 Esponja con pinzas  
 Pince de maintien en éponge  
 Pinza per presa spugna  
 18 cm / 7"



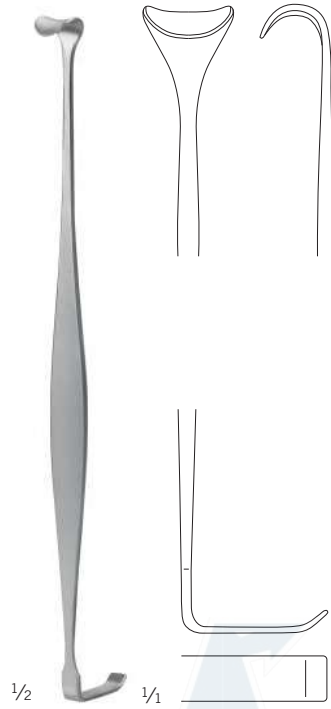
# 15

Retractors  
Separadores  
Ecarteurs  
Divaricatori





Cope  
15-055-01  
18 cm / 7 1/8"



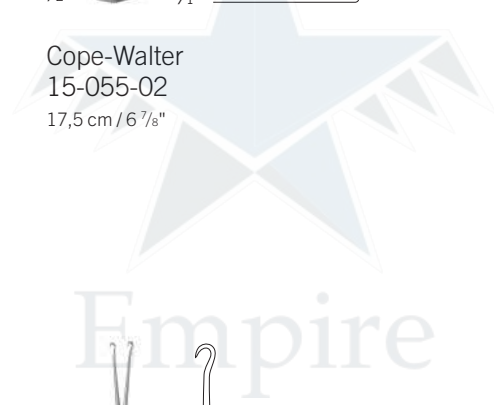
Cope-Walter  
15-055-02  
17,5 cm / 6 7/8"



Barsky  
15-056-01  
15 cm / 5 7/8"



Barsky  
15-056-02  
15 cm / 5 7/8"

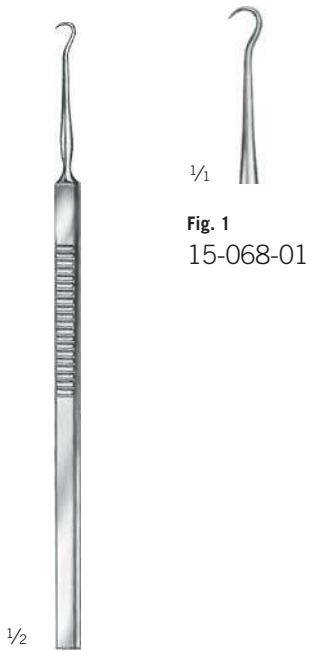


## Skin Hooks, Hooklets

Ganchitos de piel, Ganchitos  
Crochetes pour le peau, Crochetes  
Divaricatori per pelle, Divaricatori

## Retractors

Separadores  
Ecarteurs  
Divaricatori



1/2  
**Fig. 1**  
15-068-01



1/4  
**Fig. 2**  
15-068-02



1/4  
**Fig. 3**  
15-068-03

15-068-01 -  
15-068-03

16 cm / 6 2/8"

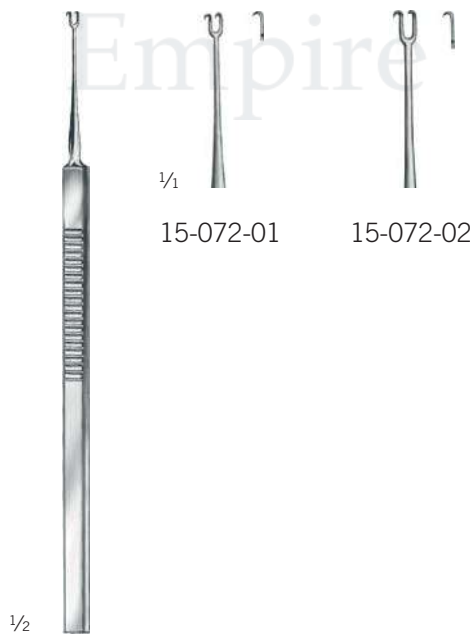
sharp  
agudo  
pointu  
acuto



1/2  
15-070-16

O'Connor  
15-070-16  
16 cm / 6 2/8"

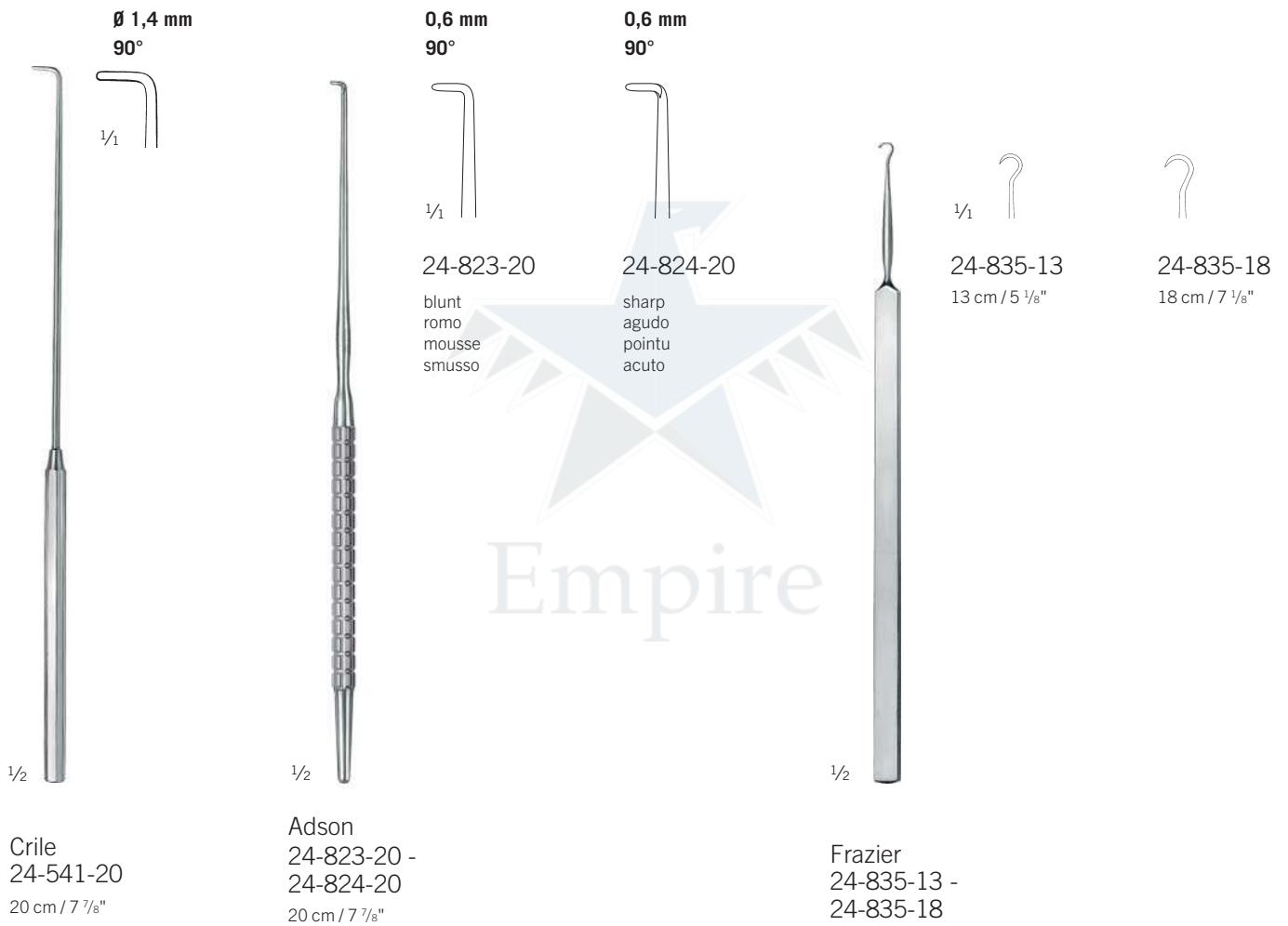
sharp  
agudo  
pointu  
acuto



1/2  
15-072-01      15-072-02

Guthrie  
15-072-01 -  
15-072-02  
16 cm / 6 2/8"

sharp  
agudo  
pointu  
acuto

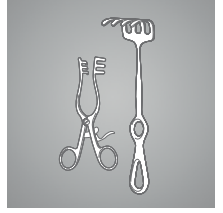


## Tracheal Hooks, Hooklets

Ganchos traqueales, Ganchitos  
 Ecarteurs pour trachéotomie, Crochetes  
 Uncini tracheali, Divaricatori

## Retractors

Separadores  
 Ecarteurs  
 Divaricatori



Jackson  
 27-155-17  
 18 cm / 7 1/8"



Jackson  
 27-156-15  
 15 cm / 6"



Lukens  
 27-157-17  
 17 cm / 6 2/3"



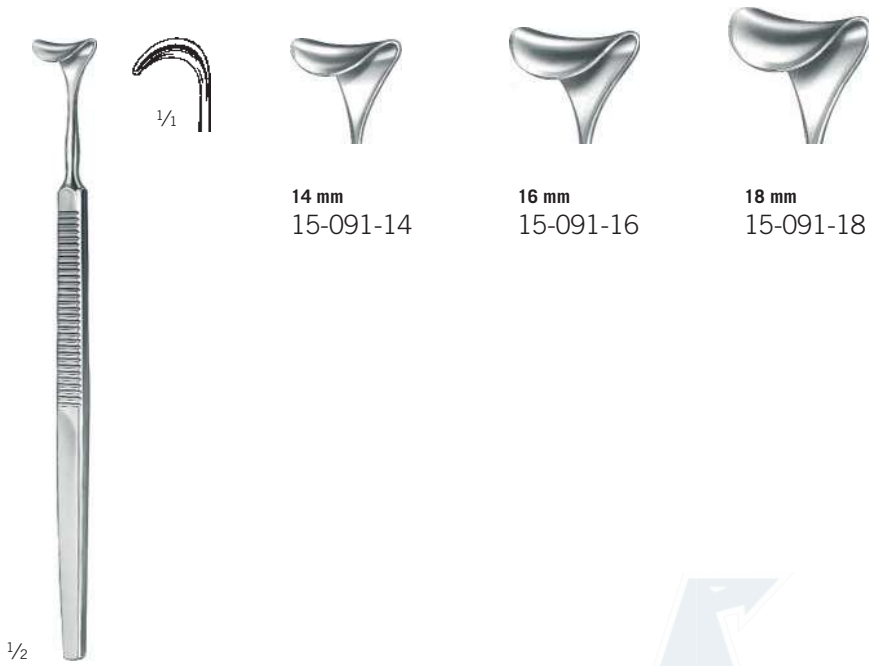
Knapp  
 27-158-16  
 16 cm / 6 1/4"  
 flexible, sharp  
 flexible, agudo  
 flexible, pointu  
 flessibile, acuto

flexible, sharp flexible, agudo flexible, pointu flessibile, acuto	15-078-02	15-078-03	15-078-04
flexible, blunt flexible, romo flexible, mousse flessibile, smusso	15-079-02	15-079-03	15-079-04

15-078-02 -  
 15-079-04  
 15,5 cm / 6 1/8"

## Saddle Hooks

Ganchos en forma de silla  
 Ecarteurs sous forme de selle  
 Divaricatori a forma di sella



Desmarres  
 15-091-14 -  
 15-091-18  
 16 cm / 6 2/8"



**Fig. 1**  
 15-151-01  
 blunt  
 romo  
 mousse  
 smusso  
**18 x 7 mm**

**Fig. 2**  
 15-151-02  
 toothed  
 dentadas  
 dentelés  
 dentate  
**16 x 5 mm**



**Fig. 3**  
 15-151-03  
 toothed  
 dentadas  
 dentelés  
 dentate  
**7 x 4 mm**



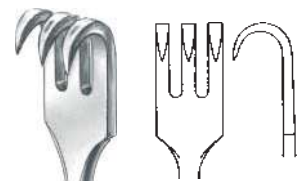
Meyerding  
 15-151-01 -  
 15-151-06  
 18 cm / 7 1/8"



**Fig. 4**  
 15-151-04  
 blunt  
 romo  
 mousse  
 smusso  
**12 x 4 mm**



**Fig. 5**  
 15-151-05  
 saddle shaped  
 forma de silla  
 sous forme de selle  
 forma di sella  
**8 x 4 mm**



**Fig. 6**  
 15-151-06  
 sharp  
 agudo  
 pointu  
 acuto  
**7 x 9 mm**

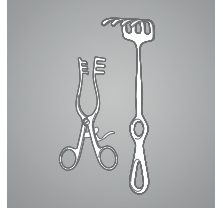


## Saddle Hooks, Retractors

Ganchos en forma de silla, Separadores  
Ecarteurs sous forme de selle, Ecarteurs  
Divaricatori a forma di sella, Divaricatori

## Retractors

Separadores  
Ecarteurs  
Divaricatori



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

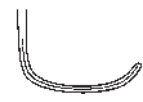


**Fig. 2**  
15-161-02  
10 x 6 mm



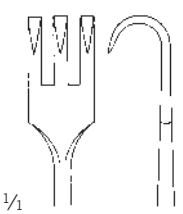
8 x 4,5 mm

15 x 5,5 mm



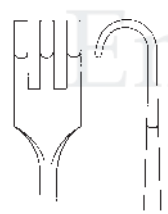
Senn-Green  
15-161-01 -  
15-161-02  
16 cm / 6 2/8"

Ragnell-Davis  
15-164-14  
15 cm / 5 7/8"



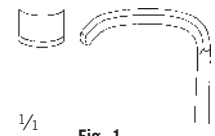
15-166-16  
sharp prongs  
garfios agudos  
dents pointus  
denti acuti

blades  
hojas  
lames  
lame  
20 x 7 mm

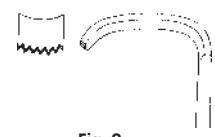


15-167-16  
blunt prongs  
garfios romos  
dents mousses  
denti smussi

blades  
hojas  
lames  
lame  
20 x 7 mm



**Fig. 1**  
15-191-01  
smooth blade end  
valva lisa  
extrémité de la lame lisse  
valva liscia



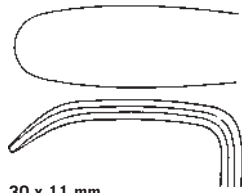
**Fig. 2**  
15-191-02  
toothed blade end  
vlava dentada  
extrémité de la lame dentelé  
valva dentada

Senn-Miller  
15-166-16 -  
15-167-16  
16 cm / 6 2/8"

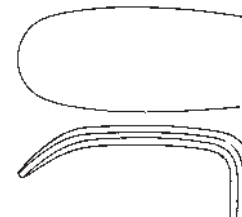
Strandell-Stille  
15-191-01 -  
15-191-02  
19 cm / 7 4/8"

**Retractors**

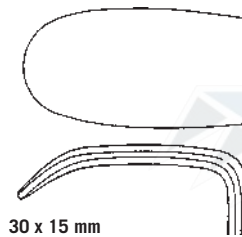
Separadores  
Ecarteurs  
Divaricatori



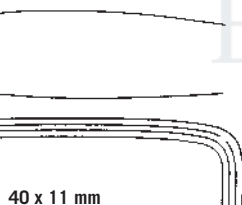
30 x 11 mm  
15-293-01



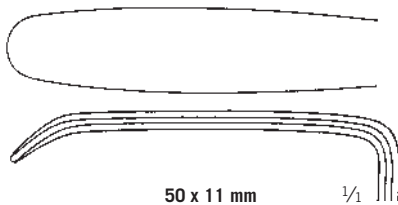
30 x 14 mm  
15-293-02



30 x 15 mm  
15-293-03



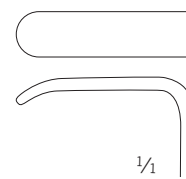
40 x 11 mm  
15-293-04



50 x 11 mm  
15-293-05



6 x 16 mm  
15-301-16



6 x 25 mm  
15-301-25



1/2

Langenbeck  
15-293-01 -  
15-293-05  
22 cm / 8 5/8"



1/2

Langenbeck-Green  
15-301-16 -  
15-301-25  
16 cm / 6 2/8"

## Retractors

Separadores  
Ecarteurs  
Divaricatori

## Retractors

Separadores  
Ecarteurs  
Divaricatori

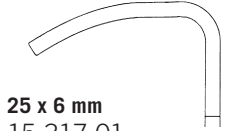


1/2

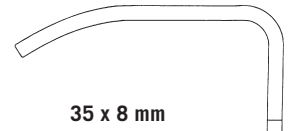
Kocher-Langenbeck  
15-317-01 -  
15-317-09  
21,5 cm / 8 1/8"



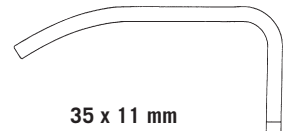
25 x 6 mm  
15-317-01



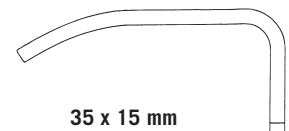
35 x 8 mm  
15-317-02



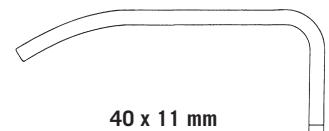
35 x 11 mm  
15-317-03



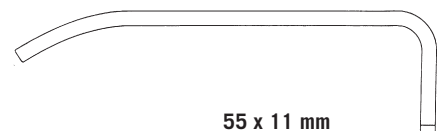
35 x 15 mm  
15-317-04



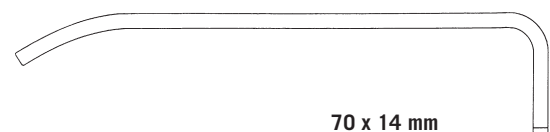
40 x 11 mm  
15-317-05



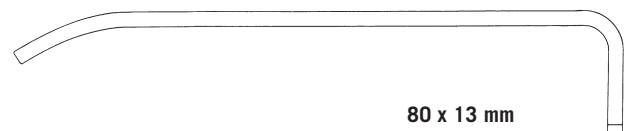
55 x 11 mm  
15-317-06



70 x 14 mm  
15-317-07



80 x 13 mm  
15-317-08








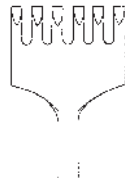




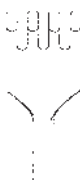
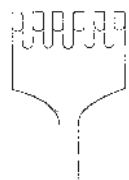
80 x 16 mm  
15-317-09

1/1



1/2

Volkmann  
15-220-01 -  
15-221-06  
22,5 cm / 8 7/8"

 <p>1/4</p>					
<p>scharf sharp agudo pointu acuto</p>	15-220-01	15-220-02	15-220-03	15-220-04	15-220-06
 <p>1/4</p>					
<p>stumpf blunt romo mousse smusso</p>	15-221-01	15-221-02	15-221-03	15-221-04	15-221-06

**Retractors**

Separadores  
Ecarteurs  
Divaricatori

**Retractors**

Separadores  
Ecarteurs  
Divaricatori



Freemann  
20,5 cm / 8 "  
blunt



Ferreira  
10 cm / 4 "  
15-676-31  
blunt



1/2

Farabeuf  
 15-663-00  
 12 cm / 4 5/8"



Fig. 1  
 26 x 10 mm / 30 x 13 mm

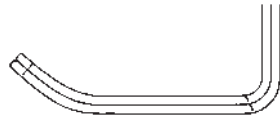


Fig. 2  
 30 x 10 mm / 34 x 13 mm

1/1



1/2

Farabeuf  
 15-665-00  
 15,5 cm / 6 1/8"

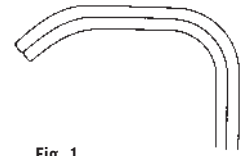
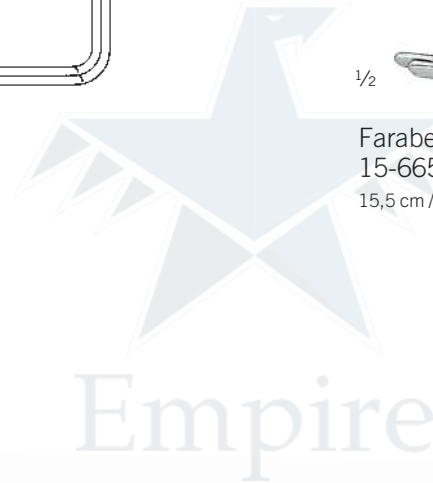


Fig. 1  
 23 x 16 mm / 26 x 16 mm

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



1/1



15-682-00

21.5 cm / 8 4/8"

## Retractors

Separadores  
Ecarteurs  
Divaricatori

## Retractors

Separadores  
Ecarteurs  
Divaricatori



### Toothed with fibre optic illumination

with irrigation tube

15-696-00	90 x 24 mm
15-696-01	90 x 30 mm
15-696-02	115 x 24 mm
15-696-03	150 x 36 mm
15-696-04	190 x 30 mm

Tebbetts  
15-696-00 -  
15-696-04  
18,5 cm / 7 2/8"

without irrigation tube

15-697-00	90 x 24 mm
15-697-01	90 x 30 mm
15-697-02	115 x 24 mm
15-697-03	150 x 36 mm
15-697-04	190 x 30 mm

Tebbetts  
15-697-00 -  
15-697-04  
18,5 cm / 7 2/8"

### Non-Toothed with fibre optic illumination

with irrigation tube

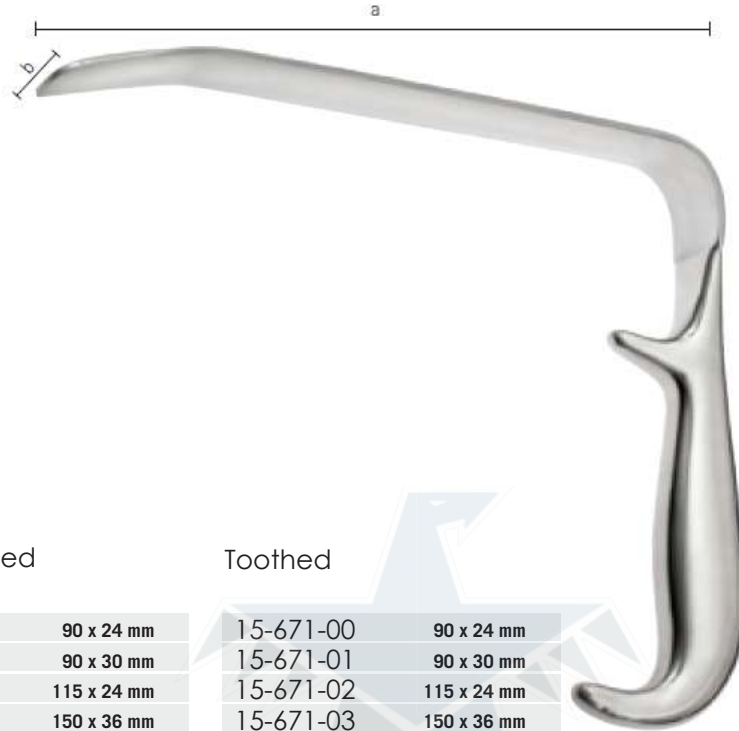
15-698-00	90 x 24 mm
15-698-01	90 x 30 mm
15-698-02	115 x 24 mm
15-698-03	150 x 36 mm
15-698-04	190 x 30 mm

Tebbetts  
15-698-00 -  
15-698-04  
18,5 cm / 7 2/8"

without irrigation tube

15-699-00	90 x 24 mm
15-699-01	90 x 30 mm
15-699-02	115 x 24 mm
15-699-03	150 x 36 mm
15-699-04	190 x 30 mm

Tebbetts  
15-699-00 -  
15-699-04  
18,5 cm / 7 2/8"



Non-Toothed

15-670-00	90 x 24 mm
15-670-01	90 x 30 mm
15-670-02	115 x 24 mm
15-670-03	150 x 36 mm
15-670-04	190 x 30 mm

Ferreira  
15-670-00 -  
15-670-04  
18,5 cm / 7 2/8"

Toothed

15-671-00	90 x 24 mm
15-671-01	90 x 30 mm
15-671-02	115 x 24 mm
15-671-03	150 x 36 mm
15-671-04	190 x 30 mm

Ferreira  
15-671-00 -  
15-671-04  
18,5 cm / 7 2/8"



MacCollum-Dingman  
15-676-31  
31,5 cm / 12 1/2"



Biggs  
15-674-23  
22,9 cm / 9"

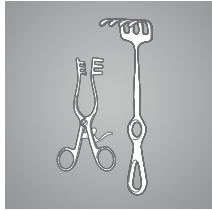


**Retractors**

Separadores  
Ecarteurs  
Divaricatori

**Retractors**

Separadores  
Ecarteurs  
Divaricatori



Sculpo Breast Retractor  
15-690-32

31,5 cm / 12 1/2"

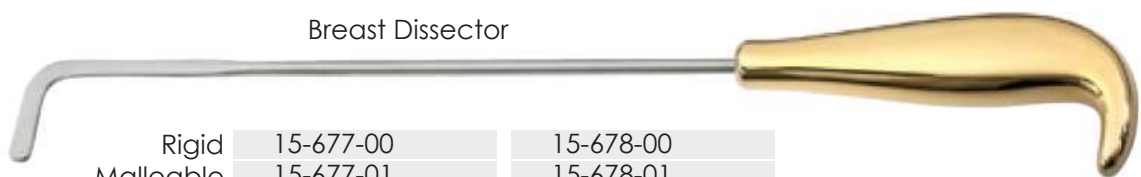
18cm x 10mm



Breast Spatula

Semi-Rigid 15-681-00  
33 cm / 13"

Empire



Breast Dissector

Rigid	15-677-00	15-678-00
Malleable	15-677-01	15-678-01
Shaft-Insulated	15-677-02	15-678-02

15-677-00 - 15-677-02	15-678-00 - 15-678-02
33 cm / 13"	42 cm / 16 1/2"



Rigid	15-679-00	15-680-00
Malleable	15-679-01	15-680-01
Shaft-Insulated	15-679-02	15-680-02

15-679-00 - 15-679-02	15-680-00 - 15-680-02
33 cm / 13"	42 cm / 16 1/2"

## Wound spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



1/2

Finsen  
15-700-05 -  
15-703-07



1/4

15-700-05

5 cm / 2"

sharp  
agudo  
pointu  
acuto



2:3



16 mm



15-701-05

5 cm / 2"

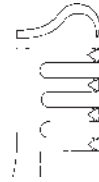
blunt  
romo  
mousse  
smusso



2:3



16 mm



15-702-07

7 cm / 2 5/8"

sharp  
agudo  
pointu  
acuto



3:4



20 mm



15-703-07

7 cm / 2 5/8"

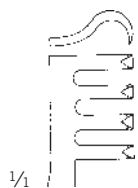
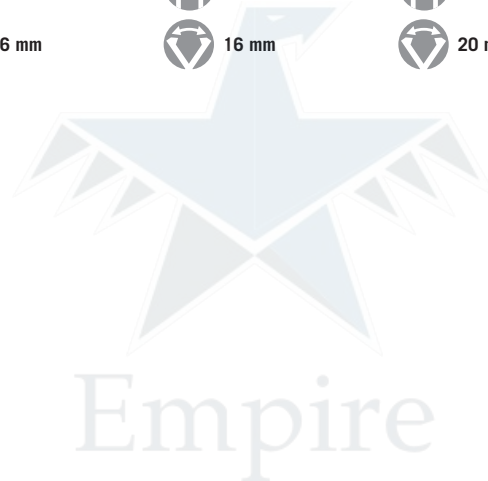
blunt  
romo  
mousse  
smusso



3:4



20 mm



1/4

15-704-07

with adjusting screw, sharp  
con tornillo de ajuste, agudo  
avec vis d'ajustage, pointu  
con vite di arresto, acuto



3:4



30 mm



15-705-07

with adjusting screw, blunt  
con tornillo de ajuste, romo  
avec vis d'ajustage, mousse  
con vite di arresto, smusso



3:4



30 mm



1/2

Finsen-Martin  
15-704-07 -  
15-705-07  
7,5 cm / 3"

## Spring spreaders

Separadores muell.

Écarteurs ressorts

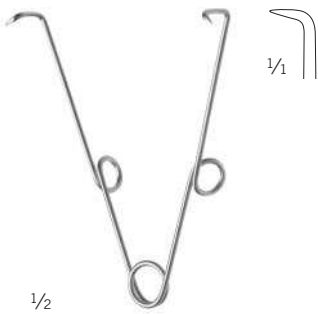
Divaricatori molli

## Retractors

Separadores

Écarteurs

Divaricatori

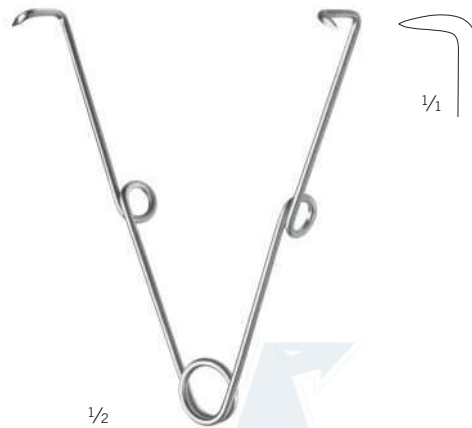


1/2

15-709-00

8,5 cm / 3 3/8"

sharp  
agudo  
pointu  
acuto

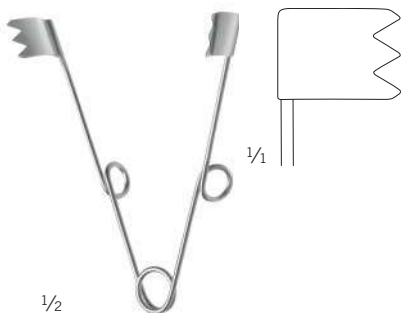


1/2

15-709-01

11,5 cm / 4 1/8"

sharp  
agudo  
pointu  
acuto

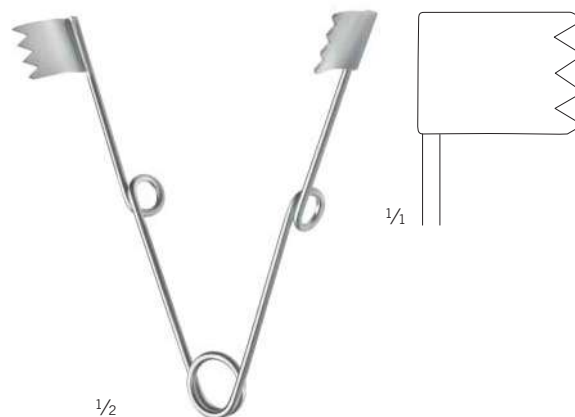


1/2

15-709-02

8,5 cm / 3 3/8"

blunt  
romo  
mousse  
smusso



1/2

15-709-03

11,5 cm / 4 1/8"

sharp  
agudo  
pointu  
acuto



1/2

15-709-04

8,5 cm / 3 3/8"

sharp  
agudo  
pointu  
acuto



Empire

## Wound Speraders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



1/2

Alm

15-714-07 -  
15-715-10

with adjusting screw  
con tornillo de ajuste  
avec vis d'ajustage  
con vite di arresto



1/4

15-714-07

7 cm / 2 9/16"

sharp  
agudo  
pointu  
acuto



4:4



55 mm



15-714-10

10 cm / 3 7/8"

sharp  
agudo  
pointu  
acuto



4:4



70 mm



15-715-07

7 cm / 2 9/16"

blunt  
romo  
mousse  
smusso



4:4



55 mm



15-715-10

10 cm / 3 7/8"

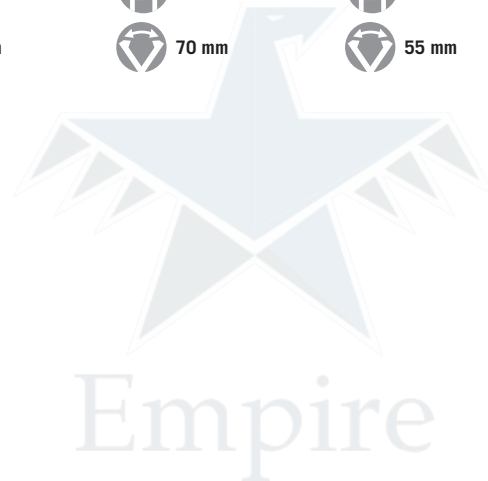
blunt  
romo  
mousse  
smusso



4:4



70 mm



1/4

blunt  
romo  
mousse  
smusso



4:4



24 mm

1/2

Holtzheimer  
15-717-10

10 cm / 3 7/8"

## Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

## Retractors

Separadores

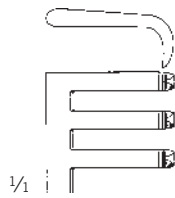
Ecarteurs

Divaricatori



1/2

Weitlaner  
15-747-10 -  
15-749-10  
11 cm / 4 3/8"



1/1

15-747-10

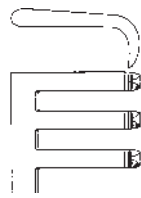
sharp  
agudo  
pointu  
acuto



2:3



40 mm



15-748-10

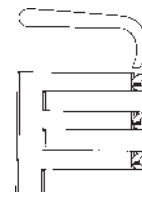
semi-sharp  
semi-agudo  
semi-pointu  
semi acuto



2:3



40 mm



15-749-10

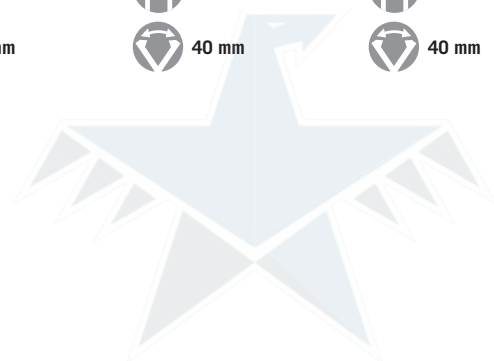
blunt  
romo  
mousse  
smusse



2:3



40 mm

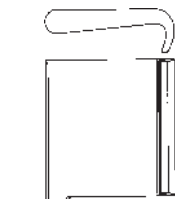


Empire



1/2

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



1/1



50 mm



Belucci  
15-780-13  
13 cm / 5"  
left, blunt



Belucci  
15-781-13  
13 cm / 5"  
right, blunt



Gorney  
15-780-07

7,5 cm /3 "  
38mm width

sharp  
agudo  
pointu  
acuto



Freeman  
15-781-10

10,0 cm /4 "  
22mm width

sharp  
agudo  
pointu  
acuto



Freeman  
15-782-10

10,0 cm /4 "  
38mm width

sharp  
agudo  
pointu  
acuto

## Retractors

Separadores  
Ecarteurs  
Divaricatori

## Retractors

Separadores  
Ecarteurs  
Divaricatori



Freeman  
15-783-10

18,0 cm / 7 "  
22mm width

sharp  
agudo  
pointu  
acuto



Freeman  
15-784-10

18,0 cm / 7 "  
38mm width

sharp  
agudo  
pointu  
acuto



Yancoskie  
15-785-19

19,0 cm / 7 1/2 "  
15cm width

sharp  
agudo  
pointu  
acuto



Coronal lift  
15-786-21

21,0 cm / 8 2/8 "  
15cm width

sharp  
agudo  
pointu  
acuto

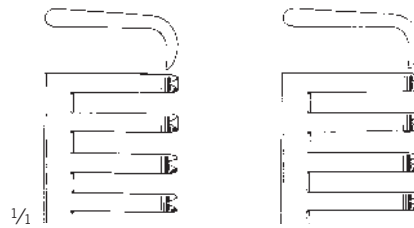
Empire


## Wound Spreaders, self-retaining

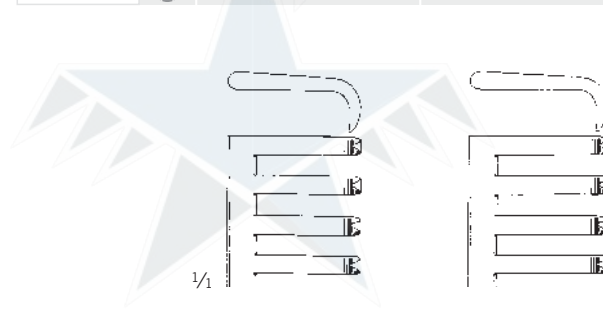
Separadores autoestáticos



Ecarteurs autostatiques

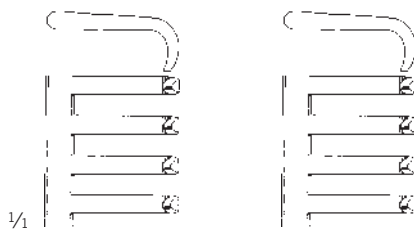
Divaricatori autostatici





	15-750-13	15-750-16
	13,5 cm / 5 <sup>3</sup> / <sub>8</sub> "	16 cm / 6 <sup>2</sup> / <sub>8</sub> "
sharp agudo pointu acuto	 <b>43 mm</b>	<b>83 mm</b>
	 <b>3:4</b>	<b>3:4</b>



	15-750-14	15-750-17
	13,5 cm / 5 <sup>3</sup> / <sub>8</sub> "	16 cm / 6 <sup>2</sup> / <sub>8</sub> "
semi-sharp semi-agudo semi-pointu semi acuto	 <b>43 mm</b>	<b>83 mm</b>
	 <b>3:4</b>	<b>3:4</b>



	15-751-13	15-751-16
	13,5 cm / 5 <sup>3</sup> / <sub>8</sub> "	16 cm / 6 <sup>2</sup> / <sub>8</sub> "
blunt romo mousse smusso	 <b>43 mm</b>	<b>83 mm</b>
	 <b>3:4</b>	<b>3:4</b>



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



## Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

## Retractors

Separadores

Ecarteurs

Divaricatori



1/2

### Vickers Low-Profile 15-792-00

6 cm / 2 3/8"

complete, with central blade ref.  
completo, con valva central ref.  
complet, avec valve centrale réf.  
completo, con valva centrale rif.  
**15-792-01**

blunt  
romo  
mousse  
smusso



2:2



25 mm



1/2

### Vickers Low-Profile 15-793-00

9 cm / 3 4/8"

complete, with central blade ref.  
completo, con valva central ref.  
complet, avec valve centrale réf.  
completo, con valva centrale rif.  
**15-792-01**

blunt  
romo  
mousse  
smusso



3:3



30 mm



1/2

### Vickers Low-Profile 15-794-00

7,5 cm / 3"

complete, with central blade ref.  
completo, con valva central ref.  
complet, avec valve centrale réf.  
completo, con valva centrale rif.  
**15-792-01**



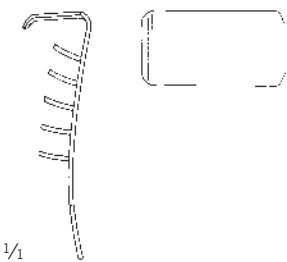
25 mm

### 15-794-90

Spring  
Pluma  
Plume  
Piuma



**15-794-00**

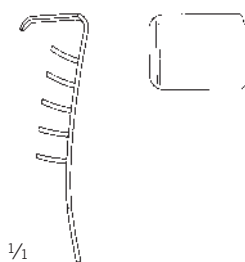


1/1

### 15-792-01

Central Blades  
Valvas centrales  
Valves centrales  
Valve centrali

**10 x 18 mm**



1/1

### 15-792-02

Central Blades  
Valvas centrales  
Valves centrales  
Valve centrali

**10 x 12 mm**



1/1

### Vickers 15-798-01

5 cm / 3"

blunt, ring model, for thumb and fingers  
romo, forma de anillo, para pulgar y dedos  
mousse, modèle anneau, pour pouce et doigts  
smusso, modello anulare, per pollice e le dita



**15-792-00,  
15-793-00,  
15-794-00,**



**15-792-00,  
15-793-00,  
15-794-00,**

## Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



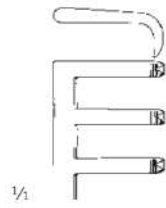
1/2

Weitlaner-Wullstein

15-752-13 -

15-753-13

13 cm / 5 1/8"



1/2

15-752-13

scharf  
sharp  
agudo  
pointu  
acuto



3:3



40 mm



15-753-13

stumpf  
blunt  
romo  
mousse  
smusso



3:3



40 mm

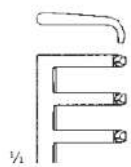


1/2

Milligan

15-765-13

13,5 cm / 5 3/8"



1/2

stumpf  
blunt  
romo  
mousse  
smusso



3:3



40 mm



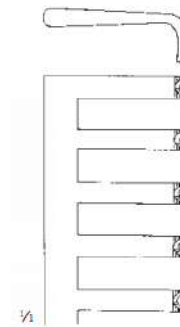
1/2

Travers

15-733-21

21,5 cm / 8 4/8"

stumpf  
blunt  
romo  
mousse  
smusso



1/2



4:5



95 mm

## Hand arthroscopy System

Juego para artroscopia de la mano  
Système pour arthroscopie de la main  
Sistema per artroscopia della mano

## Retractors

Separadores  
Ecarteurs  
Divaricatori



15-910-63

Hand immobilizer for hand arthroscopy, sterilizable  
Inmovilizador de mano para artroscopia de muñeca, esterilizable  
Dispositif d'immobilisation pour arthroscopie de la main, stérilisable  
Dispositivo di fissaggio mano per artroscopia della mano, sterilizzabile



15-910-61

Vertical bar for horizontal placement  
Barra vertical para posicionamiento horizontal  
Barre verticale pour positionnement horizontal  
Barra verticale per posizionamento orizzontale  
**40 cm**



22-596-01 small  
22-596-02 medium  
22-596-03 large

Finger extension sleeve, autoclavable  
Malla metálica, esterilizable en autoclave  
Manchon d'extension de doigt, autoclavable  
Maglia metallica, autoclavabile

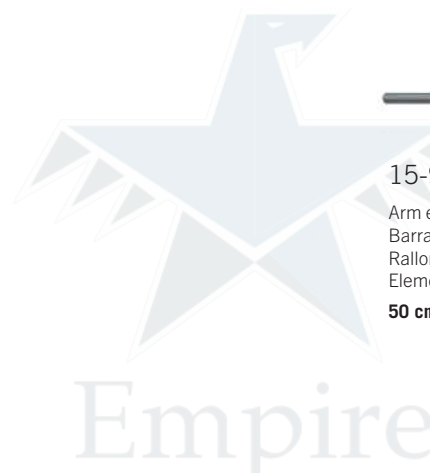


15-910-60

Arm extension, short  
Barra de extensión, corta  
Rallonge courte  
Elemento di prolunga corto  
**50 cm**

15-910-60

Arm extension, long  
Barra de extensión, larga  
Rallonge longue  
Elemento di prolunga lungo  
**65 cm**



15-910-62

Horizontal suspension bar for finger extension sleeves  
Estribo de fijación para fundas de tracción digital  
Barre de fixation horizontale pour manchons d'extension de doigt  
Staffa di sospensione per boccole di estensione delle dita



15-910-64

Vertical bar for hand arthroscopy, with ball joint  
Barra vertical con junta de rótula para artroscopia de muñeca  
Barre verticale pour arthroscopie de la main avec articulation sphérique  
Barra verticale per artroscopia della mano con giunto sferico  
**46 cm**



15-910-52

Fixation clamp, non-insulated  
Prensa de fijación, no aislada  
Bride de fixation de table, non isolée  
Morsetto di fissaggio, non isolato



15-910-59

Main support arm for hand arthroscopy  
Barra de soporte central para artroscopia de muñeca  
Barre de support de base pour arthroscopie de la main  
Barra di supporto di base per artroscopia della mano  
**Ø 16 mm**

**Set recommendations**
**Vertical positioning**

Item No.	System components
<b>15-910-03</b>	<b>Set complete consisting of:</b>
15-910-52	Fixation clamp, non-insulated
15-910-59	Main support arm
15-910-60	Arm extension
15-910-63	Hand immobilizer
15-910-64	Vertical bar with ball joint

**Horizontal positioning**

Item No.	System components
15-910-52	Fixation clamp, non-insulated
15-910-59	Main support arm
15-910-61	Vertical bar
15-910-63	Hand immobilizer
15-910-64	Vertical bar with ball joint

**Recomendaciones de set**
**Almacenamiento vertical**

N.º ref.	Componentes del sistema
<b>15-910-03</b>	<b>Set completo compuesto de:</b>
15-910-52	Prensa de fijación, no aislada
15-910-59	Barra de soporte central
15-910-60	Barra de extensión
15-910-63	Inmovilizador de mano
15-910-64	Barra vertical con junta de rótula

**Almacenamiento horizontal**

N.º ref.	Componentes del sistema
15-910-52	Prensa de fijación, no aislada
15-910-59	Barra de soporte central
15-910-61	Barra vertical
15-910-63	Inmovilizador de mano
15-910-64	Barra vertical con junta de rótula

**Sets recommandés**
**Stockage vertical**

Réf.	Composants du système
<b>15-910-03</b>	<b>Set complet, composé de:</b>
15-910-52	Bride de fixation de table, non isolée
15-910-59	Barre de support de base
15-910-60	Rallonge
15-910-63	Dispositif d'immobilisation
15-910-64	Barre verticale avec articulation sphérique

**Stockage horizontal**

Réf.	Composants du système
15-910-52	Bride de fixation de table, non isolée
15-910-59	Barre de support de base
15-910-61	Barre verticale
15-910-63	Dispositif d'immobilisation
15-910-64	Barre verticale avec articulation sphérique

**Suggerimenti per le composizioni**
**Stoccaggio verticale**

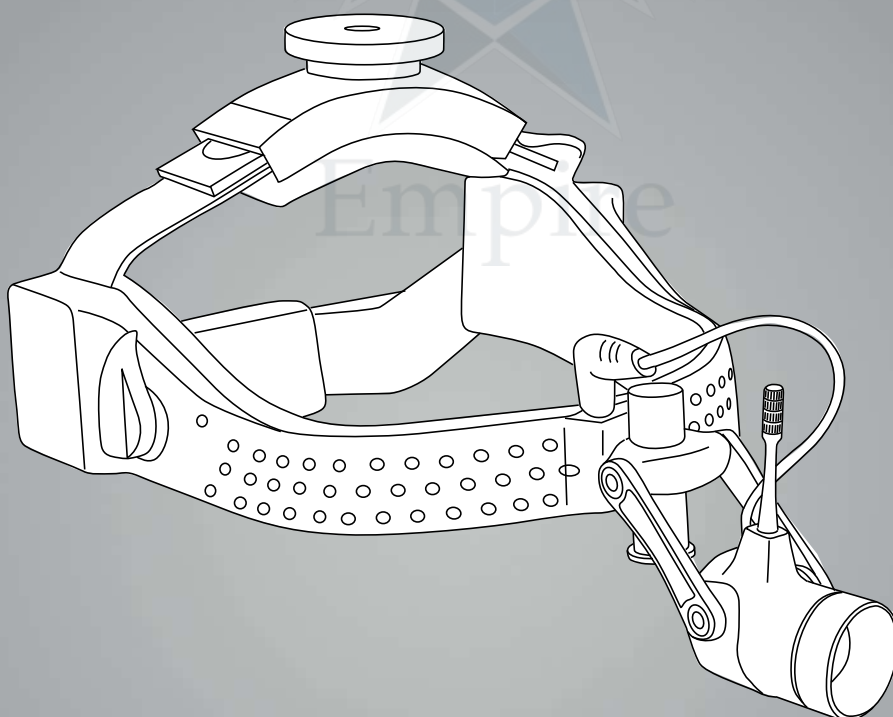
Codice art.	Componenti del sistema
<b>15-910-03</b>	<b>Set completo, composto di:</b>
15-910-52	Morsetto di fissaggio, non isolato
15-910-59	Barra di supporto di base
15-910-60	Elemento di prolunga
15-910-63	Dispositivo di fissaggio
15-910-64	Barra verticale con giunto sferico

**Stoccaggio orizzontale**

Codice art.	Componenti del sistema
15-910-52	Morsetto di fissaggio, non isolato
15-910-59	Barra di supporto di base
15-910-61	Barra verticale
15-910-63	Dispositivo di fissaggio
15-910-64	Barra verticale con giunto sferico

# 17

Diagnostics  
Diagnóstico  
Diagnostic  
Diagnostica





**Special Products**

Produits spéciaux

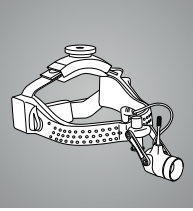
Prodotti speciali

Productos especiales



**Diagnostics**

Diagnóstico  
Diagnostic  
Diagnostica





1/2

Carroll  
17-408-01  
14,5 cm / 5 6/8"

Finger Goniometer  
Goniómetro para dedos  
Goniomètres pour doigts  
Goniometro per dita



1/2

Ruler, steel  
Regla acero  
Règle de mesure acier  
Misuratore acciaio

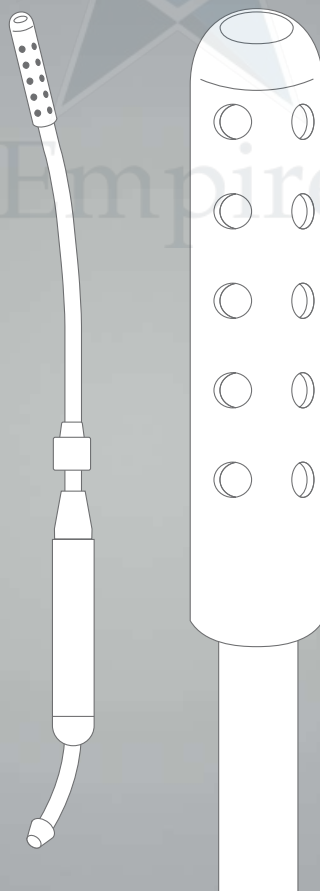
graduated in mm and inches  
graduada en mm y pulgadas  
divisé en mm et pouces  
diviso in millimetri e pollici

	17-412-15	17-412-20	17-412-30	17-412-50
measuring range up to alcance de medición pour mesurer jusqu'à per misurare fino a	150 mm	200 mm	300 mm	500 mm



# 18

Suction Tubes, Cannulas  
Tubos de Aspiración, Cánulas  
Tubes d'aspiration, Canules  
Tubi d'aspirazione, Cannule





1/2

18-100-00

Handle, FC, w. slide valve  
Mango, CR, con válvula deslizante  
Poignée, FR, avec soupape  
Manico, AR, c/valvola scorrevole



1/2

18-100-01

Handle, FC, w. finger stop  
Mango, CR, con bloqueo manual  
Poignée, FR, avec commande au doigt  
Manico, AR, c/Finger Stop



1/2

18-100-02

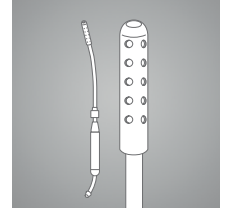
Handle, FC, w/o. finger stop  
Mango, CR, sin bloqueo manual  
Poignée, FR, sans commande au doigt  
Manico, AR, s/Finger Stop

## Handles

Mangos  
Manches  
Manici

## Trocars, Suction Tubes, Cannulas

Trócares, Tubos de Aspiración, Cánulas  
Trocarts, Tubes d'aspiration, Canules  
Trequarti, Tubi d'aspirazione, Cannule



1/2

18-100-03

Handle, LL, w. slide valve  
Mango, LL, con válvula deslizando  
Poignée, LL, avec soupape  
Manico, LL, c/valvola scorrevole



1/2

18-100-04

Handle, LL, w. finger stop  
Mango, LL, con bloqueo manual  
Poignée, LL, avec commande au doigt  
Manico, LL, c/Finger Stop



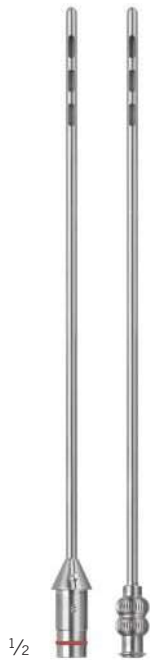
1/2

18-100-05

Handle, LL, w/o. finger stop  
Mango, LL, sin bloqueo manual  
Poignée, LL, sans commande au doigt  
Manico, LL, s/Finger Stop

## Cannulas

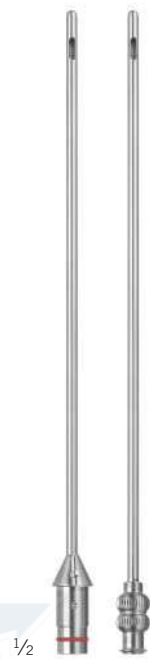
Cánulas  
Canules  
Cannule



1/2  
18-100-10 -  
18-100-25

Cannula, Lipo, Triport  
Cánula, Lipo, Triport  
Canule, Lipo, Triport  
Cannula, Lipo, Triport

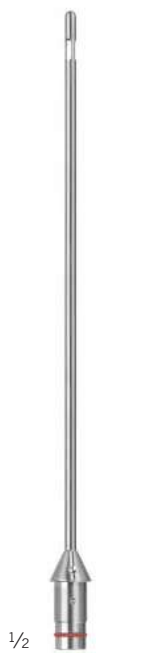
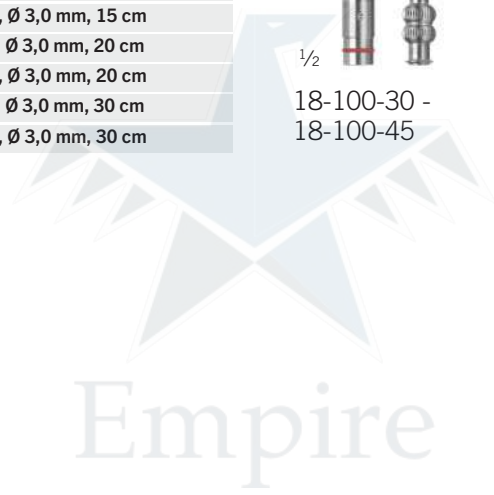
18-100-10	LL, Ø 1,7 mm, 5 cm
18-100-11	SV, Ø 1,7 mm, 5 cm
18-100-12	LL, Ø 1,7 mm, 15 cm
18-100-13	SV, Ø 1,7 mm, 15 cm
18-100-14	LL, Ø 2,0 mm, 5 cm
18-100-15	SV, Ø 2,0 mm, 5 cm
18-100-16	LL, Ø 2,0 mm, 15 cm
18-100-17	SV, Ø 2,0 mm, 15 cm
18-100-18	LL, Ø 3,0 mm, 5 cm
18-100-19	SV, Ø 3,0 mm, 5 cm
18-100-20	LL, Ø 3,0 mm, 15 cm
18-100-21	SV, Ø 3,0 mm, 15 cm
18-100-22	LL, Ø 3,0 mm, 20 cm
18-100-23	SV, Ø 3,0 mm, 20 cm
18-100-24	LL, Ø 3,0 mm, 30 cm
18-100-25	SV, Ø 3,0 mm, 30 cm



1/2  
18-100-30 -  
18-100-45

Cannula, Lipo, Monoport  
Cánula, Lipo, Monoport  
Canule, Lipo, Monoport  
Cannula, Lipo, Monoport

18-100-30	LL, Ø 1,7 mm, 5 cm
18-100-31	SV, Ø 1,7 mm, 5 cm
18-100-32	LL, Ø 1,7 mm, 15 cm
18-100-33	SV, Ø 1,7 mm, 15 cm
18-100-34	LL, Ø 2,0 mm, 5 cm
18-100-35	SV, Ø 2,0 mm, 5 cm
18-100-36	LL, Ø 2,0 mm, 15 cm
18-100-37	SV, Ø 2,0 mm, 15 cm
18-100-38	LL, Ø 3,0 mm, 5 cm
18-100-39	SV, Ø 3,0 mm, 5 cm
18-100-40	LL, Ø 3,0 mm, 15 cm
18-100-41	SV, Ø 3,0 mm, 15 cm
18-100-42	LL, Ø 3,0 mm, 20 cm
18-100-43	SV, Ø 3,0 mm, 20 cm
18-100-44	LL, Ø 3,0 mm, 30 cm
18-100-45	SV, Ø 3,0 mm, 30 cm



1/2  
18-100-50 -  
18-100-55

Cannula, Lipo, Mercedes  
Cánula, Lipo, Mercedes  
Canule, Lipo, Mercedes  
Cannula, Lipo, Mercedes

18-100-50	SV, Ø 3,0 mm, 15 cm
18-100-51	SV, Ø 3,0 mm, 20 cm
18-100-52	SV, Ø 3,0 mm, 25 cm
18-100-53	SV, Ø 4,0 mm, 15 cm
18-100-54	SV, Ø 4,0 mm, 20 cm
18-100-55	SV, Ø 4,0 mm, 25 cm



1/2  
18-100-60 -  
18-100-68

Cannula, Lipo, Spirale  
Cánula, Lipo, Spirale  
Canule, Lipo, Spirale  
Cannula, Lipo, Spirale

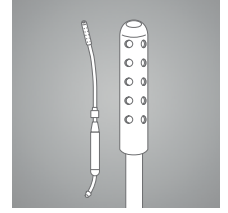
18-100-60	SV, Ø 3,0 mm, 20 cm
18-100-61	SV, Ø 3,0 mm, 30 cm
18-100-62	SV, Ø 4,0 mm, 20 cm
18-100-63	SV, Ø 4,0 mm, 30 cm
18-100-64	SV, Ø 4,0 mm, 40 cm
18-100-65	SV, Ø 5,0 mm, 30 cm
18-100-66	SV, Ø 5,0 mm, 40 cm
18-100-67	SV, Ø 6,0 mm, 30 cm
18-100-68	SV, Ø 6,0 mm, 40 cm

## Cannulas

Cánulas  
Canules  
Cannule

## Trochars, Suction Tubes, Cannulas

Trócares, Tubos de Aspiración, Cánulas  
Trocart, Tubes d'aspiration, Canules  
Trequarti, Tubi d'aspirazione, Cannule



1/2

18-100-70 -  
18-100-81

Cannula, Lipo, Shark  
Cánula, Lipo, Shark  
Canule, Lipo, Shark  
Cannula, Lipo, Shark

18-100-70	SV, Ø 2,0 mm, 5 cm
18-100-71	SV, Ø 2,0 mm, 15 cm
18-100-72	SV, Ø 3,0 mm, 5 cm
18-100-73	SV, Ø 3,0 mm, 15 cm
18-100-74	SV, Ø 3,0 mm, 25 cm
18-100-75	SV, Ø 3,0 mm, 30 cm
18-100-76	SV, Ø 4,0 mm, 5 cm
18-100-77	SV, Ø 4,0 mm, 15 cm
18-100-78	SV, Ø 4,0 mm, 25 cm
18-100-79	SV, Ø 4,0 mm, 30 cm
18-100-80	SV, Ø 5,0 mm, 30 cm
18-100-81	SV, Ø 6,0 mm, 30 cm



1/2

18-100-90 -  
18-100-95

Cannula, Inf., 22  
Cánula, Inf., 22  
Canule, Inf., 22  
Cannula, Inf., 22

18-100-90	L, LL, Ø 3,0 mm, 20 cm
18-100-91	L, LL, Ø 4,0 mm, 20 cm
18-100-92	L, LL, geb, Ø 3,0 mm, 20 cm
18-100-93	L, LL, geb, Ø 4,0 mm, 20 cm
18-100-94	L, LL, baj, Ø 3,0 mm, 20 cm
18-100-95	L, LL, baj, Ø 4,0 mm, 20 cm



1/2

18-110-10 -  
18-110-20

Cannula, Lipo, Monoport  
Cánula, Lipo, Monoport  
Canule, Lipo, Monoport  
Cannula, Lipo, Monoport

18-110-10	FG, Ø 3,0 mm, 15 cm
18-110-11	FG, Ø 3,0 mm, 25 cm
18-110-12	FG, Ø 4,0 mm, 15 cm
18-110-13	FG, Ø 4,0 mm, 25 cm
18-110-14	FG, Ø 6,0 mm, 15 cm
18-110-15	FG, Ø 6,0 mm, 25 cm
18-110-16	FG, Ø 9,0 mm, 30 cm
18-110-17	FG, geb, Ø 3,0 mm, 15 cm
18-110-18	FG, geb, Ø 3,0 mm, 25 cm
18-110-19	FG, geb, Ø 6,0 mm, 15 cm
18-110-20	FG, geb, Ø 6,0 mm, 25 cm



1/2

18-110-30 -  
18-110-33

Cannula, Lipo, Triport  
Cánula, Lipo, Triport  
Canule, Lipo, Triport  
Cannula, Lipo, Triport

18-110-30	FG, Ø 4,0 mm, 15 cm
18-110-31	FG, Ø 4,0 mm, 25 cm
18-110-32	FG, Ø 6,0 mm, 25 cm
18-110-33	FG, Ø 6,0 mm, 30 cm

Empire



1/2

18-900-01	1 ml
18-900-02	2 ml
18-900-05	5 ml
18-900-10	10 ml
18-900-20	20 ml
18-900-50	50 ml

18-900-01 -  
18-900-50

Glass barrel, with Luer-connection  
Cilindro de vidrio, con conexión Luer  
Cylindre en verre, avec raccord Luer  
Cilindro die vetro, con raccordo Luer



1/2

18-902-01	1 ml
18-902-02	2 ml
18-902-05	5 ml
18-902-10	10 ml
18-902-20	20 ml
18-902-50	50 ml

18-902-01 -  
18-902-50

Spare Barrels, with Luer-connection  
Cilindros de repuesto, con conexión Luer  
Cylindres de rechange, avec raccord Luer  
Cilindri di ricambio, con raccordo Luer



1/2

18-910-01	1 ml
18-910-02	2 ml
18-910-05	5 ml
18-910-10	10 ml
18-910-20	20 ml
18-910-50	50 ml

18-910-01 -  
18-910-50

Glass barrel, with , Luer-Lock  
Cilindro de vidrio, con Luer-Lock  
Cylindre en verre, avec Luer-Lock  
Cilindro die vetro, con Luer-Lock



1/2

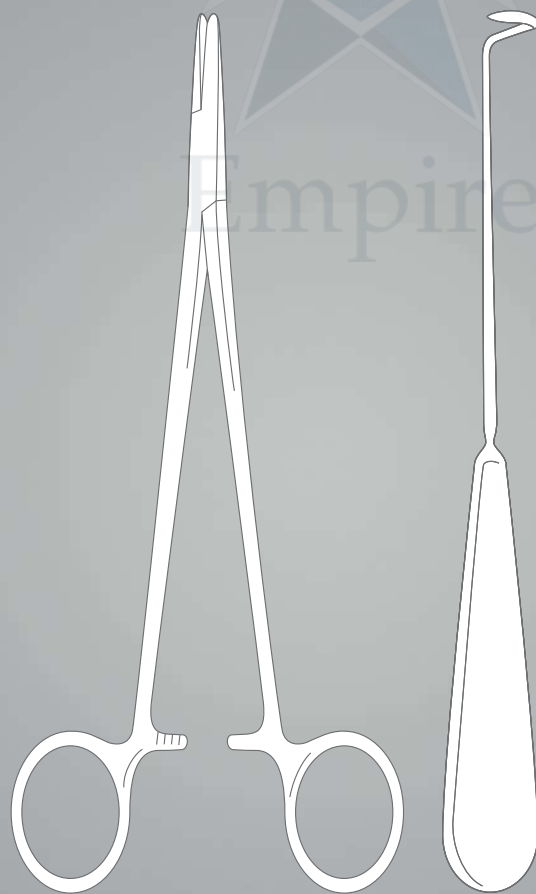
18-912-01	1 ml
18-912-02	2 ml
18-912-05	5 ml
18-912-10	10 ml
18-912-20	20 ml
18-912-50	50 ml

18-912-01 -  
18-912-50

Spare Barrels, with Luer-Lock  
Cilindros de repuesto, con Luer-Lock  
Cylindres de rechange, avec Luer-Lock  
Cilindri di ricambio, con Luer-Lock

# 20

Suture  
Sutura  
Suture  
Sutura



### Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi



1/2

20-000-00 -  
20-001-01



1/4



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	Ø	0.30 mm	0.30 mm	0.30 mm	0.30 mm
15 cm / 5 7/8"	St	20-000-01	20-001-01	20-000-00	20-001-00



1/2

Castroviejo  
20-000-02 -  
20-001-03



1/4



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	Ø	0.30 mm	0.30 mm	0.30 mm	0.30 mm
15 cm / 5 7/8"	St	20-000-03	20-001-03	20-000-02	20-001-02

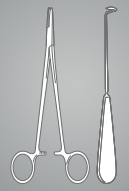


## Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi

Suture

Sutura  
Suture  
Sutura



8-0 - 12-0

1/1



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	∅	0.40 mm	0.40 mm	0.40 mm	0.40 mm
15 cm / 5 7/8"	St	20-002-15	20-003-15	20-004-15	20-005-15
	Ti	20-016-15	20-017-15	20-018-15	20-019-15
18 cm / 7 1/8"	St	20-002-18	20-003-18	20-004-18	20-005-18
	Ti	20-016-18	20-017-18	20-018-18	20-019-18

1/2

20-002-15 -  
20-019-18



8-0 - 12-0

1/1



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	∅	0.40 mm	0.40 mm	0.40 mm	0.40 mm
18 cm / 7 1/8"	St	20-006-18	20-007-18	20-008-18	20-009-18
	Ti	20-006-18	20-007-18	20-008-18	20-009-18

1/2

20-006-18 -  
20-009-18

## Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi



1/1



1/2

20-010-15 -  
20-023-25

		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	Ø	0.80 mm	0.80 mm	0.80 mm	0.80 mm
15 cm / 5 7/8"	St	20-010-15	20-011-15	20-012-15	20-013-15
	Ti	20-020-15	20-021-15	20-022-15	20-023-15
18 cm / 7 1/8"	St	20-010-18	20-011-18	20-012-18	20-013-18
	Ti	20-020-18	20-021-18	20-022-18	20-023-18
21 cm / 8 2/8"	St	20-010-21	20-011-21	20-012-21	20-013-21
	Ti	20-020-21	20-021-21	20-022-21	20-023-21
23 cm / 9"	St	20-010-23	20-011-23	20-012-23	20-013-23
	Ti	20-020-23	20-021-23	20-022-23	20-023-23
25 cm / 9 7/8"	St	20-010-25	20-011-25	20-012-25	20-013-25
	Ti	20-020-25	20-021-25	20-022-25	20-023-25



1/1



1/2

20-030-15 -  
20-033-25

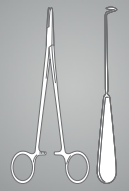
		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	Ø	1.2 mm	1.2 mm	1.2 mm	1.2 mm
15 cm / 5 7/8"	St	20-030-15	20-031-15	20-032-15	20-033-15
	Ti	20-030-15	20-031-15-	20-032-15	20-033-15
18 cm / 7 1/8"	St	20-030-18	20-031-18	20-032-18	20-033-18
	Ti	20-030-18	20-031-18	20-032-18	20-033-18
21 cm / 8 2/8"	St	20-030-21	20-031-21	20-032-21	20-033-21
	Ti	20-030-21	20-031-21	20-032-21	20-033-21
23 cm / 9"	St	20-030-23	20-031-23	20-032-23	20-033-23
	Ti	20-030-23	20-031-23	20-032-23	20-033-23
25 cm / 9 7/8"	St	20-030-25	20-031-25	20-032-25	20-033-25
	Ti	20-030-25	20-031-25	20-032-25	20-033-25

## Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi

## Suture

Sutura  
Suture  
Sutura



1/2

20-060-15 -  
20-063-23



6-0 - 10-0

1/1



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	Ø	0.80 mm	0.80 mm	0.80 mm	0.80 mm
15 cm / 5 7/8"	St	20-060-15	20-061-15	20-062-15	20-063-15
	Ti	20-060-15	20-061-15	20-062-15	20-063-15
18 cm / 7 1/8"	St	20-060-18	20-061-18	20-062-18	20-063-18
	Ti	20-060-18	20-061-18	20-062-18	20-063-18
21 cm / 8 2/8"	St	20-060-21	20-061-21	20-062-21	20-063-21
	Ti	20-060-21	20-061-21	20-062-21	20-063-21
23 cm / 9"	St	20-060-23	20-061-23	20-062-23	20-063-23
	Ti	20-060-23	20-061-23	20-062-23	20-063-23



1/2

20-070-15 -  
20-073-23



5-0 - 8-0

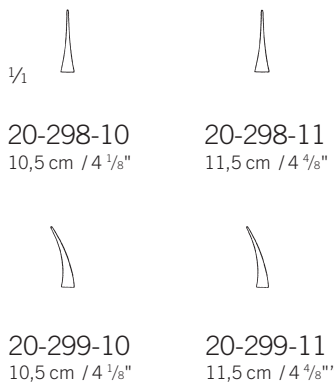
1/1



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	Ø	1.2 mm	1.2 mm	1.2 mm	1.2 mm
15 cm / 5 7/8"	St	20-070-15	20-071-15	20-072-15	20-073-15
	Ti	20-070-15	20-071-15	20-072-15	20-073-15
18 cm / 7 1/8"	St	20-070-18	20-071-18	20-072-18	20-073-18
	Ti	20-070-18	20-071-18	20-072-18	20-073-18
21 cm / 8 2/8"	St	20-070-21	20-071-21	20-072-21	20-073-21
	Ti	20-070-21	20-071-21	20-072-21	20-073-21
23 cm / 9"	St	20-070-23	20-071-23	20-072-23	20-073-23
	Ti	20-070-23	20-071-23	20-072-23	20-073-23

### Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi



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



		w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	with ratchet con trinquete avec cran d'arrêt con arresto
11,5 cm / 4 4/8"	St	20-300-11	-	-
11,5 cm / 4 4/8"	Ti	20-300-12	-	-
13,5 cm / 5 3/8"	St	-	20-300-13	-
13,5 cm / 5 3/8"	St	-	-	20-300-14

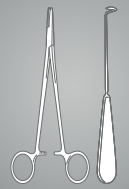
Barraquer  
20-300-11 -  
20-300-14

## Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi

## Suture

Sutura  
Suture  
Sutura



Barraquer  
20-301-13  
13,5 cm / 5 3/8"

very delicate jaw  
boca muy delicada  
mors très fin  
morso strafino



Castroviejo-Fino  
20-302-01  
13 cm / 5 1/8"

very delicate jaw  
boca muy delicada  
mors très fin  
morso strafino



Jacobson  
24-851-01

18 cm / 7 1/8"  
ohne Sperre  
w/o ratchet  
sin trinquete  
sans cran d'arrêt  
senza arresto



Jacobson  
24-851-02

18 cm / 7 1/8"  
mit Sperre  
with ratchet  
con trinquete  
avec cran d'arrêt  
con arresto



Castroviejo-Fino  
20-303-09  
9 cm / 3 4/8"



Castroviejo-Fino  
20-304-09  
9 cm / 3 4/8"




Castroviejo-Fino  
20-305-09  
9 cm / 3 4/8"

Empi

**Micro Needle Holders**

Micro Porta-agujas  
 Micro porte-aiguilles  
 Micro Portaghi




$\frac{1}{1}$    
 20-306-14  
 14,5 cm / 5  $\frac{6}{8}$ "

  
 20-307-14  
 14,5 cm / 5  $\frac{6}{8}$ "

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



$\frac{1}{1}$    
 20-308-14  
 14,5 cm / 5  $\frac{6}{8}$ "


  
 20-309-14  
 14,5 cm / 5  $\frac{6}{8}$ "

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



Empire



$\frac{1}{1}$    
 20-310-14  
 14,5 cm / 5  $\frac{6}{8}$ "

  
 20-311-14  
 14,5 cm / 5  $\frac{6}{8}$ "

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



$\frac{1}{1}$  

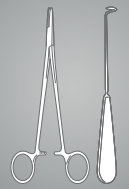
Castroviejo  
 20-313-14  
 14,5 cm / 5  $\frac{6}{8}$ "

## Micro Needle Holders, Needle Holders

Micro Porta-agujas, Porta-agujas  
 Micro porte-aiguilles, Porte-aiguilles  
 Micro Portaghi, Portaghi

## Suture

Sutura  
 Sutura  
 Sutura



20-316-13

1/2

Castroviejo  
 20-316-13  
 12 cm / 4 7/8"



20-317-12

1/2

Castroviejo  
 20-317-12  
 12 cm / 4 6/8"



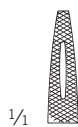
20-328-12  
 13 cm / 5 1/8"

1/2

jaw with longitudinal serration  
 boca con estrías longitudinales  
 mors avec rainures longitudinales  
 morso con strie longitudinali

Derf  
 20-328-12

Empire

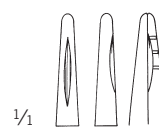
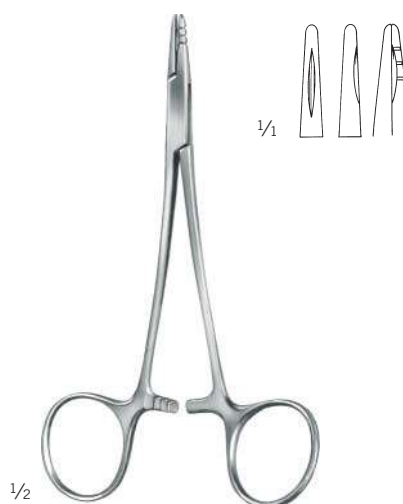


1/1

1/2

Collier  
 20-332-12  
 12,5 cm / 4 7/8"

both jaws totally fenestrated  
 ambas mordazas completamente fenestradas  
 les deux mors fenêtrés sur toute leur longueur  
 entrambe le gole completamente a finestra



1/1

1/2

Neivert  
 20-338-13  
 12,5 cm / 4 7/8"

smooth jaw, special groove  
 boca lisa, especialmente acanalada  
 mors lisse, avec stries spéciales  
 morso liscio con scannellatura speciale

## Needle Holders

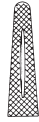
Porta-agujas  
Porte-aiguilles  
Portaghi



1/2

Mayo-Hegar  
20-390-14 -  
20-390-30

1/1



20-390-14  
14,5 cm / 5 7/8"



20-390-18  
18,5 cm / 7 3/8"



20-390-20  
20,5 cm / 8 1/8"



20-390-24  
24 cm / 9 4/8"



Empire



1/2

Mayo-Hegar  
20-396-16 -  
20-396-20

slender pattern  
modelo delgado  
modèle gracile  
modello delicato

1/1



20-396-16  
16 cm / 6 3/8"



20-396-18  
19 cm / 7 4/8"



20-396-20  
20,5 cm / 8 1/8"



**Needle Holders**

Porta-agujas  
Porte-aiguilles  
Portaghi

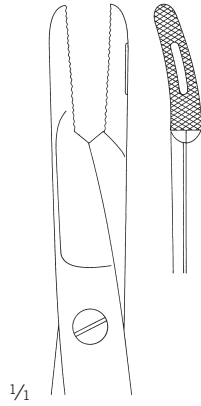
**Suture**

Sutura  
Sutura  
Sutura

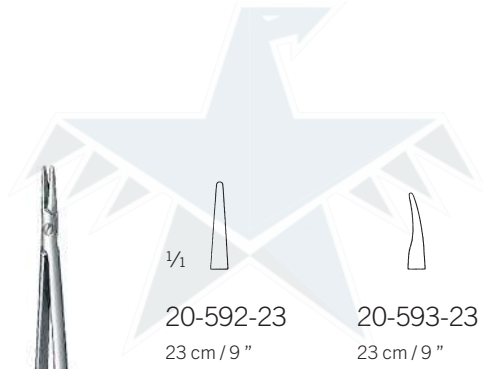


1/2

Gillies  
20-469-16  
16 cm / 6 3/8"



1/4



1/4

20-592-23  
23 cm / 9"

20-593-23  
23 cm / 9"

20-595-19  
19 cm / 7 4/8"



1/4

1/2

20-589-16  
16 cm / 6 3/8"  
smooth jaw  
boca lisa  
mors lisse  
morso liscio



1/2

20-592-23 -  
20-595-19  
smooth jaw  
boca lisa  
mors lisse  
morso liscio

Empire

## Micro Needle Holders, Needle Holders

Micro Porta-agujas, Porta-agujas  
 Micro porte-aiguilles, Porte-aiguilles  
 Micro Portaghi, Portaghi



1/2

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



1/1

### TC GOLD

- 6-0 - 12-0
- Smooth



1/2



1/1

Crile-Wood  
 20-604-15  
 15 cm / 5 7/8"

with automatic release ratchet also for lefthanders  
 con cremallera automática también para zurdos  
 avec crémaillère automatique aussi pour gauchers  
 con cremagliera automatica anche per mancini



1/2

20-605-15 -  
 20-608-25



safety-wave



diamond-coated

- 4-0 - 6-0

1/1



		with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
	∅	2.0 mm	2.0 mm	2.0 mm	2.0 mm
15 cm / 5 7/8"	St	20-606-15	20-605-15	20-608-15	20-607-15
18 cm / 7 1/8"	St	20-606-18	20-605-18	20-608-18	20-607-18
21 cm / 8 2/8"	St	20-606-21	20-605-21	20-608-21	20-607-21
23 cm / 9"	St	20-606-23	20-605-23	20-608-23	20-607-23
25 cm / 9 7/8"	St	20-606-25	20-605-25	20-608-25	20-607-25

**Micro Needle Holders, Needle Holders**

Micro Porta-agujas, Porta-agujas  
 Micro porte-aiguilles, Porte-aiguilles  
 Micro Portaghi, Portaghi

**Suture**

Sutura  
 Sutura  
 Sutura



**TC GOLD**



2-0 - 6-0





diamond-coated




safety-wave




1/1 


 **5-0 - 8-0**

 **Micro**


1/2  
 Jaboma  
 20-610-18  
 18 cm / 7 1/8"

1/1 

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



20-613-23  
 23 cm / 9"



20-613-25  
 25 cm / 9 7/8"

1/2  
 Heavy Duty  
 20-613-19 -  
 20-613-25

### Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi



1/2

20-614-01 -  
20-615-02  
14,5 cm / 5 7/8"



8-0 - 12-0

1/4



	●	with ratchet con trinquete avec cran d'arrêt con arresto	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto
∅		0.40 mm	0.40 mm	0.40 mm	0.40 mm
St		20-614-02	20-615-01	20-614-01	20-615-02



1/2

20-614-03 -  
20-615-04  
14,5 cm / 5 7/8"



8-0 - 12-0

1/4



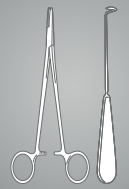
	●	with ratchet con trinquete avec cran d'arrêt con arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	w/o ratchet sin trinquete sans cran d'arrêt senza arresto	with ratchet con trinquete avec cran d'arrêt con arresto
∅		0.40 mm	0.40 mm	0.40 mm	0.40 mm
St		20-614-04	20-615-04	20-614-03	20-615-03

## Micro Needle Holders

Micro Porta-agujas  
Micro porte-aiguilles  
Micro Portaghi

## Suture

Sutura  
Sutura  
Sutura

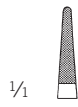


## TC GOLD



1/2

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



1/4

20-620-00  
14,5 cm / 5 5/8"



20-620-01-07  
14,5 cm / 5 5/8"



20-620-14  
14,5 cm / 5 5/8"



20-620-18  
18 cm / 7 1/8"



1/4

20-620-21  
22 cm / 8 5/8"



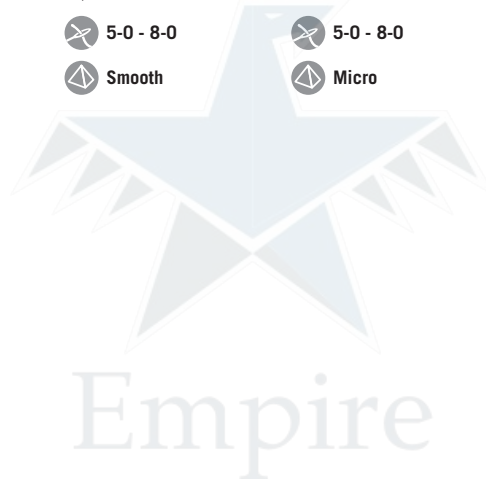
20-621-14  
14,5 cm / 5 5/8"



20-621-18  
18 cm / 7 1/8"



20-621-21  
22 cm / 8 5/8"



Empire



1/2

Derf  
20-632-12  
12 cm / 4 5/8"



1/4



1/2

Halsey  
20-637-13  
13 cm / 5 1/8"



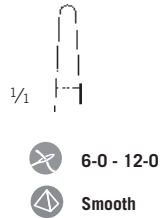
1/4



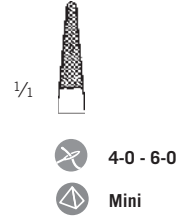
**TC GOLD**



Webster  
20-630-13  
13 cm / 5 1/8"



Kilner  
20-631-13  
14,5 cm / 5 6/8"



Hegar-Baumgartner  
20-634-13 -  
20-634-14



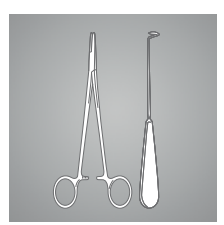
Empire

## Needle Holders

Porta-agujas  
Porte-aiguilles  
Portaghi

## Suture

Sutura  
Suture  
Sutura



## TC GOLD



1/2

Heaney  
20-643-20 -  
20-643-26



1/1

20-643-20  
20,5 cm / 8 1/8"



20-643-24  
24 cm / 9 4/8"



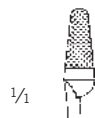
20-643-26  
26,5 cm / 10 3/8"



1/2

Olsen Hegar  
20-672-14 -  
20-672-18

Normalprofil  
standard profile  
perfil estándar  
profil normal  
profilo normale



1/1

20-672-14  
14,5 cm / 5 7/8"



20-672-17  
17 cm / 6 5/8"



20-672-18  
19 cm / 7 4/8"



Empire

**TC GOLD**



1/1

4-0 - 6-0

Mini

Crile-Wood  
20-638-20  
20,5 cm / 8 1/8"



1/1

20-642-24-07  
24 cm / 9 4/8"

0-6 - 4-0

Standard

Mayo-Hegar  
20-642-16 -  
20-642-30



20-642-16  
16 cm / 6 2/8"

0-6 - 4-0

Standard



20-642-18  
18,5 cm / 7 2/8"

0-6 - 4-0

Standard



20-642-20  
20 cm / 7 7/8"

0-6 - 4-0

Standard



20-642-26  
26,5 cm / 10 3/8"

0-6 - 4-0

Standard



20-642-30  
30 cm / 11 5/8"

0-6 - 4-0

Standard

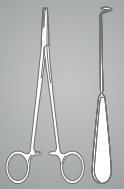


## Needle Holders

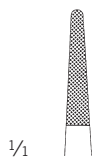
Porta-agujas  
Porte-aiguilles  
Portaghi

## Suture

Sutura  
Sutura  
Sutura



## TC GOLD



20-646-18  
18 cm / 7 1/8"



20-646-20  
20,5 cm / 8 1/8"



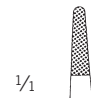
20-646-23  
23 cm / 9"



20-646-26  
26,5 cm / 10 3/8"



20-646-31  
31 cm / 12 2/8"



20-652-15  
15 cm / 5 7/8"



20-652-17  
17 cm / 6 5/8"



1/2

DeBakey  
20-646-18 -  
20-646-31



1/2

Martin  
20-652-15 -  
20-652-17

elastic tip  
modelo elástico  
modèle souple  
modello molle

**TC GOLD**



0-6 - 4-0  
Standard

Lichtenberg  
20-686-20  
20 cm / 7 7/8"

Crile-Murray  
20-348-15  
15 cm / 5 7/8"  
schlankes Modell  
slender pattern  
modelo delgado  
modèle gracile  
modello delicato



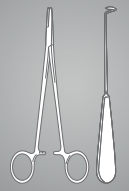
Sarot  
15-785-17  
17 cm / 6 3/4"

## Needle Holders

Porta-agujas  
Porte-aiguilles  
Portaghi

## Suture

Sutura  
Sutura  
Sutura



Mathieu-Olsen  
15-784-17  
17 cm / 6 <sup>3</sup>/<sub>4</sub> "



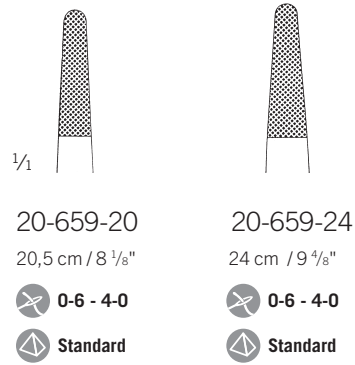
Diethrich  
15-786-20  
20 cm / 8 "



**TC GOLD**

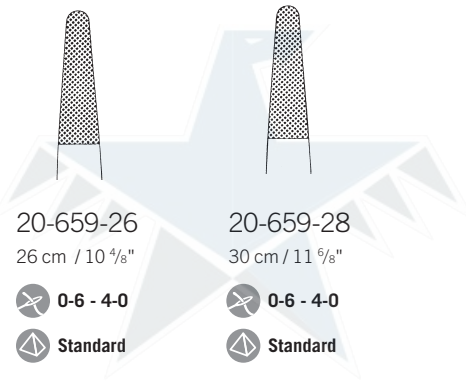


Bozemann  
20-659-20 -  
20-659-28



20-659-20  
20,5 cm / 8 1/8"  
0-6 - 4-0  
Standard

20-659-24  
24 cm / 9 1/8"  
0-6 - 4-0  
Standard



20-659-26  
26 cm / 10 4/8"  
0-6 - 4-0  
Standard

20-659-28  
30 cm / 11 6/8"  
0-6 - 4-0  
Standard



Microvascular  
20-666-05  
26 cm / 10 2/8"

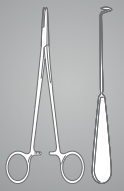
Empire

## Needle Holders

Porta-agujas  
Porte-aiguilles  
Portaghi

## Suture

Sutura  
Suture  
Sutura

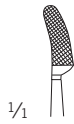


## TC GOLD



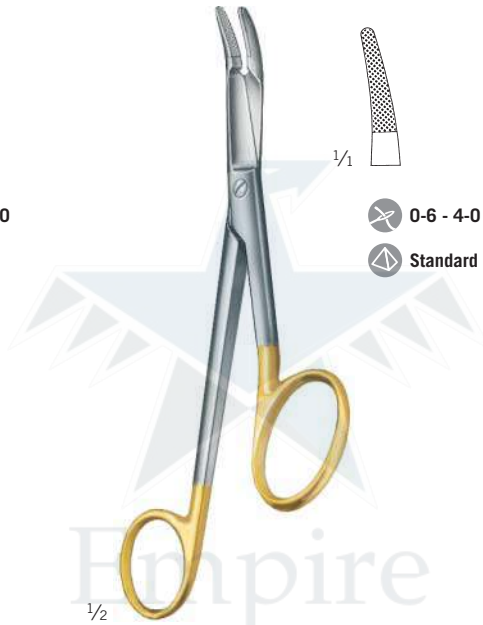
1/2

Gillies-Mini  
20-673-15  
15 cm / 5 7/8"



1/1

- 4-0 - 6-0
- Mini



1/2

Gillies  
20-673-16  
16 cm / 6 2/8"



1/1

- 0-6 - 4-0
- Standard



1/2

Foster-Gillies  
20-673-12  
11 cm / 4 3/8"



1/1

- 6-0 - 12-0
- Smooth

**Needle Holders**

Porta-agujas  
Porte-aiguilles  
Portaghi

**TC GOLD**



1/2

Mathieu  
20-676-14 -  
20-676-20

1/1

20-676-14

14 cm / 5 4/8"



0-6 - 4-0

Standard



20-676-17

17 cm / 6 6/8"



0-6 - 4-0

Standard



20-676-20

20 cm / 7 7/8"



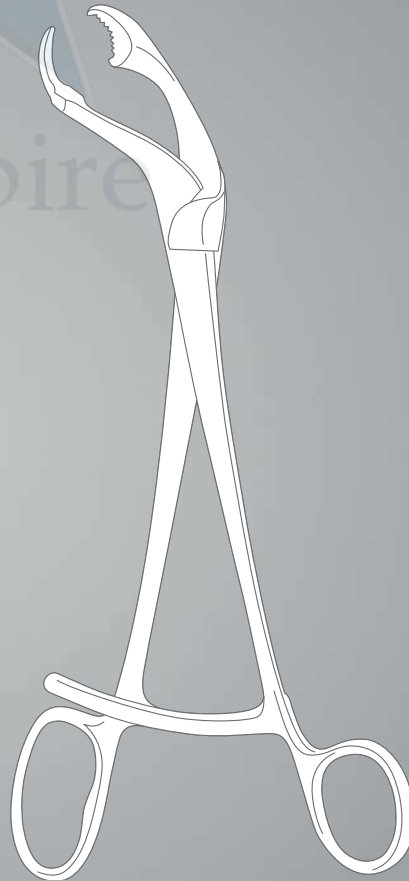
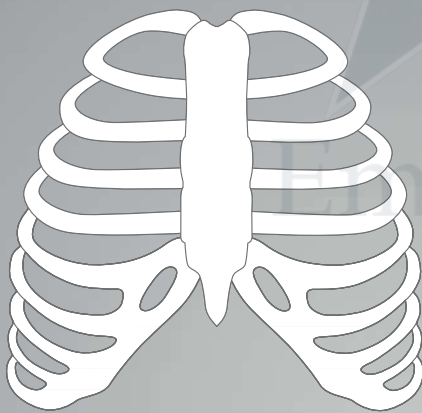
0-6 - 4-0

Standard

Empire

Bone Surgery  
Cirugía ósea  
Chirurgie osseuse  
Chirurgia ossea

# 22-23



## Wire Twisting Forceps, Flat Nose Pliers

Pinzas para torcer alambre, Alicates de pico plano  
 Pincas à torsader le fil, Pincas plates  
 Pinze per ritorcere fili, Tenaglie piatte

### TC GOLD



22-500-15  
15,5 cm / 6 1/8"



22-500-20  
20 cm / 7 7/8"



22-511-01  
18 cm / 7 1/8"

parallel grip  
 acción paralela  
 action parallèle  
 afferamento parallelo

### TC GOLD



22-511-01



Hackstock  
 22-518-16  
 16 cm / 6 3/8"

with longitudinal groove  
 con ranura longitudinal  
 avec rainure longitudinale  
 con scannellatura longitudinale



Martin "Diamant"  
 22-522-16  
 16 cm / 6 3/8"

Wire Cutter, front action  
 Alicates frontal para cortar alambre  
 Pincas coupantes frontales  
 Tenaglie tagliafili frontali

Cutting width  
 Ancho de cortar  
 Largeur de coupe  
 Ampiezza di taglio  
**14,5 mm**

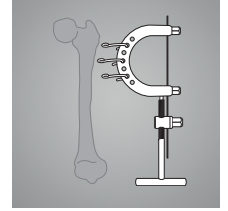
for soft wires up to  
 para alambres blandos hasta  
 pour fils mous jusqu'à  
 per fili molli fino a  
**Ø 2,2 mm**

for hard wires up to  
 para alambres duros hasta  
 pour fils durs jusqu'à  
 per fili metallici duri fino a  
**Ø 2,0 mm**

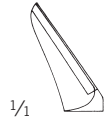


**Wire Cutting Pliers**  
 Tenazas de corte lateral  
 Pincas coupantes de côté  
 Tenaglie tagliafili laterali

**Bone Surgery**  
 Cirugía ósea  
 Chirurgie osseuse  
 Chirurgia ossea



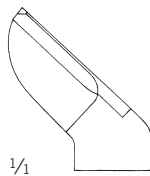
**TC GOLD**



for soft wires up to  
 para alambres blandos hasta  
 pour fils mous jusqu'à  
 per fili molli fino a  
**Ø 2,0 mm**

1/2

22-523-16  
 17 cm / 6 5/8"

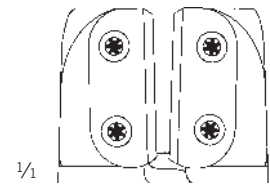


for soft wires up to  
 para alambres blandos hasta  
 pour fils mous jusqu'à  
 per fili molli fino a  
**Ø 2,8 mm**

for hard wires up to  
 para alambres duros hasta  
 pour fils durs jusqu'à  
 per fili metallici duri fino a  
**Ø 2,2 mm**

1/2

22-523-22  
 23 cm / 9"



for soft wires up to  
 para alambres blandos hasta  
 pour fils mous jusqu'à  
 per fili molli fino a  
**Ø 2,8 mm**

for hard wires up to  
 para alambres duros hasta  
 pour fils durs jusqu'à  
 per fili metallici duri fino a  
**Ø 2,2 mm**

1/2

22-523-25  
 21,5 cm / 8 4/8"

22-523-81

Spare part set  
 Juego de pieza de repuesto  
 Set de pièce détachée  
 Set di pezzo di ricambio

## Wire Cutting Pliers, Bone Wire

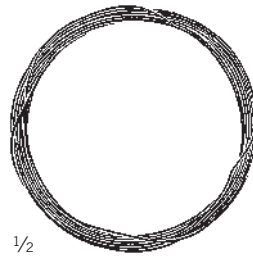
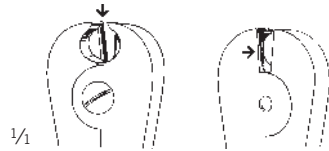
Tenazas de corte laterale, Alambre para hueso

Pincès coupantes de côté, Fil à os

Tenaglie tagliafilii laterali, Filo per ossa

### TC GOLD

Cutting width  
Ancho de cortar  
Largeur de coupe  
Ampiezza di taglio  
**18 mm**



22-527-02 - 22-527-15

for soft wires up to  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2,0 mm**

soft, coil of 10 m  
blando, rollo de 10 m  
malléable, en rouleaux de 10 m  
malleabile, rotolo di 10 m

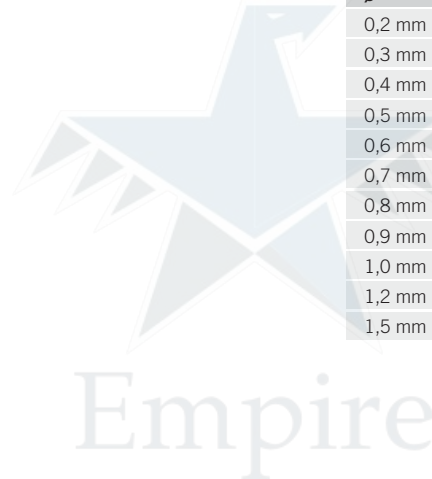
Ø	
0,2 mm	22-527-02
0,3 mm	22-527-03
0,4 mm	22-527-04
0,5 mm	22-527-05
0,6 mm	22-527-06
0,7 mm	22-527-07
0,8 mm	22-527-08
0,9 mm	22-527-09
1,0 mm	22-527-10
1,2 mm	22-527-12
1,5 mm	22-527-15



22-526-18

17,5 cm / 6 7/8"

Wire Cutting Pliers  
Alicates para cortar alambre  
Pince pour couper le fil  
Tenaglia tagliafilii



22-596-01	klein small pequeño petit piccolo
22-596-02	mittel medium mediano moyen mezzo
22-596-03	groß large grande grand grande

wire mesh, autoclavable  
malla de alambre, autoclavable  
gaze de fil de métal, stérilisable  
Maglia metallica, sterilizzabile

22-618-90



for insertion and extraction of K-wires  
para la inserción y extracción de alambres  
pour insertion et extraction des fils  
per inserimento e rimozione dei fili  
**Ø 0,8 - 1,6 mm**

Vickers Easidriver™

22-618-00

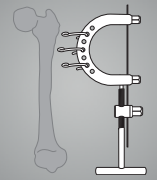
14 cm / 5 1/8"


## Wire Drills

Brocas filiformes  
Broches filiformes  
Perforatori filiformi

## Bone Surgery

Cirugía ósea  
Chirurgie osseuse  
Chirurgia ossea




Kirschner 

Trocar pointed  
Punta trocar  
Pointe de trocart  
Punta a trequarti

**St 10**

	Length Largo Longueur Lunghezza				
Ø	60 mm / 2 4/8"	120 mm / 5"	140 mm / 5 4/8"	160 mm / 6 2/8"	310 mm / 12 2/8"
1,6 mm	22-622-16	22-626-16	22-628-16	22-630-16	22-632-16

Kirschner 

Trocar, pointed, with round end  
Punta trocar con cabo redondo  
Pointe de trocart avec tige ronde  
Punta a trequarti

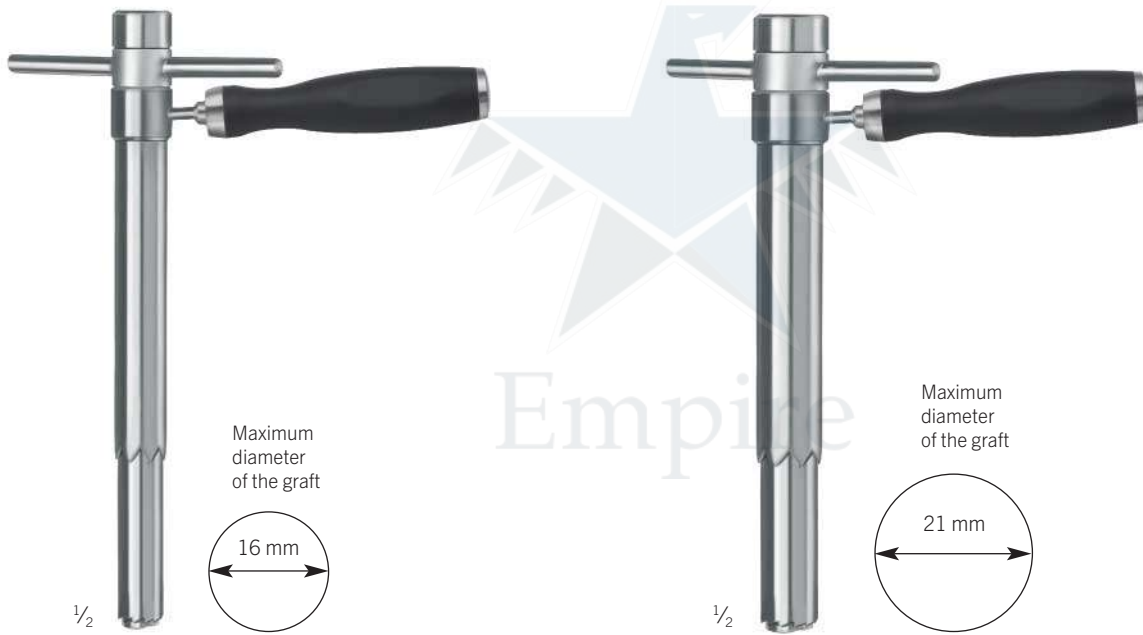
**St 10**

Empire

	Length Largo Longueur Lunghezza					
Ø	60 mm / 2 4/8"	100 mm / 3 7/8"	120 mm / 5"	140 mm / 5 4/8"	160 mm / 6 2/8"	310 mm / 12 2/8"
1,6 mm	22-623-16	22-625-16	22-627-16	22-629-16	22-631-16	22-633-16

### Cancellous Bonegraft Mill

Extractor para esponjosa  
 Extracteur pour spongiosa  
 Fresa per spongiosa



23-190-05

22.5 cm / 8 3/4"

Iliac crest mill, complete  
 Fresadora de la cresta iliaca, completo  
 Fraise de la crête iliaque, complète  
 Fresa per cresta iliaca, completo

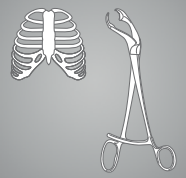


23-190-06

22.5 cm / 8 3/4"

Iliac crest mill, complete  
 Fresadora de la cresta iliaca, completo  
 Fraise de la crête iliaque, complète  
 Fresa per cresta iliaca, completo





Components  
Componentes  
Éléments  
Componenti



Cutter  
Fresadora  
Fraise  
Fresa



Tamper  
Pisón  
Pilon  
Battitore



Guide tube  
Tubo guía  
Tube de guidage  
Tubo di guida



head	weight	weight	head
cabeza	peso	peso	cabeza
tête	poids	poids	tête
testa	peso	peso	testa
<b>Ø 30 mm</b>	<b>300 g</b>	<b>220 g</b>	<b>Ø 30 mm</b>



**23-192-00**

CarpalStick

single-use only  
de un solo uso  
à usage unique  
monouso

**STERILE | R**



Cottle  
23-215-19  
19 cm / 7 4/8"

plane / convex  
plano / convexo  
plan / convexe  
plano / convesso



Collin  
23-208-20  
20 cm / 7 7/8"



Williger  
23-216-01

16,5 cm / 6 4/8"

head	weight
cabeza	peso
tête	poids
testa	peso

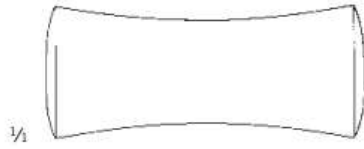
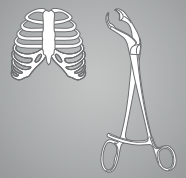
**Ø 20 mm    140 g**

## Mallets

Martillos  
Maillets  
Martelli

## Bone Surgery

Cirurgía ósea  
Chirurgie osseuse  
Chirurgia ossea



23-214-01

head	weight
cabeza	peso
tête	poids
testa	peso
<b>Ø 19 mm</b>	<b>230 g</b>



Lucae

23-214-01 -

23-214-02

19,5 cm / 7 5/8"



23-214-02

head	weight
cabeza	peso
tête	poids
testa	peso
<b>Ø 25 mm</b>	<b>260 g</b>



Hajek

23-217-22

21,5 cm / 8"

head	weight
cabeza	peso
tête	poids
testa	peso
<b>Ø 26 mm</b>	<b>200 g</b>



1/4

**23-221-00**

Spare Facings (pair)  
Tapas de repuesto (par)  
Plaques de rechange (paire)  
Placche di ricambio (paio)



**23-220-17**



1/2

**Mead**  
**23-220-17**

19 cm / 7 4/8"

with interchangeable plastic disks  
con tapas intercambiables  
avec plaques interchangeables  
con placche intercambiabili

head	weight
cabeza	peso
tête	poids
testa	peso
<b>Ø 27 mm</b>	<b>330 g</b>



1/2

**Partsch**  
**23-224-18**

19 cm / 7 4/8"

with hollow handle  
con mango hueco  
avec manche creux  
con manico vuoto

head	weight
cabeza	peso
tête	poids
testa	peso
<b>Ø 27 mm</b>	<b>175 g</b>

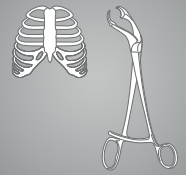


# Tendon Strippers

Sehnenstripper  
 Enucleadores de tendones  
 Scollatendini

# Bone Surgery

Cirurgía ósea  
 Chirurgie osseuse  
 Chirurgia ossea



1/4

**Fig. 1**  
 23-652-01  
 15 cm / 5 7/8"  
 Ø 4,5 mm



**Fig. 2**  
 23-652-02  
 15 cm / 5 7/8"  
 Ø 5,5 mm



**Fig. 3**  
 23-652-03  
 15 cm / 5 7/8"  
 Ø 6,5 mm



**Fig. 4**  
 23-652-04  
 15 cm / 5 7/8"  
 Ø 7,5 mm



**Fig. 5**  
 23-652-05  
 15 cm / 5 7/8"  
 Ø 8,5 mm



1/2

Bunnell  
 23-652-01 -  
 23-652-05  
 15 cm / 5 7/8"

1/4

23-654-40  
 23 cm / 9"  
 Ø 4 mm



23-654-45  
 23 cm / 9"  
 Ø 4,5 mm



23-654-55  
 23 cm / 9"  
 Ø 5,5 mm



1/2

23-654-40 -  
 23-654-55  
 23 cm / 9"  
 flexibler Schaft  
 flexible shaft  
 vástago flexible  
 tige flexible  
 gambo flessibile



1/2

Bunnell  
 23-664-23

23 cm / 9"  
 Sehndurchzugs-  
 sonden  
 Tendon Passer  
 Sonda conductora de tendones  
 Sonde conductrice pour tendons  
 Sonda conduttrice per tendini

1/4



biegsam  
 malleable  
 malleable  
 malléable  
 malleabili

1/1



1/2

Fischer  
 23-660-31

31 cm / 12 2/8"  
 stumpf  
 blunt  
 romo  
 mousse  
 smusso



1:2

Kleinert-Kutz  
 23-681-20

21 cm / 8 2/8"  
 Schaftlänge  
 shaft length  
 longitud del vástago  
 longueur de la tige  
 lunghezza dell'asta  
 140 mm

1/2

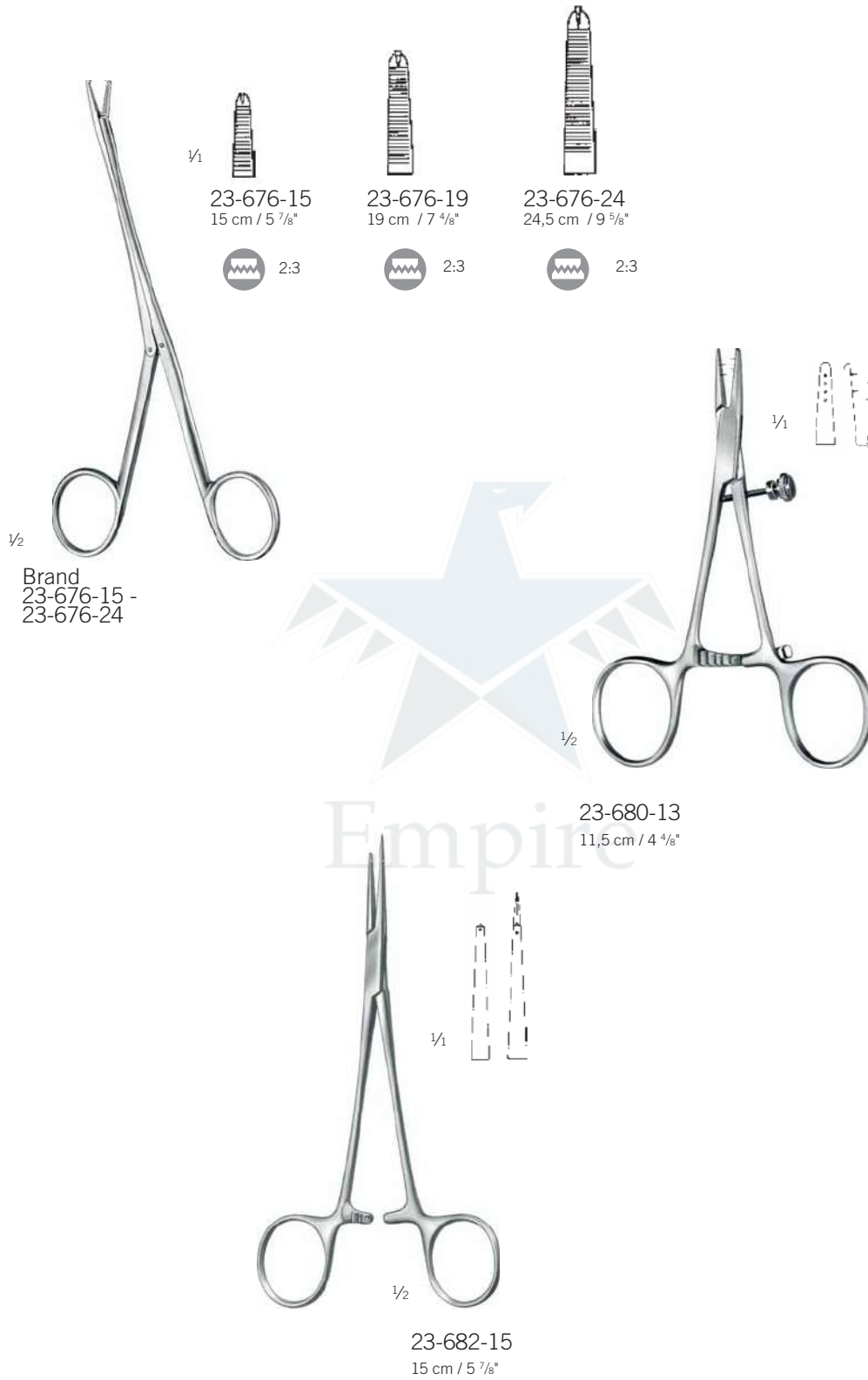


### Tendon Holding Forceps, Tendon Tunneling Forceps

Sehnenfasszangen, Sehnedurchzugzangen

Pinzas para coger tendones, Pinzas para pasar tendones

Pinces pour saisir les tendons, Pinces pour passer les tendons



## Tendon Holding Forceps, Tendon Tunneling Forceps

Sehnenfazzangen, Sehrendurchzugzangen

Pinzas para coger tendones, Pinzas para pasar tendones

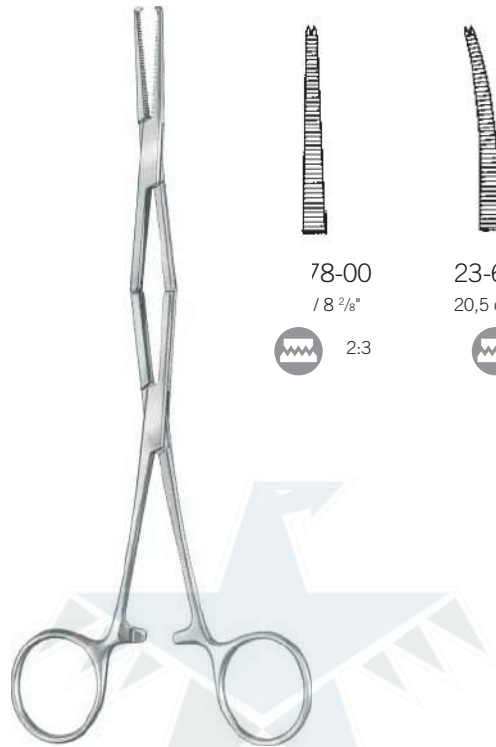
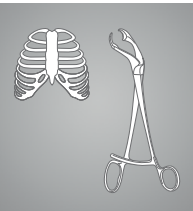
Pinces pour saisir les tendons, Pinces pour passer les tendons

## Bone Surgery

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



78-00  
/ 8 <sup>2</sup>/<sub>8</sub>"



2:3



23-678-01  
20,5 cm / 8 <sup>1</sup>/<sub>8</sub>"



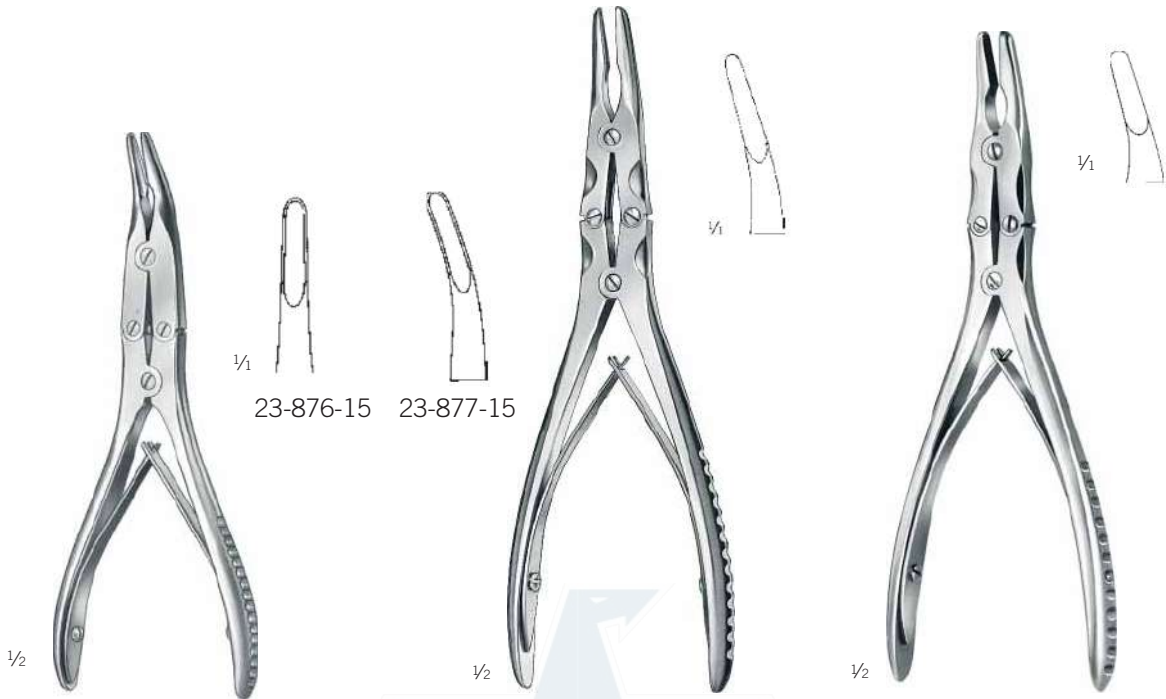
2:3

23-678-00 -  
23-678-01

Empire



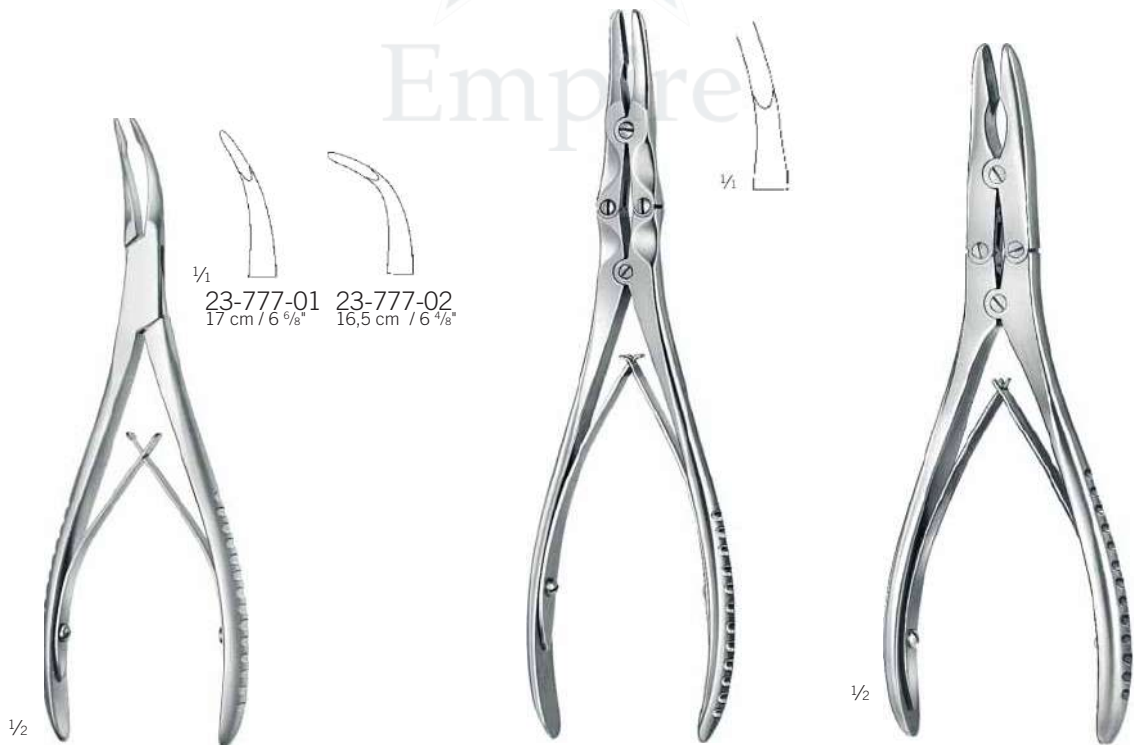
Carroll  
23-679-11  
11,5 cm / 4 <sup>4</sup>/<sub>8</sub>"



1/2  
Böhler  
23-876-15 -  
23-877-15  
15 cm / 5 7/8"

1/2  
Beyer  
23-879-18  
18 cm / 7 1/8"

1/2  
Zaufal-Jansen  
23-881-18  
18 cm / 7 1/8"



1/2  
Stellbrink  
23-777-01 -  
23-777-02

1/4  
23-777-01 23-777-02  
17 cm / 6 5/8" 16,5 cm / 6 1/8"

1/2  
Marquard  
23-885-20  
20,5 cm / 8 1/8"

1/2  
Ruskin  
23-887-18  
19 cm / 7 4/8"

# Bone Cutting Forceps

Pinzas cortantes para hueso

Pinces coupantes à os

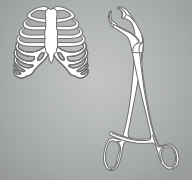
Cesoie per ossa

## Bone Surgery

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



1/2

Cottle-Kazanjan

23-930-19

19 cm / 7 1/8"



1/2

Ruskin-Liston

23-950-18 -

23-951-18

3-950-18  
9 cm / 7 1/8"

23-951-18  
18,5 cm / 7 2/8"



1/2

Böhler

23-944-15

14,5 cm / 5 6/8"

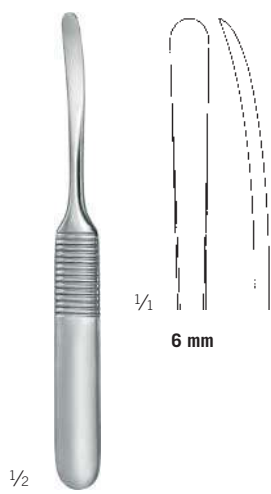


1/2

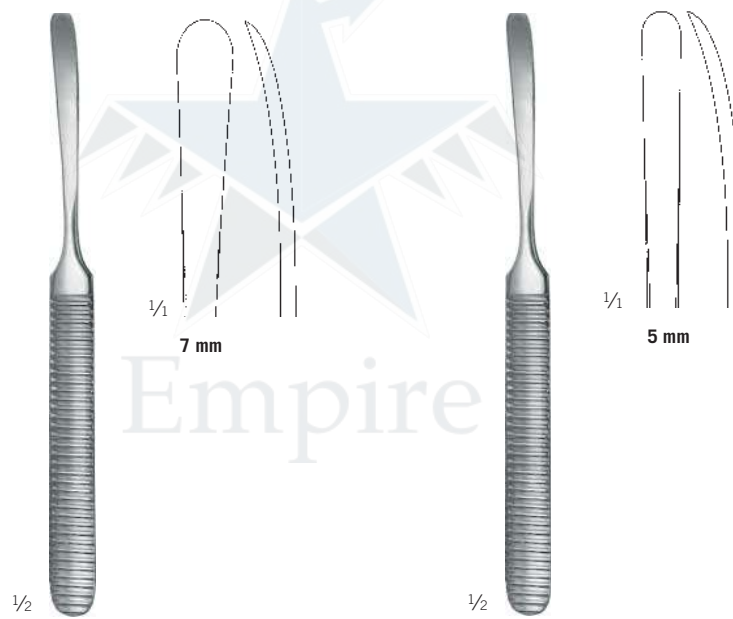
Böhler

23-946-15

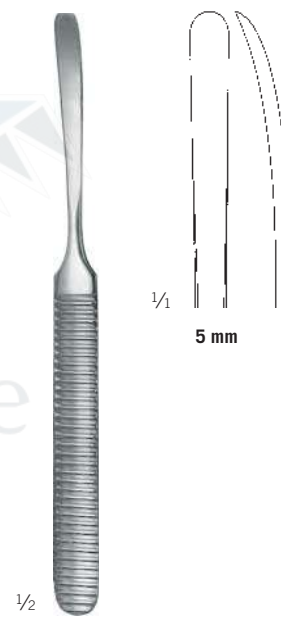
14,5 cm / 5 6/8"



Williger  
23-434-13  
12,5 cm / 4 7/8"  
solid  
macizo  
solide  
pieno



Williger  
23-436-07  
16 cm / 6 1/8"  
solid  
macizo  
solide  
pieno



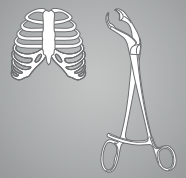
Williger  
23-436-16  
16 cm / 6 1/8"  
solid  
macizo  
solide  
pieno

## Periosteal Elevators , Reposition Forceps

Periostótomos, Pinzas para reposición  
Rugines-raspatoires, Pincas à réduction  
Periostotomi, Pinze per riposizioni

## Bone Surgery

Cirugía ósea  
Chirurgie osseuse  
Chirurgia ossea



1/2

1/1

23-441-17

17 cm / 6 5/8"

right curved  
curvo a la derecha  
courbé à droite  
curvo destro



23-443-17

17 cm / 6 5/8"

left curved  
curvo a la izquierda  
courbé à gauche  
curvo sinistro

for adults  
para adultos  
pour adultes  
per adulti

Doyen  
23-441-17 -  
23-443-17

Rib Raspatories, with hollow handle  
Legras costales, con mango hueco  
Rugines pour le périoste costale, avec manche creux  
Periostotomi costali, con manico vuoto

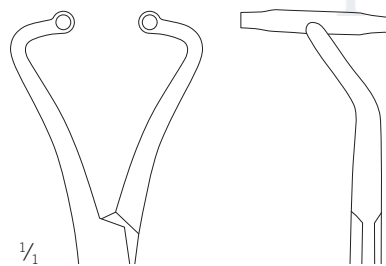


Empire



1/2

1/1



23-721-15

15 cm / 5 7/8"

## Fixation hand

Molde de mano para fijación

Main de fixation

Mano di fissaggio



¼

23-960-01

Fixation hand for children  
Molde de mano para fijación para niños  
Main de fixation pour enfants  
Mano di fissaggio per bambini

Pb



¼

23-960-02

Fixation hand for adults  
Molde de mano para fijación para adultos  
Main de fixation pour adultes  
Mano di fissaggio per adulti

Pb

Empire



23-960-24

Silicone ring, small  
Arandela de silicona, pequeño  
Anneau en silicone, petit  
Anello in silicone, piccolo

24 x 3 mm

23-960-27

Silicone ring, medium  
Arandela de silicona, mediana  
Anneau en silicone, moyen  
Anello in silicone, medio

27 x 3 mm

23-960-44

Silicone ring, large  
Arandela de silicona, grande  
Anneau en silicone, grand  
Anello in silicone, grande

34 x 3 mm

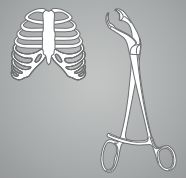


## Hand Restrainer

Sujetador de mano  
Reteneur pour main  
Fissatore per mano

## Bone Surgery

Cirurgía ósea  
Chirurgie osseuse  
Chirurgia ossea



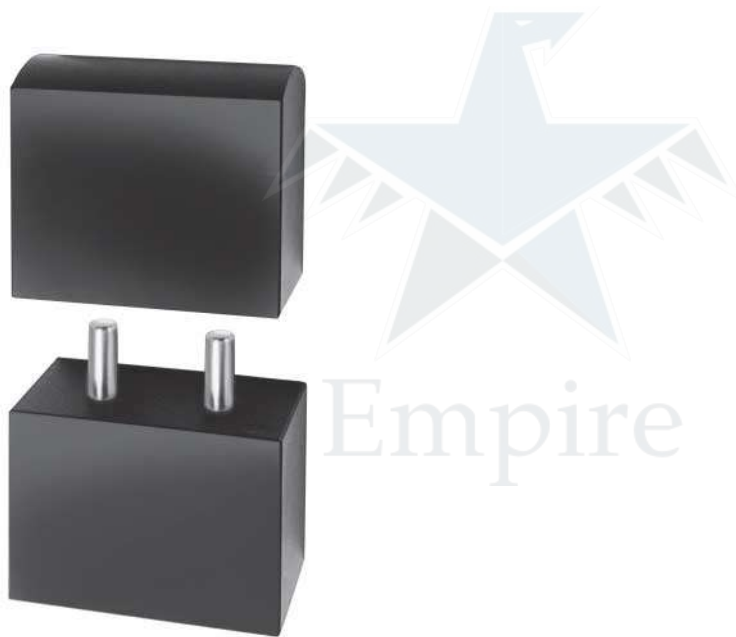
1/2

Vickers  
23-962-00

To hold the hand quickly and efficiently in any desired position  
Para mantener la mano en cualquier posición deseada, eficiente y rápidamente  
Pour immobiliser de façon rapide et sûre la main dans n'importe quelle position  
Per una rapida e sicura fissazione alla mano in qualsiasi posizione desiderata

## Wrist Positioning Device

Dispositivo de posicionamiento de la muñeca  
Dispositif de fixation du poignet  
Supporto per radio



1/2

23-963-00

Wrist Positioning Device, complete  
Dispositivo de posicionamiento de la muñeca, completo  
Dispositif de fixation du poignet, complet  
Supporto per radio, completo

23-963-01

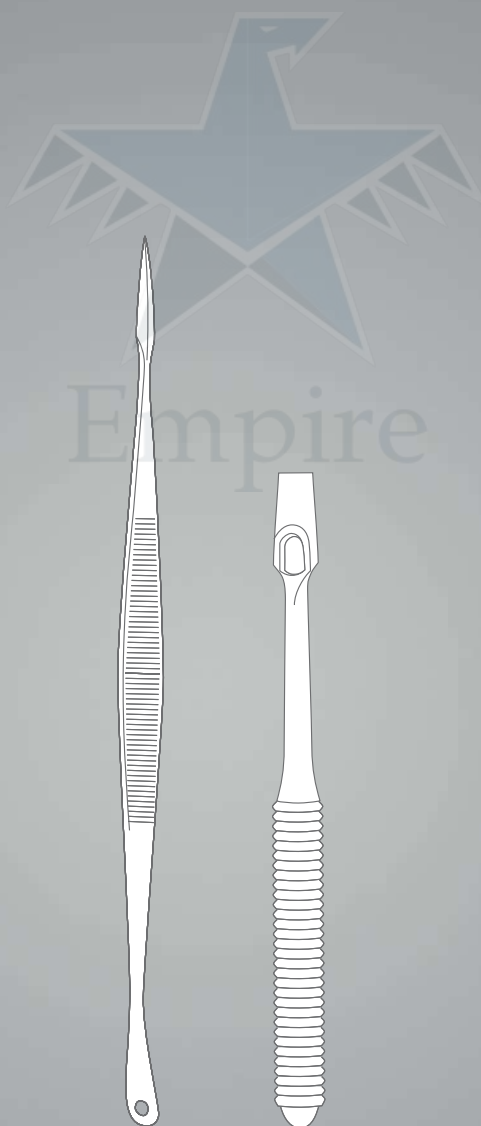
Lower part  
Parte inferior  
Partie inférieure  
Parte inferiore

23-963-02

Upper part  
Parte superior  
Partie supérieure  
Parte superiore

# 28

Special instruments  
Instrumentos especiales  
Instruments spécifiques  
Strumenti speciali



**Breast Dissector**

Disector de mama  
Dissecteur mammaire  
Dissettore mammario



1/2

28-100-02  
34 cm / 13 3/8"

Breast Dissector, bayoneta  
Disector de mama, bayoneta  
Dissecteur mammaire, baïonnette  
Dissettore mammario, baïonnette

AI



1/2

28-100-04  
37 cm / 14 1/8"

Hook Dissector  
Gancho disector mama  
Dissecteur à croc. mammaire  
Dissettore mammario a uncino

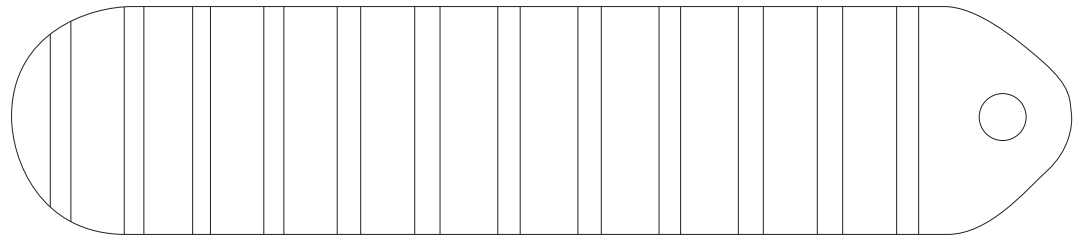
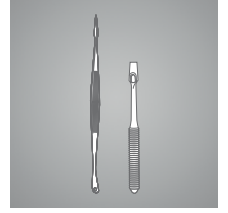
AI

## Breast Retractor

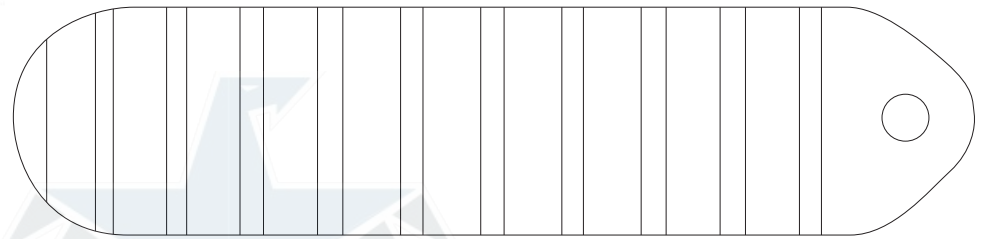
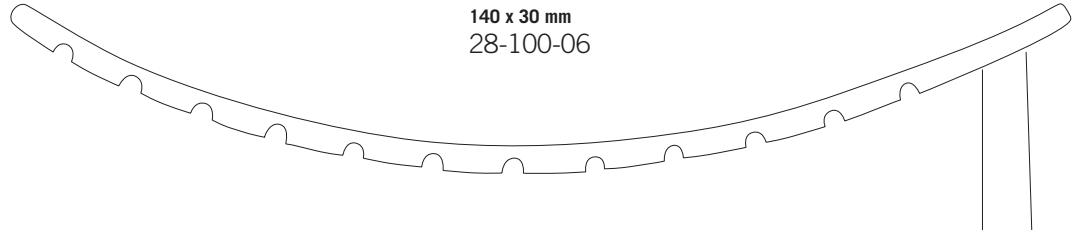
Retractor mama  
Dissecteur mammaire  
Dissettoe mammario

## Special instruments

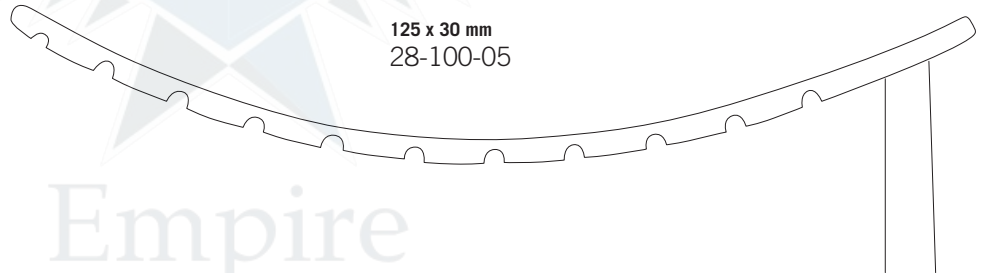
Instrumentos especiale  
Instruments spécifiques  
Strumenti speciali



140 x 30 mm  
28-100-06



125 x 30 mm  
28-100-05



1/2

28-100-05 -  
28-100-06  
27 cm / 10 5/8"

Breast Retractor  
Retractor mama  
Dissecteur mammaire  
Dissettoe mammario

AI



28-100-07

28 cm / 11"

Breast Elevator for Mammoplasty  
Elevador de mama para mamoplastia  
Élévateur mammaire pour plastie mammaire  
Elevatore mammario per mammoplastica



1/2

28-100-10	∅ 36 mm
28-100-11	∅ 40 mm
28-100-12	∅ 42 mm
28-100-13	∅ 45 mm

28-100-10 -  
28-100-13

Areola marker, blunt  
Anillo marc. pezón, romo  
Marqueur pour aréole, mousse  
Marcatore p. areola, smusso



1/2

28-120-00

7,5 cm / 3"

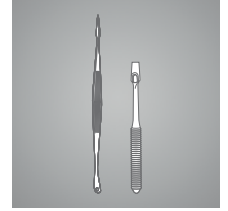
Adapter, LL/W to LL/W, 7,5 cm  
Adaptador transf., LL/F p. LL/F; 7,5 cm  
Adapt. transfert, LL/F vers LL/F, 7,5 cm  
Adattat. trasfer., LL/F a LL/F, 7,5 cm

## Milium knife, Lupus instruments

Chuchillo para milium, Instrumentos para lupus  
 Couteau pour milium, Instruments pour les lupus  
 Bisturi per milie, Strumenti per lupus

## Special instruments

Instrumentos especiale  
 Instruments spécifiques  
 Strumenti speciali



Lupus Scraper  
 Rascador para lupus  
 Rugine pour les lupus  
 Raschiatoio per lupus

1/2

3,7 mm  
 Vidal  
 28-135-14  
 13 cm / 5 1/8"



1/2

Fox  
 28-188-01 -  
 28-188-04  
 14 cm / 5 4/8"



1/4

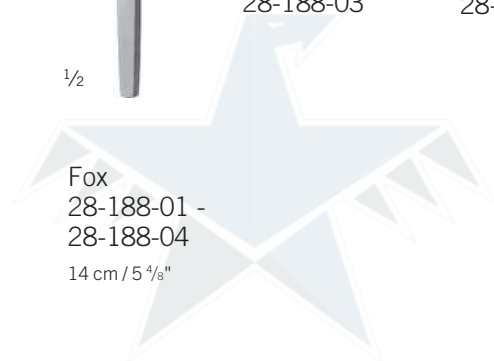
3,0 mm  
 Fig. 1  
 28-188-01

3,8 mm  
 Fig. 2  
 28-188-02



5,0 mm  
 Fig. 3  
 28-188-03

6,0 mm  
 Fig. 4  
 28-188-04



Empire



1/4

1/2

Wolff  
 28-196-01 -  
 28-196-06  
 14 cm / 5 4/8"



5,0 mm  
 Fig. 1  
 28-196-01



5,5 mm  
 Fig. 2  
 28-196-02



6,0 mm  
 Fig. 3  
 28-196-03



6,5 mm  
 Fig. 4  
 28-196-04



7,2 mm  
 Fig. 5  
 28-196-05



8,0 mm  
 Fig. 6  
 28-196-06

### Skin Hooklets, Dermal Punches

Ganchitos para piel, Trépanos para piel  
 Erignes cutanées, Trépans cutanés  
 Uncini cutanei, Trefine cutanee



Kilner  
 28-203-15  
 14,5 cm / 5 7/8"  
 sharp  
 agudo  
 pointu  
 acuto



Gillies  
 28-207-18 -  
 28-209-18  
 18 cm / 7 1/8"



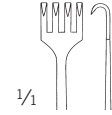
**Fig. 1**  
 28-207-18  
 small radius, sharp  
 radio pequeño, agudo  
 petit rayon, affûté  
 raggio piccolo, acuto



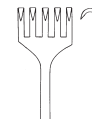
**Fig. 2**  
 28-209-18  
 large radius, sharp  
 radio grande, agudo  
 grand rayon, affûté  
 raggio grande, acuto



Kaye  
 28-215-03 -  
 28-215-04  
 13 cm / 5 1/8"



28-215-03



28-215-04

Empire



Keyes  
 28-240-02 -  
 28-240-08  
 11 cm / 4 3/8"



Ø 2,0 mm  
 28-240-02



Ø 3,0 mm  
 28-240-03



Ø 4,0 mm  
 28-240-04



Ø 5,0 mm  
 28-240-05



Ø 6,0 mm  
 28-240-06



Ø 7,0 mm  
 28-240-07



Ø 8,0 mm  
 28-240-08

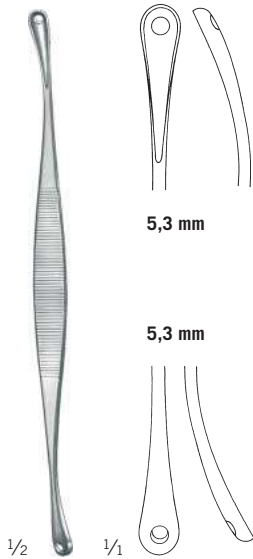
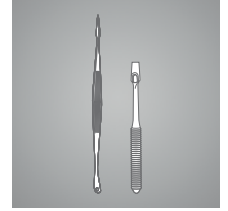


## Comedone Extractors

Extractores para comedones  
Tire-comédons  
Tiracomedoni

## Special instruments

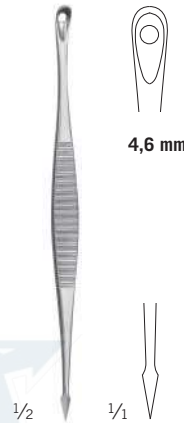
Instrumentos especial  
Instruments spécifiques  
Strumenti speciali



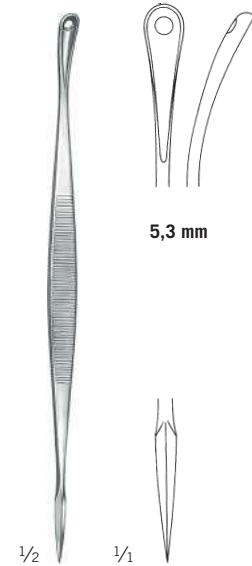
Unna  
28-261-14  
14,5 cm / 5 <sup>6</sup>/<sub>8</sub>"



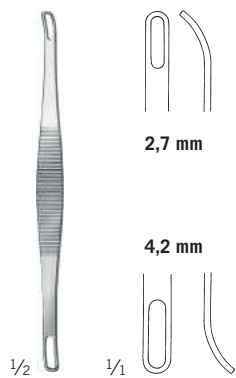
Unna  
28-263-14  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



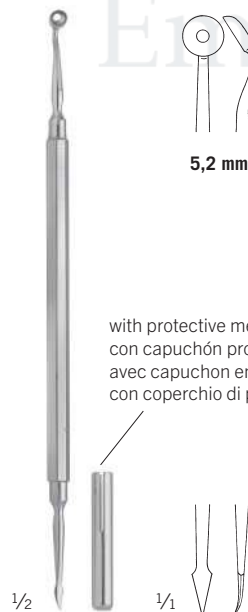
Saalfeld  
28-271-10  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"



Saalfeld  
28-275-14  
14,5 cm / 5 <sup>6</sup>/<sub>8</sub>"



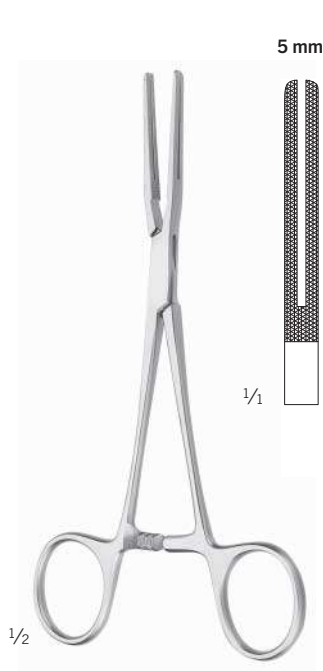
Schamberg  
28-279-10  
9,5 cm / 3 <sup>6</sup>/<sub>8</sub>"



Katsch  
28-294-14  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Unna-Vidal  
28-296-11  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"

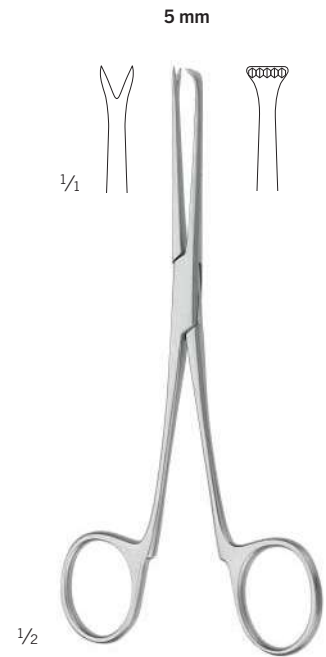


**Aiach**  
28-298-16  
16 cm / 6 2/8"

Forceps  
Pinza mosquito  
Pince  
Pinza



**d'Assumpção**  
28-300-15  
16 cm / 6 2/8"



**Pitanguy**  
28-372-16  
16 cm / 4 5/8"

Facelift marker  
Marcador  
Marqueur  
Marcatore



28-370-12



28-371-12

1/1

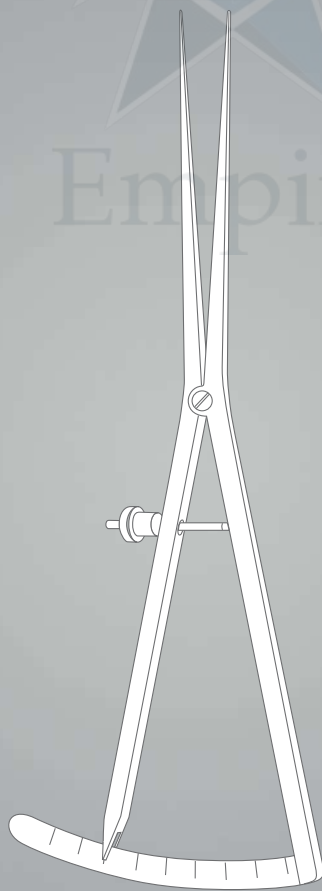


28-370-12 -  
28-371-12  
12 cm / 4 6/8"

1/2

# 35

Calipers  
Compasses  
Compas  
Compassi





Castroviejo  
35-133-07

8 cm / 3 1/8"

effective range  
alcance eficaz  
série effectif  
rango effective  
**0-20 mm**



Empire



Castroviejo  
35-133-09

8 cm / 3 1/8"

effective range  
alcance eficaz  
série effectif  
rango effective  
**0-20 mm**



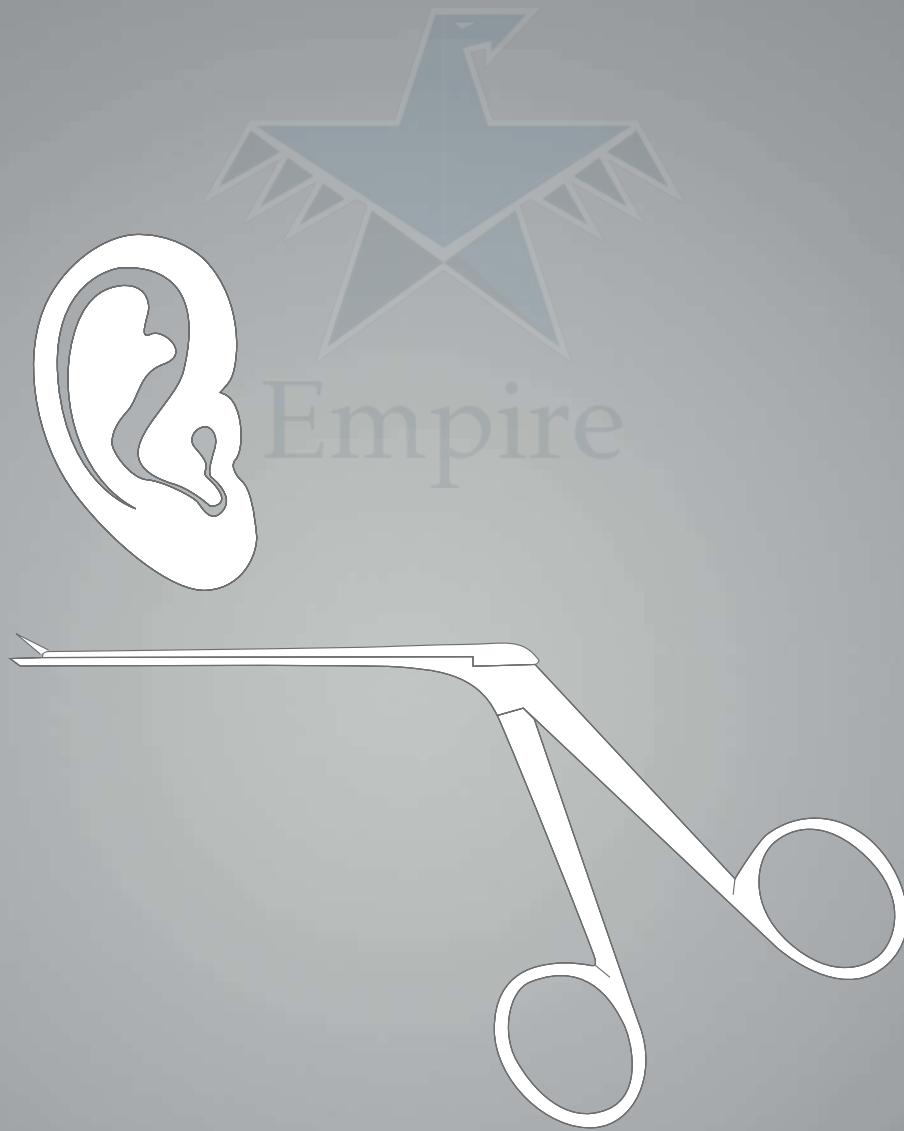
Castroviejo-Epker  
35-134-09

9 cm / 3 4/8"

effective range  
alcance eficaz  
série effectif  
rango effective  
**0-40 mm**

# 36

Otology  
Otología  
Otologie  
Otologia



### Nasal Specula, Ear Forceps

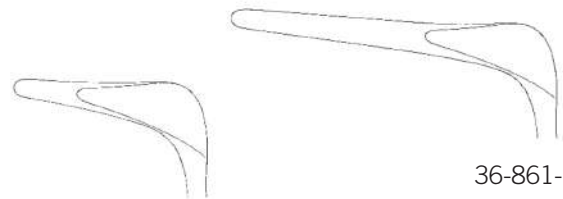
Espéculos nasales, Pinzas auriculares  
Spéculums nasaux, Pincas auriculaires  
Specoli nasali, Pinze auricolari



Jansen  
36-395-16  
16 cm / 6 2/8"



Cottle  
36-861-45 -  
36-861-75  
schwarz  
black  
negro  
noir  
nero



36-861-45  
14 cm / 5 4/8"  
Blätter  
blades  
hojas  
lames  
lame  
45 mm

36-861-75

Blätter  
blades  
hojas  
lames  
lame  
75 mm



Hartmann-Halle  
36-845-01 -  
36-845-03  
16 cm / 6 2/8"

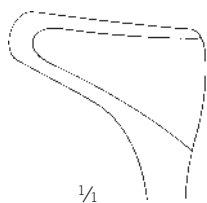


Fig. 1  
36-845-01  
blades  
hojas  
lames  
lame  
27 mm



Fig. 2  
36-845-02  
blades  
hojas  
lames  
lame  
31 mm

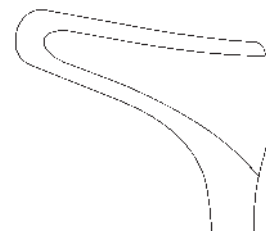


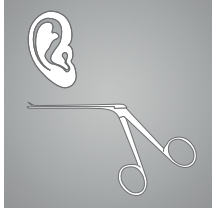
Fig. 3  
36-845-03  
blades  
hojas  
lames  
lame  
35 mm

## Nasal Specula

Espéculos nasales  
Spéculums nasaux  
Specoli nasali

## Otology

Otología  
Otologie  
Otologia



Blätter  
blades  
hojas  
lames  
lame  
**17 mm**

Martin  
36-848-13  
13 cm / 5 1/8"

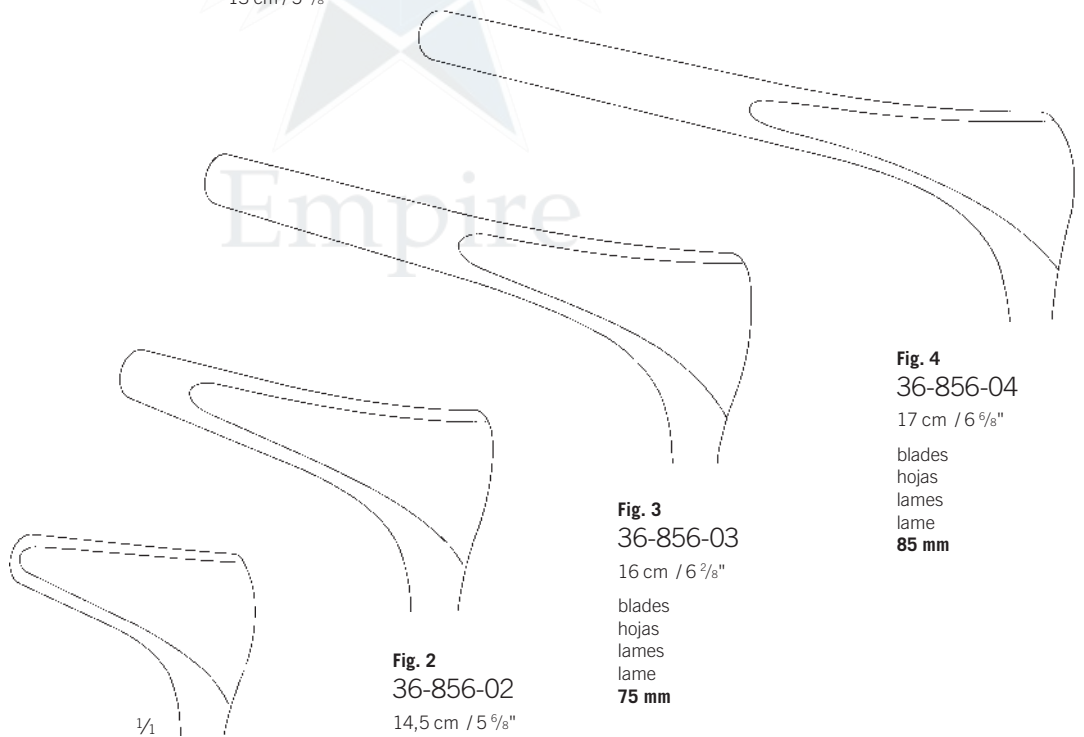


Blätter  
blades  
hojas  
lames  
lame  
**16 mm**

Tieck-Halle  
36-852-13  
13 cm / 5 1/8"



Killian  
36-856-01 -  
36-856-04



**Fig. 1**  
36-856-01  
14 cm / 5 4/8"  
blades  
hojas  
lames  
lame  
**35 mm**

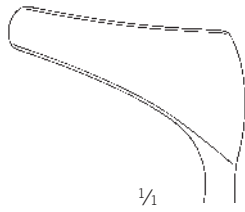
**Fig. 2**  
36-856-02  
14,5 cm / 5 6/8"  
blades  
hojas  
lames  
lame  
**50 mm**

**Fig. 3**  
36-856-03  
16 cm / 6 2/8"  
blades  
hojas  
lames  
lame  
**75 mm**

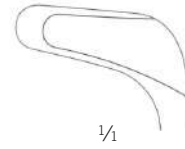
**Fig. 4**  
36-856-04  
17 cm / 6 6/8"  
blades  
hojas  
lames  
lame  
**85 mm**



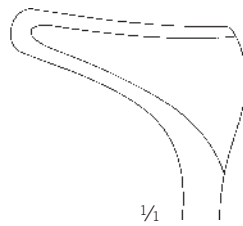
Mod. Wien  
36-858-14  
13,5 cm / 5 3/8"



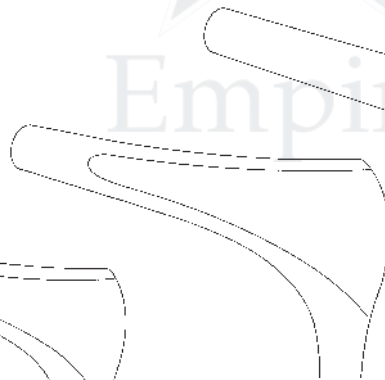
Schwarz  
36-854-14  
14 cm / 5 1/2"



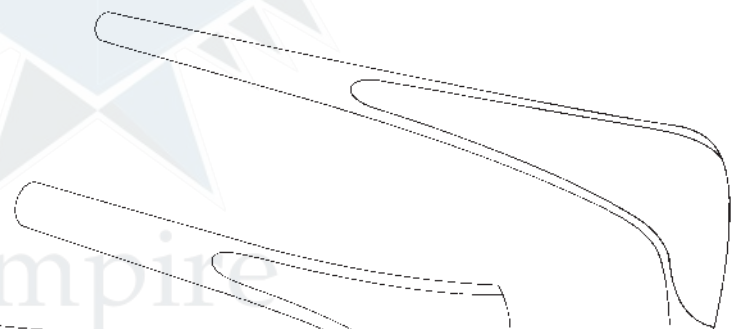
Cottle  
36-859-35 -  
36-859-90



**Fig. 1**  
36-859-35  
13,5 cm / 5 3/8"  
blades  
hojas  
lames  
lame  
**35 mm**



**Fig. 2**  
36-859-50  
14 cm / 5 1/8"  
blades  
hojas  
lames  
lame  
**50 mm**



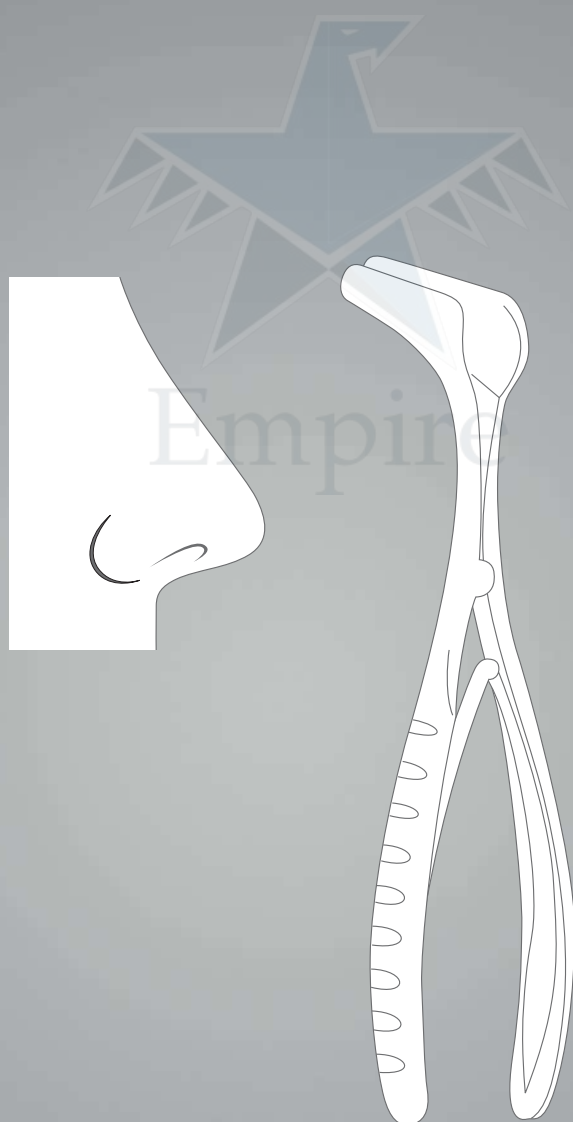
**Fig. 3**  
36-859-75  
16 cm / 6 2/8"  
blades  
hojas  
lames  
lame  
**75 mm**

**Fig. 4**  
36-859-90  
16 cm / 6 2/8"  
blades  
hojas  
lames  
lame  
**85 mm**



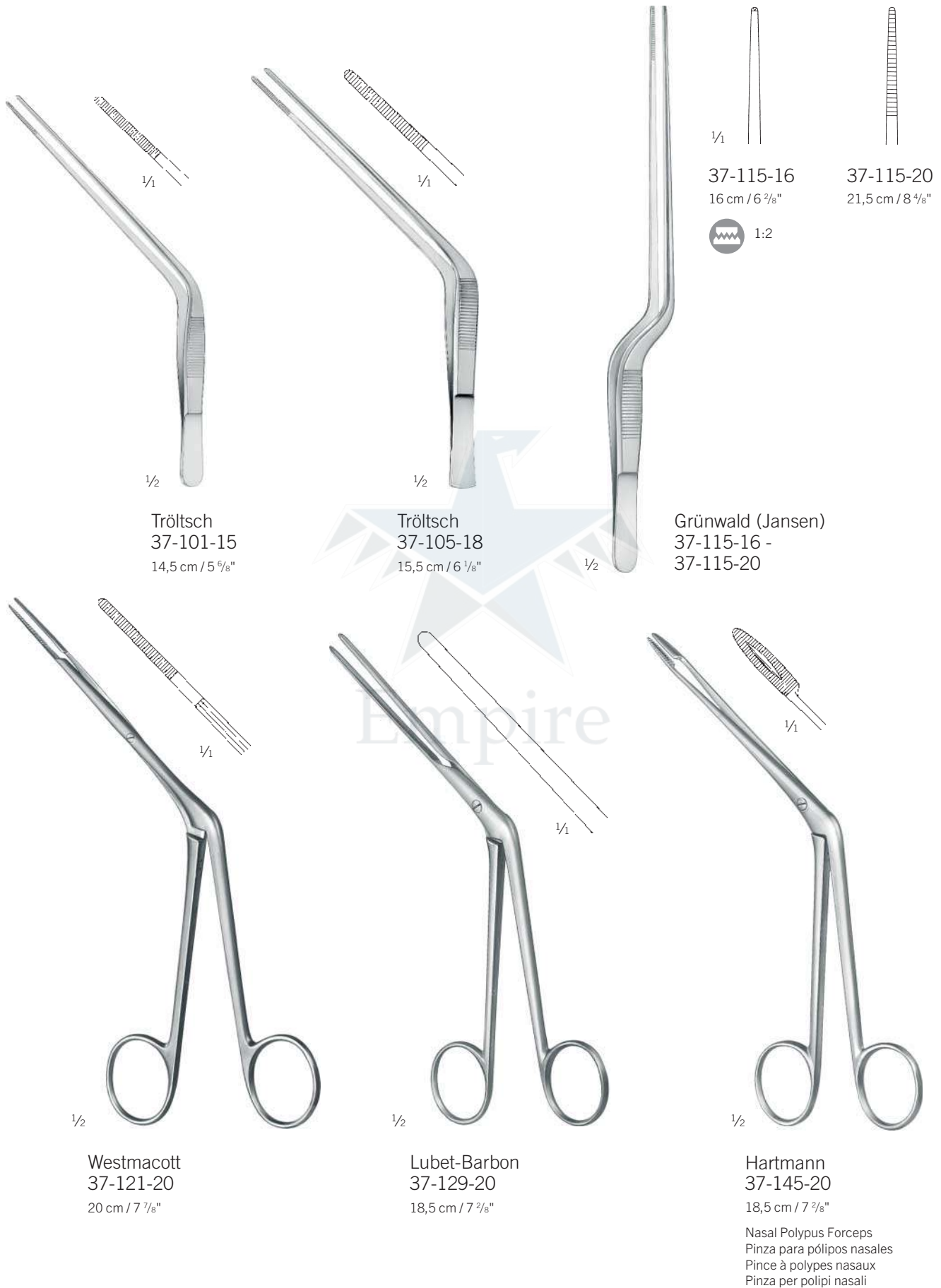
Rhinology  
Rinología  
Rhinologie  
Rinologia

# 37



## Nasal Tampon Forceps, Nasal Tampon Forceps

Pinzas para taponamiento, Pinzas para taponamiento  
 Pincas à pansements, Pincas à pansements  
 Pinze per medicature, Pinze per medicature

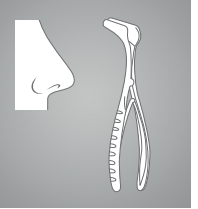


## Septum Forceps

Pinzas para tabique nasal  
Pinces pour la cloison nasale  
Pinze per il setto nasale

## Rhinology

Rinología  
Rhinologie  
Rinologia



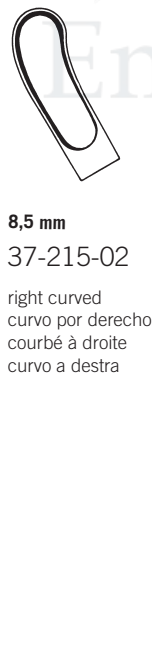
**5,0 mm**  
Knight  
37-207-18  
17 cm / 6 5/8"



**5,5 mm**  
Graig  
37-213-18  
16 cm / 6 1/8"



**8,5 mm**  
37-215-01  
left curved  
curvo por izquierdo  
courbé à gauche  
curvo a sinistra



**8,5 mm**  
37-215-02  
right curved  
curvo por derecho  
courbé à droite  
curvo a destra



**6,6 mm**  
Fig. 1  
37-227-01



**7,6 mm**  
Fig. 2  
37-227-02



**8,7 mm**  
Fig. 3  
37-227-03



**9,6 mm**  
Fig. 4  
37-227-04

37-215-01 -  
37-215-02  
15,5 cm / 6 1/8"

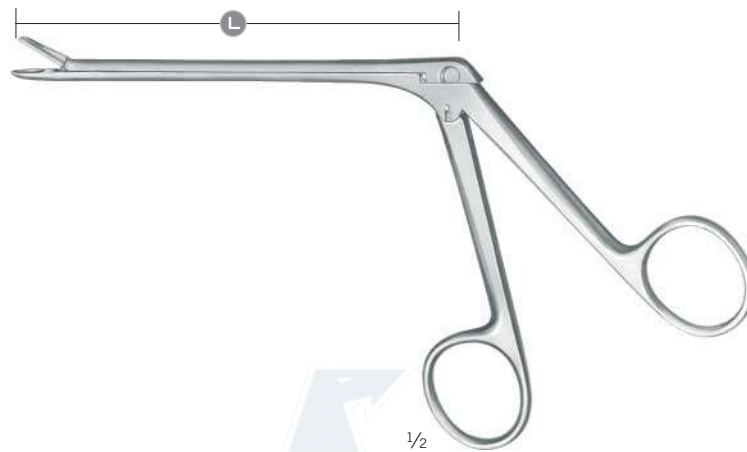
Brünings  
37-227-01 -  
37-227-04  
16,5 cm / 6 4/8"

## Nasal Cutting Forceps, Ethmoid Bone Forceps









Pinzas nasales cortantes, Pinzas para etmoides

Pinces nasales coupantes, Pinces éthmoidales

Pinze taglianti per il naso, Pinze etmoidali



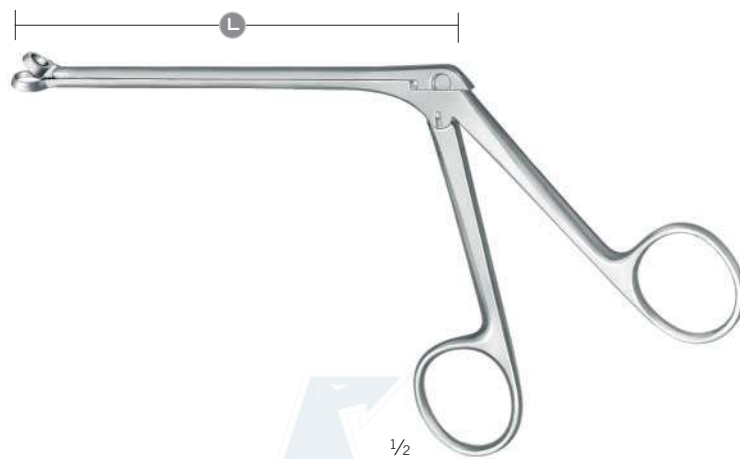
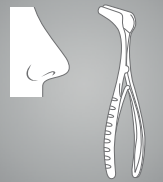
Weil-Blakesley  
37-255-01 -  
37-258-04

Jaw width Anchura de la boca Largeur de mors Larghezza della bocca	straight recto droit diritto	Jaw width Anchura de la boca Largeur de mors Larghezza della bocca	
		45° angled upward acodado arrib angulé vers le haut angolato verso l'alto	90° angled upward acodado arrib angulé vers le haut angolato verso l'alto
			
	$\frac{1}{4}$	$\frac{1}{4}$	
	<b>L</b>	<b>12 cm</b>	<b>12 cm</b>
Fig. 1 3,0 mm 	37-255-01	37-256-01	37-258-01
Fig. 2 3,5 mm 	37-255-02	37-256-02	37-258-02
Fig. 3 4,5 mm 	37-255-03	37-256-03	37-258-03
Fig. 4 5,5 mm 	37-255-04	37-256-04	37-258-04
Fig. 5 6,0 mm 	37-255-05		






## Nasal Cutting Forceps, Ethmoid Bone Forceps

Pinzas nasales cortantes, Pinzas para etmoides  
 Pincas nasales coupantes, Pincas étmoidales  
 Pinze taglianti per il naso, Pinze etmoidali

Rhinology  
 Rinología  
 Rhinologie  
 Rinologia



Hartmann  
 37-309-01 -  
 37-309-04

<p>Jaw width                  Anchura de la boca                  Largeur de mors                  Larghezza della bocca</p>	<p><math>\frac{1}{1}</math></p>  <p>Hartmann</p>	
	<p><b>L</b> 12 cm</p>	
<p>Fig. 1                  Ø 5,0 mm</p>	<p></p>	<p>37-309-01</p>
<p>Fig. 2                  Ø 7,0 mm</p>	<p></p>	<p>37-309-02</p>
<p>Fig. 3                  Ø 9,0 mm</p>	<p></p>	<p>37-309-03</p>
<p>Fig. 4                  Ø 11,0 mm</p>	<p></p>	<p>37-309-04</p>

**Septum Morselizers**

Pinzas para aplastamiento

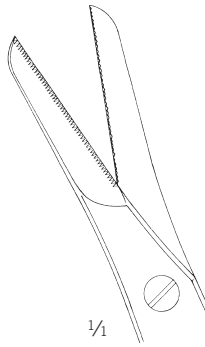
Pinces-gouge pour la cloison nasale

Pinze contundente per il setto nasale



1/2

Caplan  
37-331-20  
20 cm / 7 7/8"



1/1

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



1/1

Rubin  
37-335-20  
20 cm / 7 7/8"



1/2

Rubin  
37-335-21  
18,5 cm / 7 3/8"



1/1



1/2

Rubin  
37-335-01

Protection Cap  
Caperuza protectora  
Capuchon protecteur  
Calotta protettiva

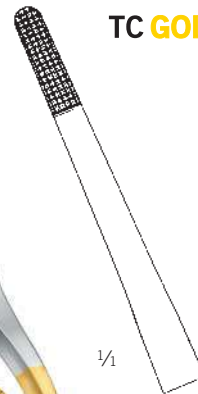


37-335-21



1/2

Rubin  
37-337-21  
18,5 cm / 7 3/8"



1/1

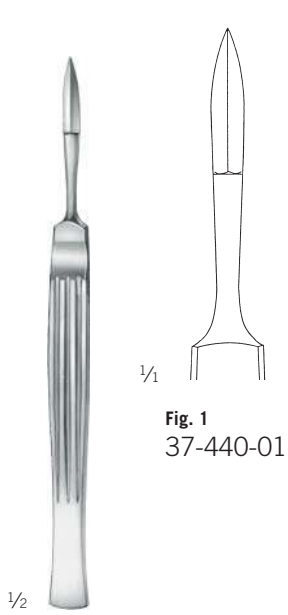
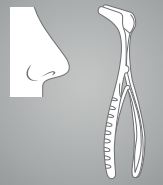
**TC GOLD**

## Rhinoplastic knives

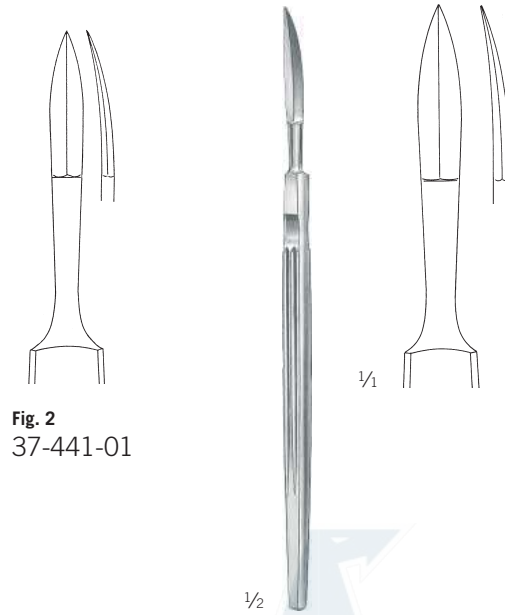
Cuchillos rinoplásticos  
Couteaux pour plastie du nez  
Bisturi per plastica nasale

## Rhinology

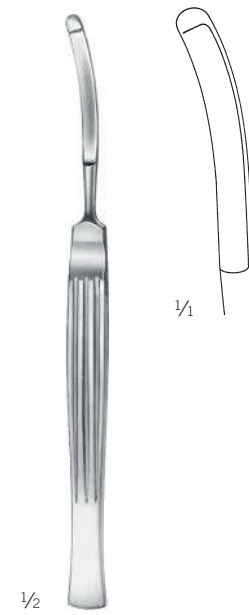
Rinología  
Rhinologie  
Rinologia



**Fig. 1**  
37-440-01



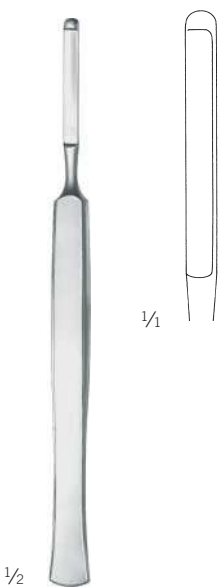
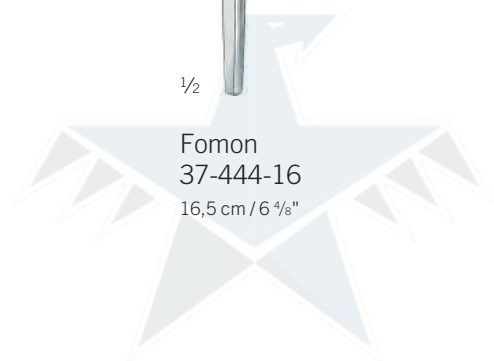
**Fig. 2**  
37-441-01



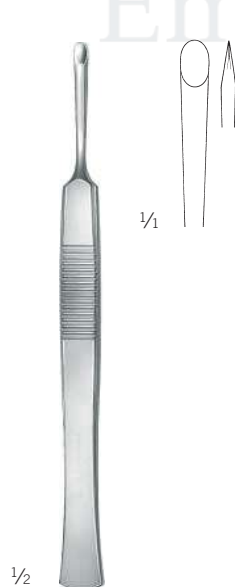
**Converse**  
37-459-16  
16 cm / 6 2/8"

**Joseph**  
37-440-01 -  
37-441-01  
15 cm / 5 7/8"

**Fomon**  
37-444-16  
16,5 cm / 6 4/8"



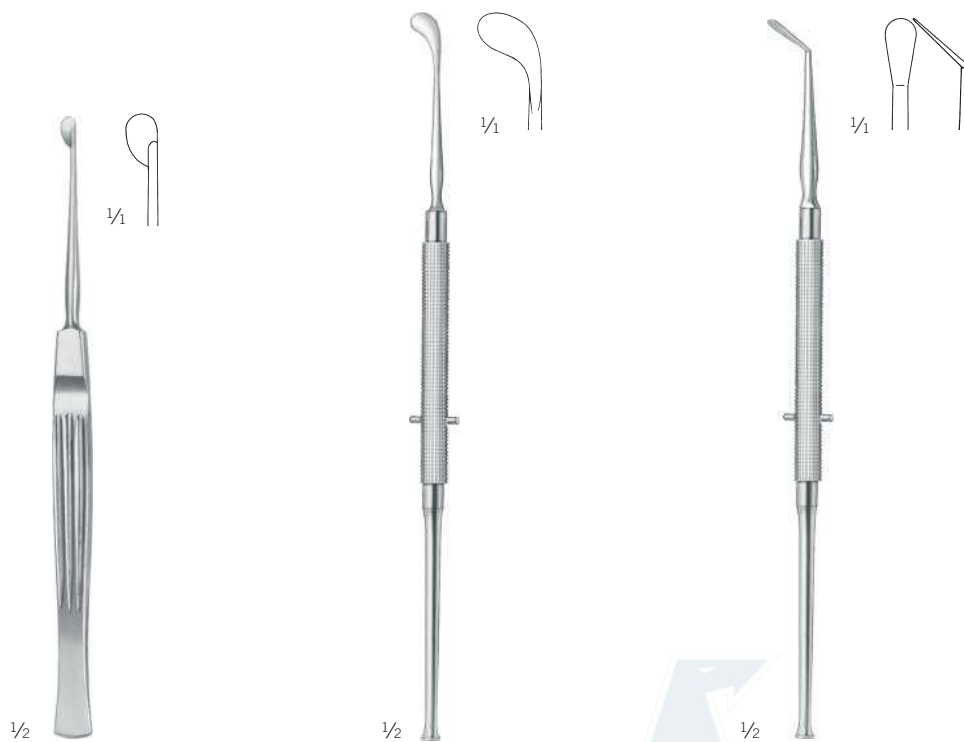
**Joseph**  
37-466-15  
15,5 cm / 6 1/8"



**Cottle**  
37-468-15  
14 cm / 5 4/8"

### Septum knives, Swivel knives

Cuchillos para tabique nasal  
 Bistouris pour la cloison nasale  
 Bisturi per il setto nasale

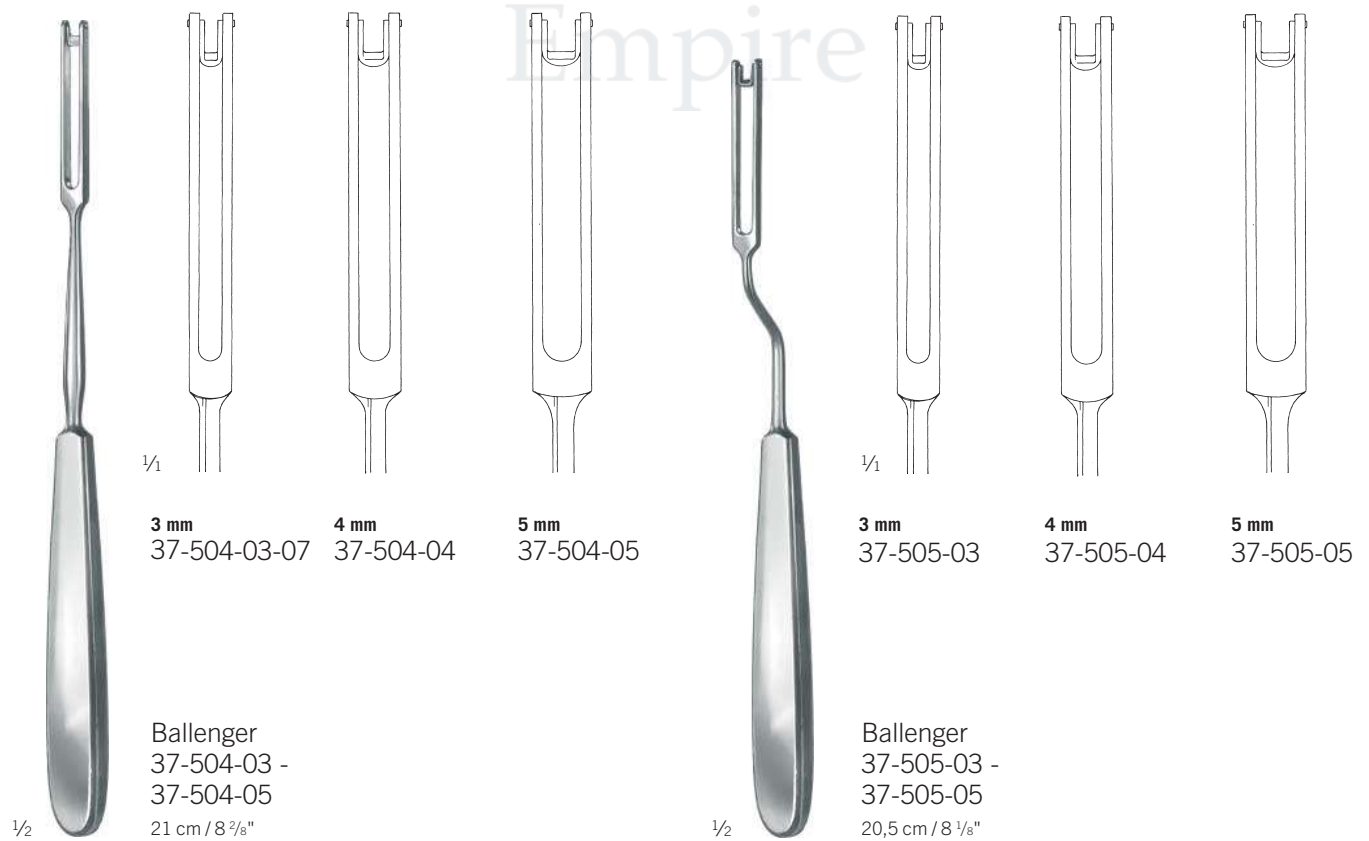


Freer  
 37-484-15  
 16,5 cm / 6 5/8"

Mucosa Knife  
 Cuchillo para mucosa  
 Couteau pour muqueuse  
 Bisturi per mucosa

Freer  
 37-497-19  
 19 cm / 7 4/8"

Freer  
 37-499-19  
 18,5 cm / 7 3/8"



**3 mm**  
 37-504-03-07

**4 mm**  
 37-504-04

**5 mm**  
 37-504-05

**3 mm**  
 37-505-03

**4 mm**  
 37-505-04

**5 mm**  
 37-505-05

Ballenger  
 37-504-03 -  
 37-504-05  
 21 cm / 8 2/8"

Ballenger  
 37-505-03 -  
 37-505-05  
 20,5 cm / 8 1/8"

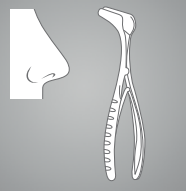


## Septum elevators

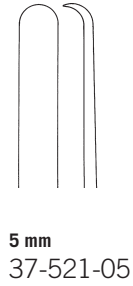
Elevadores para tabique nasal  
 Elevateurs pour la cloison nasale  
 Elevatori per il setto nasale

## Rhinology

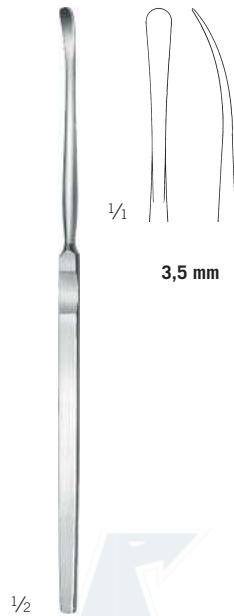
Rinología  
 Rinologie  
 Rinologia



1/1  
**4 mm**  
 37-521-04



**5 mm**  
 37-521-05



1/1  
**3,5 mm**

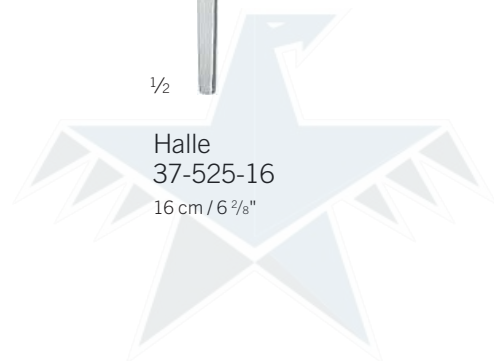


1/1  
**4 mm**

McKenty  
 37-521-04 -  
 37-521-05  
 15 cm / 5 7/8"

Halle  
 37-525-16  
 16 cm / 6 1/8"

Joseph  
 37-531-16  
 16,5 cm / 6 1/2"

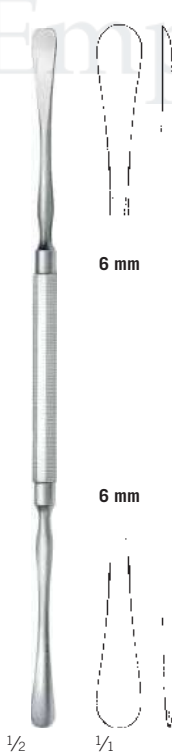


Empire



1/1  
**5 mm**  
 37-541-19

sharp  
 agudo  
 pointu  
 acuto



**6 mm**

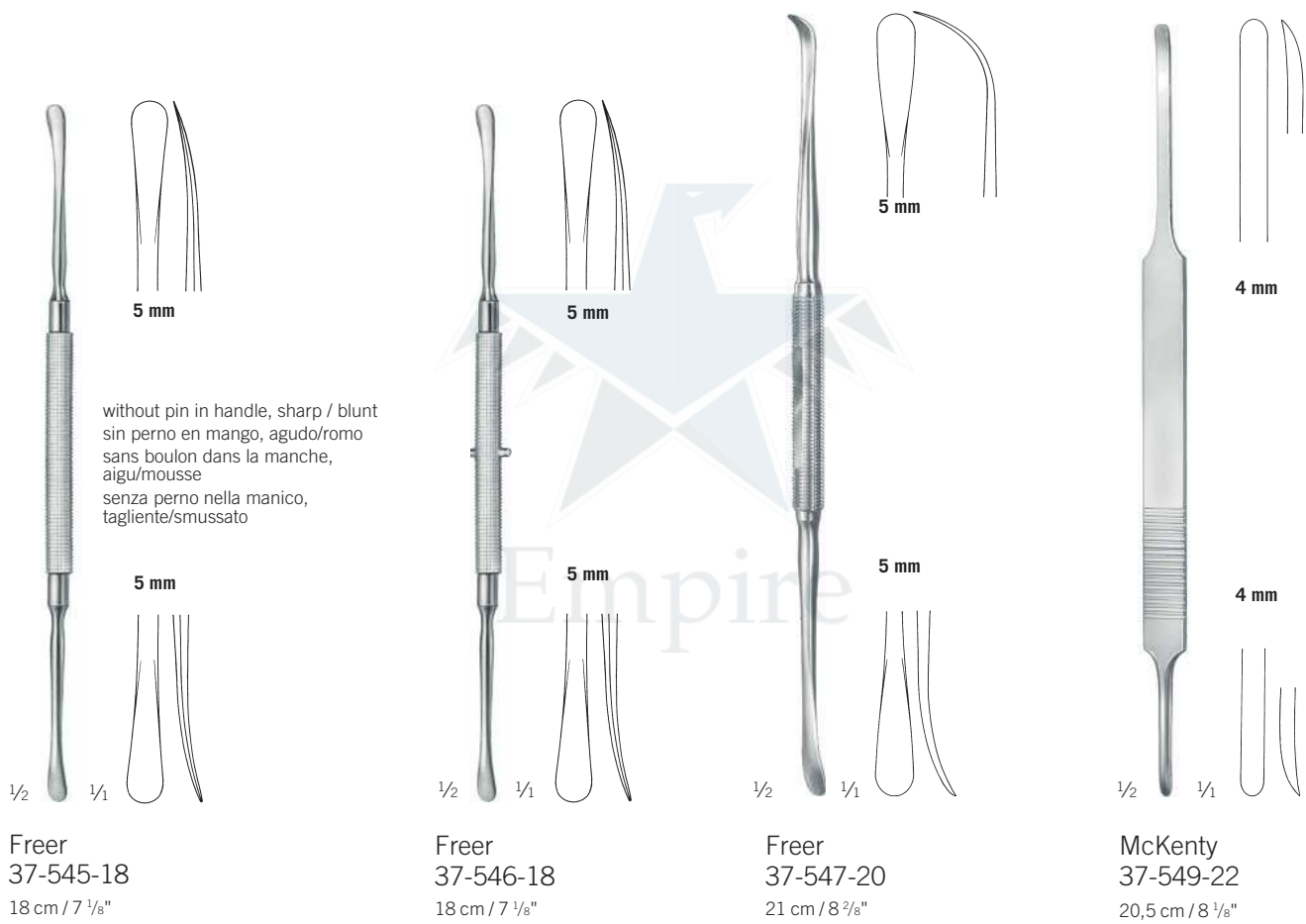
**6 mm**

Freer  
 37-541-19 -  
 37-543-19  
 19 cm / 7 1/2"

Ballenger-Hajek  
 37-550-19  
 19 cm / 7 1/2"

### Septum elevators

Elevadores para tabique nasal  
 Elévateurs pour la cloison nasale  
 Elevatori per il setto nasale

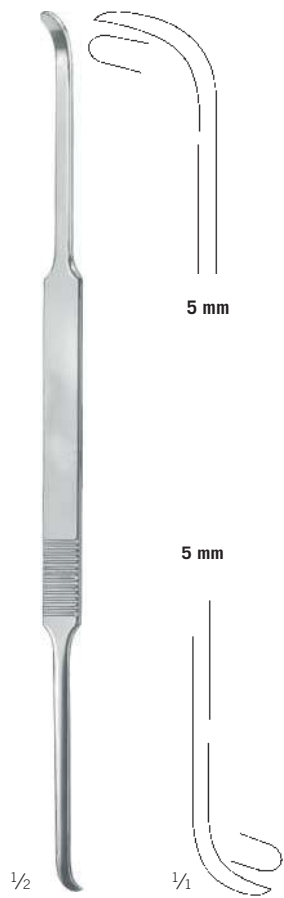
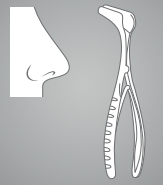


## Septum elevators

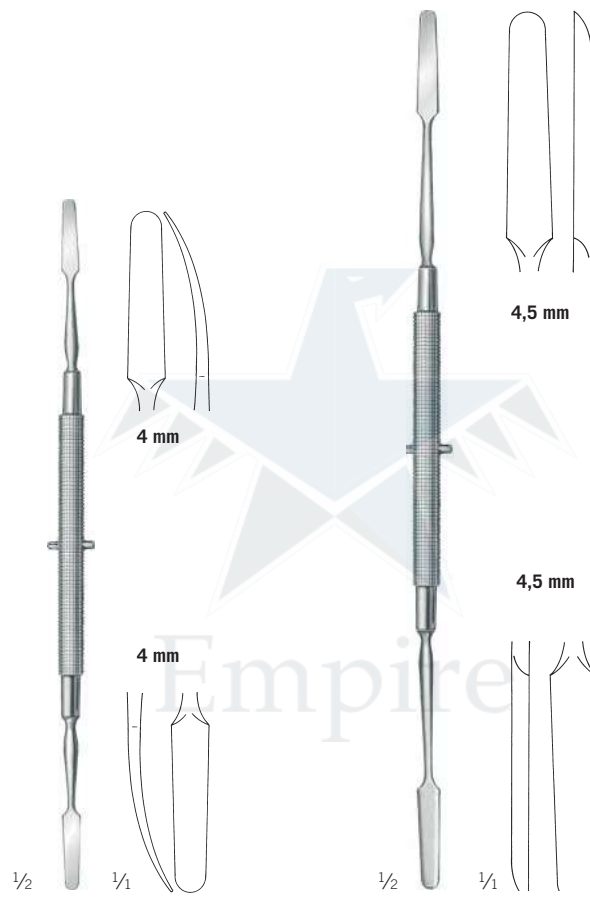
Elevadores para tabique nasal  
Elévateurs pour la cloison nasale  
Elevatori per il setto nasale

## Rhinology

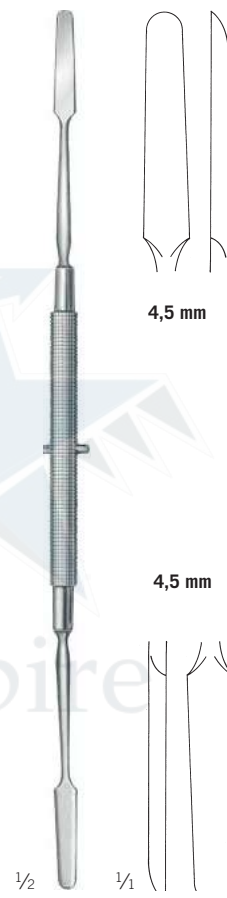
Rinología  
Rhinologie  
Rinologia



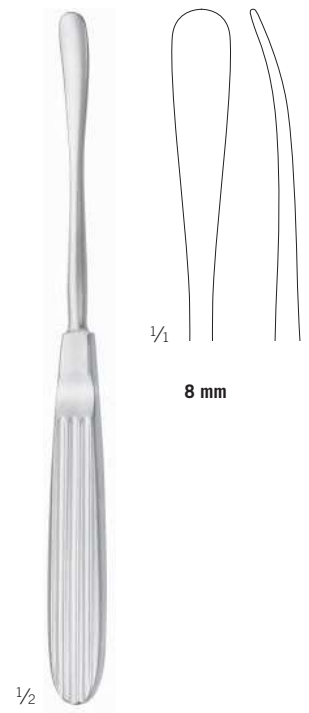
Cottle  
37-559-23  
23,5 cm / 9 2/8"



Killian  
37-560-18  
18 cm / 7 1/8"



Killian  
37-562-22  
23,5 cm / 9 2/8"



Cottle  
37-566-18  
18 cm / 7 1/8"

## Periosteal Elevators

Legras para periostio  
 Élévateurs pour le périoste  
 Elevatori per il periostio

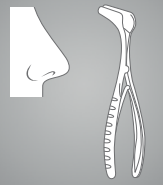


## Periosteal Elevators

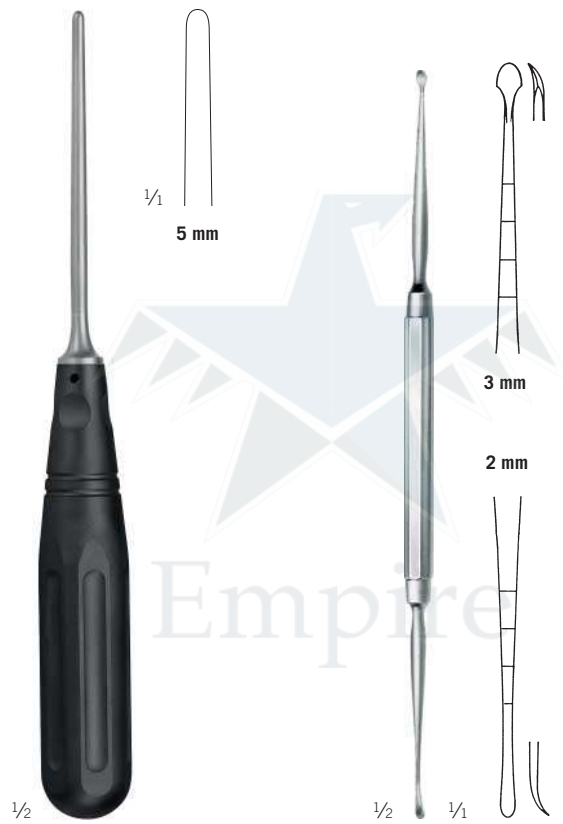
Legras para periostio  
Élévateurs pour le périoste  
Elevatori per il periosto

## Rhinology

Rinologia  
Rhinologie  
Rinologia

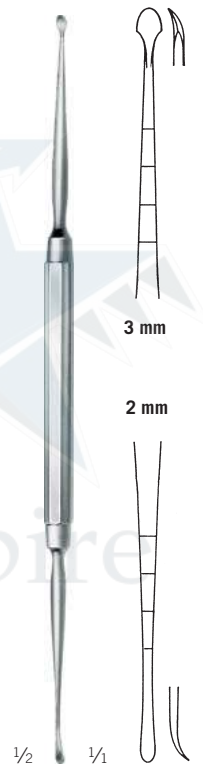


Cottle  
37-581-22  
23 cm / 9"

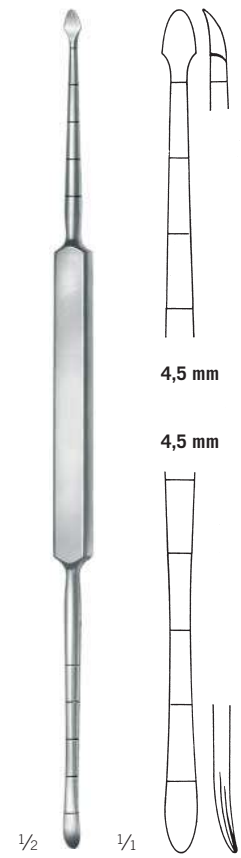


37-582-17  
17 cm / 6 5/8"

AI



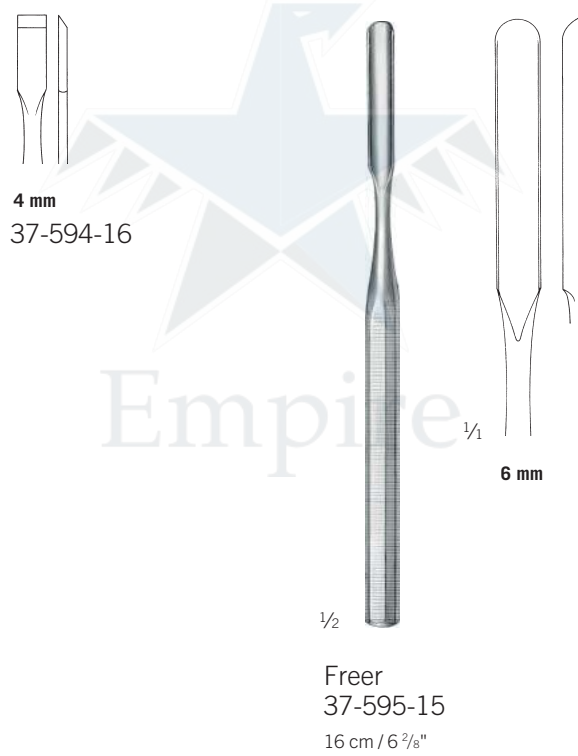
Masing  
37-583-21  
19,5 cm / 7 5/8"



Cottle  
37-584-21  
22 cm / 8 5/8"

### Septum Chisels, Septum Gouges

Cinceles para tabique nasal, Gubias para tabique nasal  
 Elévateurs pour le périoste, Gouges pour la cloison nasale  
 Elevatori per il periosto, Sgorbie per il setto nasale

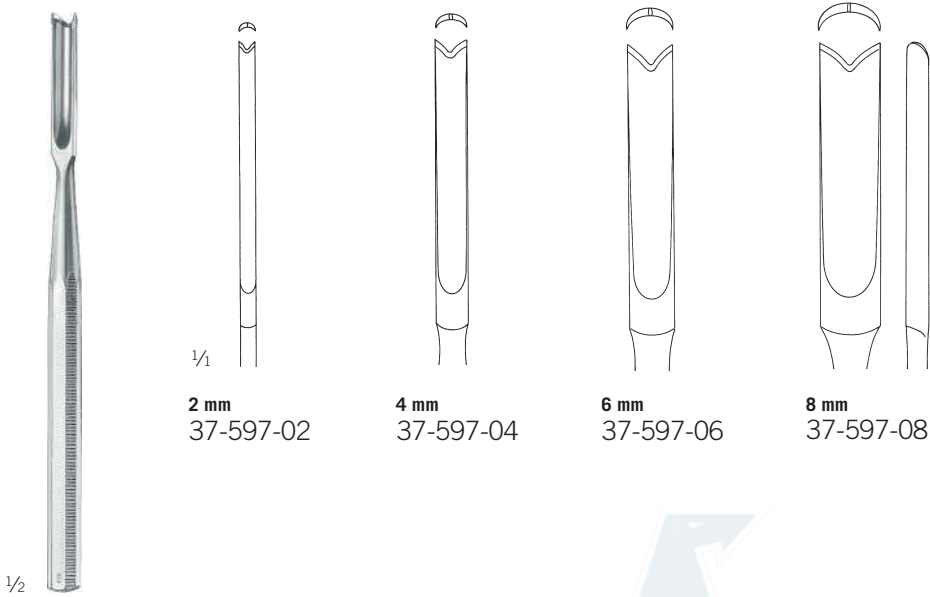
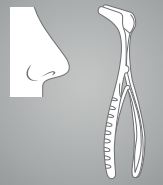


## Septum Gouges

Gubias para tabique nasal  
Gouges pour la cloison nasale  
Sgorbie per il setto nasale

## Rhinology

Rinología  
Rhinologie  
Rinologia



2 mm  
37-597-02

4 mm  
37-597-04

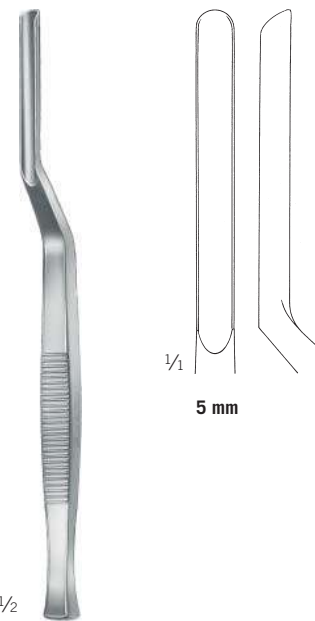
6 mm  
37-597-06

8 mm  
37-597-08

Ballenger  
37-597-02 -  
37-597-08  
15 cm / 5 7/8"

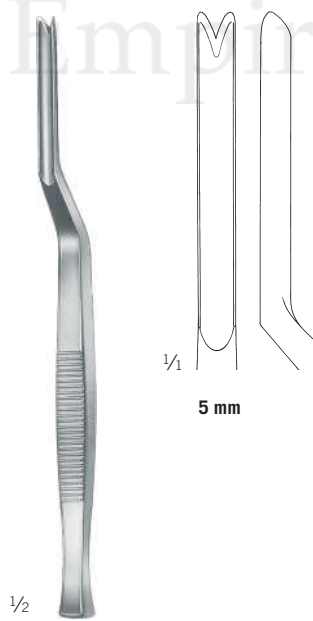


Empire



1/4  
5 mm

1/2  
Killian  
37-601-16  
16 cm / 6 2/8"

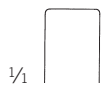


1/4  
5 mm

1/2  
Killian-Claus  
37-605-16  
16 cm / 6 2/8"

**Osteotomes**

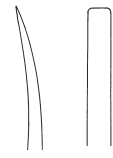
Osteótomos  
Osteótomes  
Osteotomi



37-606-04	4 mm
37-606-07	7 mm
37-606-09	9 mm
37-606-12	12 mm

1/2

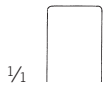
Cottle  
37-606-04 -  
37-606-12  
18,5 cm / 7 2/8"



6 mm

1/2

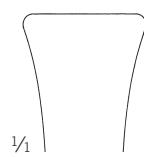
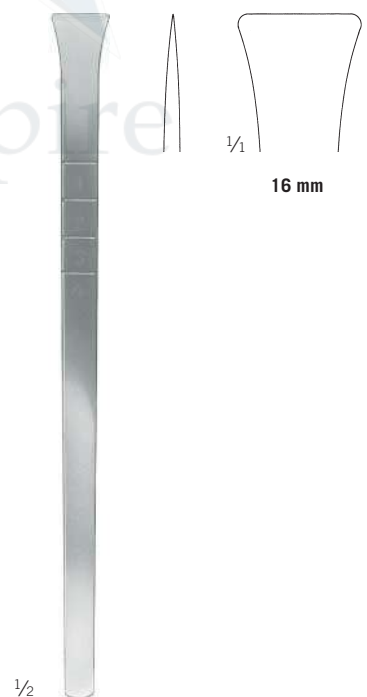
Cottle  
37-607-06  
18,5 cm / 7 2/8"



37-608-02	2 mm
37-608-04	4 mm
37-608-07	7 mm
37-608-09	9 mm
37-608-12	12 mm

1/2

Cottle  
37-608-02 -  
37-608-12  
18,5 cm / 7 2/8"



16 mm

1/2

Cottle  
37-610-16  
18,5 cm / 7 2/8"

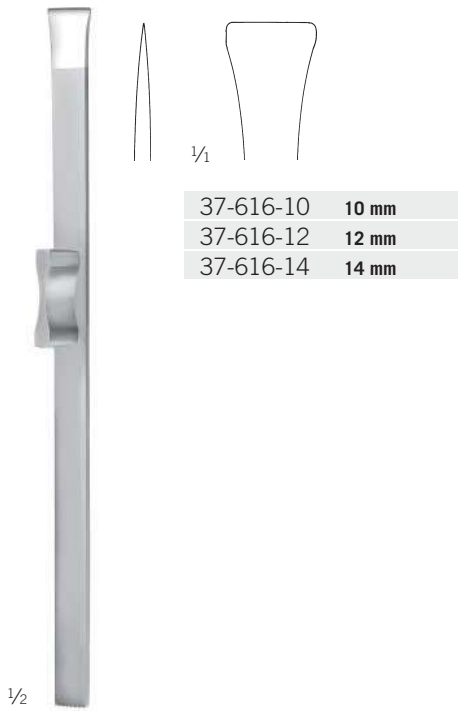
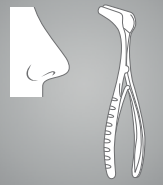


## Osteotomes, Chisels

Osteótomos, Cinceles  
 Ostéotomes, Ciseaux-burins  
 Osteotomi, Scalpelli

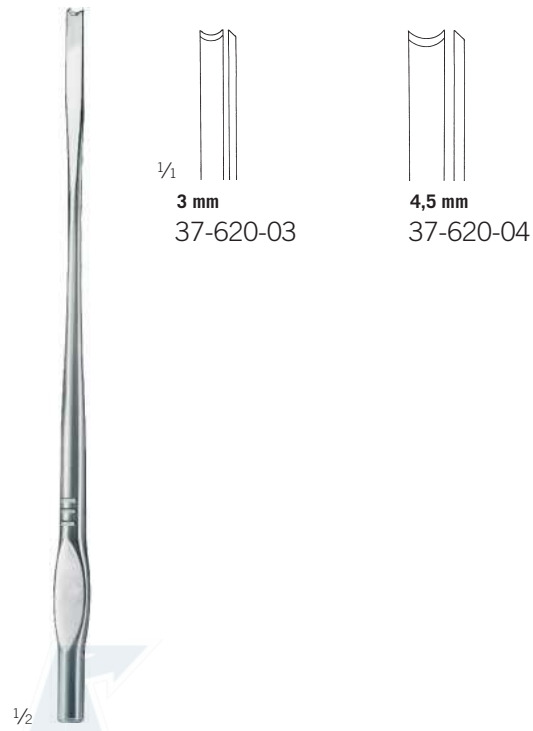
## Rhinology

Rinología  
 Rhinologie  
 Rinologia

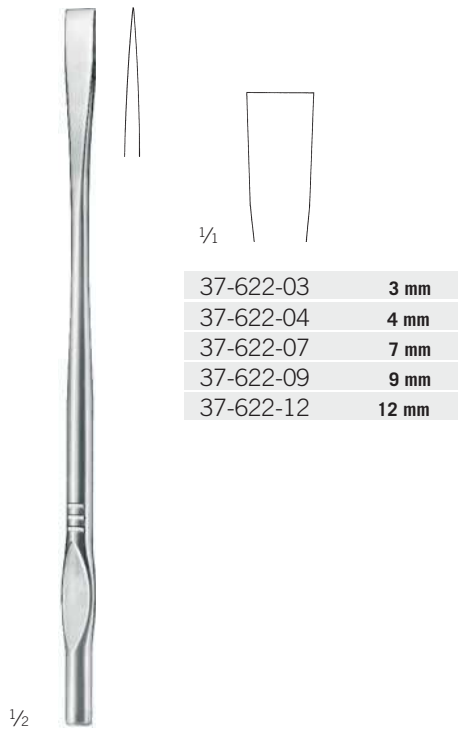


37-616-10	10 mm
37-616-12	12 mm
37-616-14	14 mm

Rubin  
 37-616-10 -  
 37-616-14  
 18,5 cm / 7 7/8"

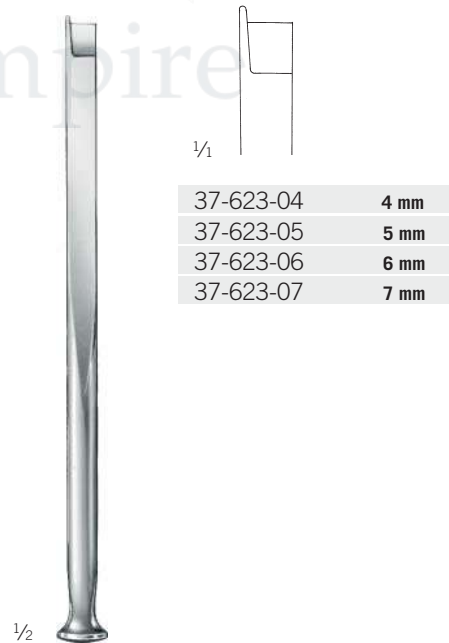


Walter  
 37-620-03 -  
 37-620-04  
 19 cm / 7 7/8"



37-622-03	3 mm
37-622-04	4 mm
37-622-07	7 mm
37-622-09	9 mm
37-622-12	12 mm

Walter  
 37-622-03 -  
 37-622-12  
 19 cm / 7 7/8"



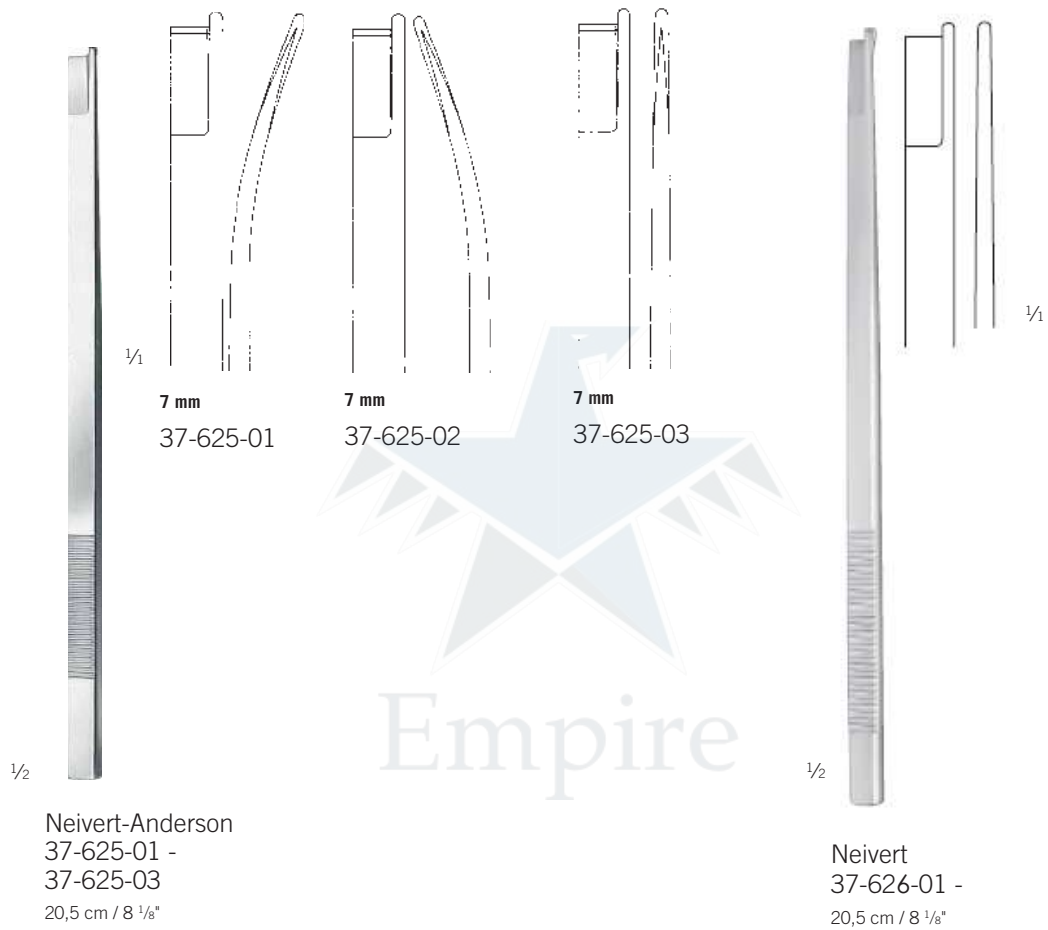
37-623-04	4 mm
37-623-05	5 mm
37-623-06	6 mm
37-623-07	7 mm

Fomon  
 37-623-04 -  
 37-623-07  
 16 cm / 6 3/8"



## Osteotomes

Osteótomos  
Ostéotomes  
Osteotomi



## Rhinoplastic Chisels, Chisels

Cinceles nasales, Cinceles

Ciseaux-burins nasaux, Ciseaux-burins

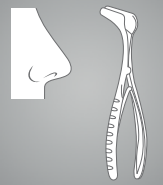
Scalpelli nasali, Scalpelli

## Rhinology

Rinologia

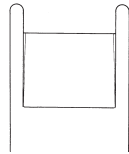
Rhinologie

Rinologia



1/2

Cinelli  
37-624-10 -  
37-624-16  
16 cm / 6 2/8"



37-624-10	10 mm
37-624-12	12 mm
37-624-14	14 mm
37-624-16	16 mm



1/2

AI

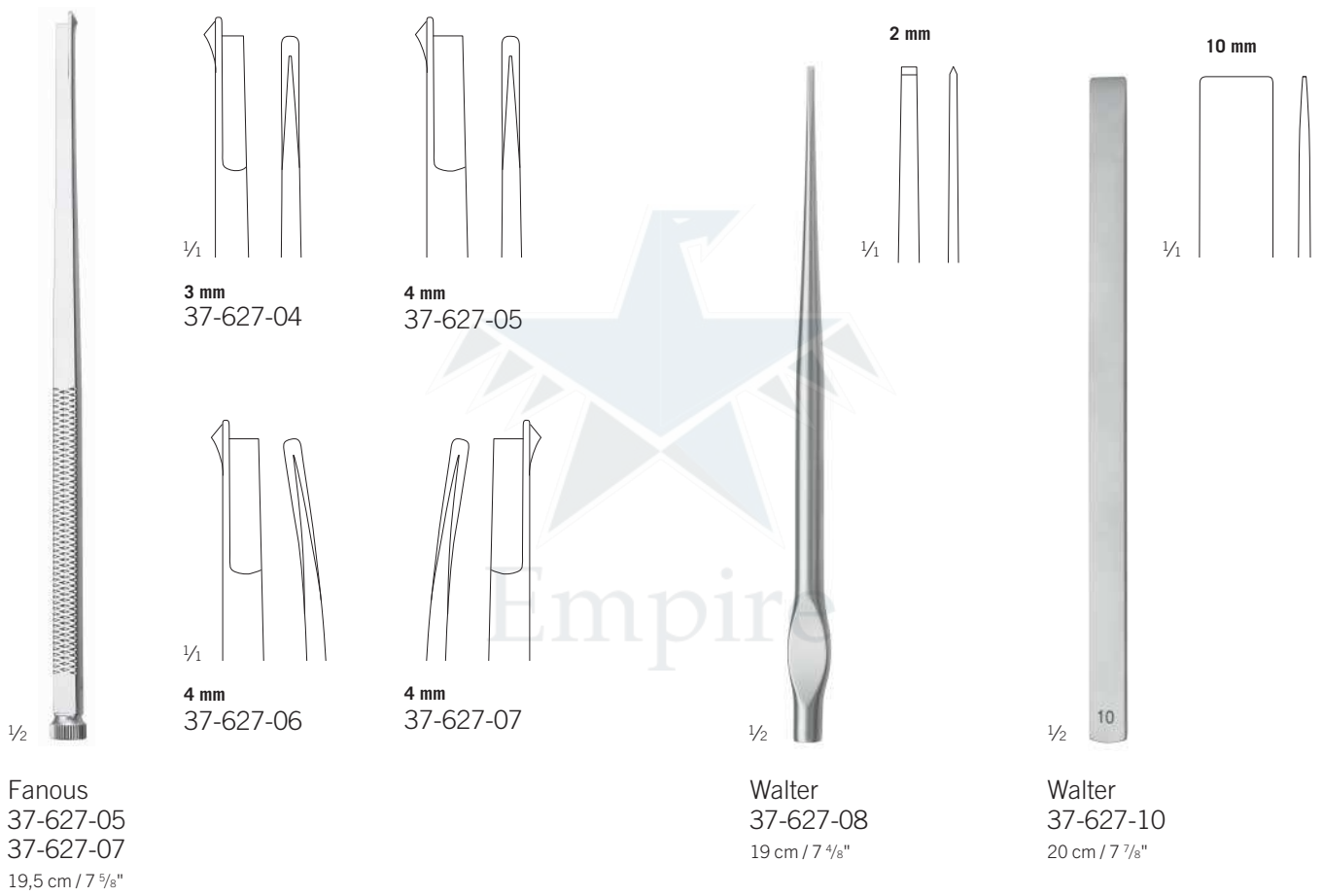
37-627-03  
18,5 cm / 7 2/8"



1/4

## Rhinoplastic Chisels, Chisels

Cinceles nasales, Cinceles  
 Ciseaux-burins nasaux, Ciseaux-burins  
 Scalpelli nasali, Scalpelli

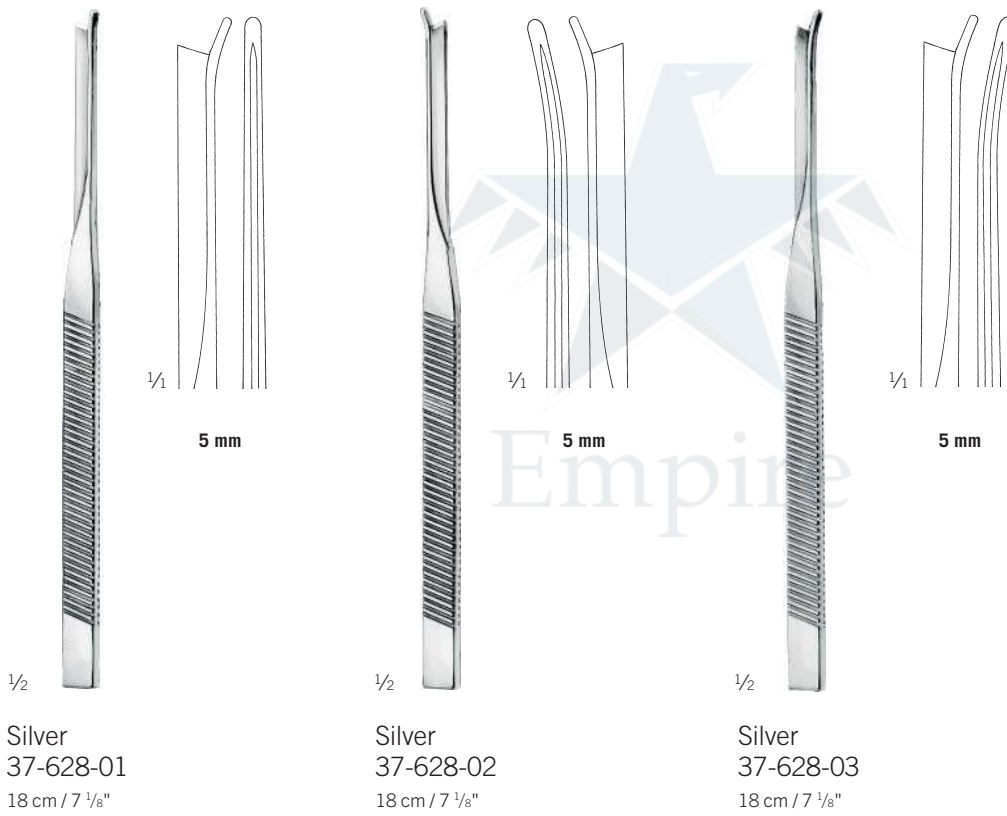
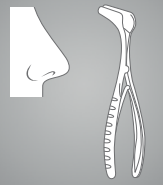


## Rhinoplastic Chisels, Chisels

Cinceles nasales, Cinceles  
Ciseaux-burins nasaux, Ciseaux-burins  
Scalpelli nasali, Scalpelli

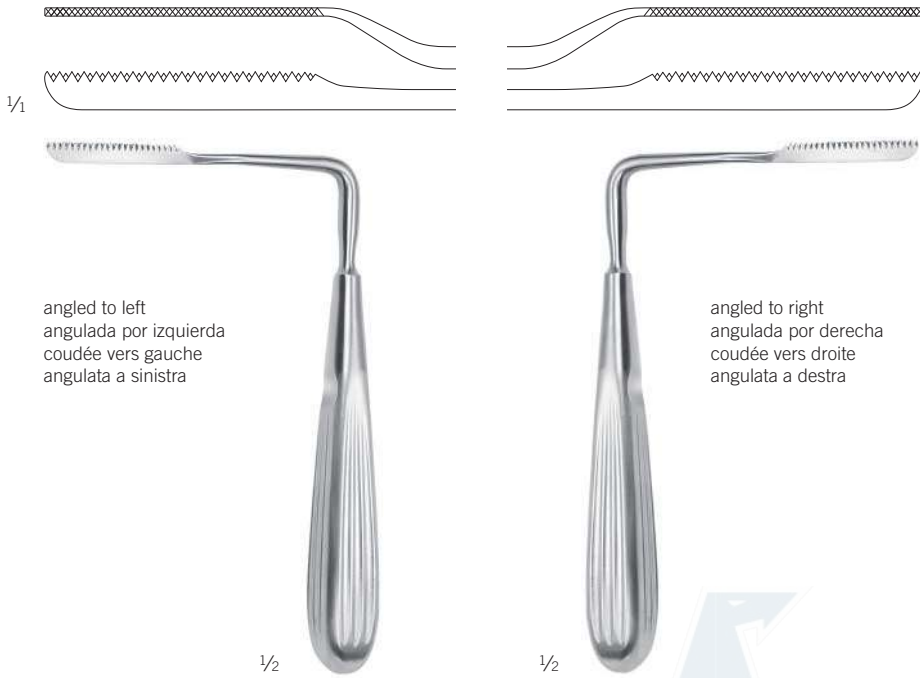
## Rhinology

Rinología  
Rhinologie  
Rinologia



**Nasal Saws**

Sierras nasales  
Scies nasales  
Seghe nasali

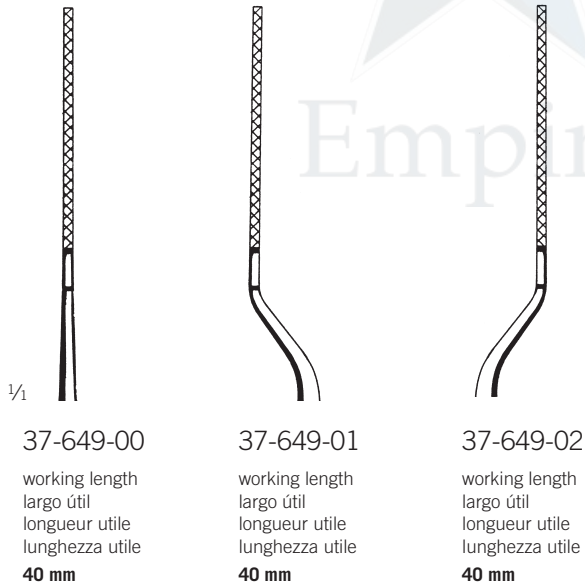
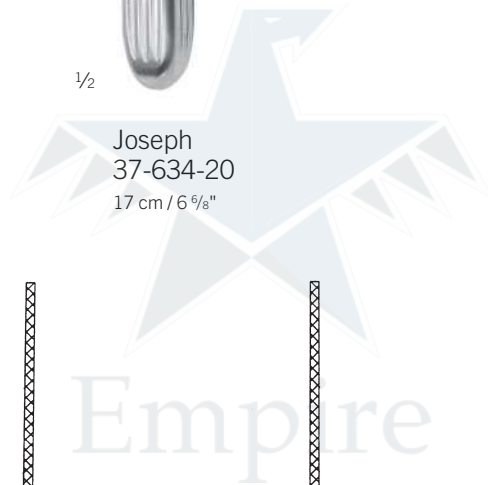


angled to left  
angulada por izquierda  
coudée vers gauche  
angulata a sinistra

angled to right  
angulada por derecha  
coudée vers droite  
angulata a destra

Joseph  
37-632-20  
17 cm / 6 5/8"

Joseph  
37-634-20  
17 cm / 6 5/8"



37-649-00  
working length  
largo útil  
longueur utile  
lunghezza utile  
**40 mm**

37-649-01  
working length  
largo útil  
longueur utile  
lunghezza utile  
**40 mm**

37-649-02  
working length  
largo útil  
longueur utile  
lunghezza utile  
**40 mm**

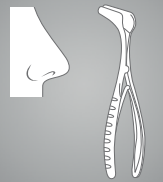
Joseph  
37-649-00 -  
37-649-02  
19 cm / 7 1/8"

## Cartilage Crusher

Machacadora  
Pinces-gouge à cartilage  
Torchio per cartilagine

## Rhinology

Rinología  
Rhinologie  
Rinologia



1/2

Cottle  
37-652-00

Cartilage Crusher  
Machacadora  
Pinces-gouge à cartilage  
Torchio per cartilagine

**65 x 30 x 30 mm**



1/2

37-652-01

Cartilage Crusher  
Machacadora  
Pinces-gouge à cartilage  
Torchio per cartilagine

**65 x 30 x 30 mm**



1/2

37-652-02

Cutting block  
Bloque de corte  
Bloc de coupe  
Blocco taglio

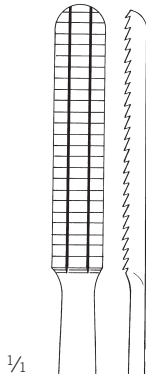
**55 x 87 x 12 mm**

## Nasal Rasps, Bone Files, Antrum Rasps

Escofinas nasales, Limas para huesos, Escofinas para el antro  
 Râpes nasales, Limes à os, Râpes pour antre  
 Raspe nasali, Lime per ossa, Raspe per seno mascellare



1/2

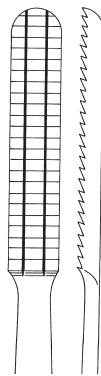


1/4

37-656-01

drawing cut  
 cortante a tracción  
 tranchante à traction  
 tagliente a trazione

34 x 7 mm

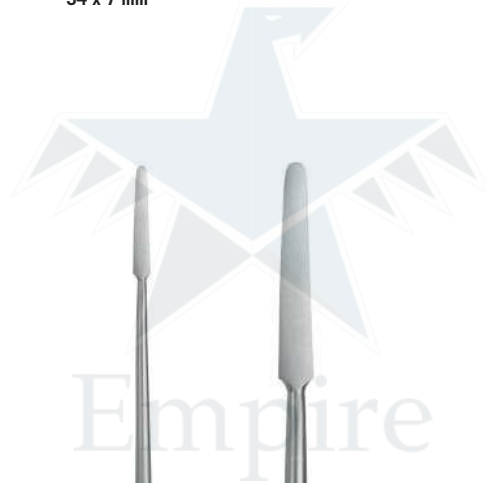


37-656-02

pushing cut  
 cortante a empuje  
 tranchante à impact  
 tagliente a urto

34 x 7 mm

Maltz  
 37-656-01 -  
 37-656-02  
 17 cm / 6 5/8"

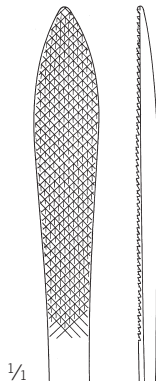


1/4

5 mm



1/2



1/4

60 x 8 mm

Joseph  
 37-658-01  
 16 cm / 6 2/8"



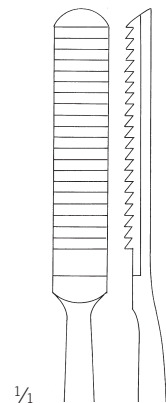
1/2

Converse  
 37-669-18  
 18 cm / 7 1/8"



1/2

Cottle  
 37-670-21  
 21 cm / 8 2/8"



1/4

drawing cut  
 cortante a tracción  
 tranchante à traction  
 tagliente a trazione

34 x 8 mm

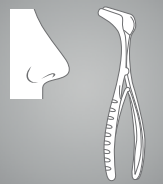


## Glabella Rasps, Nasal Rasps

Escofinas para glabella, Escofinas nasales  
Râpes pour la glabella, Râpes nasales  
Raspe per glabella, Raspe nasali

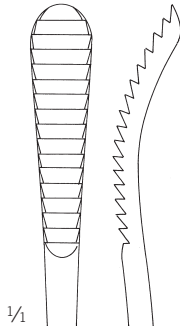
## Rhinology

Rinología  
Rhinologie  
Rinologia



1/2

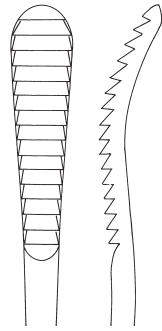
Aufricht  
37-671-21 -  
37-673-21  
21 cm / 8 2/8"



1/1

32 x 9 mm  
37-671-21

pushing cut  
cortante a empuje  
tranchante à impact  
tagliente a urto



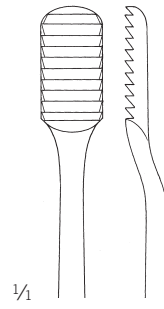
32 x 9 mm  
37-673-21

drawing cut  
cortante a tracción  
tranchante à traction  
tagliente a trazione



1/2

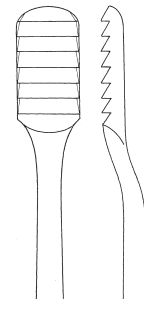
Lewis  
37-674-18 -  
37-676-18  
19 cm / 7 4/8"



1/1

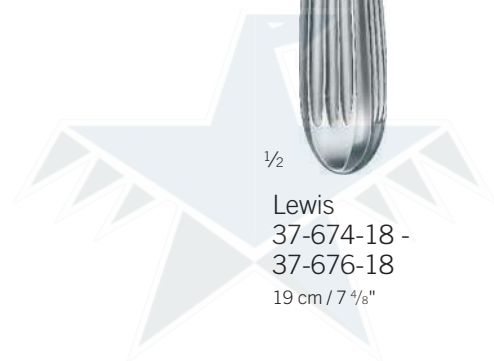
15 x 8 mm  
37-674-18

pushing cut  
cortante a empuje  
tranchante à impact  
tagliente a urto



15 x 8 mm  
37-676-18

drawing cut  
cortante a tracción  
tranchante à traction  
tagliente a trazione

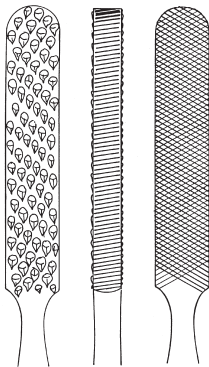


Empire

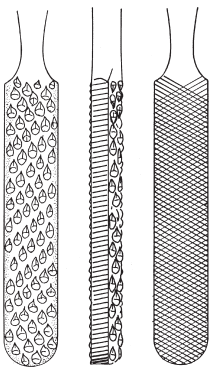


1/2

7,0 mm  
Fomon  
37-680-21  
20,5 cm / 8 1/8"



1/1



1/2

Gallaher  
37-669-01 -  
37-669-03  
17 cm / 6 5/8"



1/1



45 x 6 mm  
37-669-01

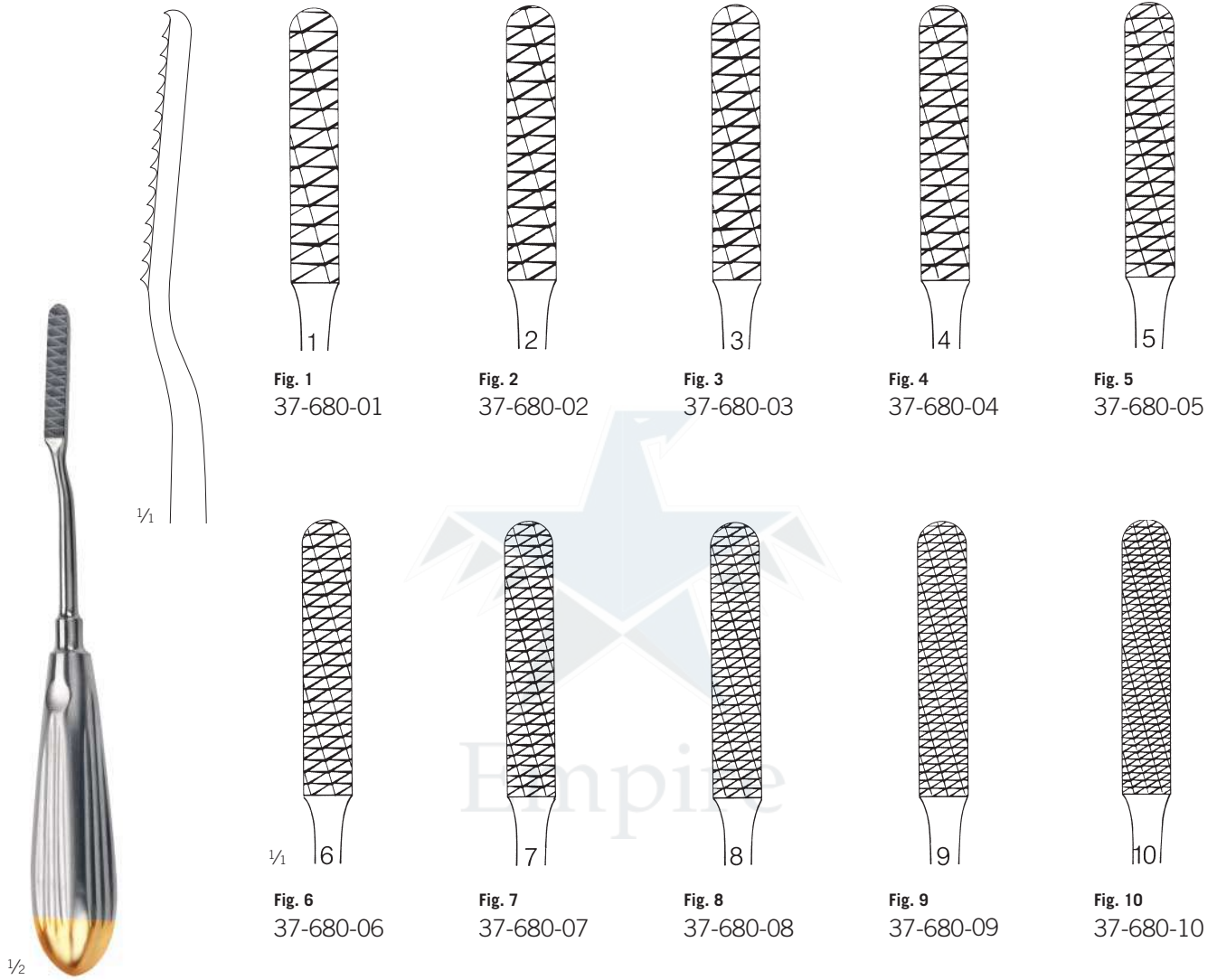


45 x 6 mm  
37-669-02



45 x 6 mm  
37-669-03

**TC GOLD**



7,0 mm

Maltz

37-680-01 -

37-680-10

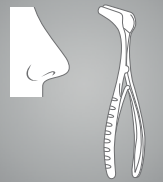
21 cm / 8 2/8"

## Nasal Rasps

Escofinas nasales  
Râpes nasales  
Raspe nasali

## Rhinology

Rinología  
Rhinologie  
Rinologia



## TC GOLD

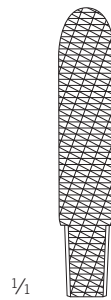


1/2

### 37-681-11

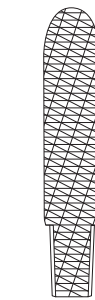
14 cm / 5 1/8"

Handle for TC Inserts  
Mango para escofina TC  
Poignée pour insert de râpe CT  
Manico per inserto raspa TC

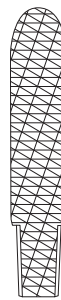


1/1

**Fig. 1**  
37-681-01  
7 mm



**Fig. 2**  
37-681-02  
7 mm



**Fig. 3**  
37-681-03  
7 mm



**Fig. 4**  
37-681-04  
7 mm



**Fig. 5**  
37-681-05  
7 mm



1/1

**Fig. 6**  
37-681-06  
7 mm



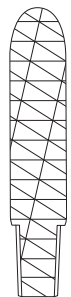
**Fig. 7**  
37-681-07  
7 mm



**Fig. 8**  
37-681-08  
7 mm



**Fig. 9**  
37-681-09  
7 mm



**Fig. 10**  
37-681-10  
7 mm



1/2

### 37-681-12

15 cm / 5 7/8"

Handle for TC Inserts, double  
Mango escofina TC, doble extremo  
Poignée pr insert râpe CT, double  
Manico per inserto raspa TC, doppio

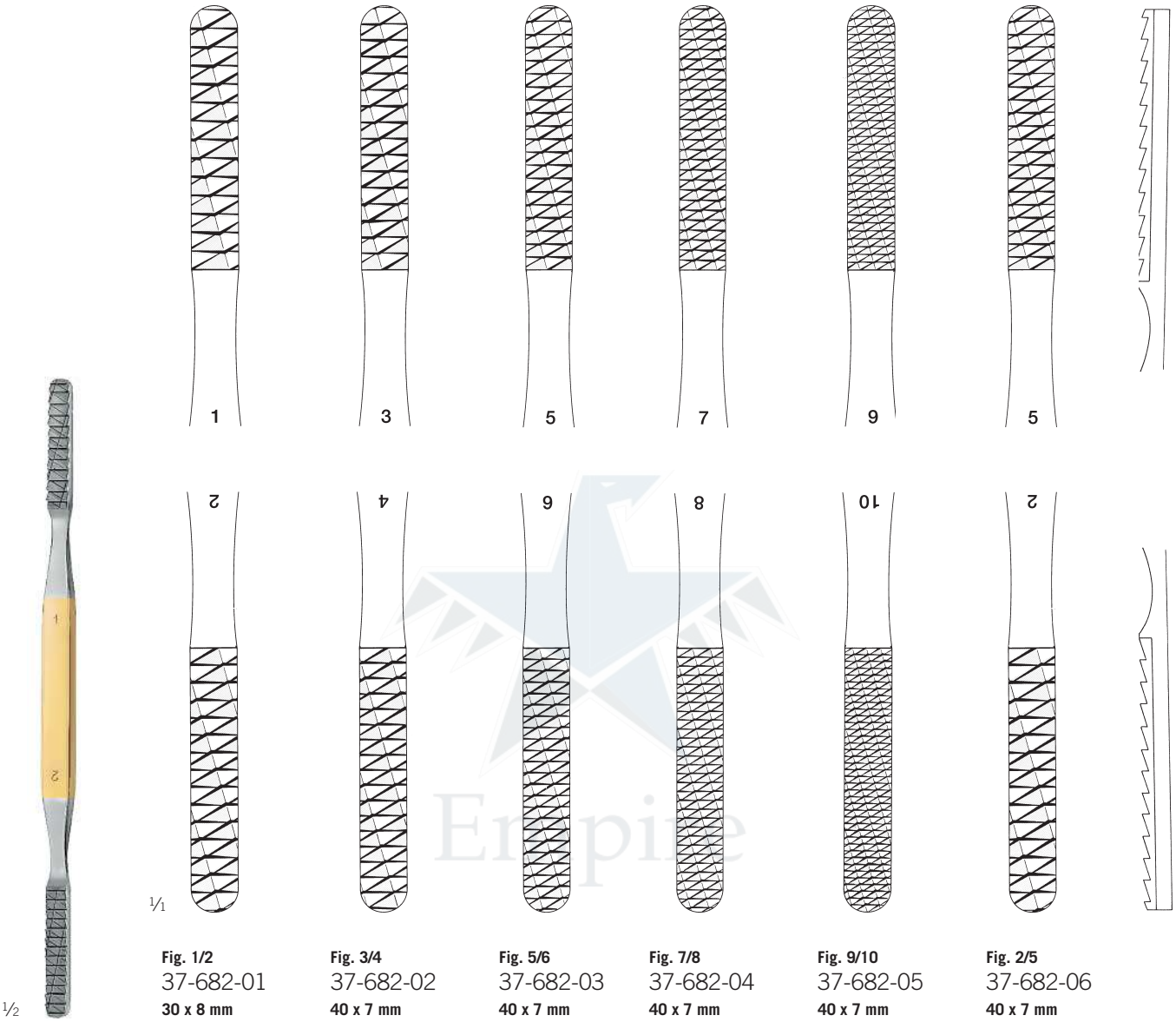


1/2

### 37-681-13

Key for handle  
Llave para mango  
Clé pour poignée  
Chiave per manico

**TC GOLD**



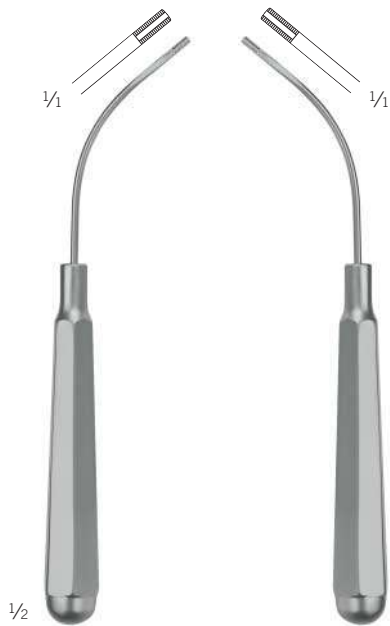
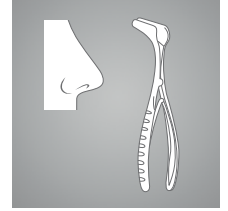
Fomon  
 37-682-01 -  
 37-682-06  
 20,5 cm / 8 1/8"

## Nasal Hooklets

Ganchitos nasales  
Crochets nasaux  
Uncini nasali

## Rhinology

Rinología  
Rhinologie  
Rinologia



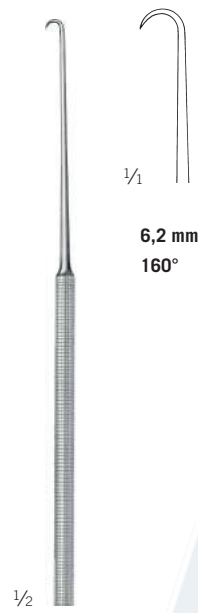
Dingman  
37-683-01  
15 cm / 5 7/8"

Raspatory, Cartilage  
Rascador cartilago  
Grattoir cartilage  
Raschiatore p.cart.



Dingman  
37-683-02  
15 cm / 5 7/8"

Raspatory, Cartilage  
Rascador cartilago  
Grattoir cartilage  
Raschiatore p.cart.



Joseph  
37-684-15  
15,5 cm / 6 1/8"

Mucosa Hooklet, sharp  
Ganchito para mucosa, agudo  
Crochet pour la muqueuse, pointu  
Uncino per mucosa, acuto



Cottle  
37-688-01 - 37-688-03  
14,5 cm / 5 9/8"

sharp  
agudo  
pointu  
acuto



3,7 mm  
130°  
Fig. 1  
37-688-01



4,0 mm  
160°  
Fig. 2  
37-688-02



4,2 mm  
160°  
Fig. 3  
37-688-03



1/1  
Ø 2 mm  
160°

Lange  
37-692-22  
23 cm / 9"

Alar Hooklet, button end  
Ganchito para alas de nariza, botonado  
Crochet pour les ailes du nez, boutoné  
Uncino per le pinne nasali, con fine a bottone



1/2

Aufricht  
37-696-19  
19 cm / 7 4/8"

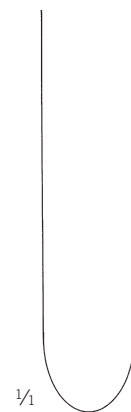
Nasal Retractors  
Separadores nasales  
Ecarteurs nasaux  
Divaricatori nasali



1/2

Aufricht  
37-697-19  
19 cm / 7 4/8"

Nasal Retractors  
Separadores nasales  
Ecarteurs nasaux  
Divaricatori nasali



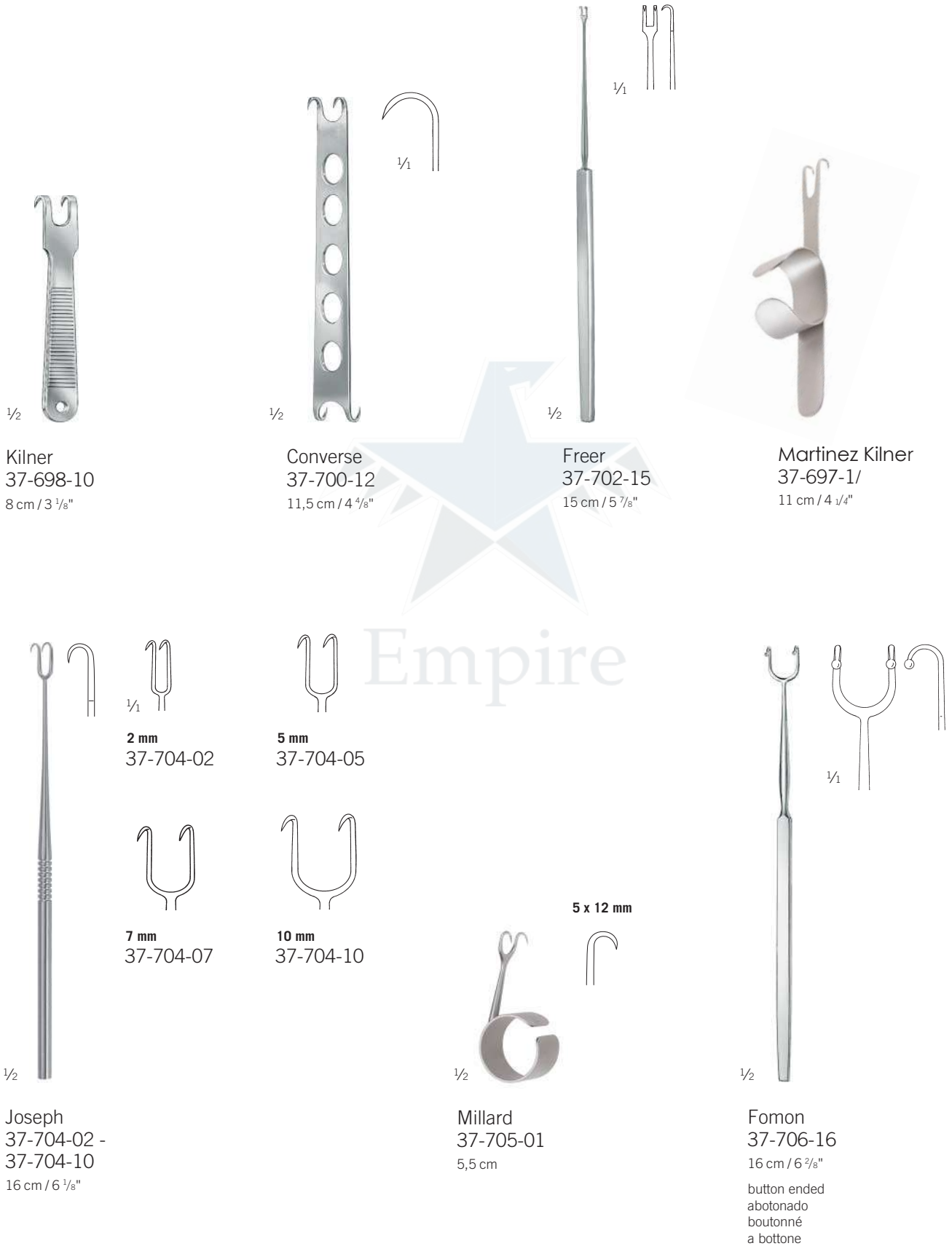
1/1

45 x 11 mm

Empire

### Alar Hooklets, Mucosa Hooklet

Ganchitos para alas de nariz, Ganchito para mucosa  
 Crochets pour les ailes du nez, Crochet pour la muqueuse  
 Uncini per le pinne nasali, Uncino per mucosa



1/2  
 Kilner  
 37-698-10  
 8 cm / 3 1/8"

1/2  
 Converse  
 37-700-12  
 11,5 cm / 4 5/8"

1/2  
 Freer  
 37-702-15  
 15 cm / 5 7/8"

Martinez Kilner  
 37-697-1/  
 11 cm / 4 1/4"

1/2  
 Joseph  
 37-704-02 -  
 37-704-10  
 16 cm / 6 1/8"

1/2  
 2 mm  
 37-704-02

5 mm  
 37-704-05

7 mm  
 37-704-07

10 mm  
 37-704-10

1/2  
 Millard  
 37-705-01  
 5,5 cm

5 x 12 mm

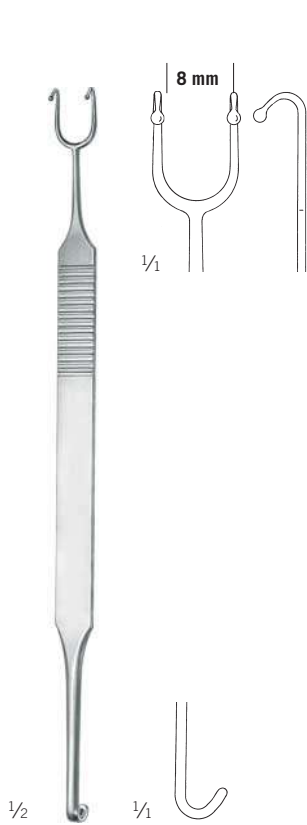
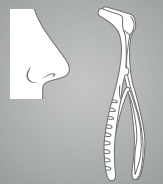
1/2  
 Fomon  
 37-706-16  
 16 cm / 6 2/8"  
 button ended  
 abotonado  
 boutonné  
 a bottone

## Alar Hooklets, Nasal Retractors

Ganchitos para alas de nariz, Separadores nasales  
 Crochets pour les ailes du nez, Ecarteurs nasaux  
 Uncini per le pinne nasali, Divaricatori nasali

## Rhinology

Rinología  
 Rinologie  
 Rinologia



Cottle-Neivert  
 37-707-20  
 19,5 cm / 7 <sup>5</sup>/<sub>8</sub>"

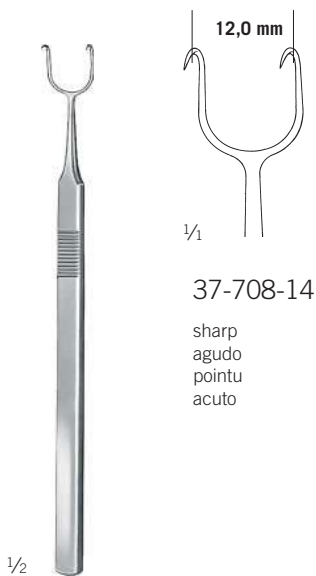


Cottle-Neivert  
 37-707-21  
 21 cm / 8 <sup>2</sup>/<sub>8</sub>"

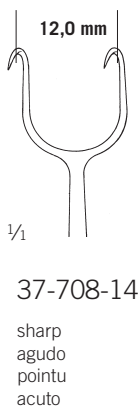


Fomon  
 37-694-17  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"

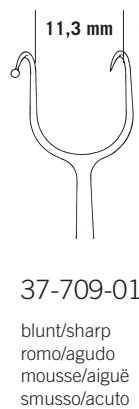
Alar Hooklet, button end  
 Ganchito para alas de nariz, botonado  
 Crochet pour les ailes du nez, boutoné  
 Uncino per le pinne nasali, con fine a bottone



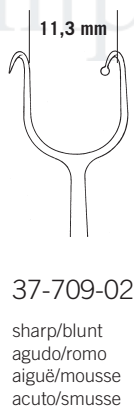
Cottle  
 37-708-14 -  
 37-709-02  
 14,5 cm / 5 <sup>6</sup>/<sub>8</sub>"



37-708-14  
 sharp  
 agudo  
 pointu  
 acuto



37-709-01  
 blunt/sharp  
 romo/agudo  
 mousse/aiguë  
 smusso/acuto

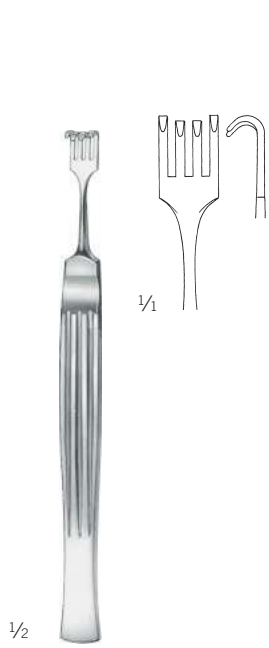


37-709-02  
 sharp/blunt  
 agudo/romo  
 aiguë/mousse  
 acuto/smusso

Empire

**Alar Hooklets, Nasal Retractors**

Ganchitos para alas de nariz, Separadores nasales  
 Crochets pour les ailes du nez, Ecarteurs nasaux  
 Uncini per le pinne nasali, Divaricatori nasali



**7,8 mm**  
 Cottle  
 37-710-14  
 14 cm / 5 4/8"



**13,7 mm**  
 Neivert  
 37-712-16  
 17 cm / 6 5/8"



**12,5 mm**  
 Cottle  
 37-713-15  
 14 cm / 5 4/8"



**13,0 mm**  
 Cottle  
 37-714-15  
 16 cm / 6 2/8"



**Aufricht**  
 37-715-14  
 12 cm / 4 5/8"

blunt  
 romo  
 mousse  
 smusso

blades  
 hojas  
 lames  
 lame  
**60 x 6,5 mm**



**Iterson**  
 37-711-16  
 14 cm / 5 4/8"





## Septum Forceps, Septum Straightening Forceps

Pinzas para tabique nasal, Pinzas para enderezar el tabique nasal

Pinces pour la cloison nasale, Pinces pour le redressement de la cloison nasale

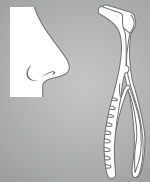
Pinze per il setto nasale, Pinze per raddizzare il setto nasale

## Rhinology

Rinología

Rhinologie

Rinologia



1/1

37-724-01

straight  
recta  
droite  
diritta

37-724-02

left  
izquierdo  
gauche  
sinistra

37-724-03

right  
derecho  
droit  
destra



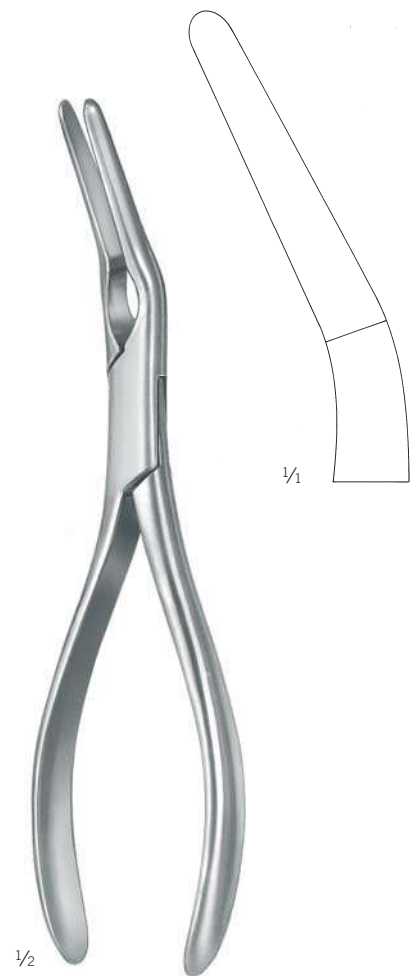
1/2

Kressner  
37-721-20  
22 cm / 8 5/8"



1/2

Cottle-Walsham  
37-724-01 -  
37-724-03  
23 cm / 9"



1/2

Asch  
37-725-23  
22,5 cm / 8 7/8"

### Alar Hooklets, Nasal Retractors

Ganchitos para alas de nariz, Separadores nasales

Crochets pour les ailes du nez, Ecarteurs nasaux

Uncini per le pinne nasali, Divaricatori nasali



Middleton-Jansen  
37-323-19  
20,5 cm / 8 1/8"



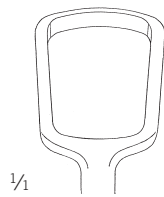
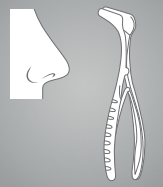
Middleton-Jansen  
37-327-19  
20 cm / 7 7/8"

## Adenoid Currettes

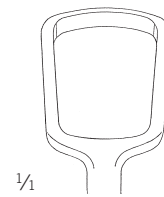
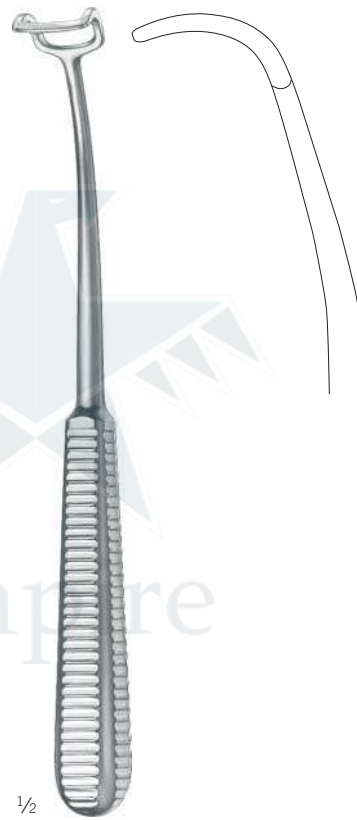
Cuchillos para adenoides  
 Couteaux à végétations adénoïdales  
 Coltelli per vegetazioni adenoidee

## Rhinology

Rinología  
 Rinologie  
 Rinologia



<b>Fig. 1</b>	37-755-01	13 mm
<b>Fig. 2</b>	37-755-02	15 mm
<b>Fig. 3</b>	37-755-03	17 mm
<b>Fig. 4</b>	37-755-04	19 mm
<b>Fig. 5</b>	37-755-05	21 mm
<b>Fig. 6</b>	37-755-06	23 mm



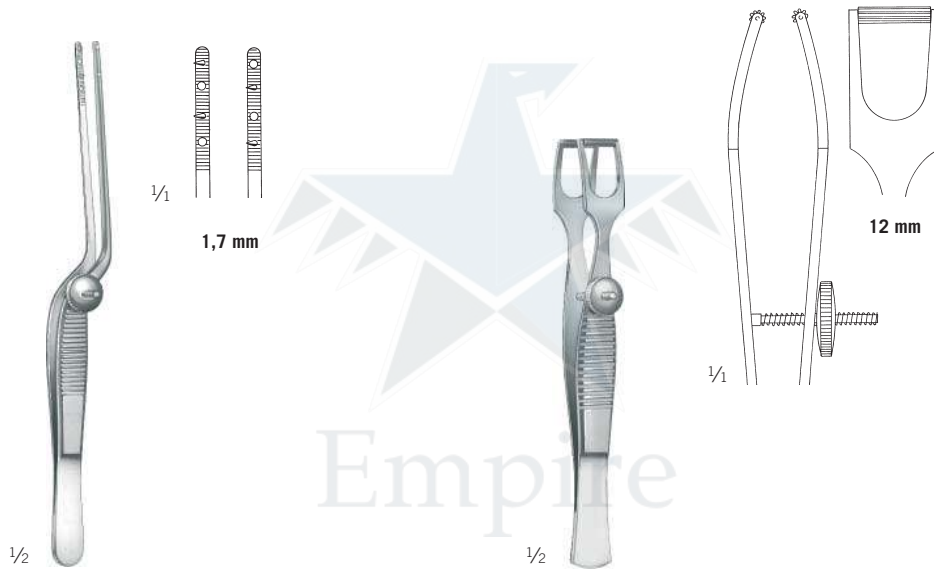
<b>Fig. 1</b>	37-756-01	13 mm
<b>Fig. 2</b>	37-756-02	15 mm
<b>Fig. 3</b>	37-756-03	17 mm
<b>Fig. 4</b>	37-756-04	19 mm
<b>Fig. 5</b>	37-756-05	21 mm
<b>Fig. 6</b>	37-756-06	23 mm

Beckmann  
 37-755-01 -  
 37-755-06  
 22 cm / 8 5/8"

Beckmann  
 37-756-01 -  
 37-756-06  
 21,5 cm / 8 1/2"

## Skin Grasping Forceps, Antrum Curettes

Pinzas para piel, Curetas para el antro  
 Pincés pour saisir la peau, Curettes pour l'antro  
 Pinze per afferrare la pelle, Curette per antro



Cottle  
 37-731-14

14 cm / 5 4/8"

with teeth  
 con dientes  
 avec dents  
 con denti

Cottle  
 37-732-10

11 cm / 4 3/8"

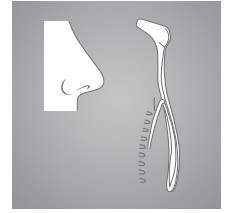
Columella Forceps  
 Pinza para columela  
 Pince à columella  
 Pinza per columella

# Skin Grasping Forceps, Antrum Curettes

Pinzas para piel, Curetas para el antro  
 Pinces pour saisir la peau, Curettes pour l'antro  
 Pinze per afferrare la pelle, Curette per antro

## Rhinology

Rinología  
 Rinologie  
 Rinologia



Coakley  
 37-748-01-07 -  
 37-748-06-07  
 17 cm / 6 5/8"



1/1

Fig. 1  
 37-748-01



Fig. 2  
 37-748-02



Fig. 3  
 37-748-03



1/1

Fig. 4  
 37-748-04



Fig. 5  
 37-748-05



Fig. 6  
 37-748-06

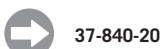


Guillen  
 37-840-20  
 19 cm / 7 4/8"

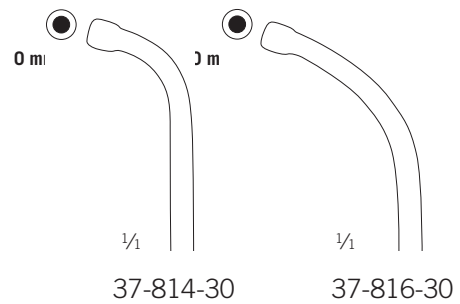


1/1

37-840-90-98  
 Obturator  
 Mandril  
 Obturateur  
 Mandrino



Eicken-Killian  
 37-814-30 -  
 37-816-30  
 14 cm / 5 4/8"



1/1  
 37-814-30

1/1  
 37-816-30

Irrigation Cannula, with Luer-Lock  
 Sonda irrigadora para seno maxilar, con Luer-Lock  
 Canule à irrigation, avec Luer-Lock  
 Cannula per lavaggio, con Luer-Lock

### Lacrimal dilators

Dilatateurs pour le canal lacrymal  
 Dilatadores para el canal lacrimal  
 Dilatatori lacrimali

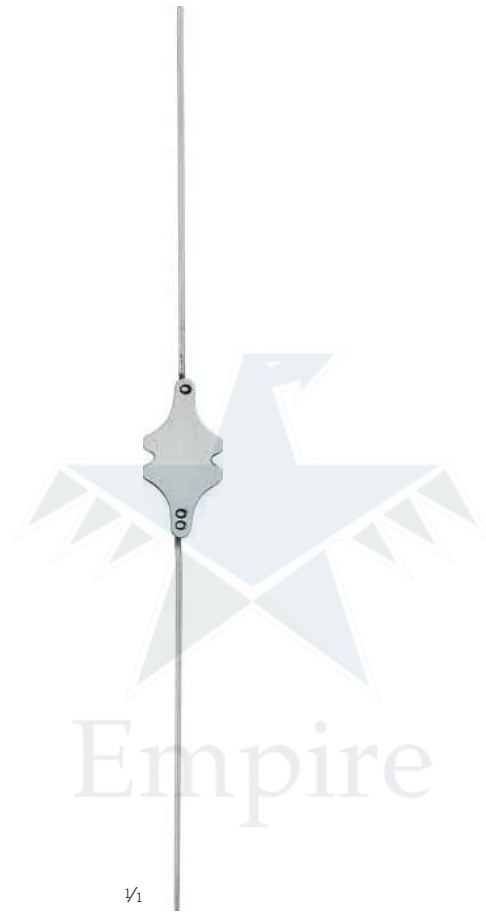
Ag



1/1

Bowman  
 35-220-00 -  
 35-220-88  
 13 cm / 5 1/8"

	Fig.
35-220-00	0 / 0
35-220-11	1 / 1
35-220-22	2 / 2
35-220-33	3 / 3
35-220-44	4 / 4
35-220-55	5 / 5
35-220-66	6 / 6
35-220-77	7 / 7
35-220-88	8 / 8



1/1

Bowman  
 35-224-00 -  
 35-224-78  
 13 cm / 5 1/8"

	Fig.
35-224-99	0000 / 000
35-224-00	00 / 0
35-224-01	0 / 1
35-224-12	1 / 2
35-224-23	2 / 3
35-224-34	3 / 4
35-224-45	4 / 5
35-224-56	5 / 6
35-224-67	6 / 7
35-224-78	7 / 8



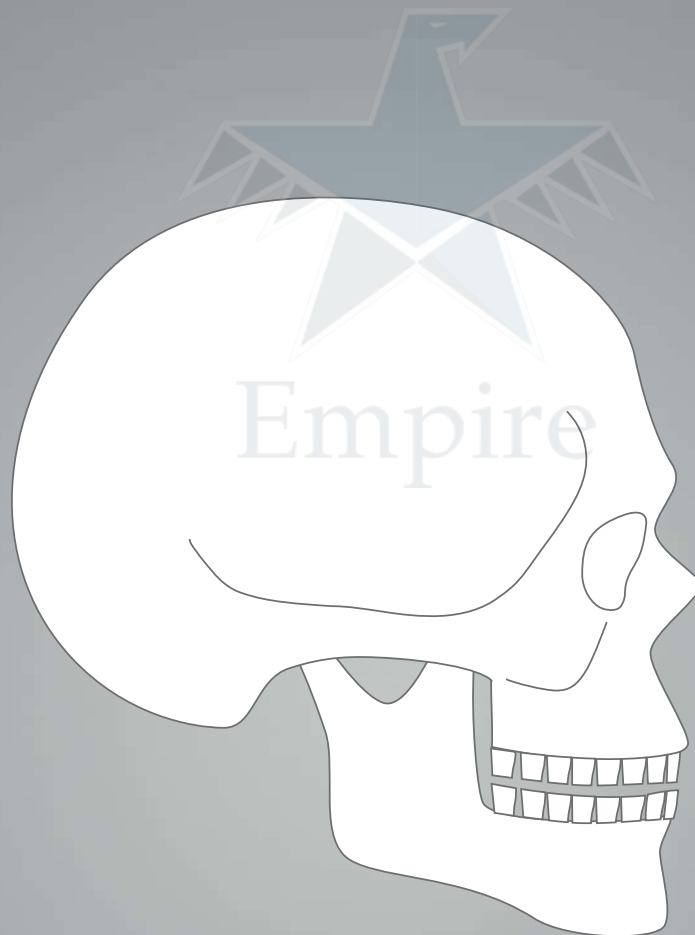
1/1

Bowman  
 35-226-00 -  
 35-226-78  
 13 cm / 5 1/8"

	Fig.
35-226-00	00 / 0
35-226-01	0 / 1
35-226-12	1 / 2
35-226-23	2 / 3
35-226-34	3 / 4
35-226-45	4 / 5
35-226-56	5 / 6
35-226-67	6 / 7
35-226-78	7 / 8

Cranio-Maxillo-Facial Surgery  
Cirugía craneo-maxilofacial  
Chirurgie du crâne et maxillo-faciale  
Chirurgia cranio-maxillo-facciale

# 38-52

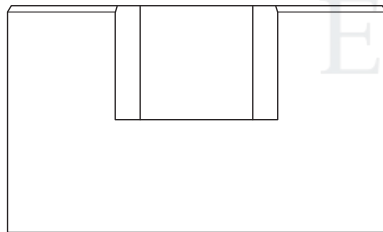
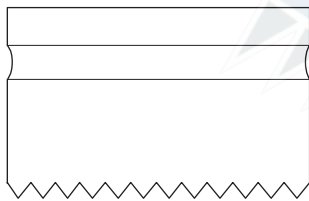
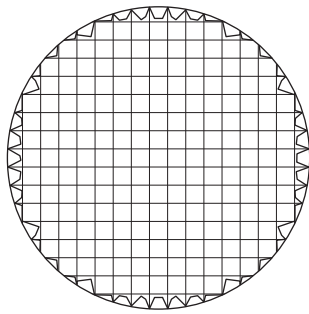


## Bone Crusher

Aplastador óseo

Presse d'os

Strumento per schiacciamento ossa



1/1



1/2

38-018-01



Cottle

37-653-00

Bone mill

molino de hueso

moulin à os

mulino per ossa

65 x 30 x 30 mm



## Mouth Gags

Abrebocas  
Baïllons  
Apribocca

## Oral Maxillo-facial Surgery

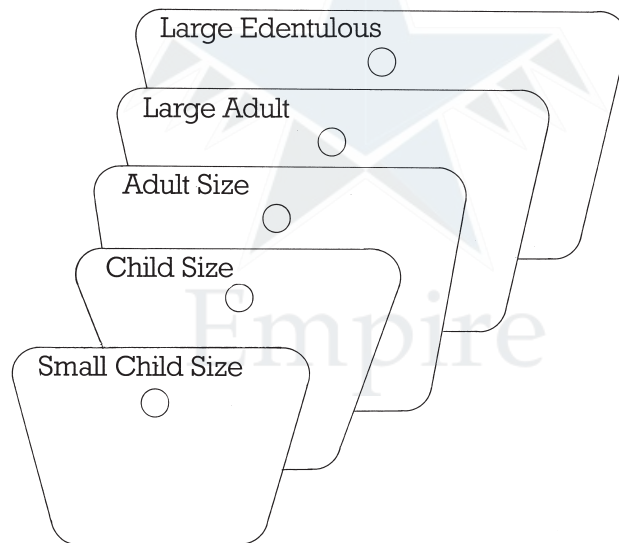
Cirurgía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/1

### McKesson

plastic coated metal frame  
without chain  
cuadro metálico, cubierto de plástico  
sin cadena  
cadre métal avec revêtement synthétique  
sans chaîne  
telaio metallico, ricoperto in plastica  
senza catena



### 38-130-52

large, for adults  
grande, para adultos  
grand, pour adultes  
grande, per adulti

### 38-130-56

small, for children  
pequeño, para niños  
petit, pour enfants  
piccolo, per bambini

### 38-130-50

extra large, for edentulous  
muy grande, para desdentados  
très grand, pour édentées  
molto grande, per sdentati

### 38-130-54

regular, for adults  
regular, para adultos  
regulier, pour adultes  
regolare, per adulti

### 38-130-58

small, for babies  
pequeño, para bebés  
petit, pour bébés  
piccolo, per neonati



1/2

Molt  
38-161-11  
11 cm / 4 3/8"

38-161-92

Spare Rubber  
Goma de repuesto  
Caoutchouc de remplacement  
Gomma di ricambio



38-161-11



1/2

Molt  
38-161-14  
13 cm / 5 1/8"

38-161-93

Spare Rubber  
Goma de repuesto  
Caoutchouc de remplacement  
Gomma di ricambio



38-161-14



1/2

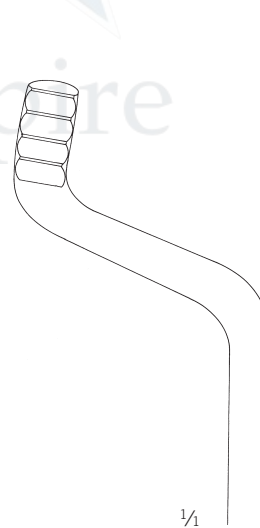
Denhart  
38-171-12  
13 cm / 5 1/8"

jaws  
bocas  
mors  
branche  
**16 mm**



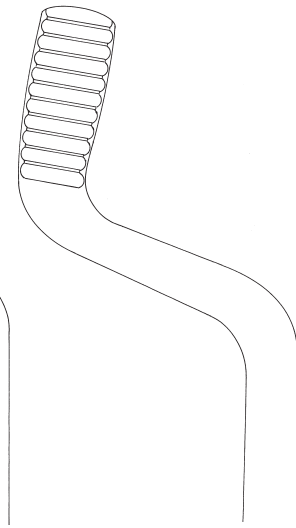
1/2

Roser-König  
38-179-16 -  
38-179-20



1/1

38-179-16  
16 cm / 6 2/8"



38-179-20  
19 cm / 7 4/8"

## Mouth Gags

Abrebocas  
Ouvre-bouche  
Apribocca

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

### Kilner-Doughty 38-198-00

complete, with frame, 3 tongue depressors, 2 toothplates and 1 palate plate

completo con bastidor, 3 bajalenguas, 2 plaquitas de dientes y 1 plaquita paladia

complet avec cadre, 3 abaisse-langue, 2 plaques pour dents e 1 plaque palatine

completo, con telaio, 3 abassalingua, 2 placche per denti e 1 placca per palato

38-198-90

Palate Plate  
Plaquita paldia  
Plaque platine  
Placca per palato

### Kilner-Doughty 38-198-10

14,5 cm / 5 7/8"

Frame for Mouth Gag  
Bastidor para abrebooca  
Cadre pour ouvre-bouche  
Telaio per apribocca

➔ 38-198-00

### Kilner-Doughty 38-198-01 - 38-198-03

Tongue Depressor  
Bajalengua  
Abaisse-langue  
Abassalingua

fenestrated blade for suction  
hoja fenestrada para succión  
lame fenêtrée pour aspiration  
lama con finestra per aspirazione



1/2

**Fig. 1**  
38-198-01  
68 x 30 mm

**Fig. 2**  
38-198-02  
77 x 34 mm

**Fig. 3**  
38-198-03  
82 x 39 mm

➔ 38-198-00



Neukam  
38-208-00



Neukam  
38-208-10

38-208-01 -  
38-208-03

Tongue Depressor  
Bajalengua  
Abaisse-langue  
Abassalingua

fenestrated blade for suction  
hoja fenestrada para succión  
lame fenêtrée pour aspiration  
lama con finestra per aspirazione

 38-208-00

65 x 25,5 mm



1/2

Fig. 1  
38-208-01

73 x 28,5 mm



Fig. 2  
38-208-02

71 x 30,0 mm



Fig. 3  
38-208-03

## Mouth Gags

Abrebocas  
Ouvre-bouche  
Apribocca

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

Mclvor  
38-222-00

complete, with 3 tongue depressors  
completo, con 3 bajalenguas  
complet, avec 3 abaisse-langue  
completo, con 3 abassalingua

Mclvor  
38-222-10

Frame for Mouth Gag  
Bastidor para abrebocha  
Cadre pour ouvre-bouche  
Telaio per apribocca



38-222-00

Empire

Mclvor  
38-222-01 -  
38-222-03

Tongue Depressor  
Bajalengua  
Abaisse-langue  
Abassalingua



38-222-00



1/2

Fig. 1  
38-222-01  
100 x 25 mm



Fig. 2  
38-222-02  
85 x 25 mm

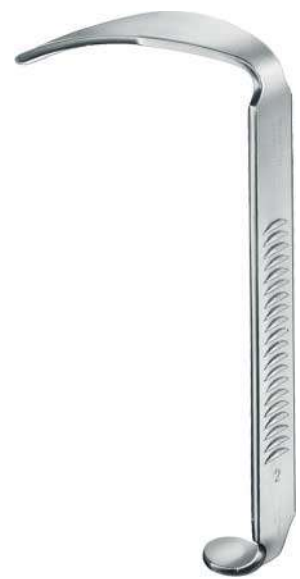
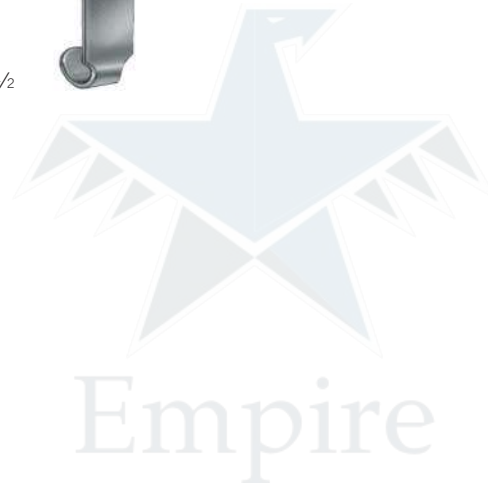


Fig. 3  
38-222-03  
75 x 25 mm



**Dingmann  
38-224-00**

complete, with frame, 3 tongue depressors  
and 2 adjustable lateral blades  
completo con bastidor, 3 bajalenguas  
y 2 valvas laterales ajustables  
complet avec cadre, 3 abaisse-langue  
et 2 valves latérales réglables  
completo, con telaio, 3 abassalingua  
e 2 valve laterali movibili



**Dingmann  
38-224-01 -  
38-224-03**

Tongue Depressor  
Bajalengua  
Abaisse-langue  
Abassalingua



**Fig. 1**  
**38-224-01**  
62 x 26 mm

**Fig. 2**  
**38-224-02**  
65 x 30 mm

**Fig. 3**  
**38-224-03**  
78 x 32 mm

## Mouth Gags

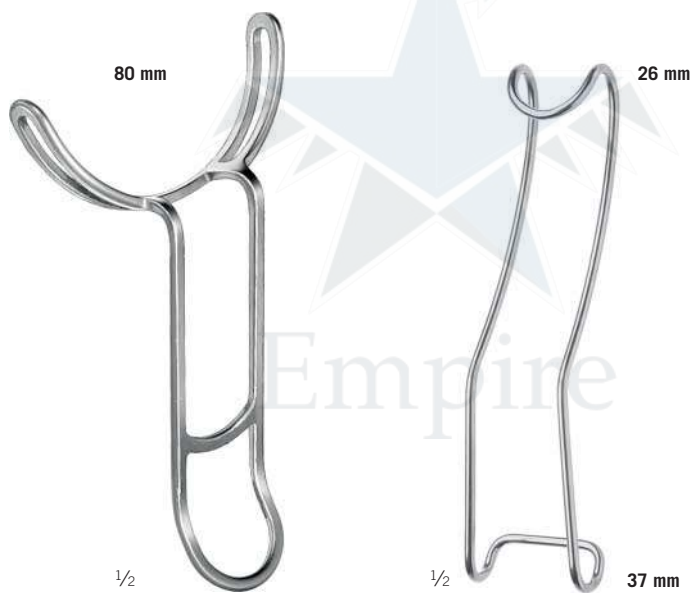
Abrebocas  
Baïllons  
Apribocca

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Martin-Simplex  
38-243-11  
10,5 cm / 4 1/8"



Sternberg  
38-249-14  
14 cm / 5 4/8"

Vestibulum Retractor  
Separador para vestibulo  
Ecarteur pour vestibulum  
Separatore per vestibulo



Cawood-Minnesota  
38-263-15  
15,5 cm / 6 1/8"

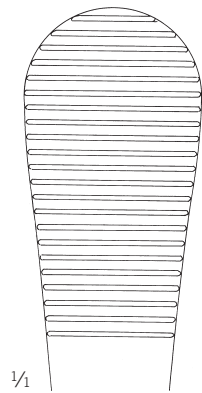
## Tongue Depressors

Abajalenguas  
Abaisse-langue  
Abassalingua



1/2

Hartmann  
38-271-15  
15 cm / 5 7/8"



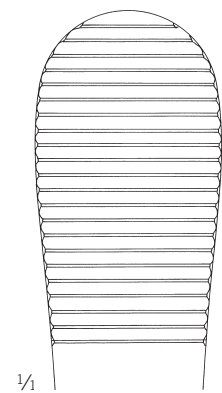
1/1

72 x 24 mm



1/2

Tobold  
38-277-14  
15 cm / 5 7/8"



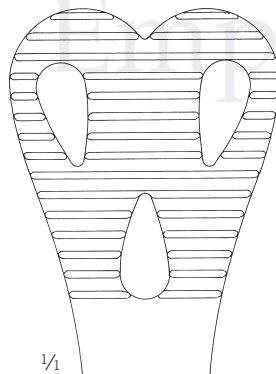
1/1

83 x 25 mm



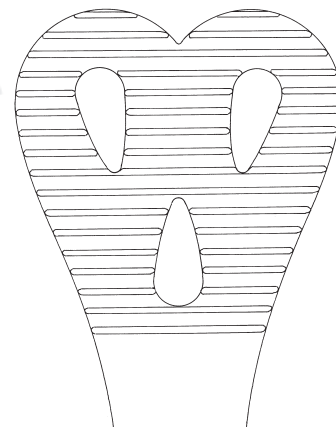
1/2

Wieder  
38-297-01 -  
38-297-02



1/1

38-297-01  
14 cm / 5 4/8"  
38 mm



38-297-02  
15 cm / 5 7/8"  
43 mm

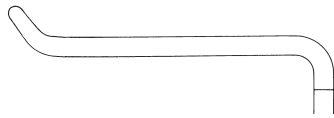


## Soft Tissue Retractors

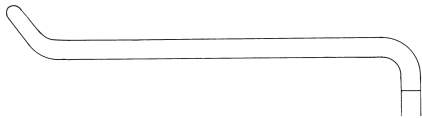
Separadores para partes blandas  
Crochets pour parties molles  
Separatori per tessuti molli

## Oral Maxillo-facial Surgery

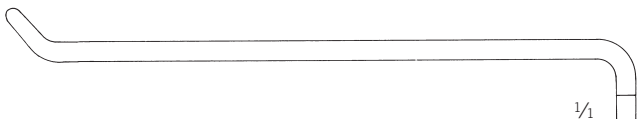
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



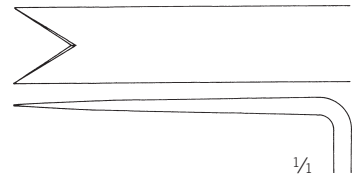
38-603-40  
22,5 cm / 8 <sup>7</sup>/<sub>8</sub>"  
43 x 11 mm



38-603-55  
23 cm / 9"  
57 x 11 mm



38-603-80  
23 cm / 9"  
80 x 16 mm

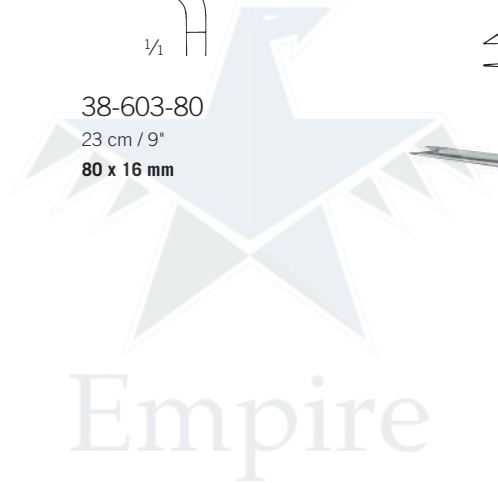


43 x 10 mm



1/2

Obwegeser  
38-603-40 -  
38-603-80



1/2

Obwegeser  
38-605-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"

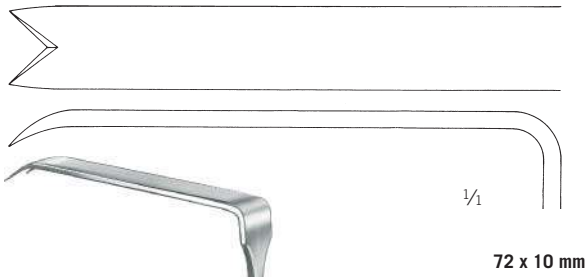
Nasal Spine Retractor  
Separador para spina nasalis  
Ecarteur pour spina nasalis  
Separatore per spina nasale

**Ramus Retractors, Chin Retractor, Channel Retractors**

Separadores para el ramo, Gancho de mentón, Separadores mandibulares

Ecarteurs pour ramus, Fixe-menton, Ecarteurs mandibulaires

Separatore per ramo, Guancio per mento, Separatori mandibulari



72 x 10 mm



1/2

Obwegeser  
38-607-22  
22 cm / 8 5/8"



1/2

Obwegeser  
38-611-16  
16,5 cm / 6 4/8"



1/2

38-613-08  
16 cm / 6 2/8"  
8 mm

38-613-10  
16 cm / 6 2/8"  
10 mm

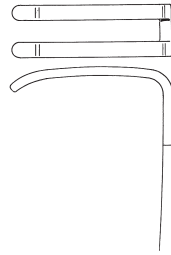
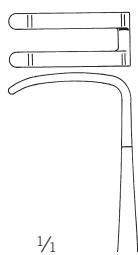
Obwegeser  
38-613-08 -  
38-613-10



1/2

1/1

Koberg  
38-616-01  
15 x 7 mm



Koberg, mod.  
38-616-02  
20 x 7 mm

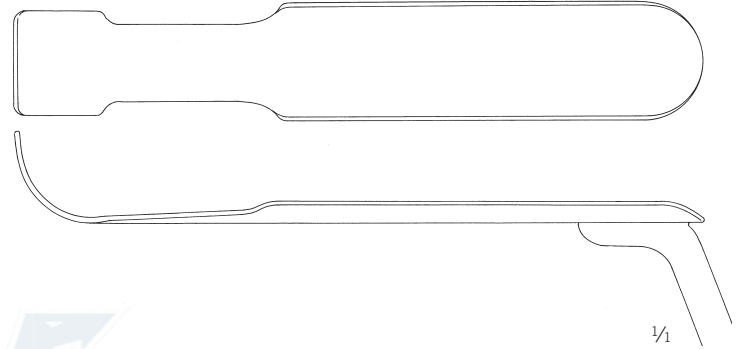
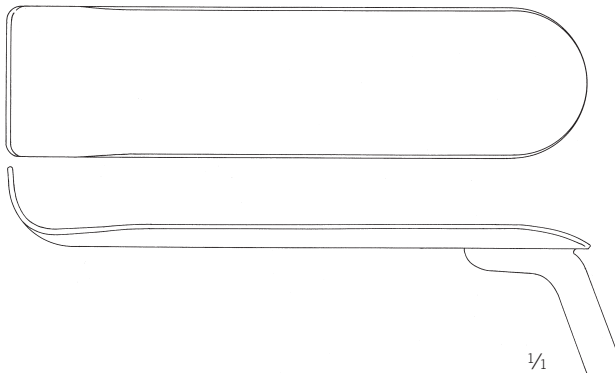
38-616-01 -  
38-616-02  
18 cm / 7 1/8"

## Progeny Retractor

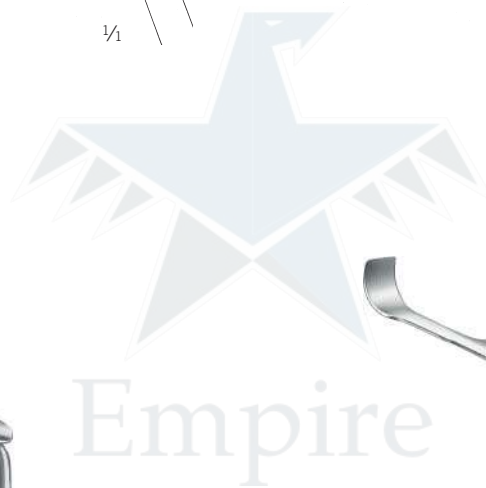
Separadores para progenismo  
Crochets de progenie  
Separatori per progenismo

## Oral Maxillo-facial Surgery

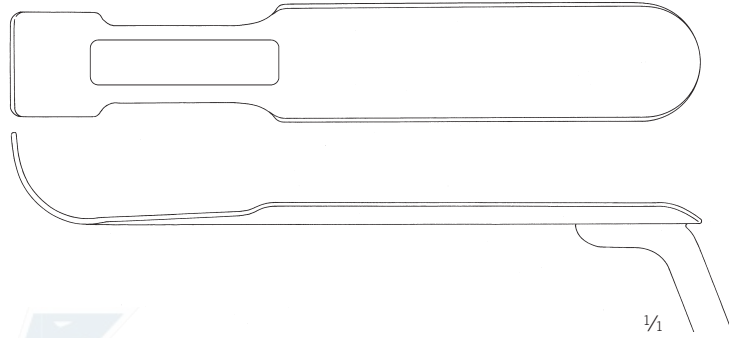
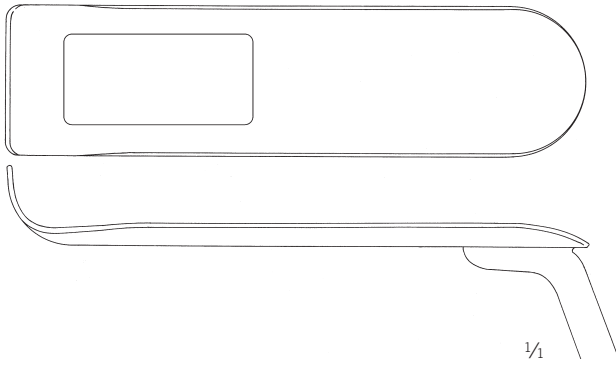
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Schuchardt  
38-614-10  
18 cm / 7 1/8"



Metz  
38-614-20  
19,5 cm / 7 5/8"



Schuchardt-Lauer  
38-616-10  
15 cm / 5 7/8"



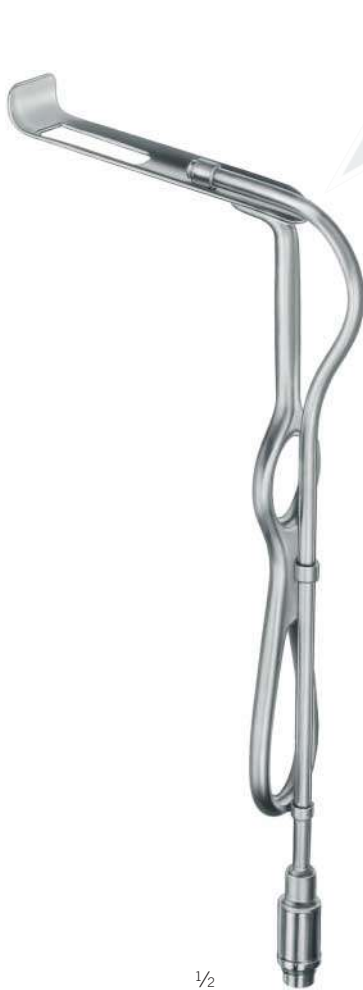
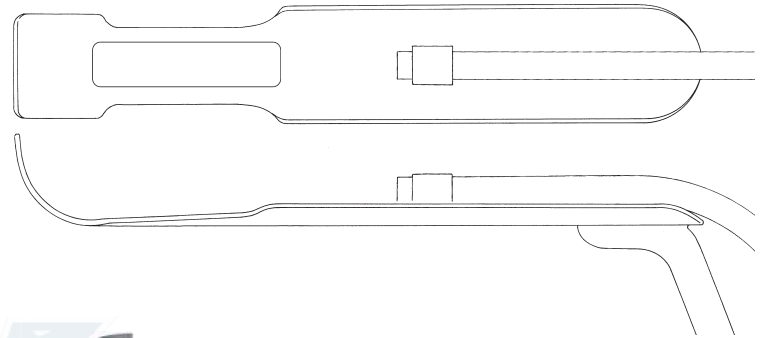
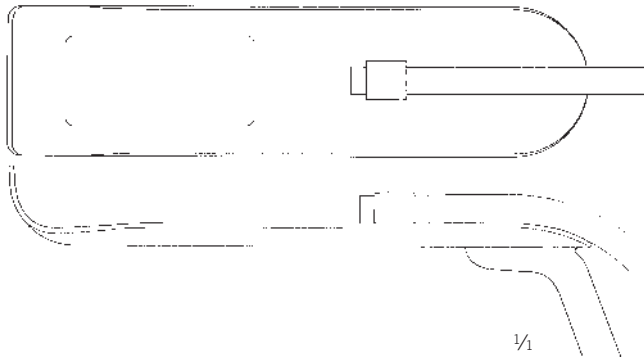
Metz-Lauer  
38-616-20  
15 cm / 5 7/8"

## Progeny Retractor

Separadores para progenismo  
Crochets de progenie  
Separatori per progenismo

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

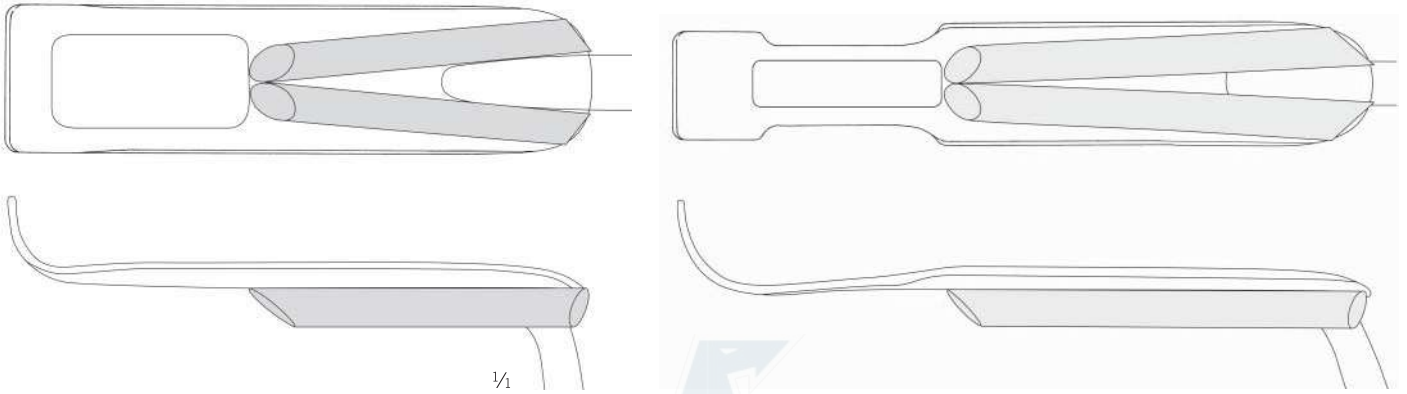
Schuchardt-Lauer  
38-618-10  
15 cm / 5 7/8"



1/2

Metz-Lauer  
38-618-20  
15 cm / 5 7/8"





1/2

Schuchardt-Lauer  
 38-620-10  
 20 cm / 7 7/8"



1/2

Metz-Lauer  
 38-620-20  
 20 cm / 7 7/8"

## Periosteal Elevators

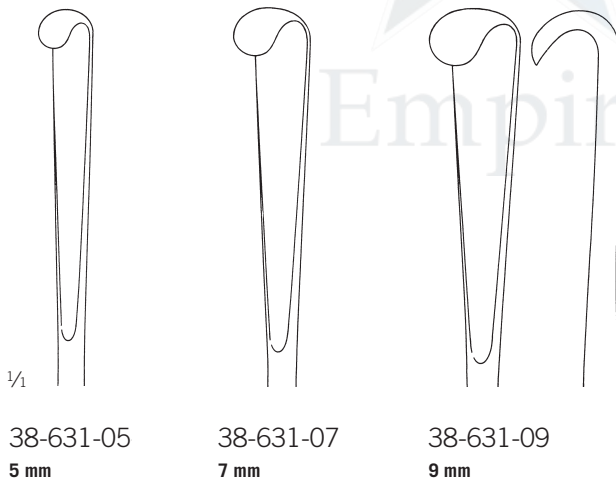
Periostótomos  
Rugines-raspatoires  
Periostotomi

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Obwegeser  
38-630-06 - 38-630-11  
17,5 cm / 6 7/8"



Obwegeser  
38-631-05 - 38-631-09  
20 cm / 7 7/8"

**Periosteal Elevators**

Periostótomos  
Rugines-raspatoires  
Periostotomi



1/2

Obwegeser  
38-632-01 - 38-632-02  
17,5 cm / 6 7/8"

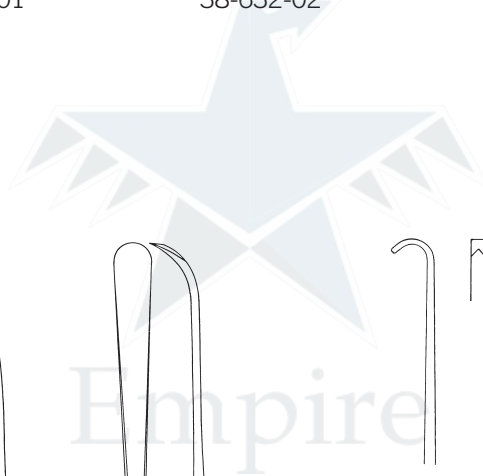


38-632-01



38-632-02

1/1



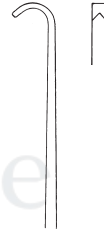
38-633-01

Periosteal Elevator  
Legra  
Rugine-raspatoire  
Elevatore per periosteo



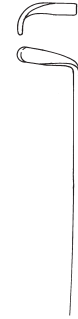
38-633-02

Periosteal Elevator  
Legra  
Rugine-raspatoire  
Elevatore per periosteo



**Fig. 11**  
38-633-03

Condylar Repositioning Instrument  
Instrumento para reposicion condylar  
Repositionneur pour articul. mahoire  
Strumento di riposizionamento condilare

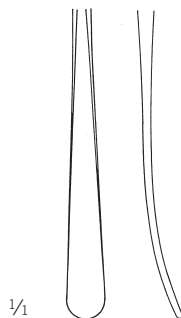


**Fig. 12**  
38-633-04

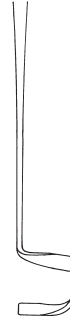
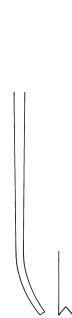


1/2

Krenkel  
38-633-01 - 38-633-04  
24,5 cm / 9 5/8"



1/1





## Elevators, Wire Pushers

Elevadores, Empujadores de alambres  
Elévateurs, Outil de positionnement  
Elevatori, Posizionatori per filo

## Oral Maxillo-facial Surgery

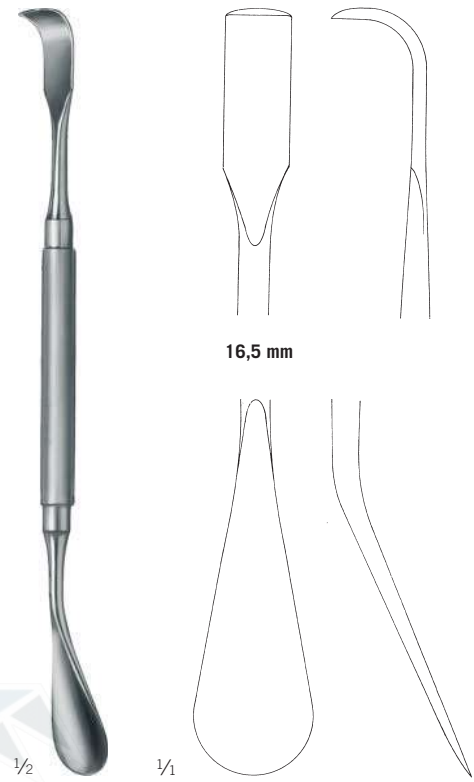
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Obwegeser  
38-640-21  
20,5 cm / 8 1/8"



Obwegeser  
38-642-21  
20,5 cm / 8 1/8"



Donovan  
38-694-20  
19,5 cm / 7 5/8"

Empire



Erich  
38-690-00

Overall length  
Longitud total  
Longueur totale  
Lunghezza complessiva

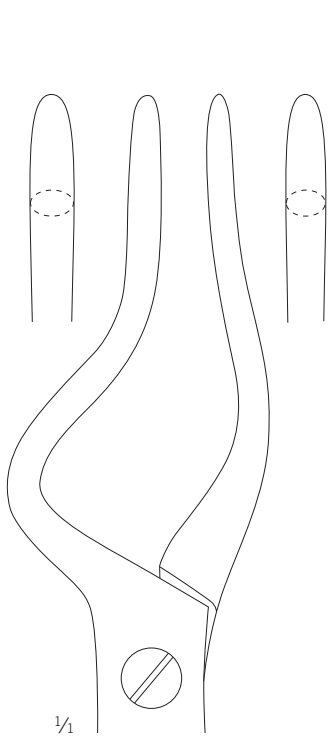
**1 m**

**Bone Crusher**

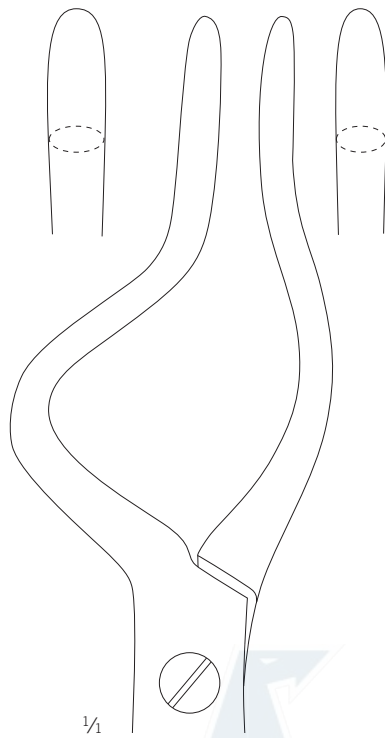
Aplastador óseo

Presse d'os

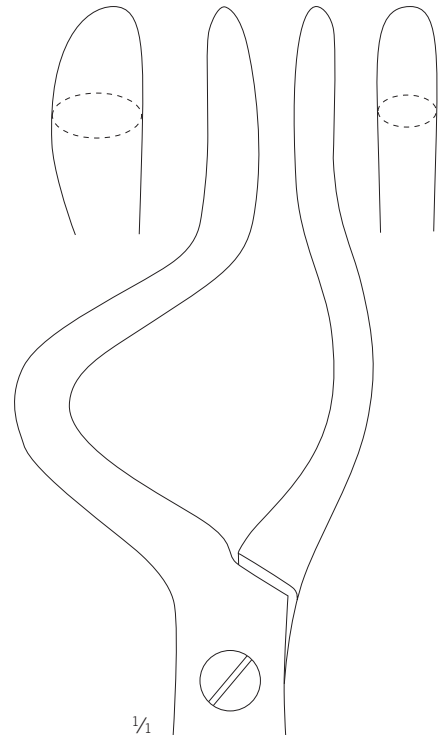
Strumento per schiacciamento ossa



38-700-01 **L**  
38-701-01 **R**  
21,5 cm / 8<sup>4</sup>/<sub>8</sub>"



38-700-02 **L**  
38-701-02 **R**  
24 cm / 9<sup>4</sup>/<sub>8</sub>"



38-700-03 **L**  
38-701-03 **R**  
24,5 cm / 9<sup>5</sup>/<sub>8</sub>"



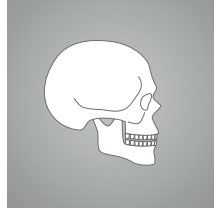
Rowe  
**L**  
left  
izquierdo  
gauche  
sinistra



Rowe  
**R**  
right  
derecho  
droit  
destra

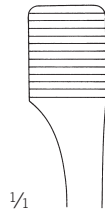
**Zygoma Elevators**  
 Elevadores cigomáticos  
 Elévateurs zygomatiques  
 Elevatori per zigomo

**Oral Maxillo-facial Surgery**  
 Cirugía oral y maxilofacial  
 Chirurgie buccale et maxillo-faciale  
 Chirurgia maxillo-facciale



1/2

10,5 mm  
(L)



1/1

38-711-01

left  
izquierdo  
gauche  
sinistra

10,5 mm  
(R)



38-711-02

right  
derecho  
droit  
destra

**Tessier**  
 38-711-01 - 38-711-02

Maxillary Mobilizer  
 Gancho para movilización  
 Mobilisateur  
 Gancio per mobilizzare



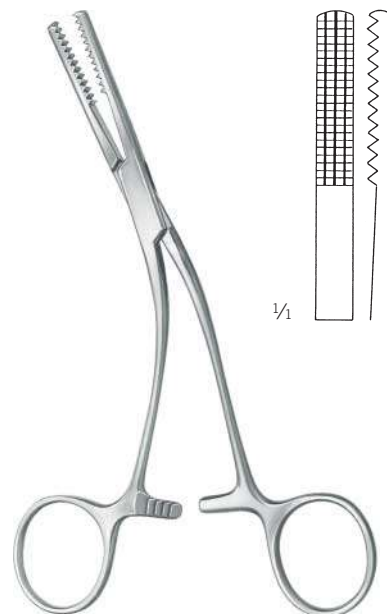
Empire



1/2

1/1

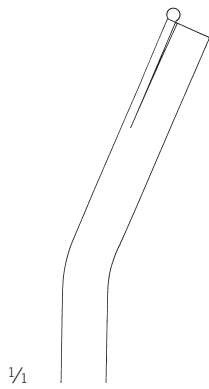
**Dingmann-Wilk**  
 38-715-19  
 20 cm / 7 7/8"



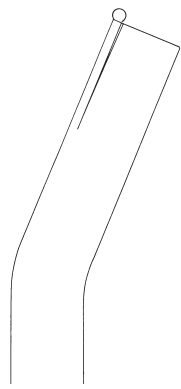
1/2

1/1

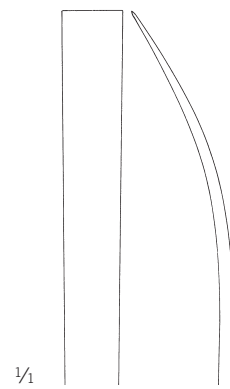
**Salyer**  
 38-723-16  
 16,5 cm / 6 4/8"



38-781-00  
6 mm



38-781-01  
8 mm



38-783-01  
8 mm

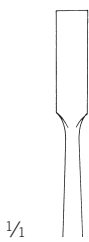
1/2

1/2

Bauer  
38-781-00 -  
38-781-01  
20,5 cm / 8 1/8"

Epker-Bauer  
38-783-01  
17,5 cm / 6 7/8"

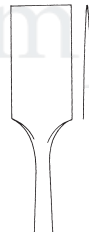
Empire



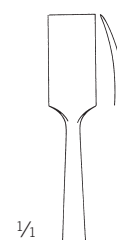
38-790-04  
16,5 cm / 6 4/8"  
4 mm



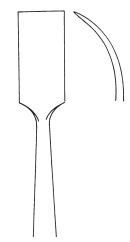
38-790-06  
17 cm / 6 5/8"  
6 mm



38-790-08  
17 cm / 6 5/8"  
8 mm



38-791-01  
6 mm



38-791-03  
6 mm

1/2

1/2

Dunn-Dautrey  
38-790-04-  
38-790-08

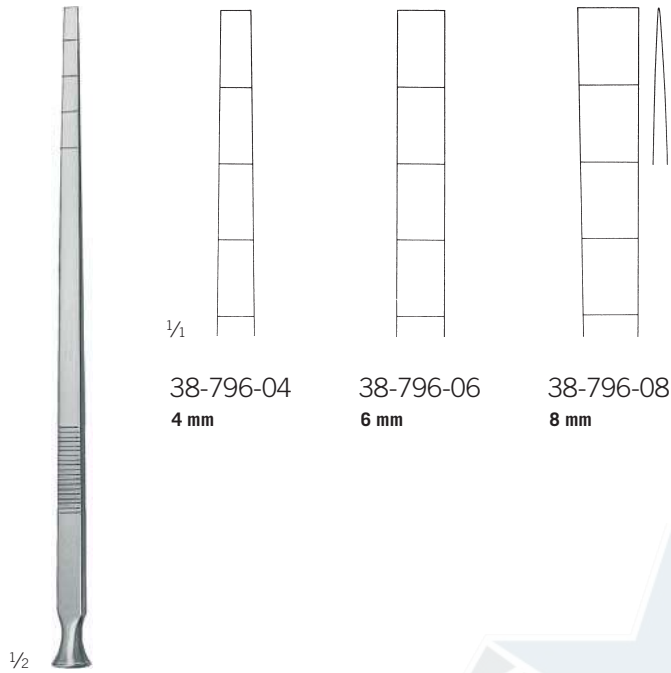
Dunn-Dautrey  
38-791-01-  
38-791-03  
17 cm / 6 5/8"

## Osteotomes

Osteótomos  
Ostéotomes  
Osteotomi

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale

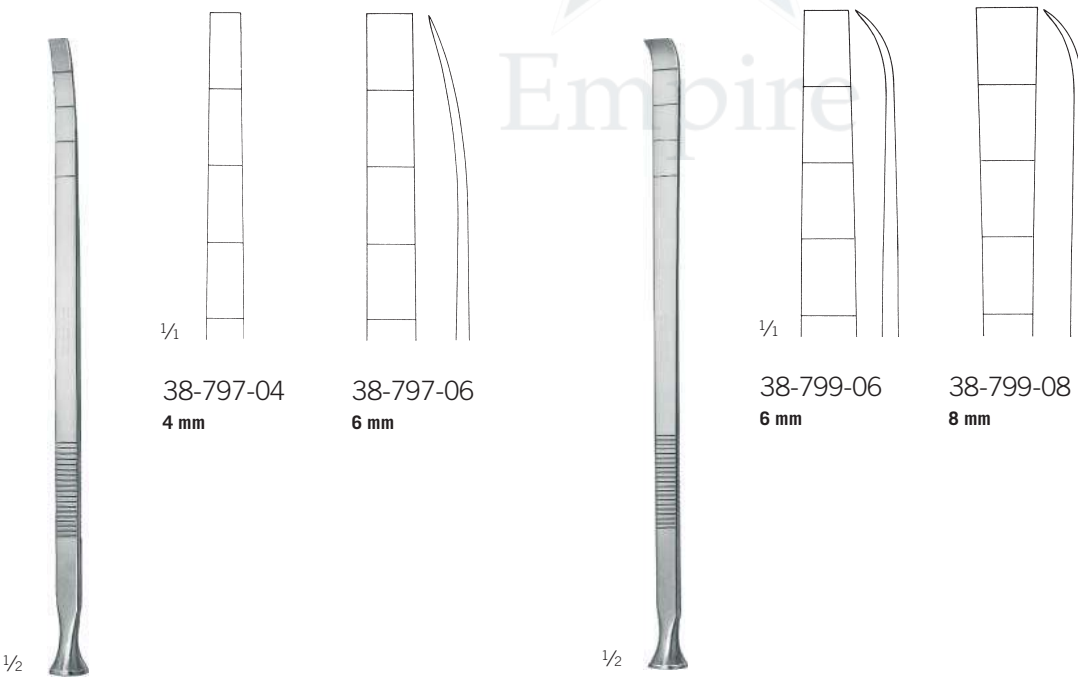


38-796-04  
4 mm

38-796-06  
6 mm

38-796-08  
8 mm

Epker  
38-796-04 -  
38-796-08  
18 cm / 7 1/8"



38-797-04  
4 mm

38-797-06  
6 mm

38-799-06  
6 mm

38-799-08  
8 mm

Epker  
38-797-04 -  
38-797-06  
18 cm / 7 1/8"

Epker  
38-799-06 -  
38-799-08  
18 cm / 7 1/8"

**Ramus Retractors**

Separadores para el ramo  
Ecarteurs pour ramus  
Divaricatori per il ramo

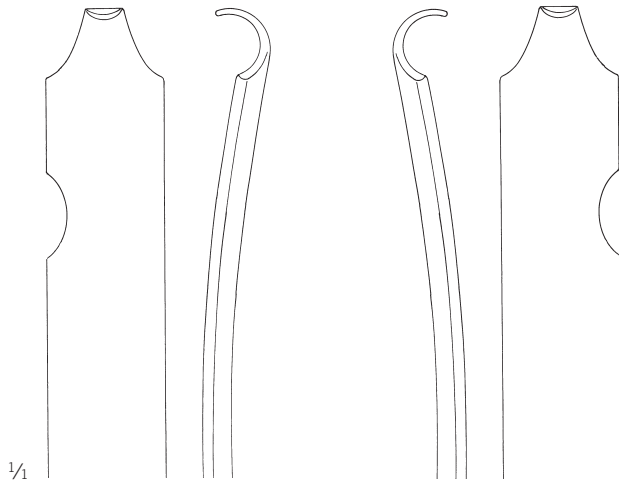
**Mandibular Body Retractor, Anterior Border Stripper**

Separador para el cuerpo mandibular, Separador para el borde anterior  
Ecarteur pour corps mandibulaire, Ecarteur pour le bord antérieur  
Separatore per il corpo mandibulare, Separatore per il bordo anteriore



1/2

Hargis  
38-831-01 -  
38-831-02  
19,5 cm / 7 5/8"



1/1

38-831-01

left  
izquierdo  
gauche  
sinistra

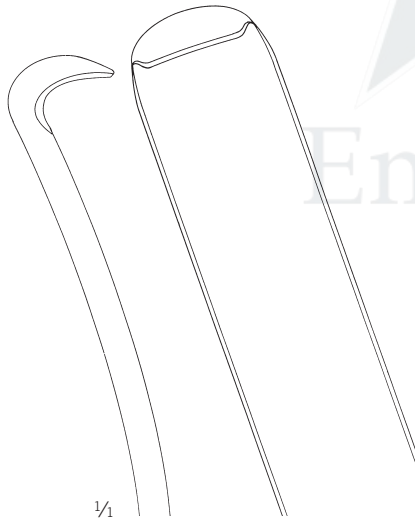
38-831-02

right  
derecho  
droit  
destra



1/2

Hargis  
38-833-18q  
17,5 cm / 6 7/8"

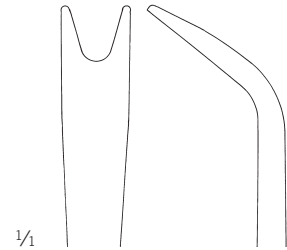


1/1

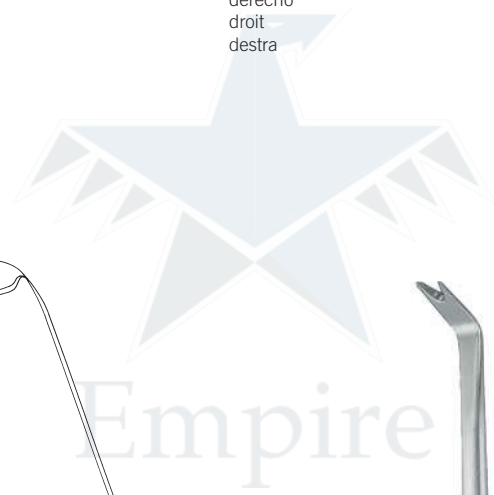


1/2

Hargis  
38-835-19  
18,5 cm / 7 2/8"



1/1



## Periosteal Elevators

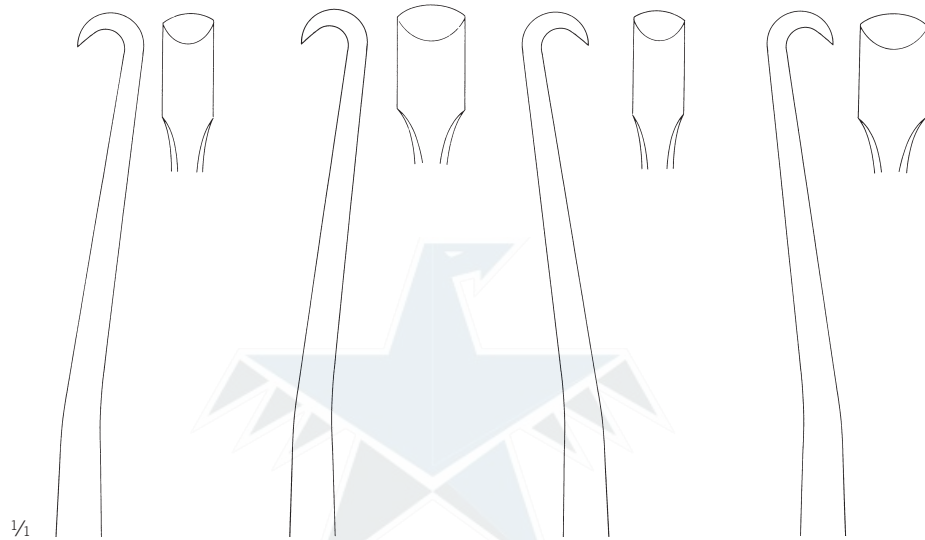
Legras  
Rugine-raspatoires  
Elevatori per periosteo

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2



1/1

38-837-01

23,5 cm / 9 2/8"

**6,5 mm**

right  
derecho  
droit  
destra

38-837-02

23 cm / 9"

**9 mm**

right  
derecho  
droit  
destra

38-837-03

23,5 cm / 9 2/8"

**6,5 mm**

left  
izquierdo  
gauche  
sinistra

38-837-04

23 cm / 9"

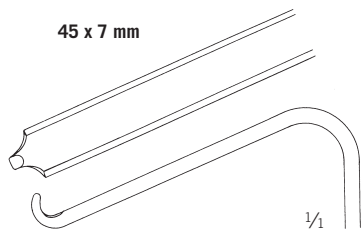
**9 mm**

left  
izquierdo  
gauche  
sinistra

Hargis  
38-837-01 -  
38-837-04

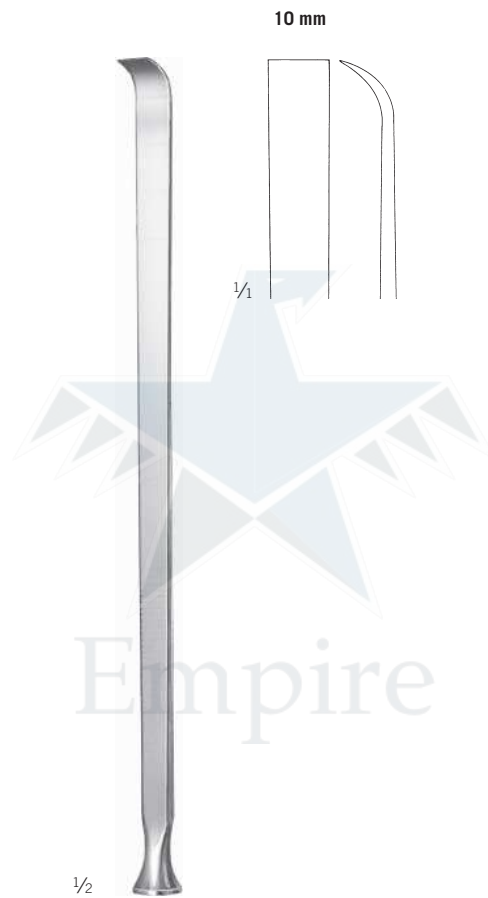
**Periform Rim Retractor, Pterygoid Osteotome,**

Gancho piriforme, Osteótomo pterigoideo,  
 Crochet pour la fosse piriforme, Ostéotome ptérygoïde,  
 Divaricatore per piriforme, Osteotomo per pterigoideo,



1/2

Hargis  
 38-839-18  
 18,5 cm / 7 2/8"



1/2

Hargis  
 38-841-22  
 22 cm / 8 5/8"



## Sagittal split Separators, Ramus Separator

Separadores sagitales, Pinza para separar la rama

Ecarteurs sagitaux, Pince pour séparer ramus

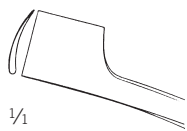
Separatori sagittali, Pinza per separare il ramo

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial

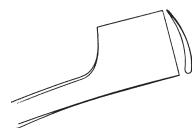
Chirurgie buccale et maxillo-faciale

Chirurgia maxillo-facciale



1/1

9 mm



9 mm



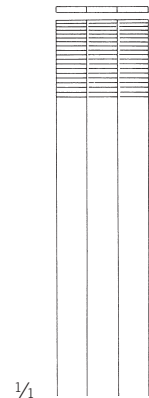
1/2



1/2



1/2



1/1

Smith  
38-845-01

18,5 cm / 7 2/8"

right  
destra  
derecho  
droit

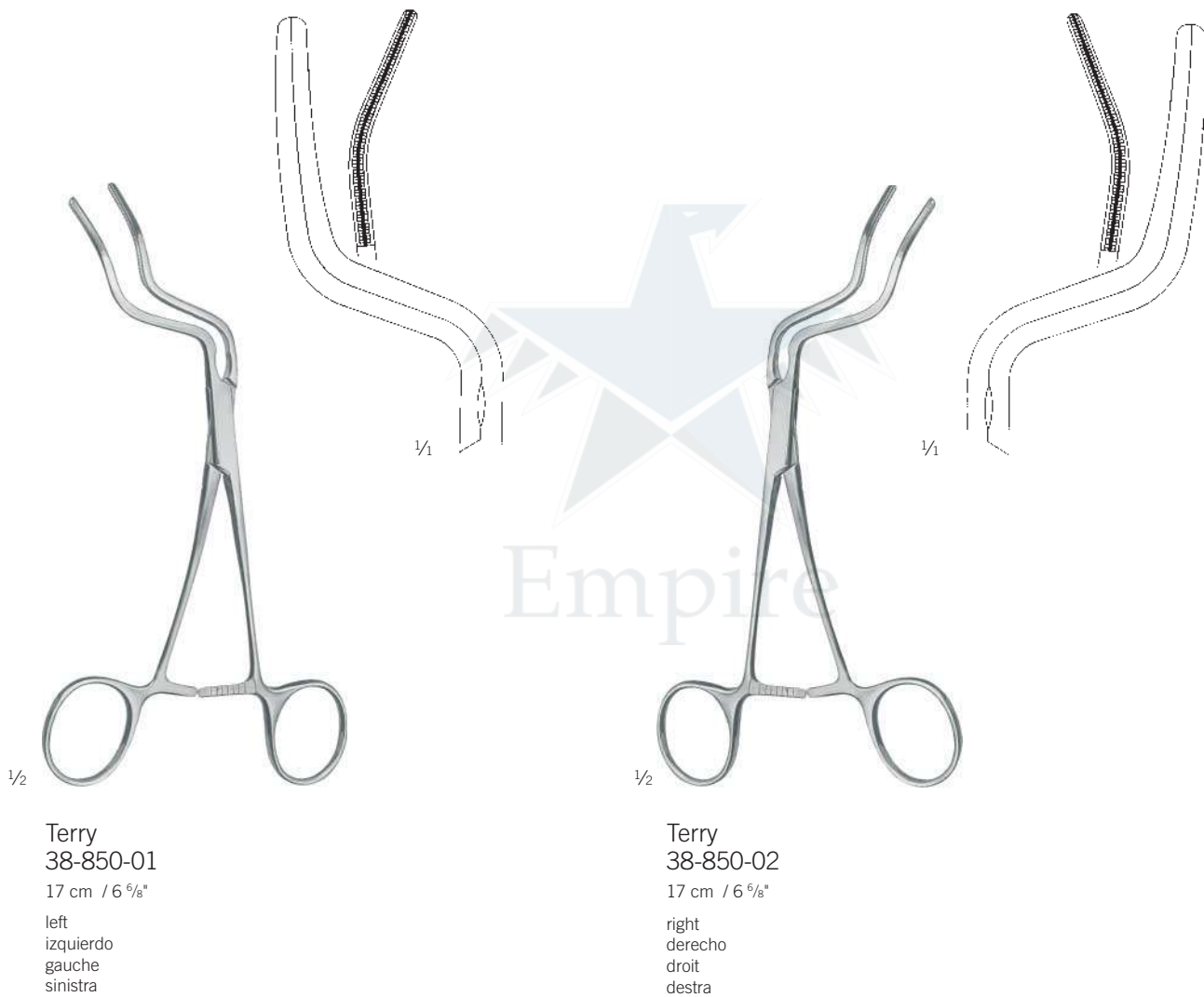
Smith  
38-845-02

18,5 cm / 7 2/8"

left  
sinistra  
izquierdo  
gauche

Smith  
38-846-20

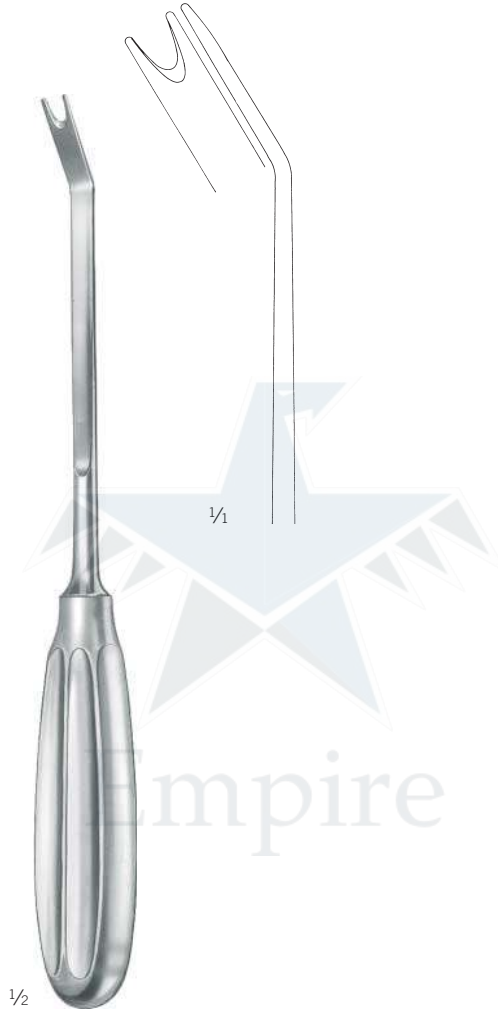
23,5 cm / 9 2/8"





**Terry**  
38-851-16  
16,5 cm / 6 4/8"

Madibular Retractors  
Gancho mandibular  
Crochet mandibulaire  
Divaricatore per mandibula



**Terry**  
38-853-24  
24 cm / 9 4/8"

Ramus Pusher  
Corredera de rama  
Manipulateur pour ramus  
DPosizionatore per ramo



**Terry**  
38-856-19  
19 cm / 7 4/8"

Septal Osteotome  
Osteótomo nasal  
Ostéotome nasale  
Osteotomo nasale



$\frac{1}{1}$   
Turvey  
38-870-17  
17 cm / 6  $\frac{5}{8}$ "

Madibular Retractors  
Gancho mandibular  
Crochet mandibulaire  
Divaricatore per mandibula



$\frac{1}{2}$   
Steinhäuser  
38-877-00  
27 cm / 10  $\frac{5}{8}$ "

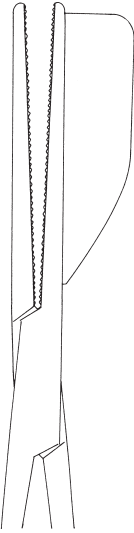
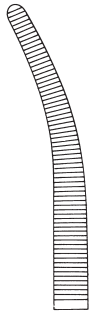
Elevator, extra long  
Elevador de rama, muy largo  
Élévateur, très long  
Elevatore, molto lungo

## Ramus Clamps

Pinzas de rama  
Clamps pour ramus  
Pinze per ramo

## Oral Maxillo-facial Surgery

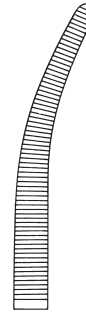
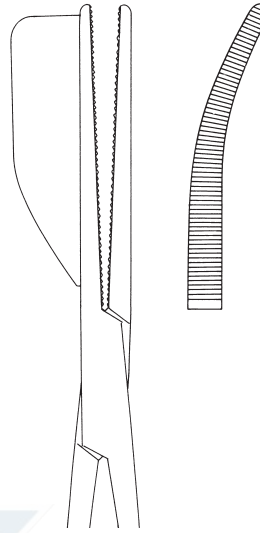
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/4

38-878-01

right  
derecho  
droit  
destra



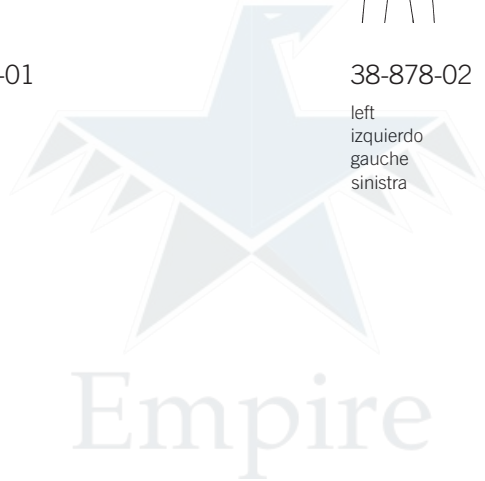
38-878-02

left  
izquierdo  
gauche  
sinistra



1/2

Steinhäuser  
38-878-01  
16 cm / 6 2/8"



1/2

Steinhäuser  
38-878-02  
16 cm / 6 2/8"

**Ramus Osteotomes, Chisels**

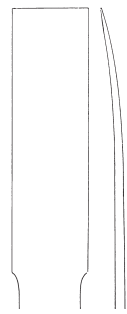
Osteótomos de rama, Cinceles  
 Ostéotome pour ramus, Ciseaux-burins  
 Osteotomi per ramo, Scalpelli



1/2



38-881-07  
7 mm



38-881-10  
10 mm

Steinhäuser  
 38-881-07 - 38-881-10  
 17 cm / 6 5/8"

flexible  
 flexible  
 flexible  
 flessibile



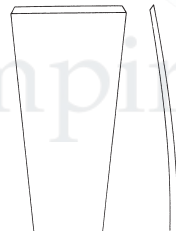
1/2



38-883-07  
7 mm



38-883-11  
11 mm



38-883-15  
15 mm

Steinhäuser  
 38-883-07 -  
 38-883-15  
 19 cm / 7 1/2"



6 mm

1/4



1/2

Steinhäuser  
 38-885-18  
 18 cm / 7 1/8"

Reposition Instrument  
 Instrumento de reposición  
 Pince de réposition  
 Strumento per riduzione

## Zygomatic Retractor

Separador cigomático  
Ecarteur cygomatique  
Divaricatore per zigomo

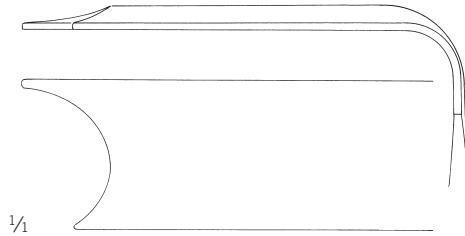
## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

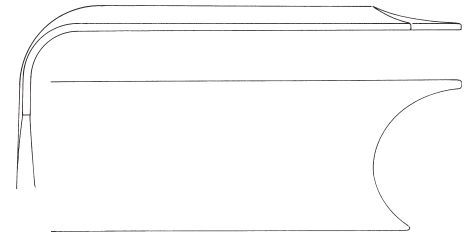
Steinhäuser  
38-891-01 -  
38-891-02  
25 cm / 9 7/8"



1/4

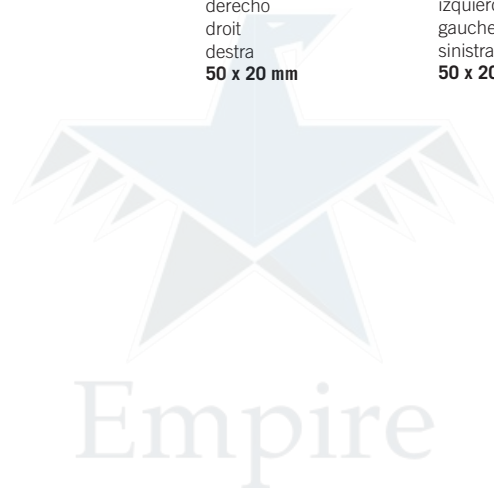
38-891-01

right  
derecho  
droit  
destra  
50 x 20 mm



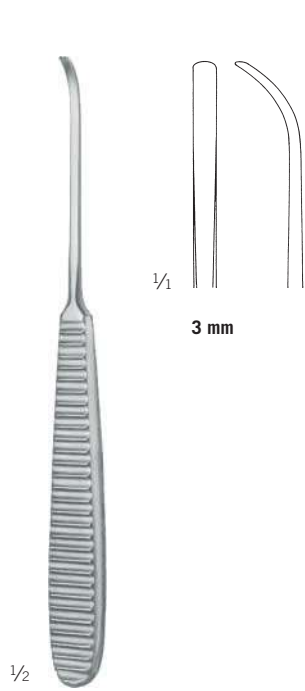
38-891-02

left  
izquierdo  
gauche  
sinistra  
50 x 20 mm

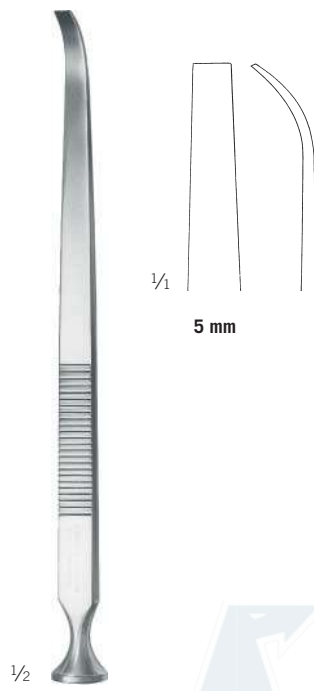


## Raspatories, Osteotomes

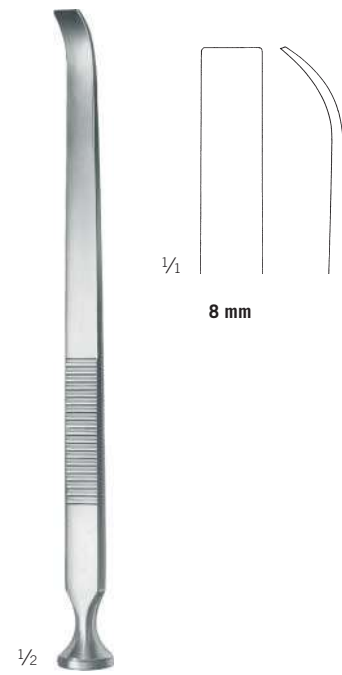
Legras, Osteótomos  
Rugine-raspatoires, Ostéotomes  
Elevatori per periosteo, Osteotomi



Steinhäuser  
38-893-16  
16,5 cm / 6 4/8"



Steinhäuser  
38-895-05  
18 cm / 7 1/8"



Steinhäuser  
38-895-08  
18 cm / 7 1/8"



38-899-06  
6 mm

38-899-08  
8 mm

Wolford  
38-899-06 -  
38-899-08  
21,5 cm / 8 4/8"

Empire



## End and side nippers, bar bending plier

Alicates cortantes y alicates para doblar alambres  
Pincers, pinces à courber les branches  
Tenaglie, tenaglie per la piegatura di staffe

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

Mershon  
46-528-01

Band pusher  
Ajustador de bandas  
Ajusteur de bande  
Dispositivo di azionamento  
del nastro



Empire



1/2

Schwarz  
47-606-13  
13 cm / 5 1/8"

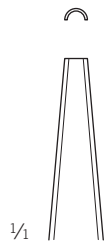


Fig. 2



1/2

Schwarz  
47-608-13  
13 cm / 5 1/8"



Fig. 3

**Soft Tissue Retractors**

Separadores para partes blandas

Ecarteurs pour parties molles

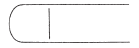
Divaricatori per tessuti molli



1/2

Obwegeser  
48-101-16 -  
48-101-80

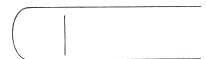
bent upwards  
angulado hacia arriba  
coudé en haut  
angolato in alto



48-101-16

21,5 cm / 8 1/8"

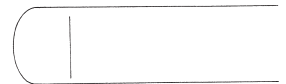
**16 x 5 mm**



48-101-25

21 cm / 8 2/8"

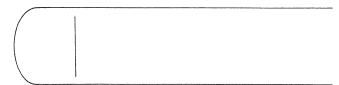
**25 x 7 mm**



48-101-35

23 cm / 8"

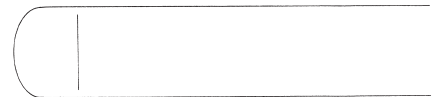
**35 x 10 mm**



48-101-42

23 cm / 8"

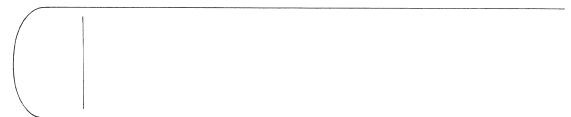
**42 x 10 mm**



48-101-55

23,5 cm / 9 2/8"

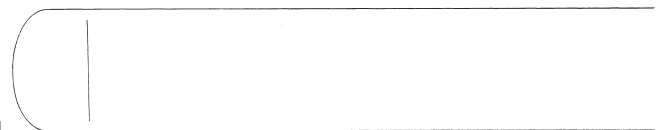
**57 x 12,5 mm**



48-101-70

23,8 cm / 9 3/8"

**72 x 15 mm**



1/1

48-101-80

24 cm / 9 4/8"

**86 x 17 mm**

## Soft Tissue Retractors

Separadores para partes blandas

Ecarteurs pour parties molles

Divaricatori per tessuti molli

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial

Chirurgie buccale et maxillo-faciale

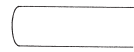
Chirurgia maxillo-facciale



1/2

Obwegeser  
48-103-16 -  
48-103-80

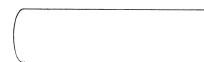
bent downwards  
angulado hacia abajo  
coudé en bas  
angolato in basso



48-103-16

21 cm / 8 2/8"

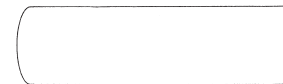
16 x 5 mm



48-103-25

21 cm / 8 2/8"

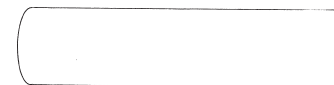
25 x 7 mm



48-103-35

23 cm / 8"

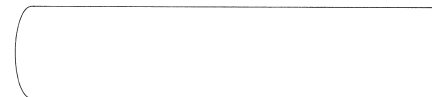
35 x 10 mm



48-103-42

23 cm / 8"

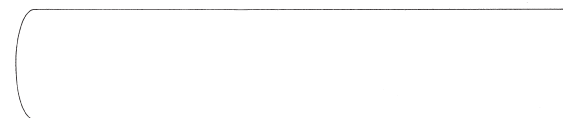
42 x 10 mm



48-103-55

23,5 cm / 9 2/8"

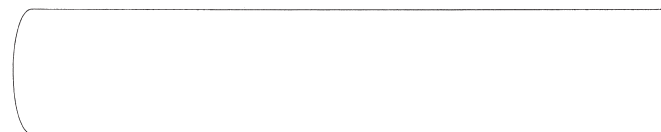
55 x 12 mm



48-103-70

23,5 cm / 9 2/8"

72 x 15 mm

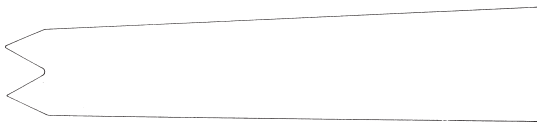


1/1

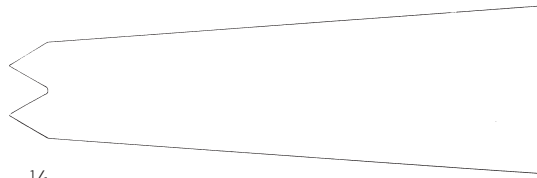
48-103-80

23,5 cm / 9 2/8"

86 x 17 mm

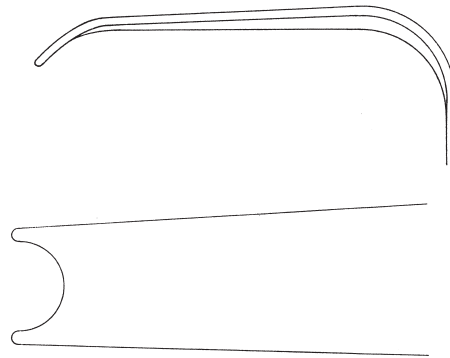


48-107-22  
75 x 11/15 mm



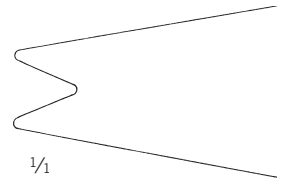
1/1

48-109-22  
75 x 12/22 mm



1/1

75 x 12/22 mm



1/1

45 x 10/23 mm



1/1

1/2

**Obwegeser**  
48-107-22 - 48-109-22  
24 cm / 9 4/8"

Ramus Retractors  
Separadores para el ramo  
Ecarteurs pour ramus  
Divaricatori per il ramo



1/2

**Obwegeser**  
48-111-22  
24 cm / 9 4/8"

Third Molar Retractor  
Separador para muela del juicio  
Ecarteur pour dent de sagesse  
Separatore per il dente del giudizio



1/2

**Obwegeser**  
48-113-22  
24 cm / 9 4/8"

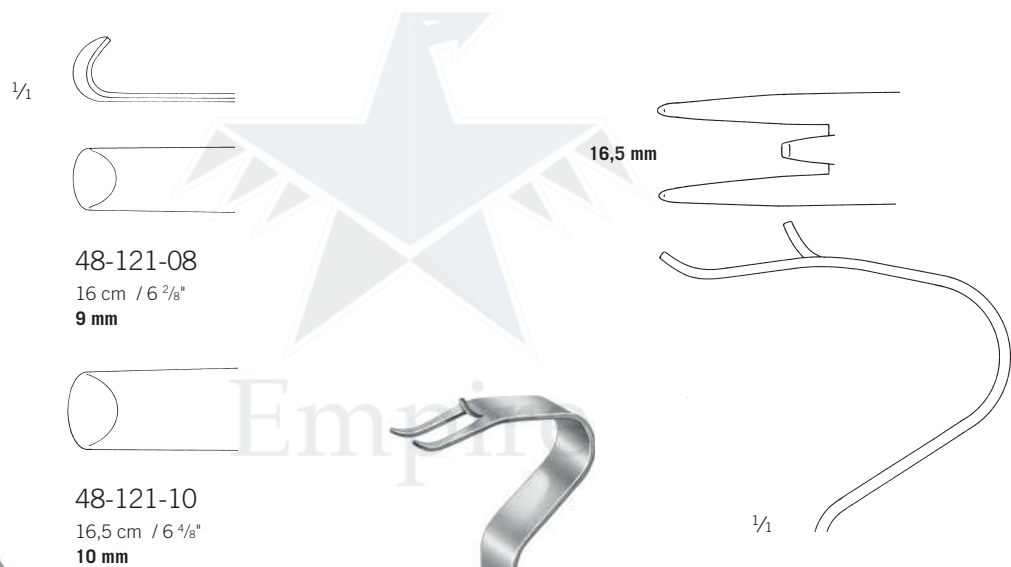
Nasal Spine Retractor  
Separador para espina nasal  
Ecarteur pour spina nasalis  
Separatore per spina nasale

## Channel Retractors

Separadores mandibulares  
Ecarteurs mandibulaires  
Divaricatori mandibulari

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

Obwegeser  
48-121-08 -  
48-121-10



1/2

Obwegeser  
48-125-15  
16 cm / 6 2/8\"/>

Chin Holder  
Separador para mentón  
Ecarteurs pour menton  
Separatore per mento

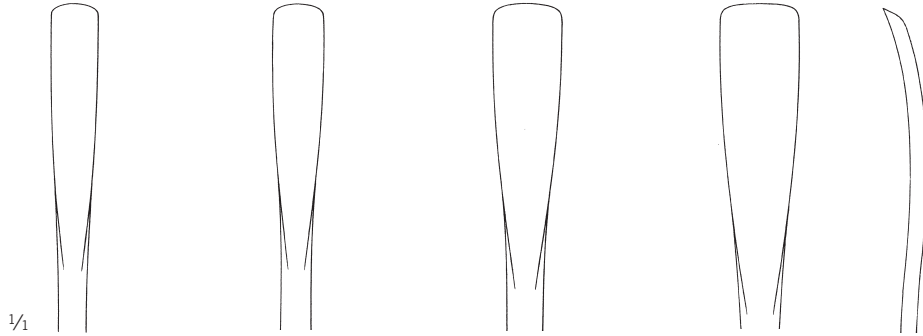
**Periosteal Elevators**

Periostótomos  
Rugines-raspatoires  
Periostotomi



1/2

Obwegeser  
48-130-06 - 48-130-11  
18 cm / 7 1/8"



1/1

48-130-06  
6 mm

48-130-07  
7 mm

48-130-09  
9 mm

48-130-11  
11 mm

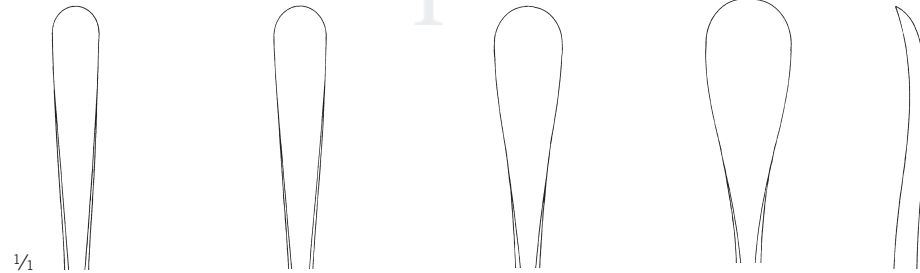


Empire



1/2

Obwegeser  
48-132-06 - 48-132-11  
18 cm / 7 1/8"



1/1

48-132-06  
6 mm

48-132-07  
7 mm

48-132-09  
9 mm

48-132-11  
11 mm

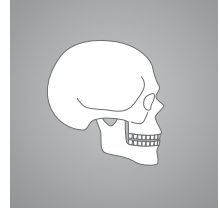
flat cutting  
biselado plano  
tranchant plat  
affilatura plana

## Mandibular Ingerior Border Raspatories, Swallowtail Raspatories

Legras para el borde mandibular, Legras en forma de cola de milano

Rugine-raspatoires pour le bord mandibulaire, Rugine-raspatoires sous forme de queue d'aronde

Staccaperiostio per bordo mandibulare, Staccaperiostio a coda di rondine



Obwegeser  
48-135-21  
21 cm / 8 2/8"



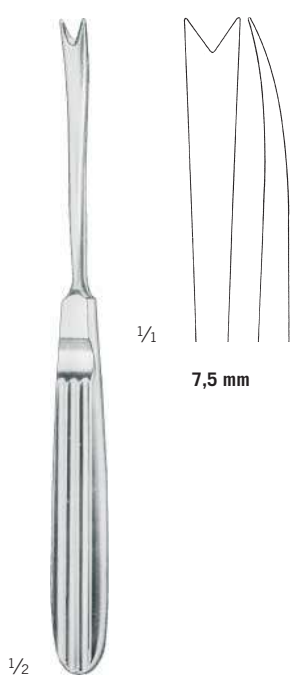
Obwegeser  
48-137-21  
21 cm / 8 2/8"



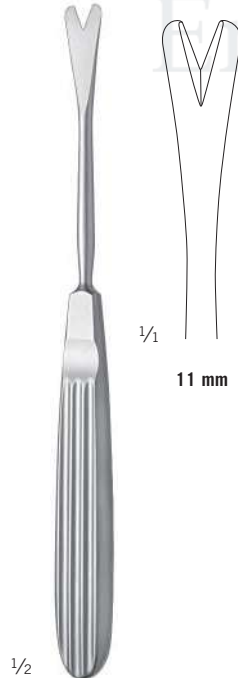
Obwegeser  
48-140-01  
18 cm / 7 1/8"  
angled to left  
angulado hacia la izquierda  
coudé à gauche  
angolato a sinistra



Obwegeser  
48-140-02  
18 cm / 7 1/8"  
angled to right  
angulado hacia la derecha  
coudé à droite  
angolato a destra



Obwegeser  
48-150-01  
17,5 cm / 6 7/8"



Obwegeser  
48-150-02  
17,5 cm / 6 7/8"

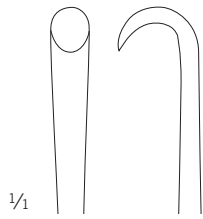
## Ramus Periosteal Elevators, Septonasal Osteotome

Legras para el ramo, Osteótomos para el tabique nasal  
 Rugine-raspatoires pour ramus, Ostéotomes pour cloison nasale  
 Elevatori periostali per ramo, Osteotomo per setto nasale



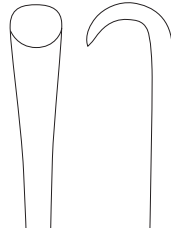
1/2

Obwegeser  
 48-152-05 - 48-152-09  
 21 cm / 8 1/8"

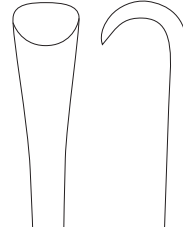


1/1

48-152-05  
 5 mm



48-152-07  
 7 mm



48-152-09  
 9 mm



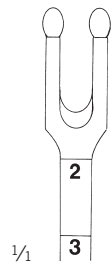
Empire



1/2

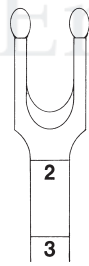
Obwegeser  
 48-156-04 - 48-156-08  
 19 cm / 7 1/2"

graduated  
 graduado  
 gradué  
 graduato



1/1

48-156-04  
 4 mm



48-156-06  
 6 mm



48-156-08  
 8 mm



## Wedge Osteotomes, Blade Osteotomes

Osteótomos de cuña, Osteótomos de hoja  
 Ostéotome cunéiforme, Ostéotome en lame  
 Osteotomo a forma di cuneo, Osteotomo

## Oral Maxillo-facial Surgery

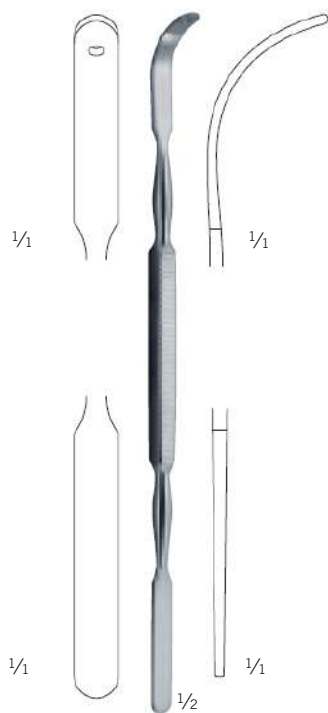
Cirugía oral y maxilofacial  
 Chirurgie buccale et maxillo-faciale  
 Chirurgia maxillo-facciale



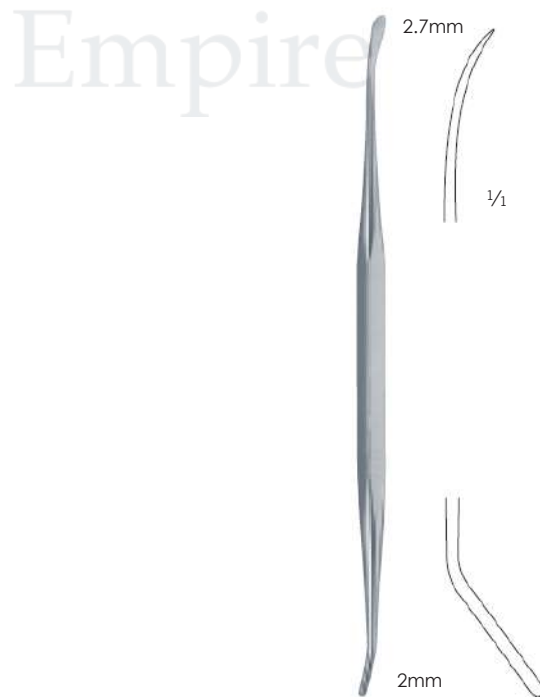
Obwegeser  
 37-563-21  
 21,5 cm / 8 1/2"  
 10mm wide blade



Obwegeser  
 37-564-21  
 21,5 cm / 8 1/2"  
 10mm wide blade

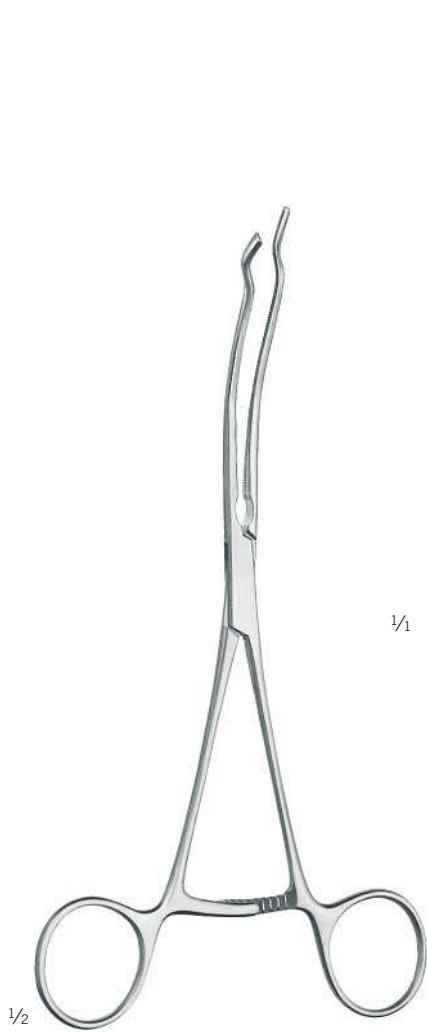


Mc Donald  
 37-587-19  
 19 cm / 7 1/2"

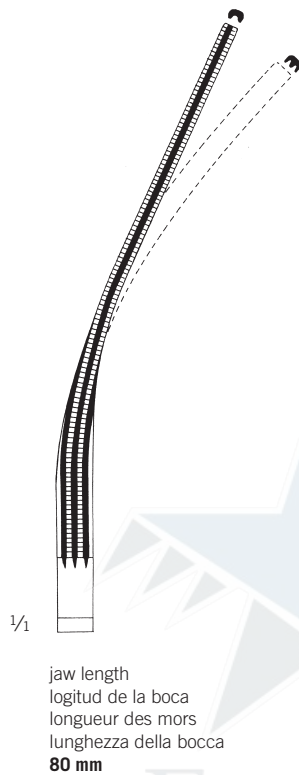


Watson-cheyne  
 37-588-19  
 19 cm / 7 1/2"

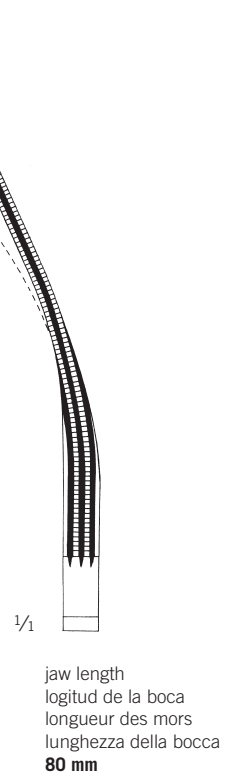
**Atrauma**



Obwegeser  
 48-163-01  
 21 cm / 8 2/8"  
 left  
 izquierdo  
 gauche  
 sinistra



Obwegeser  
 48-163-02  
 21 cm / 8 2/8"  
 right  
 derecho  
 droit  
 destra

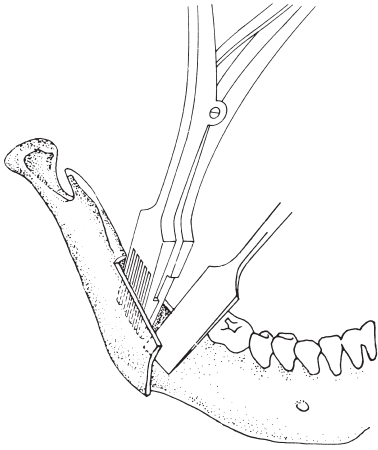


## Bone-spreader

Separador de huesos  
Pince à écarter  
Pinza per allargare

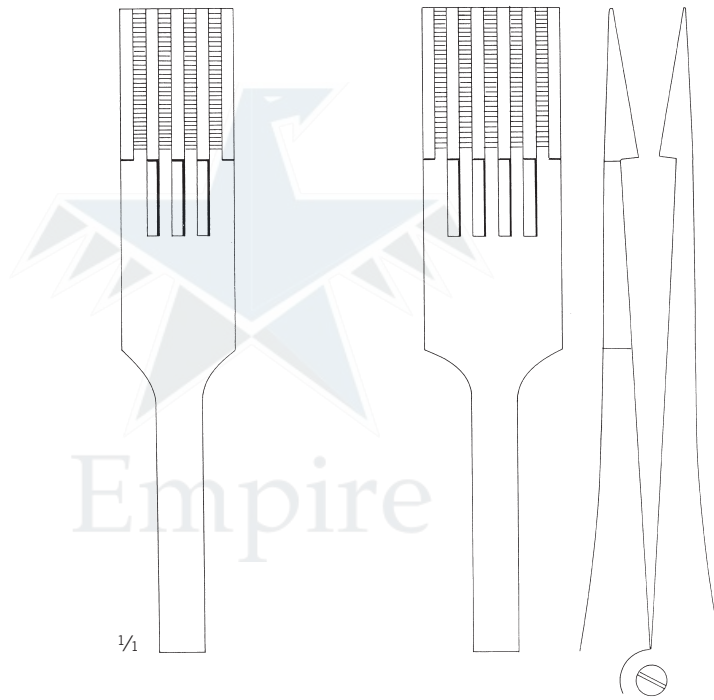
## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

Obwegeser  
48-164-15 -  
48-164-20  
22 cm / 8 5/8"



1/1

48-164-15  
15 mm

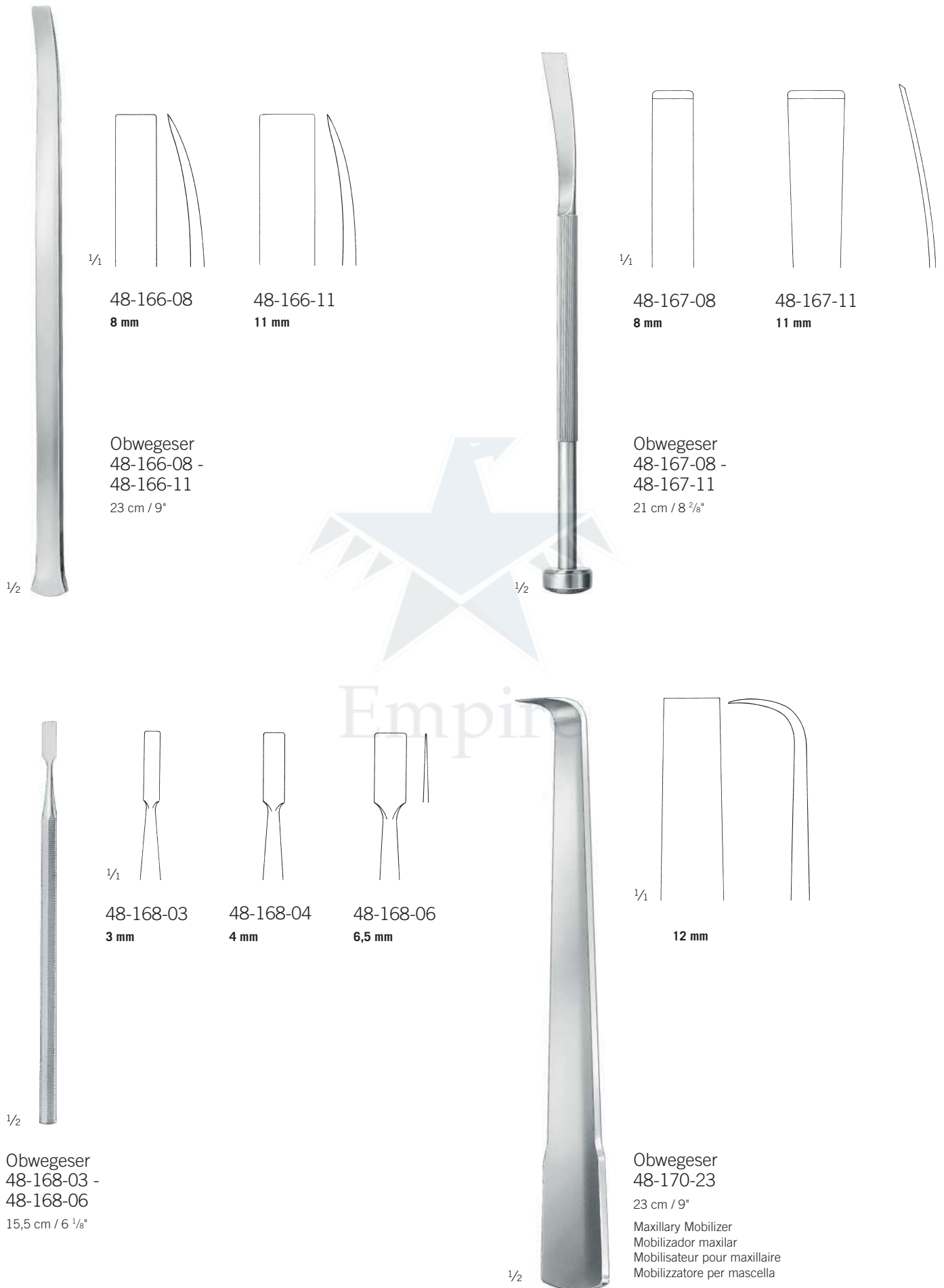
48-164-20  
20 mm

## Osteotomes for maxillary Tuber, Osteotomes, Osteotomes for Alveolar Process

Osteótomos para tubérculo maxilar, Osteótomos, Osteótomos para el proceso alveolar

Ostéotome pour tuber-maxillae, Ostéotomes, Ostéotome pour bord alvéolaire

Osteotomo per tuberosità mascellari, Osteotomo, Osteotomo per processo alveolare



## Wire Twisting Forceps, Bone Contouring Forceps

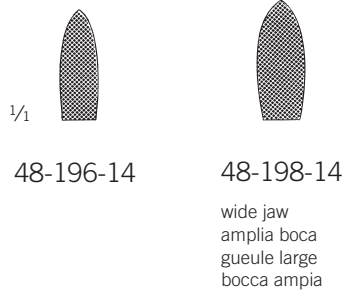
Pinzas para torcer alambre, Pinzas para formar huesos  
 Pincas à torsader le fil, Pincas pour former os  
 Pinze per ritorcere fili, Pinze per afferrare ossa

## Oral Maxillo-facial Surgery

Cirurgia oral y maxilofacial  
 Chirurgie buccale et maxillo-faciale  
 Chirurgia maxillo-facciale



### TC GOLD



1/4

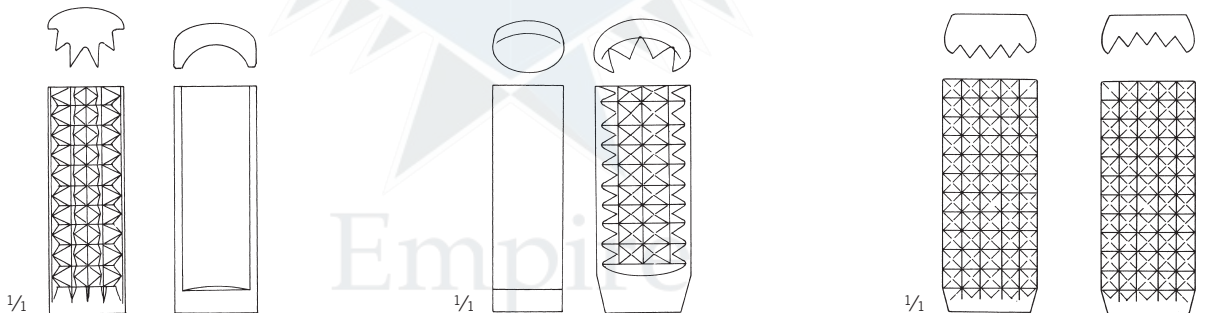
48-196-14

48-198-14

wide jaw  
 amplia boca  
 gueule large  
 bocca ampia

1/2

Obwegeser  
 48-196-14 -  
 48-198-14  
 14 cm / 5 4/8"



1/4

1/4

1/4



jaw  
 boca  
 mors  
 bocca  
**30 x 12 mm**  
 convex / concave  
 convexo / concavo  
 convexe / concave  
 convesso / concavo

1/2

Obwegeser  
 48-220-01  
 18 cm / 7 1/8"



jaw  
 boca  
 mors  
 bocca  
**30 x 13,5 mm**  
 concave / convex  
 concavo / convexo  
 convexe / concave  
 concavo / convesso

1/2

Obwegeser  
 48-220-02  
 18 cm / 7 1/8"



jaw  
 boca  
 mors  
 bocca  
**30 x 13,5 mm**  
 flat / flat  
 plano / plano  
 convexe / concave  
 plano / plano

1/2

Obwegeser  
 48-220-03  
 18 cm / 7 1/8"

### Skin Hooklet, Scalp Clamp

Ganchito para piel, Pinza para cabelludo  
 Crochet pour peau, Pince pour le cuir chevelu  
 Gancio per cute, Pinza per cuoio capelluto



Tessier  
48-250-19

19 cm / 7 <sup>4</sup>/<sub>8</sub>"

sharp  
agudo  
pointu  
acuto



Tessier  
48-252-13

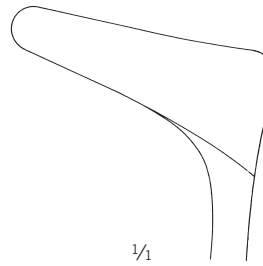
13,5 cm / 5 <sup>3</sup>/<sub>8</sub>"

## Nasal Specula

Espéculos nasales  
Spéculums nasaux  
Specoli nasali

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/1

48-261-30

13,5 cm / 5 3/8"

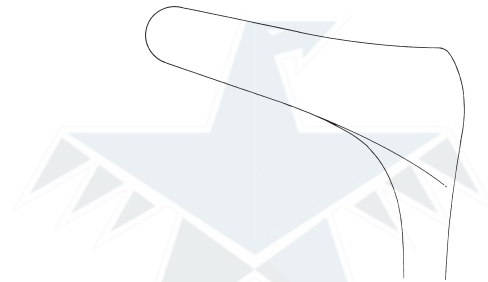
blades  
hojas  
lames  
lame  
**35 mm**



1/2

Tessier  
48-261-30 -  
48-261-70

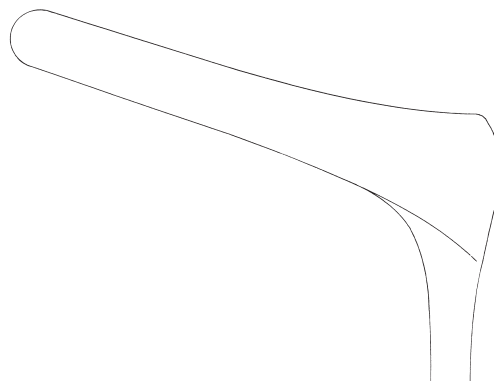
SB



48-261-45

14 cm / 5 4/8"

blades  
hojas  
lames  
lame  
**45 mm**



48-261-70

15,5 cm / 6 1/8"

blades  
hojas  
lames  
lame  
**70 mm**

**Osteotomes**

Osteótomos  
Osteótomes  
Osteotomo



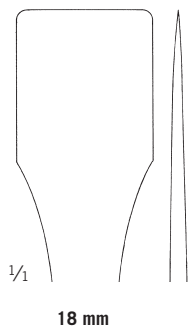
1/2

Tessier  
48-270-02 -  
48-271-10  
16 cm / 6 2/8"



1/2

Tessier  
48-272-18  
16 cm / 6 2/8"

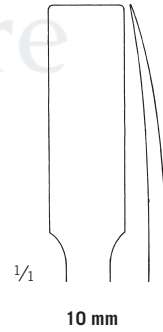


18 mm



1/2

Tessier  
48-273-10  
18 cm / 7 1/8"



10 mm

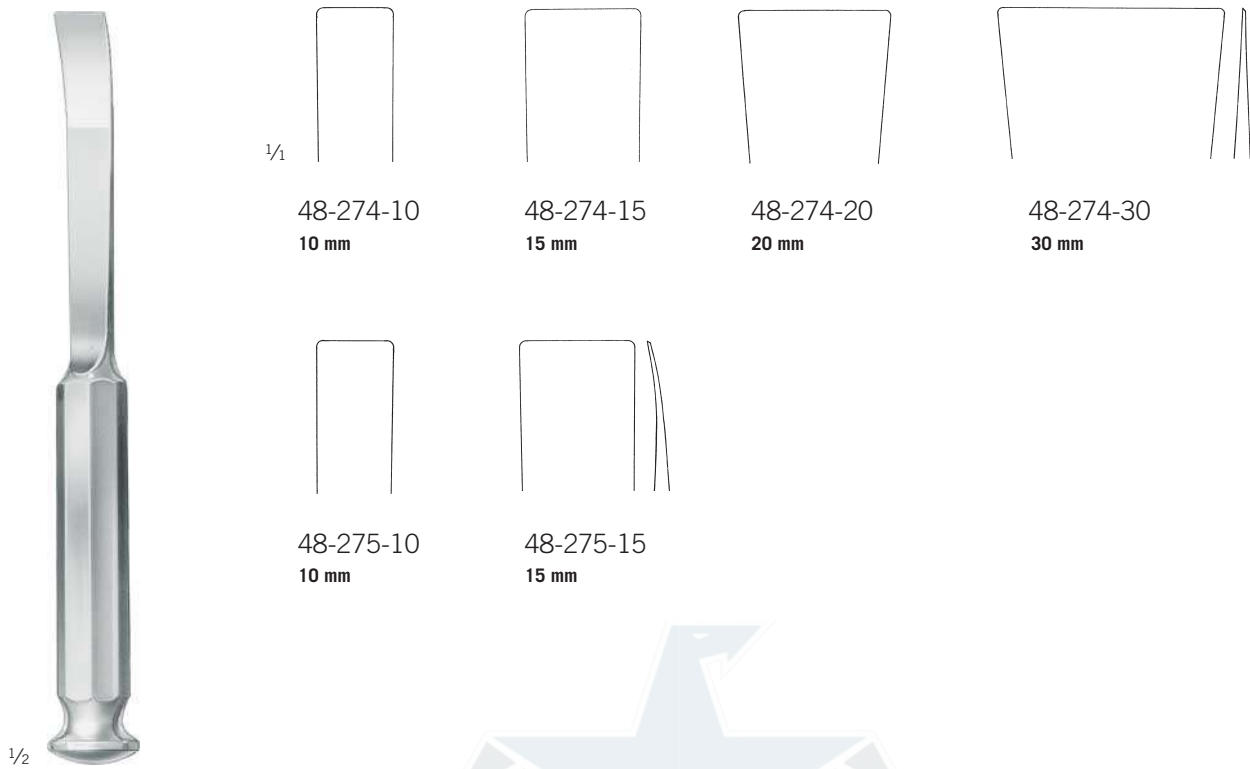


## Osteotomes

Osteótomos  
Ostéotomes  
Osteotomo

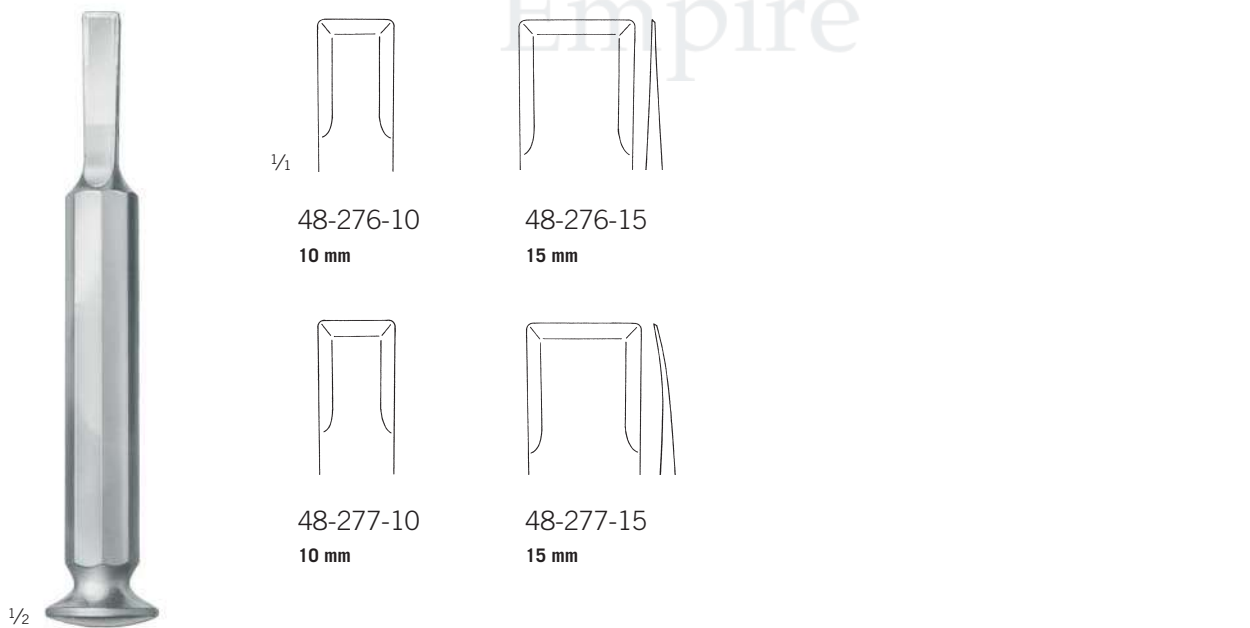
## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Tessier  
48-274-10 - 48-275-15  
20 cm / 7 7/8"

for taking grafts from ilium and tibia  
par sacar transplantes del ilion y la tibia  
pour prise de greffon de l'ilion et du tibia  
per prendere innesti dall'ileo e tibia



Tessier  
48-276-10 - 48-277-15  
16 cm / 6 2/8"

for taking grafts from the calva  
par sacar transplantes del calvo  
pour prise de greffon du crâne  
per prendere innesti dal calvo

## Thoracic Retractors

Separadores torácico  
Rétracteur thoracique  
Divaricatore per torace



1/1

48-285-20

21 cm / 8 2/8"

90 x 22 mm

48-285-28

26,5 cm / 10 3/8"

120 x 28 mm



1/2

Tessier  
48-285-20 -  
48-285-28

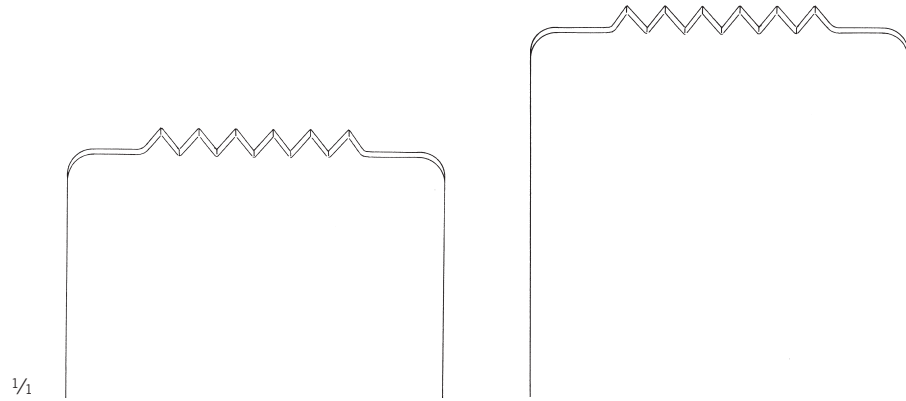


## Iliac Crest Retractors

Separadores para cresta ilíaca  
Rétracteur iliaque  
Divaricatore per cresta iliaca

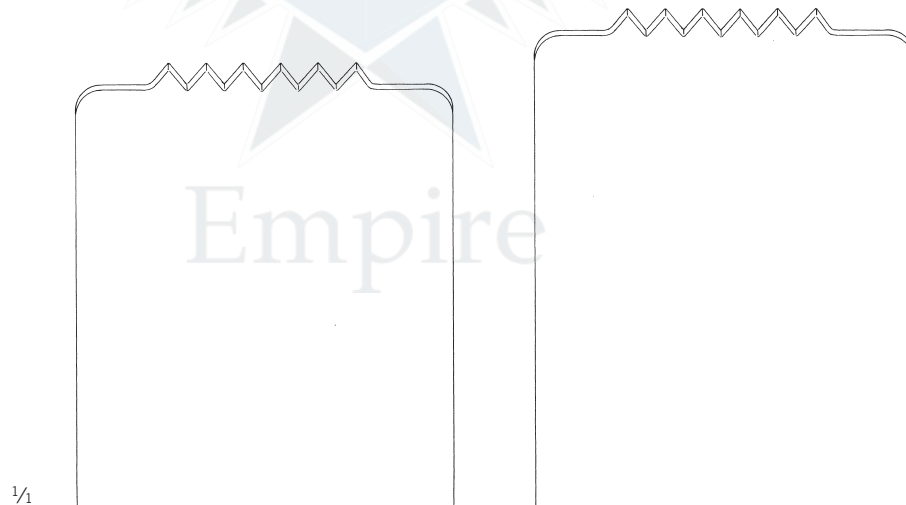
## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



48-287-01  
16,5 cm / 6 4/8"  
36 x 50 mm

48-287-02  
17,5 cm / 6 7/8"  
52 x 50 mm



48-287-03  
17,5 cm / 6 7/8"  
59 x 50 mm

48-287-04  
18 cm / 7 1/8"  
66 x 50 mm

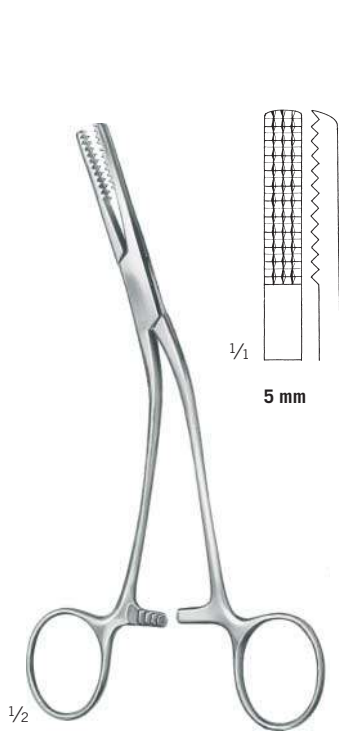


Tessier  
48-287-01 -  
48-287-04

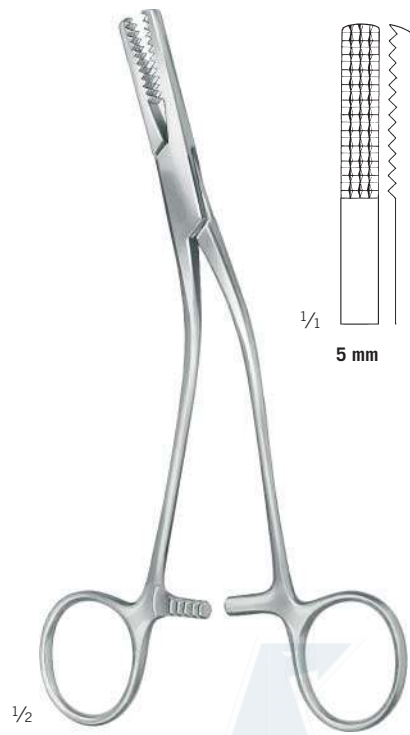
SB

**Bone Holding Forceps, Bone Cutting Forceps, Periosteal Elevators**

Pinzas para huesos, Cizallas para huesos, Legras para periostio  
 Pinces pour os, Pincés coupantes à os, Rugine-raspatoires pour périoste  
 Pinze per ossa, Pinze per ossa, Elevatori periostali



Tessier  
48-291-15  
16,5 cm / 6 4/8"



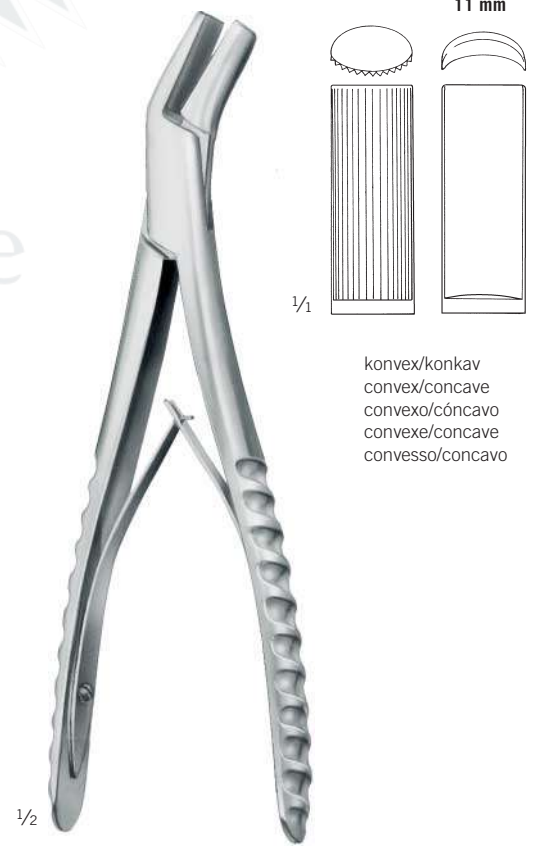
Tessier  
48-293-19  
18 cm / 7 1/8"



Tessier  
48-300-20  
18,5 cm / 7 2/8"  
slender pattern  
modelo delgado  
modèle gracile  
modello delicato



Tessier  
48-301-21  
22 cm / 8 5/8"



Tessier  
48-303-22  
22 cm / 8 5/8"  
Bone Contouring Forceps  
Pinza para formar huesos  
Pince pour former os  
Pinza per formare osso

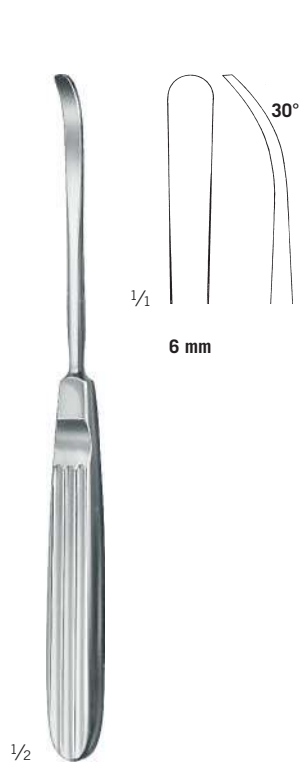
konvex/konkav  
convex/concave  
convexo/côncavo  
convexe/concave  
convesso/concavo

## Awls, Spatula

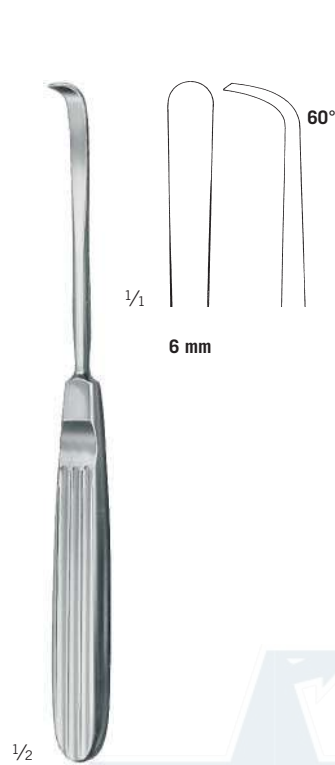
Lezñas, Espátulas  
Alênes, Spatules  
Punteruoli, Spatola

## Oral Maxillo-facial Surgery

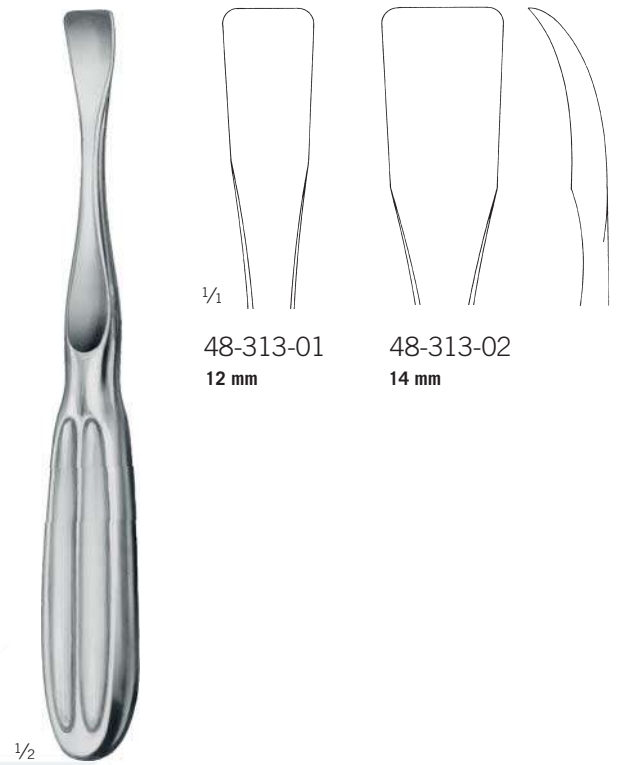
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Tessier  
48-311-01  
18 cm / 7 1/8"



Tessier  
48-311-02  
18 cm / 7 1/8"



Tessier  
48-313-01-  
48-313-02  
20,5 cm / 8 1/8"



Tessier  
48-330-01  
22 cm / 8 5/8"  
**10 - 12 mm**  
conical, malleable  
cónico, maleable  
conique, malléable  
conico, malleabili



Tessier  
48-330-02  
22 cm / 8 5/8"  
**15 - 17 mm**  
conical, malleable  
cónico, maleable  
conique, malléable  
conico, malleabili



Tessier  
48-330-03  
22 cm / 8 5/8"  
**20 - 22 mm**  
conical, malleable  
cónico, maleable  
conique, malléable  
conico, malleabili

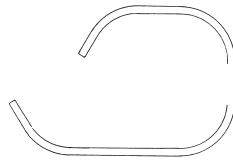


**Soft Tissue Retractors**

Separadores para partes blandas

Ecarteurs pour parties molles

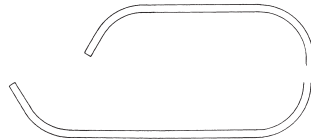
Divaricatori per tessuti molli



48-331-02

15 cm / 5 7/8"

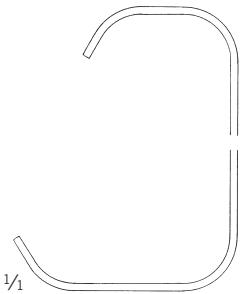
20 x 13 / 30 x 15 mm



48-331-03

15,5 cm / 6 1/8"

28 x 13 / 36 x 15 mm



1/1

19 x 7 / 29 x 10 mm

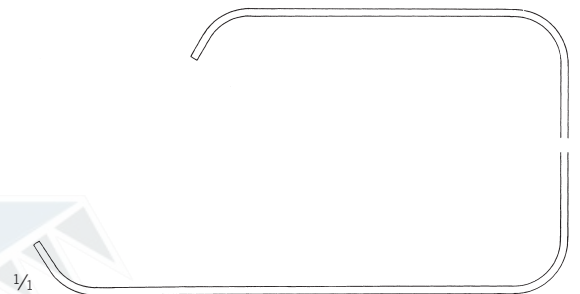


1/1

48-331-04

15,5 cm / 6 1/8"

33 x 12 / 43 x 15 mm



1/1

50 x 12 / 68 x 16 mm



1/2

Tessier  
48-331-01  
15 cm / 5 7/8"



1/2

Tessier  
48-331-02 -  
48-331-04



1/2

Tessier  
48-331-05  
16 cm / 6 2/8"



## Soft Tissue Retractors

Separadores para partes blandas

Ecarteurs pour parties molles

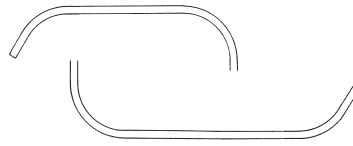
Divaricatori per tessuti molli

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial

Chirurgie buccale et maxillo-faciale

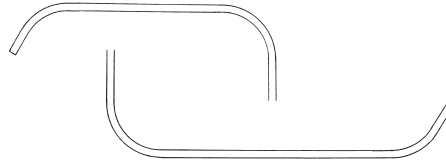
Chirurgia maxillo-facciale



48-333-03

15 cm / 5 <sup>7</sup>/<sub>8</sub>"

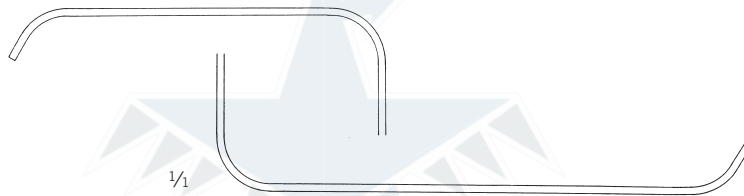
30 x 12 / 38 x 16 mm



48-333-04

15 cm / 5 <sup>7</sup>/<sub>8</sub>"

35 x 12 / 45 x 16 mm



48-333-05

16 cm / 6 <sup>2</sup>/<sub>8</sub>"

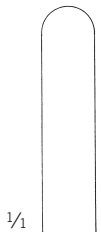
50 x 12 / 70 x 16 mm



1/2

Tessier  
48-333-03 -  
48-333-05

SB



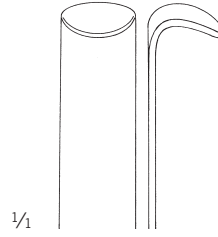
**Fig. 1**  
 48-335-01  
 8 mm



**Fig. 2**  
 48-335-02  
 10 mm



**Fig. 3**  
 48-335-03  
 7 mm



**Fig. 4**  
 48-335-04  
 10 mm



**Fig. 5**  
 48-335-05  
 8 mm



**Fig. 6**  
 48-335-06  
 12 mm



Tessier  
 48-335-01 -  
 48-335-03  
 12,5 cm / 4 7/8"



Tessier  
 48-335-04 -  
 48-335-06  
 12,5 cm / 4 7/8"





## Osteotomes

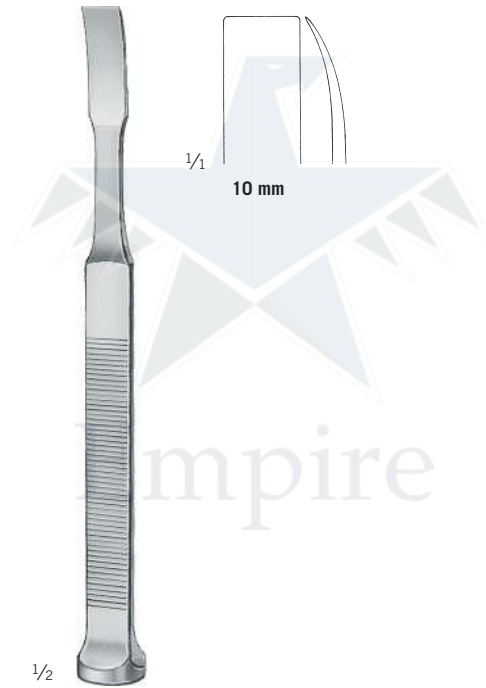
Osteótomos  
Ostéotomes  
Osteotomo

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Tessier  
48-340-18  
19 cm / 7 4/8"



Tessier  
48-341-18  
18 cm / 7 1/8"



48-350-24  
22 cm / 8 5/8"

## Dissecting Scissors, Wire Cutting Scissors

Tijeras para preparaciones, Tijeras para alambre  
 Ciseaux à dissection, Ciseaux à couper le fil  
 Forbici per dissezione, Tronchesino

TC GOLD

TC GOLD



Tessier  
48-351-13

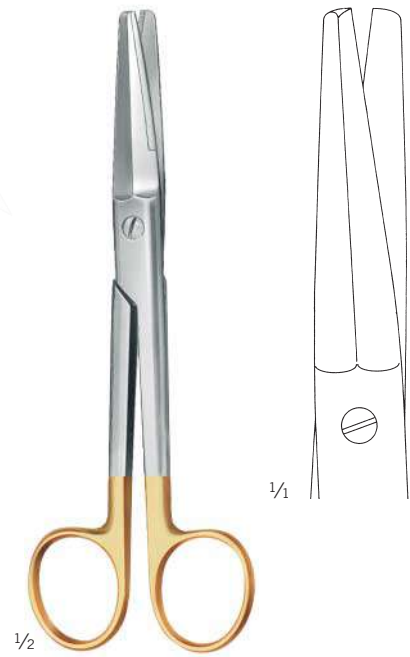
13 cm / 5 1/8"

Undermining Scissors  
 Tijera para minar  
 Ciseaux à tunéliser  
 Forbici per tunnelare



Tessier  
48-352-14

15 cm / 5 7/8"



Tessier  
48-354-16

16,5 cm / 6 4/8"

## Disimpaction Forceps

Pinzas de reposición  
Pince à repositionner  
Pinze per riduzione

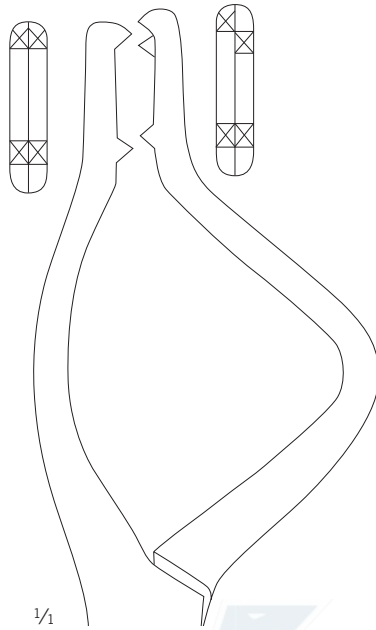
## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/2

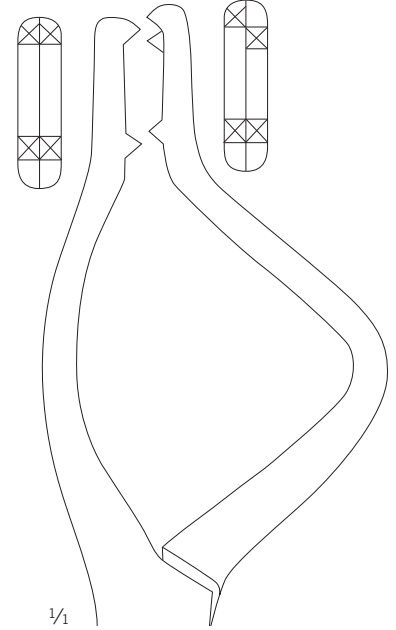
Tessier  
48-360-01 -  
48-362-02  
23 cm / 9"



1/1

48-360-01

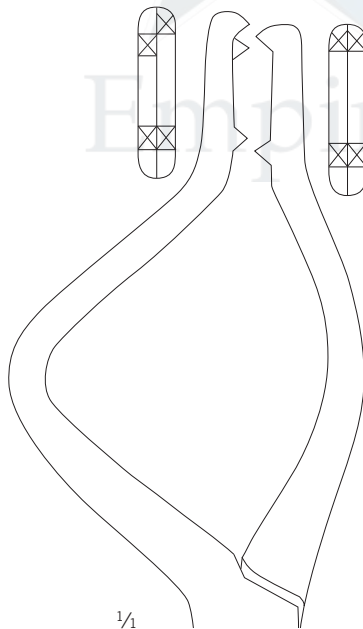
left, for children  
izquierda, para niños  
gauche, pour enfants  
sinistra, per bambini



1/1

48-360-02

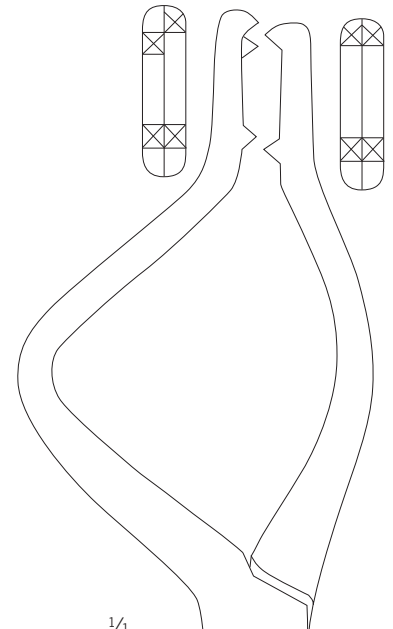
left, for adults  
izquierda, para adultos  
gauche, pour adultes  
sinistra, per adulti



1/1

48-362-01

right, for children  
derecha, para niños  
droite, pour enfants  
destraper bambini



1/1

48-362-02

right, for adults  
derecha, para adultos  
droite, pour adultes  
destra, per adulti

### Caliper, Bone Hook

Calibre, Gancho para huesos

Calibre, Crochet pour os

Calibro, Gancio per ossa



1/2

Tessier  
48-370-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

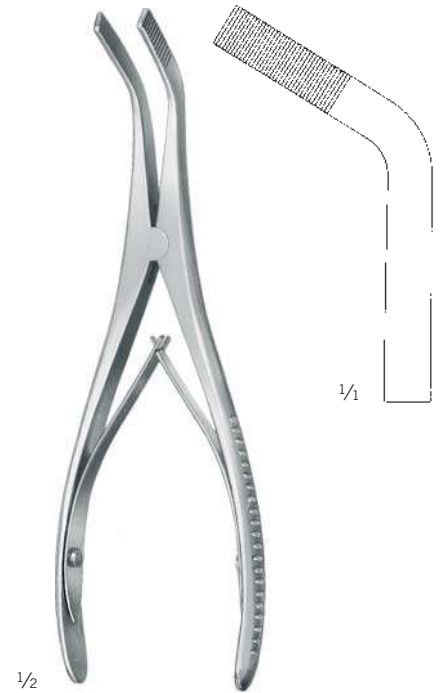
effective range  
alcance eficaz  
série effectif  
rango effective  
**200 mm**



1/2

Tessier  
48-371-18  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"

black chromium-plated  
cromado en negro  
chromé noir  
cromato nero



1/2

Tessier  
48-376-18  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"

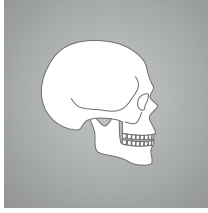
Spreading Forceps  
Pinza de expansión  
Pince à écarter  
Pinze per allargare

**Periosteal Elevators**

Periostótomos  
Rugines-raspatoires  
Periostotomi

**Oral Maxillo-facial Surgery**

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



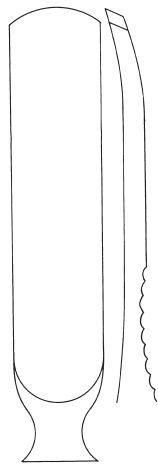
1/2

Marchac  
48-400-07 -  
48-400-12  
16 cm / 6 2/8"



1/1

48-400-07  
7,5 mm



48-400-12  
12 mm



1/2

Marchac  
48-402-02 -  
48-402-05  
17 cm / 6 6/8"



1/1

48-402-02  
2 mm



48-402-03  
3,5 mm



48-402-05  
5 mm



1/1



1/2

Obwegeser  
37-573-18  
18 cm / 7"



1/1



1/2

Obwegeser  
37-574-14  
14 cm / 5 1/2"



1/1



1/2

Obwegeser  
37-575-23  
23 cm / 8"



1/2

Marchac  
48-405-00

Frontal Templates  
 Plantillas frontales  
 Gabarit frontal  
 Sagome frontali

for infants  
 para bebés  
 pour bébés  
 per neonati



Marchac  
48-405-01

Frontal Templates  
 Plantillas frontales  
 Gabarit frontal  
 Sagome frontali

for children and adults  
 para niños y adultos  
 pour enfants et adultes  
 per bambini ed adulti



1/2

Marchac  
48-420-00

effective range  
 alcance eficaz  
 série effectif  
 rango effective

**80 mm**

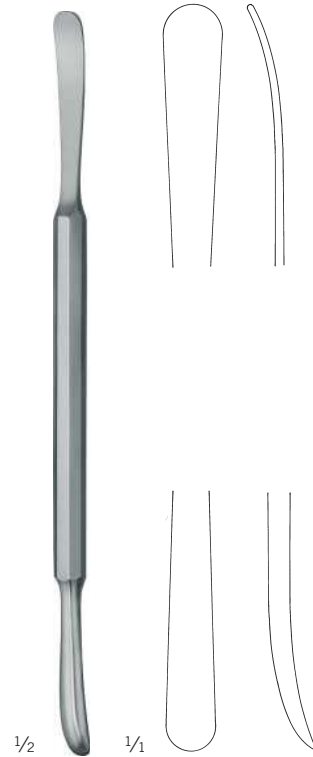


1/2

1/1

Steinberg  
48-500-18

18 cm / 7 1/8"



1/2

1/1

Steinberg  
48-506-20

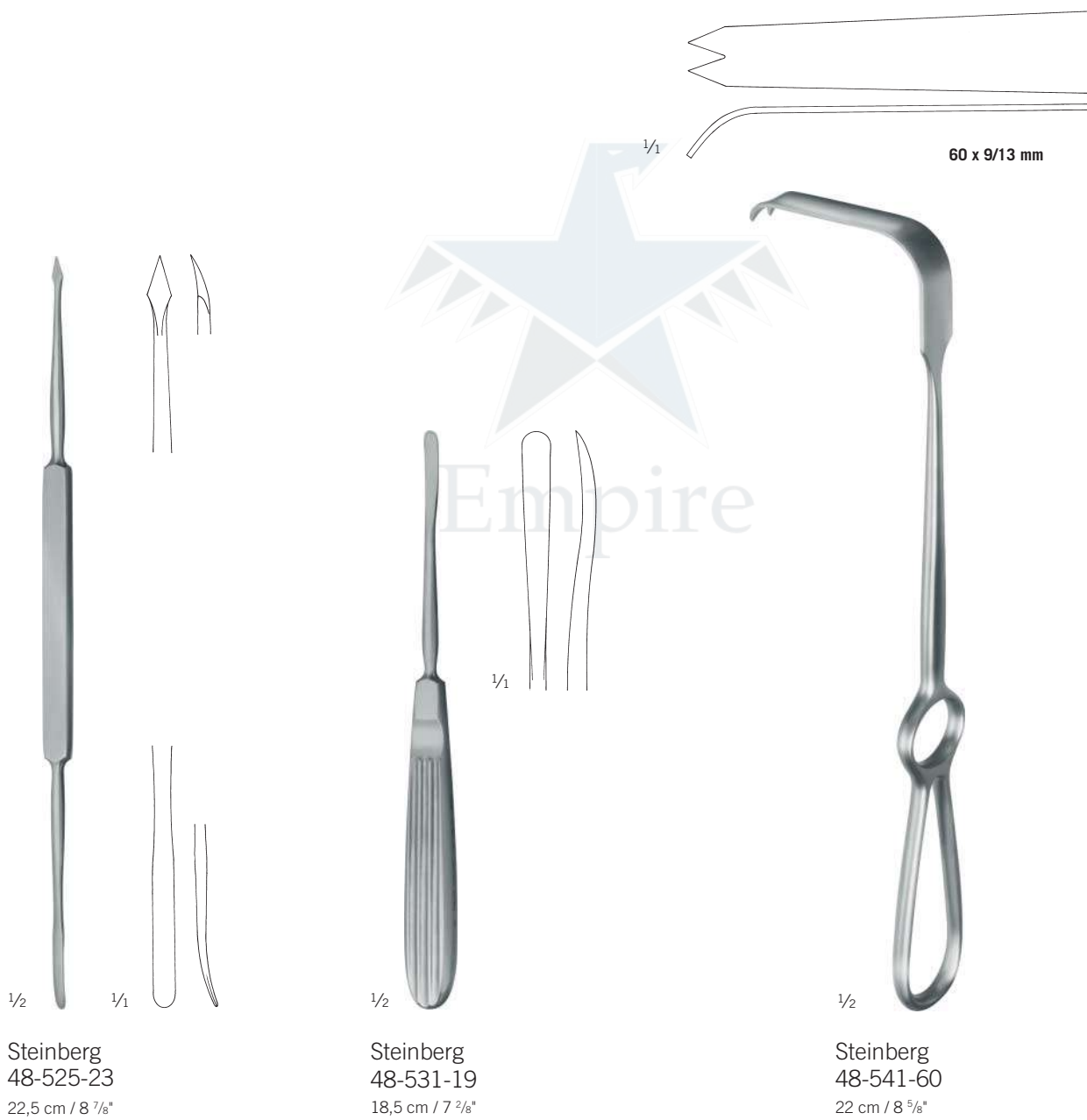
19,5 cm / 7 5/8"

## Elevators

Elevadores  
Elévateurs  
Elevatori

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale

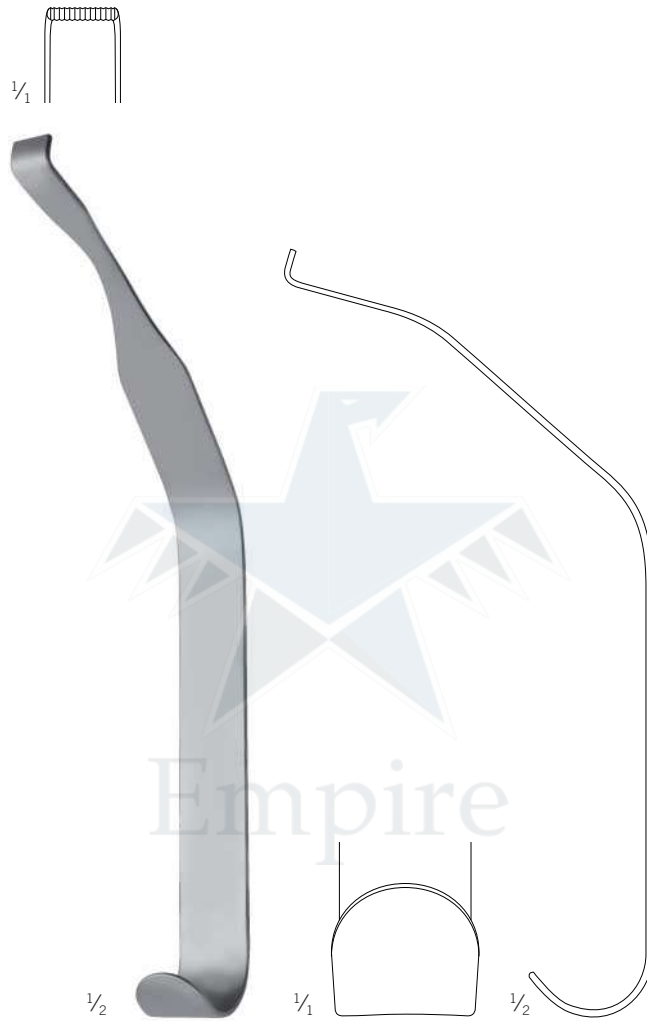




**Arnett**  
48-703-19

19 cm / 7 4/8"

Curette  
Cucharillas  
Curette  
Curette



**Arnett**  
48-704-22

20 cm / 7 7/8"

BSSO Lingual retractor  
Retractor lingual OSB  
Rétracteur lingual BSSO  
Separatore linguale BSSO



## Instrumentation Arnett FAB Orthognathic System

Instrumental sistema ortognático FAB Arnett  
Instruments Arnett pour système d'orthognathie FAB  
Strumenti per sistema di ortognazia Arnett FAB

## Oral Maxillo-facial Surgery

Cirurgía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Arnett  
48-705-14

20 cm / 7 7/8"

BSSO Condylar seating instrument  
Posicionador ATM OSB  
Instrument de positionnement ATM BSSO  
Posizionatore per TMJ BSSO



Arnett  
48-706-18

17 cm / 6 5/8"

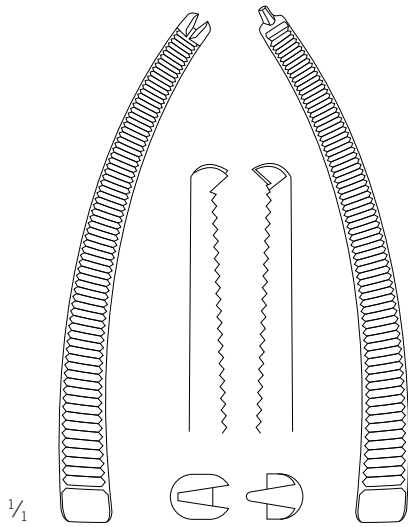
Mandibular body retractor  
Retractor mandibular  
Rétracteur pour mandibule  
Separatore mandibolare



Arnett  
48-707-14

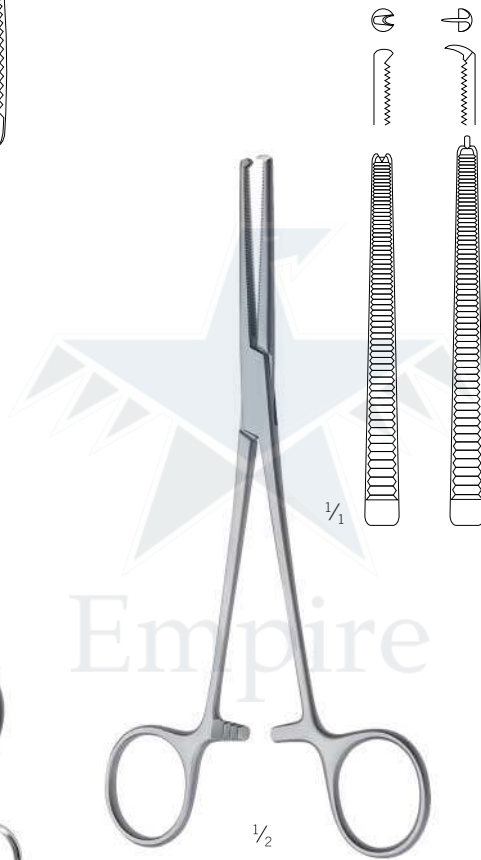
16,5 cm / 6 4/8"

Maxillary sinus curette  
Cureta para seno maxilar  
Curette pour sinus maxillaire  
Curetta per seno mascellare



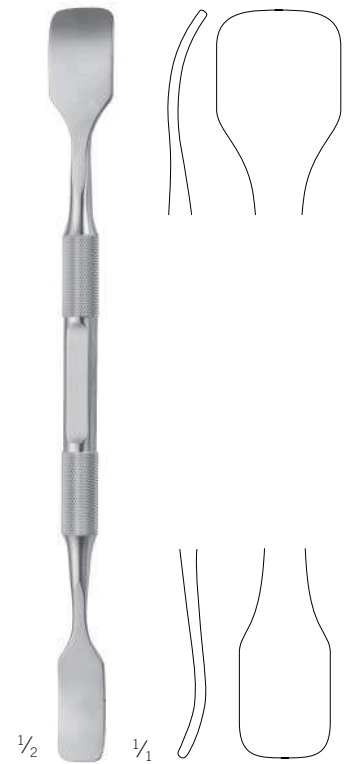
**Arnett**  
48-708-01

Coronoid retractor  
Retractor de coronoides  
Rétracteur coronoïde  
Separatore per coronoide



**Arnett**  
48-708-14

18,5 cm / 7 2/8"  
Bone Forceps  
Pinza para huesos  
Pince pour os  
Pinza per ossa



**Arnett**  
48-709-18

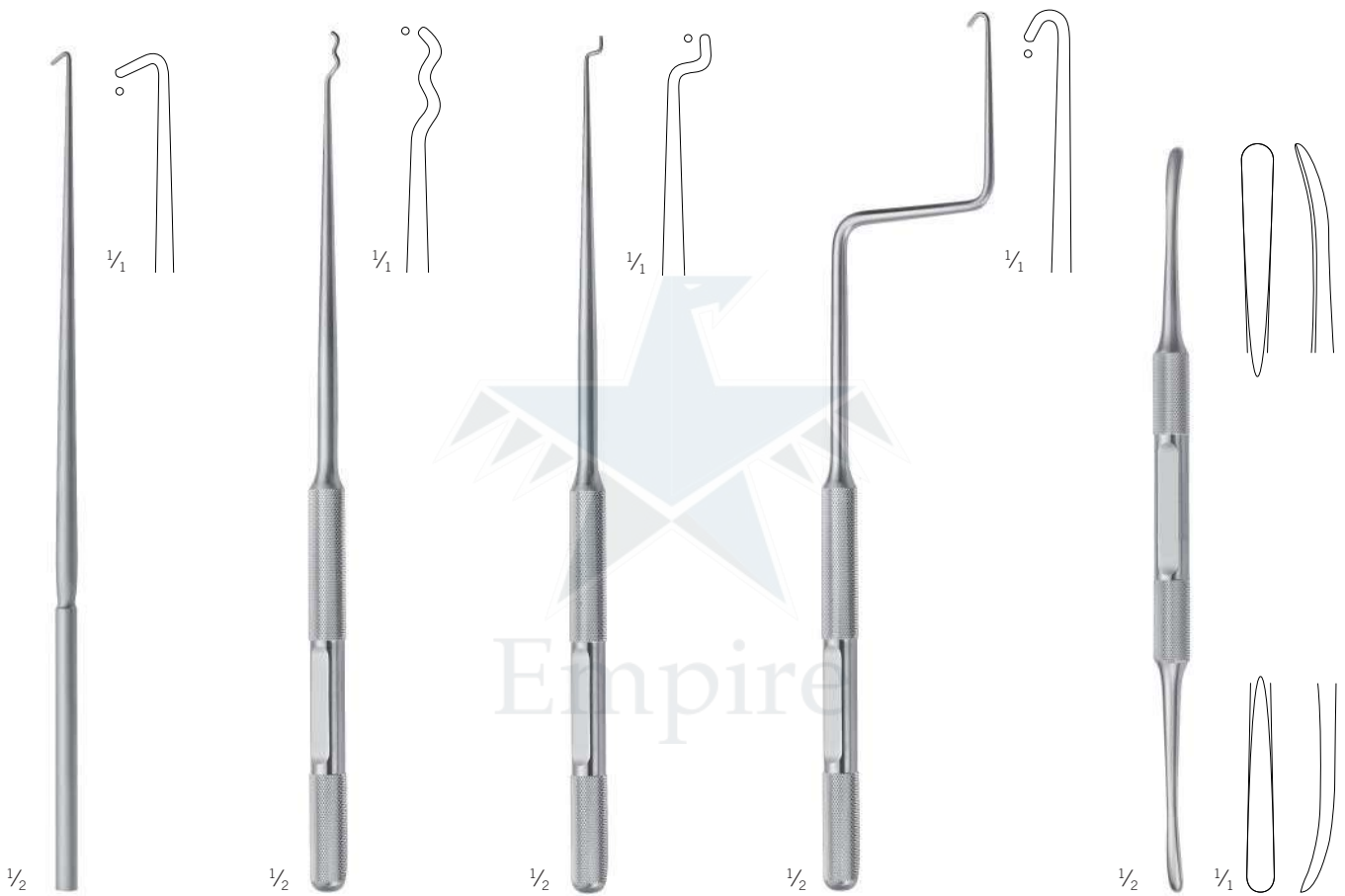
20 cm / 7 7/8"  
Le Fort I posterior retractor  
Retractor posterior Le Fort I  
Le Fort I Rétracteur postérieur  
Separatore posteriore Le Fort I

## Instrumentation Arnett FAB Orthognathic System

Instrumental sistema ortognático FAB Arnett  
Instruments Arnett pour système d'orthognathie FAB  
Strumenti per sistema di ortognazia Arnett FAB

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Arnett  
48-711-22

22,5 cm / 8 7/8"

BSSO / Le Fort I  
Nerve dissector  
Disecador para  
nervios OSB / Le Fort I  
DBSSO / Le Fort I  
Dissecteur de nerf  
Dissettore per nervi  
BSSO / Le Fort I

Arnett  
48-711-23

23 cm / 9"

BSSO Alveolar  
nerve dissector  
Disecador para  
nervio alveolar OSB  
Dissecteur de nerf  
alvéolaire BSSO  
Dissettore per nervo  
alveolare BSSO

Arnett  
48-711-24

23 cm / 9"

BSSO Alveolar  
nerve dissector  
Disecador para  
nervio alveolar OSB  
Dissecteur de nerf  
alvéolaire BSSO  
Dissettore per nervo  
alveolare BSSO

Arnett  
48-711-25

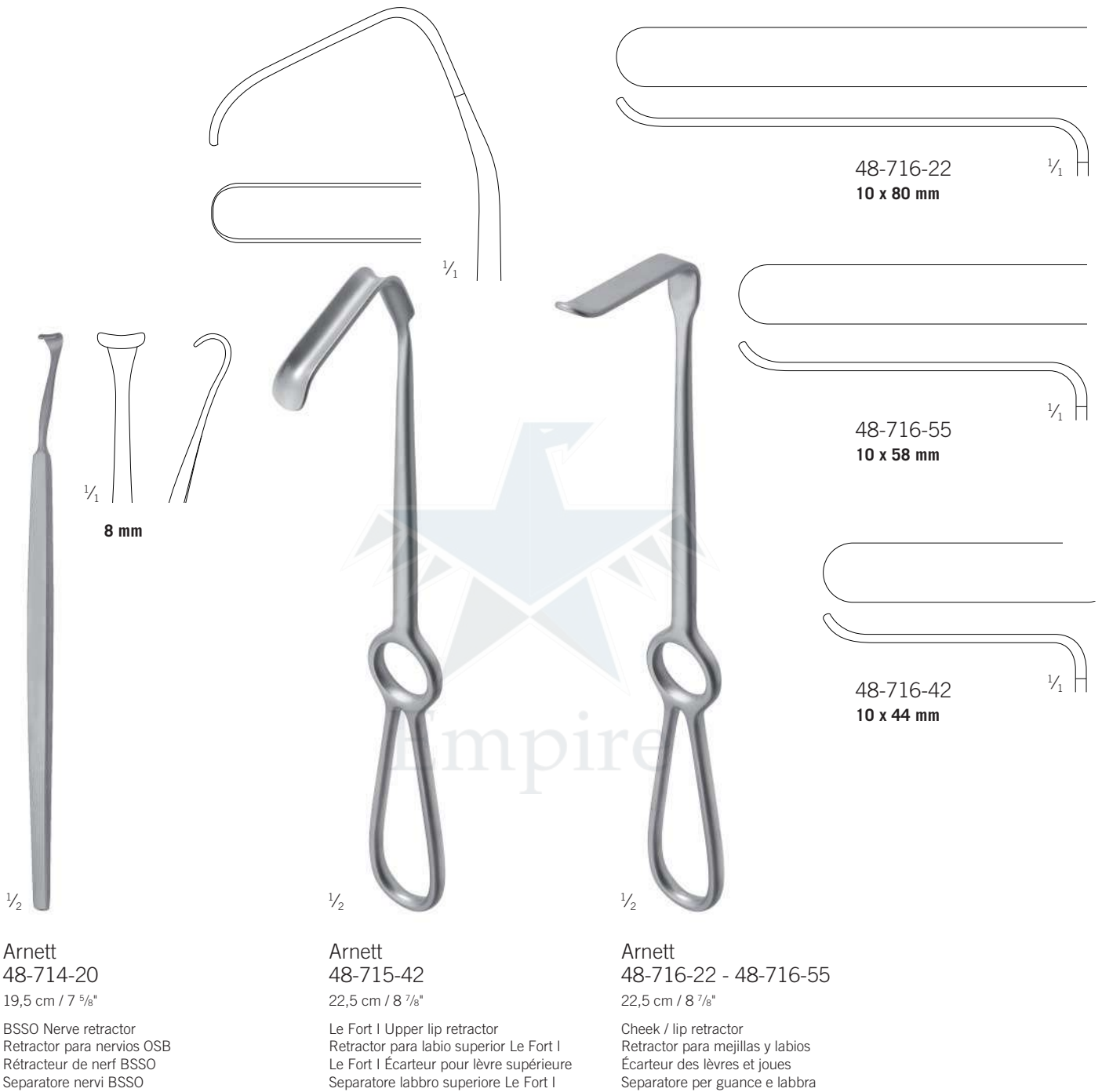
23 cm / 9"

Le Fort I / BSSO Retractor  
for incision closure  
Retractor Le Fort I /  
OSB para cierre de incisiones  
Le Fort I / Rétracteur BSSO  
pour fermeture d'incision  
Separatore Le Fort I /  
BSSO per chiusura incisione

Arnett  
48-712-12

20 cm / 7 7/8"

Le Fort I Septum  
elevator  
Elevador para  
septo Le Fort I  
Le Fort I Élévateur  
pour septum  
Elevatore setto  
Le Fort I



**Arnett**  
**48-714-20**  
 19,5 cm / 7 5/8"  
 BSSO Nerve retractor  
 Retractor para nervios OSB  
 Rétracteur de nerf BSSO  
 Separatore nervi BSSO

**Arnett**  
**48-715-42**  
 22,5 cm / 8 7/8"  
 Le Fort I Upper lip retractor  
 Retractor para labio superior Le Fort I  
 Le Fort I Écarteur pour lèvre supérieure  
 Separatore labbro superiore Le Fort I

**Arnett**  
**48-716-22 - 48-716-55**  
 22,5 cm / 8 7/8"  
 Cheek / lip retractor  
 Retractor para mejillas y labios  
 Écarteur des lèvres et joues  
 Separatore per guance e labbra

## Instrumentation Arnett FAB Orthognathic System

Instrumental sistema ortognático FAB Arnett  
Instruments Arnett pour système d'orthognathie FAB  
Strumenti per sistema di ortognazia Arnett FAB

## Oral Maxillo-facial Surgery

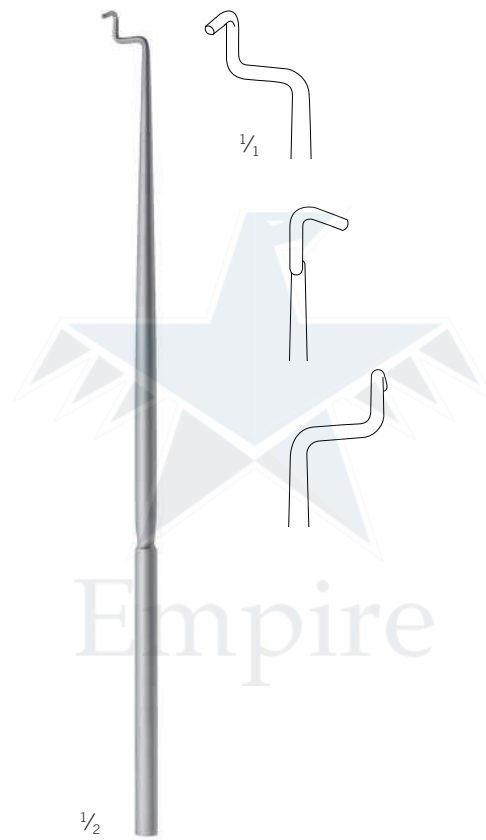
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Arnett  
48-717-42

22 cm / 8 5/8"

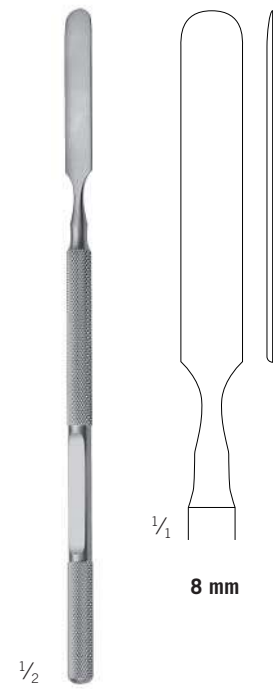
Chin osteotomy retractor  
Retractor para osteotomía mentoniana  
Rétracteur pour génioplastie  
Separatore per osteotomia del mento



Arnett  
48-723-22

22 cm / 8 5/8"

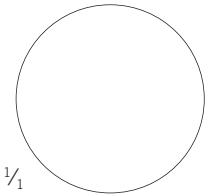
Le Fort I Interdental retractor  
Retractor interdental Le Fort I  
Le Fort I Rétracteur interdenteaire  
Separatore interdenteaire Le Fort I



Arnett  
48-725-18

18 cm / 7 1/8"

Interdental osteotome  
Osteótomo interdenteaire  
Ostéotome interdenteaire  
Osteotomo interdenteaire



$\frac{1}{1}$

$\varnothing = 25 \text{ mm}$

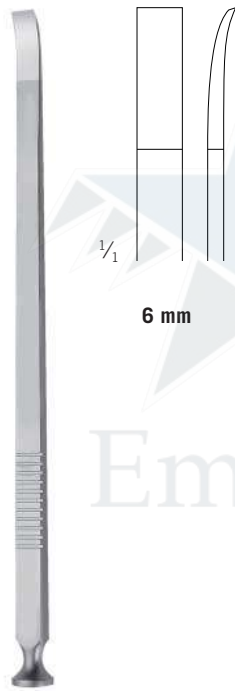


$\frac{1}{2}$

**Arnett**  
**48-727-20**

20 cm / 7  $\frac{7}{8}$ "

Mallet  
Martillo  
Maillets  
Martello



$\frac{1}{1}$

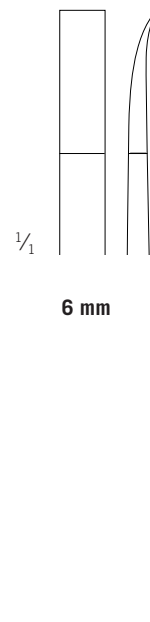
6 mm

$\frac{1}{2}$

**Arnett**  
**48-728-18**

18 cm / 7  $\frac{1}{8}$ "

Pterygoid osteotome  
Osteótomo pterigoideo  
Ostéotome ptérygoïde  
Osteotomo per pterigoïdo



$\frac{1}{1}$

6 mm

$\frac{1}{2}$

**Arnett**  
**48-728-19**

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

BSSO Splitting osteotome  
Osteótomo Split OSB  
Ostéotome de dédoublement BSSO  
Osteotomo BSSO

## Instrumentation Arnett FAB Orthognathic System

Instrumental sistema ortognático FAB Arnett

Instruments Arnett pour système d'orthognathie FAB

Strumenti per sistema di ortognazia Arnett FAB

## Oral Maxillo-facial Surgery

Cirurgía oral y maxilofacial

Chirurgie buccale et maxillo-faciale

Chirurgia maxillo-facciale



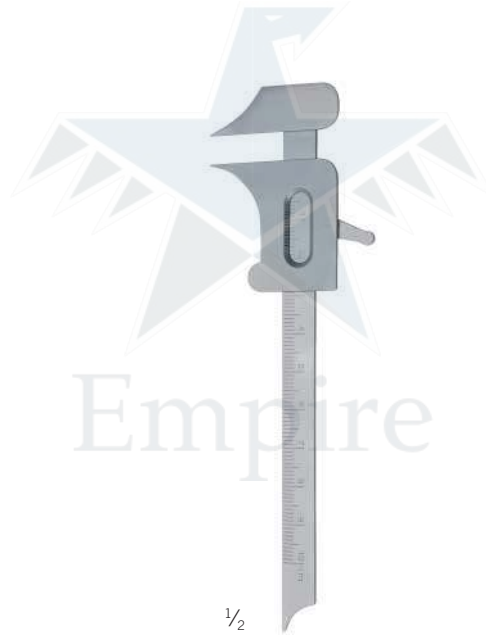
7 x 35 mm



Arnett  
48-729-55

22 cm / 8 5/8"

BSSO Transoral retractor  
Retractor transoral OSB  
Rétracteur transoral BSSO  
Separatore transorale BSSO



Arnett  
48-731-14

14,5 cm / 5 6/8"

Caliper  
Calibre  
Calibre  
Calibro a corsoio



**Arnett**  
48-731-22

21 cm / 8 2/8"

Periosteal elevator  
Elevador perióstico  
Élévateur à périoste  
Elevatore per periosteo

**Arnett**  
48-731-25

24 cm / 9 4/8"

Periosteal elevator  
Elevador perióstico  
Élévateur à périoste  
Elevatore per periosteo

**Arnett**  
48-735-19

19 cm / 7 4/8"

Midline flap retractor  
Retractor para osteotomía mentoniana  
Rétracteur pour génioplastie  
Separatore per osteotomia del mento

**Arnett**  
48-738-12

12,5 cm / 4 7/8"

Plate bending forceps  
Alicate para doblar placas  
Pince de pliage  
Pinza per piegare placche

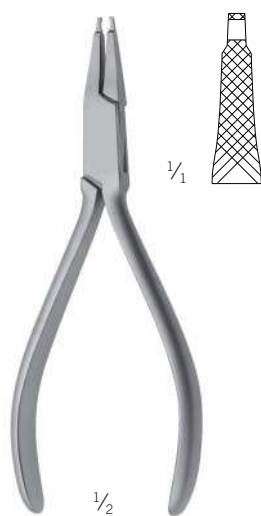


## Instrumentation Arnett FAB Orthognathic System

Instrumental sistema ortognático FAB Arnett  
Instruments Arnett pour système d'orthognathie FAB  
Strumenti per sistema di ortognazia Arnett FAB

## Oral Maxillo-facial Surgery

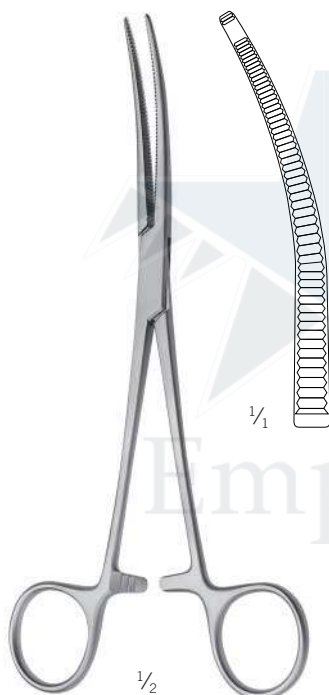
Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



Arnett  
48-738-13

13 cm / 5 1/8"

Le Fort I Plate bending forceps  
Alicate para doblar placas Le Fort I  
Le Fort I Pince de pliage  
Pinza per piegare placche Le Fort I



Arnett  
48-739-18

18,5 cm / 7 2/8"

Plate carrier  
Pinza para sujetar placas  
Pince de maintien  
Pinza ferma-placche



Arnett  
48-740-20

18,5 cm / 7 2/8"

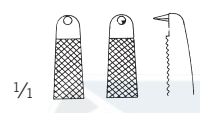
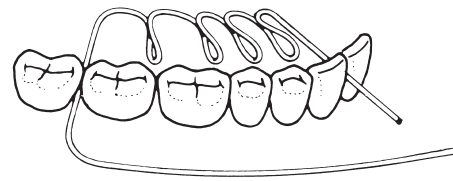
Le Fort I Nasal mucosa retractor  
Retractor Le Fort I para mucosa nasal  
Le Fort I Rétracteur pour muqueuse nasale  
Separatore Le Fort I per mucosa nasale

**Eyelet forceps**

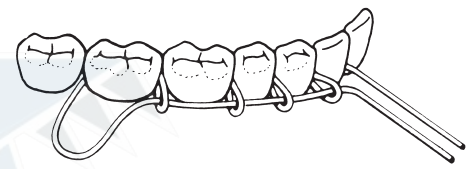
Alicate de orificios

Pince de trous

Pinza di fori

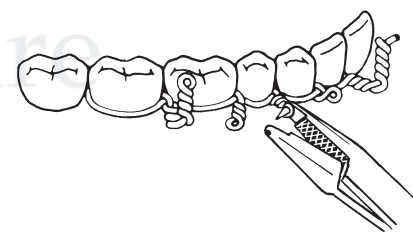


1/4



1/2

Obwegeser  
48-756-15  
15 cm / 5 7/8"

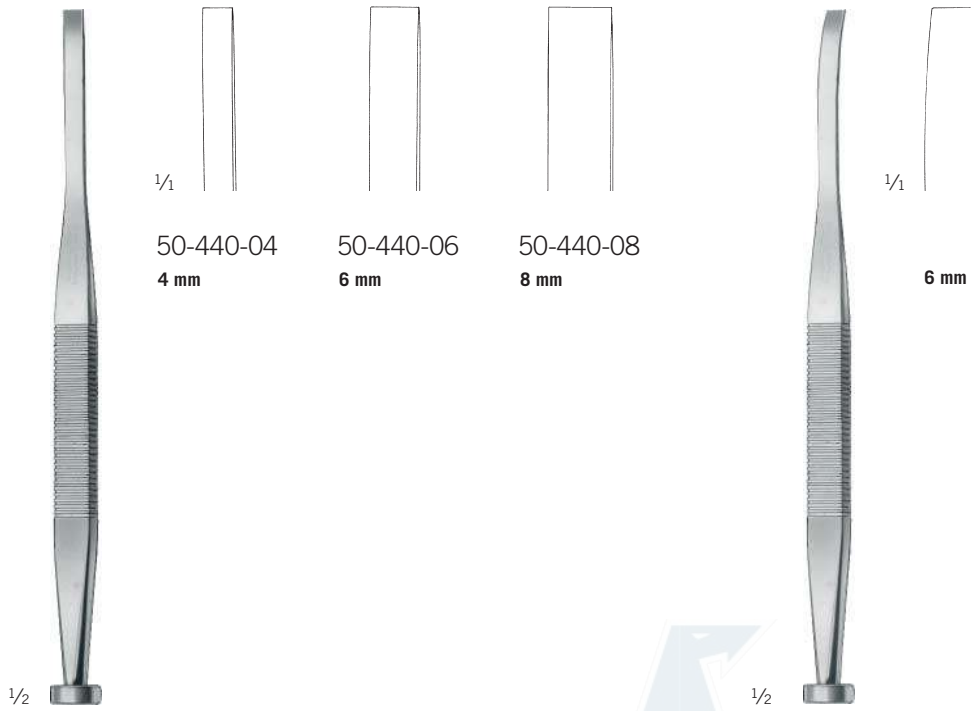


## Suction Dissector, Osteotomes

Disecador de aspiración, Osteótomos  
Dissecteur à aspiration, Osteotomes  
Dissettore a aspirazione, Osteotomi

## Oral Maxillo-facial Surgery

Cirugía oral y maxilofacial  
Chirurgie buccale et maxillo-faciale  
Chirurgia maxillo-facciale



1/4

50-440-04  
4 mm

50-440-06  
6 mm

50-440-08  
8 mm

1/4

6 mm

1/2

1/2

Marchac  
50-440-04 -  
50-440-08  
18,5 cm / 7 2/8"

Marchac  
50-441-06  
18,5 cm / 7 2/8"



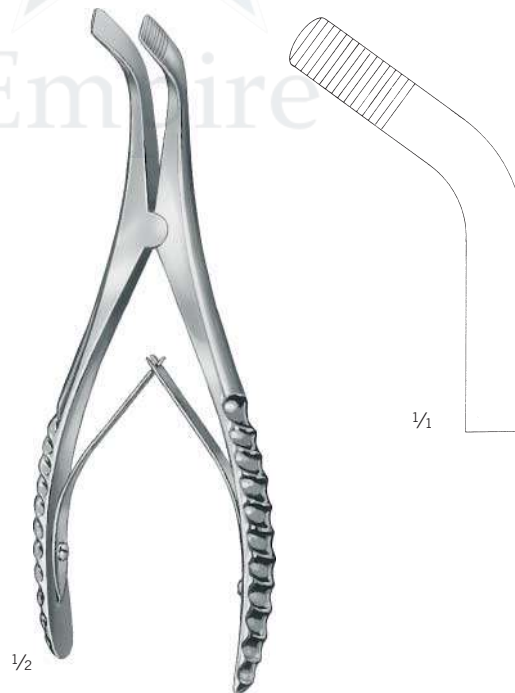
1/4

1/2

Marchac  
50-446-19  
20 cm / 7 7/8"



Empire



1/2

1/4

Marchac  
50-450-17  
17,5 cm / 6 7/8"

Bone Expander  
Pinza para separar huesos  
Pince pour séparer os  
Pinza per separare ossa

