

01

Univer®



انواع چاقو و دسته بیستوری

Messer, Skalpelle

Knives, Scalpels

Cuchillos, bisturies

Couteaux, bistouris

01

Univer®



دسته بیستوری

Skalpelli-griffe

Scalpel Handles

Mangos de bisturíes

Manches pour bistouris

مناسب برای تیغ‌های ۱۰-۱۱-۱۵

passend für die Klingen

for blades

para las hojas

pour lames

10-11-15

 $\frac{1}{1}$ No. 3L
01-0100-13 $\frac{1}{1}$ No. 3
01-0103-03 $\frac{1}{1}$ No. 3
01-0113-03 $\frac{1}{1}$ No. 3
01-0100-03 $\frac{1}{1}$ No. 7
01-0100-17 $\frac{1}{1}$ No. 7K
01-0100-07

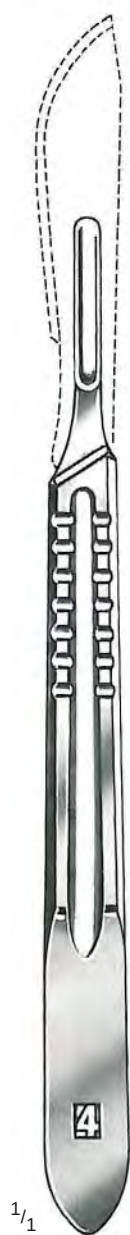
دسته بیستوری
Skalpellgriffe
Scalpel Handles
Mangos de bisturíes
Manches pour bistouris

جداکننده تیغ بیستوری
Skalpellklingen-Abnehmer
Scalpel-blade removers
Quita hojas
Enlève-lames



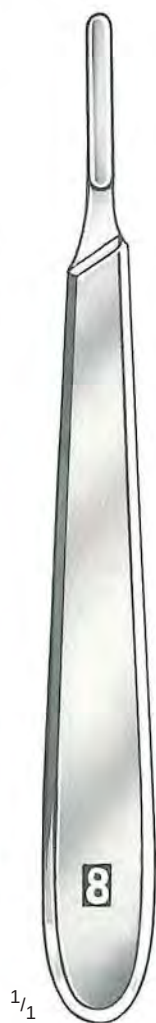
01

مناسب برای تیغ‌های ۲۰-۲۱-۲۲-۲۳-۲۴
 Passend für die Klingen
 for blades
 para las hojas
 Pour lames
 20-21-22-23-24



1/1

No. 4
 01-0102-04



1/1

No. 8H
 01-0102-08



1/1

No. 4L
 01-0102-14



1/1

No. 4
 01-0103-04



1/1

No. 4
 01-0113-04



Kling-Ex
 01-0108-05



1/1

Dutch Pattern
 14 cm, 5 1/2"
 01-0108-14

01

Univer®



چاقوی چشمی

Augenmesser

Eye Knives

Bisturíes para ojos

Bistouris pour les yeux

Fig. 1
01-1100-01Fig. 2
01-1100-02Fig. 3
01-1100-03Fig. 4
01-1100-04Fig. 5
01-1100-05Fig. 6
01-1100-06Fig. 7
01-1100-07Fig. 8
01-1100-08Fig. 9
01-1100-09Fig. 10
01-1100-10Fig. 11
01-1100-11Fig. 12
01-1100-12

Starmesser
Cataract Knives
Cuchillos para catarata
Couteaux à cataracte

Fig. 0
01-1120-00Fig. 1
01-1120-01Fig. 2
01-1120-02Fig. 3
01-1120-03Fig. 4
01-1120-04Fig. 5
01-1120-05

Graefe

1/1

چاقوی چشمی

Augenmesser

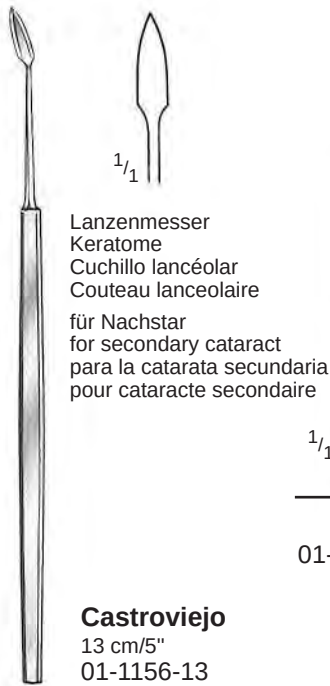
Eye Knives

Bisturías para ojos

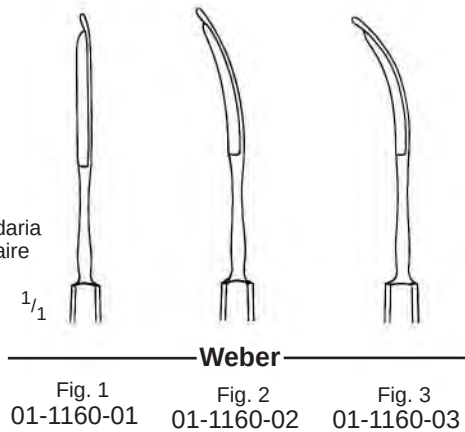
Bistouris pour les yeux



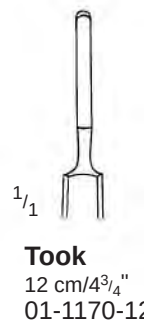
01



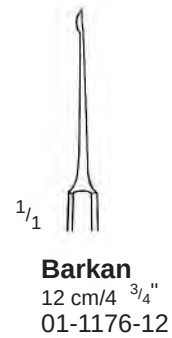
Tränenfistelmesser
Canaliculus Knives
Cuchillos para canal lacrimal
Couteaux pour la voie lacrymale



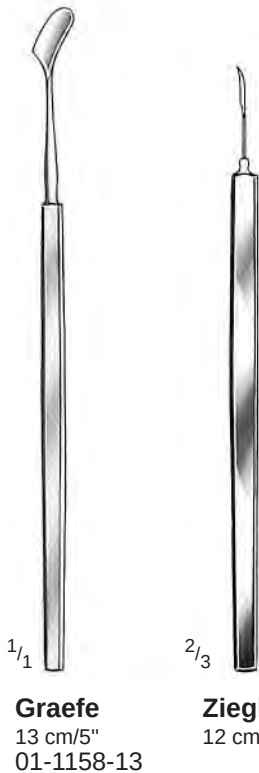
Hornhautmesser
Corneal Knife
Cuchillo para la córnea
Couteau cornéal



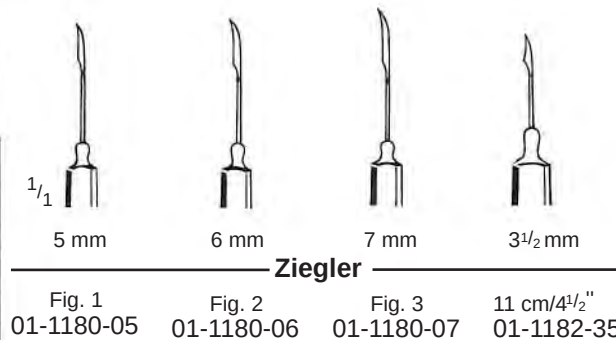
Goniotomiemesser
Goniotomy Knife
Cuchillo para goniotomía
Couteau à goniotomie



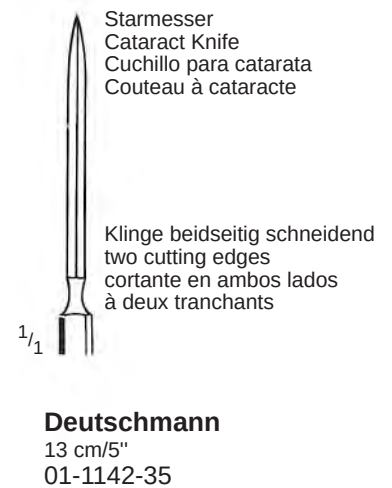
Skarifikateur
Scarifier
Escarificador
Scarificateur



Irismesser
Iris Knives
Cuchillos para iris
Couteaux pour l'iris



Starmesser
Cataract Knife
Cuchillo para catarata
Couteau à cataracte



چاقوی گوش
Ohrmesser
Ear Knives
Cuchillos auriculares
Couteaux auriculaires

Periostmesser
 Periosteal Knife
 Cuchillo para el periostio
 Couteau pour le périoste



1/2

Muck
 13.5 cm/5 1/2"
 01-2010-13

Mastoidmesser
 Mastoid Knife
 Cuchillo para mastoides
 Couteau pour l'apophyse mastoïde



1/2

Politzer
 13.5 cm/5 1/2"
 01-2012-13



1/2

Brühl
 15 cm/6"
 01-2020-15



1/2

Brühl
 15 cm/6"
 01-2021-15

Furunkelmesser
 Furuncle Knife
 Cuchillo para furúnculos
 Furunculotome



1/2

Politzer
 16 cm/6 1/4"
 01-2028-16

Trommelfellmesser, Tympanum Knives
 Cuchillos para tímpano, Couteaux pour le tympan



1/2

Jacobson
 15.5 cm/6 1/4"
 01-2030-15



1/2

Buck
 15 cm/6"
 01-2032-15



1/2



Fig. 1

Fig. 2

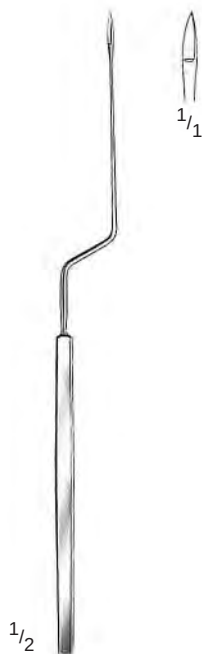


Fig. 1

Fig. 2

Sexton

gerade straight rectas droits	Fig.	gebogen curved curvas courbes
01-2040-01	1	01-2041-01
01-2040-02	2	01-2041-02



Gerzog-Sexton
17 cm/6 $\frac{3}{4}$ "
01-2056-17



16 cm/6 $\frac{1}{4}$ "



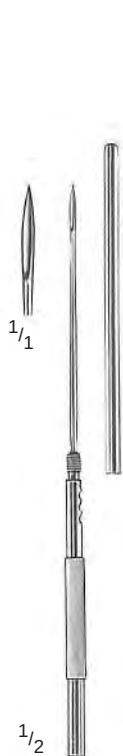
Politzer
01-2060-16



Gerzog
01-2062-16



Buck
01-2064-16



Friesner
16 cm/6 $\frac{1}{4}$ "
01-2070-16



Agnew
16 cm/6 $\frac{1}{4}$ "
01-2111-16



Politzer
16 cm/6 $\frac{1}{4}$ "
01-2115-16



Politzer
16 cm/6 $\frac{1}{4}$ "
01-2117-16

Nadel quergestellt
Needle horizontal
Aguja en posición horizontal
Aiguille en position horizontale



Lucae
18 cm/7 1/4"
01-2125-18

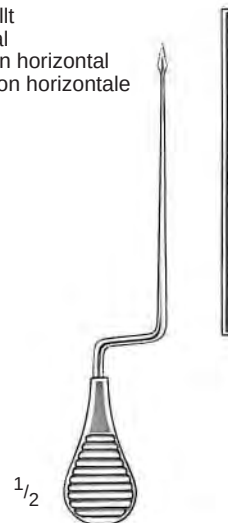


Lucae
16 cm/6 1/4"
01-2127-16



Lucae
18 cm/7 1/4"
01-2129-18

Nadel quergestellt
Needle horizontal
Aguja en posición horizontal
Aiguille en position horizontale



Bayer
10 cm/4"
01-2135-10

Nadel quergestellt
Needle horizontal
Aguja en posición horizontal
Aiguille en position horizontale



Bayer
10 cm/4"
01-2137-10



Royce
01-2151-01



Royce
01-2151-02



Sexton
01-2151-03

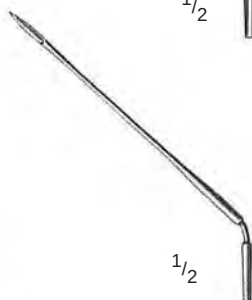


Politzer
01-2151-05

Griff allein
Handle only
Mango suelto
Manche seul



Royce
01-2150-00



Ansatz allein
Tip only
Punta suelta
Embout seul



Royce
01-2153-11



Royce
01-2153-12



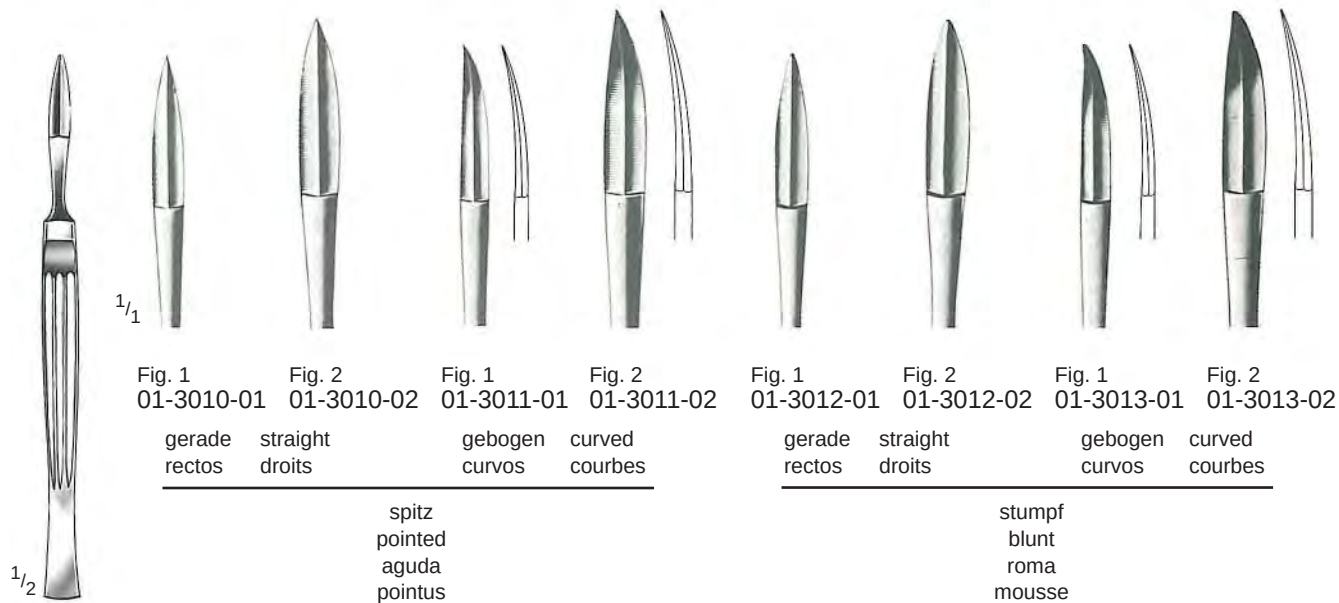
Sexton
01-2153-13



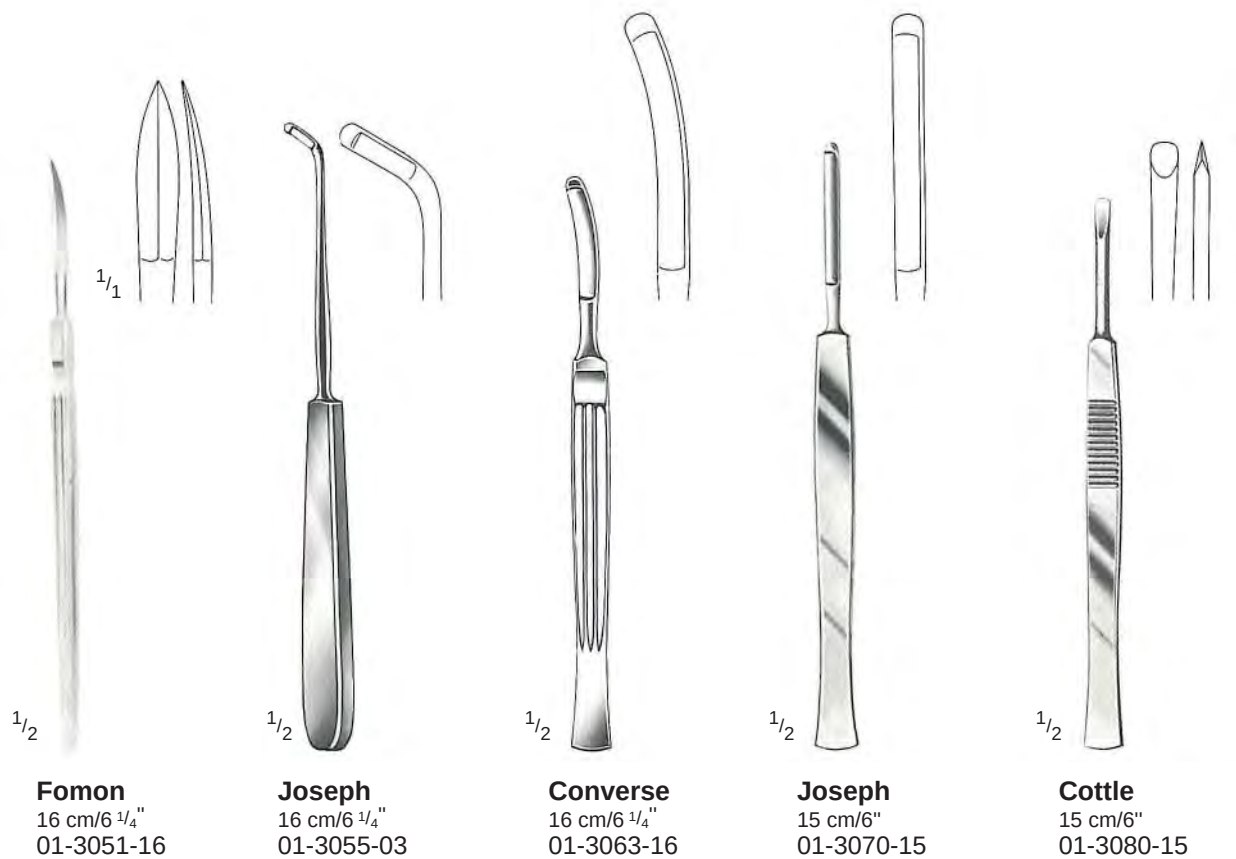
Politzer
01-2153-15



Nasenplastikmesser
Rhinoplastic Knives
Bisturíes para plástica de la nariz
Bistouris pour plastique du nez



Joseph





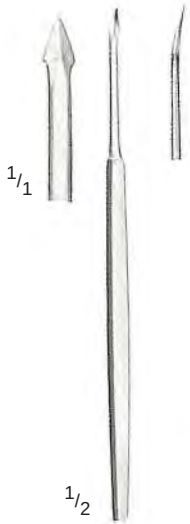
چاقوی رینوپلاستی

Nasenoperationsmesser

Rhinoplastic Knives

Cuchillos para rinoplastía

Couteaux pour rhinoplastie

**Masing**

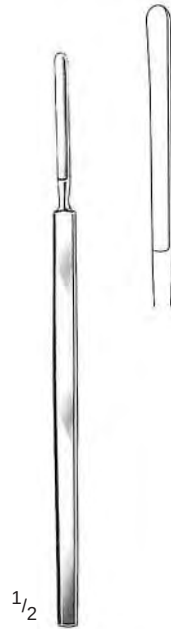
14 cm/5 1/2"

01-3101-14

**Masing**

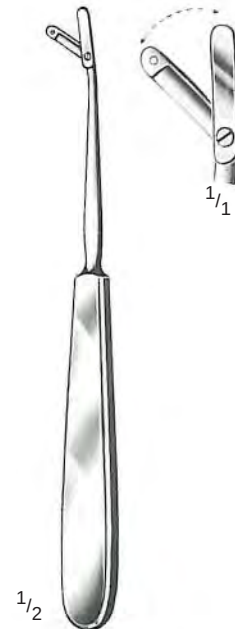
14 cm/5 1/2"

01-3103-14

**Cottle**

15 cm/6"

01-3110-15

**Maltz**

16 cm/6 1/4"

01-3115-16

Knorpelmesser
Cartilage Knife
Cuchillo para el cartilago
Bistouri pour le cartilage

Mukosamesser
Mucous Knives
Cuchillos para la mucosa
Bistouris pour la muqueuse

**Ballenger**

14 cm/5 1/2"

01-3120-14

**Freer**

15 cm/6"

01-3130-15

**Freer**

15 cm/6"

01-3132-15

**Freer**

15 cm/6"

01-3136-15



Sickle knife
pointed

19 cm/7 1/2"
01-3145-19

چاقوی سپتوم

Septummesser

Septum Knives

Bisturías para el tabique nasal

Bistouris pour la cloison nasale



01



Ersatzklinge
Spare blade
Hoja de repuesto
Lame de rechange
01-3200-90

1/2

Bruenings
16,5 cm/6 1/2"
01-3200-16



1/1

1/2

Freer
19 cm/7 1/2"
01-3210-01



1/2

Freer
19 cm/7 1/2"
01-3210-02



1/1

1/2

Freer
19 cm/7 1/2"
01-3212-19

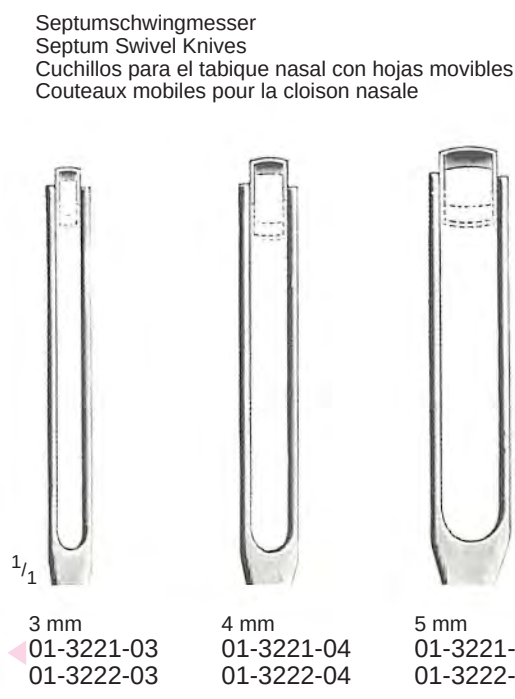


1/2

Freer
19 cm/7 1/2"
01-3213-19



Ballenger
21,5 cm/8 1/2"



1/1

3 mm
01-3221-03
01-3222-03

4 mm
01-3221-04
01-3222-04

5 mm
01-3221-05
01-3222-05



Ballenger
22 cm/8 3/4"



چاقوی لوزه

Tonsillenmesser

Tonsil Knives

Bisturías para amígdalas

Bistouris pour amygdales



1/1

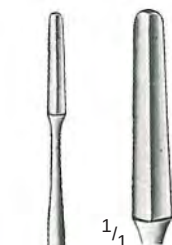


1/2

Canfield

21 cm/8 1/4"

01-4100-21



1/1



1/2

Dean

19 cm/7 1/2"

01-4130-19

gerade
straight
rectas
droits

1/1

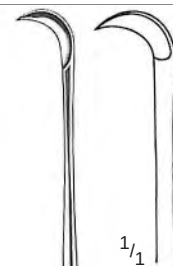


1/2

Dean

19 cm/7 1/2"

01-4131-19

abgewinkelt
angled
acodada
coudée

1/1



1/2

Bruenings

23 cm/9"

01-4150-23



1/1

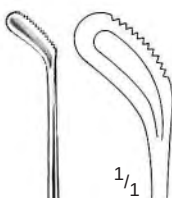


1/2

Abraham

21 cm/8 1/4"

01-4156-21



1/1



1/2

Fisher

22,5 cm/9"

01-4163-22

gezahnt
saw edge
dentadas
dentalés

1/1

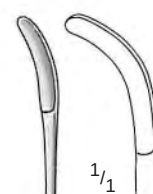


1/2

Tyding

21 cm/8 1/4"

01-4171-21



1/1



1/2

Day

21,5 cm/8 1/2"

01-4175-21

چاقوی عصب - دورا

Dura- und Trigemismusmesser

Dura- and Trigeminal Knives

Bisturías para dura-madre y nervio trigemino

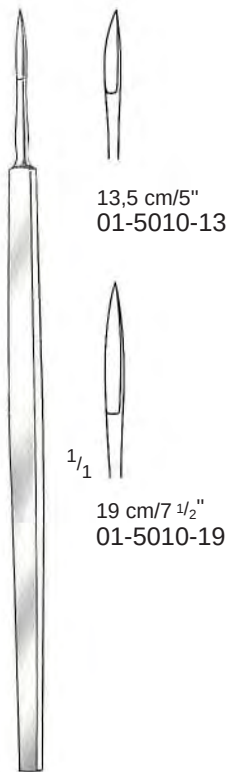
Bistouris à dure-mère et pour neurotomie rétro-gassérienne



01

Duramesser
Dura knives
Bisturías para dura-madre
Bistouris à dure-mère

Trigeminusmesser
Trigeminal knives
Bisturías para nervio trigémino
Bistouris pour neurotomie rétro-gassérienne



Tönnis



Halle
21 cm/8 1/4"
01-5020-21



Olivecrona
20 cm/8"
01-5031-20



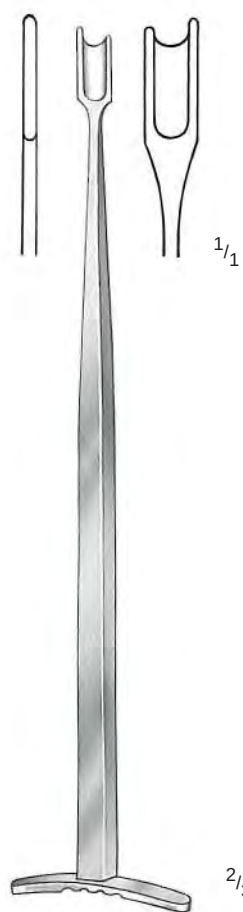
Olivecrona
23 cm/9"
01-5040-23

01

Univer[®]



چاقوی منیسک
Meniskusmesser
Meniscotomes
Meniscótomos
Méniscotomes



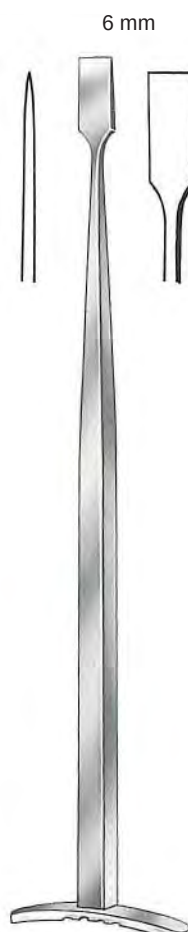
Smillie
17 cm/6 3/4"
01-6017-01



Smillie
17 cm/6 3/4"
01-6017-02



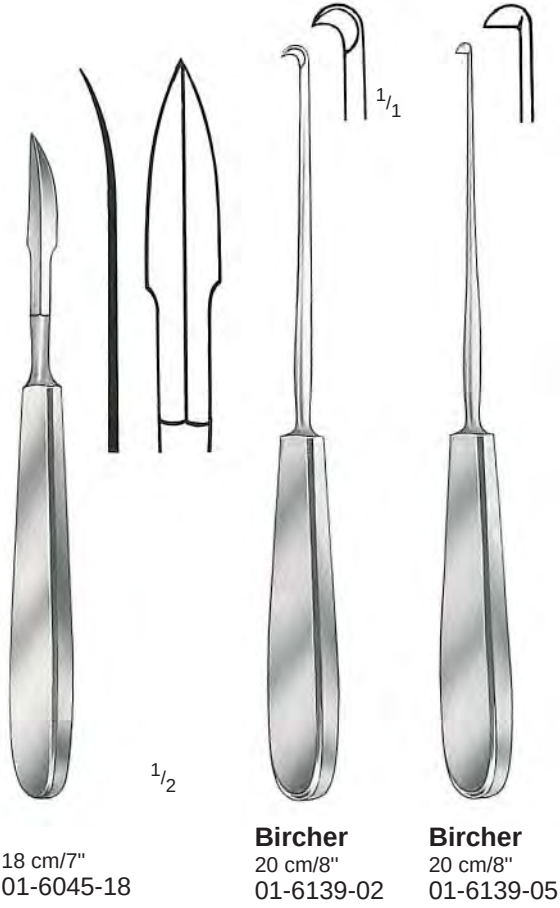
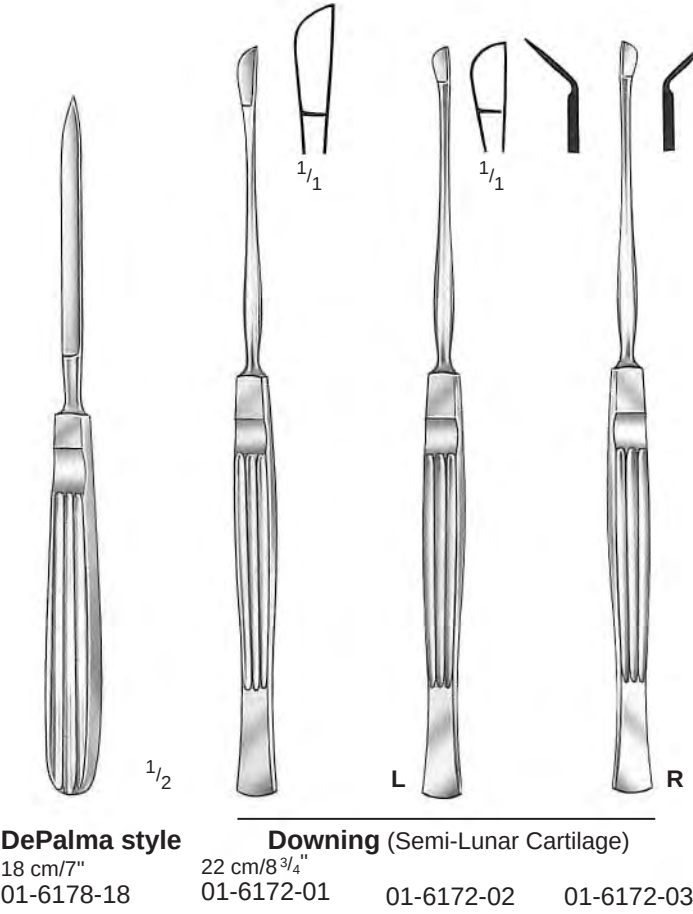
Smillie
17 cm/6 3/4"
01-6017-03



Smillie
17 cm/6 3/4"
01-6017-04

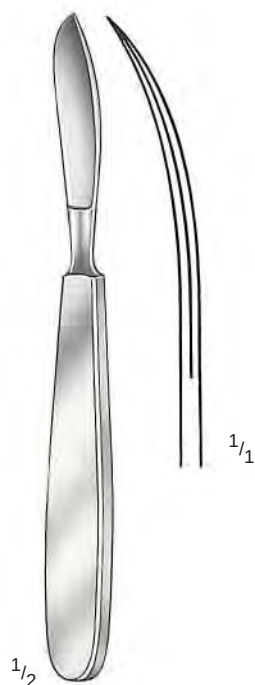


Smillie
17 cm/6 3/4"
01-6017-05

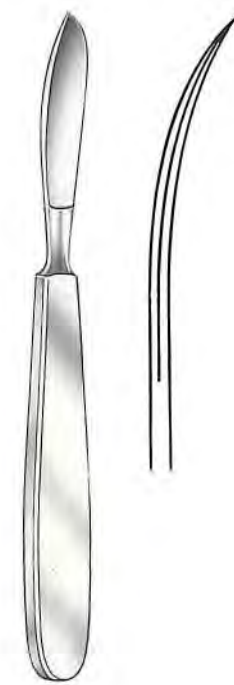




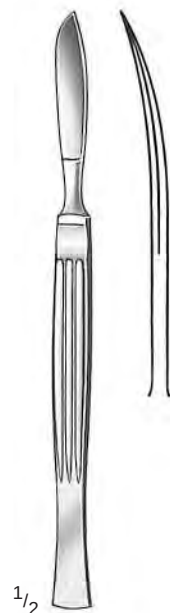
چاقوی منیسک
Meniskusmesser
Meniscotomes
Meniscótomos
Méniscotomes



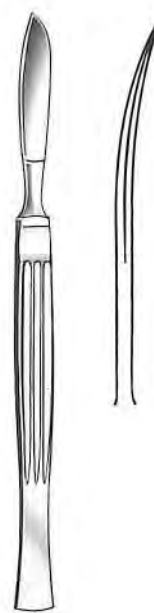
18 cm/7"
01-6078-01



18 cm/7"
01-6078-02



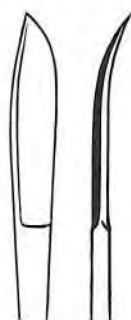
16 cm/6 $\frac{3}{4}$ "
01-6086-01



16 cm/6 $\frac{3}{4}$ "
01-6086-02



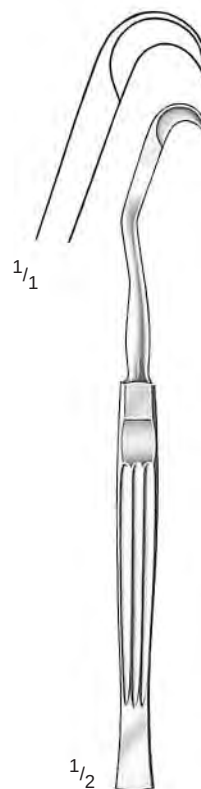
01-6122-01
links gebogen
curved to the left
curvo a la izquierda
courbure à gauche



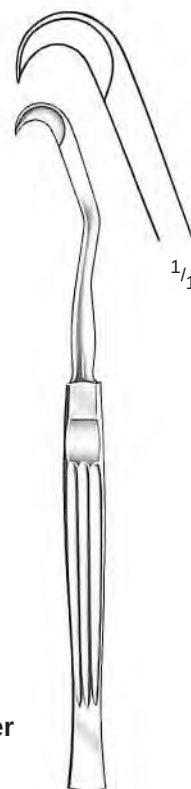
01-6122-02
rechts gebogen
curved to the right
curvo a la derecha
courbure à droite

Neff
22 cm/8 $\frac{3}{4}$ "

$\frac{1}{2}$



01-6128-02
rechts
right
a la derecha
à droite



01-6128-01
links
left
a la izquierda
à gauche

Mendler
18 cm/7"

02

Univer®

انواع قیچی
Scheren
Scissors
Tijeras
Ciseaux

Univer - Made in IRAN

gerade
straight
rectas
droits

cm inch.

11,5	4 1/2
13	5
14,5	5 3/4
16,5	6 1/2
18,5	7 1/4
20	8



Fig.1



Fig.2



Fig.3

02-0110-11
02-0110-13
02-0110-14
02-0110-16
02-0110-18
02-0110-20

02-0120-11
02-0120-13
02-0120-14
02-0120-16
02-0120-18
02-0120-20

02-0130-11
02-0130-13
02-0130-14
02-0130-16
02-0130-18
02-0130-20

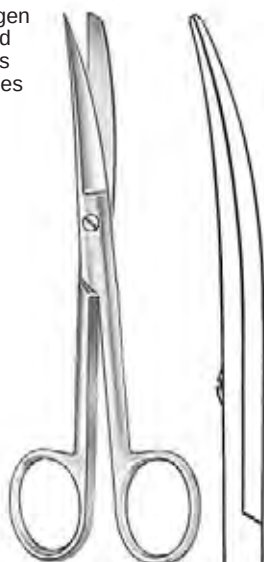
gebogen
curved
curvas
courbes

Fig. 1



Fig. 2



Fig. 3

cm inch.

11,5	4 1/2
13	5
14,5	5 3/4
16,5	6 1/2
18,5	7 1/4
20	8

02-0111-11
02-0111-13
02-0111-14
02-0111-16
02-0111-18
02-0111-20

02-0121-11
02-0121-13
02-0121-14
02-0121-16
02-0121-18
02-0121-20

02-0131-11
02-0131-13
02-0131-14
02-0131-16
02-0131-18
02-0131-20

gerade
straight
rectas
droits



Grazil

02-0141-##



Fig. 1



Fig. 2



Fig. 3



Grazil

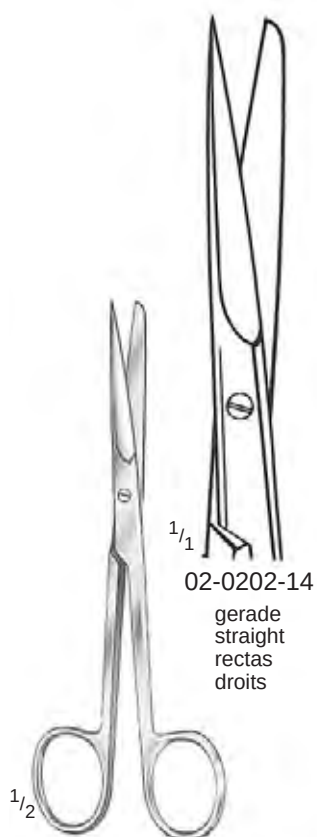
02-0151-##

gebogen
curved
curvas
courbes

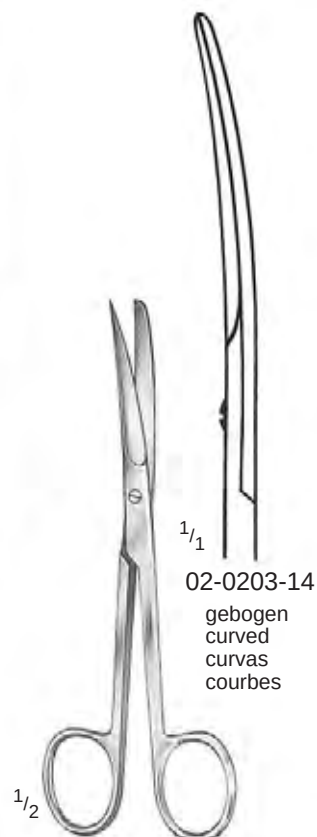


	cm	inch.	
Fig.1	13	5	02-0141-13
	14,5	5 ³ / ₄	02-0141-14
Fig.2	13	5	02-0142-13
	14,5	5 ³ / ₄	02-0142-14
Fig.3	13	5	02-0143-13
	14,5	5 ³ / ₄	02-0143-14

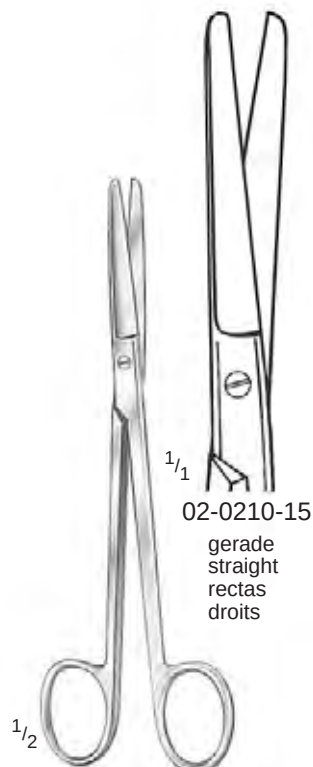
	cm	inch.	
Fig.1	13	5	02-0151-13
	14,5	5 ³ / ₄	02-0151-14
Fig.2	13	5	02-0152-13
	14,5	5 ³ / ₄	02-0152-14
Fig.3	13	5	02-0153-13
	14,5	5 ³ / ₄	02-0153-14

**Deaver**

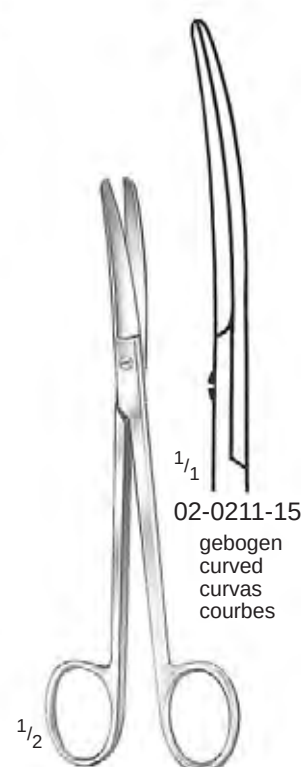
14,5 cm/5 1/2"

**Deaver**

14,5 cm/5 1/2"

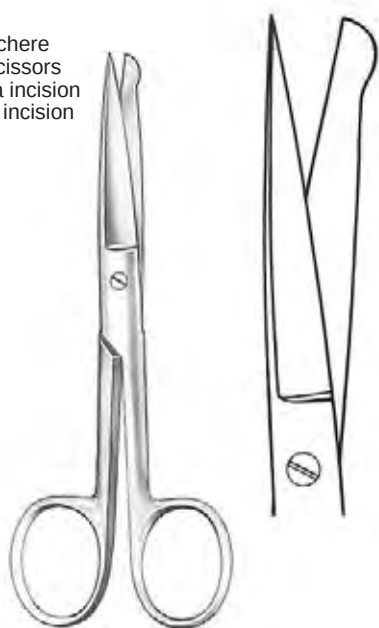
**Mixer**

15,5 cm/6"

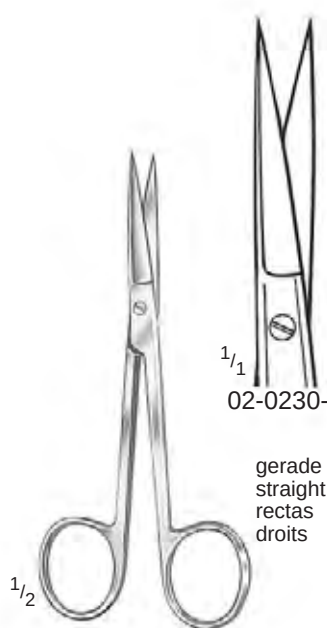
**Mixer**

15,5 cm/6"

Inzisionsschere
Incision Scissors
Tijera para incision
Ciseaux à incision



02-0220-##

**Iris**

12,5 cm/4 3/4"



02-0230-12

gerade
straight
rectas
droits



02-0231-12

gebogen
curved
curvas
courbes

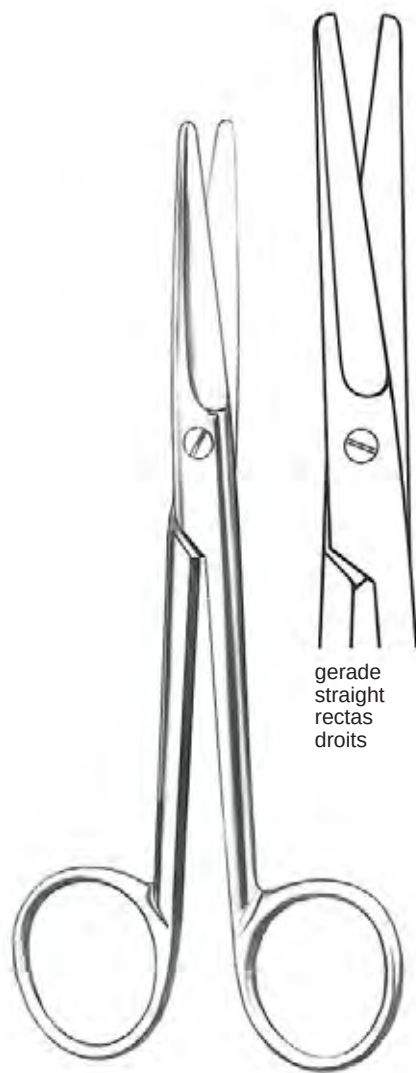


02-0233-11

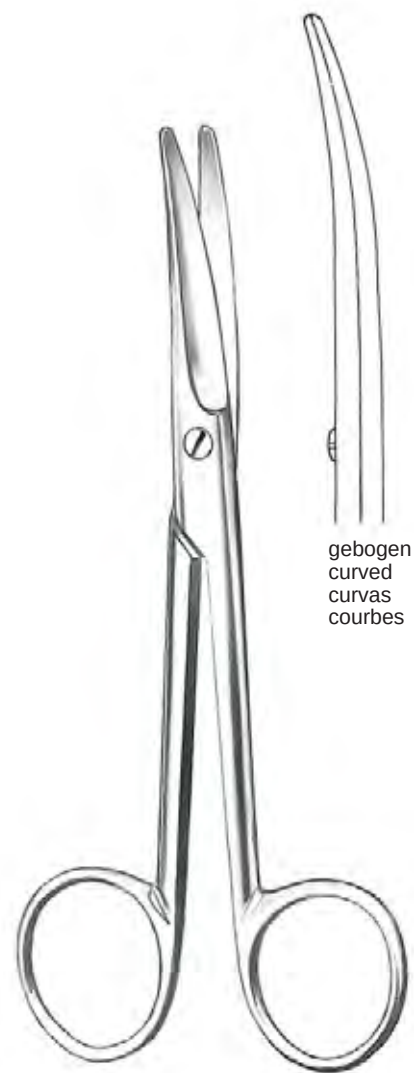
kniegebogen
angular
acodadas
coudés

kantige Branchen
non-rounded shanks
ramas angulosas
branches à arêtes

cm	inch.	
13,0	5	02-0220-13
14,5	5 3/4	02-0220-14
15,3	6	02-0220-15

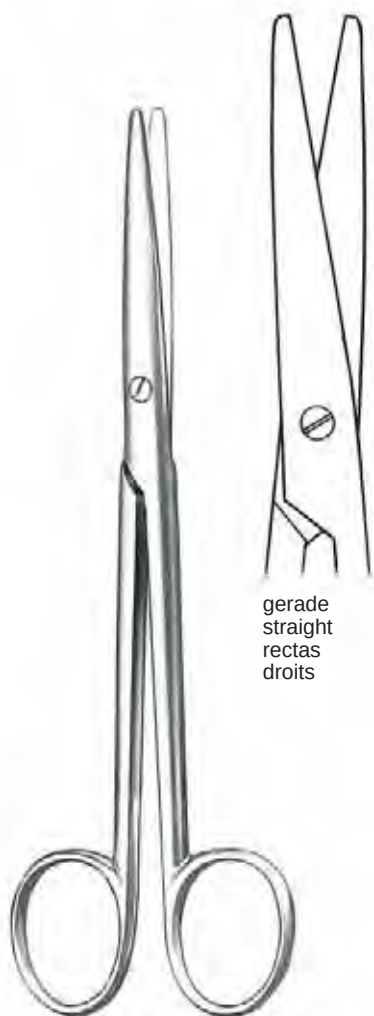


Mayo



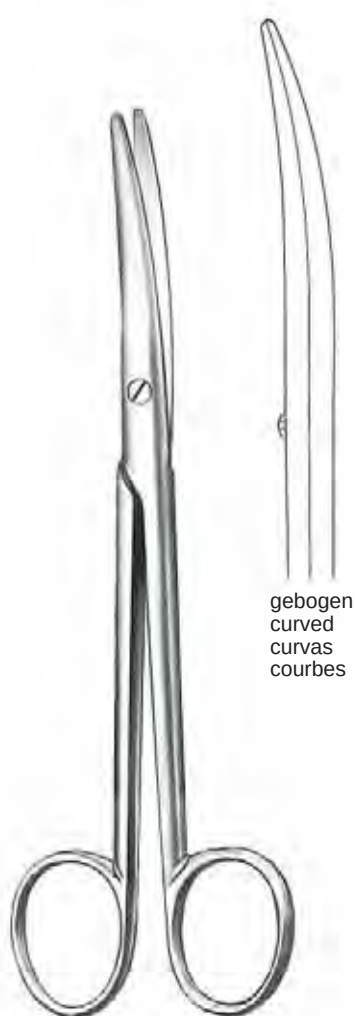
Mayo

cm	inch.		
14	5 1/2	02-0310-14	02-0311-14
15,5	6	02-0310-15	02-0311-15
17	6 3/4	02-0310-17	02-0311-17
21	8 1/4	02-0310-21	02-0311-21
23	9	02-0310-23	02-0311-23



gerade
straight
rectas
droits

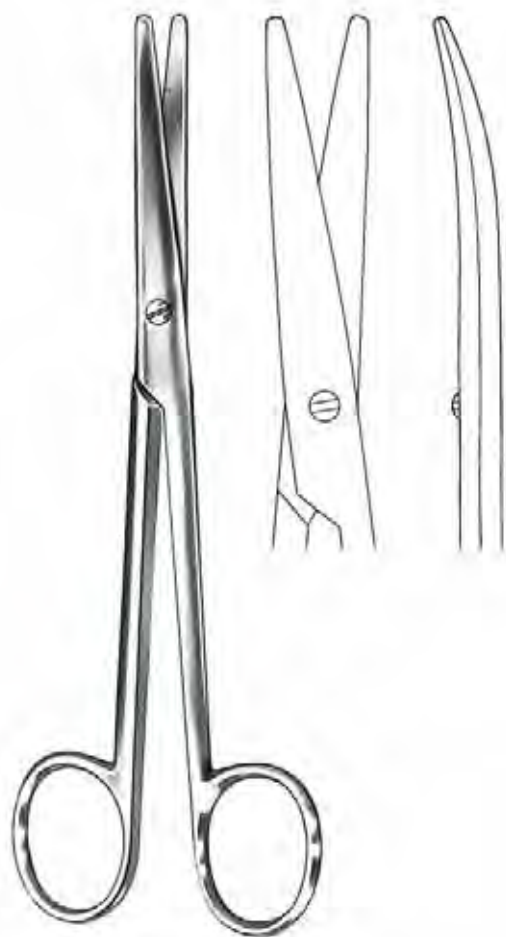
Mayo-Stille



gebogen
curved
curvas
courbes

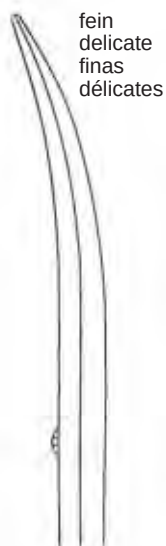
Mayo-Stille

	cm	inch.	
02-0320-15	15	6	02-0321-15
02-0320-17	17	6 ³ / ₄	02-0321-17
02-0320-20	20	8 ¹ / ₄	02-0321-20



Mayo-Lexer

cm	inch.	gerade straight rectas droits	gebogen curved curvas courbes
16	6 ¹ / ₄	02-0330-16	02-0331-16
21	8 ¹ / ₄	02-0330-21	02-0331-21



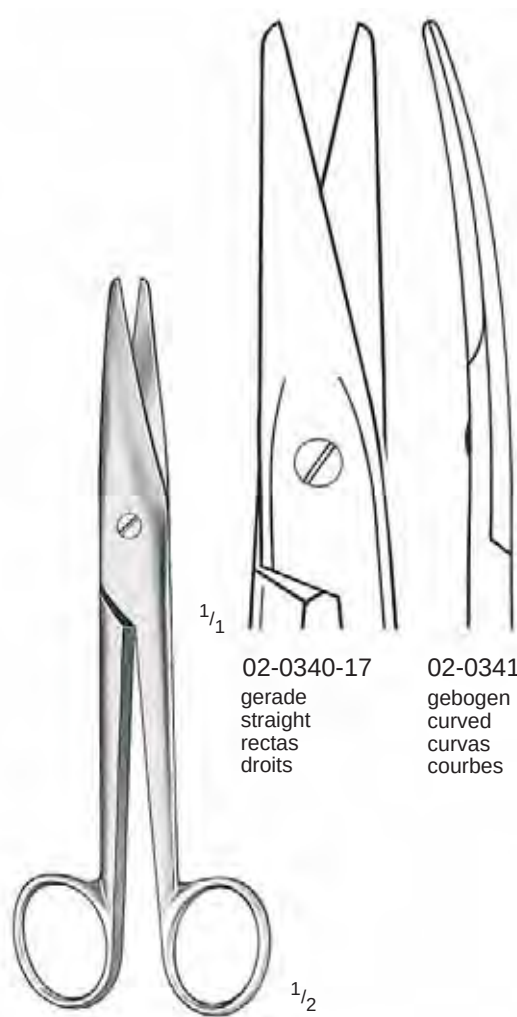
fein
delicate
finas
délicates

Lexer fino

16,5 cm/6 ¹/₂"

gebogen
curved
curvas
courbes

02-0333-16

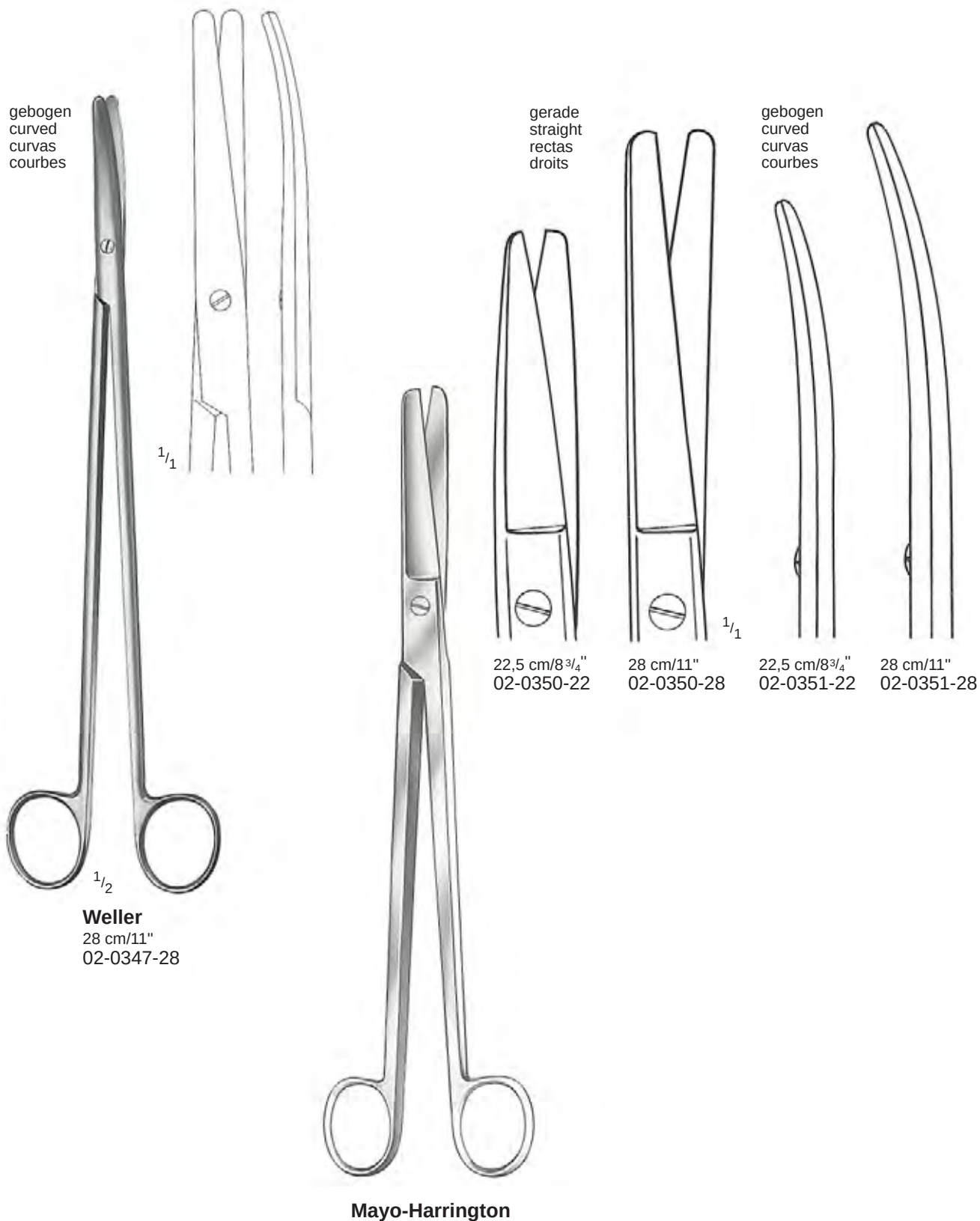


Mayo-Noble

17 cm/6 ³/₄"

02-0340-17
gerade
straight
rectas
droits

02-0341-17
gebogen
curved
curvas
courbes



قیچی جراحی ظریف

Feine Präparierscheren

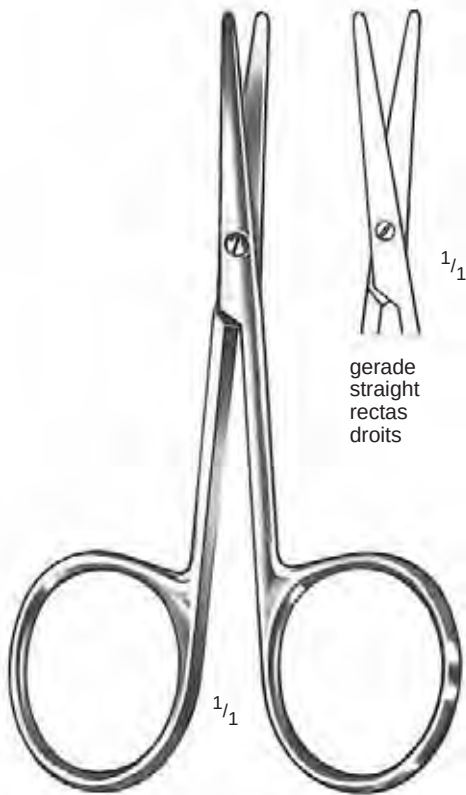
Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection



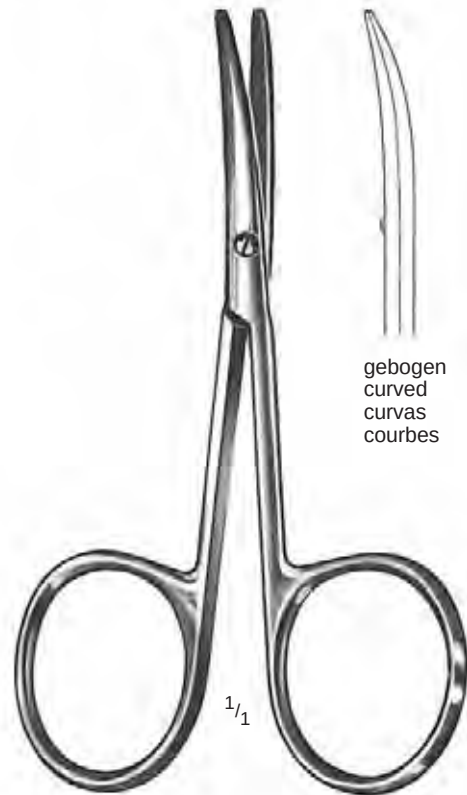
02



gerade
straight
rectas
droits

$\frac{1}{1}$

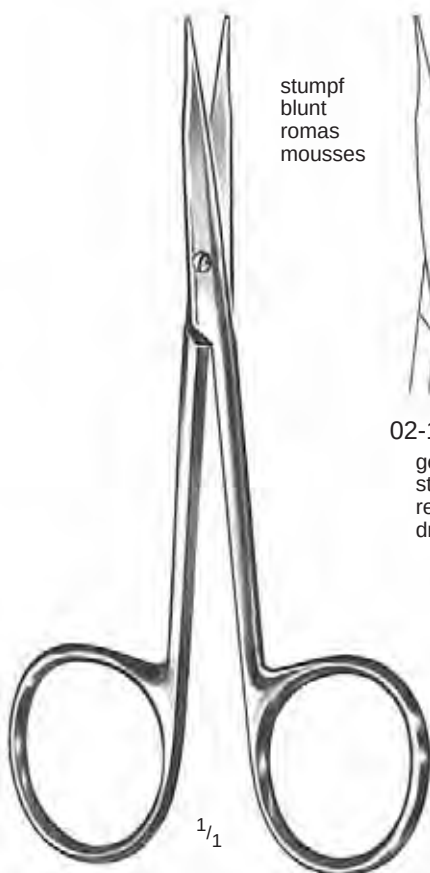
Lexer-Baby
10,5 cm/4"
02-1010-10



gebogen
curved
curvas
courbes

$\frac{1}{1}$

Lexer-Baby
10,5 cm/4"
02-1011-10



stumpf
blunt
romas
mousses

02-1020-11

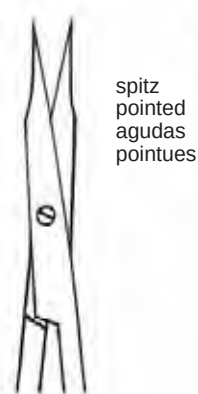
gerade
straight
rectas
droits



$\frac{1}{1}$

02-1021-11

gebogen
curved
curvas
courbes



spitz
pointed
agudas
pointues

02-1022-11

gerade
straight
rectas
droits



02-1023-11

gebogen
curved
curvas
courbes

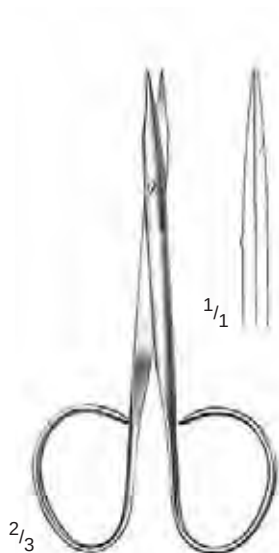
Gefäß- und Sehnenscheren
Vascular and Tenotomy Scissors
Tijeras vasculares y para tenotomía
Ciseaux vasculaires et à ténatomie

Stevens
11,5 cm/4 $\frac{1}{2}$ "

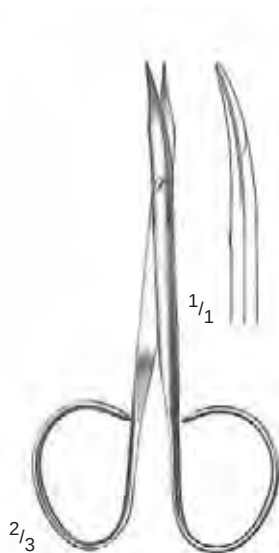
انواع قیچی ظریف

Feine Scheren, flache Branchen, extra große Ringe
Delicate Scissors, flat shanks, extra large rings
Tijeras finas, ramas llanas, anillos grandes
Ciseaux fins, branches plats, anneaux extra larges

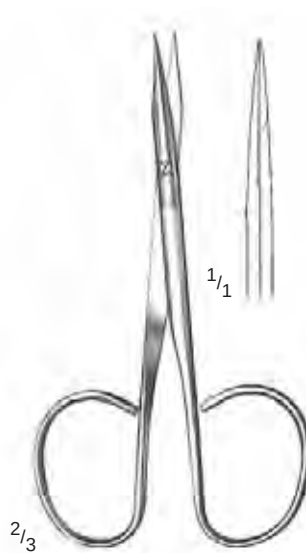
Gefäß- und Sehnenscheren
Vessel and Tendon Scissors
Tijeras para vasos y tendones
Ciseaux pour vaisseaux et tendons



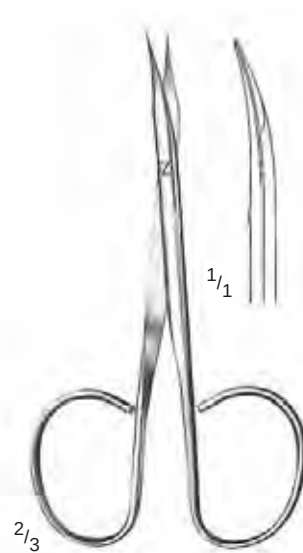
Stevens
9,5 cm/3 3/4"
02-1024-09



Stevens
9,5 cm/3 3/4"
02-1025-09



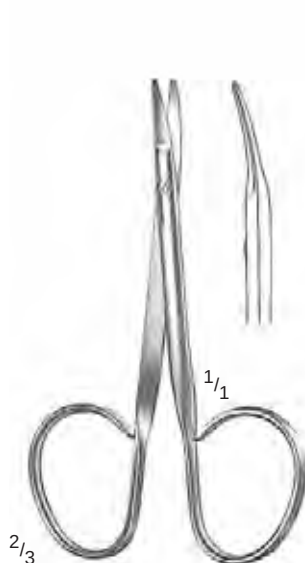
Stevens (Walton)
10 cm/4"
02-1026-10



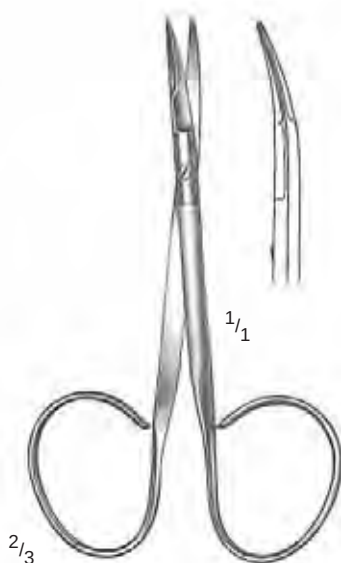
Stevens (Walton)
10 cm/4"
02-1027-10

Unterminierschere
Undermining Scissors
Tijeras para tunelización
Ciseaux à tunnelisation

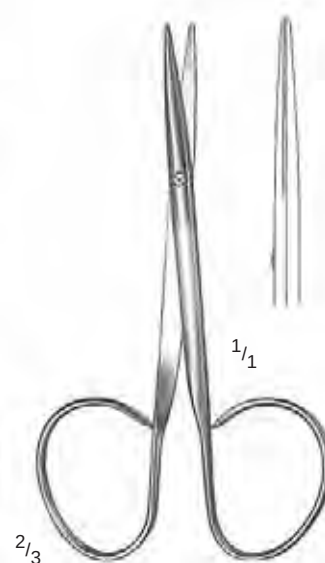
Feine Präparierscheren
Fine Dissecting Scissors
Tijeras finas para preparaciones
Ciseaux fins à dissection



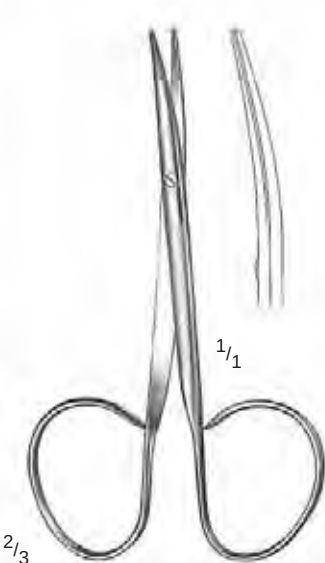
Ragnell
9,5 cm/3 3/4"
02-1028-29



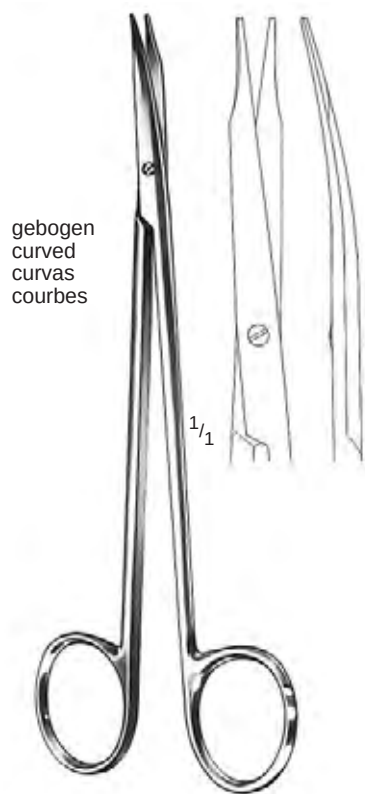
Kaye
10,5 cm/4 1/8"
02-1029-10



Butler
10,5 cm/4 1/8"
02-1031-10



Butler
10,5 cm/4 1/8"
02-1032-10

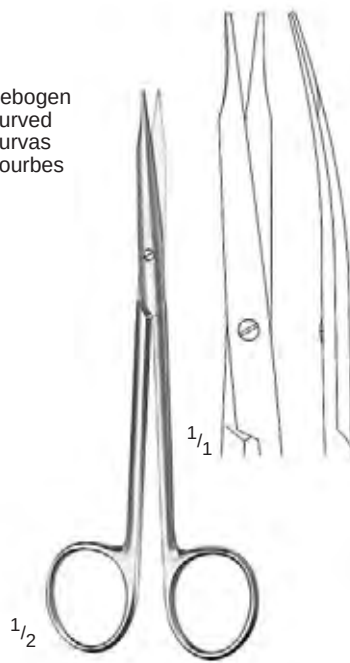


gebogen
curved
curvas
courbes

Reynolds

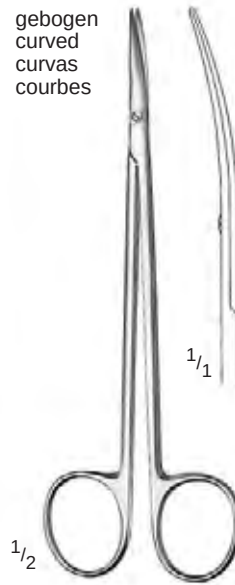
cm	inch.	
13,5	5 1/4	02-1041-13
15,0	6	02-1041-15
18,0	7	02-1041-18
20,0	8	02-1041-20
23,0	9	02-1041-23

gebogen
curved
curvas
courbes



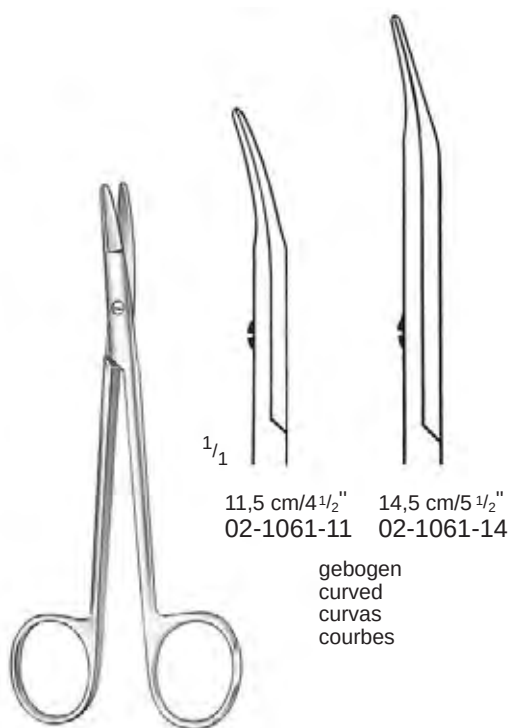
Jamison
15,5 cm/6"
02-1045-15

gebogen
curved
curvas
courbes

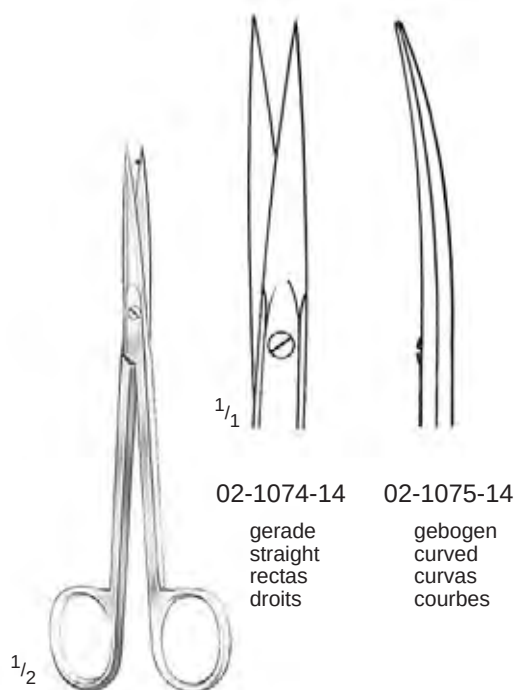


Nerv-Präparierschere
Nerve Dissecting Scissors
Tijera para nervios
Ciseaux pour disséquer des nerfs

15 cm/6"
02-1049-15

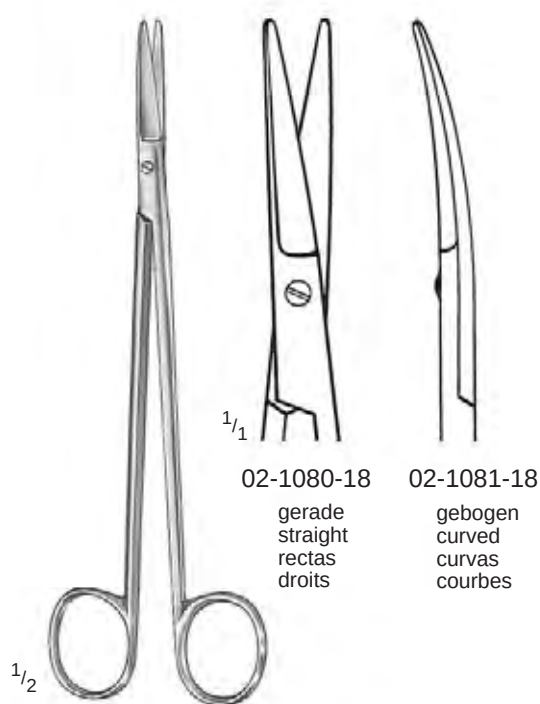


Kilner



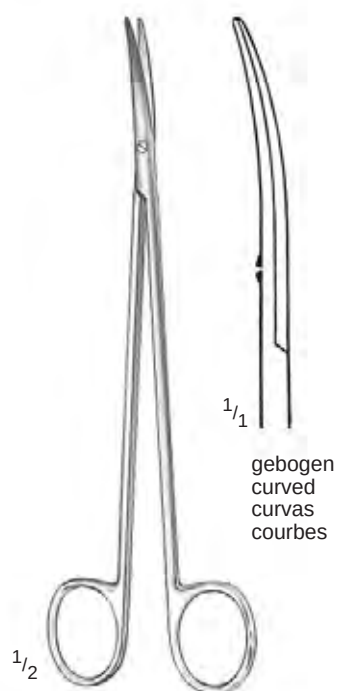
Brophy (Sullivan)

14,5 cm/5 1/2"



Tönnis (House)

18 cm/7"



Tönnis-Adson

17,5 cm/7"

02-1085-18

قیچی جراحی ظریف

Feine Präparierscheren

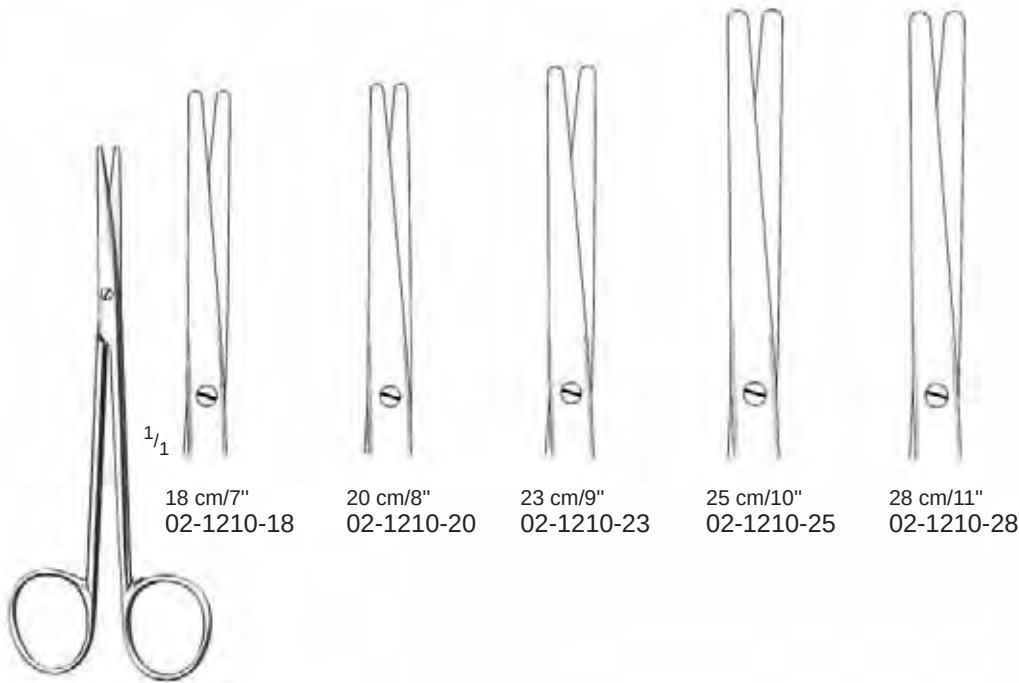
Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection



02



1/1

18 cm/7"
02-1210-18

20 cm/8"
02-1210-20

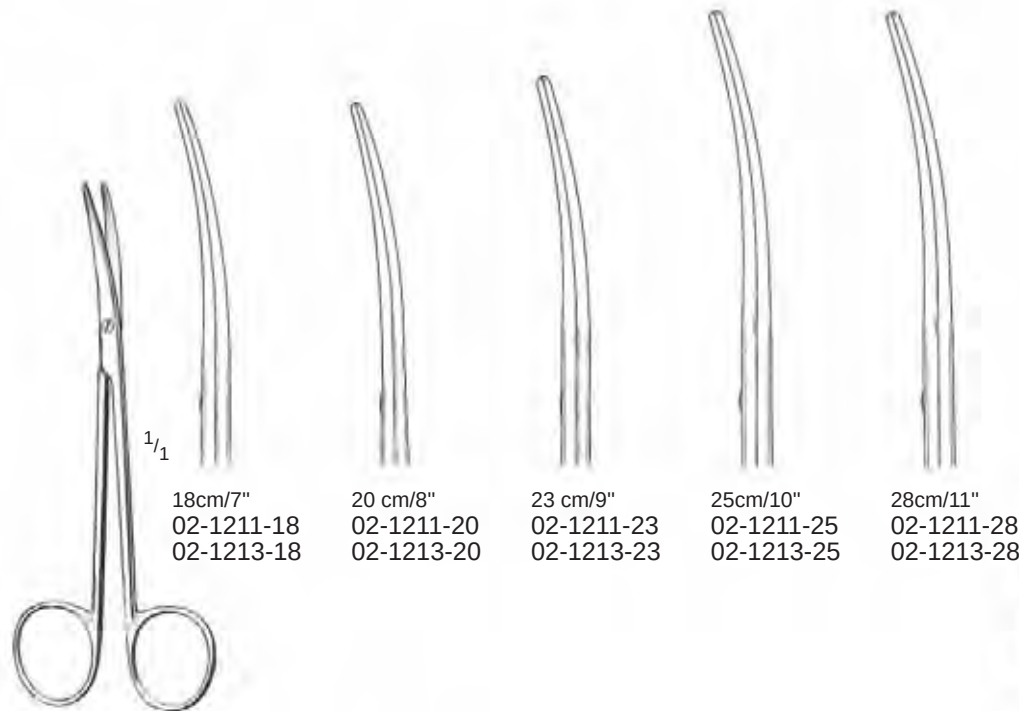
23 cm/9"
02-1210-23

25 cm/10"
02-1210-25

28 cm/11"
02-1210-28

S-gebogen
S-curved
curva forma S
courbes en S

Metzenbaum-Fino
02-1210-##



1/1

18cm/7"
02-1211-18
02-1213-18

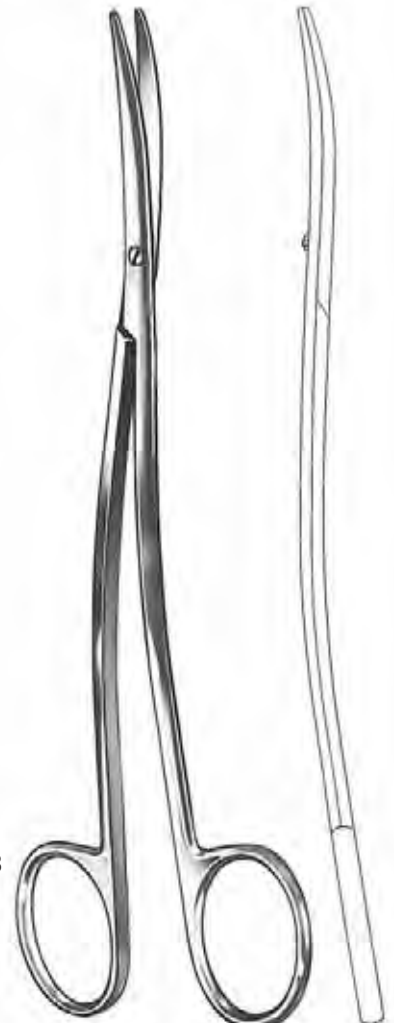
20 cm/8"
02-1211-20
02-1213-20

23 cm/9"
02-1211-23
02-1213-23

25cm/10"
02-1211-25
02-1213-25

28cm/11"
02-1211-28
02-1213-28

Metzenbaum-Fino
02-1211-##



Metzenbaum-Fino
02-1213-##



قیچی جراحی ظریف

Feine Präparierscheren

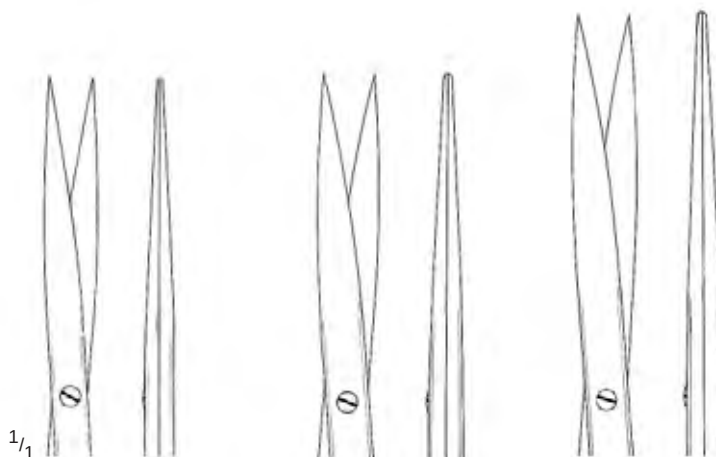
Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection



Metzenbaum-Fino
02-1230-##



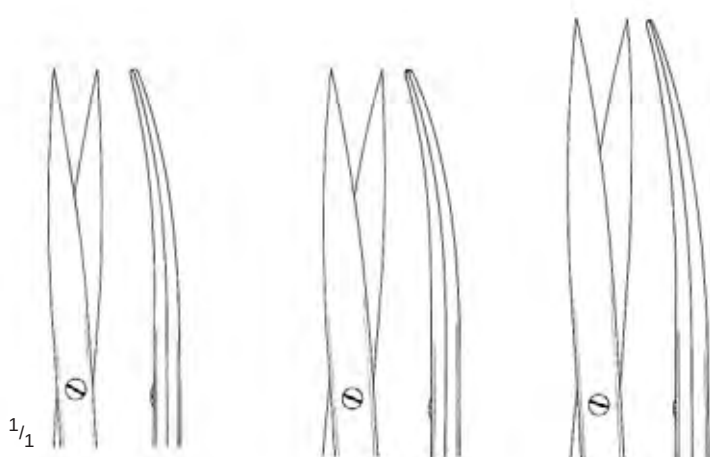
18 cm/7"
02-1230-18

20 cm/8"
02-1230-20

23 cm/9"
02-1230-23



Metzenbaum-Fino
02-1231-##



18 cm/7"
02-1231-18

20 cm/8"
02-1231-20

23 cm/9"
02-1231-23

قیچی جراحی

Präparierscheren

Dissecting Scissors

Tijeras para preparaciones

Ciseaux à dissection



02



02-1250-##

							
Lahey	Metzenbaum				Nelson		
14 cm/5 1/2"	16 cm/6 1/4"	18 cm/7"	20 cm/8"	23 cm/9"	25 cm/10"	28 cm/11"	30 cm/12"
02-1250-14	02-1250-16	02-1250-18	02-1250-20	02-1250-23	02-1250-25	02-1250-28	02-1250-30



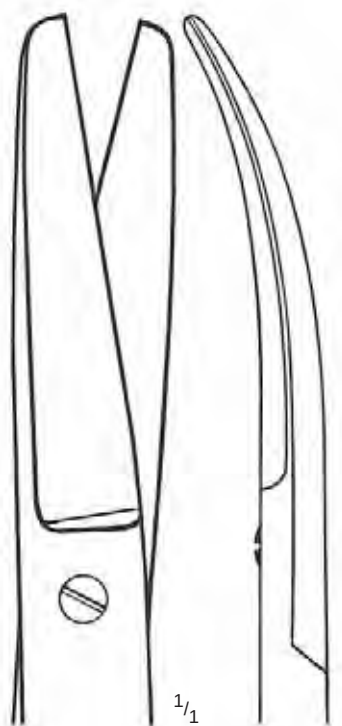
02-1251-##

							
Lahey	Metzenbaum				Nelson		
14 cm/5 1/2"	16 cm/6 1/4"	18 cm/7"	20 cm/8"	23 cm/9"	25 cm/10"	28 cm/11"	30 cm/12"
02-1251-14	02-1251-16	02-1251-18	02-1251-20	02-1251-23	02-1251-25	02-1251-28	02-1251-30

Kephalotom-Schere
Cephalotomy-Scissors
Tijeras para decapitación
Ciseaux à détroncation



Dubois
27 cm/10 1/2"

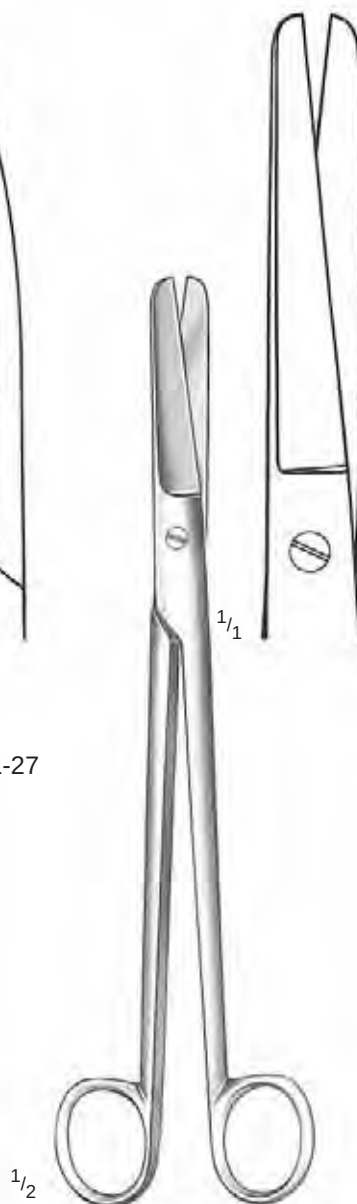


gerade
straight
rectas
droits

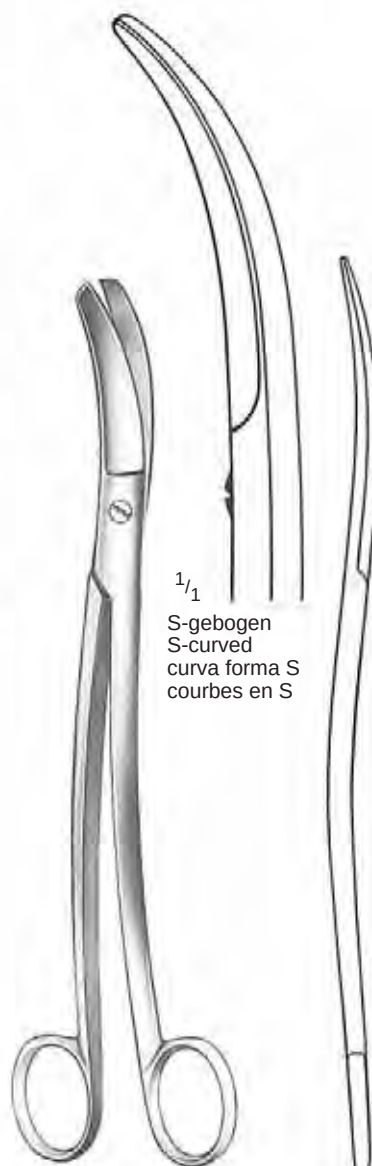
02-1500-27

gebogen
curved
curvas
courbes

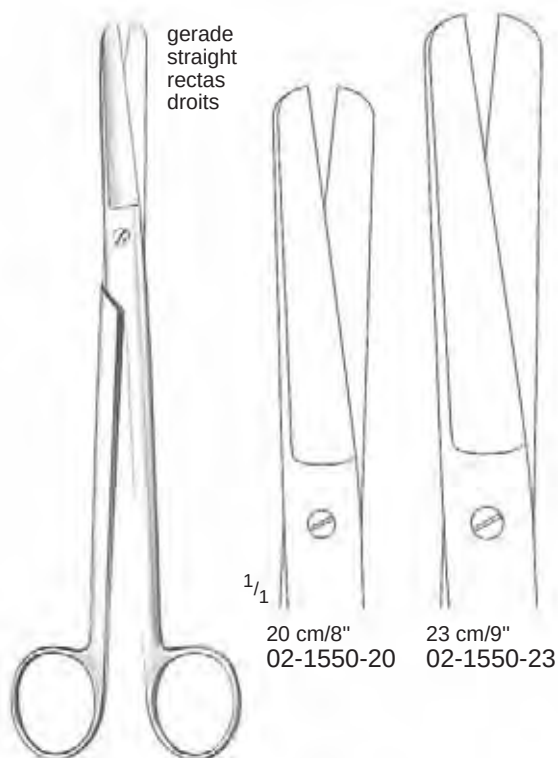
02-1501-27



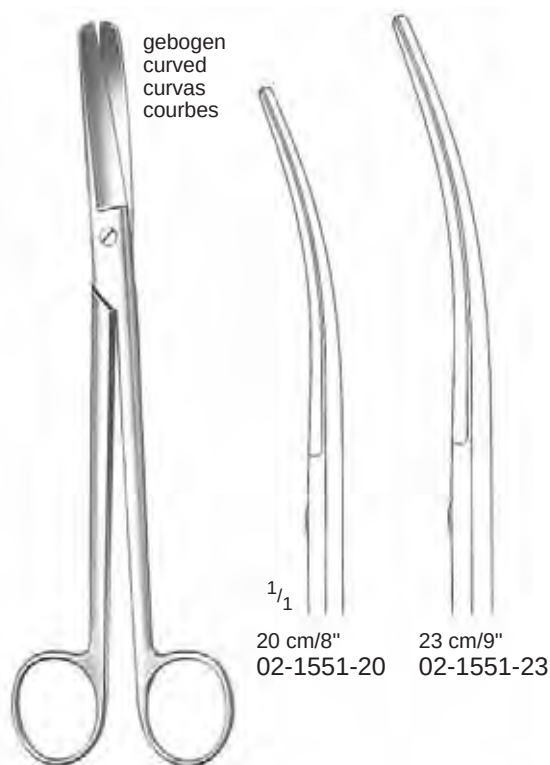
Sims-Siebold
25 cm/10"
02-1520-25



Siebold
24 cm/9 1/2"
02-1531-24

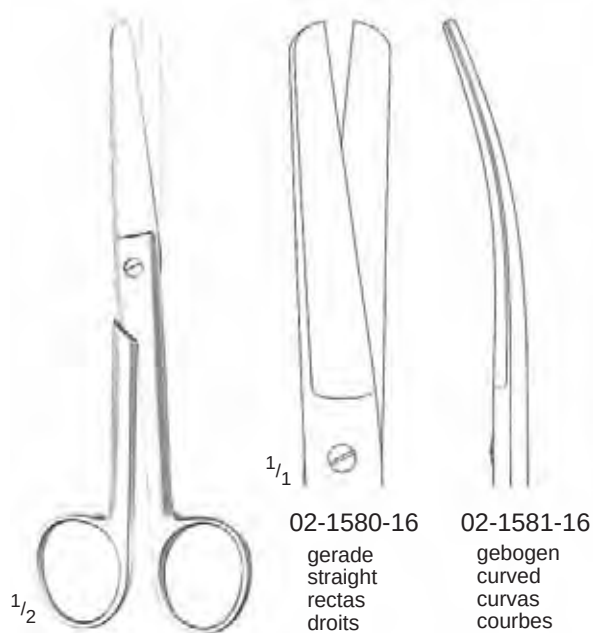


Sims
02-1550-##

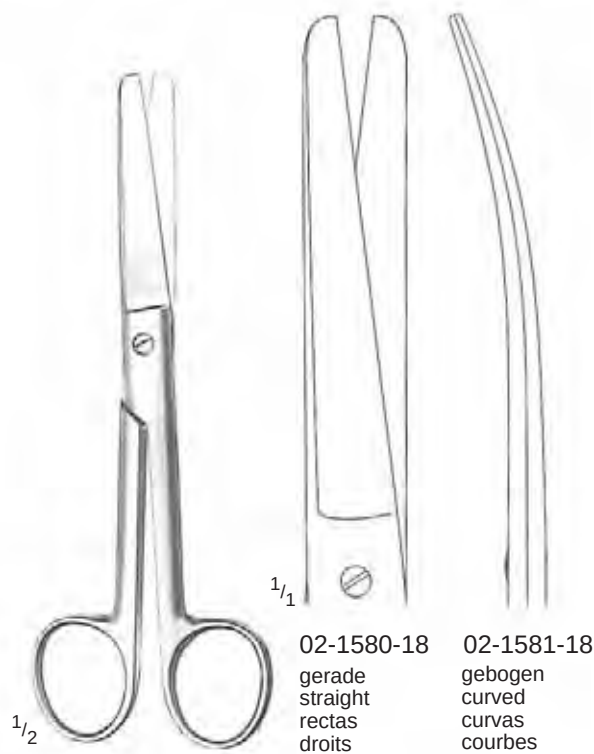


Sims
02-1551-##

Bauchdeckenschere, kräftige Modelle
Abdominal Scissors, heavy patterns
Tijeras abdominales, modelos robustos
Ciseaux abdominaux, modèles robustes



Doyen
16 cm/6 1/4"



Doyen
18 cm/7"

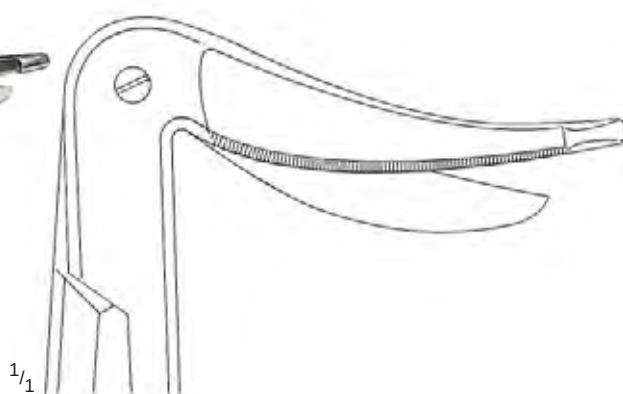
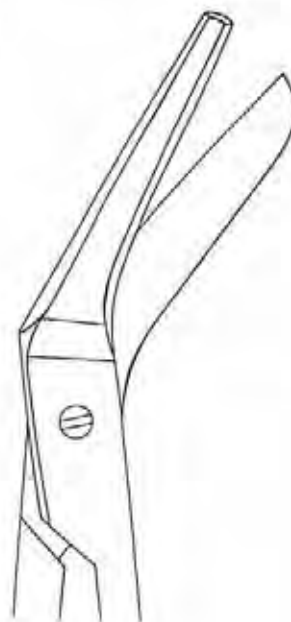
Damm-(Episiotomie-) Scheren
Perineum (Episiotomy) Scissors
Tijeras para perineo (para episiotomia)
Ciseaux à périnée (à épisiotomie)



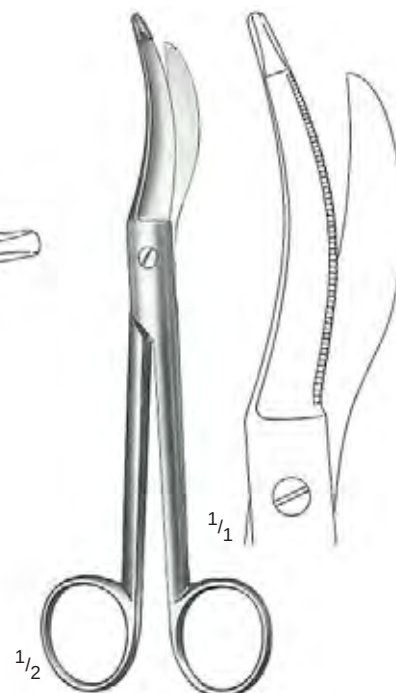
Braun-Stadler
14 cm/5 1/2"
02-1605-14



Braun-Stadler
22 cm/8 3/4"
02-1605-22



Marbach
15,5 cm/6"
02-1613-15



Waldmann
18 cm/7"
02-1617-18

قیچی جراحی زنان

Gynäkologische Scheren
Gynecological Scissors
Tijeras para ginecología
Ciseaux à gynécologie



02

Nabelschnur-Scheren
Umbilical Cord Scissors
Tijeras umbilicales
Ciseaux pour le cordon ombilical



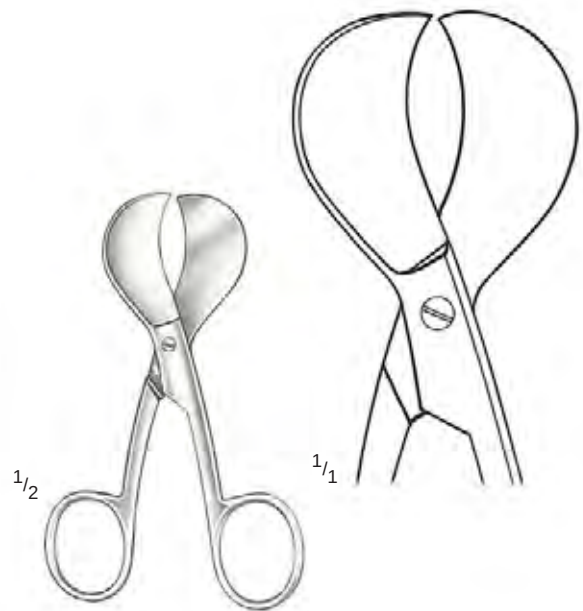
23 cm/9"
02-1625-23

leicht gebogen
light curved
ligeramente curvas
courbes légère



22 cm/8 1/2"
02-1625-22

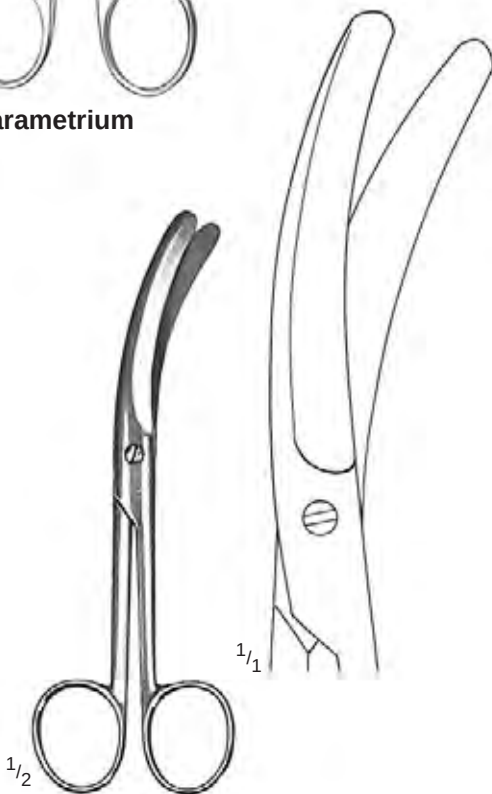
stark gebogen
strong curved
curvas fuerte
à forte courbure



Mod. USA
10,5 cm/4"
02-1636-10

1/2

Parametrium



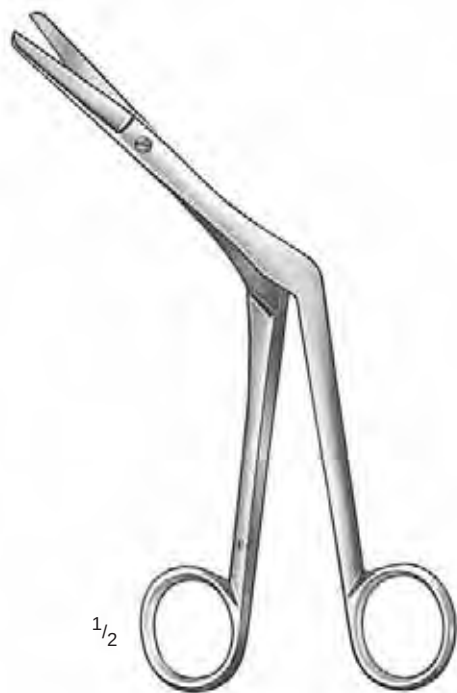
1/2

Busch 1/4"
16 cm/6
02-1641-16



1/2

Schumacher 1/4"
16 cm/6
02-1645-16



1/2

Heymann
 18 cm/7"
 02-2015-18

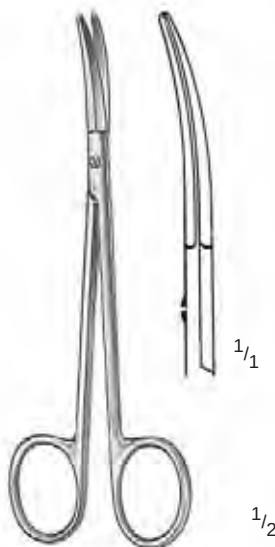


Heymann
 18,5 cm/7 1/4"
 02-2016-18



1/2

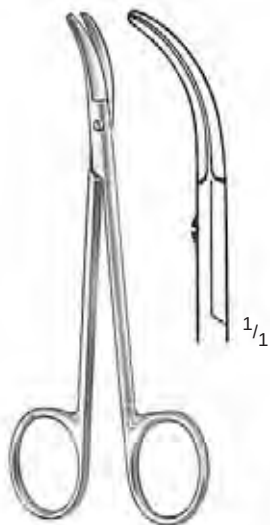
Knight
 18 cm/7"
 02-2019-18



1/1

1/2

Fomon "Saber Back"
 13,5 cm/5 1/4"
 02-2031-13



1/1

Fomon "Upper Lateral"
 13,5 cm/5 1/4"
 02-2035-13



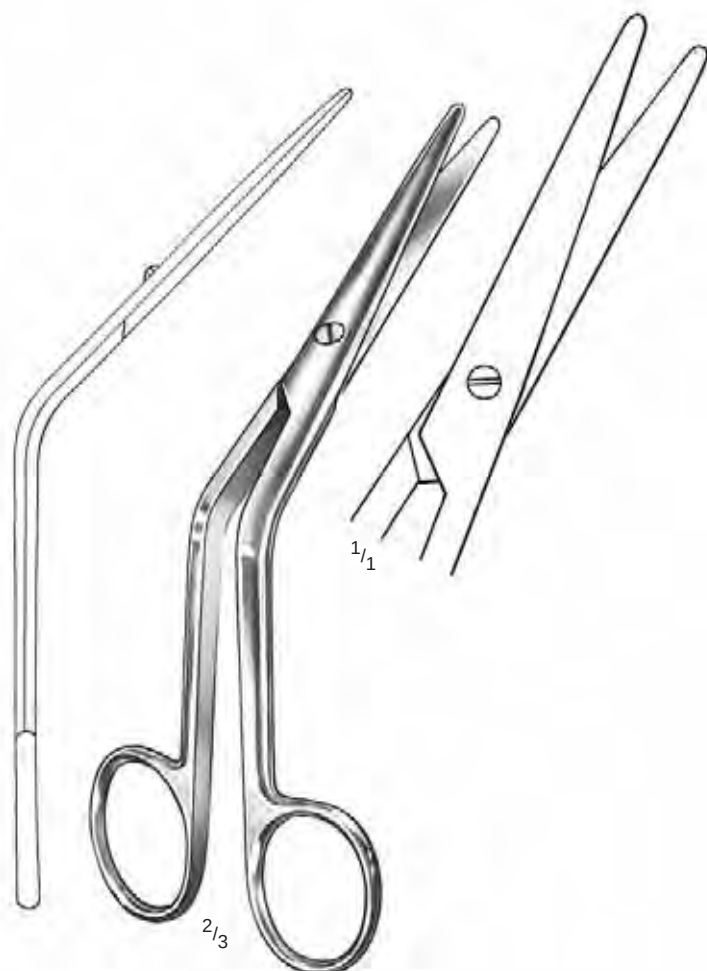
Cinelli
 11,5 cm/4 1/2"
 02-2036-11



Fomon
 14 cm/5 1/2"
 02-2038-14

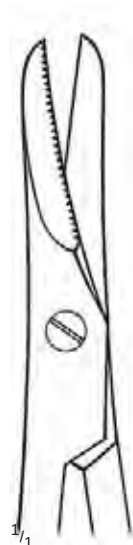


Fomon
14,5 cm/5³/₄"
02-2051-14



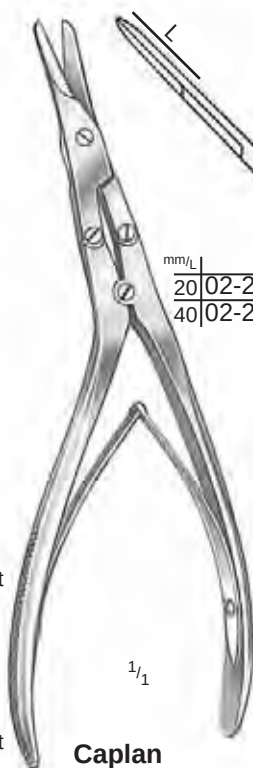
Cottle
17 cm/6³/₄"
02-2055-17

قیچی جراحی بینی
Nasenscheren
Nasal Scissors
Tijeras nasales
Ciseaux nasaux



1 Schneide gezahnt
 1 Blade serrated
 1 Hoja dentada
 1 Lame dentelée

2 Schneide gezahnt
 2 Blade Serrated
 2 Hoja dentada
 2 Lame dentelée
 20 cm
 02-2064-20



Caplan
 20 cm/8"

2 Schneide gezahnt
 2 Blade serrated
 2 Hoja dentada
 2 Lame dentelée
 02-2064-20

mm/L
 20 | 02-2063-20
 40 | 02-2065-20



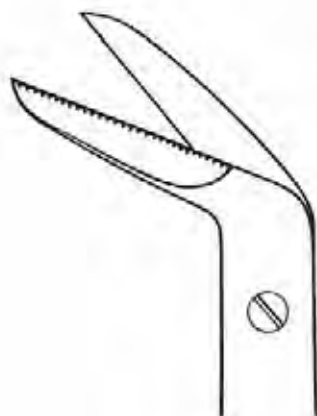
Converse



10,5 cm/4 1/4"
 02-2065-10
 stumpf
 blunt
 romo
 mousse



10,5 cm/4 1/4"
 02-2066-10
 spitz
 sharp
 agudo
 pointu



1 Schneide gezahnt
 1 Blade serrated
 1 Hoja dentada
 1 Lame dentelée



Killian
 21 cm/8 1/2"
 02-2067-21

قیچی ظریف

Feine präparierscheren

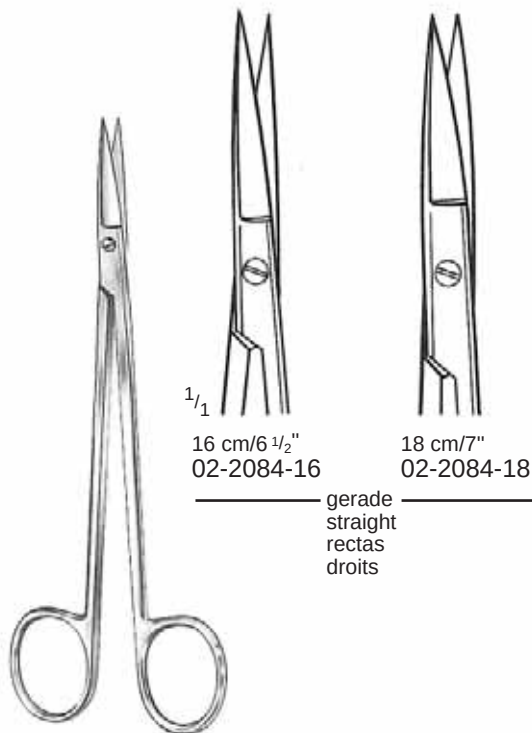
Fine Dissecting Scissors

Tijeras finas para preparaciones

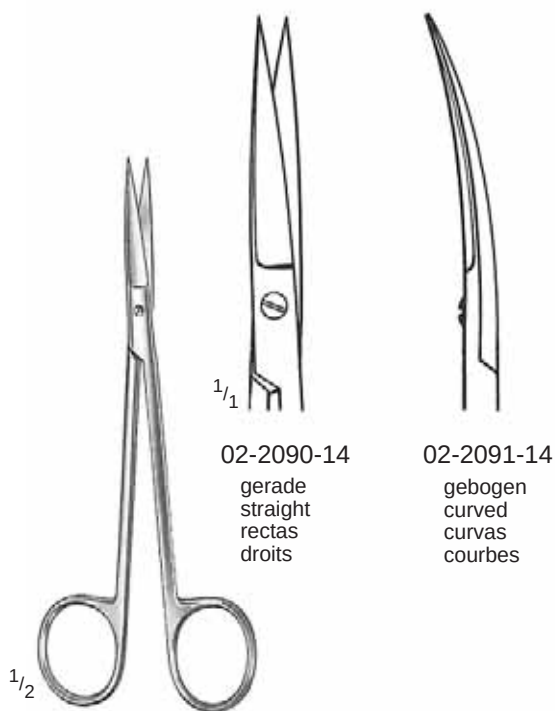
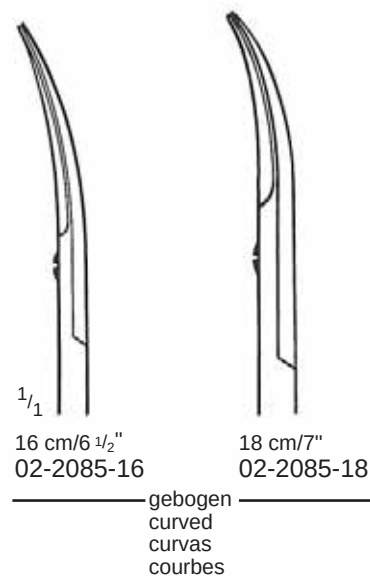
Ciseaux fins à dissection



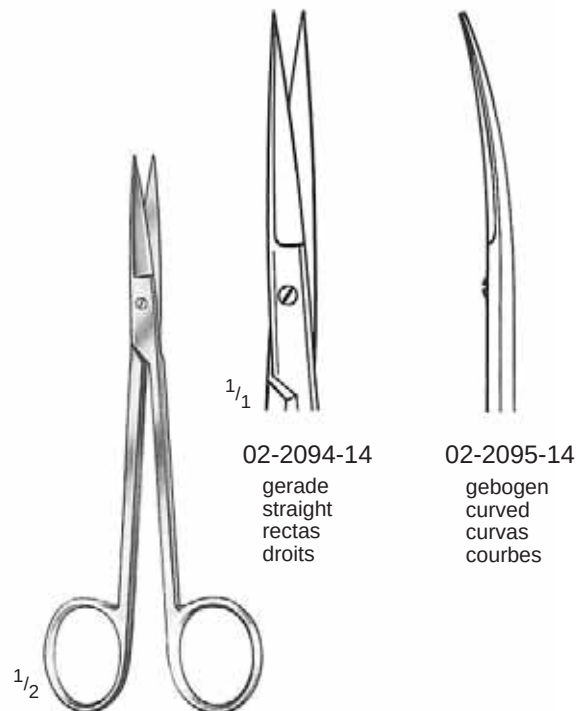
02



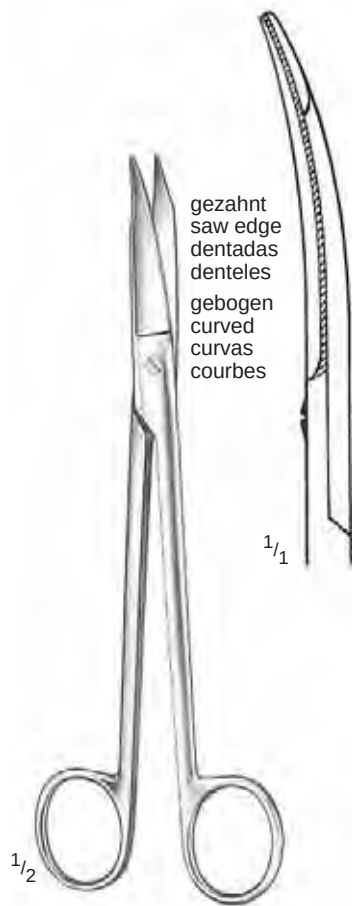
Kelly



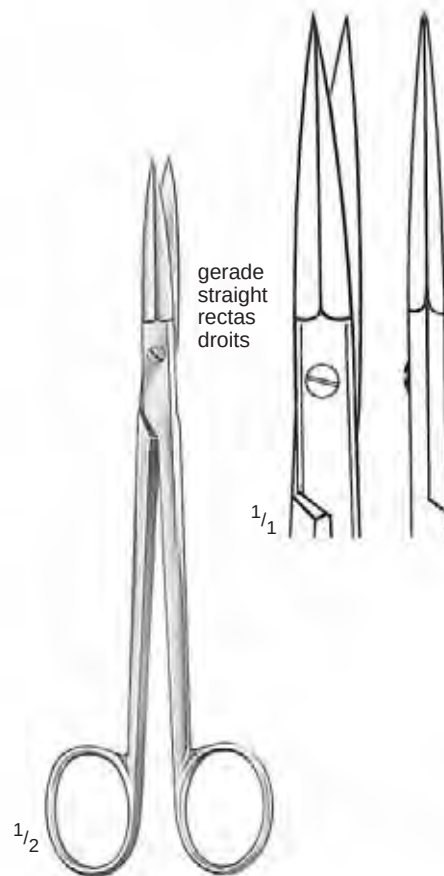
Joseph
14 cm/5 1/2"



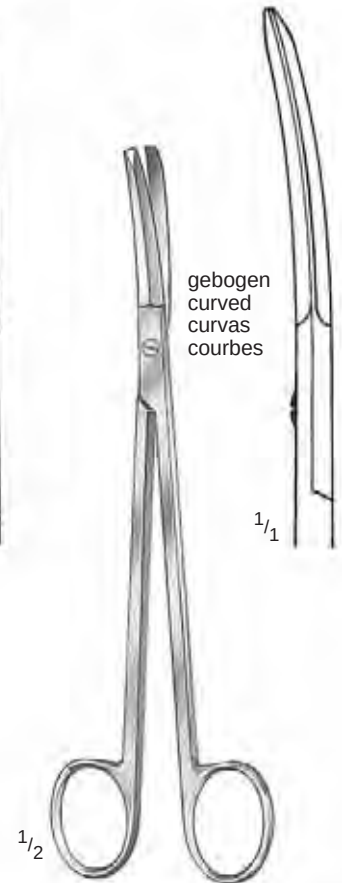
Sanvenero
14 cm/5 1/2"



Martin
20 cm/8"
02-2113-20



McIndoe
19 cm/7 1/2"
02-2120-19



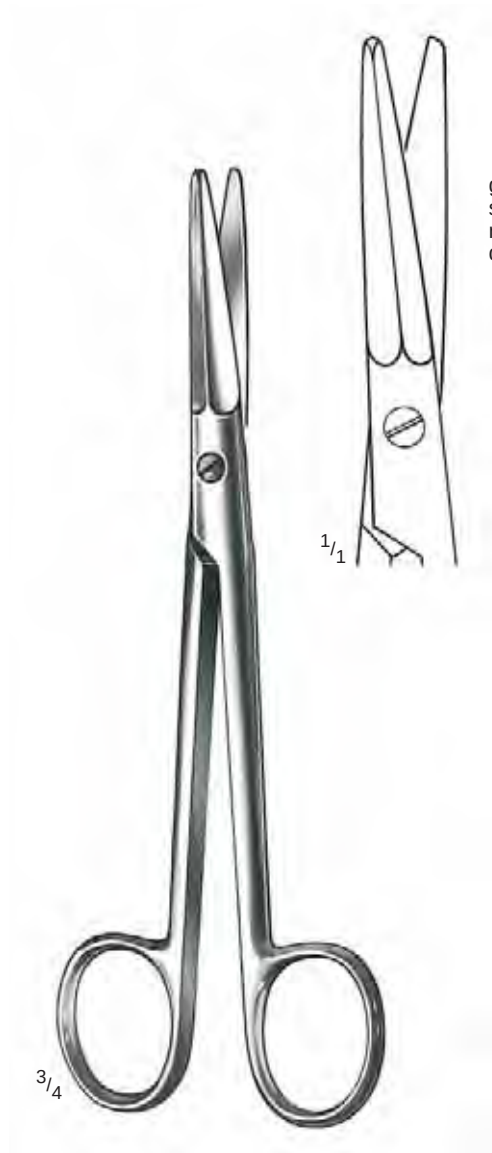
Potts-Smith
19 cm/7 1/2"
02-2135-19

قیچی جراحی پلاستیک

Scheren für plastische Operationen
Plastic Surgery Scissors
Tijeras para operaciones plásticas
Ciseaux pour opérations plastiques



02



Rees (Face Lifting)
17 cm/6 $\frac{3}{4}$ "
02-2220-17



Rees (Face Lifting)
17 cm/6 $\frac{3}{4}$ "
02-2221-17

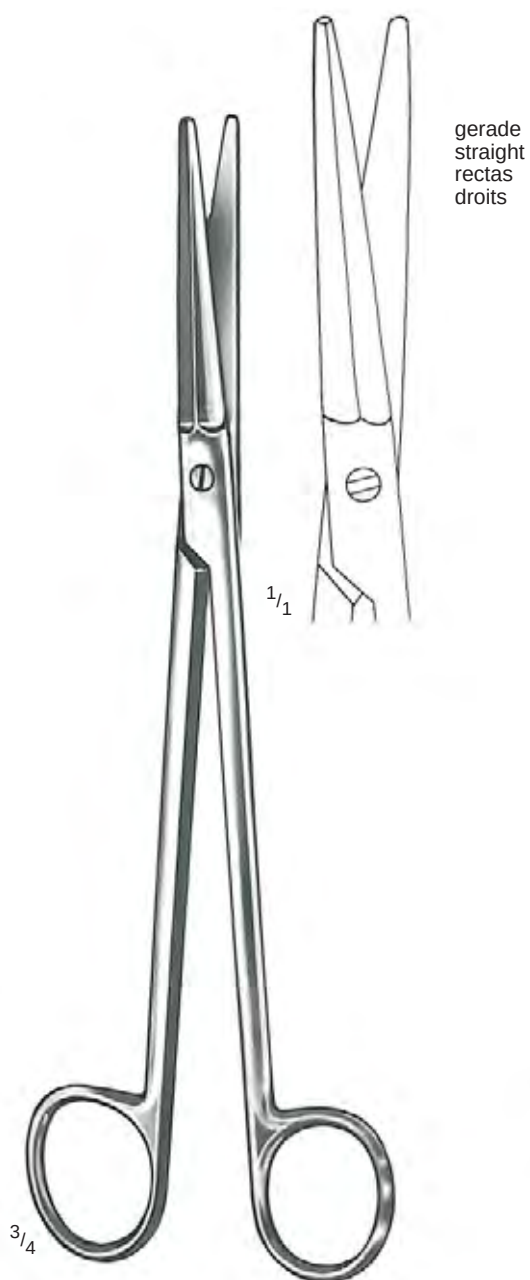
قیچی جراحی پلاستیک

Scheren für plastische Operationen

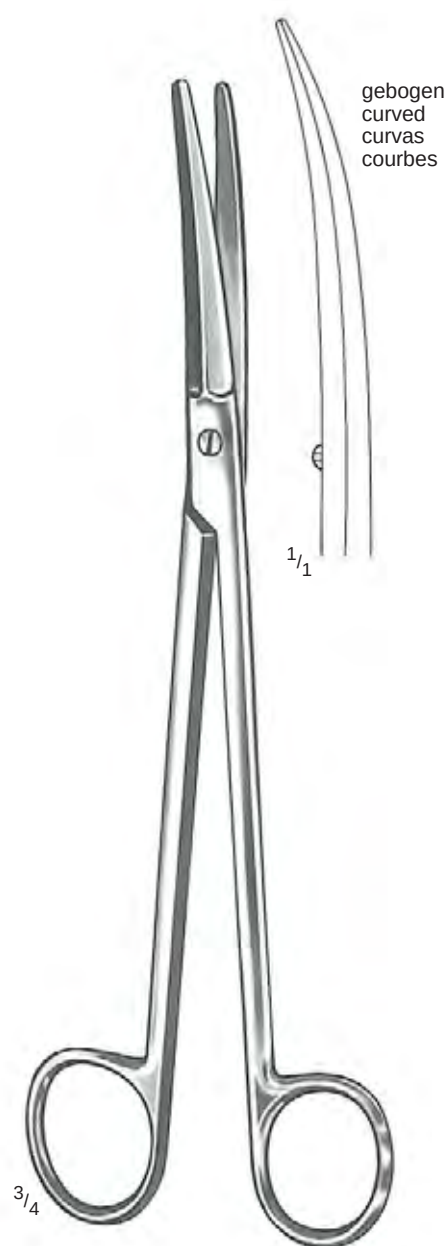
Plastic Surgery Scissors

Tijeras para operaciones plásticas

Ciseaux pour opérations plastiques



Gorney
20 cm/8"
02-2230-20



Gorney
20 cm/8"
02-2231-20

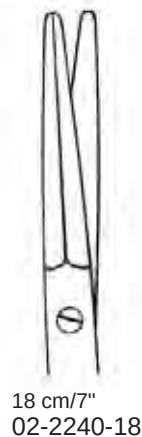


Kahn

gerade
straight
rectas
droits



1/1
14 cm/5 1/2"
02-2240-14



18 cm/7"
02-2240-18



20 cm/8"
02-2240-20



Kahn

gebogen
curved
curvas
courbes



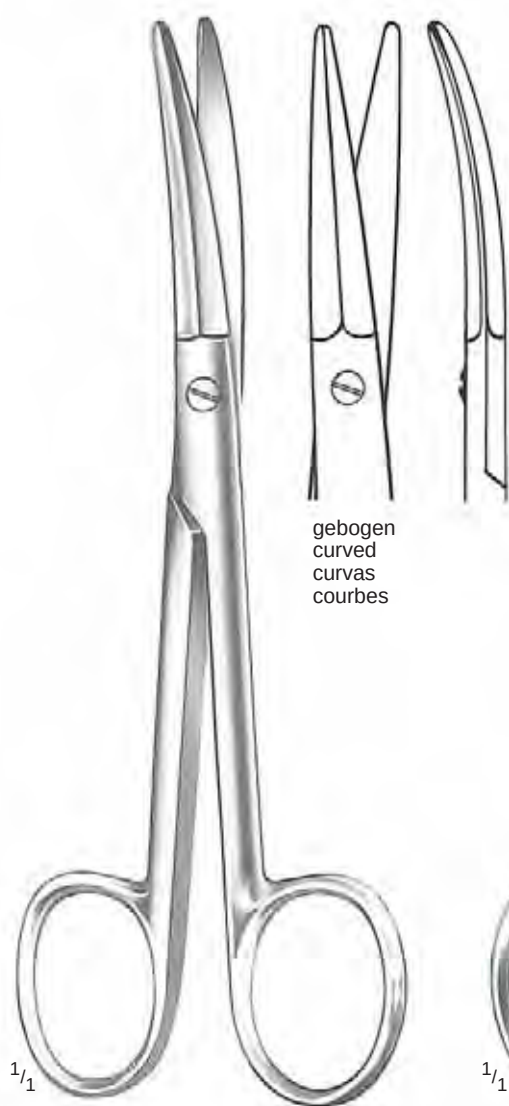
1/1
14 cm/5 1/2"
02-2241-14



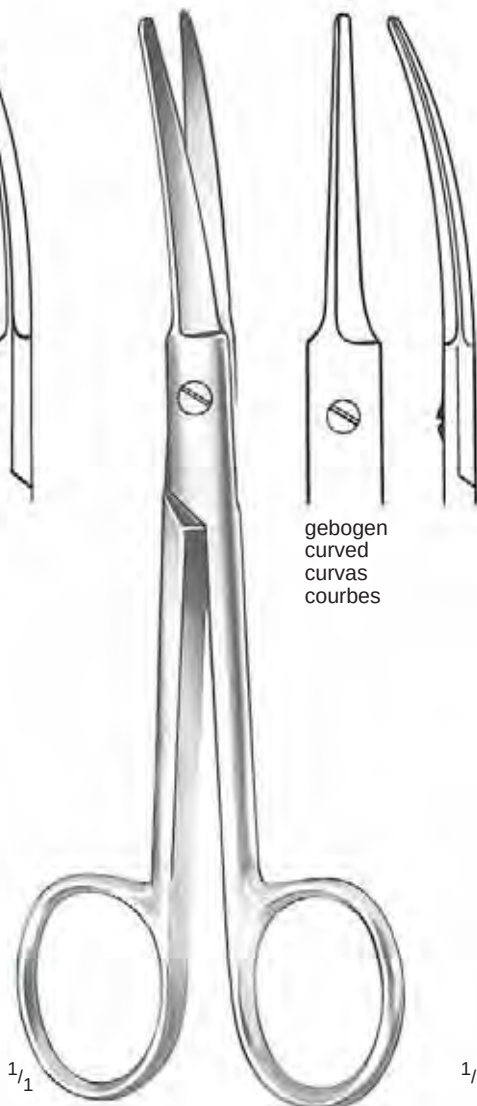
18 cm/7"
02-2241-18



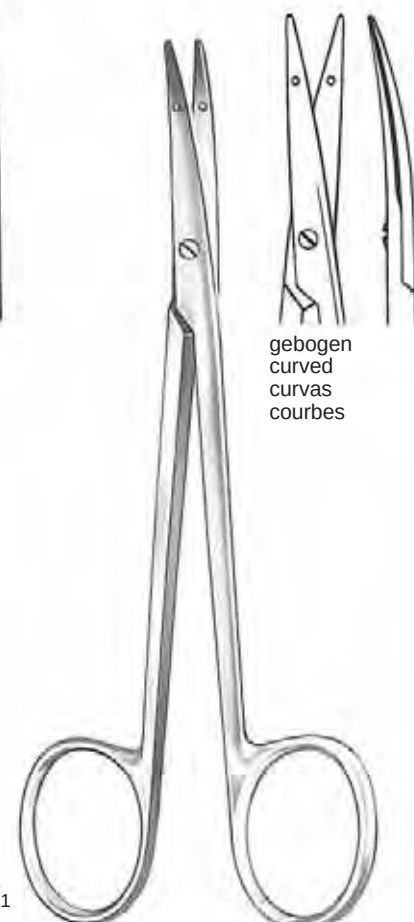
20 cm/8"
02-2241-20

 $\frac{1}{1}$

Aufricht
14,5 cm/5 $\frac{3}{4}$ "
02-2251-14

 $\frac{1}{1}$

Brown (mod.)
14,5 cm/5 $\frac{3}{4}$ "
02-2255-14

 $\frac{1}{1}$

Littler Plastic
12 cm/4 $\frac{3}{4}$ "
02-2291-12

قیچی لوزہ

Tonsillenscheren

Tonsil Scissors

Tijeras para amígdalas

Ciseaux pour les amygdales

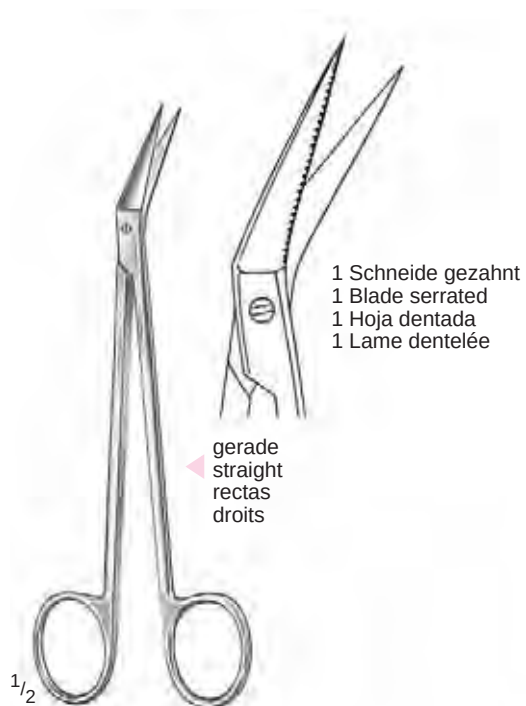


1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

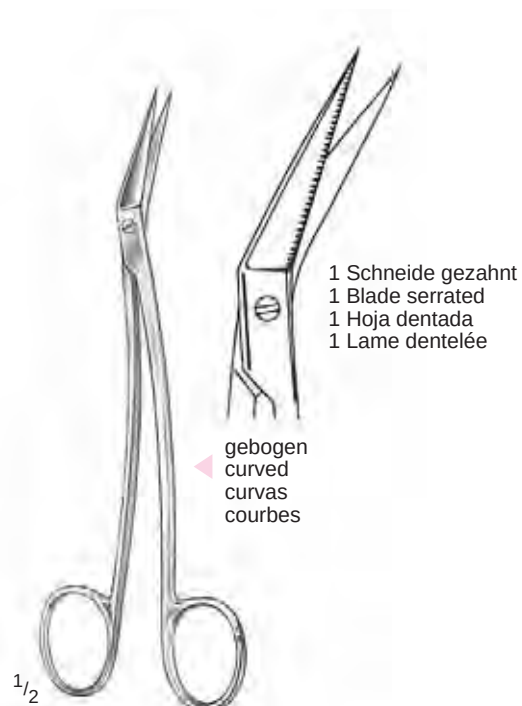


قیچی ظریف

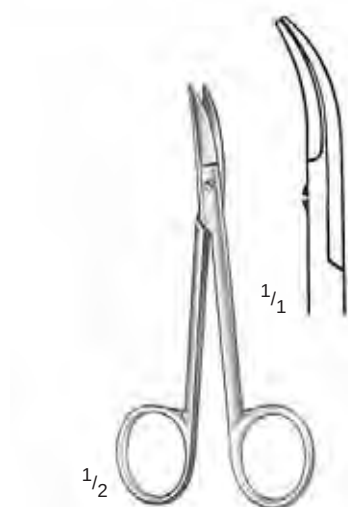
Fine präparier scheren
 Fine Dissecting Scissors
 Tijeras finas para preparaciones
 Ciseaux fins à dissection



Locklin
 16 cm/6 1/4"
 02-3221-16



Locklin
 16 cm/6 1/4"
 02-3223-16



Quinby
 12 cm/4 3/4"
 02-3231-12



Chadwick
 11 cm/4 1/4"
 02-3239-11

قیچی ظریف

Fine präparier scheren

Fine Dissecting Scissors

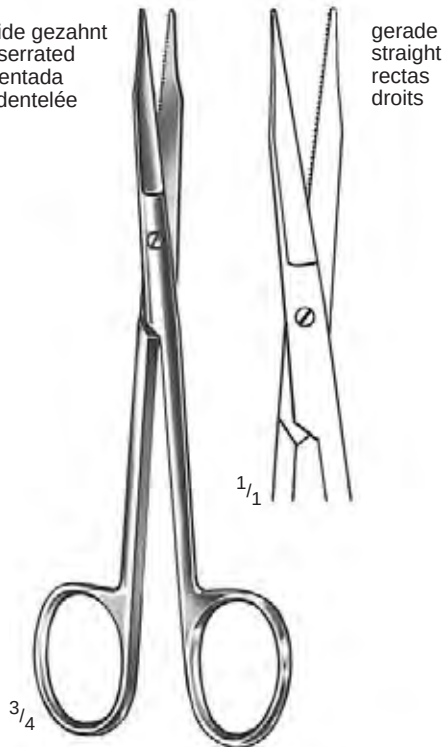
Tijeras finas para preparaciones

Ciseaux fins à dissection



02

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



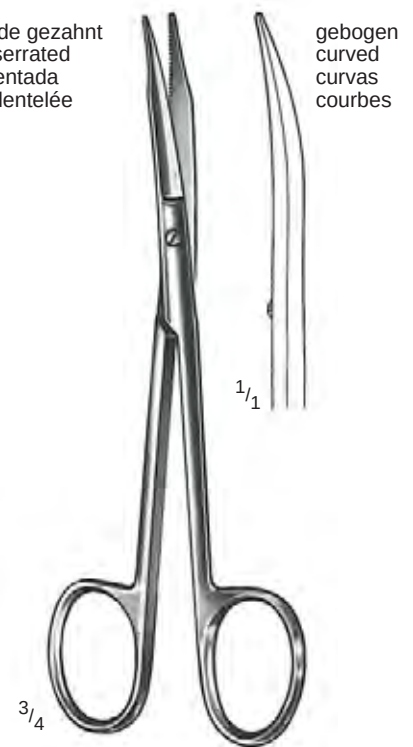
gerade
straight
rectas
droits

Goldmann-Fox

13 cm/5"

02-3250-13

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



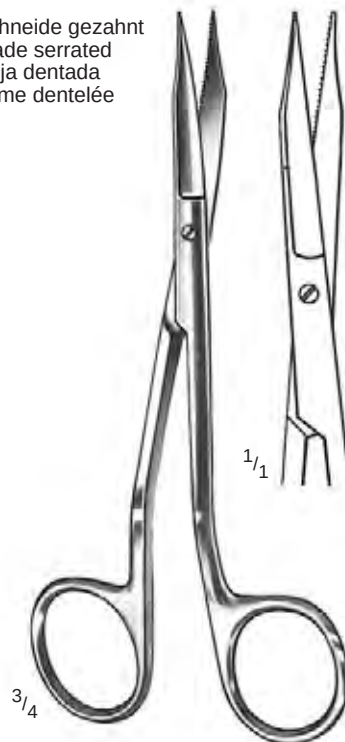
gebogen
curved
curvas
courbes

Goldmann-Fox

13cm/5"

02-3251-13

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

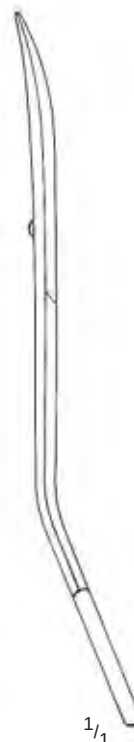


1/1

Goldmann-Fox

13 cm/5"

02-3253-13



1/1

S-gebogen
S-curved
curva forma S
courbes en S

02

Univer®

قیچی ظریف

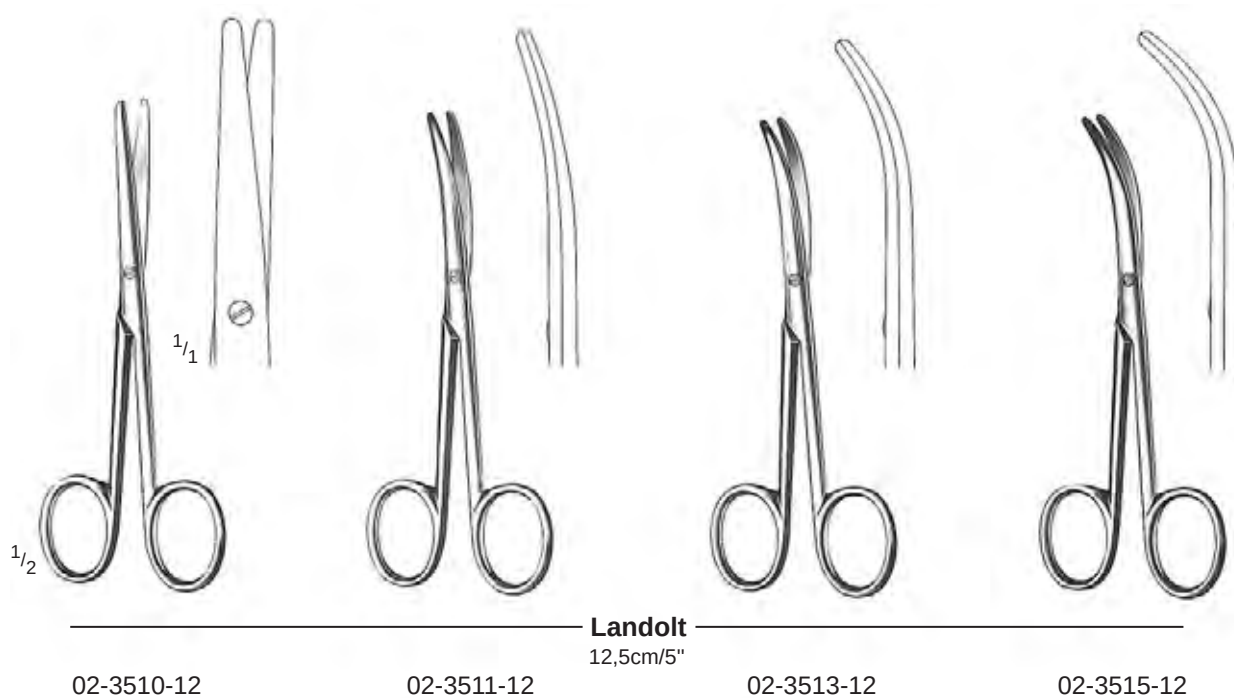
Fine präparier scheren

Fine Dissecting Scissors

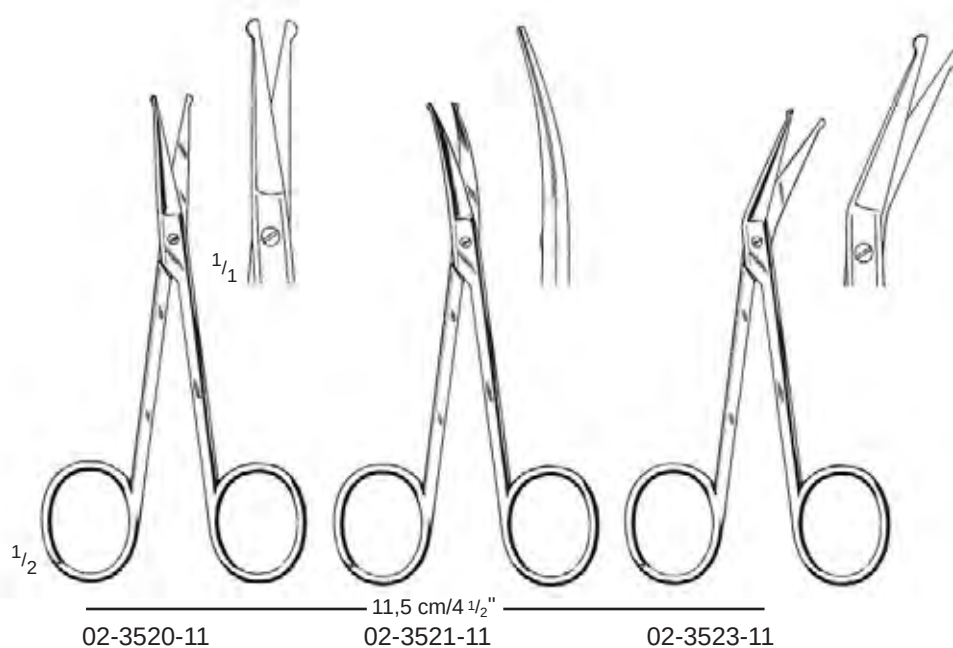
Tijeras finas para preparaciones

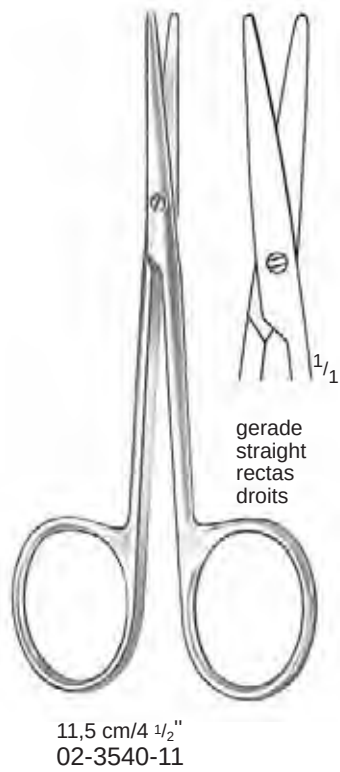
Ciseaux fins à dissection

Enukleationsscheren
 Enucleation Scissors
 Tijeras para enucleación
 Ciseaux à énucléation

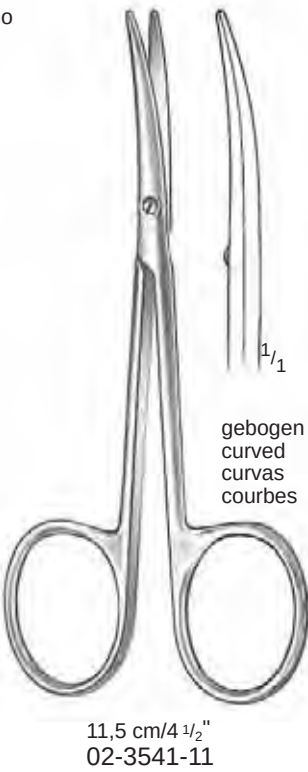


Feine Präparierscheren
 Fine Dissecting Scissors
 Tijeras finas para preparaciones
 Ciseaux fins à dissection

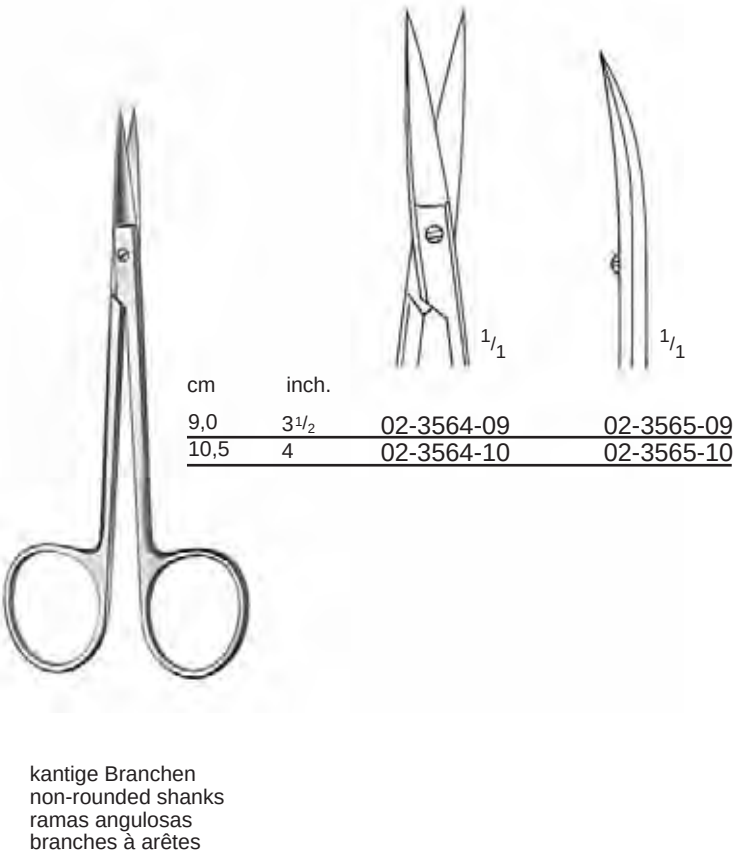
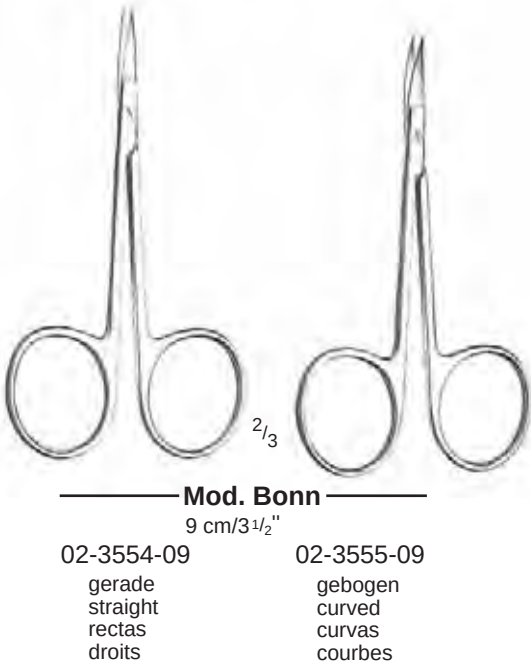




Strabismusscheren
 Strabismus Scissors
 Tijeras para estrabismo
 Ciseaux à strabisme



runde Branchen
rounded shanks
ramas redondas
branches rondes

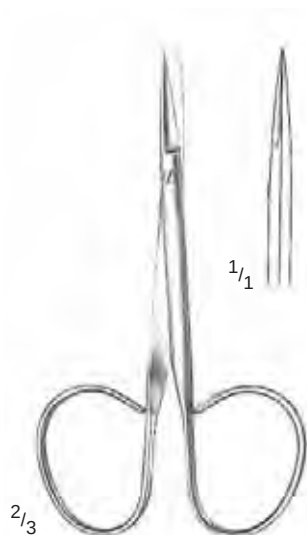


قیچی ظریف

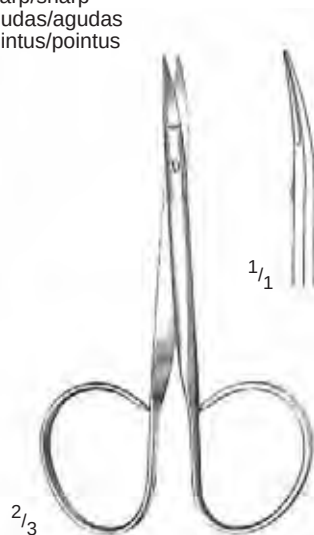
Feine Scheren, flache Branchen, extra große Ringe
 Delicate Scissors, flat shanks, extra large rings
 Tijeras finas, ramas llanas, anillos grandes
 Ciseaux fins, branches plats, anneaux extra larges

spitz/spitz
 sharp/sharp
 agudas/agudas
 pointus/pointus

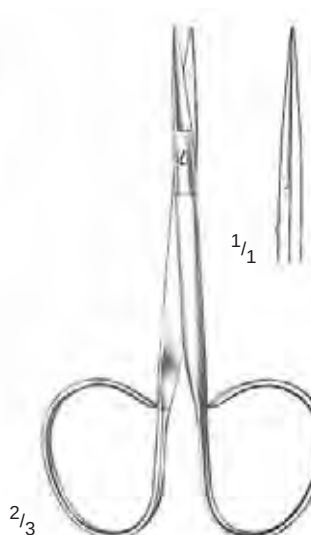
stumpf/stumpf
 blunt/blunt
 romas/romas
 mousses/mousses



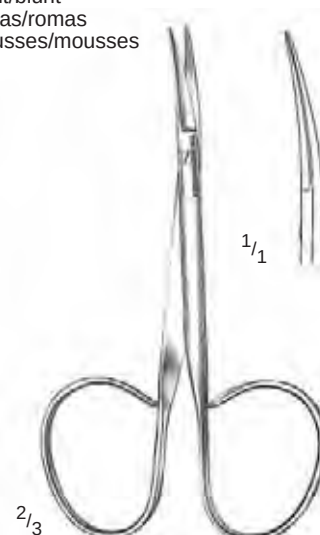
Iris
 9,5 cm/3 3/4"
 02-3574-09



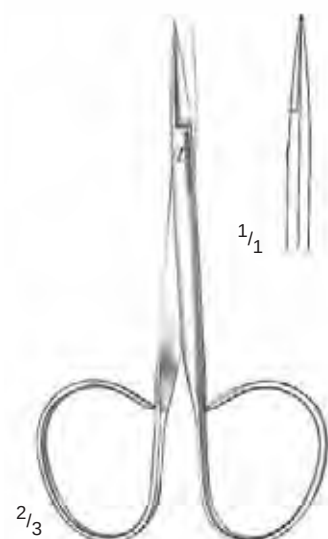
Iris
 9,5 cm/3 3/4"
 02-3575-09



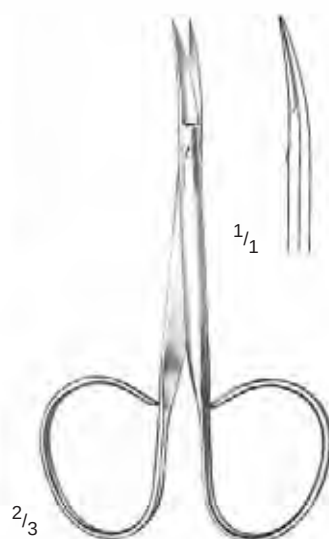
Iris
 10,5 cm/4 1/8"
 02-3572-10



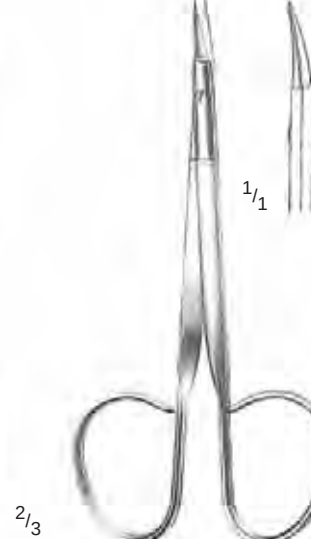
Iris
 10,5 cm/4 1/8"
 02-3573-10



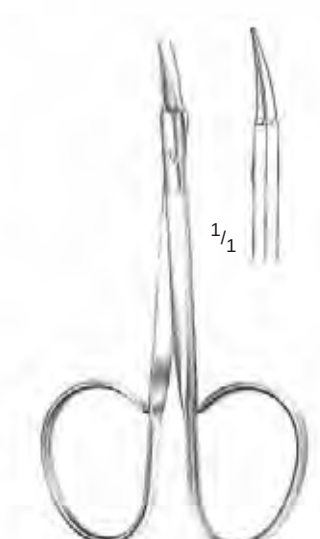
Iris
 10,5 cm/4 1/8"
 02-3574-10



Iris
 10,5 cm/4 1/8"
 02-3575-10



Stitch Removal
 11 cm/4 1/2"
 02-3674-41



Stitch
 10 cm/4"
 02-3651-10

قیچی قفسه سینه (توراکس)
Lungenscheren
Thoracic Scissors
Tijeras torácicas
Ciseaux pulmonaires



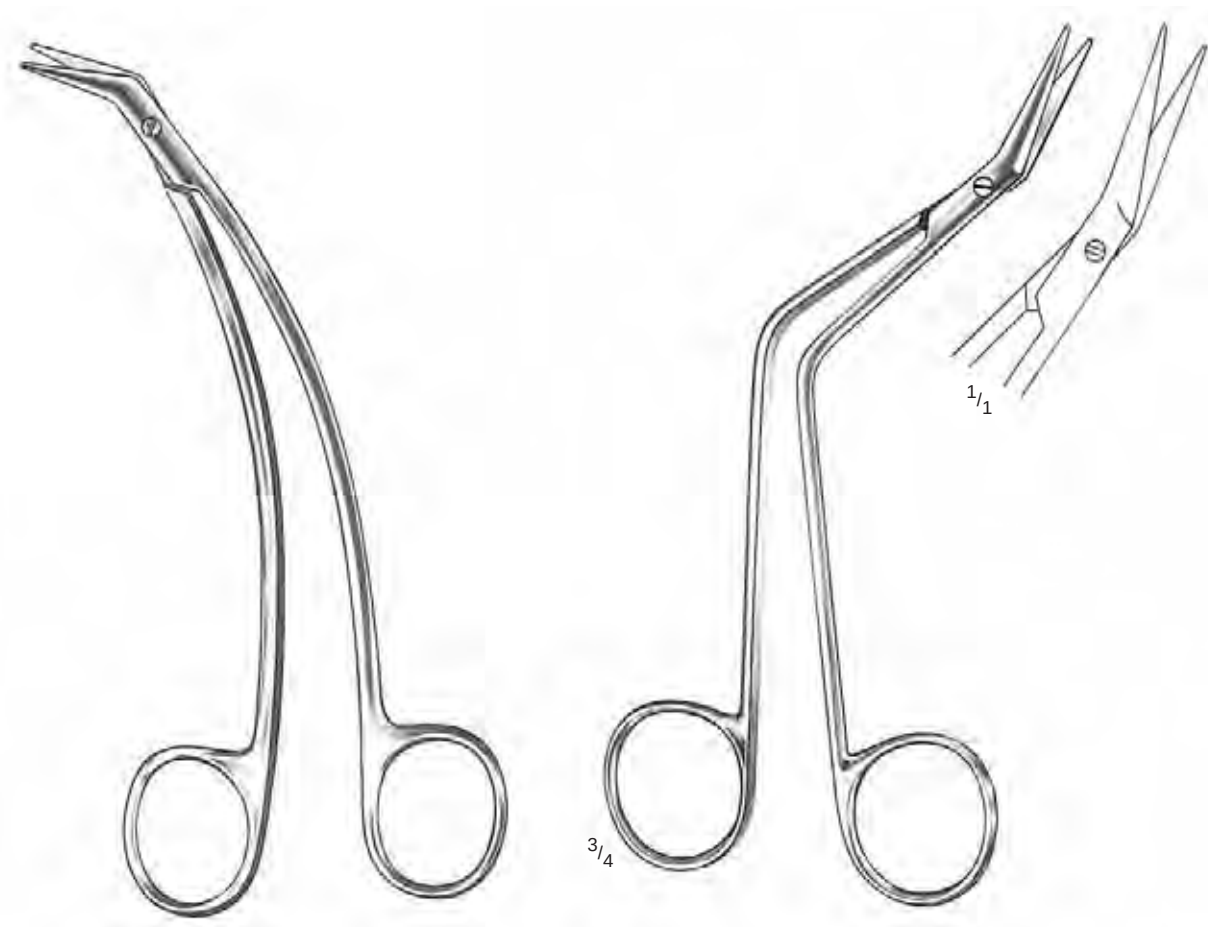
قیچی جراحی عروق

Scheren für Gefäßchirurgie

Scissors for Vascular Surgery

Tijeras para cirugía vascular

Ciseaux pour la chirurgie vasculaire

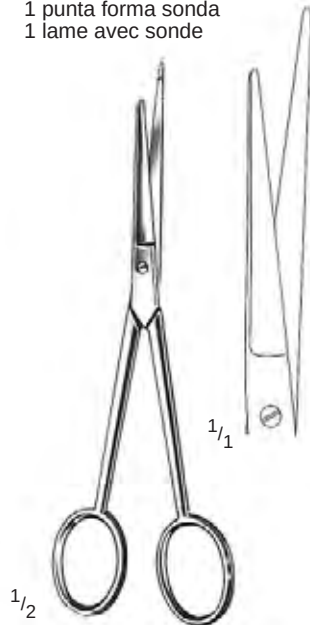
**Favoloro**

cm inch.

17	6 ³ / ₄	60°	02-4211-17
23	9	60°	02-4211-23

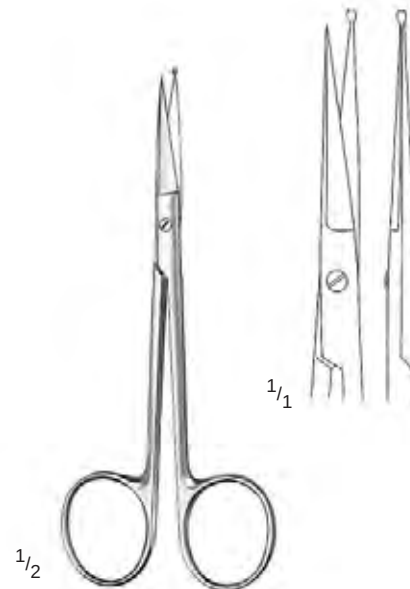
Coronary17 cm/6 ³/₄"
02-4223-17

1 Blatt mit Sondenspitze
1 blade with probe
1 punta forma sonda
1 lame avec sonde



14,5 cm/5 1/2"
02-4250-14

Coronar-Schere
Coronary Scissors
Tijera coronaria
Ciseaux coronaires

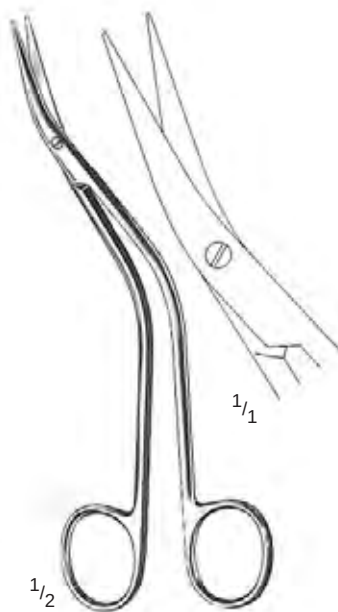


12 cm/4 1/2"
02-4256-12

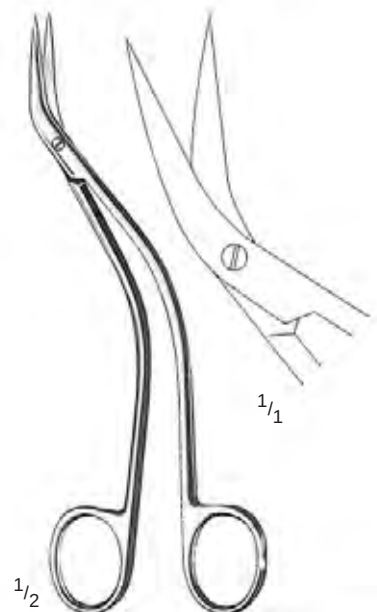
aufgewinkelt
angled on flat
angulada
coudés sur le plat



Potts-Smith (de Martel)
19,5 cm/7 3/4"
02-4265-19



DeBakey
15,5 cm/6"
02-4273-15



DeBakey
15,5 cm/6"
02-4277-15

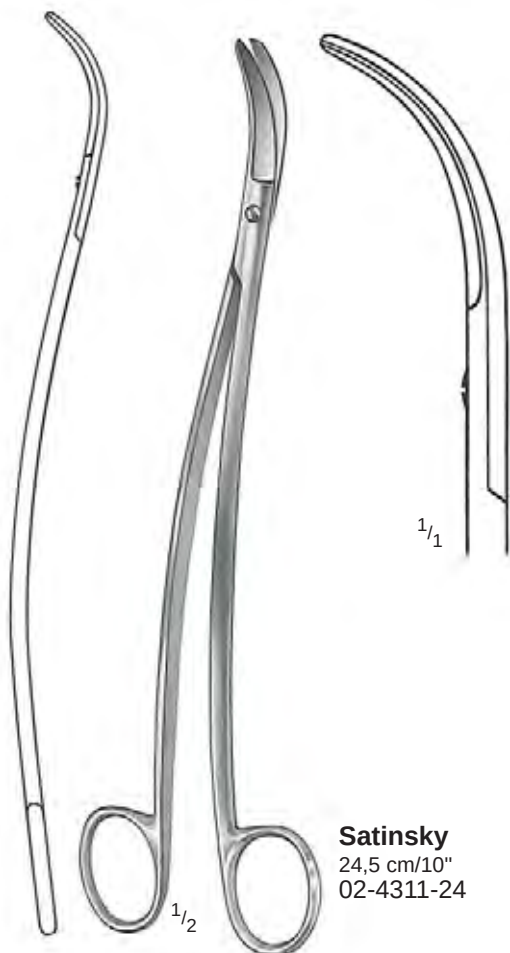
قیچی جراحی عروق

Scheren für Gefäßchirurgie

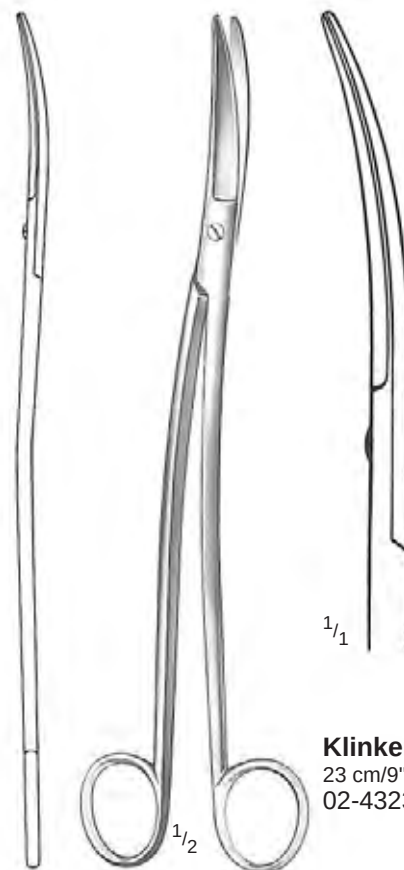
Scissors for Vascular Surgery

Tijeras para cirugía vascular

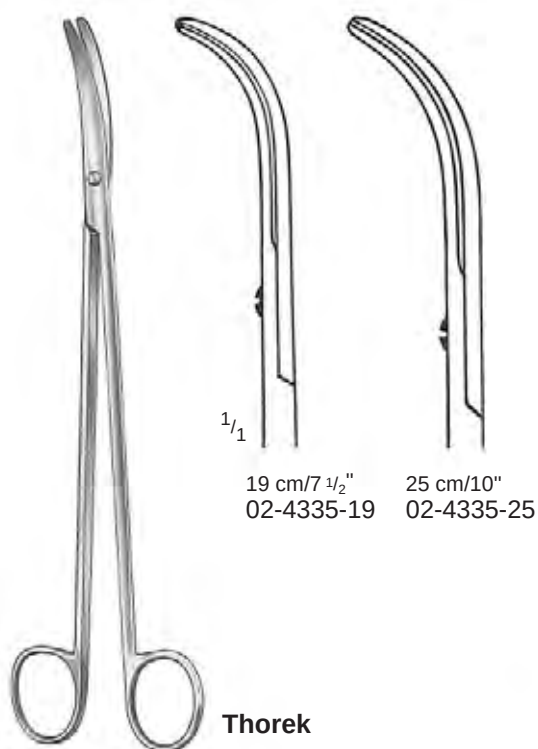
Ciseaux pour la chirurgie vasculaire



Satinsky
24,5 cm/10"
02-4311-24



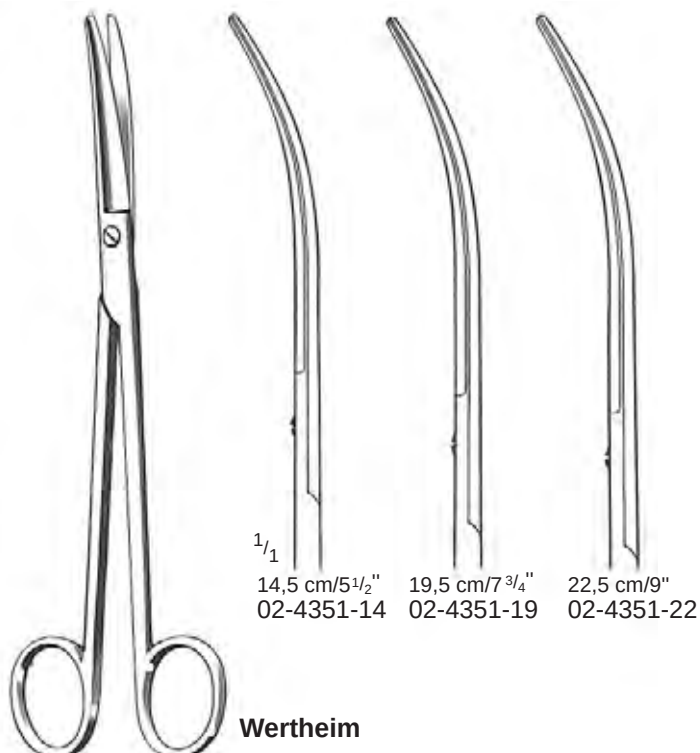
Klinkenbergh-Loth
23 cm/9"
02-4323-23



19 cm/7 1/2"
02-4335-19

25 cm/10"
02-4335-25

Thorek



14,5 cm/5 1/2"
02-4351-14

19,5 cm/7 3/4"
02-4351-19

22,5 cm/9"
02-4351-22

Wertheim



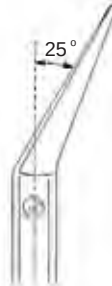
16 cm/6 1/4"
02-4416-25



16 cm/6 1/4"
02-4416-45



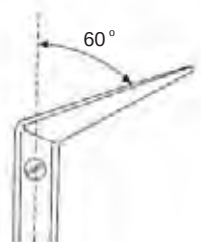
16 cm/6 1/4"
02-4416-60



19 cm/7 1/2"
02-4439-25



19 cm/7 1/2"
02-4439-45



19 cm/7 1/2"
02-4439-60

23cm/9"
02-4423-25

23cm/9"
02-4423-45

23 cm/9"
02-4423-60

28cm/11"
02-4428-25

28cm/11"
02-4428-45

28cm/11"
02-4428-60



DeBakey



Potts-Smith

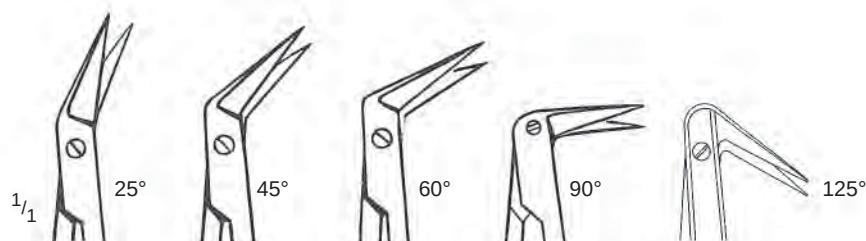
قیچی جراحی عروق

Scheren für Gefäßchirurgie

Scissors for Vascular Surgery

Tijeras para cirugía vascular

Ciseaux pour la chirurgie vasculaire

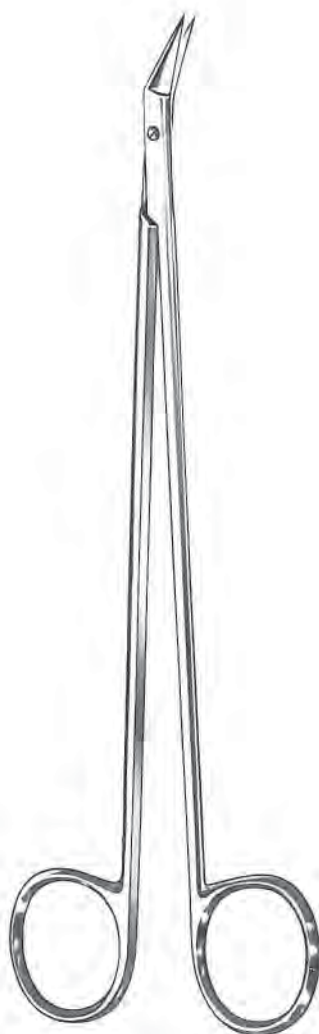


13 cm/5"

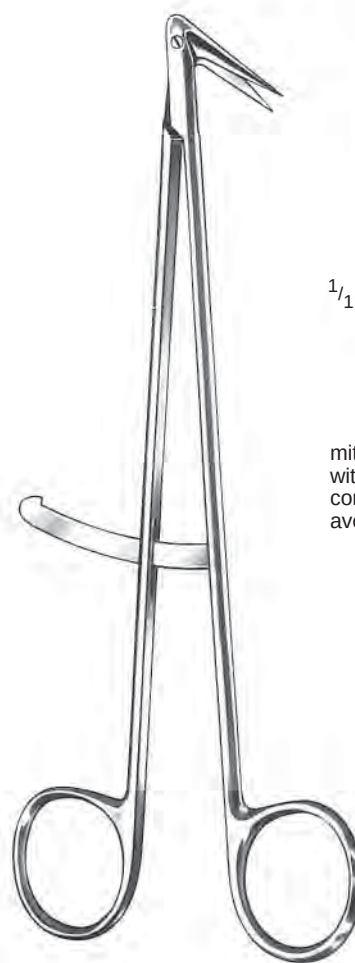
02-4453-25 02-4453-45 02-4453-60 02-4453-90

18cm/7"

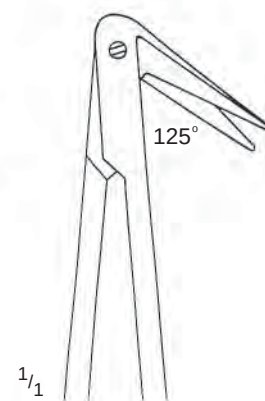
02-4468-25 02-4468-45 02-4468-60 02-4468-90 02-4468-99



Diethrich
02-4453-##
02-4468-##



Diethrich
18 cm/7"
02-4469-99



mit Führungsschiene
with guide bar
con dispositivo de guía
avec dispositif de guidage

قیچی جراحی مغز و اعصاب

Scheren für Neuro- und Gehirnnchirurgie

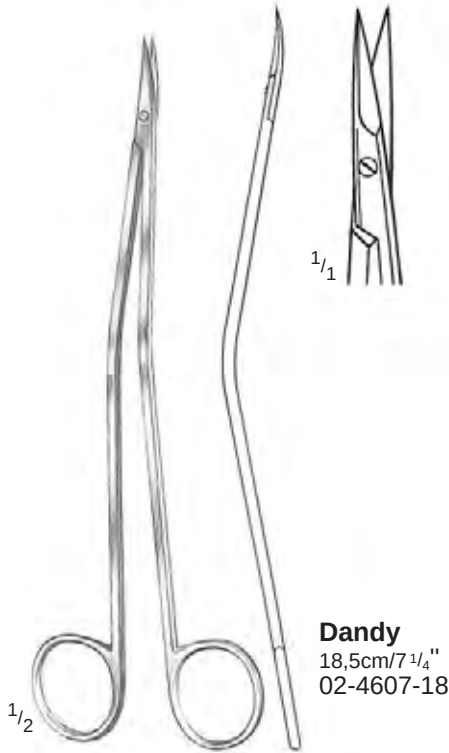
Brain and Neurosurgical Scissors

Tijeras para cirugía cerebral y neurocirugía

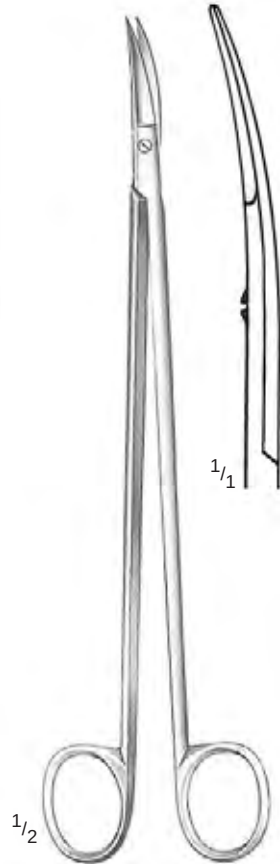
Ciseaux pour chirurgie cérébrale et neurochirurgie



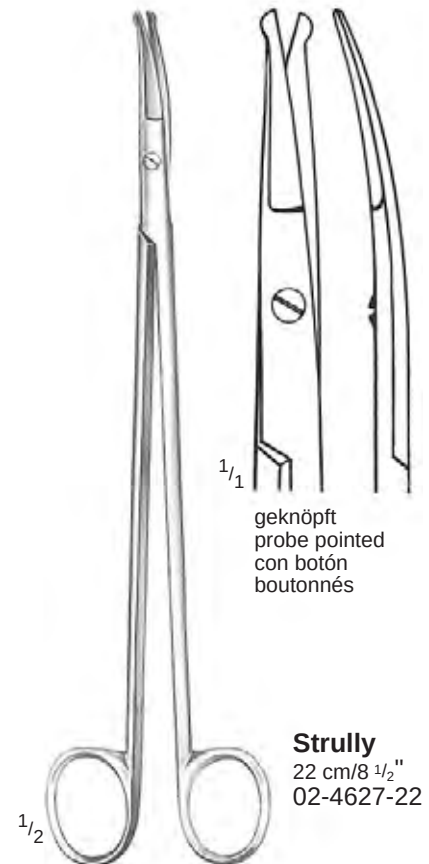
Trigeminus-Schere
Trigeminal Scissors
Tijera para nervio trigémino
Ciseaux pour le nerf trigéminal



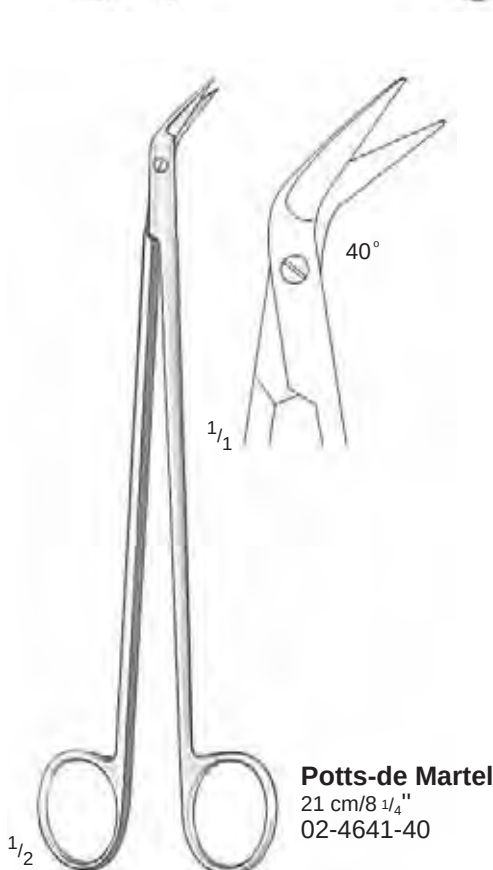
Dandy
18,5cm/7 1/4"
02-4607-18



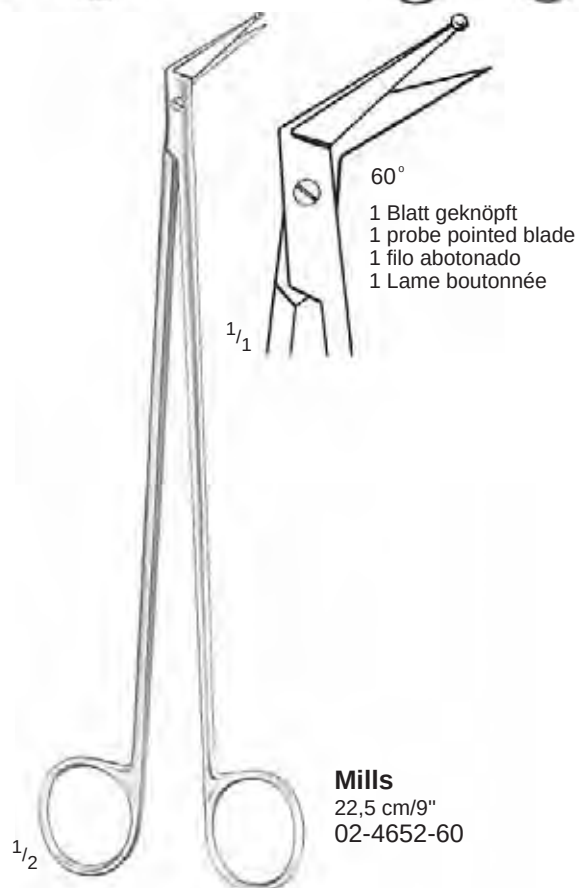
Strully
22 cm/8 1/2"
02-4611-22



Strully
22 cm/8 1/2"
02-4627-22



Potts-de Martel
21 cm/8 1/4"
02-4641-40



Mills
22,5 cm/9"
02-4652-60

قیچی جراحی مغز و اعصاب

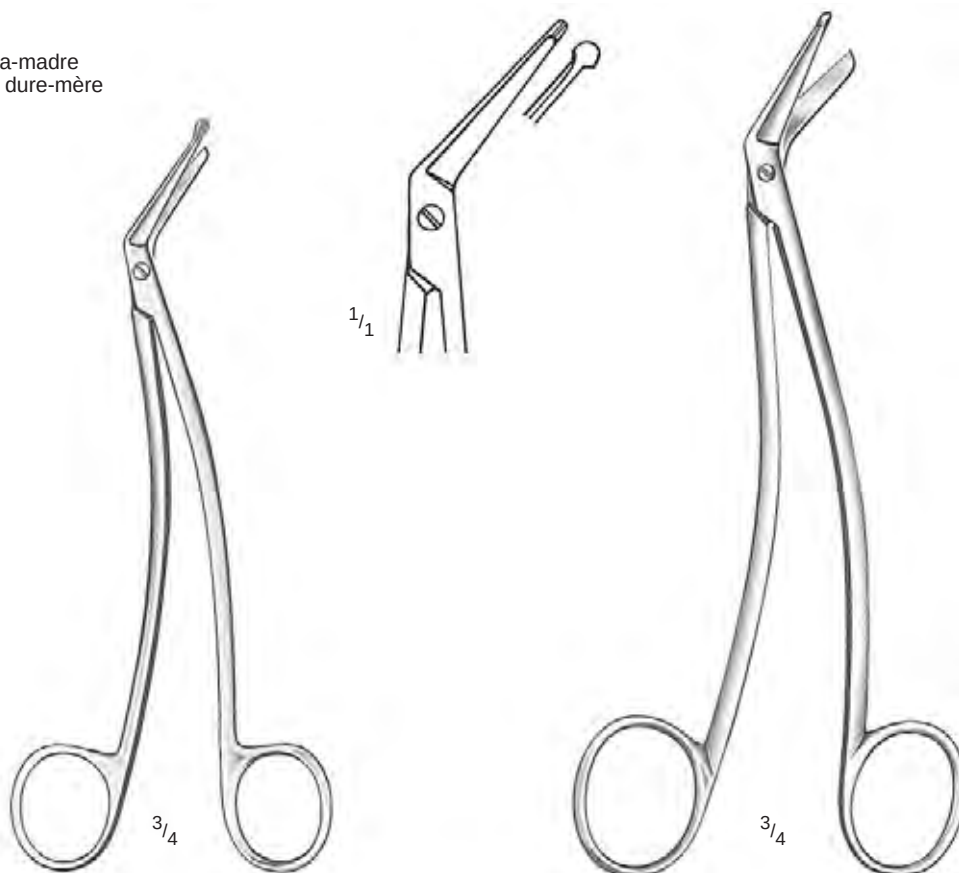
Scheren für Neuro- und Gehirnochirurgie

Brain and Neurosurgical Scissors

Tijeras para cirugía cerebral y neurocirugía

Ciseaux pour chirurgie cérébrale et neurochirurgie

Dura-Scheren
Dura Scissors
Tijeras para dura-madre
Ciseaux pour la dure-mère



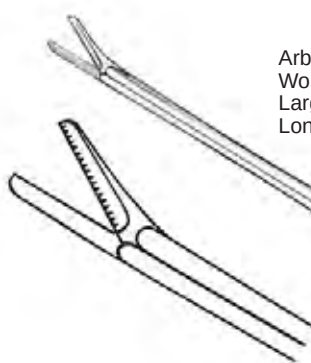
Taylor

14,5 cm/5 1/2"
02-4665-14

Schmieden

17 cm/6 3/4"
02-4669-17

gezahnt
saw edge
dentadas
dentelés



Arbeitslänge: 13 cm/5"
Working length: 13 cm/5"
Largo útil: 13 cm/5"
Longueur utile: 13 cm/5"

Neurochirurgische Schere (auch für Nase)
Neurosurgical Scissors (also nasal)
Tijera para neurocirugía (también para nariz)
Ciseaux pour neurochirurgie (aussi pour le nez)



Olivecrona

21,5 cm/8 1/2"
02-4680-13

قیچی بخیه

Ligaturscheren
Ligature Scissors
Tijeras para ligaduras
Ciseaux à ligatures



02



Spencer

cm inch.

9	3 1/2	02-5010-09
12	4 3/4	02-5010-12

1/2



Shortbent

9 cm/3 1/2"

02-5011-09

1/2



Northbent

12,5 cm/5"

02-5011-12

1/2



11,5 cm/4 1/2"

02-5013-11

1/2



Littauer

14 cm/5 1/2"

02-5020-14



1/2

Heath

15 cm/6"

02-5025-15

1/2

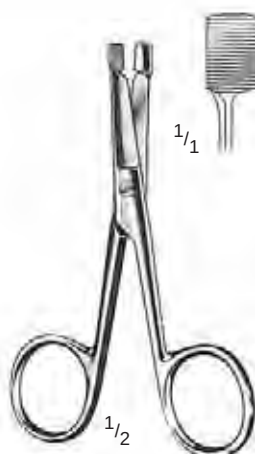


O'Brien

9,5 cm/3 3/4"

02-5031-09

1/1



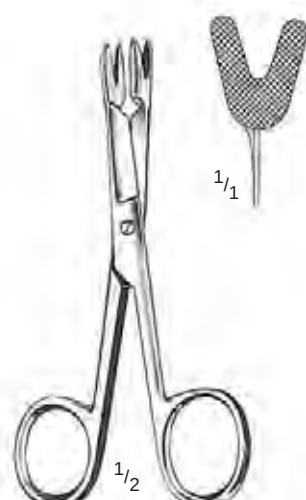
1/2

Eiselsberg

11 cm/4 1/4"

02-5040-11

1/1



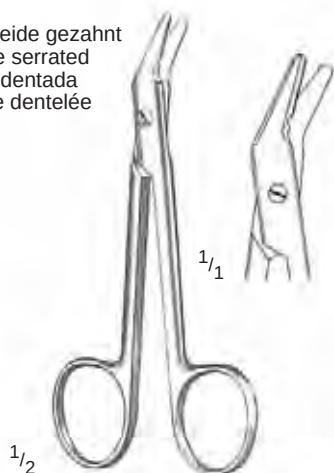
1/2

Schoemaker-Loth

12,5 cm/5"

02-5044-12

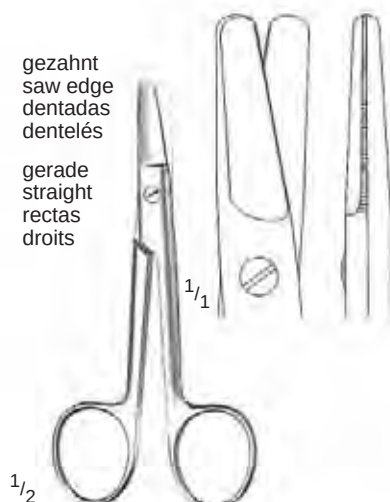
1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



Universal
12 cm/4 3/4"
02-5101-12

gezahnt
saw edge
dentadas
dentelés

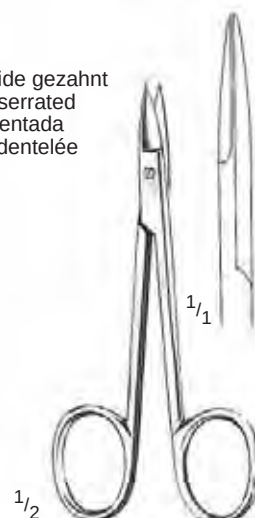
gerade
straight
rectas
droits



Universal
12,5 cm/5"
02-5106-12

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

gerade
straight
rectas
droits



Schuknecht
10 cm/4"
02-5110-10

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

gerade
straight
rectas
droits



Smith
17 cm/6 3/4"
02-5116-17

1/1

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée
02-5130-12

gerade
straight
rectas
droits



Beebe
12 cm/4 3/4"
02-5120-12

spitz
pointed
agudas
pointues

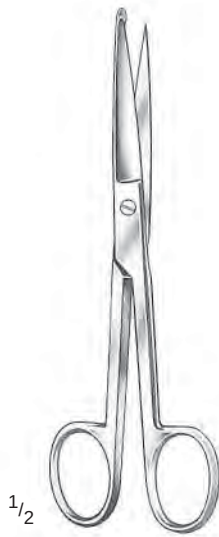
1/1

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée
02-5131-12

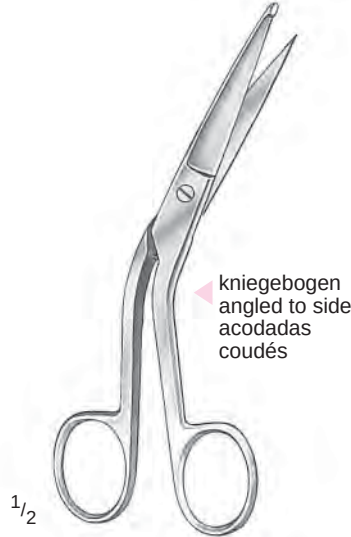
gebogen
curved
curvas
courbes



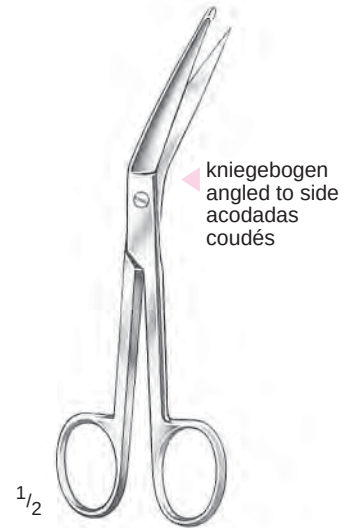
Beebe
12 cm/4 3/4"
02-5121-12



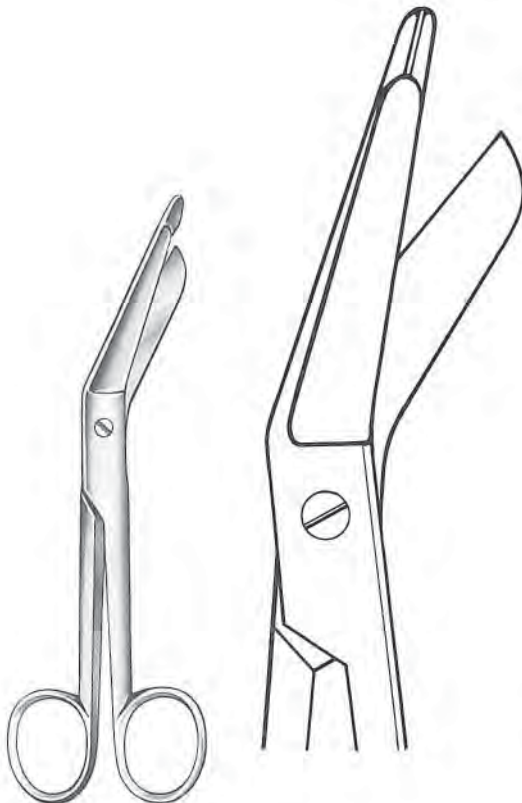
Knowles
14,5 cm/5 1/2"
02-5330-14



Knowles (Hi-Level)
14 cm/5 1/2"
02-5331-14



Knowles (Bantam)
14 cm/5 1/2"
02-5333-14



Lister

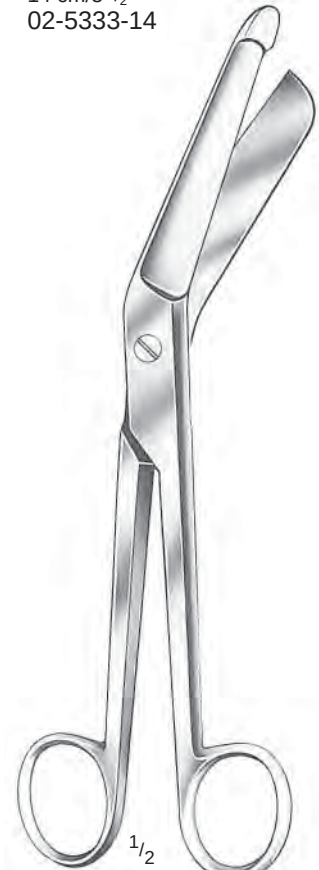
cm	inch.	
9	3 1/2	02-5353-09
11	4 1/2	02-5353-11
14	5 1/2	02-5353-14
18	7	02-5353-18 02-5354-18
20	8	02-5353-20



Esmarch

cm	inch	
20	8	02-5365-20
22	8 3/4	02-5365-22

1 Schneide gezahnt
1 Blade Serrated
1 Hoja dentada
1 Lame dentelée



Bergmann

23cm/9"
02-5369-23

قیچی گچ بر - قیچی پارچه بر

Kleider- und Gipsscheren

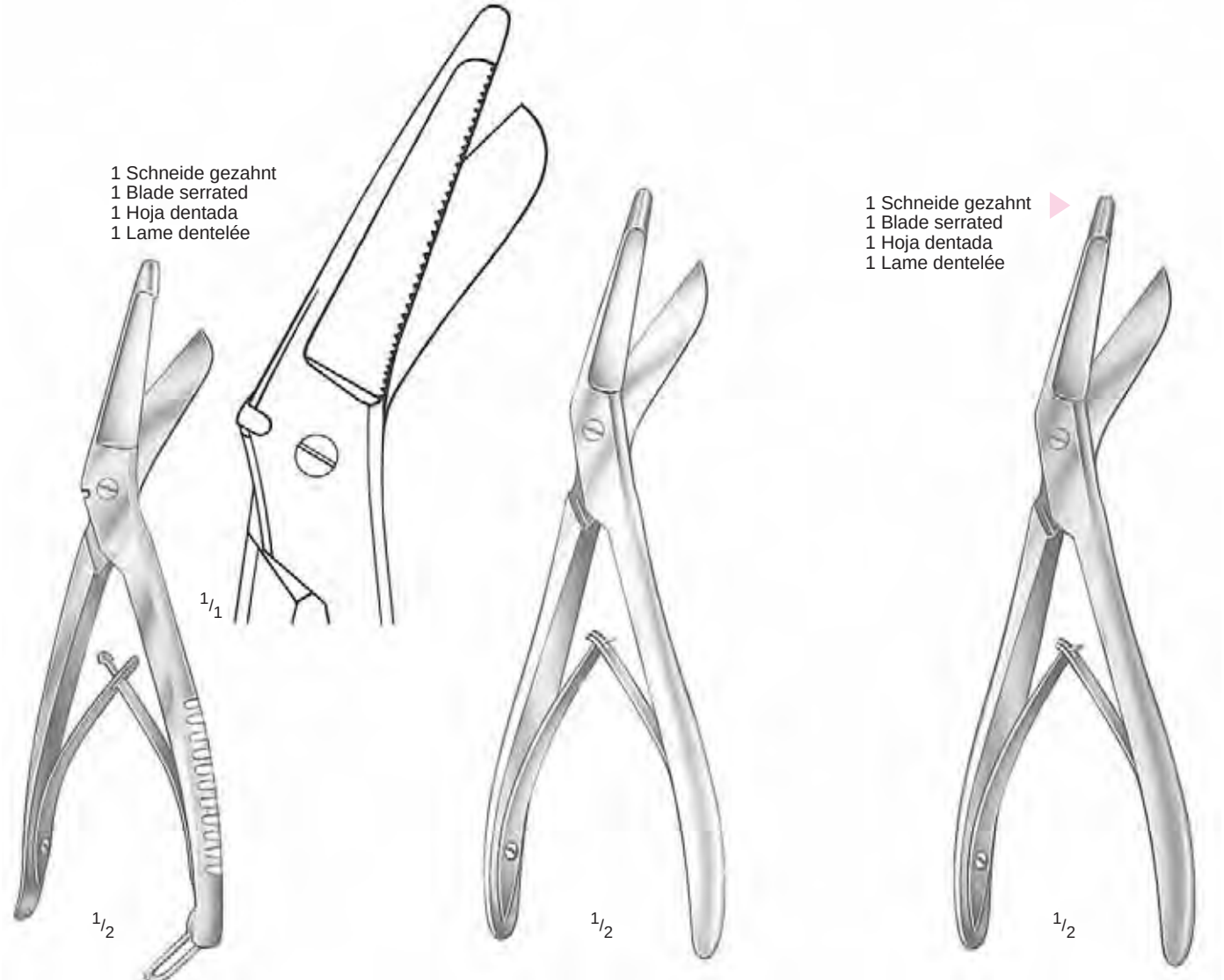
Clothing Scissors, Plaster-of-Paris Shears

Tijeras para vestidos, Cizallas para vendajes enyesados

Cisailles pour pansements et appareils plâtrés

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



20 cm/8"
02-5373-20

Seutin
23 cm/9"
02-5375-23

Seutin
23 cm/9"
02-5377-23

قچی گچ بر

Gipsscheren

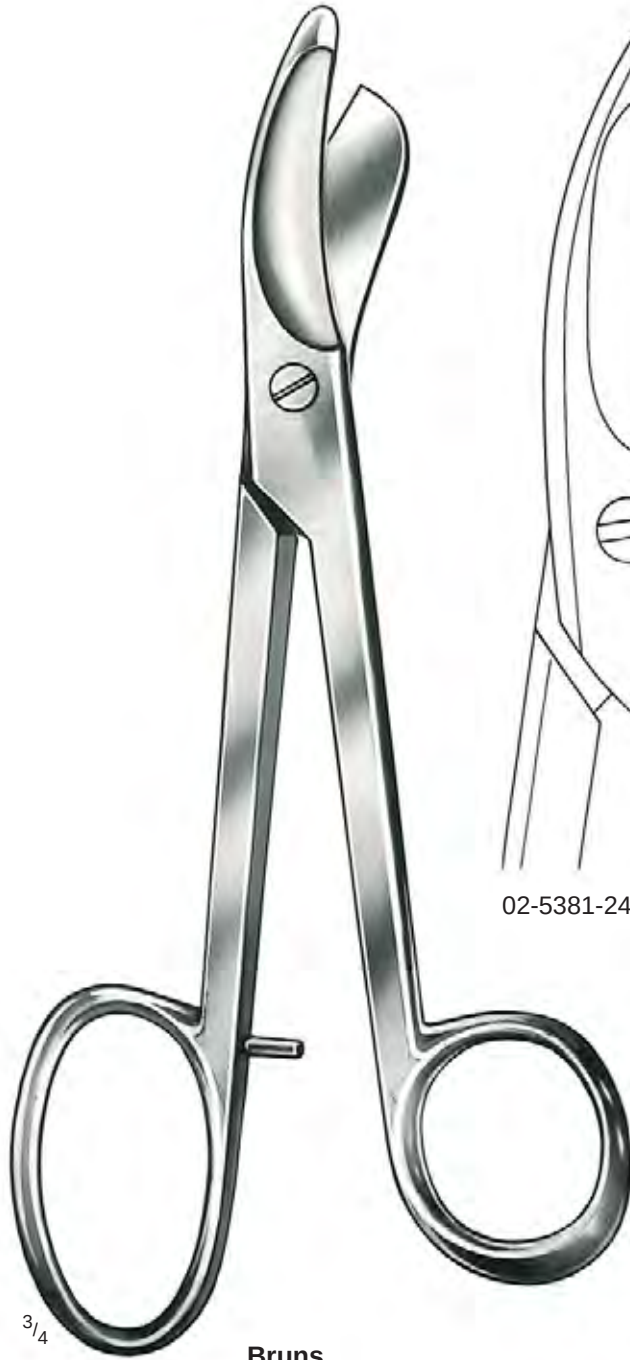
Plaster-of-Paris Shears

Cizallas para vendajes enyesados

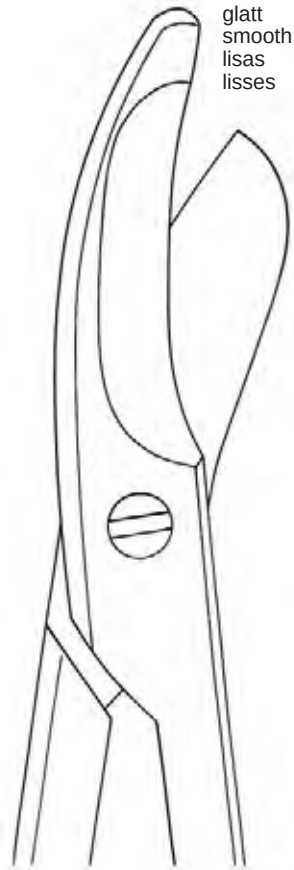
Cisailles pour appareils plâtrés



02

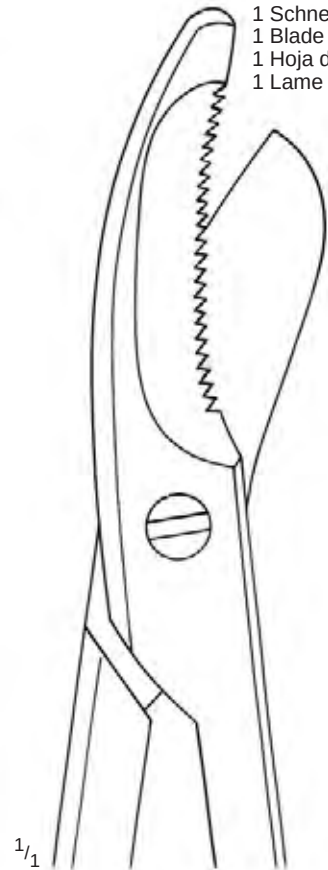


Bruns
24 cm/9½"



glatt
smooth
lisas
lisses

02-5381-24

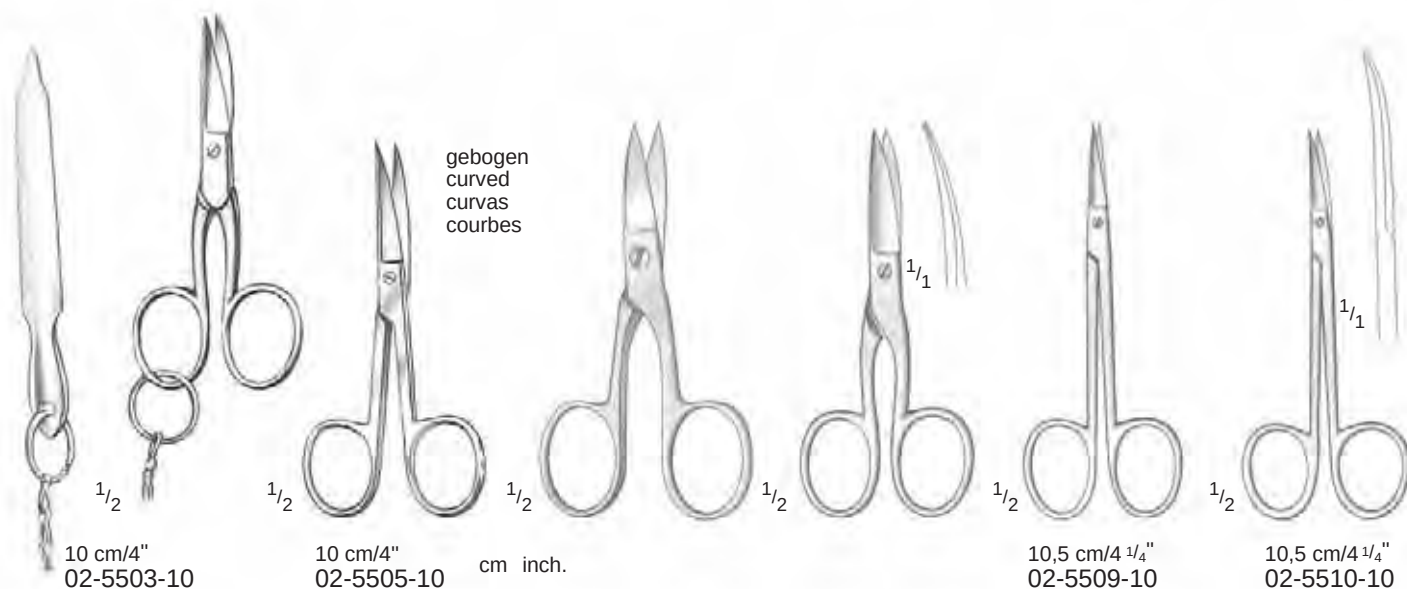


1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

1/1

02-5383-24

Nagelscheren
Nail Scissors
Tijeras para uñas
Ciseaux à ongles



Schwester-garnitur
Hospital Nurse Set
Juego de manicura para enfermeras
Trousse à manicure pour infirmières

9	3 1/2	02-5507-09	02-5508-09
10	4	02-5507-10	02-5508-10
11	4 1/2	02-5507-11	02-5508-11

Kropfsondenschere, ohne Loch
Goitre Enucleation Scissors, without eye
Tijera para bocio, sin ojo
Ciseaux à goitre, sans oeillet

Nagelspaltscheren
Nail Splitting Scissors
Tijeras para hender las uñas
Ciseaux à fendre les ongles



cm	inch.	
13	5	02-5572-13
15	6	02-5572-15

Systrunk
13 cm/5"
02-5584-13

Schoemaker
15 cm/6"
02-0603-15



Darmscheren
Enterotomy Scissors
Tijeras enterótomos
Ciseaux-entérotomes

21 cm/8 1/4"
02-5610-21



21 cm/8 1/4"
02-5614-21



Knochen- und Rippenscheren
Bone- and Rib Shears
Cizallas para huesos y costillas
Costotomes, Cisailles pour os

23 cm/9"
02-5650-23



Plain
23 cm/9"
02-5660-23



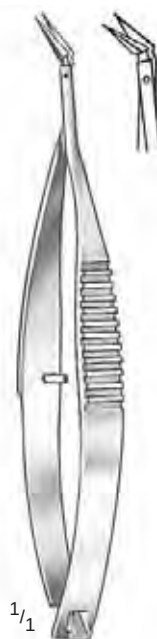
Vannas
8 cm/3 1/8"
02-6008-01

gerade - spitz/spitz
straight - sharp/sharp
rectas - agudas/agudas
droits - pointus/pointus



Vannas
8 cm/3 1/8"
02-6008-02

gebogen - spitz/spitz
curved - sharp/sharp
curvas - agudas/agudas
courbes - pointus/pointus



Vannas
8 cm/3 1/8"
02-6008-03

aufgewinkelt - spitz/spitz
angled on flat - sharp/sharp
acodadas - agudas/agudas
angulaires - pointus/pointus



Vannas
8 cm/3 1/8"
02-6008-04

kniegebogen - spitz/spitz
angled to side - sharp/sharp
acodadas - agudas/agudas
coudés - pointus/pointus



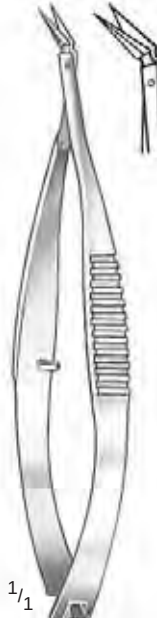
**Vannas
Mod. Tübingen**
8 cm/3 1/8"
02-6018-01

gerade - spitz/spitz
straight - sharp/sharp
rectas - agudas/agudas
droits - pointus/pointus



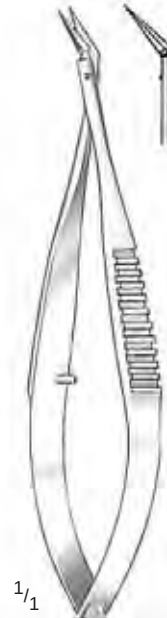
**Vannas
Mod. Tübingen**
8 cm/3 1/8"
02-6018-02

gebogen - spitz/spitz
curved - sharp/sharp
curvas - agudas/agudas
courbes - pointus/pointus



**Vannas
Mod. Tübingen**
8 cm/3 1/8"
02-6018-03

aufgewinkelt - spitz/spitz
angled on flat - sharp/sharp
acodadas - agudas/agudas
angulaires - pointus/pointus



**Vannas
Mod. Tübingen**
8 cm/3 1/8"
02-6018-04

kniegebogen - spitz/spitz
angled to side - sharp/sharp
acodadas - agudas/agudas
coudés - pointus/pointus

قیچی میکروسرجری

Mikro-Scheren
Micro Scissors
Micro-Tijeras
Micro-Ciseaux

Scheren für die vordere Synechie
Anterior Synechia Scissors
Tijeras para sinequia anterior
Ciseaux pour la synéchie antérieure



Castroviejo
10 cm/4"
02-6051-10

Mikroschere, starke
Biegung - stumpf/stumpf
Micro Scissors, strongly
curved - blunt/blunt
Microtijera, curvatura
fuerte - romas/romas
Microciseaux, fortement
courbes - mousses/mousses



Micro
10 cm/4"

1/1

gerade - spitz/spitz
straight - sharp/sharp
rectas - agudas/agudas
droits - pointus/pointus

02-6060-10

02-6060-16

1/1

gebogen - stumpf/stumpf
curved - blunt/blunt
curvas - romas/romas
courbes - mousses/mousses

10 cm/4"
02-6061-10

16 cm/6 1/4"
02-6061-16

1/1

gebogen - spitz/spitz
curved - sharp/sharp
curvas - agudas/agudas
courbes - pointus/pointus

02-6063-10

02-6063-16



Castroviejo
11 cm/4 1/2"
02-6071-11

1/1

Scheren für die vordere
Synechie, aufgewinkelt
- stumpf/stumpf
Anterior Synechia Scissors,
angled on flat - blunt/blunt
Tijeras para sinequia
anterior, acodadas - romas/romas
Ciseaux pour la synéchie
antérieure, angulaires
- mousses/mousses



Troutman-Castroviejo
10 cm/4"
02-6075-10

قیچی تناتومی

Sehnenscheren
Tenotomy Scissors
Tijeras para tenotomía
Ciseaux à ténatomie



gebogen
curved
curvas
courbes

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

spitz/spitz
sharp/sharp
agudas/agudas
pointus/pointus

02-6113-12



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

stumpf/stumpf
blunt/blunt
romas/romas
mousses/mousses

02-6115-12

Westcott
12 cm/4³/₄"



stumpf/stumpf
blunt/blunt
romas/romas
mousses/mousses

1/1

McPherson-Westcott
10 cm/4"
02-6121-10

gebogen
curved
curvas
courbes



spitz/spitz
sharp/sharp
agudas/agudas
pointus/pointus

1/1

McPherson-Westcott
10 cm/4"
02-6123-10

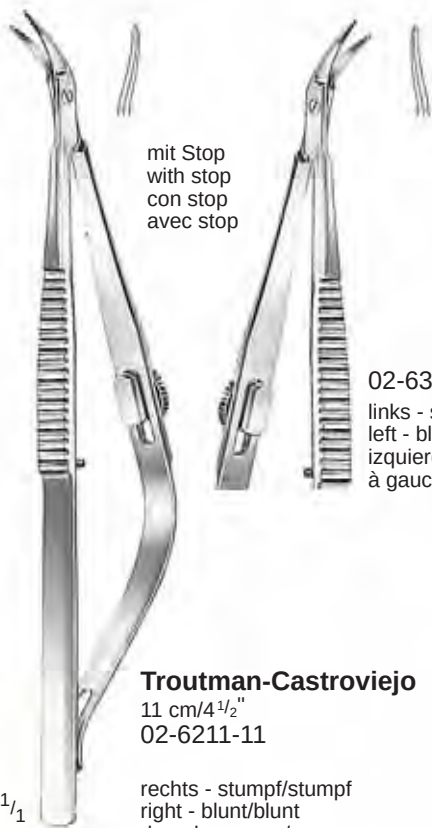


Troutman
10 cm/4"
02-6201-10

rechts - stumpf/stumpf
right - blunt/blunt
derecha-romas/romas
à droite - mousses/mousses



02-6203-10
links - stumpf/stumpf
left - blunt/blunt
izquierda- romas/romas
à gauche - mousses/mousses



Troutman-Castroviejo
11 cm/4 1/2"
02-6211-11

rechts - stumpf/stumpf
right - blunt/blunt
derecha-romas/romas
à droite - mousses/mousses



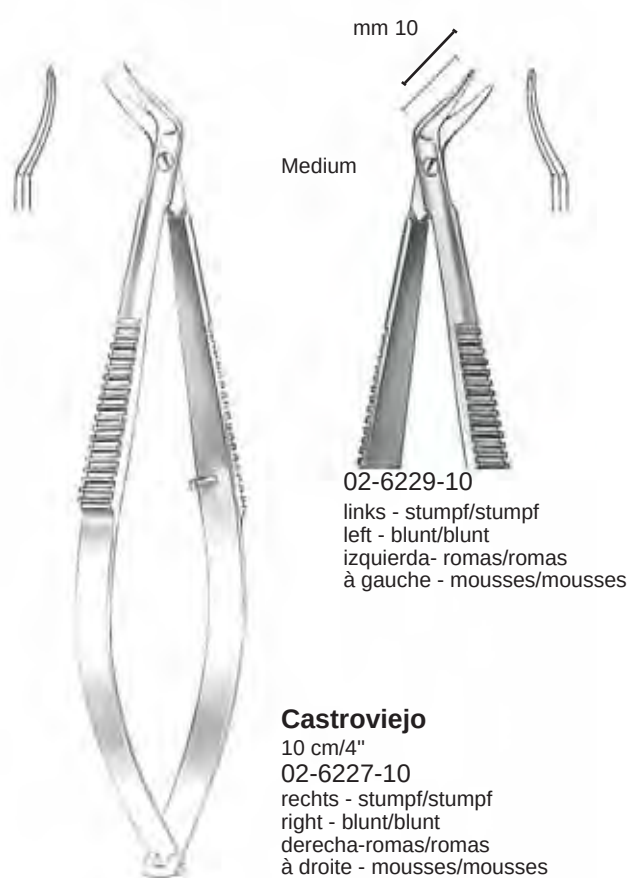
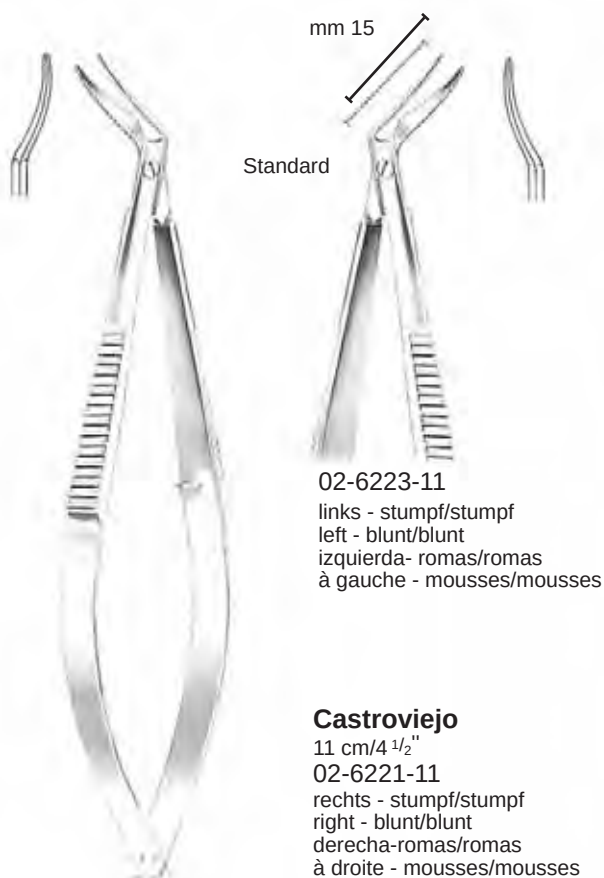
02-6313-11
links - stumpf/stumpf
left - blunt/blunt
izquierda- romas/romas
à gauche - mousses/mousses

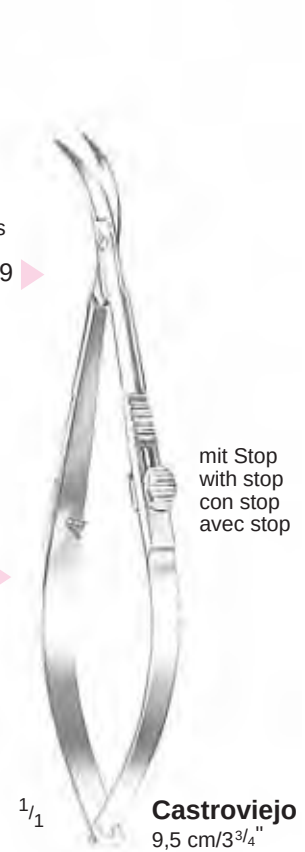
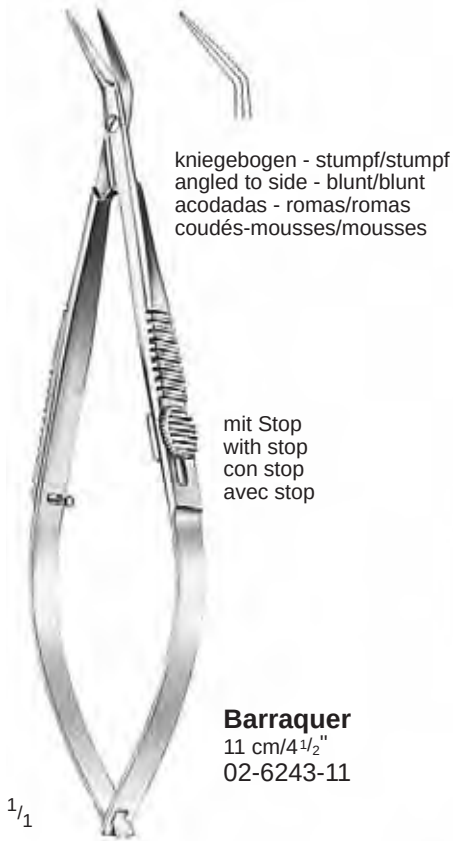
Keratoplastikschere
Keratoplastic Scissors
Pinza-tijera para queratoplástica
Pince-ciseaux pour kératoplastie

kniegebogen - stumpf/stumpf
angled to side - blunt/blunt
acodadas - romas/romas
coudés - mousses/mousses



Castroviejo
9 cm/3 1/2" 02-6217-09
11,5 cm/4 1/2" 02-6217-11





قیچی کراتومی قرنیه

Keratomieschere
Keratomy Scissors
Tijera para queratomía
Ciseaux à kératomie

قیچی عنیبیه

Iridektomiescheren
Iridectomy Scissors
Tijeras para iridectomía
Ciseaux à iridectomie

Keratomieschere, aufge-
winkelt - stumpf/stumpf
Keratomy Scissors, angled
on flat - blunt/blunt
Tijera para queratomía,
acodadas - romas/romas
Ciseaux à kératomie,
angulaires - mousses/mousses



1/1

Aebli
10 cm/4"
02-6355-10

Iridektomiescheren, Iridectomy Scissors, Pinzas-tijeras para iridectomía, Pincas-ciseaux à iridectomie

gerade
straight
rectas
droits



02-6410-10
stumpf/stumpf
blunt/blunt
romas/romas
mousses/mousses



02-6420-10
spitz/stumpf
sharp/blunt
agudas/romas
pointus/mousses



02-6430-10
spitz/spitz
sharp/sharp
agudas/agudas
pointus/pointus

gebogen
curved
curvas
courbes



02-6411-10
stumpf/stumpf
blunt/blunt
romas/romas
mousses/mousses



02-6431-10
spitz/spitz
sharp/sharp
agudas/agudas
pointus/pointus

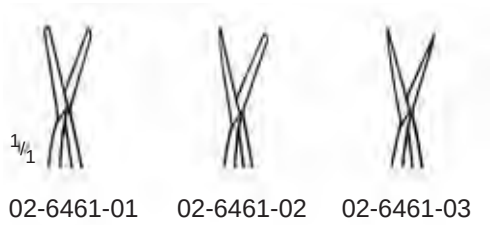


1/1

leichtes Modell - spitz/spitz
light pattern - sharp/sharp
modelo ligero - agudas/agudas
modèle léger - pointus/pointus

Noyes
11 cm/4³/₈"
02-6440-10

1/1



Wecker
11 cm/4 1/2"

Blattlänge
length of blade
largo de la hoja
longueur de la lame



Barraquer
5,5 cm/2 1/4"

قیچی میکرو فنری

Mikro-Federscheren
Micro Scissors, spring-action
Microtijeras con resorte
Microciseaux à ressort

Gesamtlänge
 Total Length
 Largo total
 Longueur totale

1/1



Schneiden gezahnt
 Toothed Blades
 Hojas dentadas
 Lames dentelées



45°

12 cm/4 3/4"
 16 cm/6 1/4"

02-6512-00
 02-6516-00

02-6512-01
 02-6516-01

Millesi

02-6516-02

Millesi

02-6516-03

Yasargil

18,5 cm/7 1/4"

02-6518-20

Jacobson

02-6518-21

Potts-Yasargil

02-6518-65

Gesamtlänge
 Total Length
 Largo total
 Longueur totale

1/1



Venenschere
 Vein scissors
 Tijeras para venas
 Ciseaux à veines

Vannas

12 cm/4 3/4"
 16 cm/6 1/4"

02-6512-80
 02-6516-80

Vannas

02-6512-81
 02-6516-81

Vannas

02-6512-85

Biemer

02-6513-19
 13 cm/5"



1/1

16 cm/6 1/4"

قېچى مىكروفنرى (بايوتتى)

Mikro-Federscheren

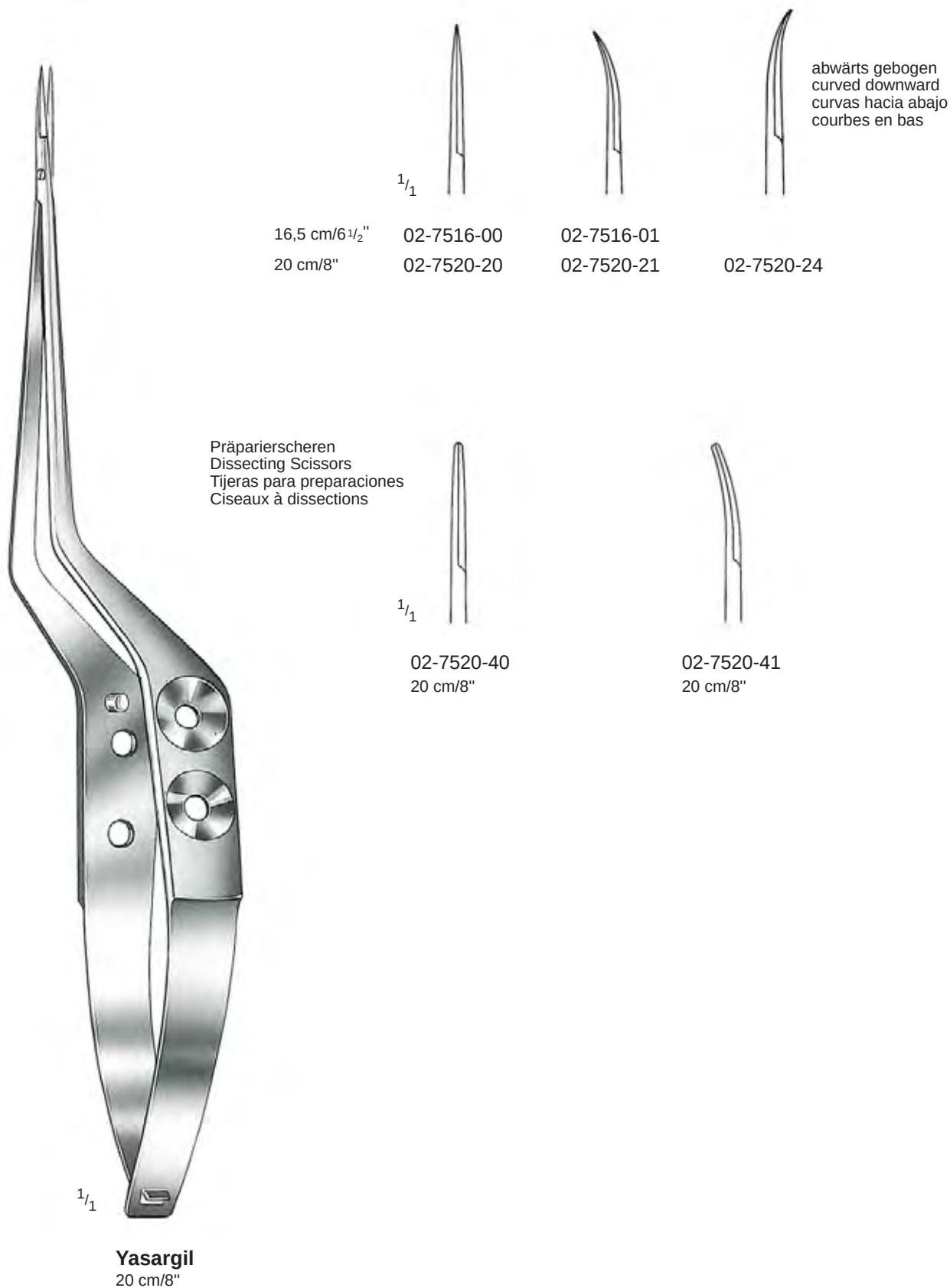
MikroScissors, spring-action

Microtijeras con resorte

Microciseaux à ressort



02





قیچی میکرو فنری (بایوتتی)

Mikro-Federschere

Micro Scissors, spring-action

Microtijeras con resorte

Microciseaux à ressort



1/1

20 cm/8"
kniegebogen
angled on edge
acodadas al lado
coudée latéralement

45°

1/1

Nagel

02-7520-25

45°

1/1

02-7520-29

125°

1/1

02-7520-99

1 Blatt geknöpft
1 probe pointed blade
1 filo abotonado
1 lame boutonnée

قیچی میکرو فنری (بایوتتی)

Mikro-Federschere

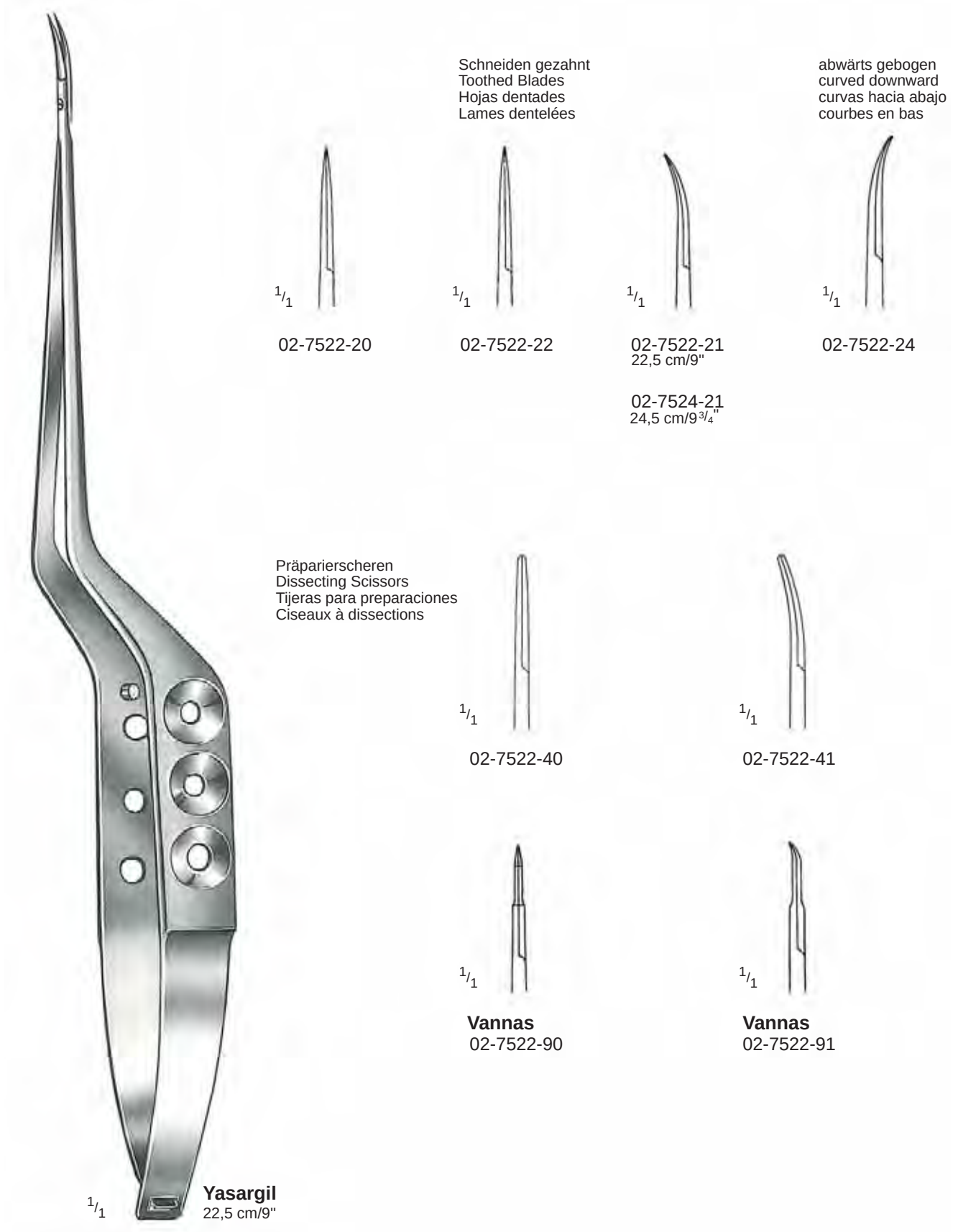
Micro Scissors, spring-action

Microtijeras con resorte

Microciseaux à ressort



02



قیچی میکرو فنری

Mikro-Federschere mit Rundgriff

Micro Scissors, spring-action, with round handles

Microtijeras con resorte, mangos rotatorios

Microciseaux à ressort, manches rotatifs



18 cm/7"

spitz
pointed
agudas
pointuskurze Schneiden
short blades
hojas cortas
lames courteslange Schneiden
long blades
hojas largas
lames longues

60°

cm/inch.

15 cm/6"

02-7815-00

02-7815-01

18 cm/7"

02-7818-00

02-7818-01

02-7818-20

02-7818-21

02-7818-60

21 cm/8 1/4"

02-7821-00

02-7821-01

23 cm/9"

02-7823-00

02-7823-01

قیچی پاتس فنری میکرو

Mikro-Federschere mit Rundgriff

Micro Scissors, spring-action, with round handles

Microtijeras con resorte, mangos rotatorios

Microciseaux à ressort, manches rotatifs

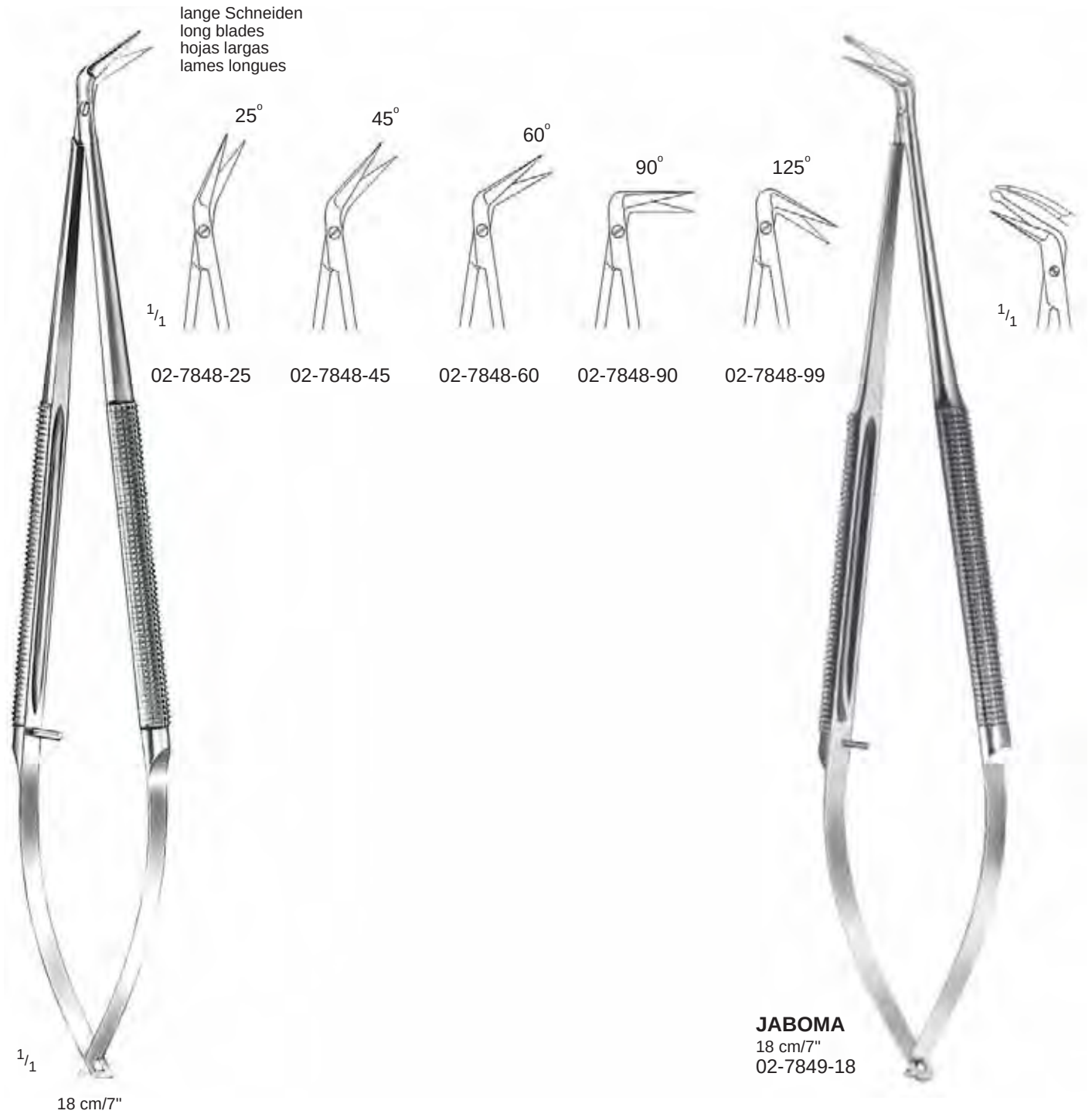


Gefäß- und Sehnenscheren

Vascular and Tenotomy Scissors

Tijeras vasculares y para tenotomía

Ciseaux vasculaires et à ténatomie





25°

02-7852-25



25°

02-7854-25



02-7948-00



02-7852-45



02-7854-45



02-7948-01



60°

02-7852-60



60°

02-7854-60

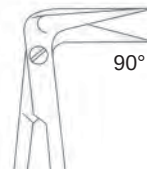


02-7948-02



90°

02-7852-90

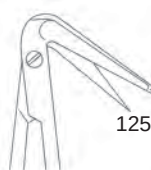


90°

02-7854-90



02-7948-03



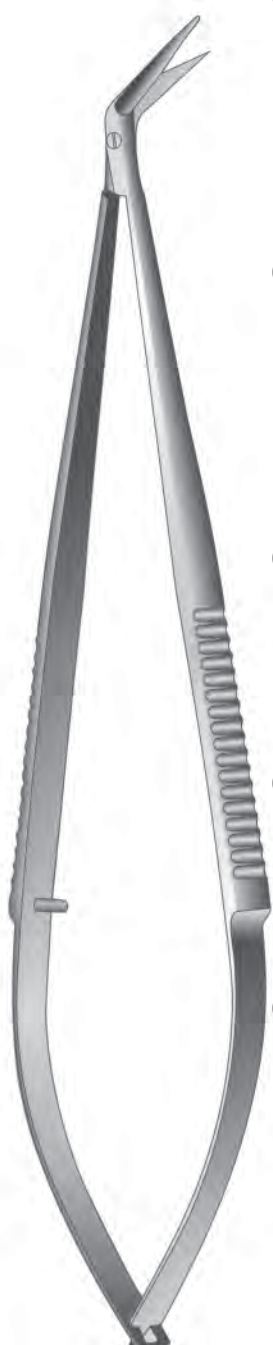
125°

02-7852-99

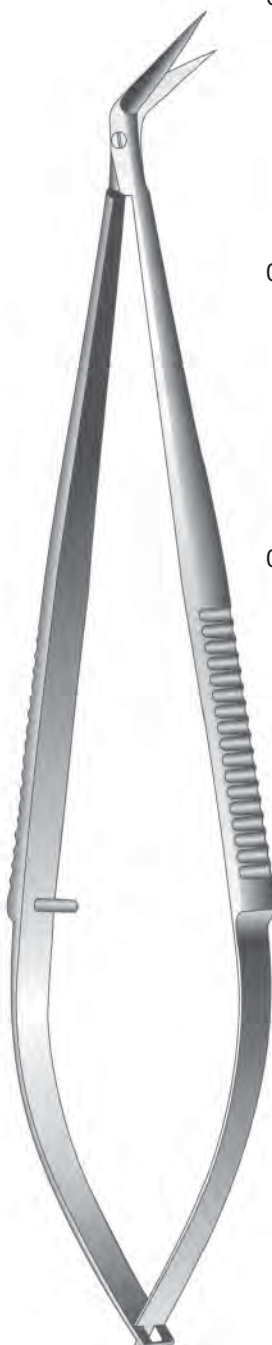


125°

02-7854-99



18 cm/7"



18 cm/7"

18,5 cm/7¹/₄"

قیچی میکرو فنری

Mikro-Federschere

Micro Scissors, spring-action

Microtijeras con resorte

Micro ciseaux à ressort



14 cm/5½"
02-7949-14



16 cm/6¼"
02-7949-16



02-7953-18
Straight



02-7954-18
Curved



02-7955-18
Angled



15,5 cm/6"
02-7950-16



1 Blade saw edge
15,5 cm/6"
02-7951-16



14 cm/5½"
02-7957-14



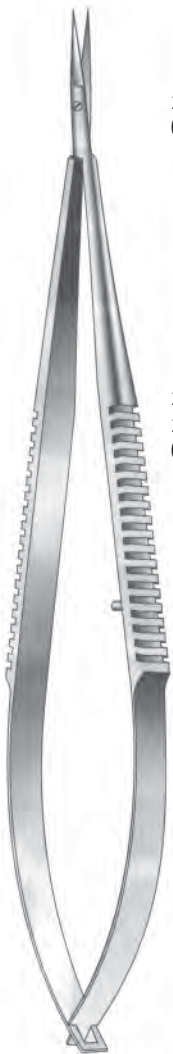
16 cm/6¼"
02-7957-16



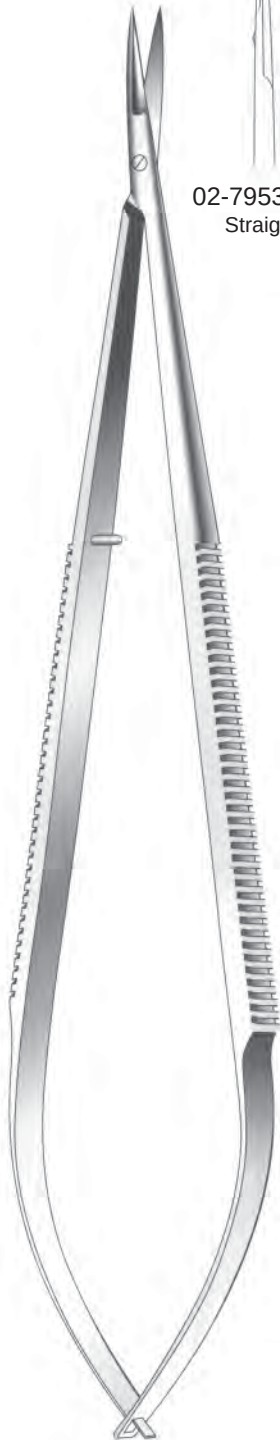
14 cm/5½"
02-7958-14



16 cm/6¼"
02-7958-16



Reill



18,5 cm/7½"



Gomel



Hepp / Scheidel

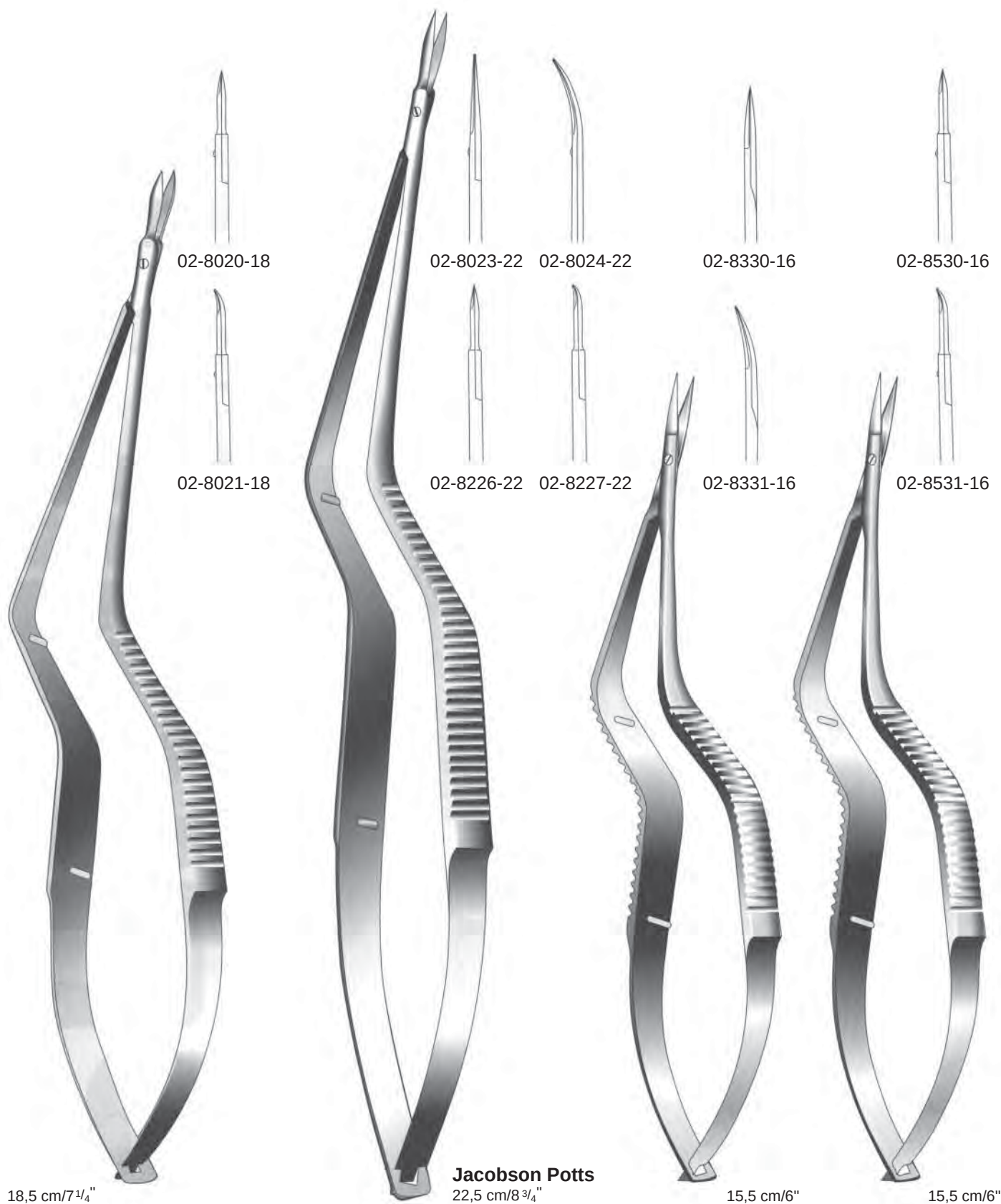
قیچی میکرو فنری بایوتتی

Mikro-Federscheren

Micro Scissors, spring-action Bayonet

Microtijeras con resorte

Micro ciseaux à ressort



03

Univer®



انواع قیچی تنگستن کارباید (دسته طلایی)

Scheren mit Hartmetalleinlagen, Univer Gold -T/C

Scissors with tungsten carbide inserts, Univer Gold -T/C

Tijras Can filos de carburo de tungsteno, Univer Gold -T/C

Ciseaux avec plaquettes en carbure de tungstène, Univer Gold -T/C

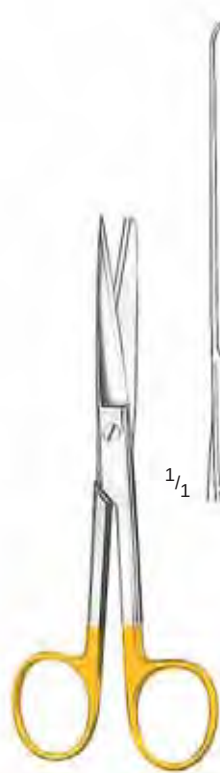
قیچی جراحی - تنگستن کارباید

Standard OP-Scheren, Univer Gold T/C

General Operating Scissors, Univer Gold T/C

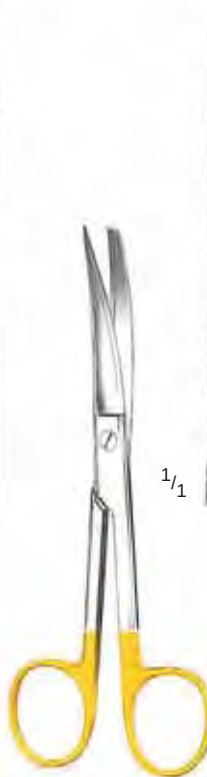
Standard tijeras, Univer Gold T/C

Standard ciseaux, Univer Gold T/C


 $\frac{1}{1}$

Standard

cm	inch.			
14	5 $\frac{1}{2}$	9-110-14	9-111-14	9-112-14
16	6 $\frac{1}{4}$	9-110-16	9-111-16	9-112-16
18	7	9-110-18	9-111-18	9-112-18


 $\frac{1}{1}$

Standard

cm	inch.			
14	5 $\frac{1}{2}$	9-120-14	9-121-14	9-122-14
16	6 $\frac{1}{4}$	9-120-16	9-121-16	9-122-16
18	7	9-120-18	9-121-18	9-122-18
20	8	9-120-20	9-121-20	9-122-20
22	8 $\frac{1}{2}$	9-120-22	9-121-22	9-122-22

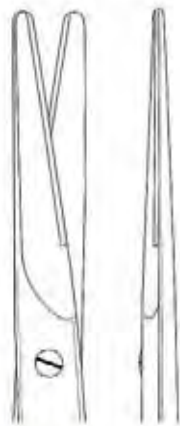
قیچی جراحی - تنگستن کارباید

Präparierscheren, Univer Gold T/C
Dissecting Scissors, Univer Gold T/C
Tijeras de disección, Univer Gold T/C
Ciseaux à dissection, Univer Gold T/C

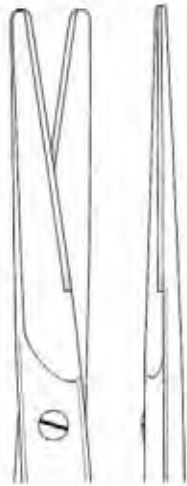


Mayo

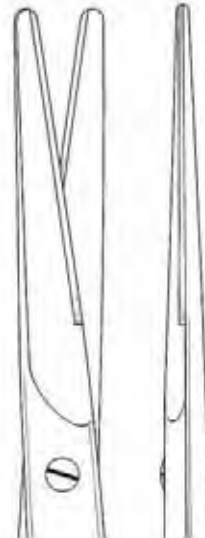
$\frac{1}{1}$



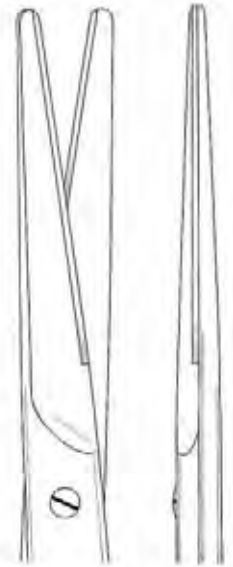
9-130-14
14 cm/5 $\frac{1}{2}$ "



9-130-17
17 cm/6 $\frac{3}{4}$ "



9-130-20
20 cm/8"



9-130-23
23 cm/9"

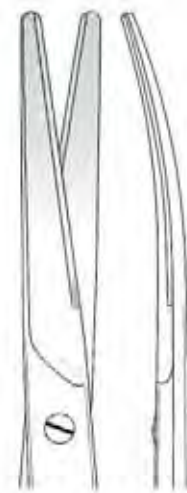


Mayo

$\frac{1}{1}$



9-131-14
14 cm/5 $\frac{1}{2}$ "



9-131-17
17 cm/6 $\frac{3}{4}$ "



9-131-20
20 cm/8"



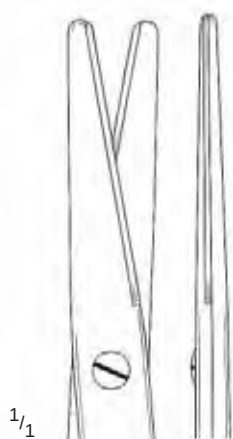
9-131-23
23 cm/9"

قیچی جراحی - تنگستن کارباید

Präparierscheren, Univer Gold T/C
Dissecting Scissors, Univer Gold T/C
Tijeras de disección, Univer Gold T/C
Ciseaux à dissection, Univer Gold T/C



Mayo- Stille



cm	inch.	
15	6	9-150-15
17	6 3/4	9-150-17
20	8	9-150-20



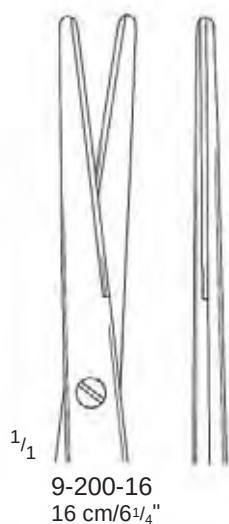
Mayo- Stille



cm	inch.	
15	6	9-151-15
17	6 3/4	9-151-17
20	8	9-151-20



Mayo- Lexer



9-200-16
16 cm/6 1/4"



Mayo- Lexer



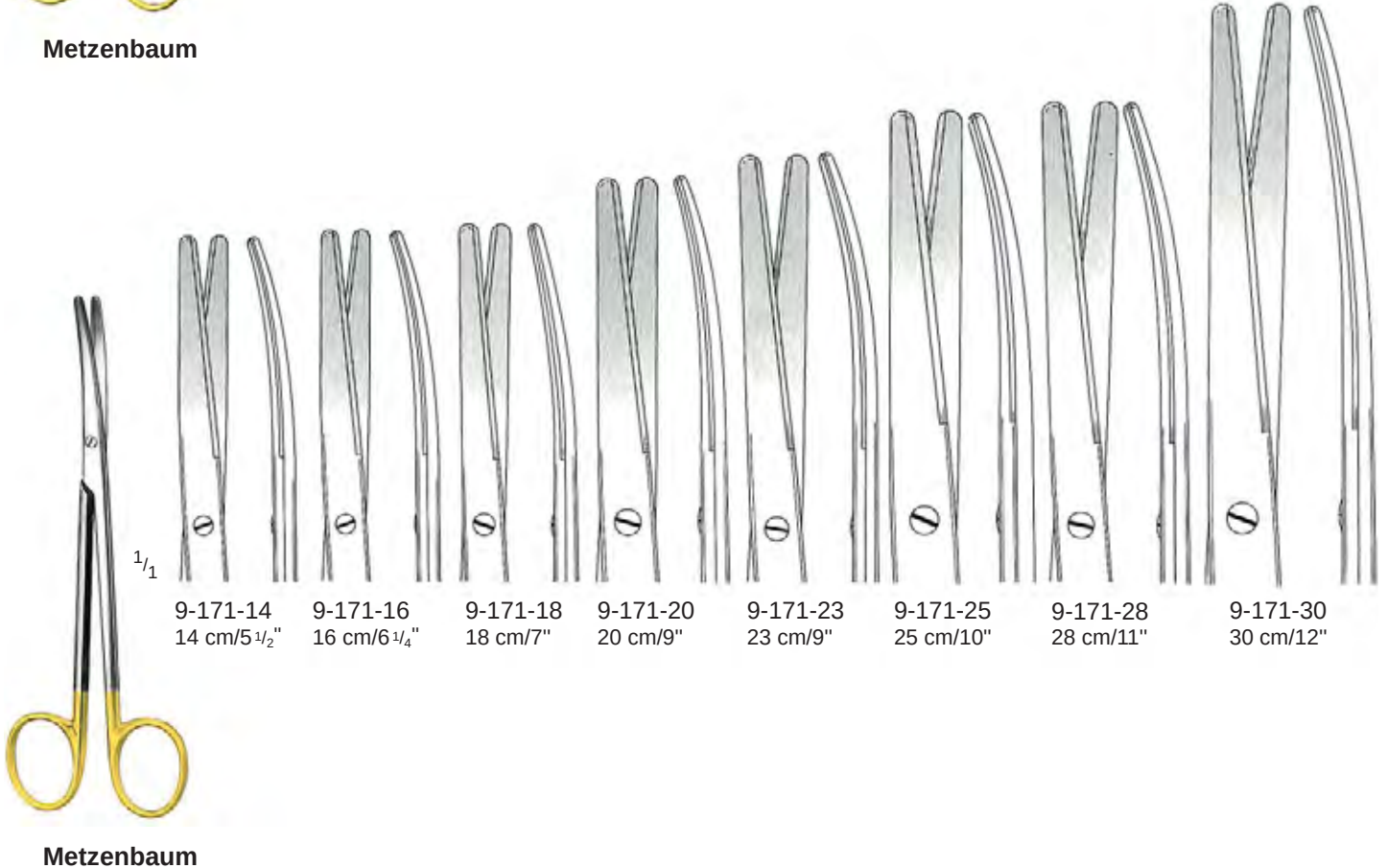
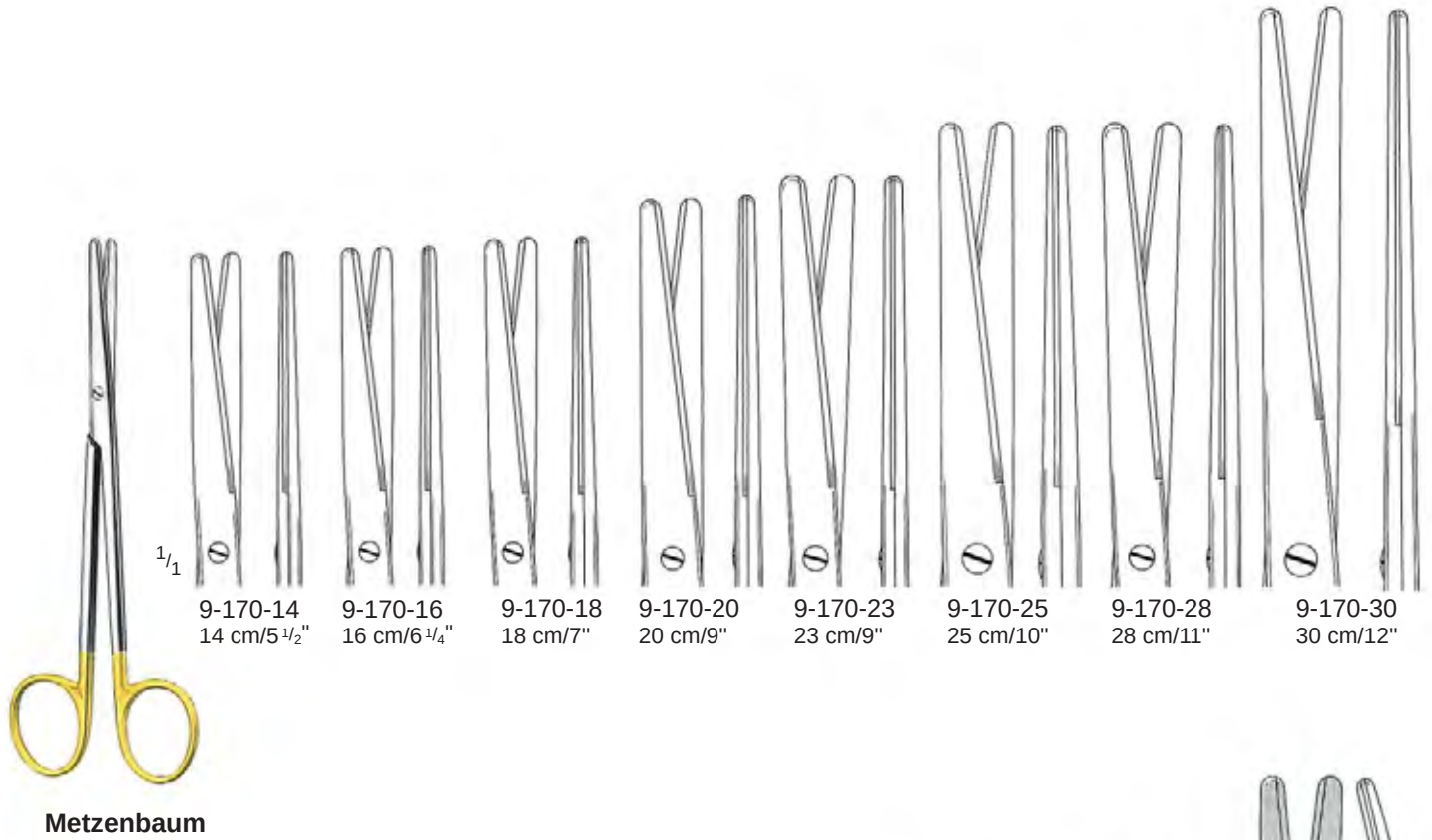
9-201-16
16 cm/6 1/4"

قیچی جراحی - تنگستن کارباید

Präparierscheren, Univer Gold T/C
Dissecting Scissors, Univer Gold T/C
Tijeras de disección, Univer Gold T/C
Ciseaux à dissection, Univer Gold T/C



03

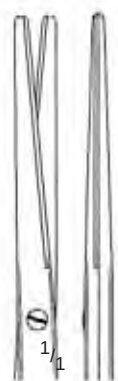


قیچی جراحی - تنگستن کارباید

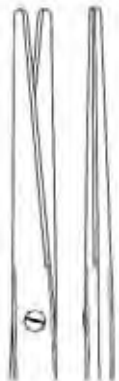
Präparierscheren, Univer Gold T/C
Dissecting Scissors, Univer Gold T/C
Tijeras de disección, Univer Gold T/C
Ciseaux à dissection, Univer Gold T/C



Metzenbaum -Fino



9-190-14
14 cm/5½"



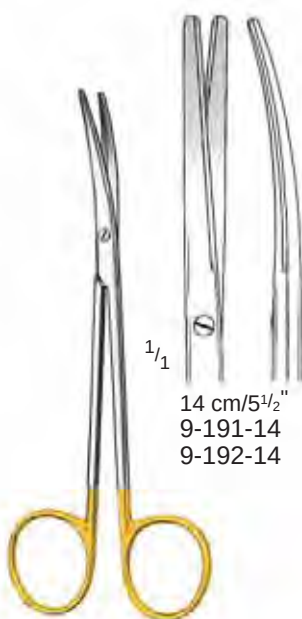
9-190-18
18 cm/7"



9-190-20
20 cm/8"



9-190-23
23 cm/9"



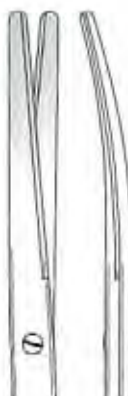
Metzenbaum -Fino
9-191- ##



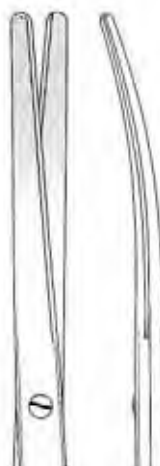
14 cm/5½"
9-191-14
9-192-14



18 cm/7"
9-191-18
9-192-18



20 cm/8"
9-191-20
9-192-20



23 cm/9"
9-191-23
9-192-23



Metzenbaum -Fino
9-192- ##

قیچی جراحی - تنگستن کارباید

Präparierscheren, Univer Gold T/C
Dissecting Scissors, Univer Gold T/C
Tijeras de disección, Univer Gold T/C
Ciseaux à dissection, Univer Gold T/C



03



Metzenbaum -Fino



$1/1$

9-195-14
14 cm/5 $\frac{1}{2}$ "



9-195-18
18 cm/7"



9-195-20
20 cm/8"



9-195-23
23 cm/9"



Metzenbaum -Fino



$1/1$

9-196-14
14 cm/5 $\frac{1}{2}$ "



9-196-18
18 cm/7"



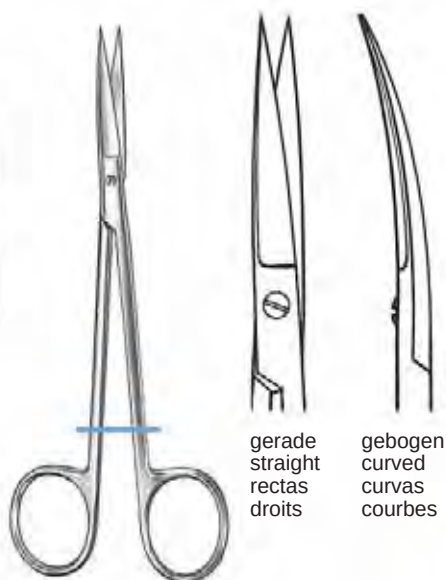
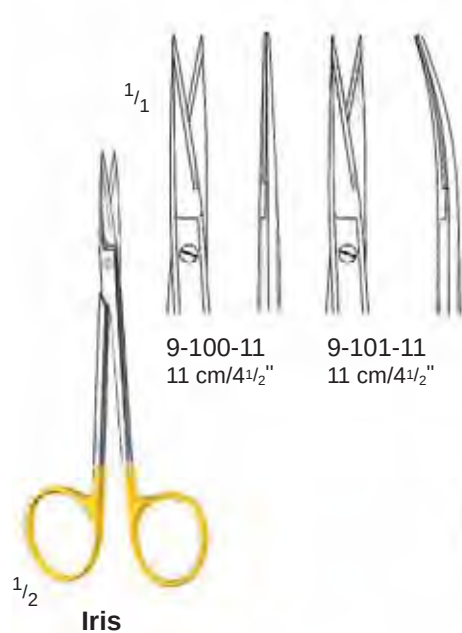
9-196-20
20 cm/8"



9-196-23
23 cm/9"

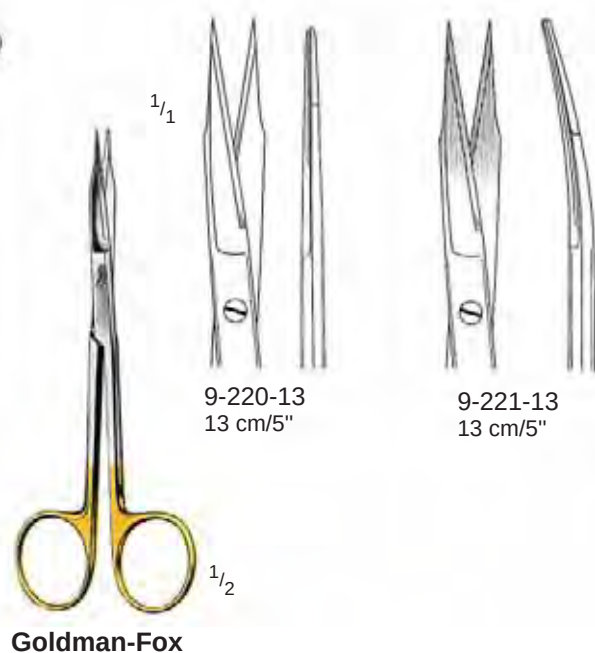
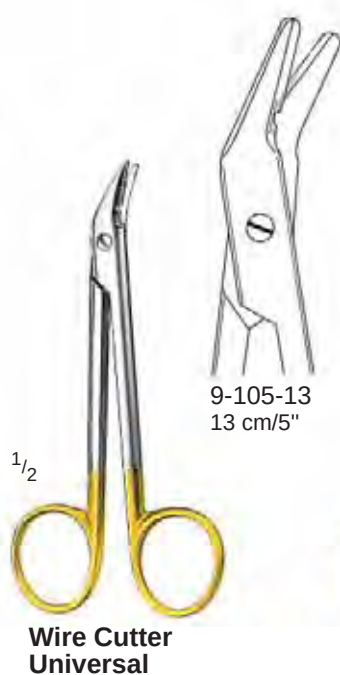
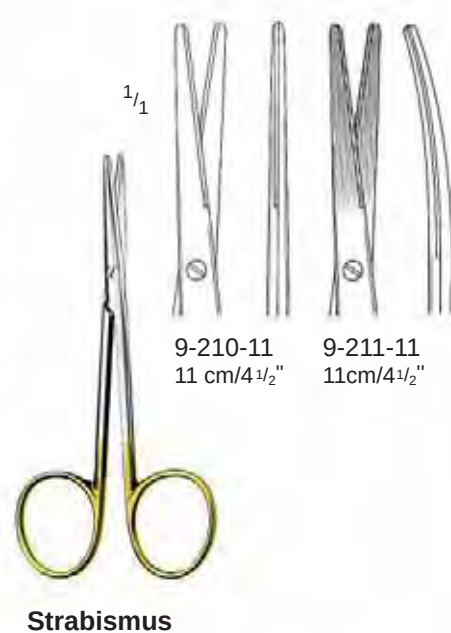
قیچی ظریف - تنگستن کارباید

Feine Scheren, Univer Gold T/C
Delicate Scissors, Univer Gold T/C
Tijeras finas, Univer Gold T/C
Ciseaux fins, Univer Gold T/C



Joseph

cm	inch.		
14	5 1/2	9-209-14	9-219-14
16	6 1/4	9-209-16	9-219-16
18	7	9-209-18	9-219-18



قیچی جراحی پلاستیک - تنگستن کارباید

Scheren für plastische Operationen, Univer Gold T/C

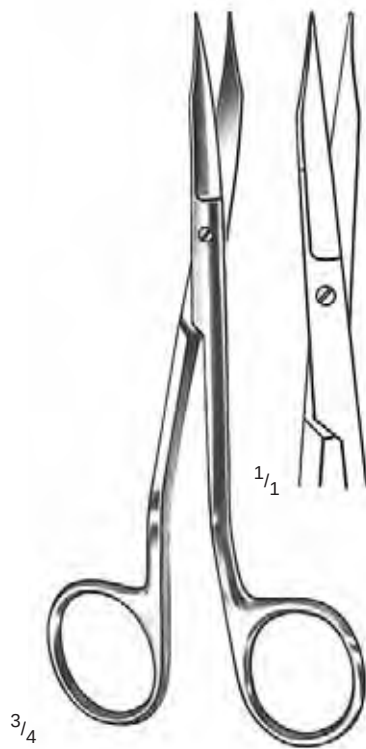
Plastic Surgery Scissors, Univer Gold T/C

Tijeras para operaciones plásticas, Univer Gold T/C

Ciseaux pour opérations plastiques, Univer Gold T/C

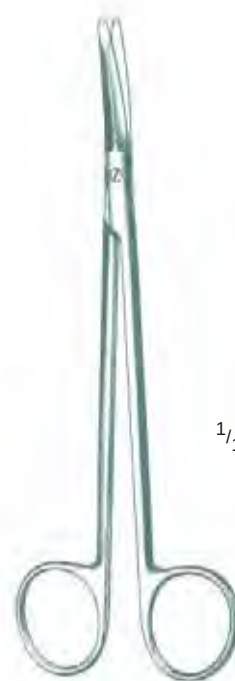
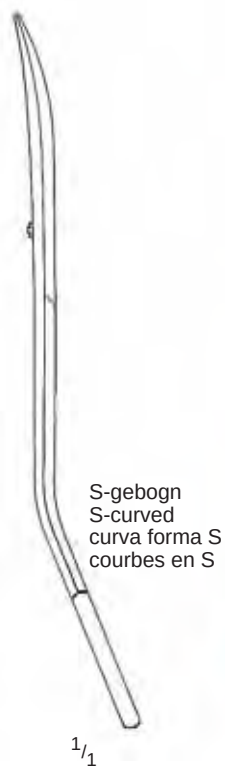


03



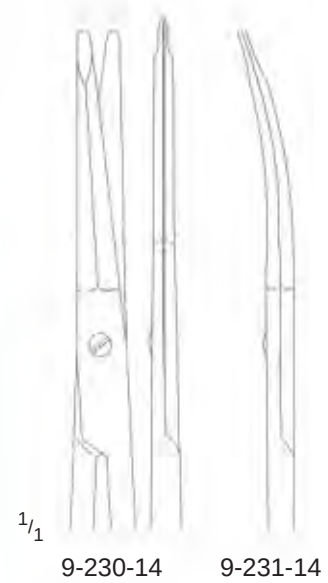
Goldmann Fox

13 cm/5"
9-223-13



Fomon (Lifting)

14,5 cm/5 3/4"



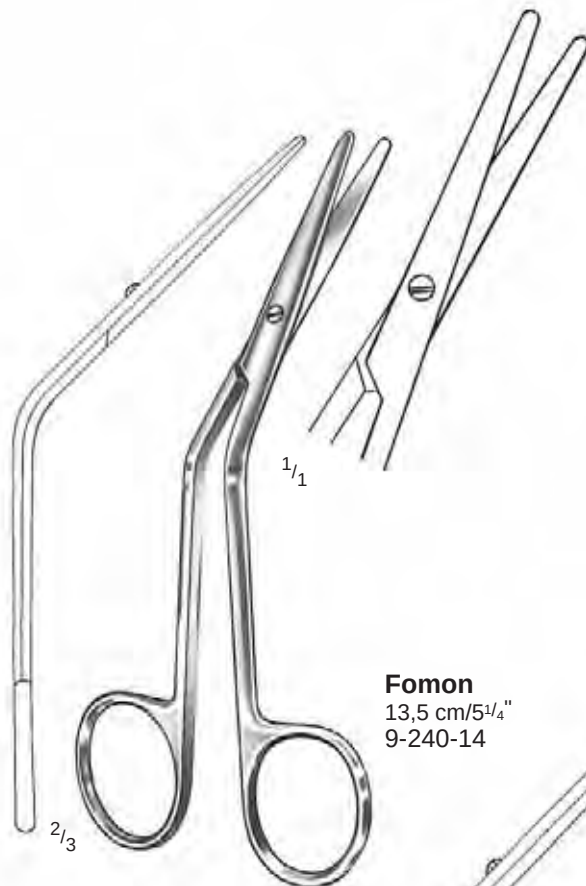
قیچی جراحی پلاستیک - تنگستن کارباید

Scheren für plastische Operationen, Univer Gold T/C

Plastic Surgery Scissors, Univer Gold T/C

Tijeras para operaciones plásticas, Univer Gold T/C

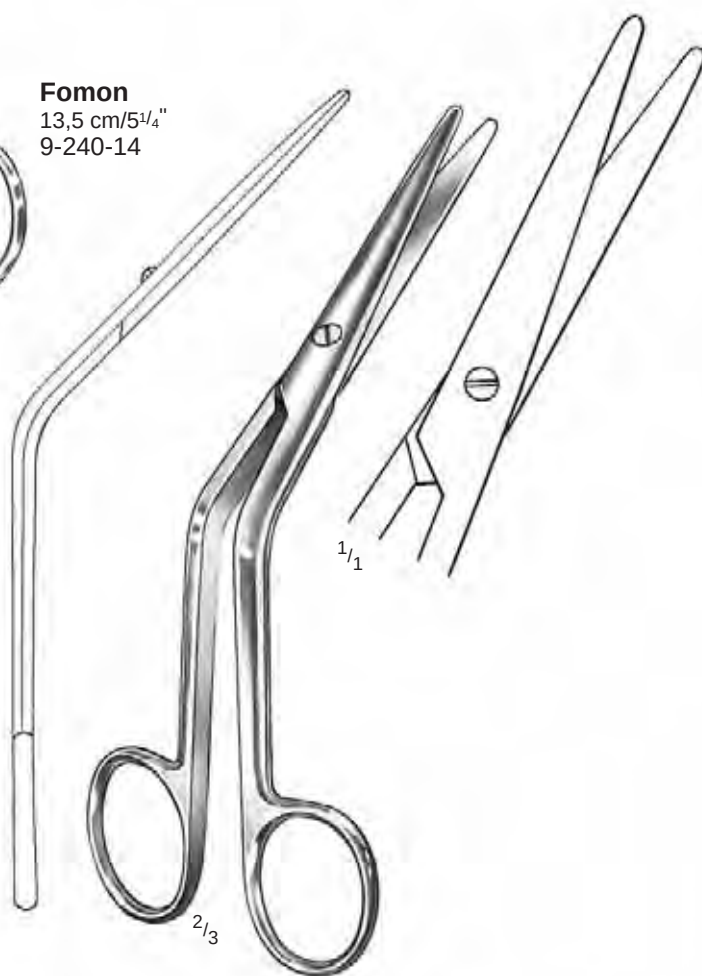
Ciseaux pour opérations plastiques, Univer Gold T/C



Fomon
13,5 cm/5¹/₄"
9-240-14



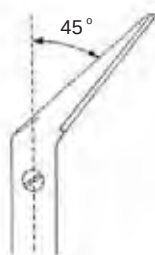
Heymann
18,5 cm/7¹/₄"
9-242-18



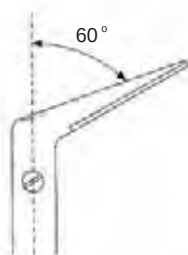
Cottle
16 cm/6¹/₂"
9-243-16



9-300-16
16 cm/6 1/4"



9-303-16
16 cm/6 1/4"



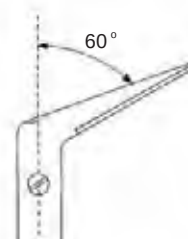
9-306-16
16 cm/6 1/4"



9-310-19
19 cm/7 1/2"



9-311-19
19 cm/7 1/2"



9-312-19
19 cm/7 1/2"

9-301-23
23cm/9"

9-304-23
23cm/9"

9-307-23
23cm/9"

9-302-28
28cm/11"

9-305-28
28cm/11"

9-308-28
28cm/11"



DeBakey



Potts-Smith

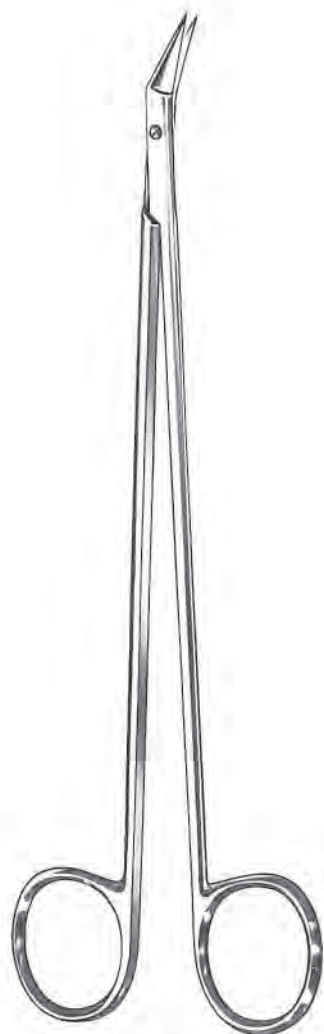
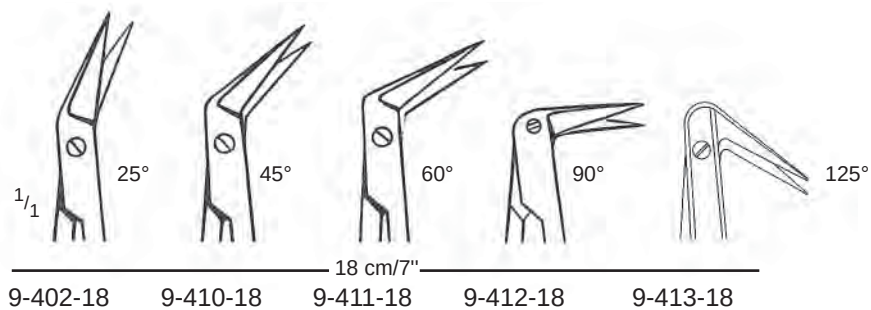
قیچی قلب و عروق - تنگستن کارباید

Gefäß- und Herzgefäßscheren, Univer Gold T/C

Vessel and Cardiac Scissors, Univer Gold T/C

Tijeras cardio-vasculares, Univer Gold T/C

Ciseaux vasculaires et cardiaques, Univer Gold T/C



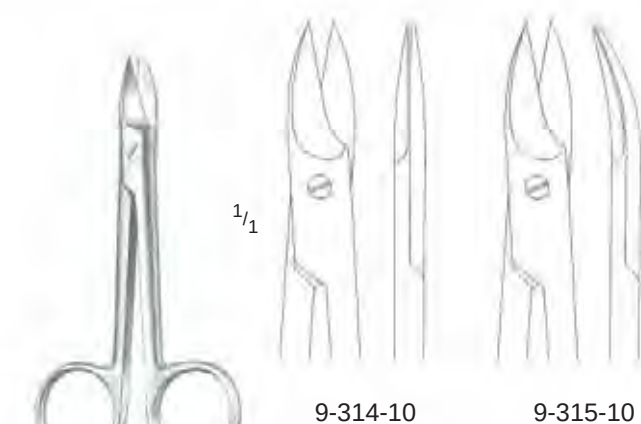
Diethrich

انواع قیچی - تنگستن کارباید

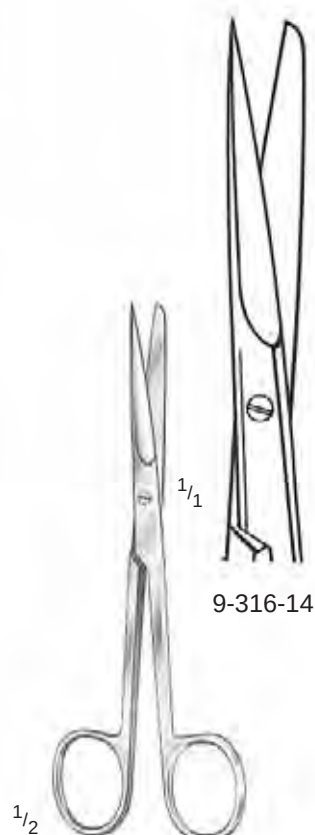
Scheren, Univer Gold T/C
Scissors, Univer Gold T/C
Tijeras, Univer Gold T/C
Ciseaux, Univer Gold T/C



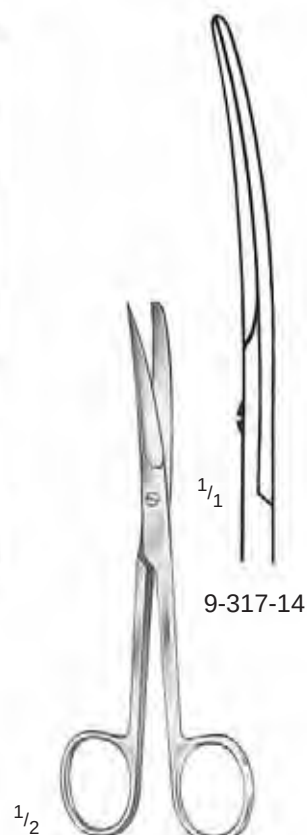
03



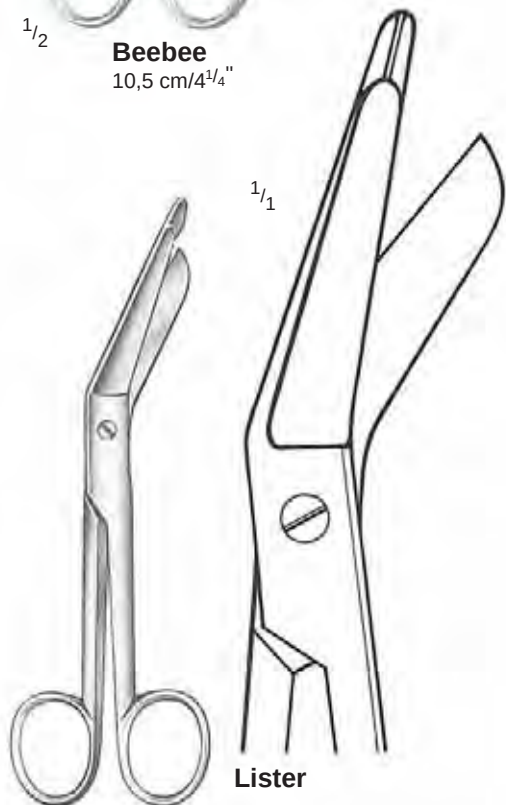
$\frac{1}{2}$
Beebee
10,5 cm/4 $\frac{1}{4}$ "



$\frac{1}{2}$
Deaver
14,5 cm/5 $\frac{1}{2}$ "

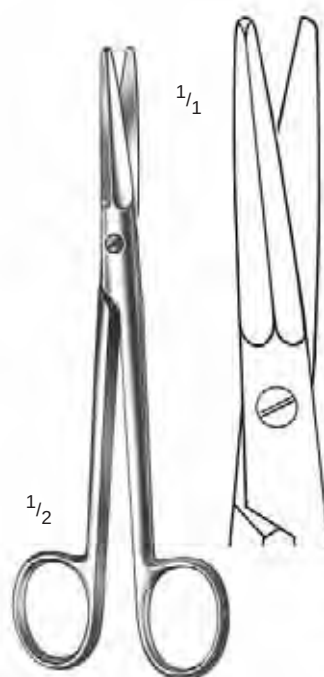


$\frac{1}{2}$
Deaver
14,5 cm/5 $\frac{1}{2}$ "



Lister

cm	inch.	
14	5 $\frac{1}{2}$	9-324-14
18	7	9-324-18
20	8	9-324-20



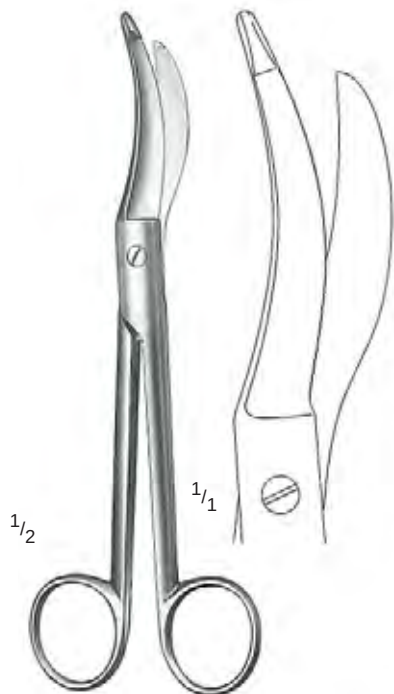
Rees (Face Lifting)
17 cm/6 $\frac{3}{4}$ "
9-330-17



Rees (Face Lifting)
17 cm/6 $\frac{3}{4}$ "
9-331-17

انواع قیچی - تنگستن کارباید

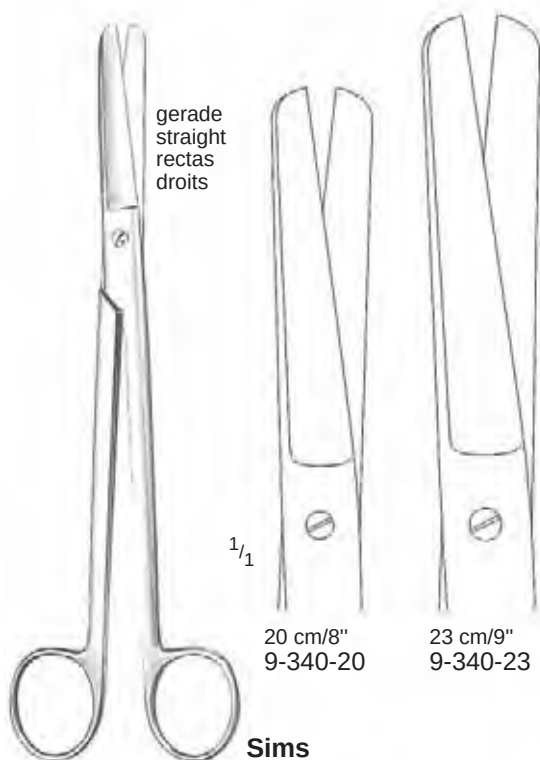
Scheren, Univer Gold T/C
Scissors, Univer Gold T/C
Tijeras, Univer Gold T/C
Ciseaux, Univer Gold T/C



Waldmann
18 cm/7"
9-335-18



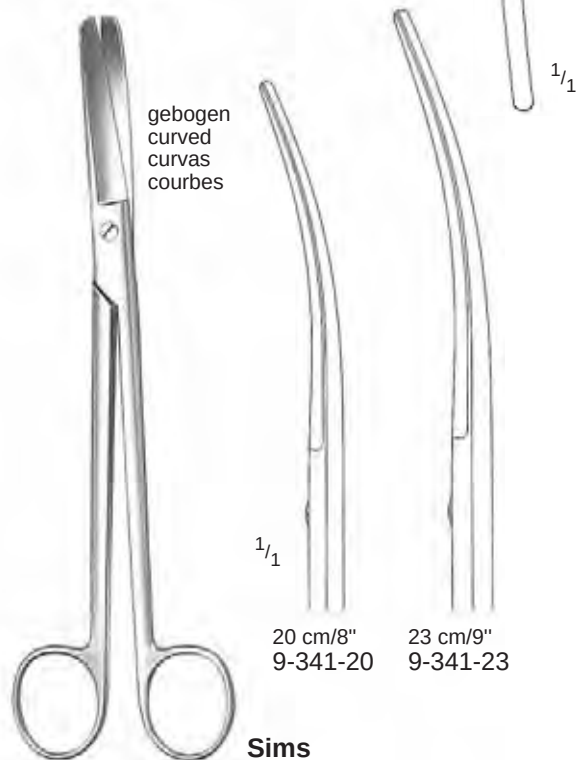
Dean
17 cm/6³/₄"
9-337-17



20 cm/8"
9-340-20

23 cm/9"
9-340-23

Sims



20 cm/8"
9-341-20

23 cm/9"
9-341-23

Sims

قیچی جراحی پلاستیک - تنگستن کارباید

Scheren für plastische Operationen, Univer Gold T/C

Plastic Surgery Scissors, Univer Gold T/C

Tijeras para operaciones plásticas, Univer Gold T/C

Ciseaux pour opérations plastiques, Univer Gold T/C



03

gerade
straight
rectas
droits



Kahn

$\frac{1}{1}$



14 cm/5 $\frac{1}{2}$ "
9-346-14



18 cm/7"
9-346-18



20 cm/8"
9-346-20

gebogen
curved
curvas
courbes



Kahn

$\frac{1}{1}$



14 cm/5 $\frac{1}{2}$ "
9-347-14



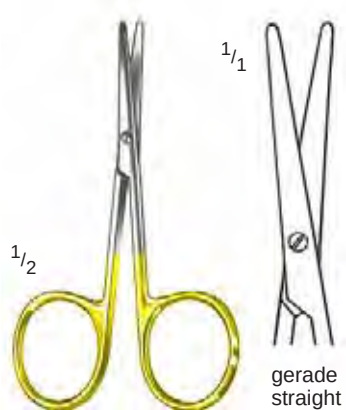
18 cm/7"
9-347-18



20 cm/8"
9-347-20

انواع قیچی - تنگستن کارباید

Scheren, Univer Gold T/C
Scissors, Univer Gold T/C
Tijeras, Univer Gold T/C
Ciseaux, Univer Gold T/C



Lexer-Baby
10,5 cm/4¹/₄"
9-348-10



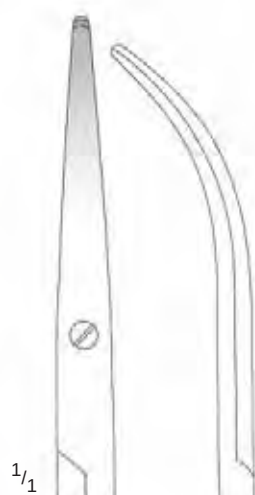
Lexer-Baby
10,5 cm/4¹/₄"
9-349-10



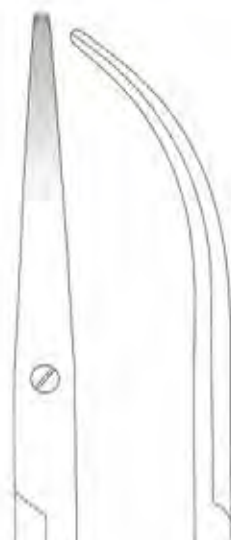
Mod.USA
10,5 cm/4¹/₄"
9-350-10



Metzenbaum-Thorek



20 cm/8"
9-353-20



23 cm/9"
9-353-23



28 cm/11"
9-353-28



قیچی رحمی - تنگستن کارباید

Parametrium-Scheren, Univer Gold T/C
Parametrium Scissors, Univer Gold T/C
Tijeras Parametrium, Univer Gold T/C
Ciseaux Parametrium, Univer Gold T/C

Parametriurn-Scheren
Parametrium-Scissors
Tijeras Parametrium
Ciseaux Parametrium



1/1

Parametrium



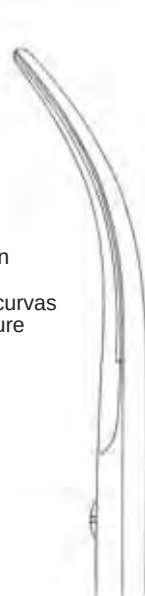
leicht gebogen
light curve
ligeramente curvas
courbure légère

1/1

23 cm/9"
9-500-23



stark gebogen
strong curve
fuertemente curvas
à forte courbure



22 cm/8½"
9-502-22

04

Univer®



انواع پنست
Pinzetten
Forceps
Pinzas
Pinces

پنست بدون دندان

Anatomische Pinzetten
Dressing Forceps
Pinzas de disección
Pincas à disséquer



3,4 mm



Standard

1,3 mm



sehr fein
very fine
muy finas
très fins

1,7 mm



fein
delicate
finas
délicates

2,3 mm



medium

2,5 mm



schmal
slender
élancées
estrechas

cm	inch.					
11,5	4 1/2	04-0200-11		04-0204-11		04-0208-11
13	5	04-0200-13		04-0204-13		04-0208-13
14,5	5 3/4	04-0200-14	04-0202-14	04-0204-14	04-0206-14	04-0208-14
16	6 1/4	04-0200-16				04-0208-16
18	7	04-0200-18				04-0208-18
20	8	04-0200-20				04-0208-20
23	9	04-0200-23				04-0208-23
25	10	04-0200-25				04-0208-25
30	12	04-0200-30				

3,4 mm 3 mm



Standard

2 mm



schmal
slender
estrechas
élancées

Modell USA

Modell USA



Schwed. Modell
Swedish pattern
Modelo Suecia
Modèle Suède



1/2

Duehrssen
20 cm/8"
04-0346-20

cm	inch.				
13	5	04-0309-13	04-0310-13	04-0312-13	04-0320-13
14,5	5 3/4	04-0309-14	04-0310-14	04-0312-14	
15	6	04-0309-15	04-0310-15	04-0312-15	04-0320-15
17	6 3/4				04-0320-17
20	8	04-0309-20	04-0310-20		04-0320-20
23	9	04-0309-23	04-0310-23		04-0320-23

پنست بدون دندانۀ ظریف

Feine anatomische Pinzetten

Fine Dressing Forceps

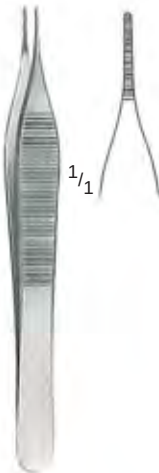
Pinzas de disección finas

Pinces à disséquer à mors fins



04

											
$\frac{1}{1}$		$\frac{1}{2}$		$\frac{1}{2}$		$\frac{1}{2}$		$\frac{1}{2}$			
Semken		McIndoe		Gillies		Gerald		Gerald			
gebogen curved curvas courbes						gebogen curved curvas courbes					
cm	inch.										
13	5	04-0350-13	04-0351-13								
14,5	5 $\frac{3}{4}$	04-0350-14	04-0351-14								
15	6			04-0360-15	04-0366-15						
16	6 $\frac{1}{4}$	04-0350-16	04-0351-16								
18	7	04-0350-18	04-0351-18			04-0370-18	04-0371-18	04-0372-18	04-0373-18		

							
Adson		Micro-Adson		Cushing		Brophy (Steinbach)	
							
				gebogen curved curvas courbes		gebogen curved curvas courbes	
cm	inch.						
12	4 1/4	04-0380-12	04-0384-12				
15	6	04-0380-15	04-0384-15				
17,5	7			04-0390-17	04-0391-17		
20	8					04-0400-20	04-0401-20

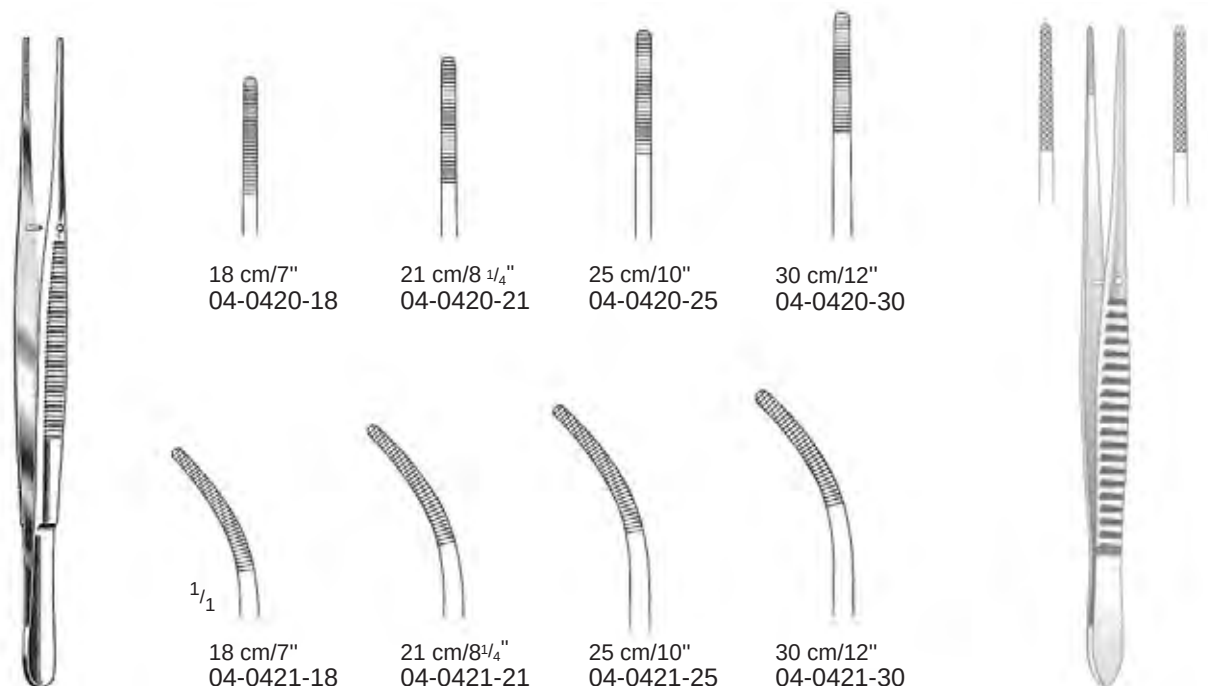
پنست بدون دندانہ ظریف

Feine anatomische Pinzetten

Fine Dressing Forceps

Pinzas de disección finas

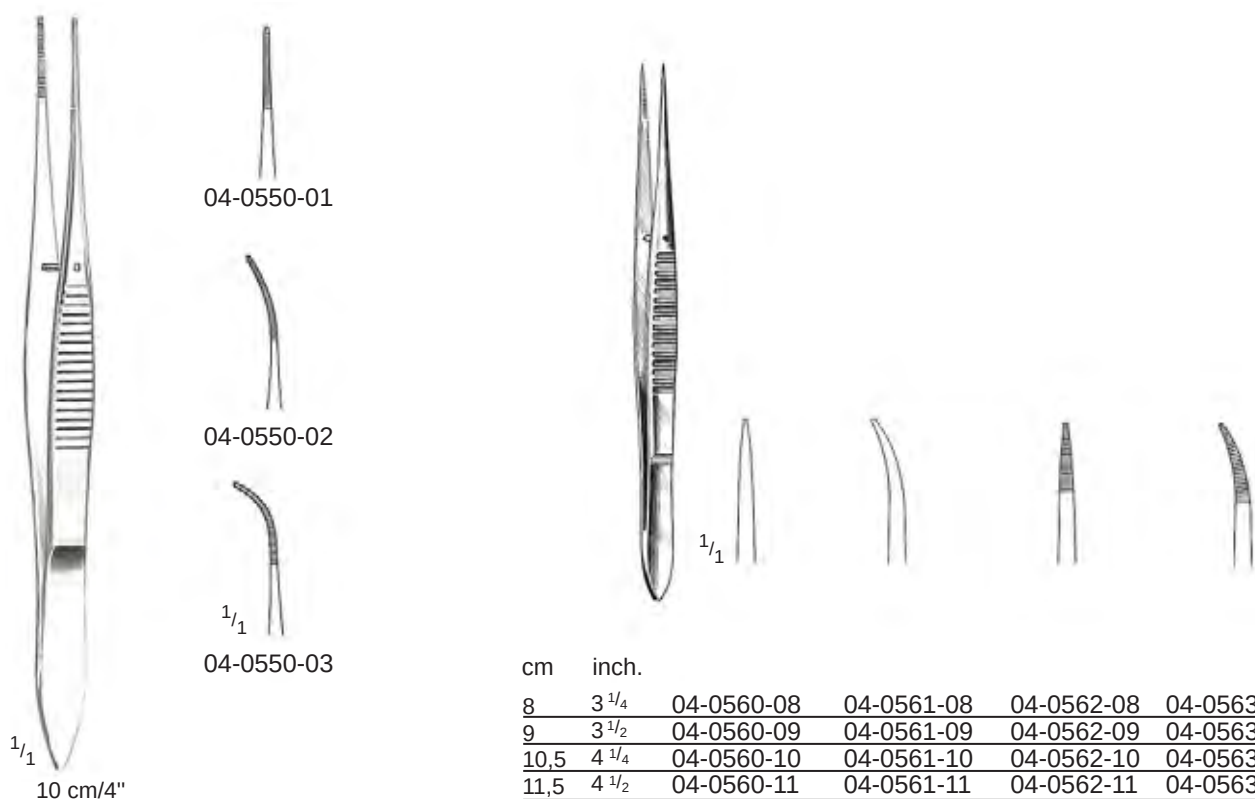
Pincers à disséquer à mors fins

**Potts-Smith**

Mikroskopische Pinzetten mit Führungsstift
Microscopic Forceps with guide pin
Pinzas para microscopía con espiga de guía
Pincers pour microscopie avec repères

Waugh

04-0430-15	15 cm/6"	04-0431-15
04-0430-18	18 cm/7"	04-0431-18
04-0430-20	20 cm/8"	04-0431-20



cm	inch.				
8	3 1/4	04-0560-08	04-0561-08	04-0562-08	04-0563-08
9	3 1/2	04-0560-09	04-0561-09	04-0562-09	04-0563-09
10,5	4 1/4	04-0560-10	04-0561-10	04-0562-10	04-0563-10
11,5	4 1/2	04-0560-11	04-0561-11	04-0562-11	04-0563-11
12,5	5	04-0560-12	04-0561-12	04-0562-12	04-0563-12



2,2 mm
1/1
14,5 cm/5 1/2"
Standard

1,3 mm
14,5 cm/5 1/2"
sehr fein
very fine
muy finas
très fins

1,5 mm
14,5 cm/5 1/2"
fein
delicate
finas
délicates

1,7 mm
14,5 cm/5 1/2"
schmal
slender
entrechas
élancées

3,1 mm
14,5 cm/5 1/2"
breit
broad
ancho
large

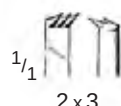


1/1
1 x 2



Duehrssen

cm	inch.						
11,5	4 1/2	04-1200-11		04-1204-11	04-1208-11		
13	5	04-1200-13		04-1204-13	04-1208-13		
14,5	5 3/4	04-1200-14	04-1202-14	04-1204-14	04-1208-14	04-1216-14	
16	6 1/4	04-1200-16			04-1208-16	04-1216-16	1/2
18	7	04-1200-18			04-1208-18		
20	8	04-1200-20			04-1208-20		04-1346-20
23	9					04-1216-23	
25	10	04-1200-25			04-1208-25		
30	12	04-1200-30				04-1216-30	



2 x 3



3 x 4



4 x 5



Mod.USA



Lane



1 x 2



Lane



2 x 3

cm	inch.						
13	5	04-1223-13	04-1234-13	04-1245-13	04-1310-13		
14,5	5 3/4	04-1223-14	04-1234-14	04-1245-14	04-1310-14	04-1332-14	04-1334-14
16	6 1/4	04-1223-16	04-1234-16	04-1245-16			
18	7	04-1223-18					
20	8	04-1223-20				04-1332-20	

پنست دنداندار ظریف

Feine chirurgische Pinzetten

Fine Tissue Forceps

Pinzas de disección con dientes finas

Pincas á griffes fins



Semken

 $\frac{1}{1}$ gebogen
curved
curvas
courbes $\frac{1}{2}$

McIndoe

 $\frac{1}{1}$  $\frac{1}{2}$

Gillies

 $\frac{1}{1}$  $\frac{1}{2}$

Gerald

 $\frac{1}{1}$ gebogen
curved
curvas
courbes

cm	inch.				
13	5	04-1350-13	04-1351-13		
14,5	5 $\frac{3}{4}$	04-1350-14	04-1351-14		
15	6			04-1360-15	04-1366-15
16	6 $\frac{1}{4}$	04-1350-16	04-1351-16		
18	7	04-1350-18	04-1351-18		04-1370-18 04-1371-18
20		04-1350-20	04-1351-20		04-1370-20 04-1371-20

 $\frac{1}{1}$ $\frac{1}{2}$

Gerald



Adson

 $\frac{1}{2}$

Adson



Micro-Adson

 $\frac{1}{2}$

Cushing

 $\frac{1}{1}$ gebogen
curved
curvas
courbes

cm	inch.				
12	4 $\frac{3}{4}$		04-1380-12 04-1382-12	04-1384-12	
15	6		04-1380-15	04-1384-15	
17,5	7				04-1390-17 04-1391-17
18	7	04-1372-18			

پنست دندانهدار ظریف

Feine chirurgische Pinzetten

Fine Tissue Forceps

Pinzas de disección con dientes finas

pinces á griffes fins



Univer®

04



1 x 2

1/1

18 cm/7"

04-1420-18

21 cm/8 1/4"

04-1420-21

25 cm/10"

04-1420-25

30 cm/12"

04-1420-30

1/1

18 cm/7"

04-1421-18

21 cm/8 1/4"

04-1421-21

25 cm/10"

04-1421-25

30 cm/12"

04-1421-30

Potts-Smith

Mikroskopische Pinzetten
Microscopic Forceps
Pinzas para microscopica
Pinces pour microscopie



1/2

Brophy (Steinbach)

20 cm/8"



04-1400-20



04-1401-20

1 x 2



1/1

10 cm/4"



04-1550-04



04-1550-05

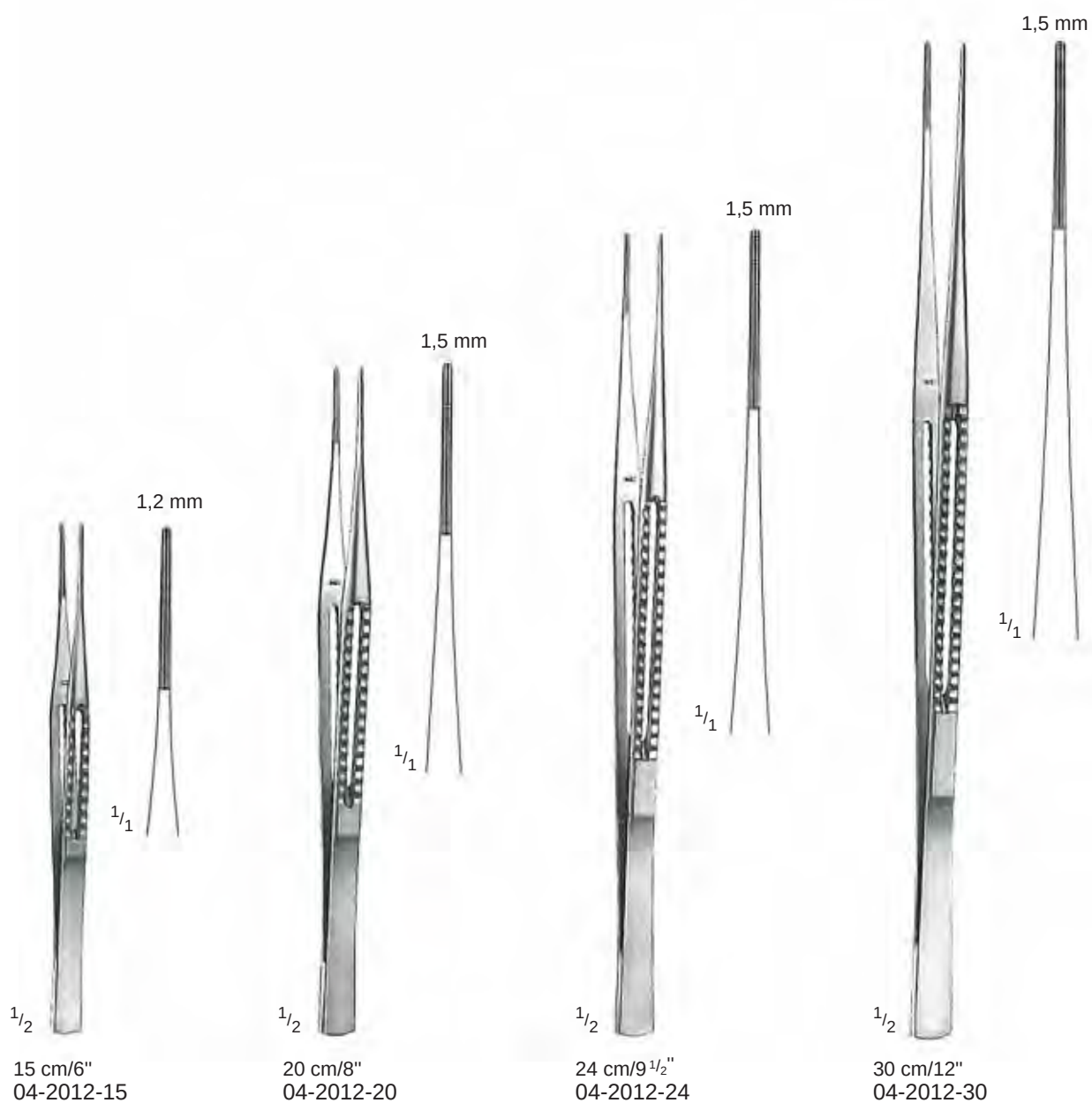


04-1550-06

پنست عروقی

Atrauma Gefäßpinzetten
 Atrauma Vascular Forceps
 Atrauma Pinzas vasculares
 Atrauma Pincers vasculaires

Ultraleichte Atrauma Gefäßpinzetten mit DeBakey-Zahnung
 Ultra-light Atrauma Forceps with DeBakey Toothing
 Ultra-ligera pinzas Atrauma dentados DeBakey
 Ultra-légère pincers Atrauma denture DeBakey





DeBakey-Diethrich



$\frac{1}{1}$

1,5 mm

cm	inch.	
15	6	04-2015-15
20	8	04-2015-20
24	9 $\frac{1}{2}$	04-2015-24



DeBakey



$\frac{1}{1}$

1,5 mm



2,0 mm



2,8 mm

cm	inch.			
15	6	04-2115-15	04-2120-15	04-2128-15
20	8	04-2115-20	04-2120-20	04-2128-20
24	9 $\frac{1}{2}$	04-2115-24	04-2120-24	04-2128-24
26	10 $\frac{1}{2}$	04-2115-26	04-2120-26	04-2128-26
30	12		04-2120-30	04-2128-30



$\frac{1}{1}$

2,0 mm

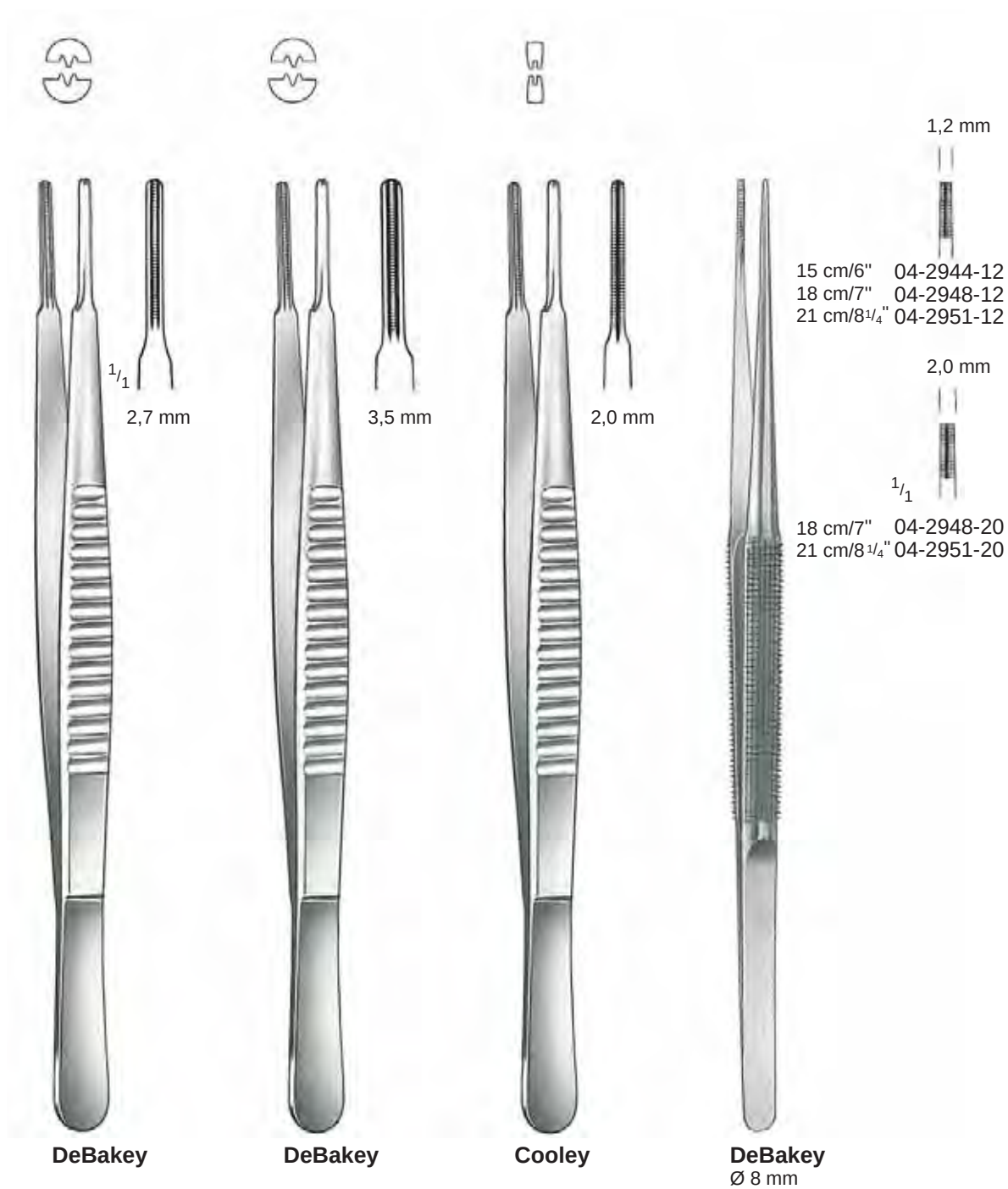


2,7 mm

cm	inch.		
15	6	04-2121-15	04-2127-15
20	8	04-2121-20	
24	9 $\frac{1}{2}$	04-2121-24	04-2127-24
30	12	04-2121-30	04-2127-30

پنست عروقی

Atrauma Gefäßpinzetten
 Atrauma Vascular Forceps
 Atrauma Pinzas vasculares
 Atrauma pinces vasculaires



cm	inch.			
15	6	04-2427-15	04-2435-15	04-2920-15
20	8	04-2427-20	04-2435-20	04-2920-20
24	9 ¹ / ₂	04-2427-24	04-2435-24	04-2920-24
30	12	04-2427-30	04-2435-30	

پنست گراسپینگ و فیکساتور

Fixier- und Faßpinzetten

Fixation and Grasping Forceps

Pinzas de fijación y de aprehensión

Pinces à fixer et à saisir



04

ohne Schloß
without spring catch
sin cierre de resorte
sans arrêt à ressort

mit Schloß
with spring catch
con cierre de resorte
avec arrêt à ressort

ohne Schloß
without spring catch
sin cierre de resorte
sans arrêt à ressort

mit Schloß
with spring catch
con cierre de resorte
avec arrêt à ressort

mit Fadenplatte
with tying platform
con plataforma
avec plateforme



Green
10 cm/4"



Green
10 cm/4"



Graefe
11 cm/4 1/2"
04-5020-11



Graefe
11 cm/4 1/2"
04-5022-11



St. Martin-Gomel
14 cm/5 1/2"
04-5030-14



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

Breite
width
ancho
largeur

5,0 mm	04-5010-05	04-5012-05
10,0 mm	04-5010-10	04-5012-10
12,5 mm	04-5010-12	04-5012-12



Adlerkreutz

1/1

16 cm/6 1/4"
2 x 3 Zähne
teeth
dientes
dents

04-5110-16

20 cm/8"
2 x 3 Zähne
teeth
dientes
dents

04-5110-20

25 cm/10"
2 x 3 Zähne
teeth
dientes
dents

04-5110-25

1/1

16 cm/6 1/4"
4 x 5 Zähne
teeth
dientes
dents

04-5114-16

20 cm/8"
4 x 5 Zähne
teeth
dientes
dents

04-5114-20

25 cm/10"
4 x 5 Zähne
teeth
dientes
dents

04-5114-25

Gefäß- und Tumorpinzetten
Vascular and Tumor Forceps
Pinzas vasculares y pinzas para tumores
Pinces vasculaires et pinces pour tumeurs



Adlerkreutz

1/1

18 cm/7"
3 x 4 Zähne
teeth
dientes
dents

04-5134-18

20 cm/8"
3 x 4 Zähne
teeth
dientes
dents

04-5134-20

25 cm/10"
3 x 4 Zähne
teeth
dientes
dents

04-5134-25

Gefäß- und Tumorpinzetten
Vascular and Tumor Forceps
Pinzas vasculares y pinzas para tumores
Pinces vasculaires et pinces pour tumeurs

Stille-Barraya

1/1

4 x 5 Zähne
teeth
dientes
dents

Stone

15 cm/6"
04-5140-15

5 x 6 Zähne
teeth
dientes
dents

Lerche

15 cm/6"
04-5146-15

پنست گراسپینگ – تومور

Faßpinzetten

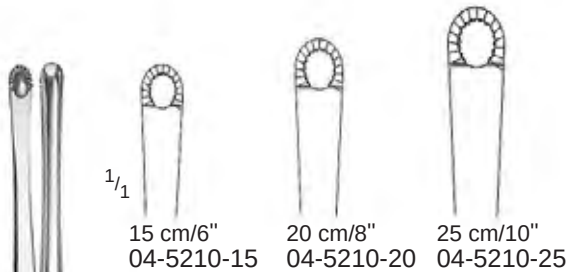
Grasping Forceps

Pinzas para coger

Pinces pour préhension



04



15 cm/6"
04-5210-15

20 cm/8"
04-5210-20

25 cm/10"
04-5210-25

Gefäß- und Tumorphinzetten
Vascular and Tumor Forceps
Pinzas vasculares y pinzas para tumores
Pinces vasculaires et pinces pour tumeurs



Russ.Modell



Mayo-Russ.

23 cm/9"

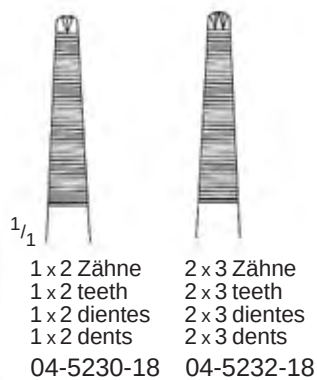
04-5214-23



Davis

25 cm/10"

04-5218-25



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

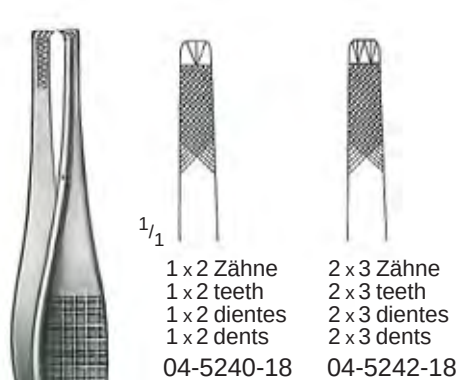
04-5230-18

2 x 3 Zähne
2 x 3 teeth
2 x 3 dientes
2 x 3 dents

04-5232-18

Bonney

18 cm/7"



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

04-5240-18

2 x 3 Zähne
2 x 3 teeth
2 x 3 dientes
2 x 3 dents

04-5242-18



Ferris-Smith

18 cm/7"

پنست گراسپینگ روده - ریه
Faßpinzetten
Grasping Forceps
Pinzas para coger
Pinces pour préhension



1/1

14,5 cm/5 1/2"
 04-5250-14



16 cm/6 1/4"
 04-5250-16



20 cm/8"
 04-5250-20

Durante

Lungenfaßpinzetten
 Lung Grasping Forceps
 Pinzas para coger el pulmón
 Pinces pour préhension du poumon



1/1

Singley (Tuttle)

23 cm/9"
 04-5260-23

1/2



1/1

6 x 7 Zähne
 6 x 7 teeth
 6 x 7 dientes
 6 x 7 dents

Nelson

23 cm/9"
 04-5270-23

1/2

Darmpinzetten
 Intestinal Forceps
 Pinzas intestinales
 Pinces pour préhension de l'intestin



Zähne stumpf
 teeth blunt
 dientes romas
 dents mousses

11 cm/4 1/2" 04-5274-11
 15 cm/6" 04-5274-15

Allis



Zähne stumpf
 teeth blunt
 dientes romas
 dents mousses

cm	inch.	
20	8	04-5274-20
23	9	04-5274-23
30	12	04-5274-30

Allis

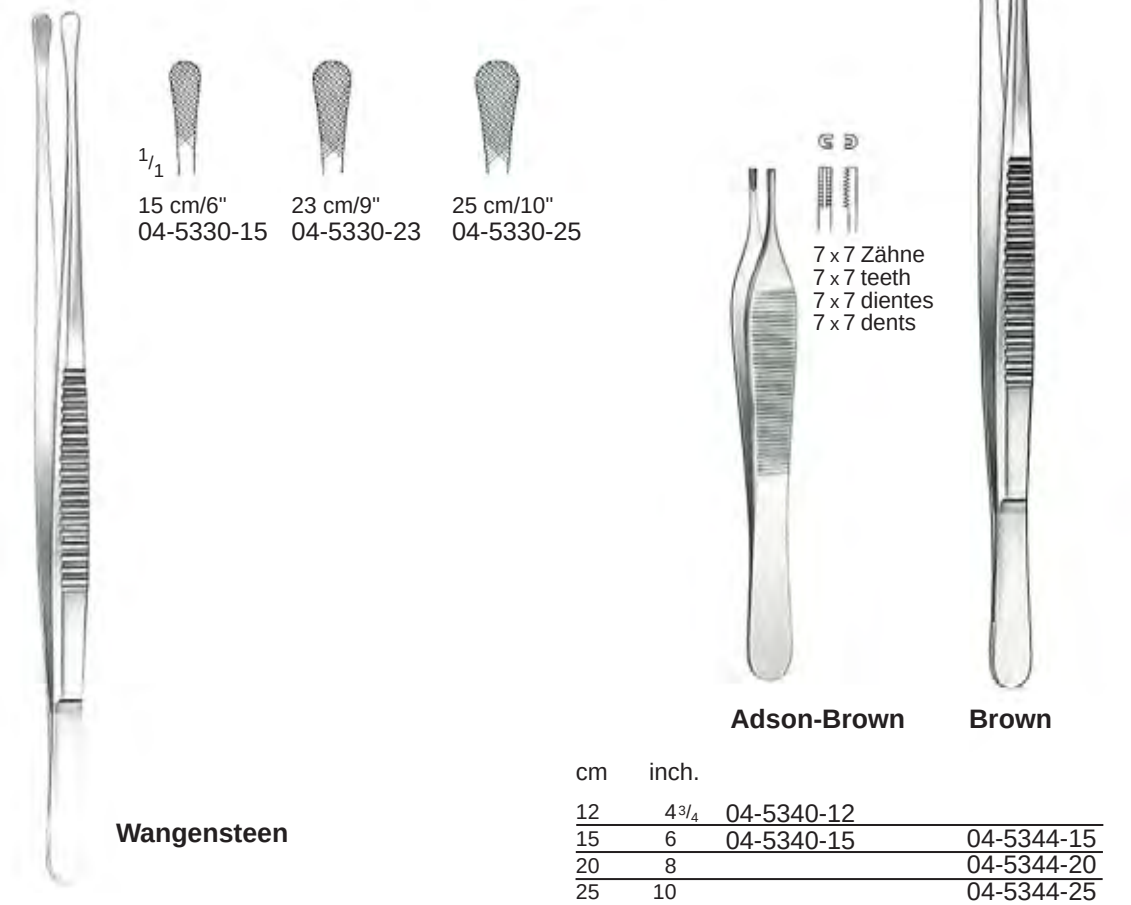
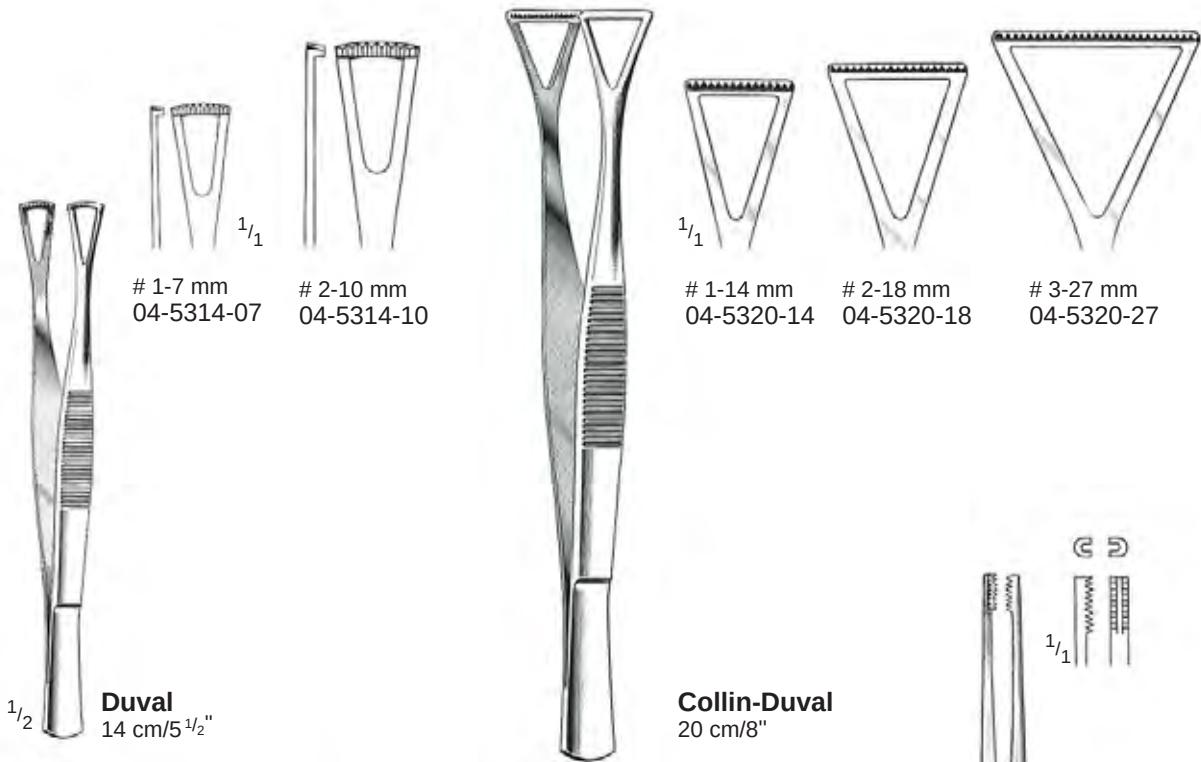
پنست مثلثی - پنست غضروف

Faßpinzetten und Knorpelfaß pinzetten

Grasping Forceps and Cartilage Forceps

Pinzas para coger y cartilagos

Pinces pour préhension et cartilages



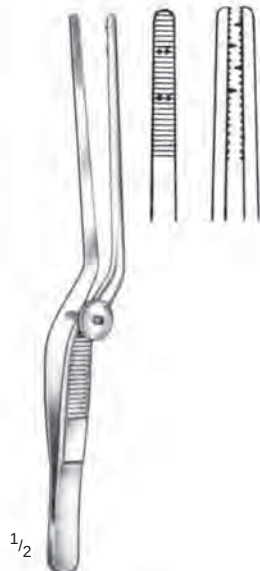
cm	inch.		
12	4 3/4	04-5340-12	
15	6	04-5340-15	04-5344-15
20	8		04-5344-20
25	10		04-5344-25

 $\frac{1}{2}$

Hinderer
13 cm/5 $\frac{1}{8}$ "
04-5414-13

 $\frac{1}{2}$

Cottle
15,5 cm/6"
04-5418-15

 $\frac{1}{2}$

Cottle
15 cm/6"
04-5451-15

 $\frac{1}{2}$

Masing
8,5 cm/3 $\frac{3}{8}$ "
04-5402-85

 $\frac{1}{2}$

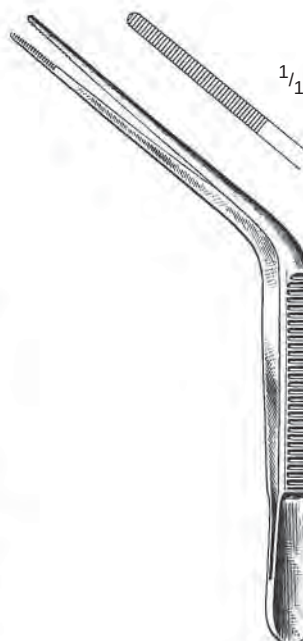
Cottle
11 cm/4 $\frac{3}{8}$ "
04-5404-11

 $\frac{1}{2}$

Troeltsch (Wilde)
11 cm/4 $\frac{1}{2}$ "
04-5607-11



Troeltsch (Wilde)
13 cm/5" 04-5607-13
15 cm/6" 04-5607-15

 $\frac{1}{1}$

Troeltsch
15 cm/6"
04-5607-15

 $\frac{1}{1}$

Troeltsch
13 cm/5"
04-5611-13

پنست بایونت بینی و گوش

Ohr-und Nasenpinzetten

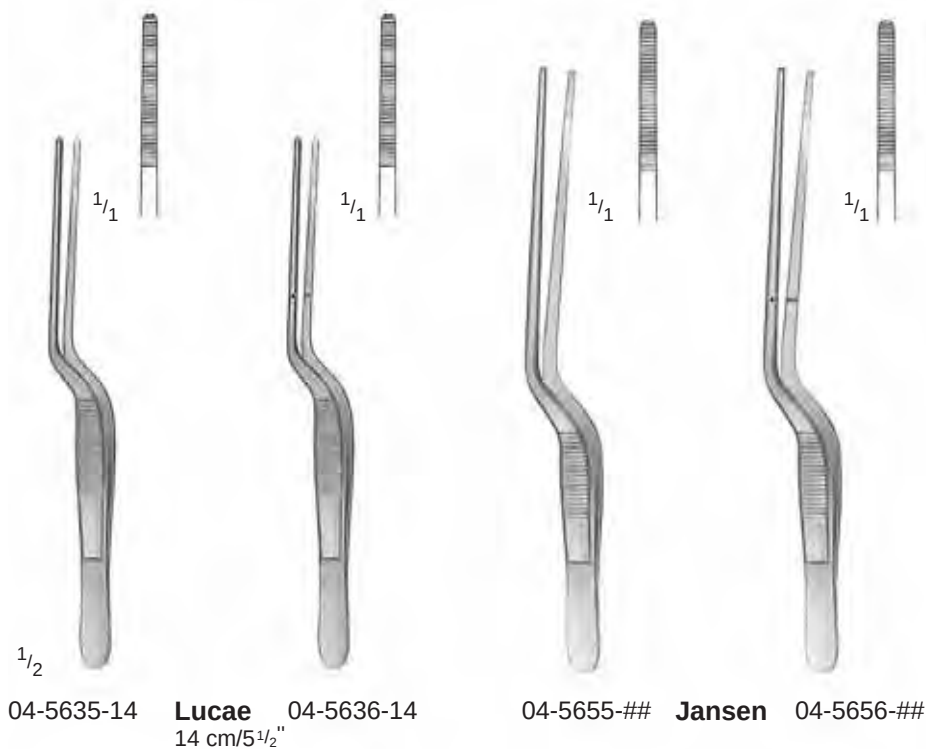
Ear and Nasal Dressing Forceps

Pinzas auriculares y nasales

Pinces auriculaires et nasaux

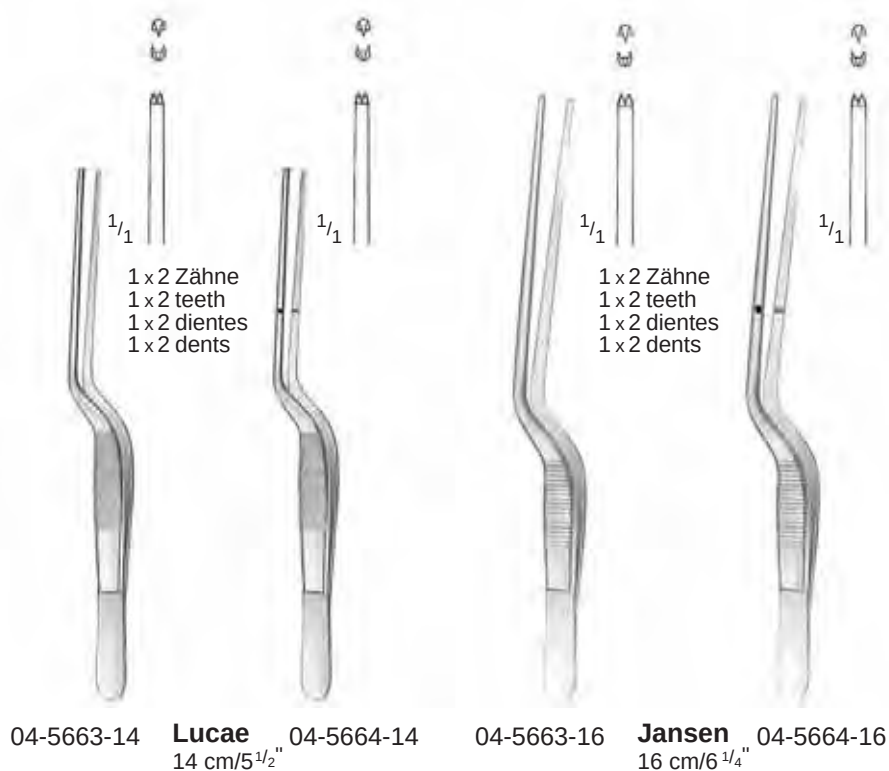


04



cm inch.

16	6 1/4	04-5655-16	04-5656-16
17	6 3/4	04-5655-17	04-5656-17
19	7 1/2	04-5655-19	04-5656-19
21	8 1/4	04-5655-21	04-5656-21



Wundrand- und Klammeranlegepinzetten
 Approximation- and Clip Applying Forceps
 Pinzas para poner agujas y pinzas para juntar los bordes de la herida
 Pincers pour rapprocher les lèvres d'une incision et poser les agrafes

mit Klammerhalter
 with clip holder
 con porta-agrafas (grappas)
 avec magasin

**Childe**

18 cm/7"

04-5710-18

Childe

18 cm/7"

04-5711-18

**Michel**12 cm/4³/₄"

04-5720-12

**Wachenfeldt**12 cm/4³/₄"

04-5730-12

**Ochsner**14,5 cm/5³/₄"

04-5760-14

Ligaturpinzette
 Ligature Carrier
 Pinza para ligaduras
 Pince à ligatures

انواع پنست

Verschiedene Pinzetten

Various Forceps

Varias pinzas

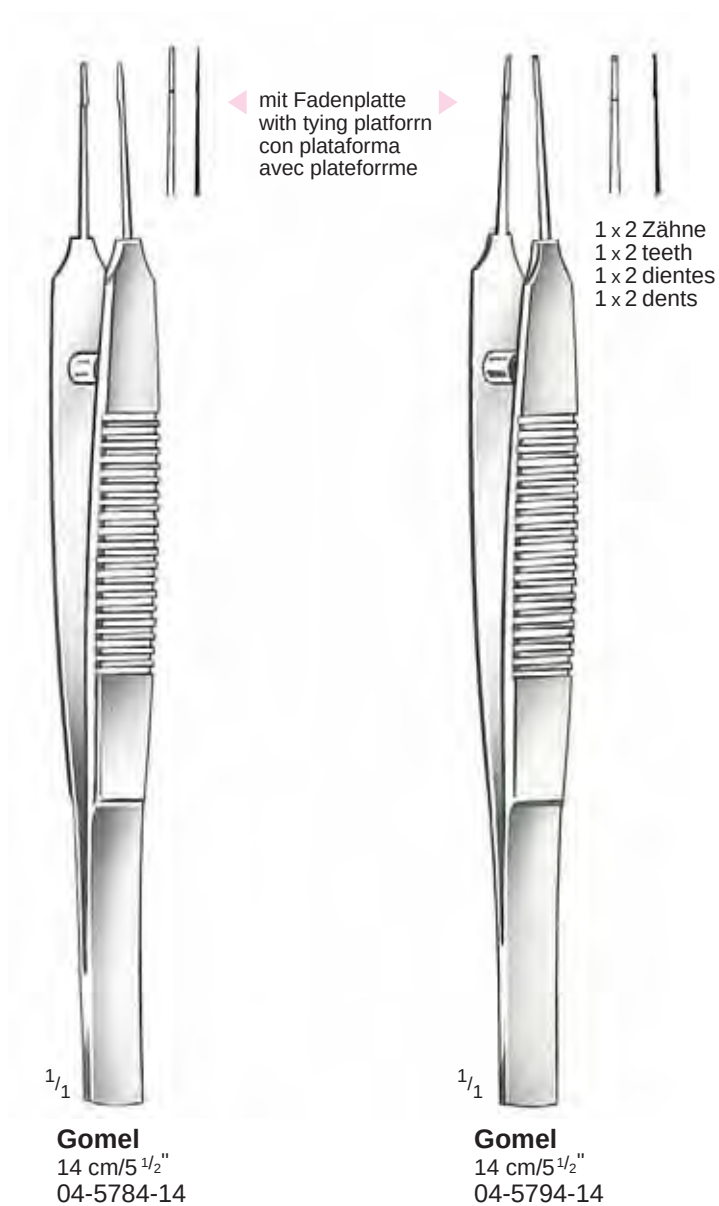
Pinces diverses



Univer®

04

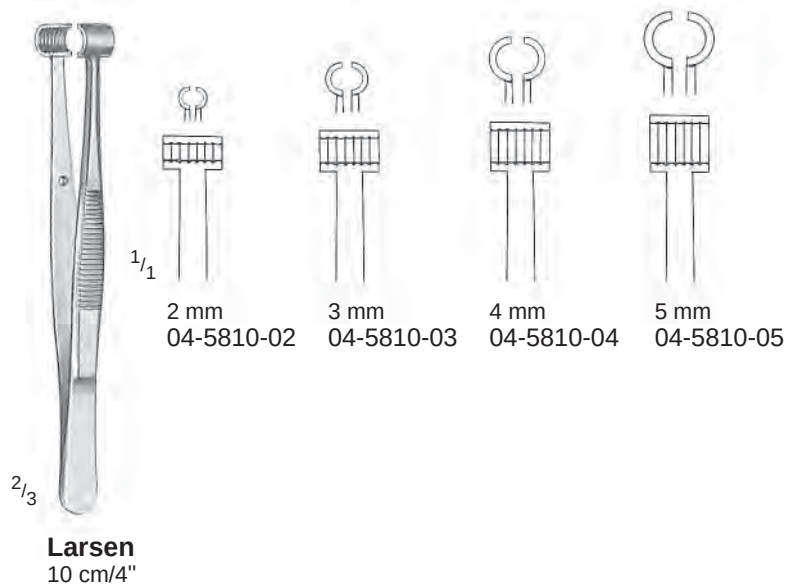
Knüpfpinzetten
Knotting Forceps
Pinzas para poner ligaduras
Pinces à poser des ligatures



انواع پنست

Verschiedene Pinzetten
Various Forceps
Varias pinzas
Pinces diverses

Handchirurgie - Sehnen-Faßpinzetten
Hand Surgery - Tendon Grasping Forceps
Cirugía de la mano - Pinzas para coger tendones
Chirurgie de la main - Pinces pour préhension des tendons



Sterilisierpinzetten
Sterilizing Forceps
Pinzas para esterilización
Pinces à stérilisation

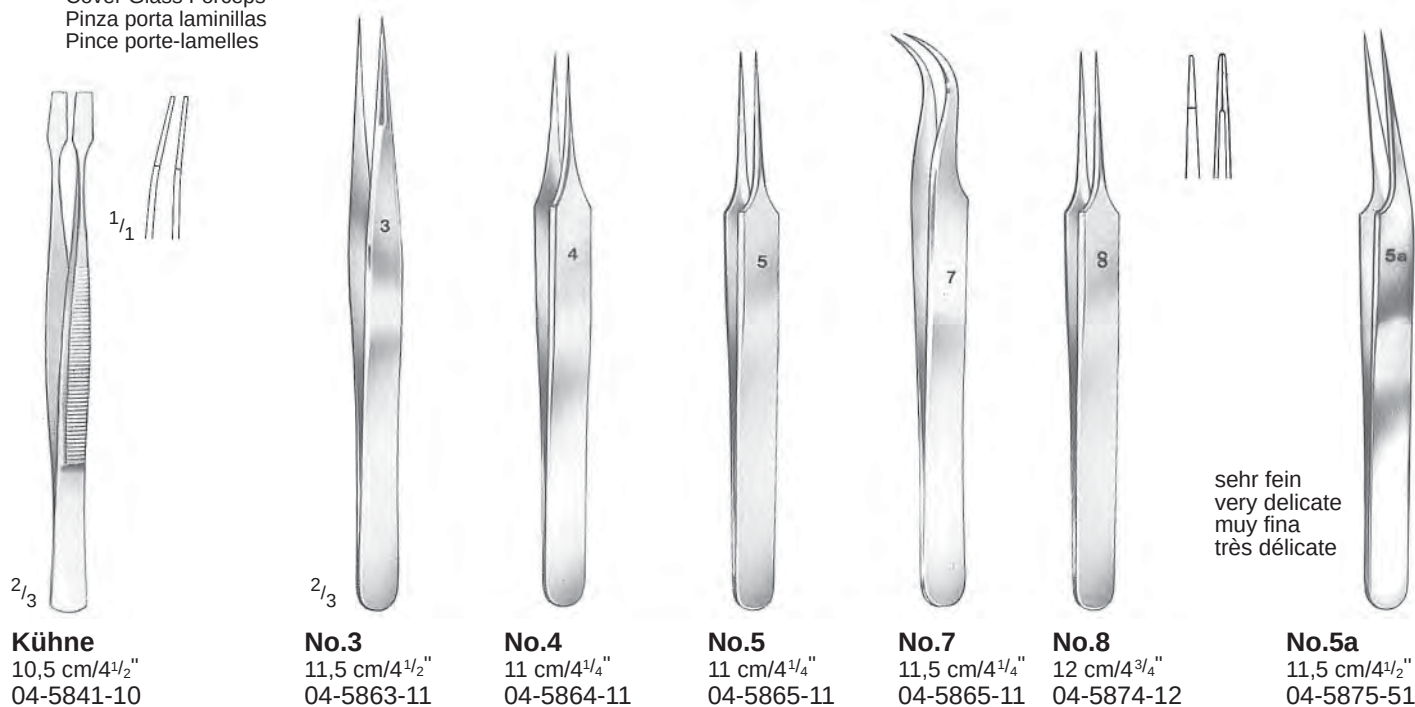
Davis

cm	inch.	
16	6 1/4	04-5821-16
20	8	04-5821-20
24	9 1/2	04-5821-24



Deckglaspinzette
Cover Glass Forceps
Pinza porta laminillas
Pince porte-lamelles

Uhrmacherpinzetten
Jeweller's Forceps
Pinzas para relojero
Précelles pour horloger





$\frac{1}{1}$

No.5/45
11 cm/4 $\frac{1}{2}$ "
04-5875-45
extra fein
extra delicate
extra muy fina
extra délicate



$\frac{1}{1}$

No.7
11,5 cm/4 $\frac{1}{2}$ "
04-5877-11
sehr fein
very delicate
muy fina
très délicate



$\frac{1}{1}$

No.7a
11,5 cm/4 $\frac{1}{2}$ "
04-5877-71
fein
delicate
fina
délicate



$\frac{1}{1}$

No.SS
13,5 cm/5 $\frac{1}{4}$ "
04-5877-88
fein
delicate
fina
délicate

پنست در آوردن تراشه خارجی

Splitterpinzetten
Splinter Forceps
Pinzas para espinas
Pincas à échardes



Feilchenfeld



Hunter



Walter-Carmalt

cm inch.

7,5 3 04-5902-07

9 3 1/2 04-5902-09

10,5 4 1/4

04-5906-10

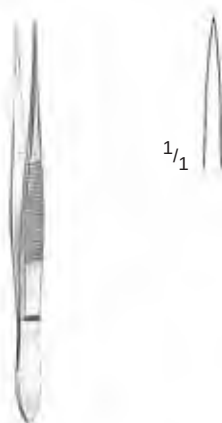
04-5907-10

04-5908-10

04-5909-10

11,5 4 1/2 04-5902-11

mit Führungsstift
with guide pin
con espiga de guía
avec repères



1/1



cm inch.

8 3 1/4 04-5920-08

04-5921-08

04-5922-08

04-5923-08

9 3 1/2 04-5920-09

04-5921-09

04-5922-09

04-5923-09

10,5 4 1/4 04-5920-10

04-5921-10

04-5922-10

04-5923-10

11,5 4 1/2 04-5920-11

04-5921-11

04-5922-11

04-5923-11

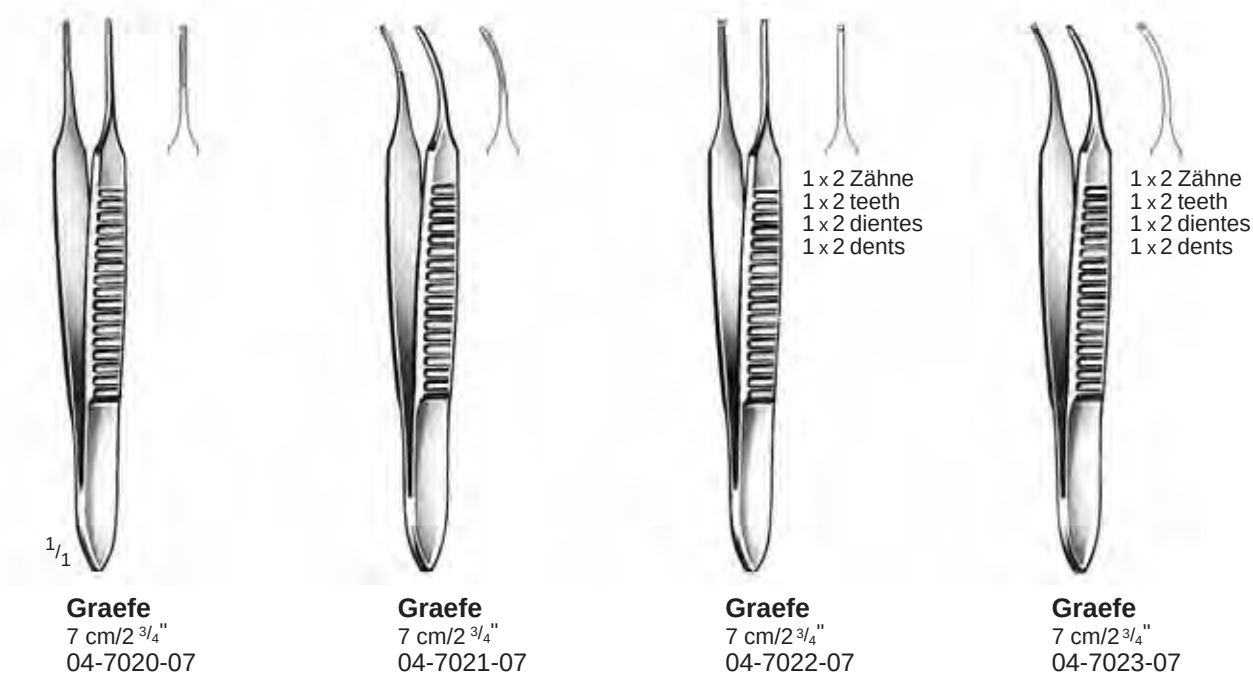
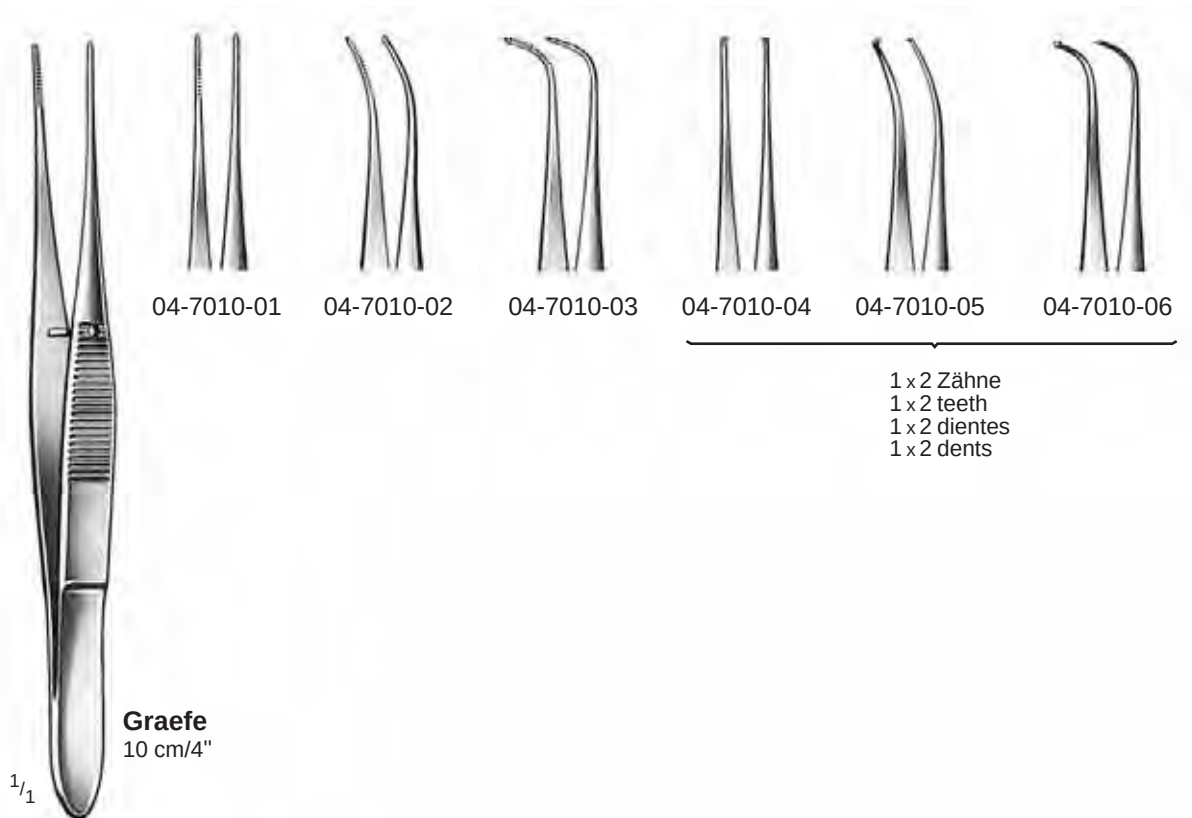
12,5 5 04-5920-12

04-5921-12

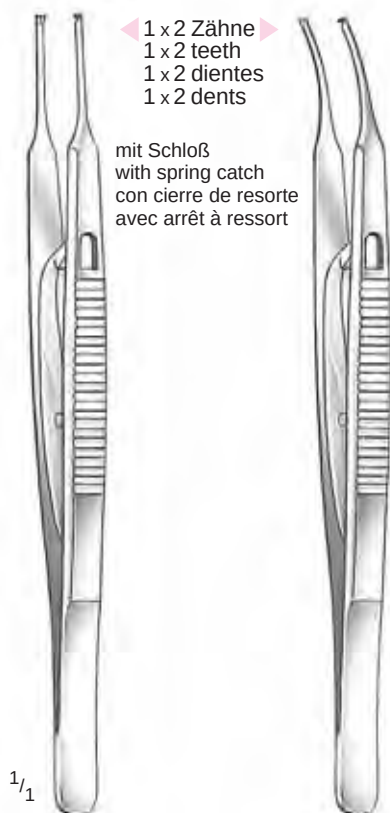
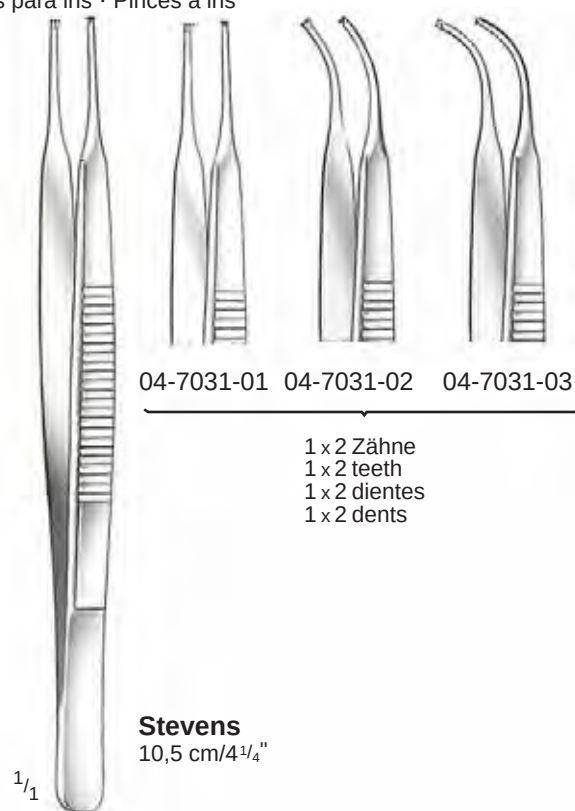
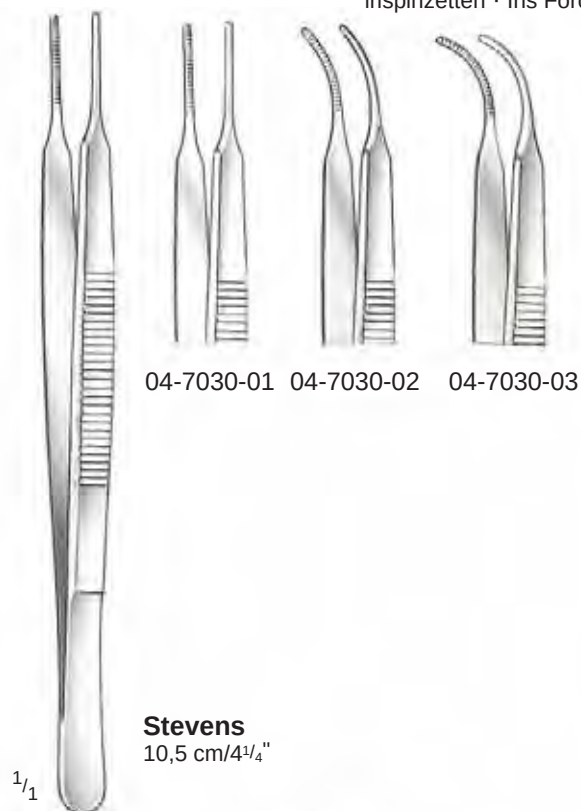
04-5922-12

04-5923-12

Irispinzetten
 Iris Forceps
 Pinzas para iris
 Pincers à iris



Irispinzetten · Iris Forceps · Pinzas para iris · Pincers à iris



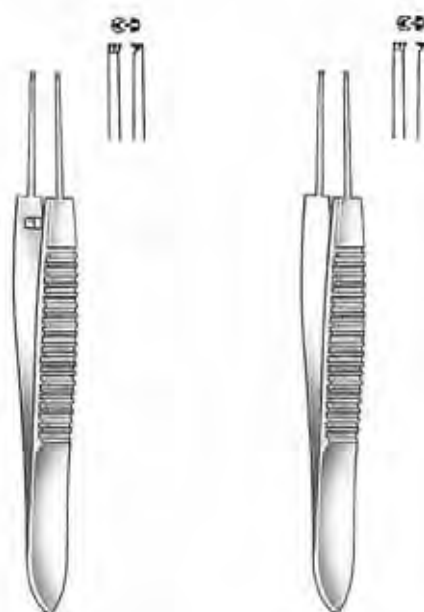
Stevens
10,5 cm/4 1/4"
04-7034-10

Stevens
10,5 cm/4 1/4"
04-7035-10



Elliot
10 cm/4"
04-7045-10

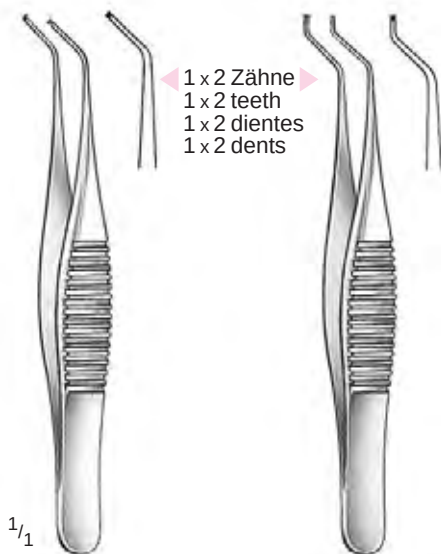
Abb. stark vergrößert
highly enlarged illustration
ilustración fuertemente ampliada
illustration fortement agrandie



Mod.Bonn
7 cm/2 3/4"
04-7050-07

Mod.Bonn
7 cm/2 3/4"
04-7052-07

Irispinzetten · Iris Forceps · Pinzas para iris · Pincers à iris



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

1/1

Hess
7 cm/2 3/4"
04-7061-07



Hess
7 cm/2 3/4"
04-7063-07



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

Hess
10 cm/4"
04-7065-10



Hess
10 cm/4"
04-7067-10



Fuchs
7 cm/2 3/4"
04-7075-07



1/1

Fischer
7 cm/2 3/4"
04-7081-07



Fischer-Arlt
7 cm/2 3/4"
04-7083-07



Abbildung stark vergrößert
highly enlarged illustration
Ilustración fuertemente
ampliada
illustration fortement
agrandie

Gill
7,5 cm/3"
04-7091-07



Abbildung stark vergrößert
highly enlarged illustration
Ilustración fuertemente
ampliada
illustration fortement
agrandie

Gill-Hess
7,5 cm/3"
04-7093-07

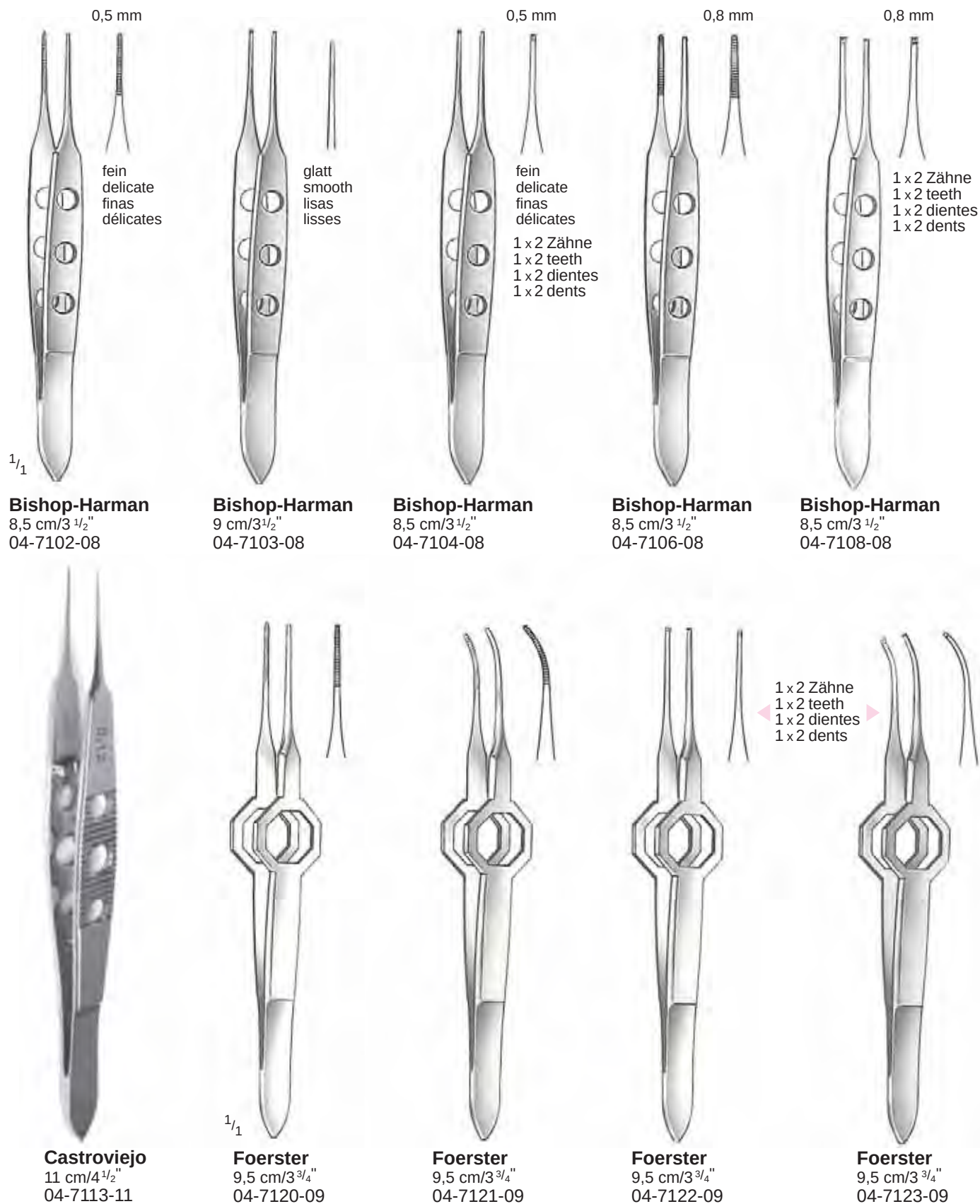


Abbildung stark vergrößert
highly enlarged illustration
Ilustración fuertemente
ampliada
illustration fortement
agrandie

Zähne unten
teeth below
dientes abajo
dents en bas

Gill-Hess
7,5 cm/3"
04-7095-07

Irispinzetten · Iris Forceps · Pinzas para iris · Pincers à iris



پنست چشمی

Augenpinzetten
Eye Forceps
Pinzas para ojo
Pincers oculaires



04

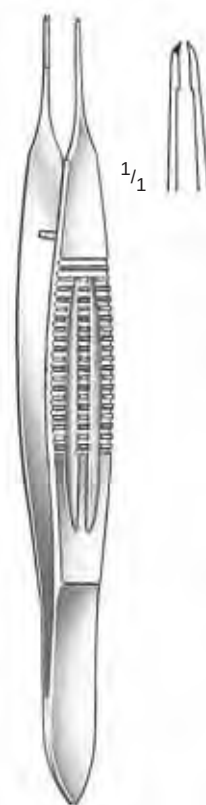
Nahtpinzetten mit Fadenplatte
Suture Forceps with tying platform
Pinzas para sutura con plataforma
Pincers à sutures avec plateforme



Castroviejo
10 cm/4"



Castroviejo
10 cm/4"



Castroviejo
10,5 cm/4 1/2"



Castroviejo
10,5 cm/4 1/2"
04-7221-05

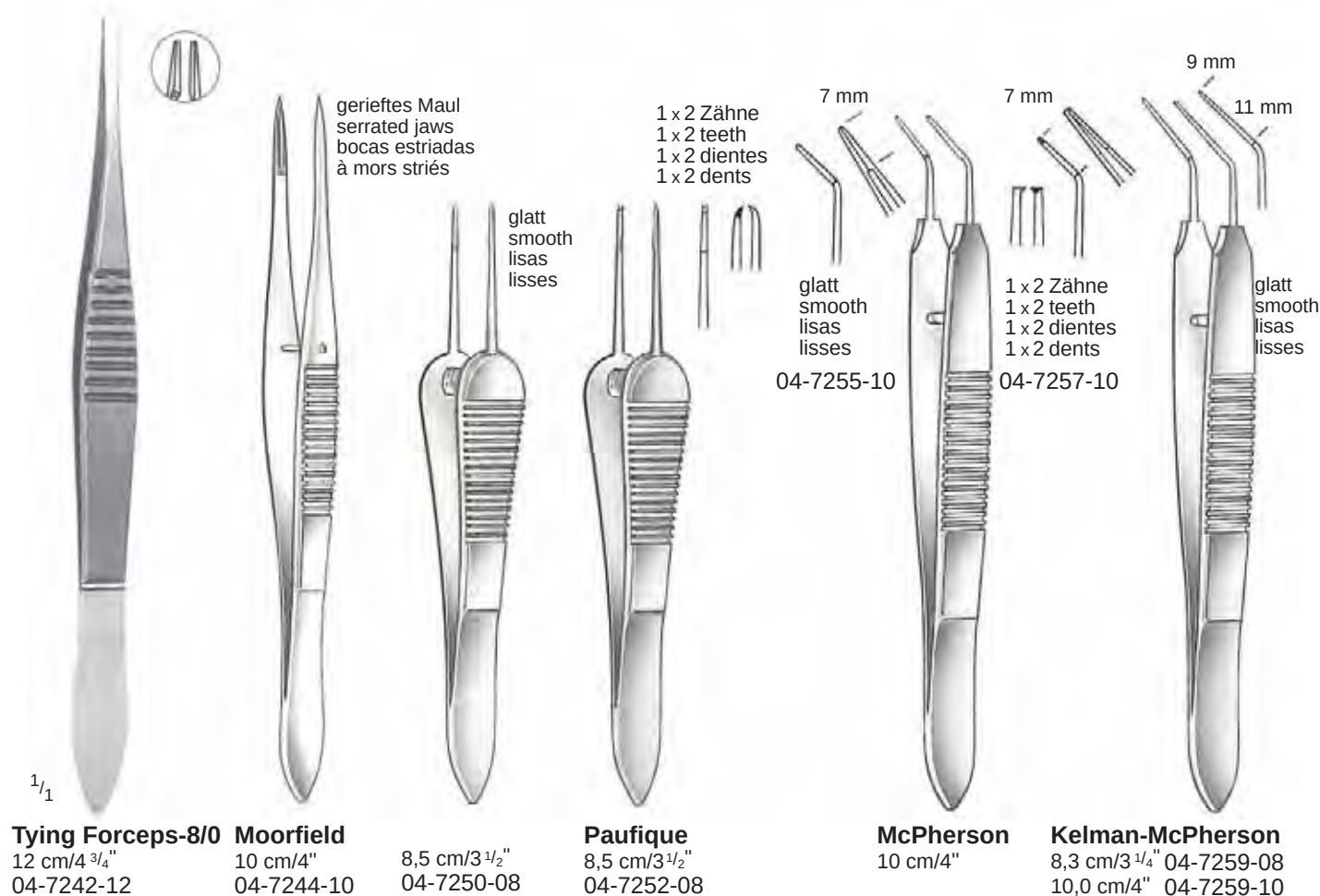
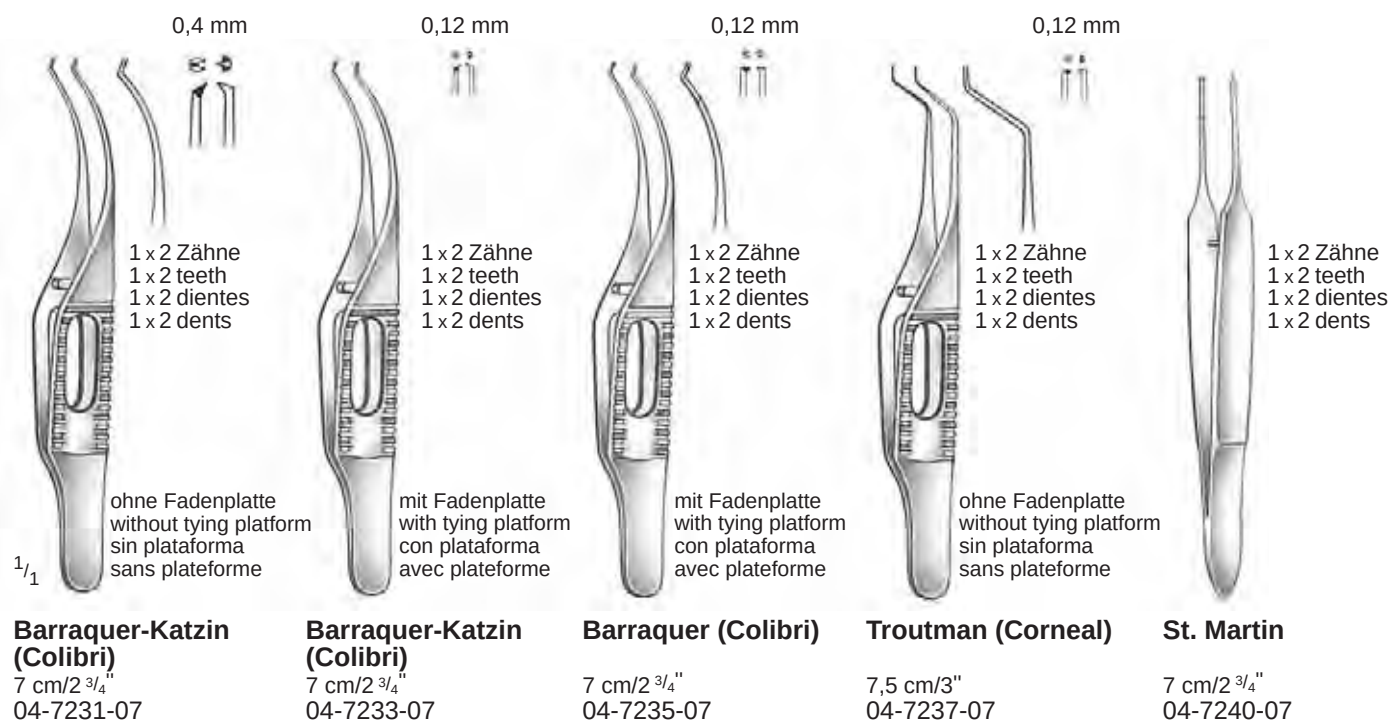


Castroviejo
10 cm/4"

04-7224-10

Zahnbreite
width of teeth
ancho de dientes
largeur des dents

0,12 mm	04-7210-01		04-7220-01
0,3 mm	04-7210-03		04-7220-03
0,5 mm	04-7210-05	04-7211-05	04-7220-05
0,9 mm	04-7210-09	04-7211-09	04-7220-09
1,5 mm	04-7210-15	04-7211-15	04-7220-15



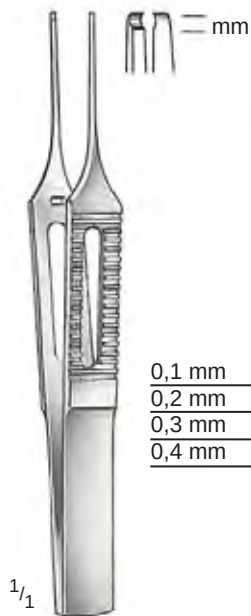
پنست چشمی

Augenpinzetten
Eye Forceps
Pinzas para ojo
Pincers oculaires



04

Skeletonpinzetten, Fixierpinzetten, Nahtpinzetten
Skeleton Forceps, Fixation Forceps, Suture Forceps
Pinzas de esqueleto, pinzas de fijación, pinzas para sutura
Pincers à skeleton, pincers à fixer, pincers à sutures



Pierse
8 cm/3 1/4"



gerade
straight
rectas
droits



mit Fadenplatte
with tying platform
con plataforma
avec plateforme



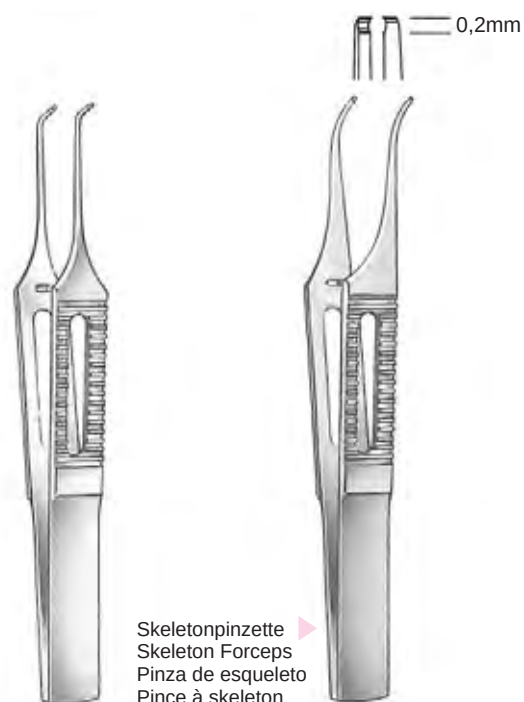
gewinkelt
angled
acodadas
coudées

0,1 mm	04-7308-01	04-7318-01	04-7328-01
0,2 mm	04-7308-02	04-7318-02	04-7328-02
0,3 mm	04-7308-03	04-7318-03	04-7328-03
0,4 mm	04-7308-04	04-7318-04	04-7328-04

Skeletonpinzette
Skeleton Forceps
Pinzas de esqueleto
Pincers à skeleton

Nahtpinzette
Suture Forceps
Pinzas para sutura
Pincers à sutures

Fixierpinzette
Fixation Forceps
Pinzas de fijación
Pincers à fixer



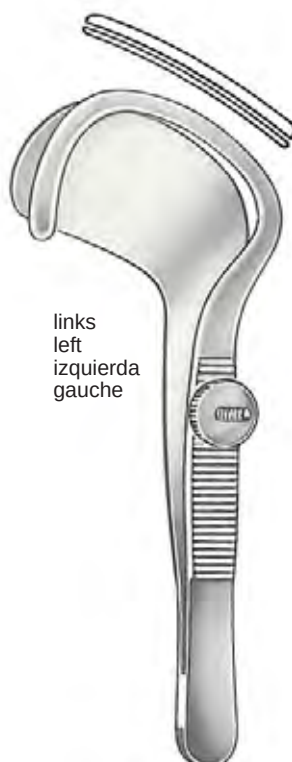
Pierse (Colibri)
8 cm/3 1/4"

Pierse
8 cm/3 1/4"
04-7329-02

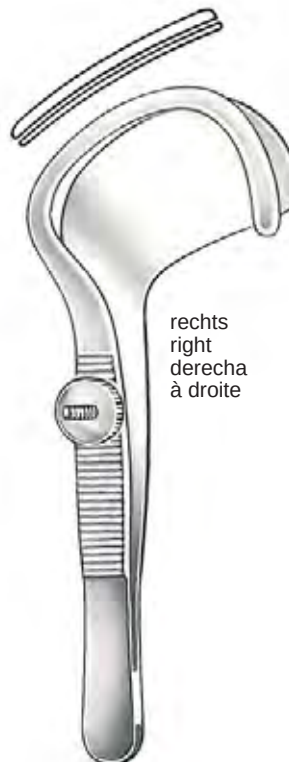
Entropiumpinzetten
Entropium Forceps
Pinzas de entropión
Pincers à entropion



Erhardt
9 cm/3 1/2"
04-7350-09



links
left
izquierda
gauche



rechts
right
derecha
à droite

Snellen
10 cm/4"
04-7360-01 04-7360-02

پنست چشمی

Augenpinzetten

Eye Forceps

Pinzas para ojo

Pincers oculaires

Kapselpinzetten · Capsular Forceps · Pinzas capsulares · Pincers capsulaires



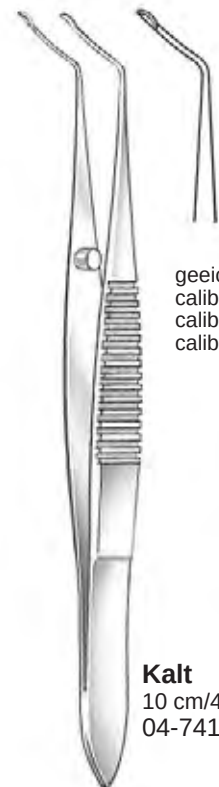
Castroviejo
10 cm/4"
04-7405-10



Castroviejo
10 cm/4"
04-7407-10



Kalt
10 cm/4"
04-7411-10



Kalt
10 cm/4"
04-7413-10

geëicht
calibrated
calibrada
calibrée



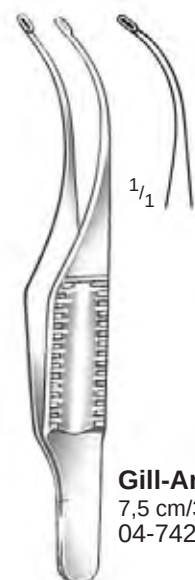
Arruga
10 cm/4"
04-7421-10



Arruga
10 cm/4"
04-7423-10



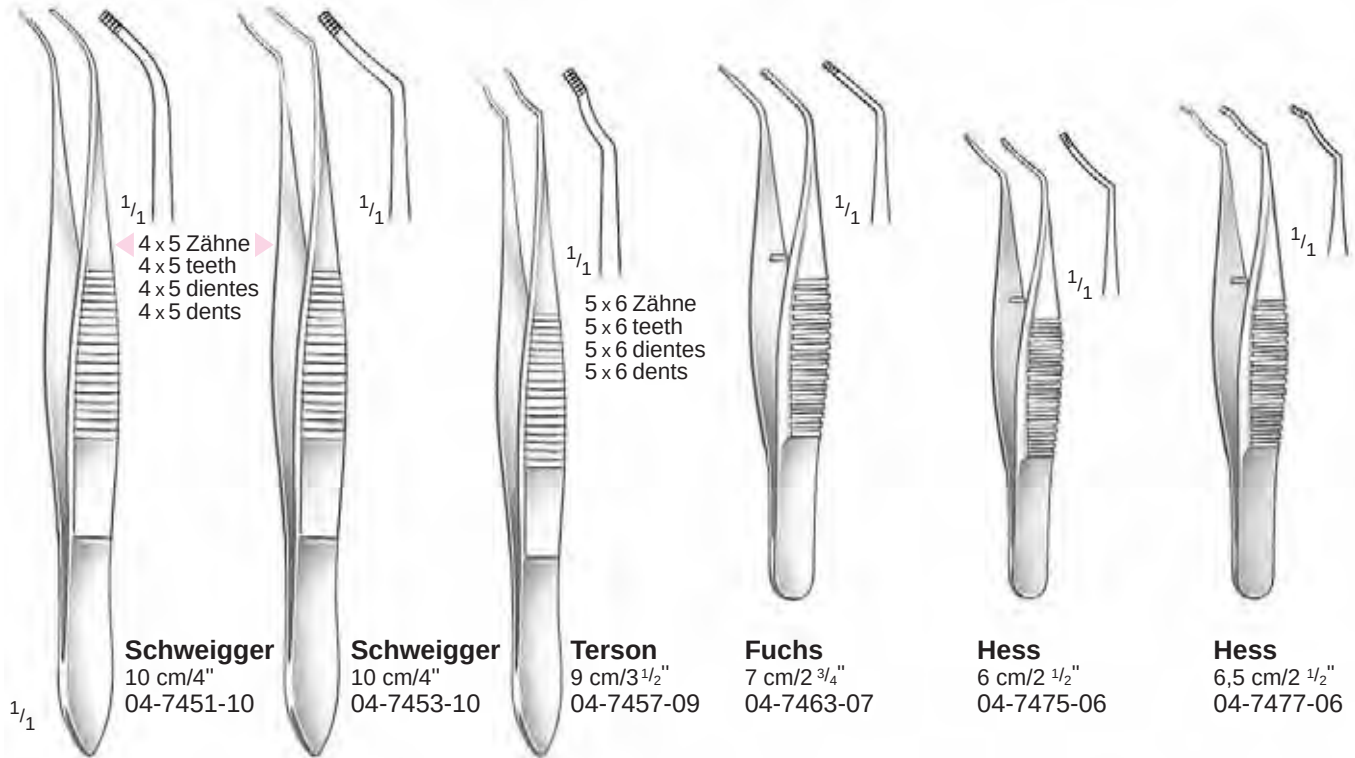
Arruga
10 cm/4"
04-7425-10



Gill-Arruga
7,5 cm/3"
04-7427-07



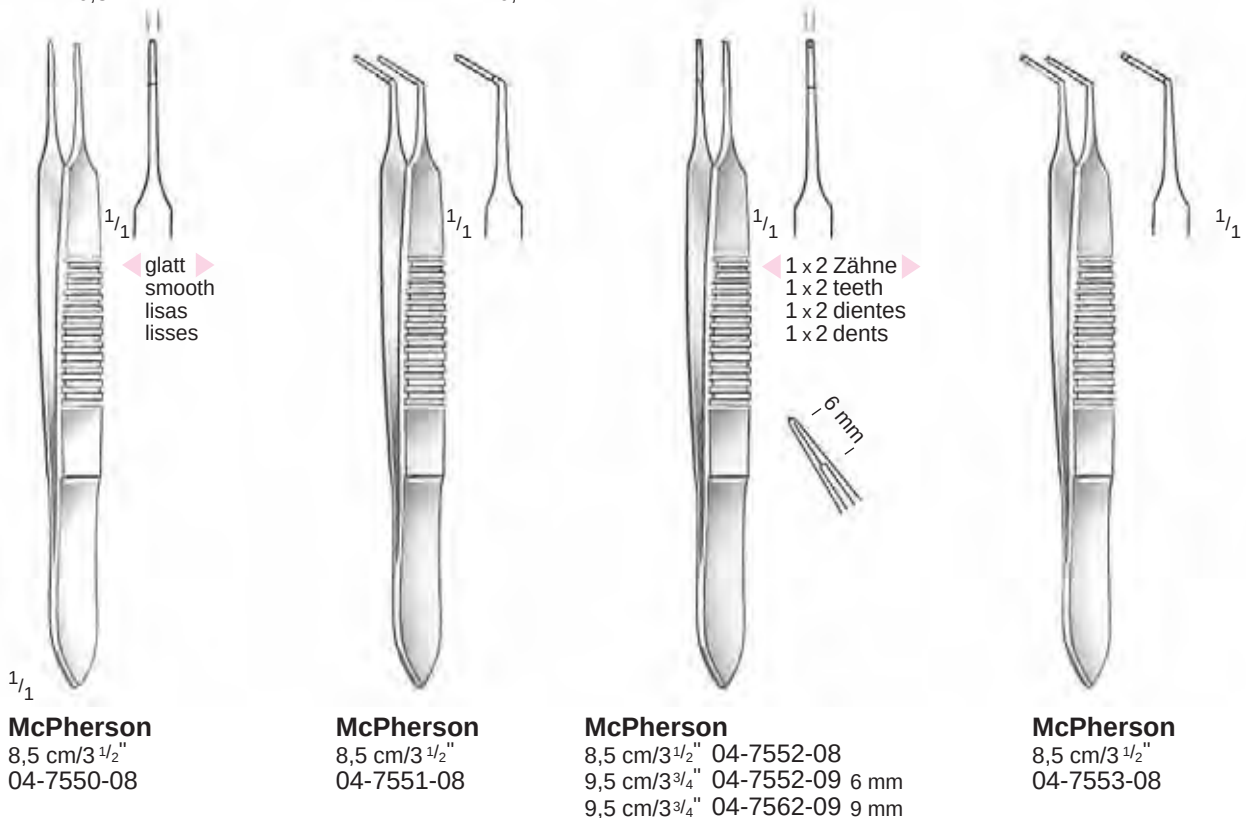
Kapselpinzetten · Capsular Forceps · Pinzas capsulares · Pincers capsulaires



Mikropinzetten mit Fadenplatte - Micro Forceps with tying platform
Micropinzas con plataforma - Micropincers avec plateforme

0,3

0,12





پنست چشمی

Augenpinzetten

Eye Forceps

Pinzas para ojo

Pincers oculaires



Nahtpinzetten
Suture Forceps
Pinzas para sutura
Pincers à sutures

glatt
smooth
lisas
lisses

mit Fadenplatte
with tying platform
con plataforma
avec plateforme

Mod. Tübingen

10 cm/4"

04-7570-10

**Barraquer modif.**

10,5 cm/4"

04-7580-10

**Castroviejo Forceps**

10 cm/4"

0,4 mm

04-7584-10

**Tying Forceps-10/0**

10 cm/4"

04-7588-10

پنست چشمی

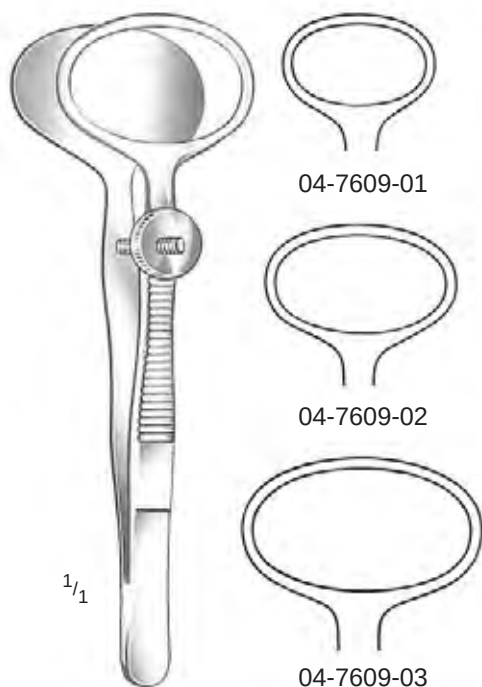
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pincers oculaires



Univer®

04

Chalazionspinzetten • Chalazion Forceps • Pinzas de chalazión • Pincers à chalazion

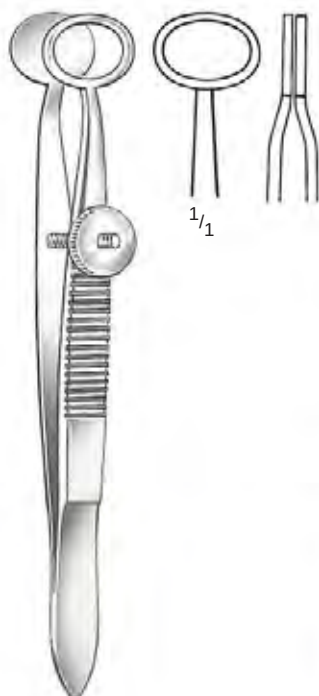


04-7609-01

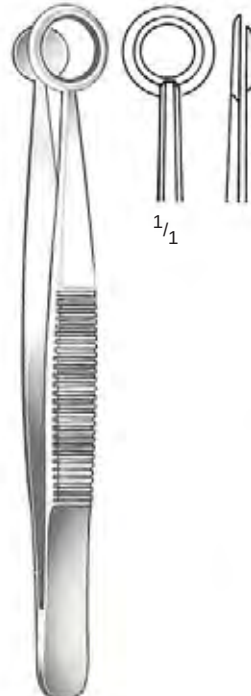
04-7609-02

04-7609-03

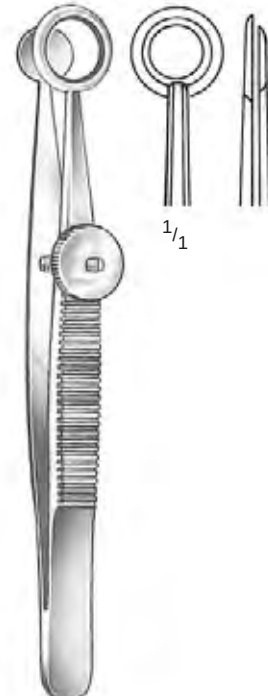
Desmarres
9 cm/3 1/2"



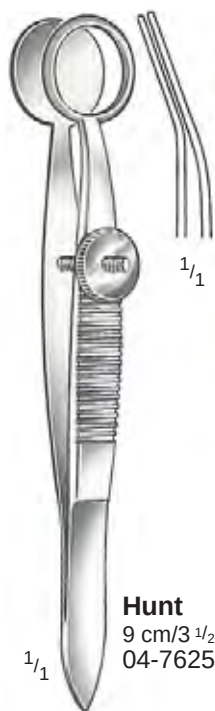
Baird
9,5 cm/3 3/4"
04-7612-09



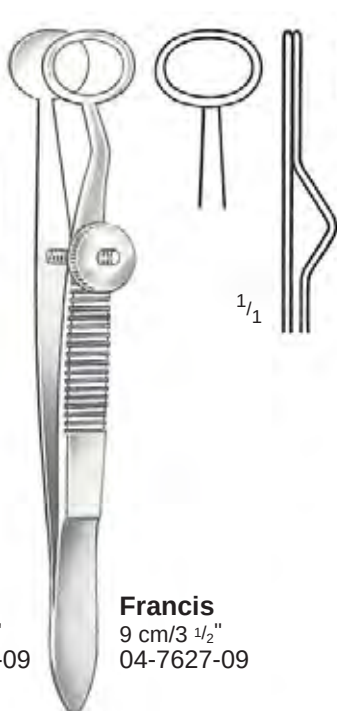
Ayer
9 cm/3 1/2"
04-7620-09



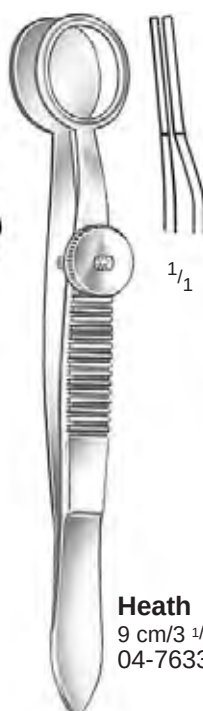
Ayer
9 cm/3 1/2"
04-7622-09



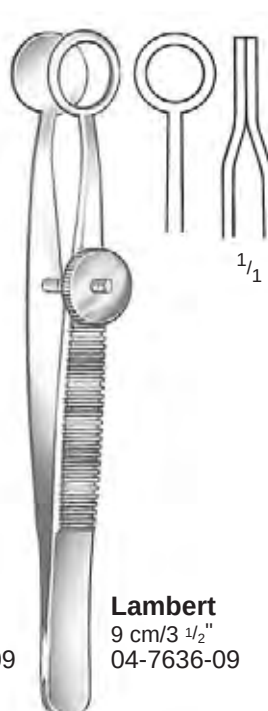
Hunt
9 cm/3 1/2"
04-7625-09



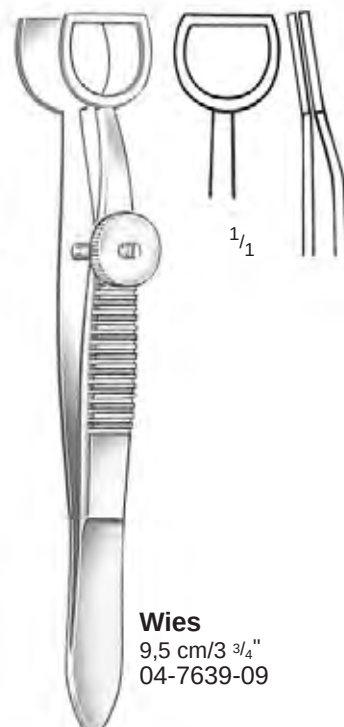
Francis
9 cm/3 1/2"
04-7627-09



Heath
9 cm/3 1/2"
04-7633-09



Lambert
9 cm/3 1/2"
04-7636-09



Wies
9,5 cm/3 3/4"
04-7639-09

Fixierpinzetten, Faßpinzetten
Fixation and Grasping Forceps
Pinzas de fijación y de aprehensión
Pincers à fixer et à saisir



1/1

Castroviejo
9 cm/3 1/2"
04-7702-09



Castroviejo
9 cm/3 1/2"
04-7703-09



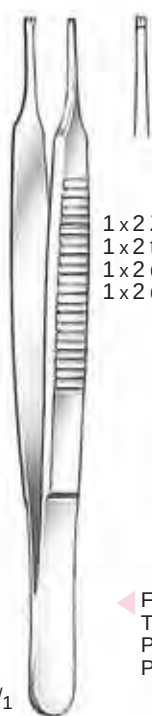
Castroviejo
9 cm/3 1/2"
04-7704-09



Castroviejo
9 cm/3 1/2"
04-7705-09



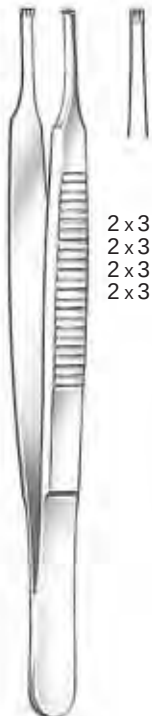
Elschnig
11 cm/4 1/2"
04-7710-11



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

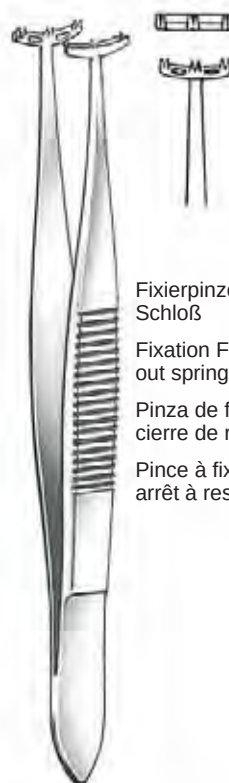
1/1

Lester
9,5 cm/3 3/4"
04-7720-09



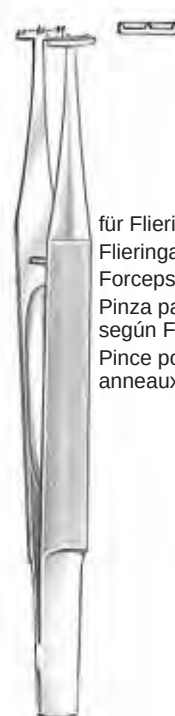
2 x 3 Zähne
2 x 3 teeth
2 x 3 dientes
2 x 3 dents

Lester
9,5 cm/3 3/4"
04-7722-09



Fixierpinzette, ohne
Schloß
Fixation Forceps, with-
out spring catch
Pinza de fijación, sin
cierre de resorte
Pince à fixer, sans
arrêt à ressort

Barraquer
10 cm/4"
04-7730-09



für Flieringa-Ringe
Flieringa Ring
Forceps
Pinza para anillos
según Flieringa
Pince pour les
anneaux de Flieringa

Barraquer-Llovera
9 cm/3 1/2"
04-7736-09

Faßpinzetten
Tissue Forceps
Pinzas con dientes
Pincers à griffes

انواع پنست چشمی

Verschiedene Augenpinzetten

Various Eye Forceps

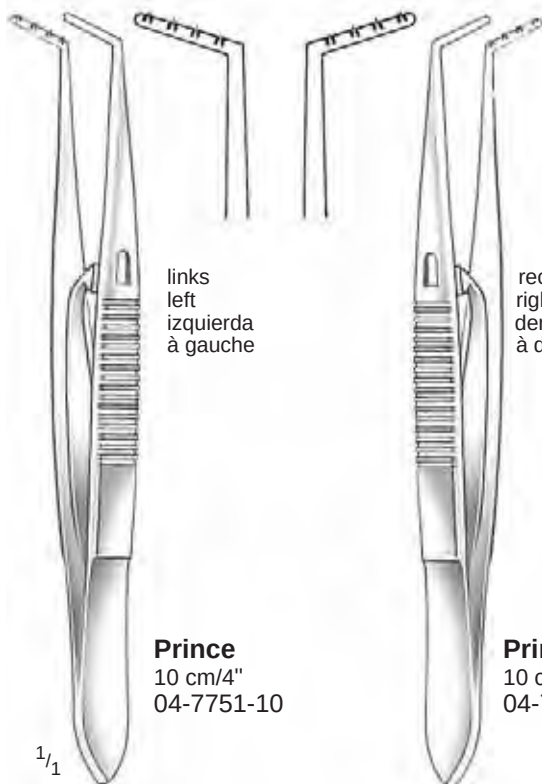
Varias pinzas para ojo

Pinces oculaires diverses



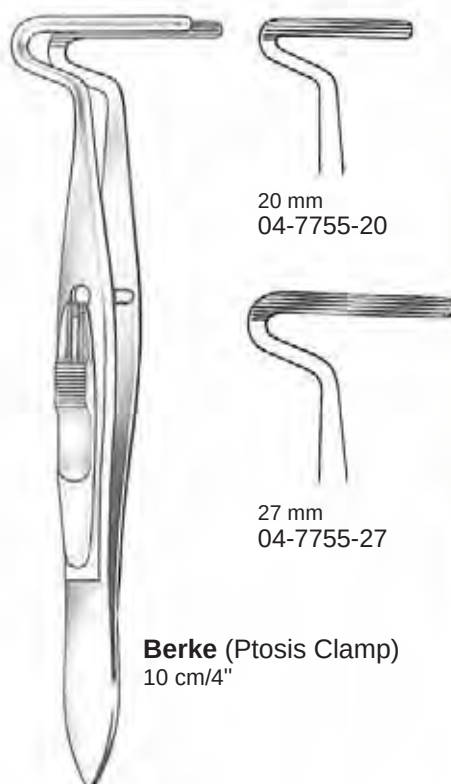
04

Muskelpinzetten • Muscular Forceps • Pinzas musculares • Pinces musculaires



Prince
10 cm/4"
04-7751-10

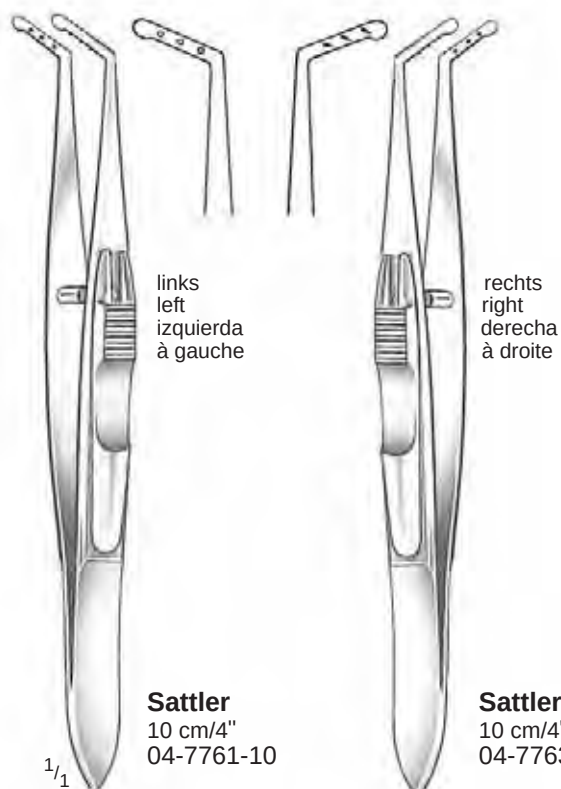
Prince
10 cm/4"
04-7753-10



Berke (Ptosis Clamp)
10 cm/4"

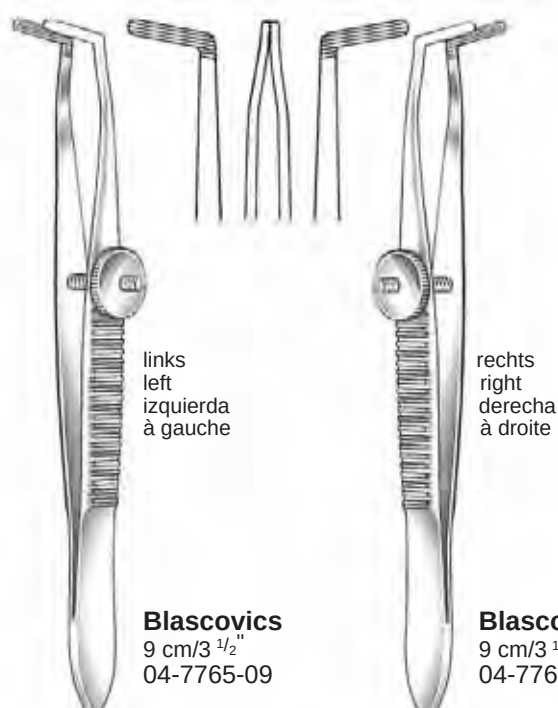


Corydon ferceps
11,5 cm/4 1/2"
04-7769-11



Sattler
10 cm/4"
04-7761-10

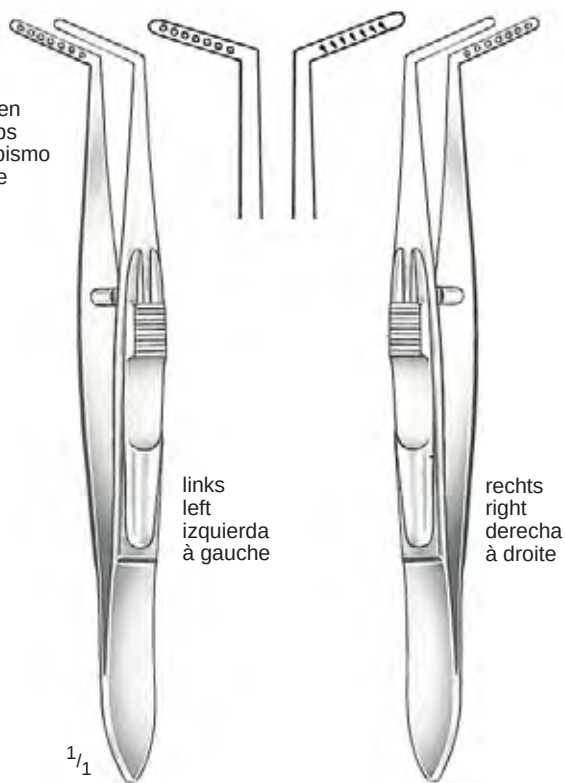
Sattler
10 cm/4"
04-7763-10



Blascovics
9 cm/3 1/2"
04-7765-09

Blascovics
9 cm/3 1/2"
04-7767-09

Strabismuspinzetten
Strabismus Forceps
Pinzas para estrabismo
Pincas à strabisme

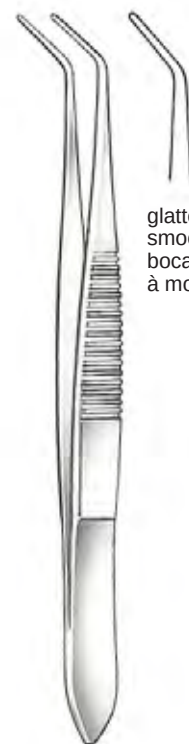


Jameson
10 cm/4"
04-7810-01

Jameson
10 cm/4"
04-7810-02

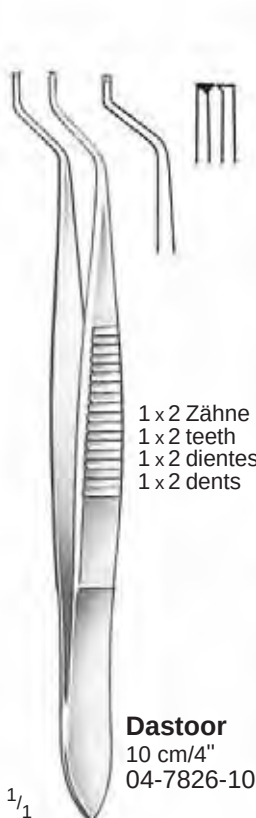


Nugent
9,5 cm/3 3/4"
04-7820-10

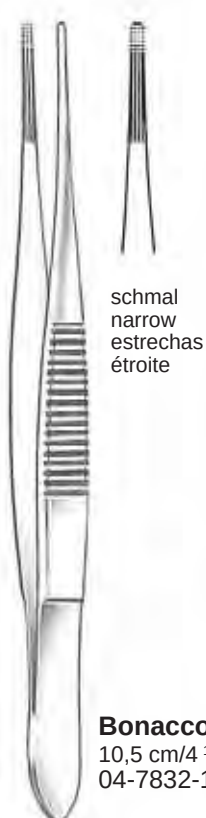


glattes Maul
smooth jaws
bocas lisas
à mors lises

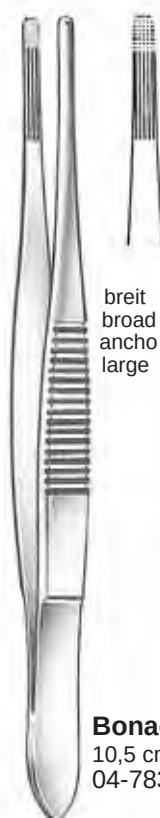
Nugent
9,5 cm/3 3/4"
04-7822-10



Dastoor
10 cm/4"
04-7826-10



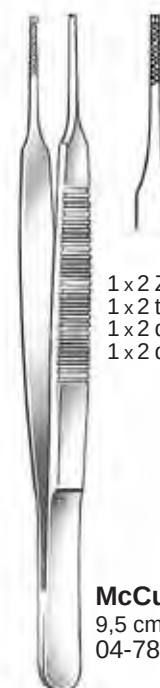
Bonaccolto
10,5 cm/4 1/2"
04-7832-10



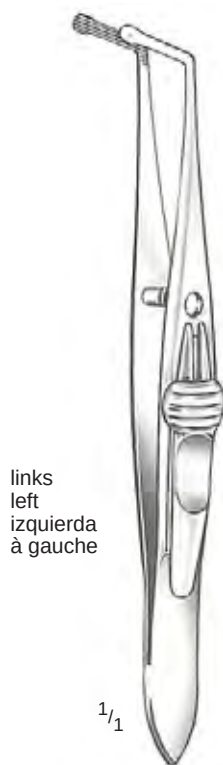
Bonaccolto
10,5 cm/4 1/2"
04-7834-10



McCullough
9,5 cm/3 3/4"
04-7840-09



McCullough
9,5 cm/3 3/4"
04-7842-09

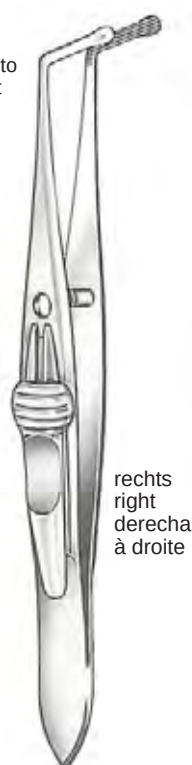


links
left
izquierda
à gauche

$\frac{1}{1}$

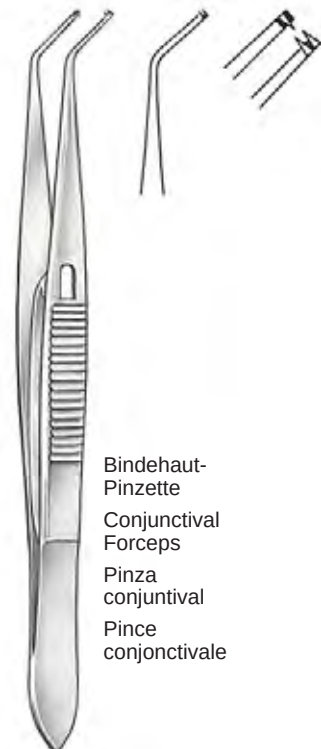
Worth
10 cm/4"
04-7850-01

Vorlagerungspinzetten
Advancement Forceps
Pinzas para avanzamiento
Pincers pour avancement



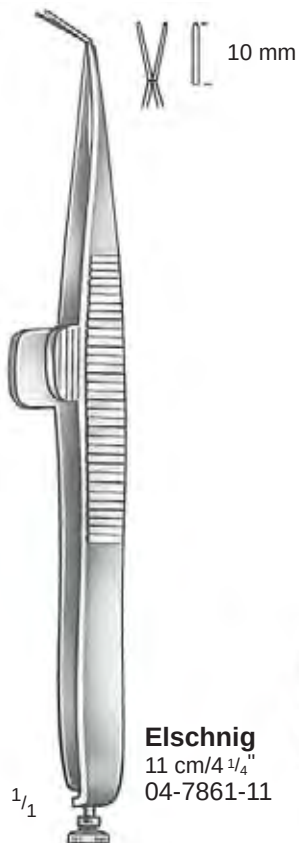
rechts
right
derecha
à droite

Worth
10 cm/4"
04-7850-02



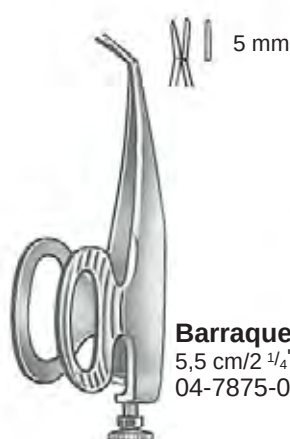
Bindehaut-
Pinzette
Conjunctival
Forceps
Pinza
conjuntival
Pince
conjonctivale

O'Connor
10 cm/4"
04-7856-10

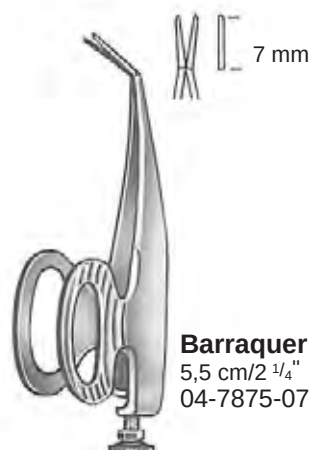


Elschnig
11 cm/4 1/4"
04-7861-11

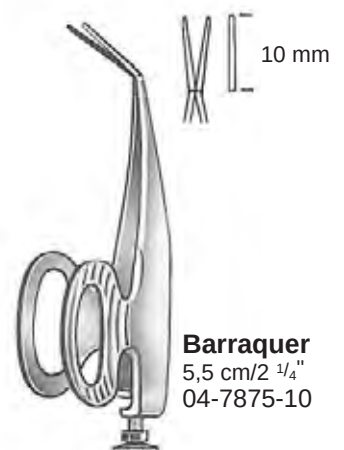
Vorderkammerpinzetten
Anterior Chamber Forceps
Pinzas para la cámara anterior
Pincers pour chambre antérieure



Barraquer
5,5 cm/2 1/4"
04-7875-05



Barraquer
5,5 cm/2 1/4"
04-7875-07



Barraquer
5,5 cm/2 1/4"
04-7875-10

پنست چشمی

Augenpinzetten
Eye Forceps
Pinzas para ojo
Pinces oculaires

Cilienpinzetten, Fremdkörperpinzetten
 Cilia Forceps, Foreign Body Forceps

Pinzas depilatorias, pinzas para cuerpos extraños
 Pince à épiler les cils, pinzas à corps étrangers



1/1

Schaaf
 9,5 cm/3 3/4"
 04-7901-09



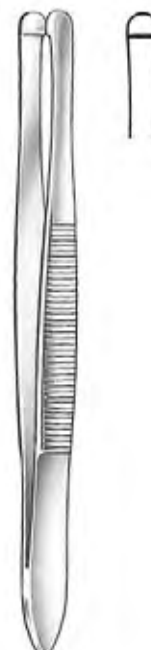
Douglas
 9 cm/3 1/2"
 04-7910-09



Douglas
 9 cm/3 1/2"
 04-7912-09



Littauer
 8,5 cm/3 1/2"
 04-7916-08



Beer
 8 cm/3 1/6" 04-7920-08
 9 cm/3 1/2" 04-7920-09

Fremdkörperpinzette
 Foreign Body Forceps
 Pinza para cuerpos extraños
 Pince pour corps étrangers



1/1

Beer
 8 cm/3 1/6" 04-7924-08
 9 cm/3 1/2" 04-7924-09



Ziegler
 9 cm/3 1/2"
 04-7930-09



9 cm/3 1/2"
 04-7936-09



Bergh
 10,5 cm/4 1/4"
 04-7940-10



Barraquer
 10,5 cm/4 1/4"
 04-7951-10

05

Univer[®]



پنست با تیغه تنگستن کار باید دسته طلایی

Atrauma-Pinzetten mit Hartmetalleinlagen Univer Gold -T/C

Atrauma Forceps with Tungsten Carbide Inserts Univer Gold -T/C

Pinzas de disección Atrauma con inserciones de tungsteno Univer Gold -T/C

pinces Atrauma avec plaquettes en carbure de tungstène Univer Gold -T/C



Univer - Made in IRAN



پنست با تیغه تنگستن کارباید دسته طلایی

Atrauma-Pinzetten mit Hartmetalleinlagen

Atrauma Forceps with Tungsten Carbide Inserts

Pinzas de disección Atrauma con inserciones de tungsteno

pinces Atrauma avec plaquettes en carbure de tungstène

6 x 6 Zähne · teeth · dientes · dents
1,5 mm

Ⓕ



1/2

Adson-Brown

1058E-12
12 cm/4 3/4"
1058E-15
15 cm/6"

1,7 mm

Ⓕ



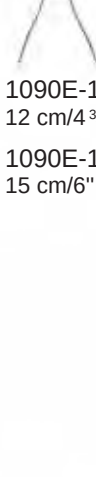
1/2

Adson

1012E-12
12 cm/4 3/4"
1012E-15
15 cm/6"

1 x 2 Zähne · teeth · dientes · dents
1,7 mm

Ⓕ



1/2

Adson

1090E-12
12 cm/4 3/4"
1090E-15
15 cm/6"

1,8 mm

Ⓕ

1030E-17
17 cm/6 3/4"

1/2

Potts-Smith

mit Dissektor-Ende
with dissector end
con cabo raspador
avec bout de rugine

1036E.##

1035E.##

Ⓕ

1/1

1035E-15
15 cm/6"

1036E-15
15 cm/6"



1035E-18
18 cm/7"

1036E-18
18 cm/7"



1035E-20
20 cm/8"

1036E-20
20 cm/8"



1035E-23
23 cm/9"

1036E-23
23 cm/9"



1035E-25
25 cm/10"

1036E-25
25 cm/10"



Potts-Smith

mit Dissektor-Ende
with dissector end
con cabo raspador
avec bout de rugine

پنست با تیغه تنگستن کار باید دسته طلایی

Atrauma-Pinzetten mit Hartmetalleinlagen

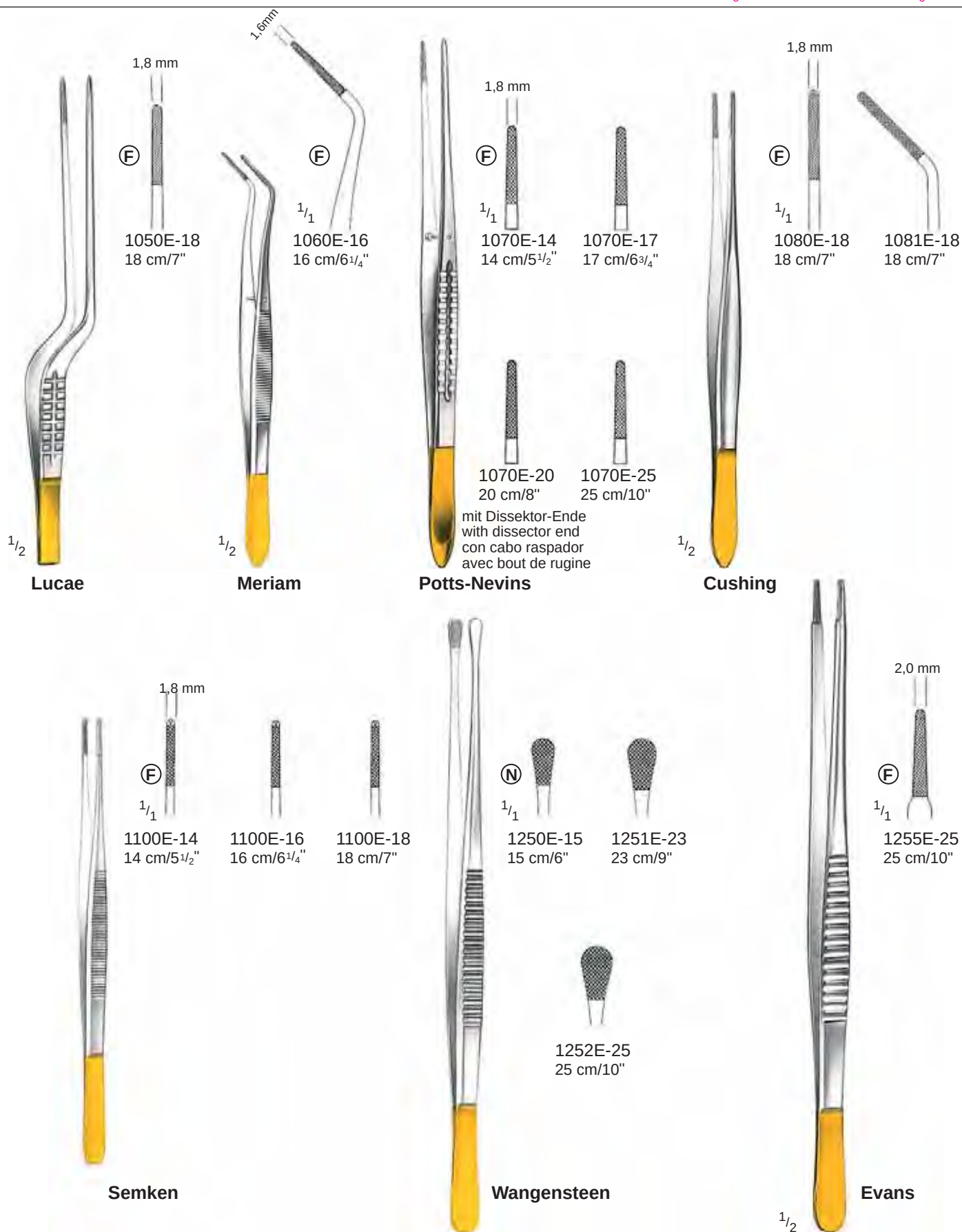
Atrauma Forceps with Tungsten Carbide Inserts

Pinzas de disección Atrauma con inserciones de tungsteno

pincers Atrauma avec plaquettes en carbure de tungstène



05





پنست باتیغه تنگستن کارباید دسته طلایی

Atrauma-Pinzetten mit Hartmetalleinlagen

Atrauma Forceps with Tungsten Carbide Inserts

Pinzas de disección Atrauma con inserciones de tungsteno

pinces Atrauma avec plaquettes en carbure de tungstène



DeBakey

6 x 12 Zähne · teeth · dientes · dents

2,0 mm

$\frac{1}{1}$

1200E-15
15 cm/6"

2,7 mm

1205E-15
15 cm/6"

3,5 mm

1210E-20
20 cm/8"

1201E-20
20 cm/8"

1206E-20
20 cm/8"

1202E-24
24 cm/9½"

1207E-24
24 cm/9½"

1211E-24
24 cm/9½"

6 x 12 Zähne · teeth · dientes · dents

1,5 mm

$\frac{1}{1}$

1215E-15
15 cm/6"

1216E-20
20 cm/8"

1217E-25
25 cm/10"

DeBakey



Gillies
15 cm/6"
1260E-15



Cushing-Taylor
18 cm/7"
1262E-18



Oehler

1303E-15
14,5 cm/5½"

1303E-16
16 cm/6¼"

1303E-18
18 cm/7"

1303E-20
20 cm/8"

1303E-25
25 cm/9¾"

06

Univer®



انواع پنس

Klemmen, Zangen

Forceps, Clamp Forceps

Pinzas, pinzas-clamps

Pinces, pinces-clamps

پنس بولداگ ساده
Bulldogklemmen
Bulldog Clamps
Pinzas Bulldog
Clamps Bulldog



1/1

38 mm/1 1/2"
06-0010-38



38 mm/1 1/2"
06-0011-38



51 mm/2"
06-0010-51



51 mm/2"
06-0011-51



60 mm/2 1/2"
06-0014-60



60 mm/2 1/2"
06-0015-60

Dieffenbach



1/1

38 mm/1 1/2"
06-0031-38



51 mm/2"
06-0031-51



57 mm/2 1/8"
06-0031-57



63 mm/2 1/2"
06-0031-63



70 mm/2 3/4"
06-0031-70



75 mm/3"
06-0031-75



90 mm/3 1/2"
06-0031-90

Johns-Hopkins

Federleichte Bulldogklemmen
Featherlight Bulldog Clamps



1/1

06-0044-31

06-0044-35

06-0044-39

06-0045-30

06-0045-33

06-0045-36

Länge
Length
Largo
Longueur

31 mm

35 mm

39 mm

30 mm

33 mm

36 mm

Maul
Jaws
Boca
Mors

10 mm

14 mm

18 mm

10 mm

14 mm

18 mm

Gewicht
Weight
Peso.
Poids

1gr.

1gr.

1gr.

1gr.

1gr.

1gr.

Druck
Pressure
Presión
Pression

30gr.

30gr.

30gr.

30gr.

30gr.

30gr.



Diethrich

	06-0050-49	06-0050-53	06-0050-59	06-0051-43	06-0051-45	06-0051-50
Länge Length Largo Longueur	49 mm	53 mm	59 mm	43 mm	45 mm	50 mm
Maul Jaws Boca Mors	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
Gewicht Weight Peso. Poids	3gr.	3gr.	3gr.	3gr.	3gr.	3gr.
Druck Pressure Presión Pression	80gr.	80gr.	80gr.	80gr.	80gr.	80gr.



Diethrich

	06-0053-54	06-0055-43	06-0055-49
Länge Length Largo Longueur	54 mm	43 mm	49 mm
Maul Jaws Boca Mors	20 mm	13 mm	18 mm
Gewicht Weight Peso. Poids	3gr.	3gr.	3gr.
Druck Pressure Presión Pression	80gr.	80gr.	80gr.



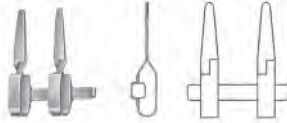
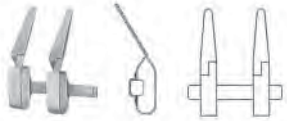
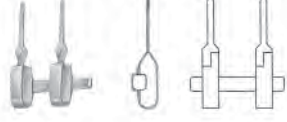
کلیپس آنوریسم

Clipanlegezange, Clips

Clip Applying Forceps, Aneurysm Clips

Pinzas de aplicación, Clips de aneurisma

pincers à poser les clamps, clamps

BIEMER-MÜLLER				
Micro approximators		Jaw opening	Jaw length	Closing force
06-0158-01		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)
06-0158-02		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)
06-0158-03		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)
06-0158-04		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)
06-0158-05		3 mm	4,5 mm	25 - 30 g (0,25 - 0,29 N)
06-0158-06		4 mm	6 mm	30 - 40 g (0,29 - 0,39 N)

کلیپس آنوریسم

Clipanlegezange
Clip Applying Forceps
Pinzas de aplicación
pinces à poser les clamps



06



06-0159-01

06-0159-02

Approximator complete
with key

06-0160-75

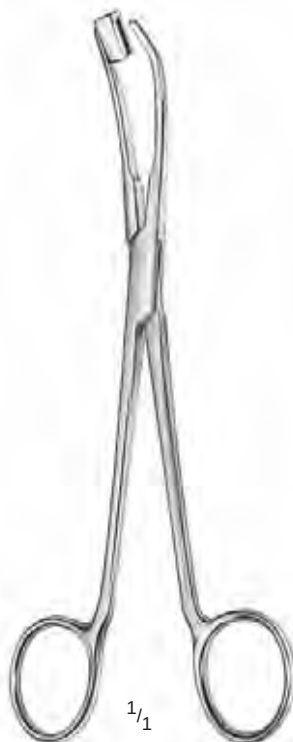


06-0161-01

06-0159-02

Approximator for
nerves complete
with key

06-0161-75



$\frac{1}{1}$

Schwartz
19 cm/7 $\frac{1}{2}$ "
10-570-19

$\frac{1}{1}$



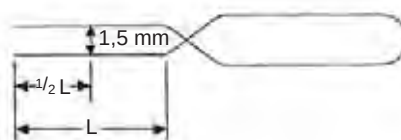
10-0571-01



10-0571-02



10-0571-03



Maullänge L = 10 mm
length of jaw L = 10 mm
largo de boca L = 10 mm
longueur des mors = 10 mm

Maulbreite 1,7 mm
width of jaw 1,7 mm
ancho de boca 1,7 mm
largeur des mors 1,7 mm

Schließdruck bei $\frac{1}{2}$ L und 1,5 mm Öffnung: 7,8 N
Closing Force at $\frac{1}{2}$ L and 1,5 mm opening: 7,8 N
fuerza de compresión en $\frac{1}{2}$ L y apertura de 1,5 mm: 7,8 N
force de compression à $\frac{1}{2}$ L et ouverture de 1,5 mm: 7,8 N

پنس هموستات ظریف - موسکیتو

Feine Arterienklemmen
 Fine Hemostatic Forceps
 Pinzas hemostáticas finas
 Pincas hémostatiques fins



**Hartmann
 (Baby-Mosquito)**
 9,5 cm/3³/₄"



06-0520-09



06-0521-09

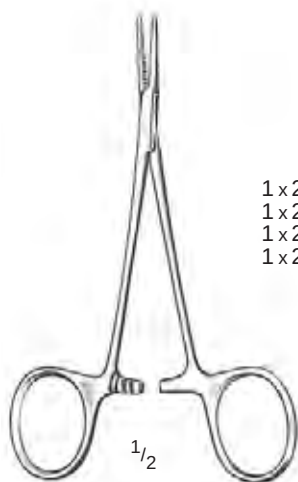


06-0522-09



06-0523-09

1 x 2 Zähne
 1 x 2 teeth
 1 x 2 dientes
 1 x 2 dents



Micro-Mosquito



12 cm/4³/₄"
 06-0600-12



12 cm/4³/₄"
 06-0601-12



9 cm/3¹/₂"
 06-0600-09



9 cm/3¹/₂"
 06-0601-09

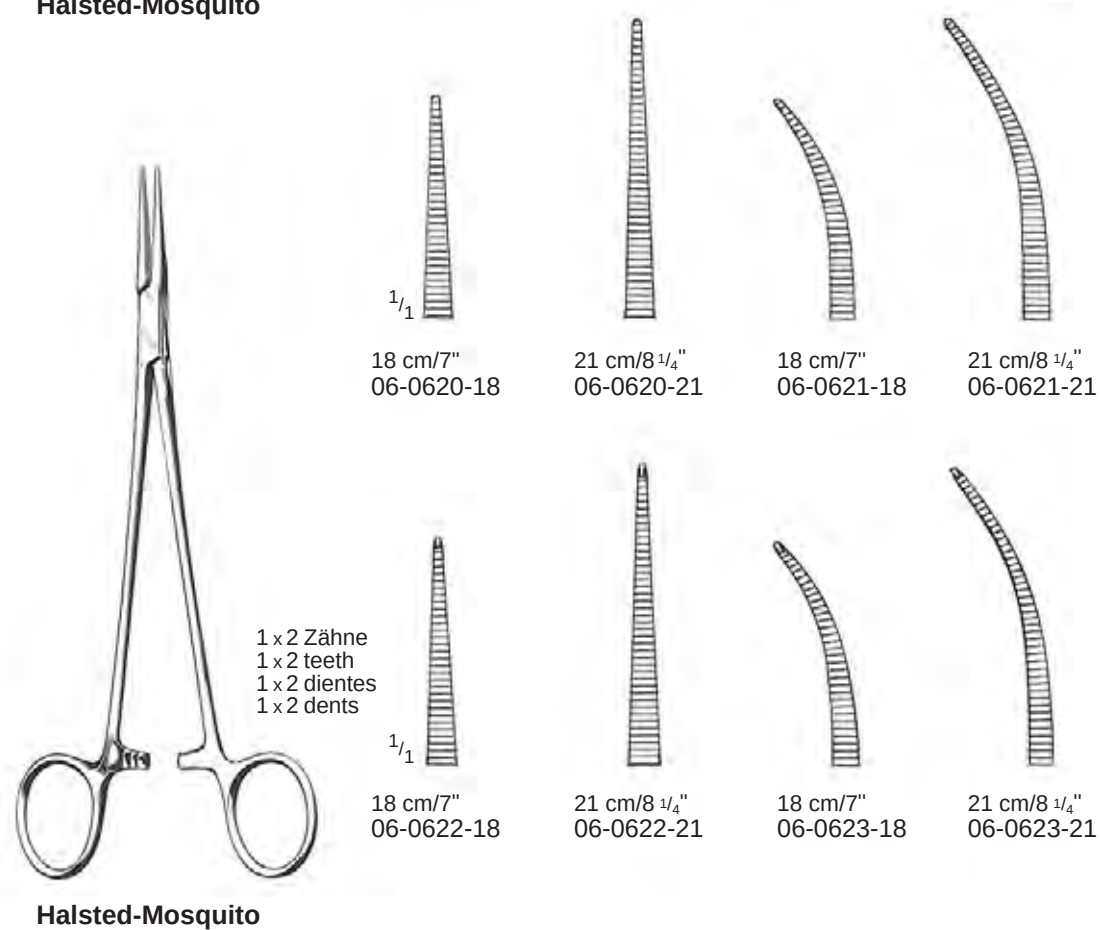
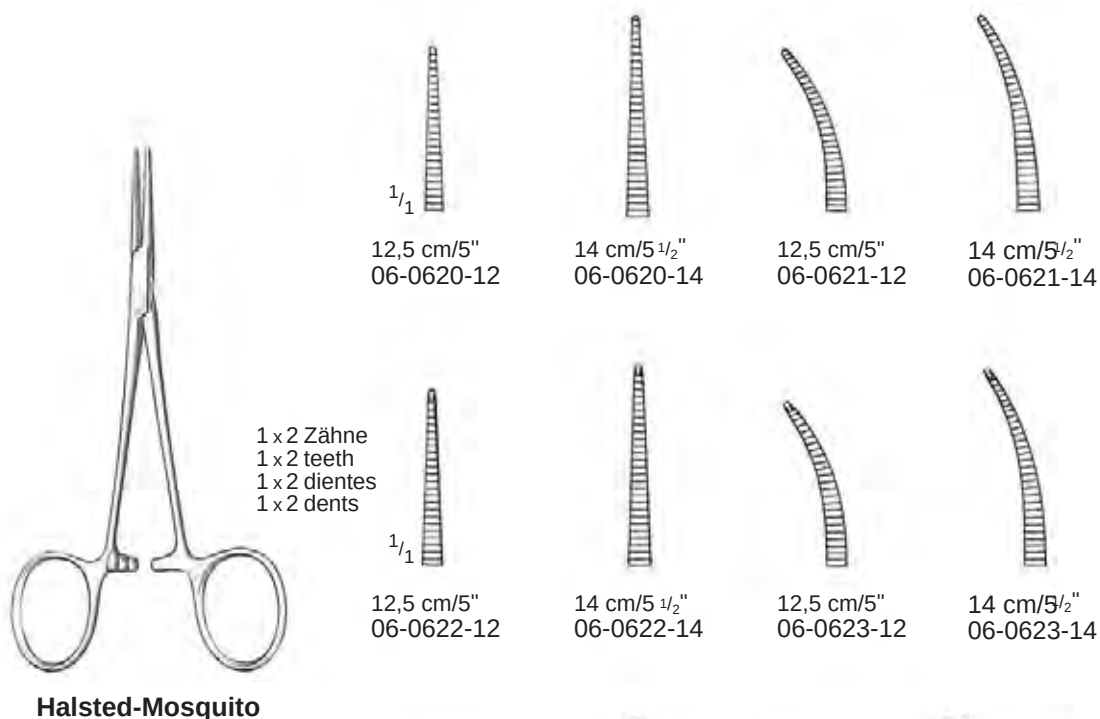


12 cm/4³/₄"
 06-0602-12



12 cm/4³/₄"
 06-0603-12

1 x 2 Zähne
 1 x 2 teeth
 1 x 2 dientes
 1 x 2 dents



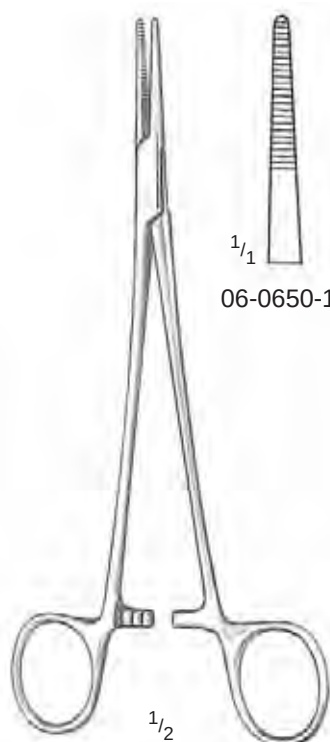
پنس هموستات ظریف

Feine Arterienklemmen

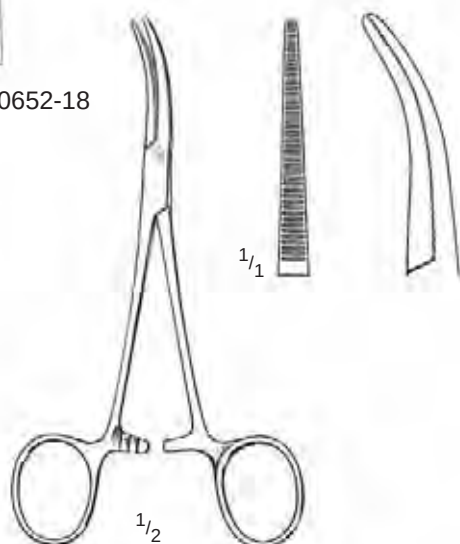
Fine Hemostatic Forceps

Pinzas hemostáticas finas

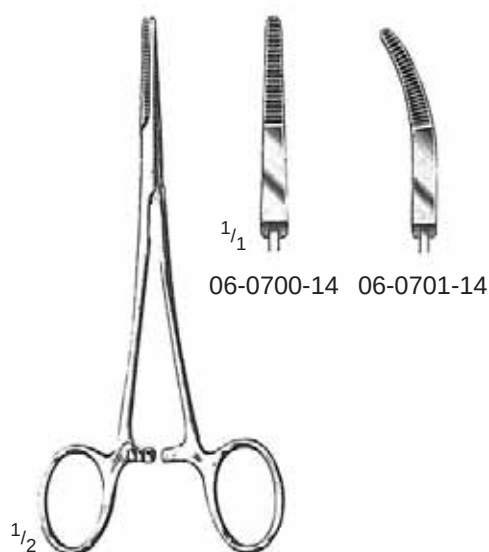
Pinces hémostatiques fins



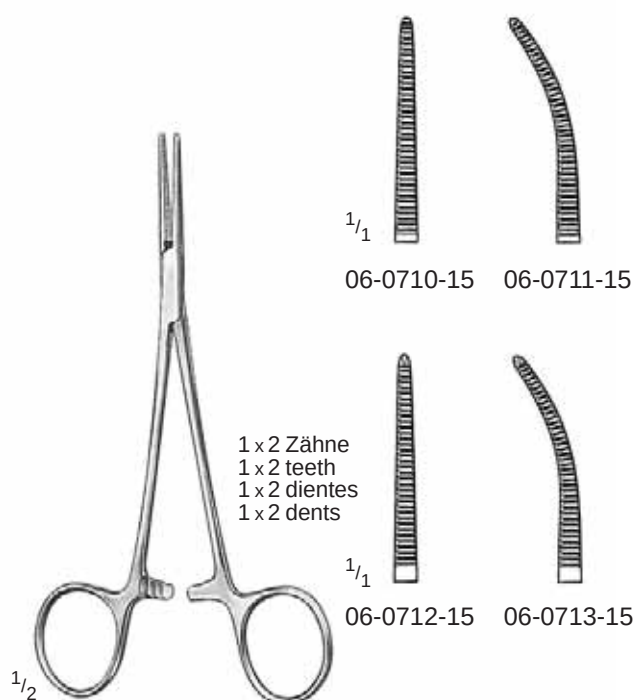
Adson
19 cm/7½"



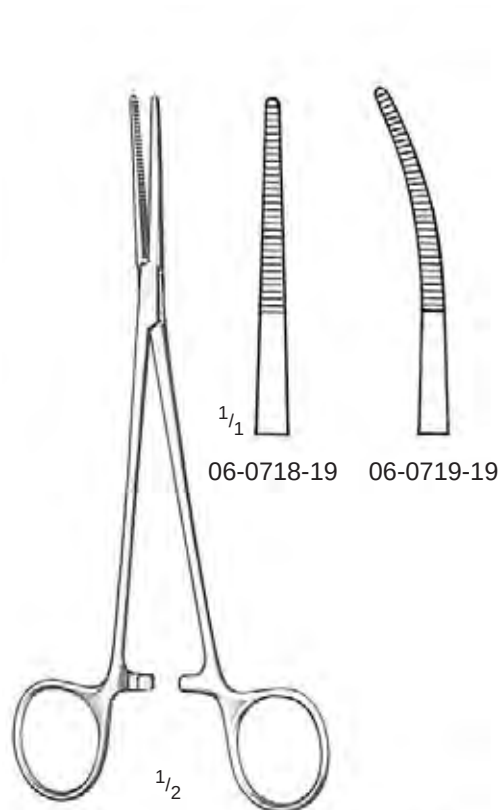
Dandy
14 cm/5½"
06-0671-14



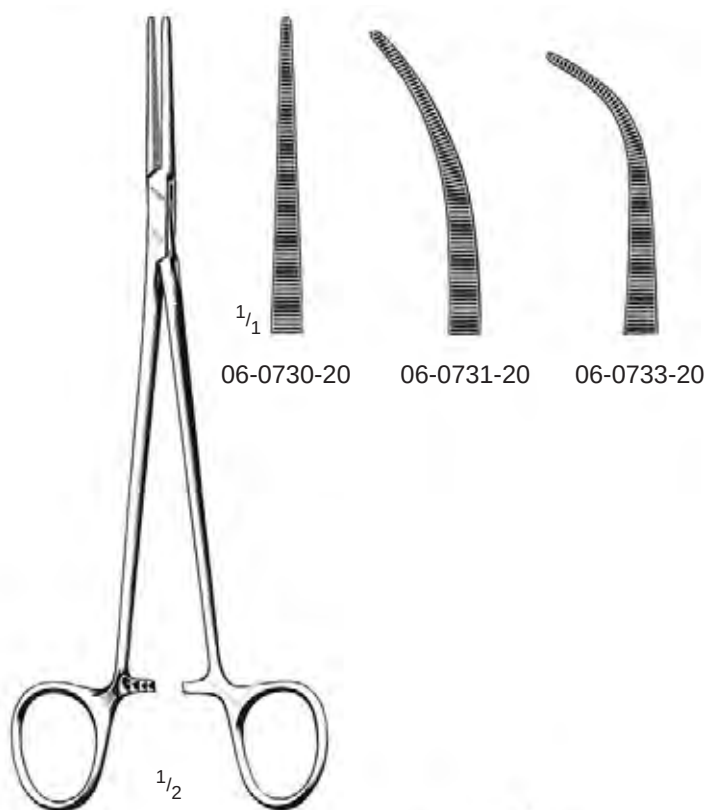
Providence-Hospital
14 cm/5½"



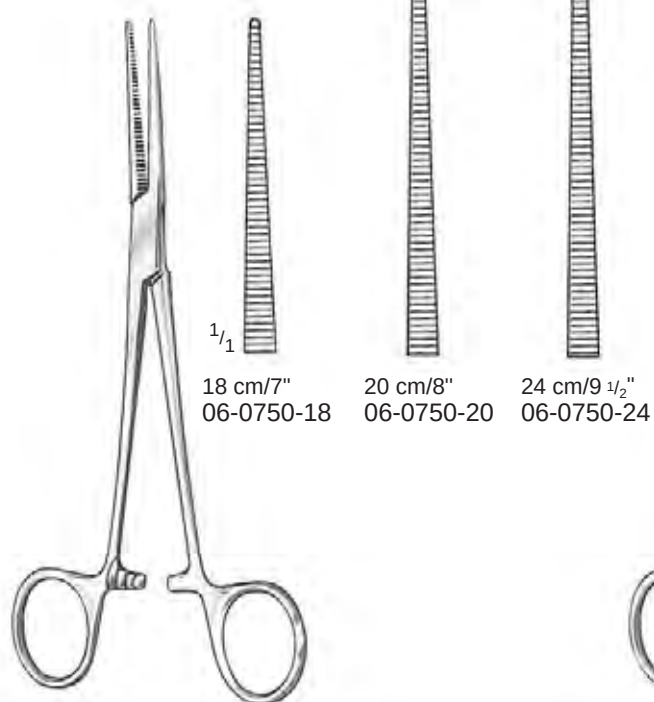
Leriche
15 cm/6"



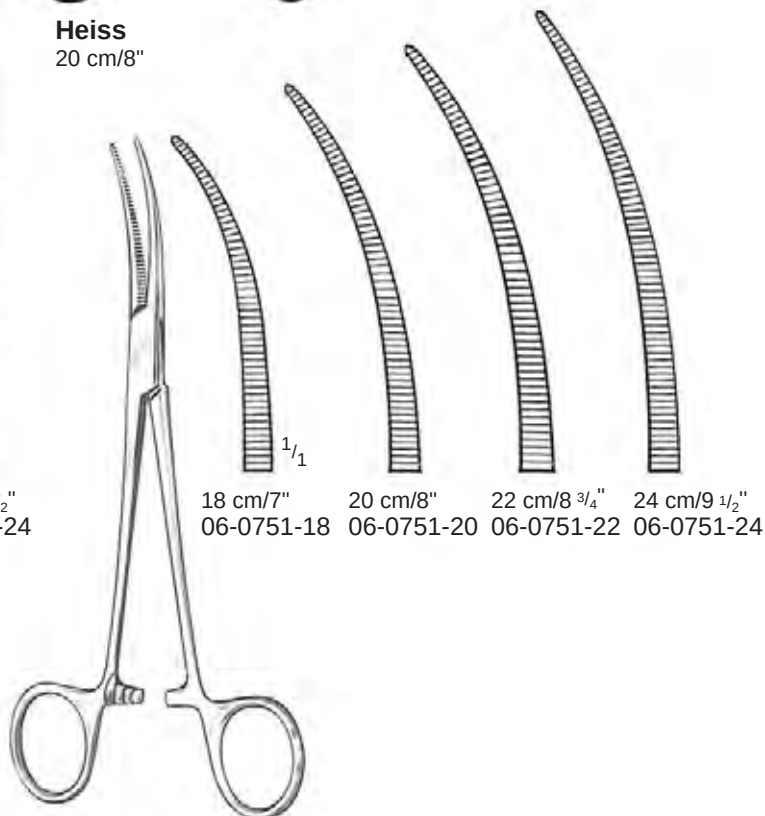
Birkett
19 cm/7 1/2"



Heiss
20 cm/8"



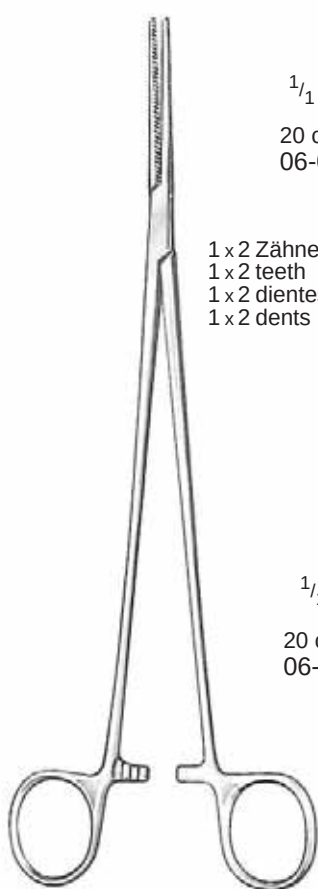
Olivecrona (Crafoord)



Crafoord (Coller)

هموستات ظریف بنگولا

Feine Arterienklemmen
 Fine Hemostatic Forceps
 Pinzas hemostáticas finas
 Pinces hémostatiques fins



Bengolea

 $\frac{1}{1}$

20 cm/8"
 06-0773-20



20 cm/8"
 06-0774-20



26 cm/10 $\frac{1}{4}$ "
 06-0774-26



20 cm/8"
 06-0775-20



26 cm/10 $\frac{1}{4}$ "
 06-0775-26

1 x 2 Zähne
 1 x 2 teeth
 1 x 2 dientes
 1 x 2 dents

 $\frac{1}{1}$

20 cm/8"
 06-0776-20



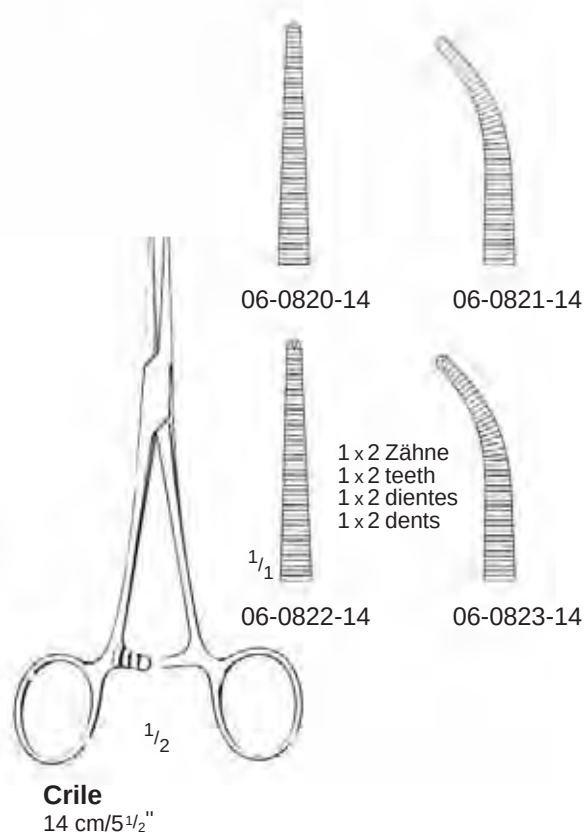
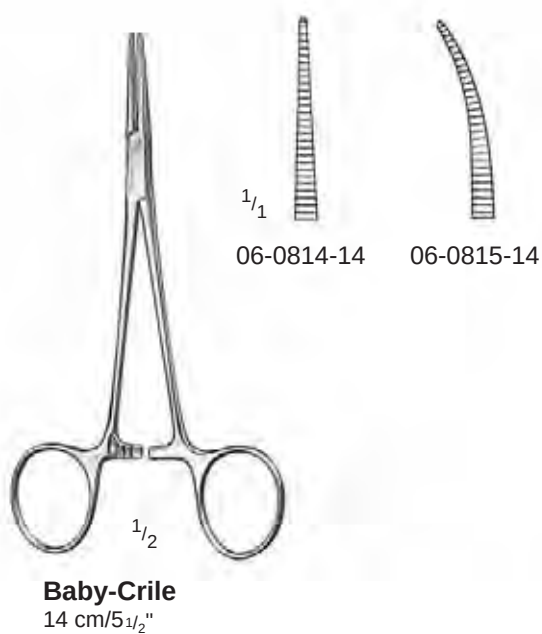
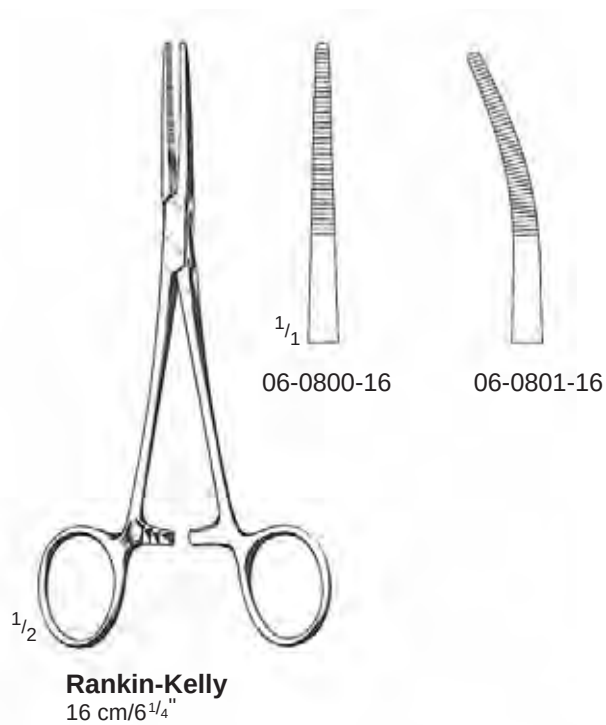
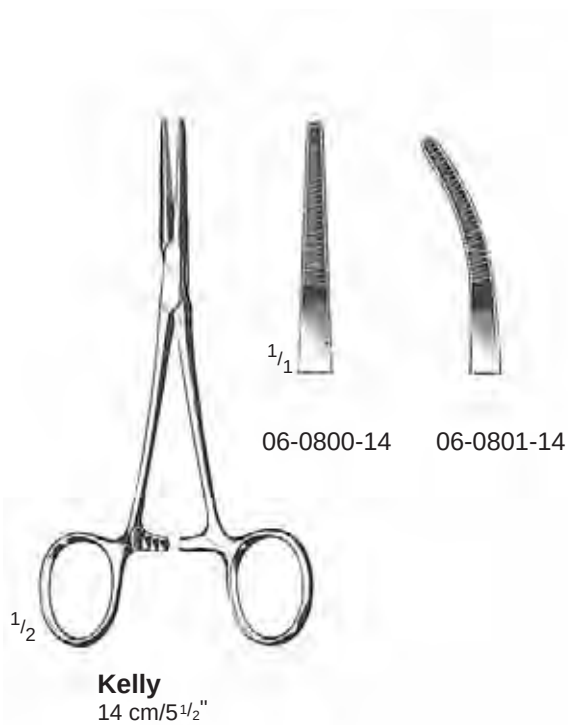
26 cm/10 $\frac{1}{4}$ "
 06-0776-26



20 cm/8"
 06-0777-20



26 cm/10 $\frac{1}{4}$ "
 06-0777-26



پنس هموستات

Arterienklemmen

Hemostatic Forceps

Pinzas hemostáticas

Pinces hémostatiques

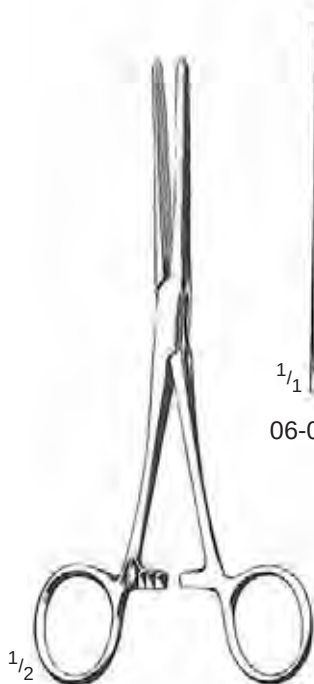


Crile
16 cm/6 $\frac{1}{4}$ "

 $\frac{1}{1}$

06-0820-16

06-0821-16

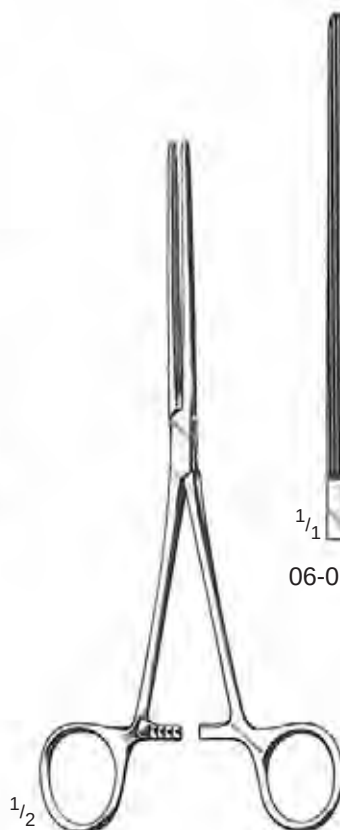


Bainbridge
15 cm/6"

 $\frac{1}{1}$

06-0840-15

06-0841-15

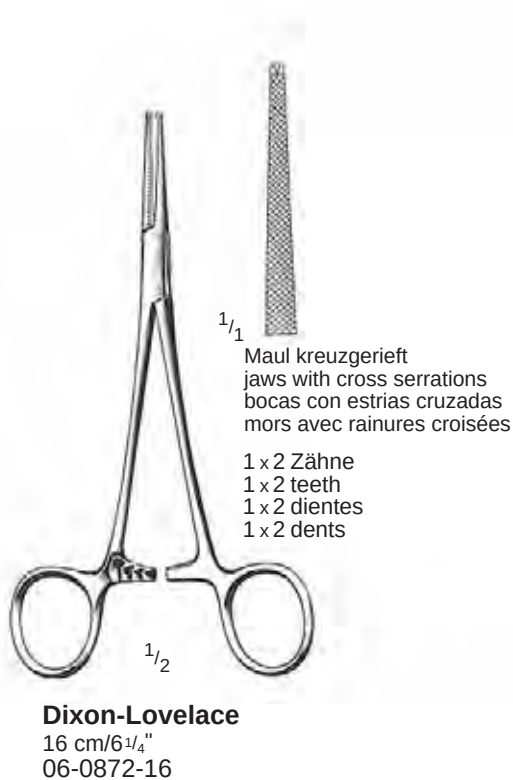
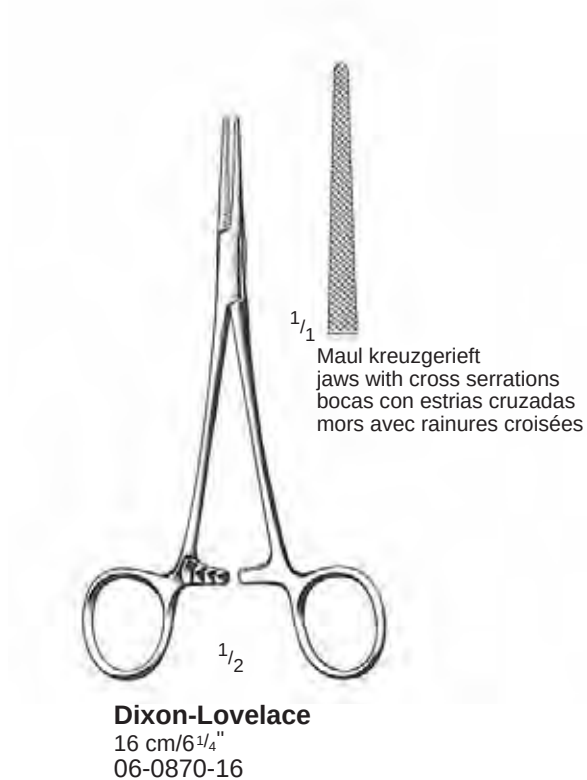
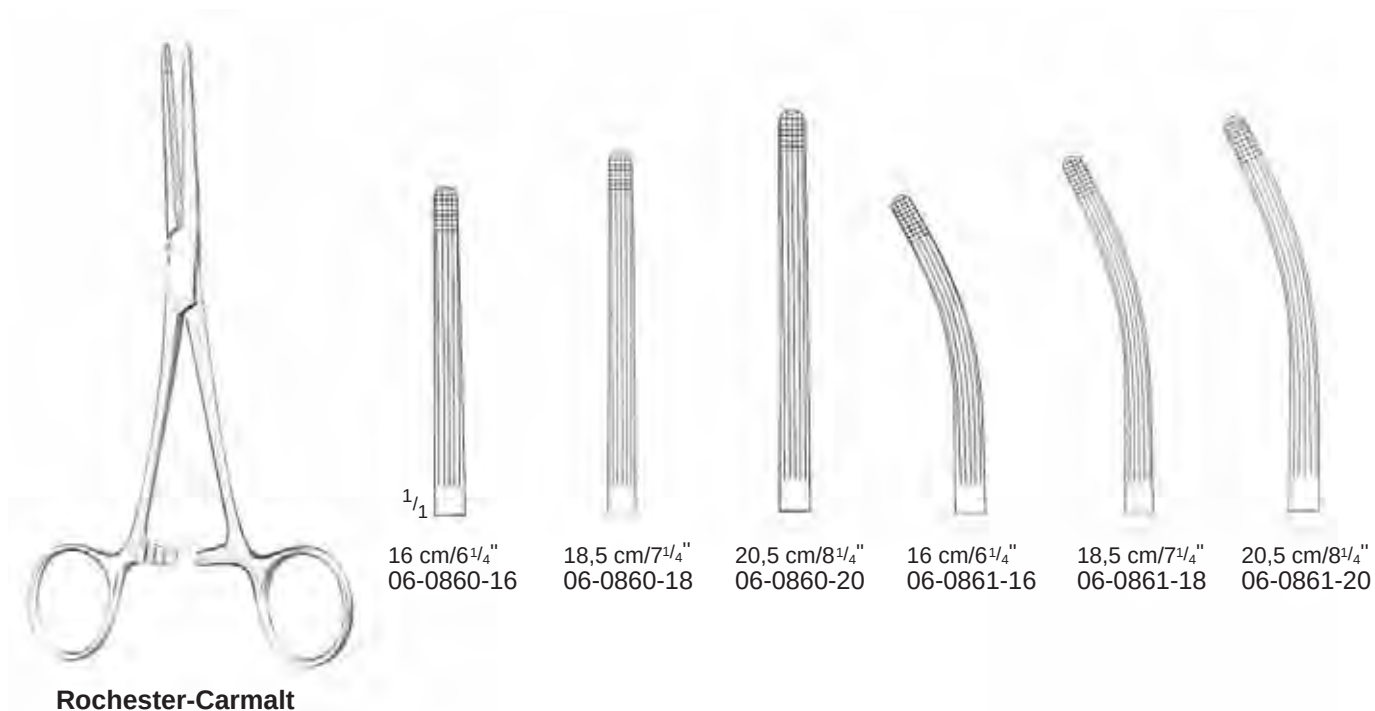


Bainbridge
18,5 cm/7 $\frac{1}{4}$ "

 $\frac{1}{1}$

06-0840-18

06-0841-18



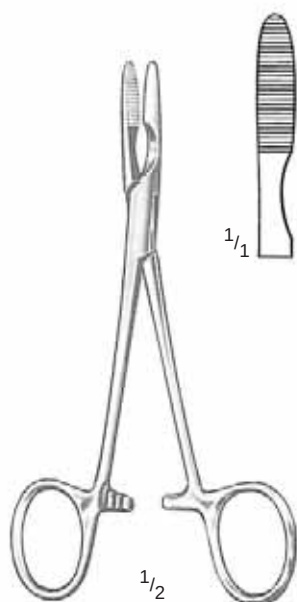
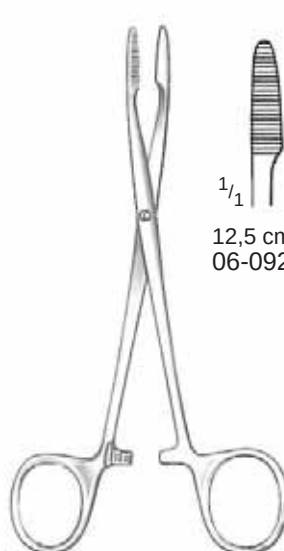
پنس هموستات

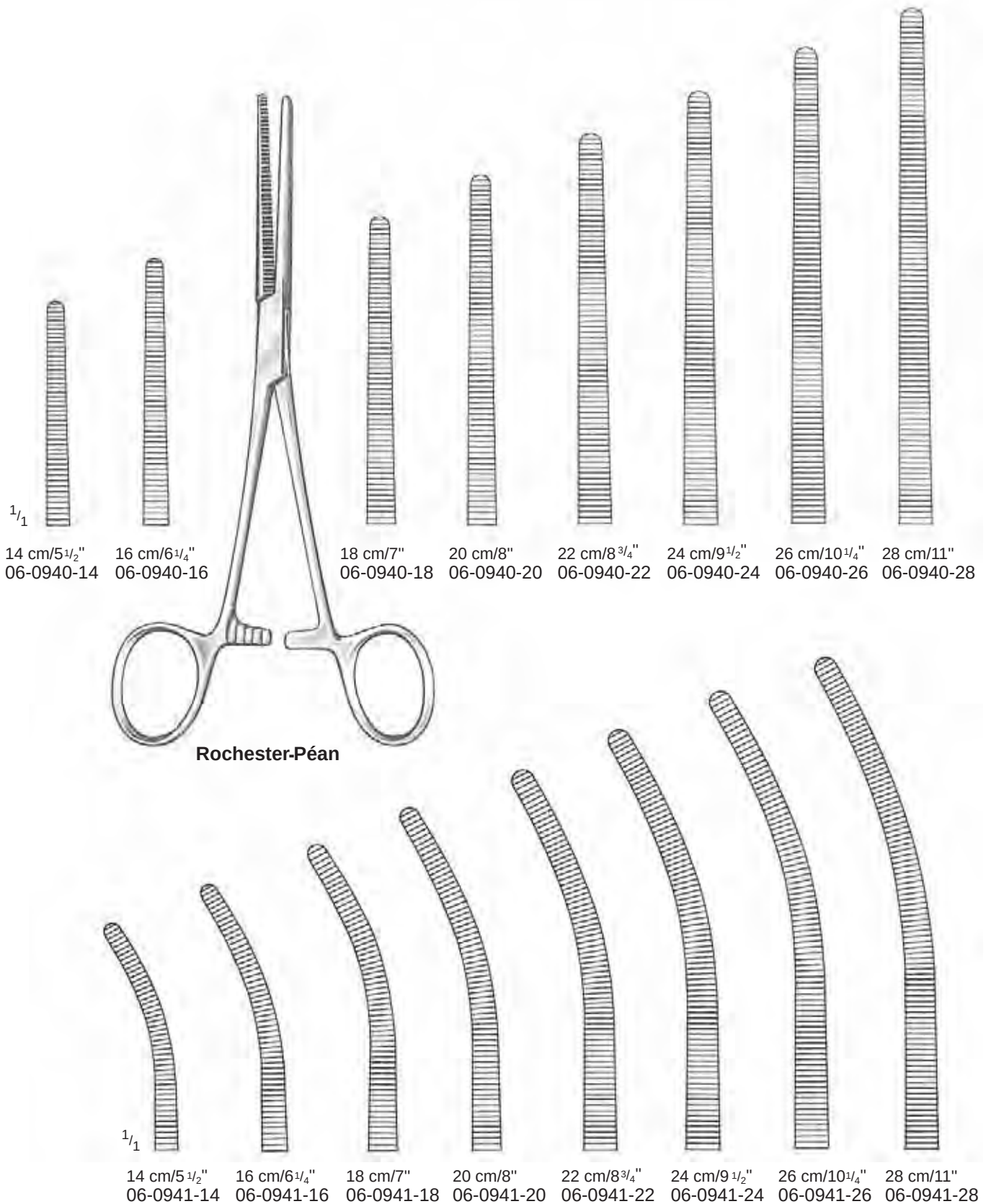
Arterienklemmen

Hemostatic Forceps

Pinzas hemostáticas

Pinces hémostatiques

**Péan**14,5 cm/5³/₄"
06-0920-14**Péan**12,5 cm/5"
06-0924-1214 cm/5¹/₂"
06-0924-1416 cm/6¹/₄"
06-0924-16**Péan**13 cm/5"
06-0930-1314 cm/5¹/₂"
06-0930-1416 cm/6¹/₄"
06-0930-1613 cm/5"
06-0931-1314 cm/5¹/₂"
06-0931-1416 cm/6¹/₄"
06-0931-16Graziles Modell
Delicate pattern
Modelo delgado
Modèle gracile



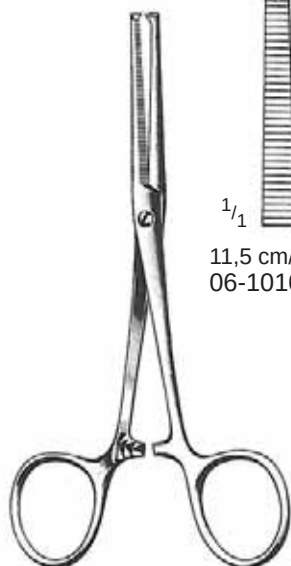
پنس کوخر (دندانهدار)

Arterienklemmen

Hemostatic Forceps

Pinzas hemostáticas

Pinces hémostatiques



Kocher

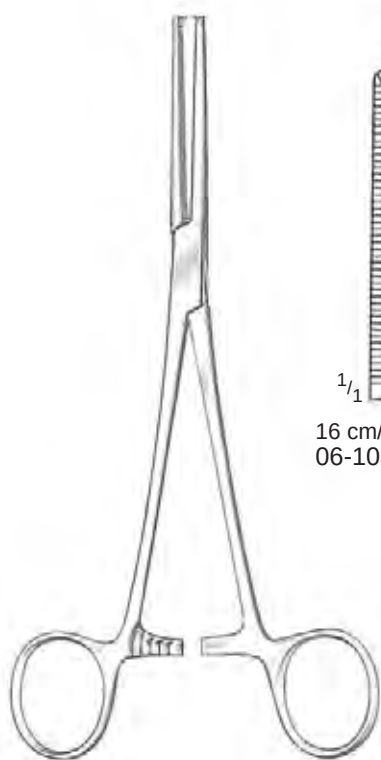
 $\frac{1}{1}$ 11,5 cm/4 $\frac{1}{2}$ "
06-1010-1113 cm/5"
06-1010-1314,5 cm/5 $\frac{3}{4}$ "
06-1010-1415,5 cm/6"
06-1010-15Kocher-Fine
14,5 cm/5 $\frac{3}{4}$ " $\frac{1}{1}$

06-1026-14 06-1027-14

graziles Modell
delicate pattern
modelo delgado
modèle gracile

Kocher

 $\frac{1}{1}$ 13 cm/5"
06-1028-1314,5 cm/5 $\frac{3}{4}$ "
06-1028-1416 cm/6 $\frac{1}{4}$ "
06-1028-1613 cm/5"
06-1029-1314,5 cm/5 $\frac{3}{4}$ "
06-1029-1416 cm/6 $\frac{1}{4}$ "
06-1029-16



Rochester-Ochsner

$\frac{1}{1}$

16 cm/6 $\frac{1}{4}$ "	18 cm/7"	20 cm/8"	22 cm/8 $\frac{3}{4}$ "	24 cm/9 $\frac{1}{2}$ "	26 cm/10 $\frac{1}{4}$ "	28 cm/11"
06-1030-16	06-1030-18	06-1030-20	06-1030-22	06-1030-24	06-1030-26	06-1030-28

$\frac{1}{1}$

16 cm/6 $\frac{1}{4}$ "	18 cm/7"	20 cm/8"	22 cm/8 $\frac{3}{4}$ "	24 cm/9 $\frac{1}{2}$ "	26 cm/10 $\frac{1}{4}$ "	28 cm/11"
06-1031-16	06-1031-18	06-1031-20	06-1031-22	06-1031-24	06-1031-26	06-1031-28



پنس هموستات

Arterienklemmen

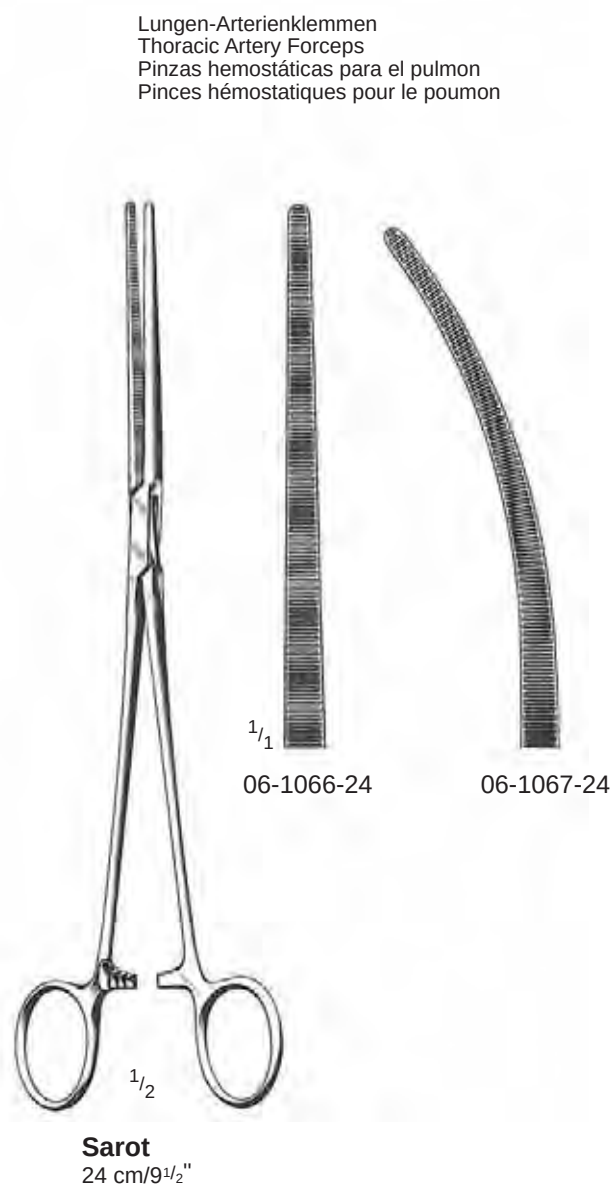
Hemostatic Forceps

Pinzas hemostáticas

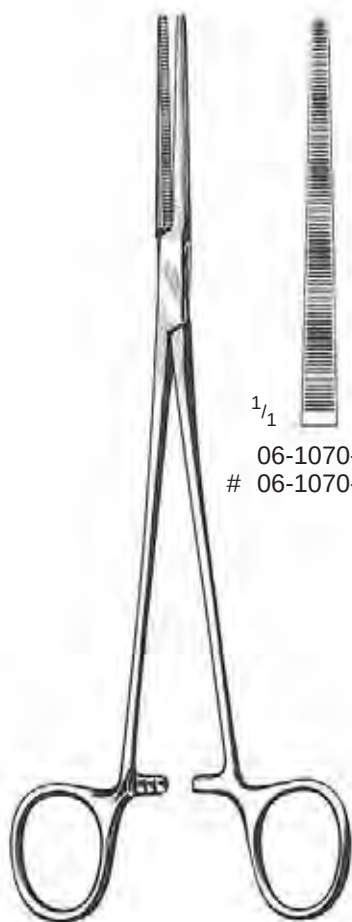
Pinces hémostatiques

 $\frac{1}{1}$ 13 cm/5"
06-1050-1314 cm/5½"
06-1050-1415 cm/6"
06-1050-1520 cm/8"
06-1050-20 $\frac{1}{1}$ 13 cm/5"
06-1051-1314 cm/5½"
06-1051-1415 cm/6"
06-1051-1520 cm/8"
06-1051-20

Spencer-Wells (Jones)

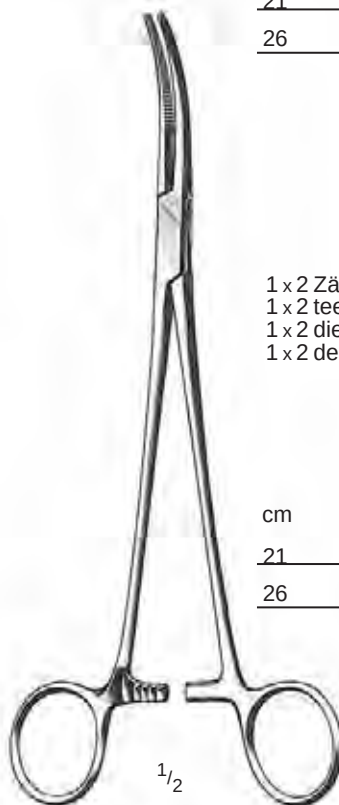


Lungen-Arterienklemmen
Thoracic Artery Forceps
Pinzas hemostáticas para el pulmon
Pincers hémostatiques pour le poumon



Roberts
 24 cm/9½"
 22 cm/8¾" #

1/1
 06-1070-24 06-1071-24
 # 06-1070-22 06-1071-22



Toennis

1/2

cm	inch.		
21	8¼	06-1080-21	06-1081-21
26	10¼	06-1080-26	06-1081-26

1 x 2 Zähne
 1 x 2 teeth
 1 x 2 dientes
 1 x 2 dents

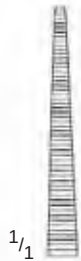
cm	inch.		
21	8¼	06-1082-21	06-1083-21
26	10¼	06-1082-26	06-1083-26



Bridge
28 cm/11"



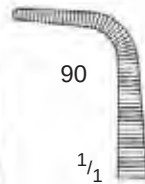
06-1101-28



06-1100-28



Meeker
28 cm/11"
06-1109-28



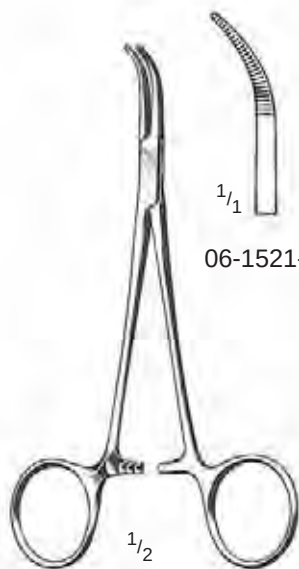
1/1

1/2



Lawrence
28 cm/11"
06-1115-28

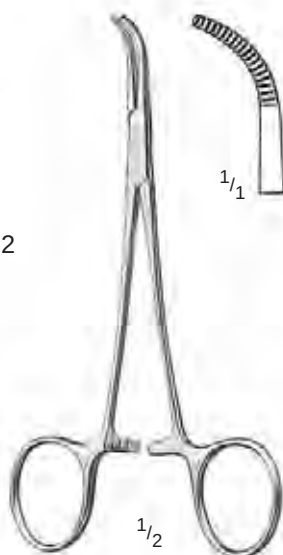
1/2



06-1521-01

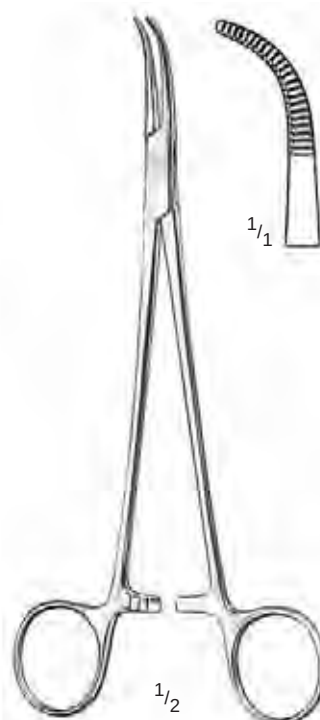


06-1521-02



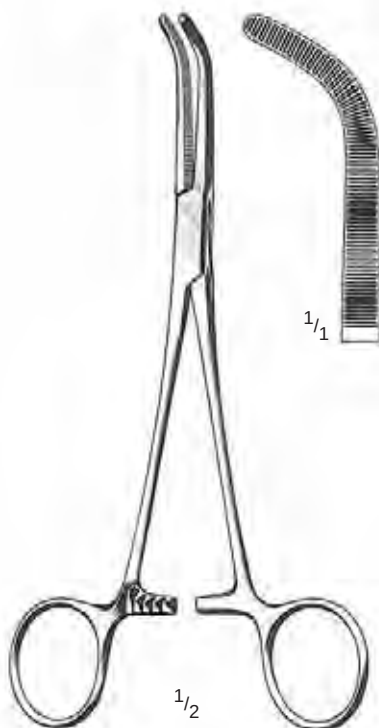
Baby-Mixer
14 cm/5½"

06-1521-14



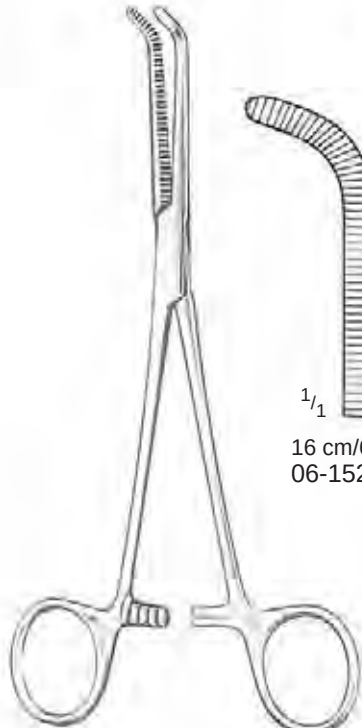
Baby-Mixer
18 cm/7"

06-1521-18



Mixer-O'Shaugnessy
19 cm/7½"

06-1523-19



16 cm/6¼"
06-1525-16

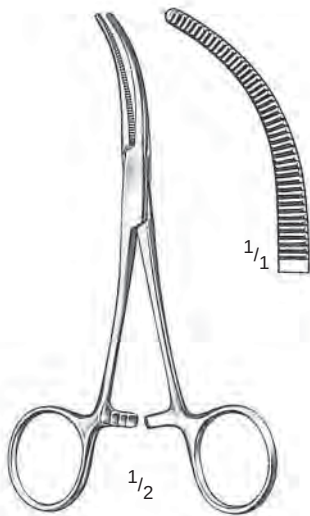


19,5 cm/7¾"
06-1525-19

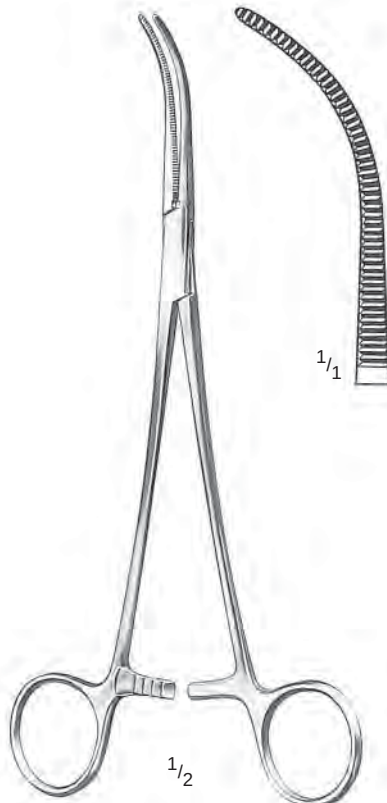


21,5 cm/8½"
06-1525-21

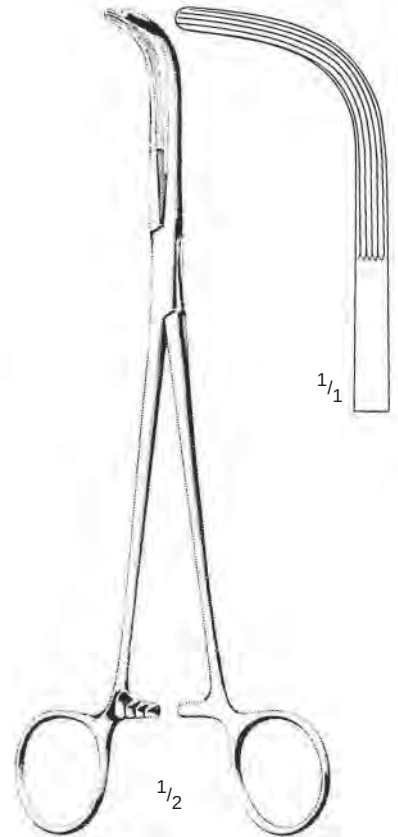
Mixer



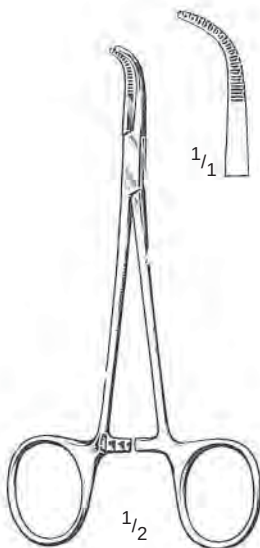
Baby-Overholt
13,5 cm/5 $\frac{1}{4}$ "
06-1537-13



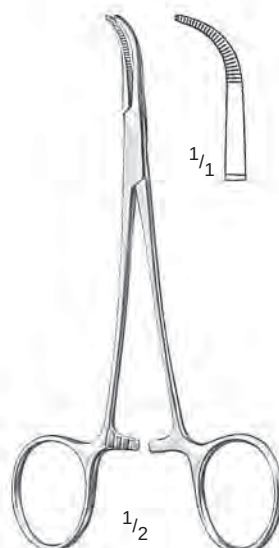
Overholt-Mixter
21 cm/8 $\frac{1}{4}$ "
06-1537-21



McQuigg-Mixter
22 cm/8 $\frac{3}{4}$ "
06-1539-22



Micro-Adson
14 cm/5 $\frac{1}{2}$ "
06-1541-13



Baby-Adson
14 cm/5 $\frac{1}{2}$ "
06-1541-14



Baby-Adson
18 cm/7"
06-1541-18

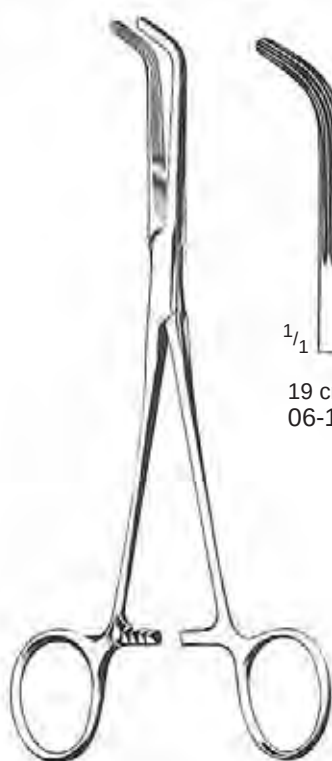
پنس هموستات

Präparier-, Arterien- und Ligaturklemmen

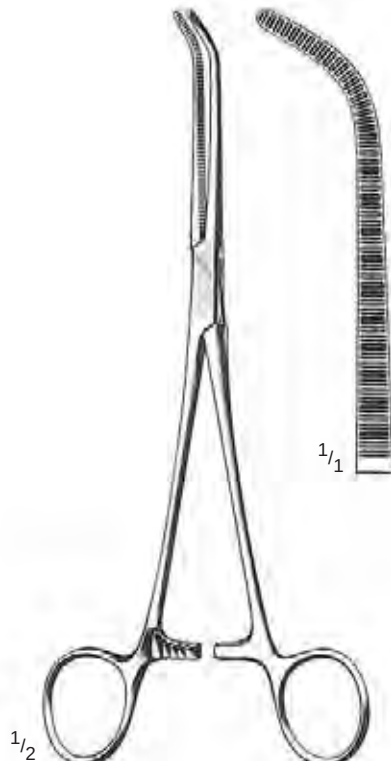
Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

Pincers à dissection, pincers hémostatiques, pincers à ligatures



Lahey

 $\frac{1}{1}$ 19 cm/7 $\frac{1}{2}$ " 23 cm/9"
06-1551-19 06-1551-23 $\frac{1}{2}$

Johns-Hopkins

20 cm/8"
06-1559-20

Mixer

 $\frac{1}{1}$ 22 cm/8 $\frac{3}{4}$ " 25 cm/10" 28 cm/11"
06-1563-22 06-1563-25 06-1563-28 $\frac{1}{2}$

Mixer

23 cm/9"
06-1573-23

پنس هموستات (رايت انگل)

Präparier-, Arterien- und Ligaturklemmen

Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

Pinces à dissection, pincers hémostatiques, pincers à ligatures



06



Kantrowitz



1/1

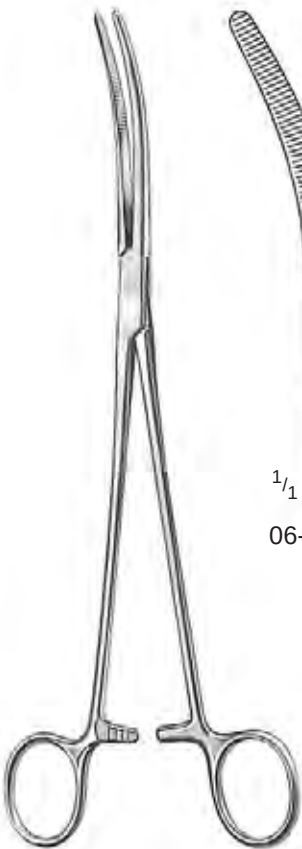
20 cm/8"
06-1583-20



24 cm/9 1/2"
06-1583-24



28 cm/11"
06-1583-28



Rumel
23 cm/9"



1/1

06-1701-01



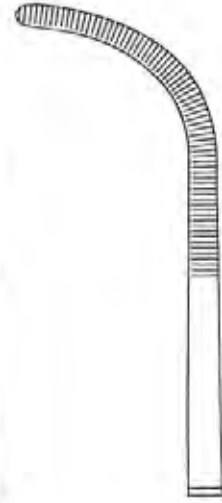
06-1701-02



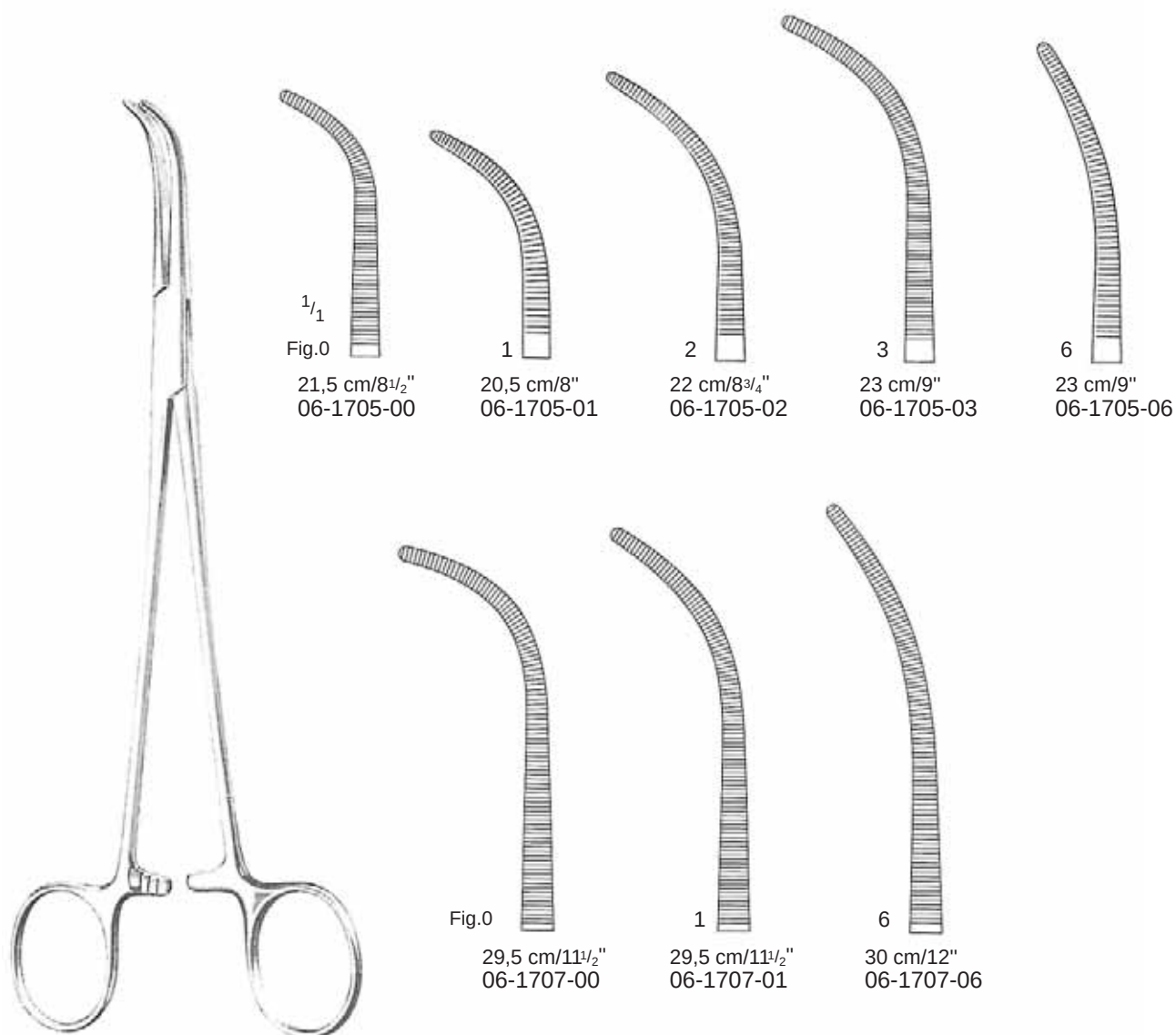
06-1701-03



06-1701-04



06-1701-05

**Overholt**

feines Modell
delicate pattern
modelo fino
modèle fin



Overholt-Geissendoerfer
06-1711-##



Overholt-Geissendoerfer
06-1713-##

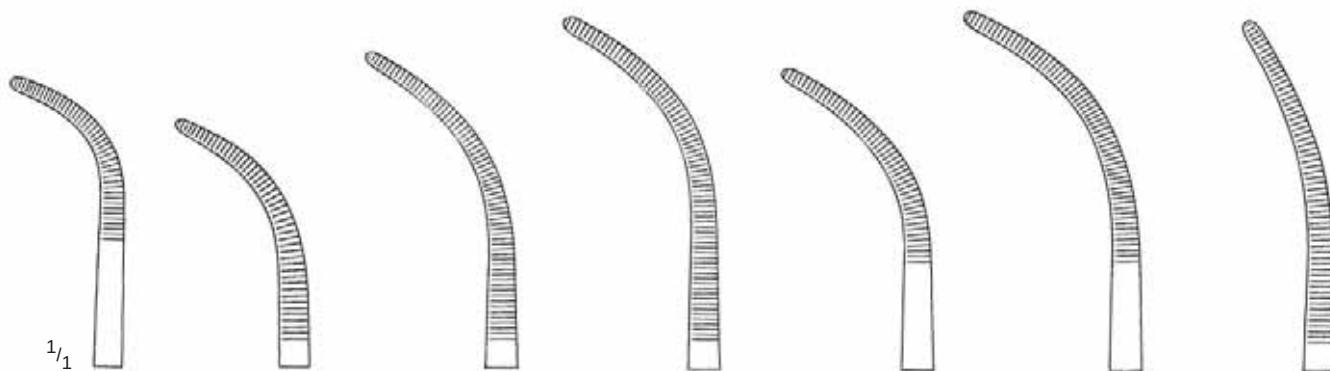


Fig.0	1	2	3	4	5	6
19,5 cm/7 ¹ / ₄ "	21 cm/8 ³ / ₄ "	22 cm/8 ³ / ₄ "	22,5 cm/9"	21,5 cm/8 ¹ / ₂ "	22,5 cm/9"	22,5 cm/9"
06-1711-00	06-1711-01	06-1711-02	06-1711-03	06-1711-04	06-1711-05	06-1711-06
26 cm/10 ¹ / ₄ "	27 cm/10 ¹ / ₂ "	27,5 cm/10 ³ / ₄ "	27,5 cm/10 ³ / ₄ "	27,5 cm/10 ³ / ₄ "	28 cm/11"	27,5 cm/10 ³ / ₄ "
06-1713-00	06-1713-01	06-1713-02	06-1713-03	06-1713-04	06-1713-05	06-1713-06

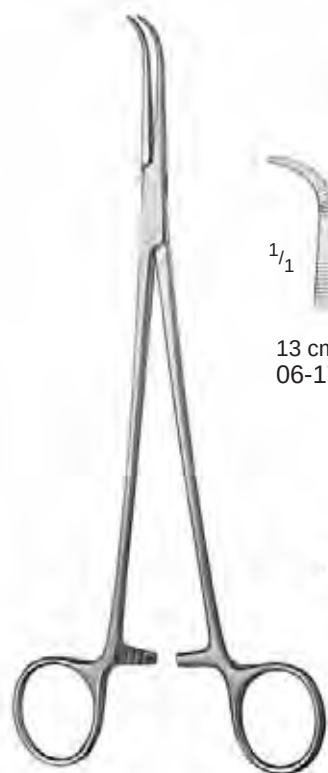
پنس هموستات (رایت انگل)

Präparier-, Arterien- und Ligaturklemmen

Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

Pinces à dissection, pincettes hémostatiques, pincettes à ligatures



Gemini (DeBakey-Mixter)
(dissecteurs américains)

$\frac{1}{1}$

13 cm/5"
06-1743-13

16 cm/6 $\frac{1}{4}$ "
06-1743-16

18 cm/7"
06-1743-18

20 cm/8"
06-1743-20

18 cm/7"
06-1745-18

22 cm/8 $\frac{3}{4}$ "
06-1745-22



23 cm/9"
06-1743-23



25 cm/10"
06-1743-25



28 cm/11"
06-1743-28



Gemini-Mini (Mixter)



25 cm/10"
06-1745-25



28 cm/11"
06-1745-28



Kelly

$\frac{1}{2}$

$\frac{1}{1}$



Fig. 1
19,5 cm/7 $\frac{3}{4}$ "
06-1745-19



Fig. 1
22,5 cm/8 $\frac{3}{4}$ "
06-1745-22



Fig. 1
24,5 cm/9 $\frac{3}{4}$ "
06-1745-25



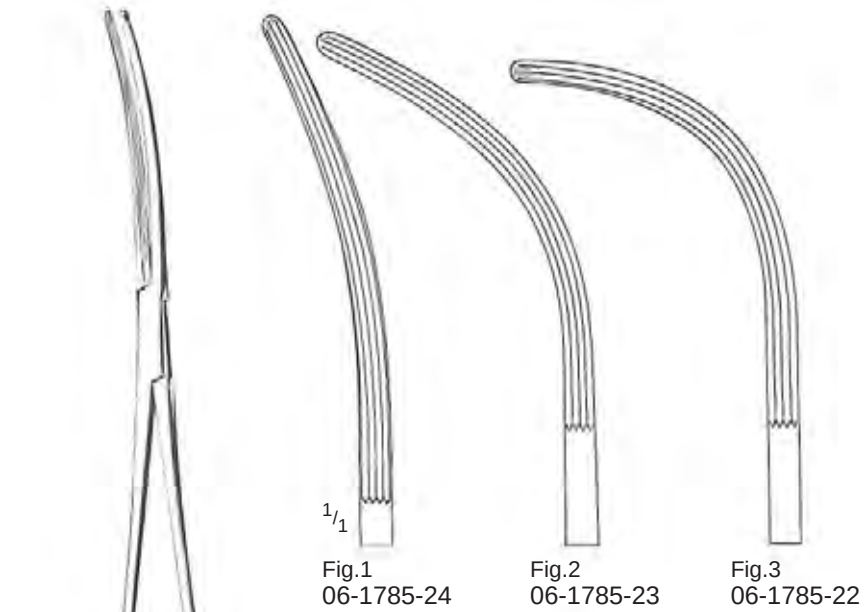
Fig. 2
19 cm/7 $\frac{1}{2}$ "
06-1746-19



Fig. 2
22 cm/8 $\frac{3}{4}$ "
06-1746-22

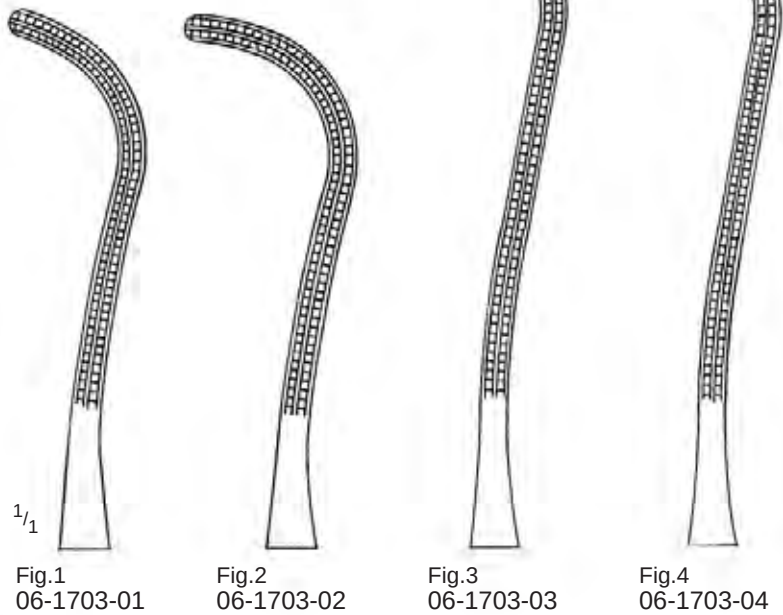


Fig. 2
24 cm/9 $\frac{1}{2}$ "
06-1746-25



Crafoord-Sellors

24 cm/9½"



DeBakey-Rumel Atrauma

23 cm/9"

Auch Thoraxklemmen
Also Thoracic Forceps
También pinzas torácicas
Aussi pinces thoraciques

Vena cava-Klemmen
 Vena cava Clamps
 Pinzas para la vena cava
 Clamps pour veine cave

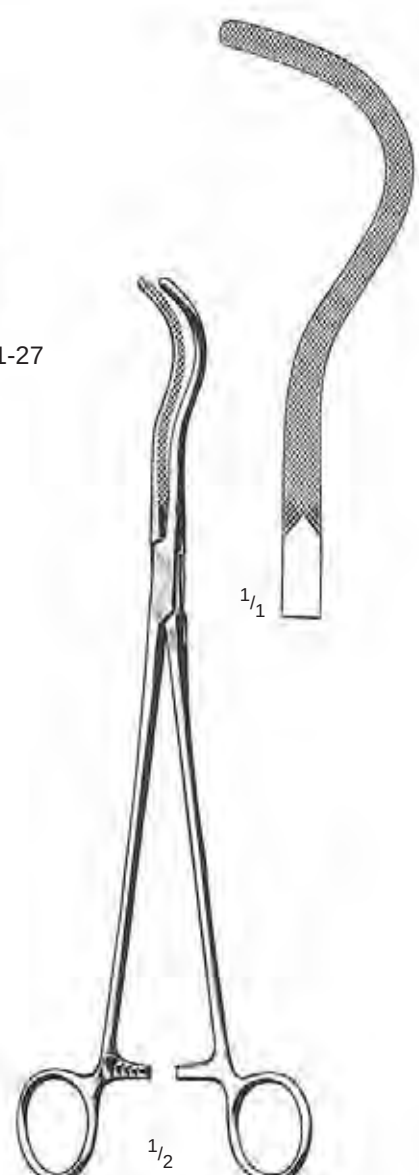
Thorax- und Aurikelklemme
 Thorax and Auricle Forceps
 Pinza para tórax y aurícula
 Pince thoracique et à oreillette



Baby-Satinsky
 15 cm/6"
 06-2101-15



Satinsky
 26,5 cm/10 1/2"



Harken
 24 cm/9 1/2"
 06-2147-01

پنس آپاندکتومی

Pylorusspreizer, Appendektomieklemmen, Spornquetscher
Pylorus Separator, Appendectomy Clamps, Spur Crusher
Separadore pylorus, Pinzas para apendice, Enterótomo
Dilatateur pour le pylore, Pincés pour appendicectomie, Entérotome



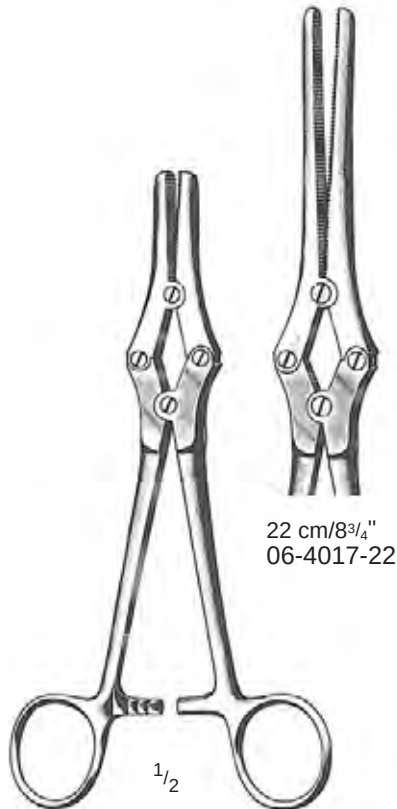
06

Pylorusspreizer
Pylorus Separator
Separadore pylorus
Dilatateur pour le pylore



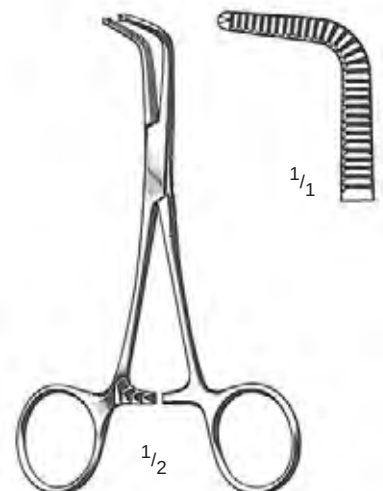
Benson
15 cm/6"
06-4005-15

Appendektomieklemmen
Appendectomy Clamps
Pinzas para apendice
Pincés pour appendicectomie



Zweifel
17 cm/6³/₄"
06-4017-17

Appendektomieklemmen und Spornquetscher
Appendectomy Clamp and Spur Crusher
Pinza para apendice y Enterótomo
Pince pour appendicectomie et Entérotome



Kleinschmidt
12 cm/4³/₄"
06-4023-12



پنس روده

Darmklemmen

Intestinal Clamp Forceps

Pinzas-clamps intestinales

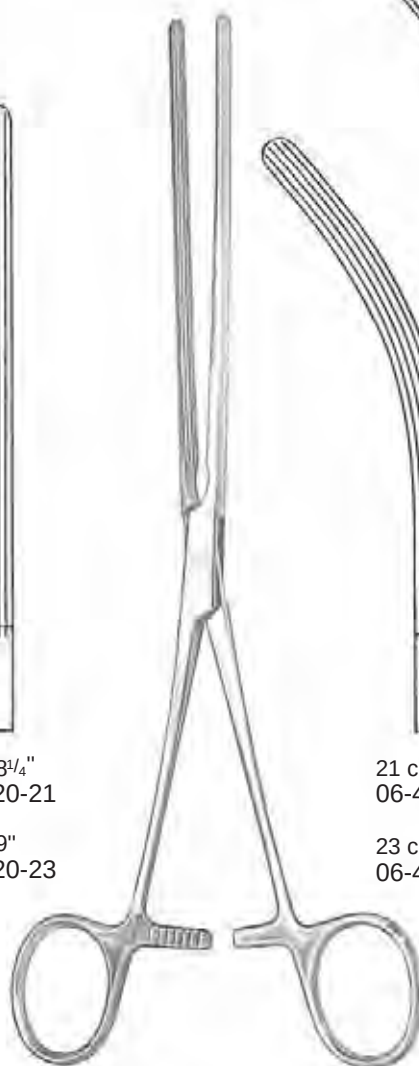
Pincers-clamps pour l'intestin (Pincers à coprostase)



Atrauma



Atrauma

25 cm/10"
06-4124-2525 cm/10"
06-4120-2521 cm/8 1/4"
06-4120-2123 cm/9"
06-4120-23

Mayo-Robson

sehr elastisch
very flexible
muy elásticas
très souples21 cm/8 1/4"
06-4121-2123 cm/9"
06-4121-2325 cm/10"
06-4121-2525 cm/10"
06-4125-25

پنس روده

Darmklemmen

Intestinal Clamp Forceps

Pinzas-clamps intestinales

Pinces-clamps pour l'intestin (Pinces à coprostase)



06

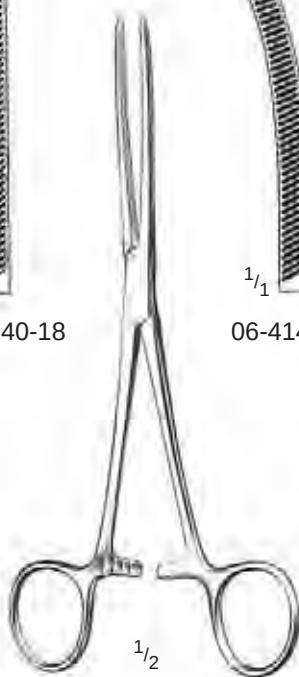
sehr elastisch
very flexible
muy elásticas
très souples



06-4140-18



06-4141-18



Baby-Doyen
18 cm/7"

sehr elastisch
very flexible
muy elásticas
très souples



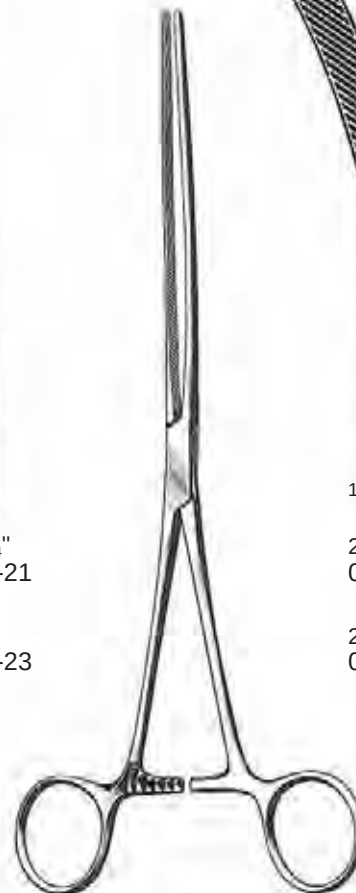
21 cm/8 $\frac{1}{4}$ "
06-4140-21

23 cm/9"
06-4140-23

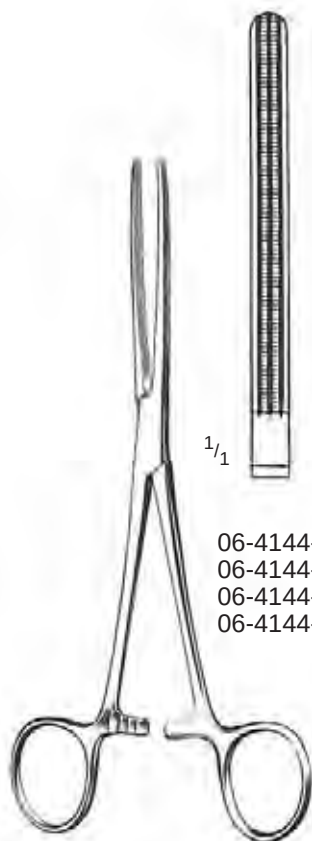
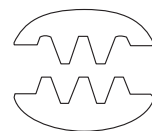


21 cm/8 $\frac{1}{4}$ "
06-4141-21

23 cm/9"
06-4141-23



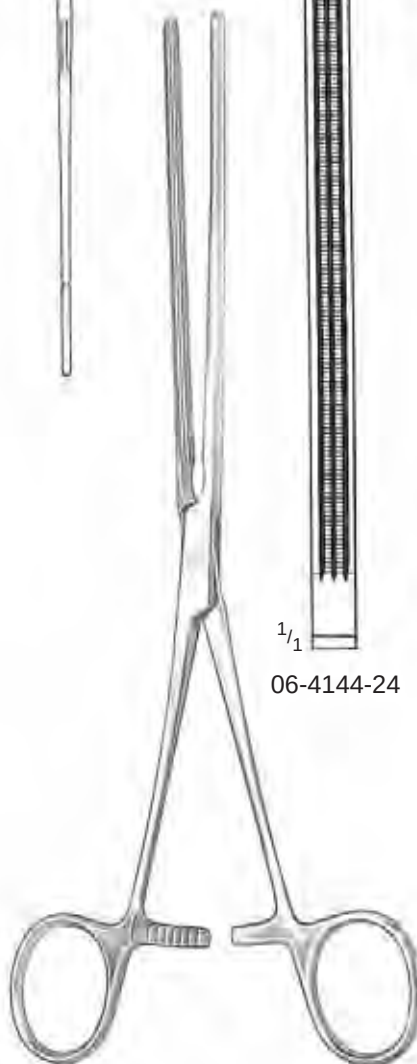
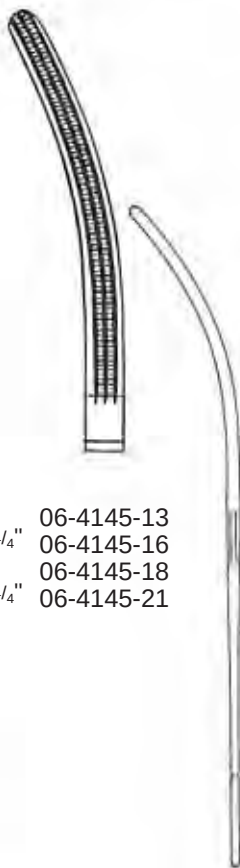
Doyen



1/1

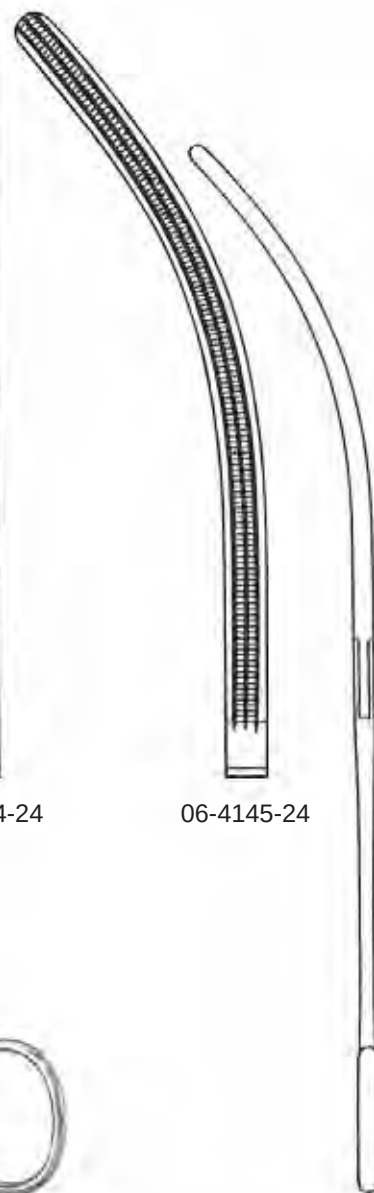
06-4144-13	13 cm/5"	06-4145-13
06-4144-16	16 cm/6 1/4"	06-4145-16
06-4144-18	18 cm/7"	06-4145-18
06-4144-21	21 cm/8 1/4"	06-4145-21

Baby-Doyen Atrauma
18 cm/7"



1/1

06-4144-24



06-4145-24

Doyen Atrauma
24 cm/9 1/2"

پنس روده

Darmklemmen

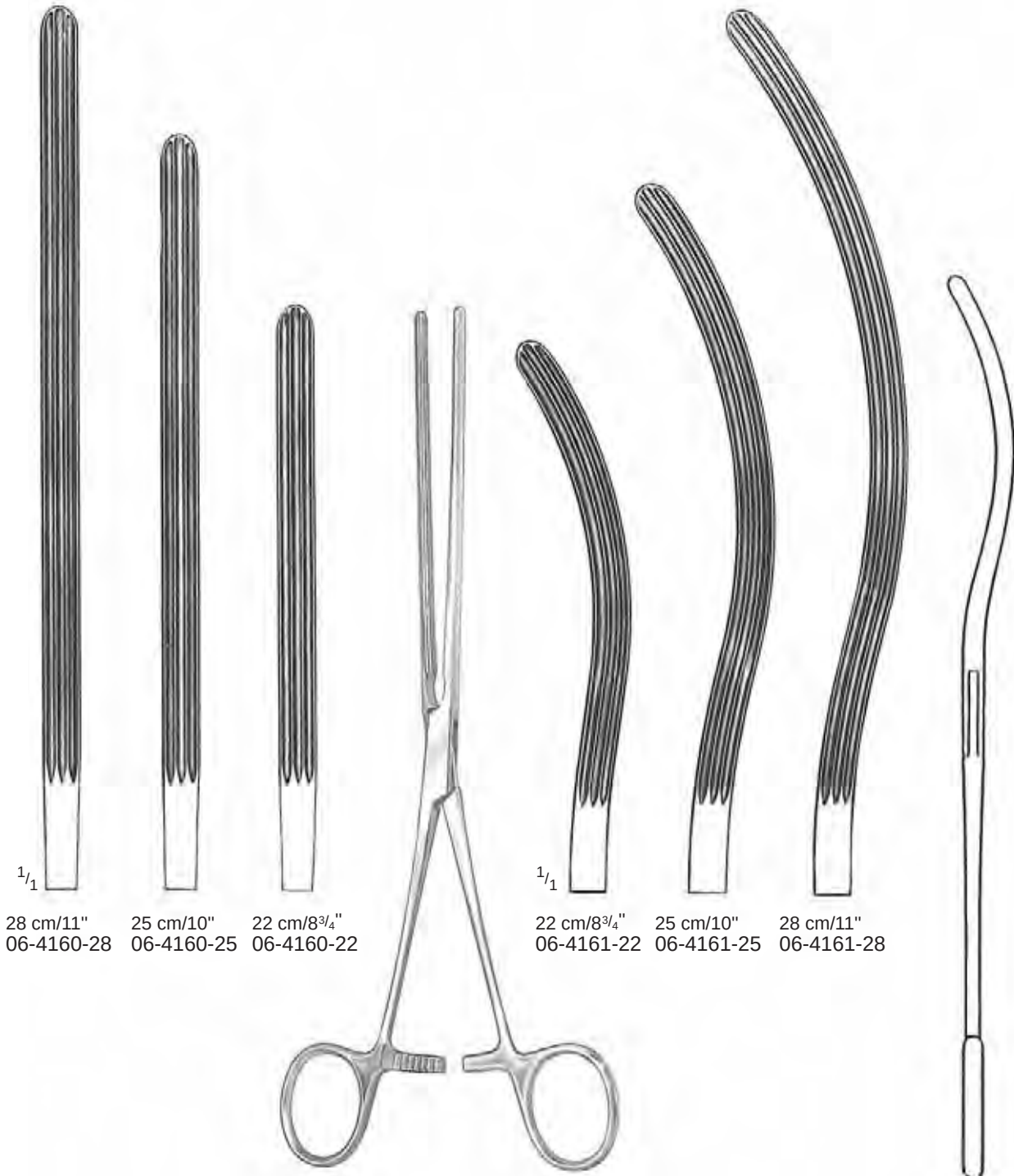
Intestinal Clamp Forceps

Pinzas-clamps intestinales

Pinces-clamps pour l'intestin (Pinces à coprostase)



06



Kocher

sehr elastisch
very flexible
muy elásticas
très souples



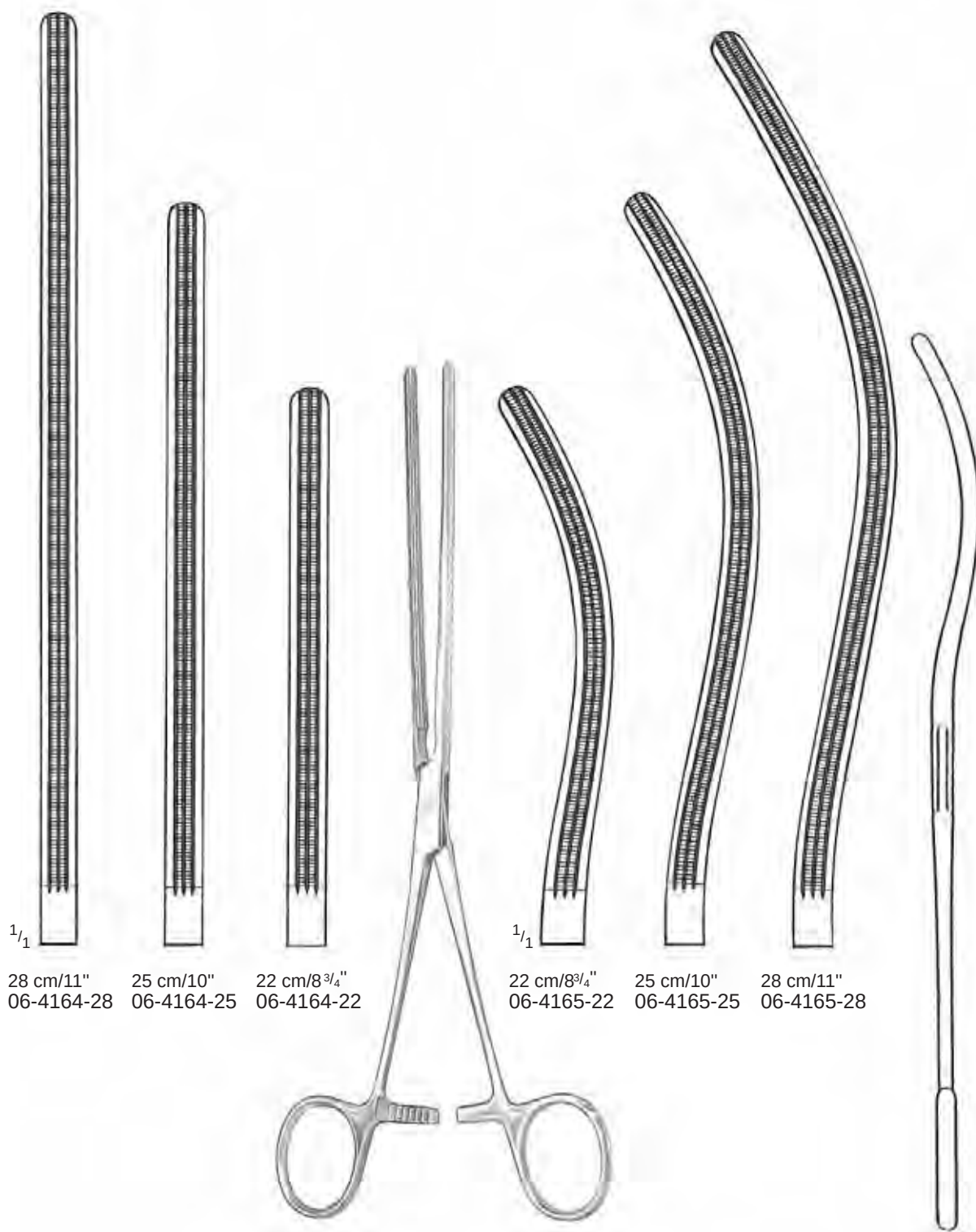
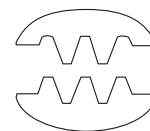
پنس روده

Atrauma Darmklemmen

Atrauma Intestinal Clamp Forceps

Atrauma Pinzas-clamps intestinales

Atrauma Pincers-clamps pour l'intestin (Pincers à coprostase)

 $\frac{1}{1}$ 28 cm/11"
06-4164-2825 cm/10"
06-4164-2522 cm/8 $\frac{3}{4}$ "
06-4164-22 $\frac{1}{1}$ 22 cm/8 $\frac{3}{4}$ "
06-4165-2225 cm/10"
06-4165-2528 cm/11"
06-4165-28**Kocher Atrauma**sehr elastisch
very flexible
muy elásticas
très souples

پنس روده

Darmklemmen

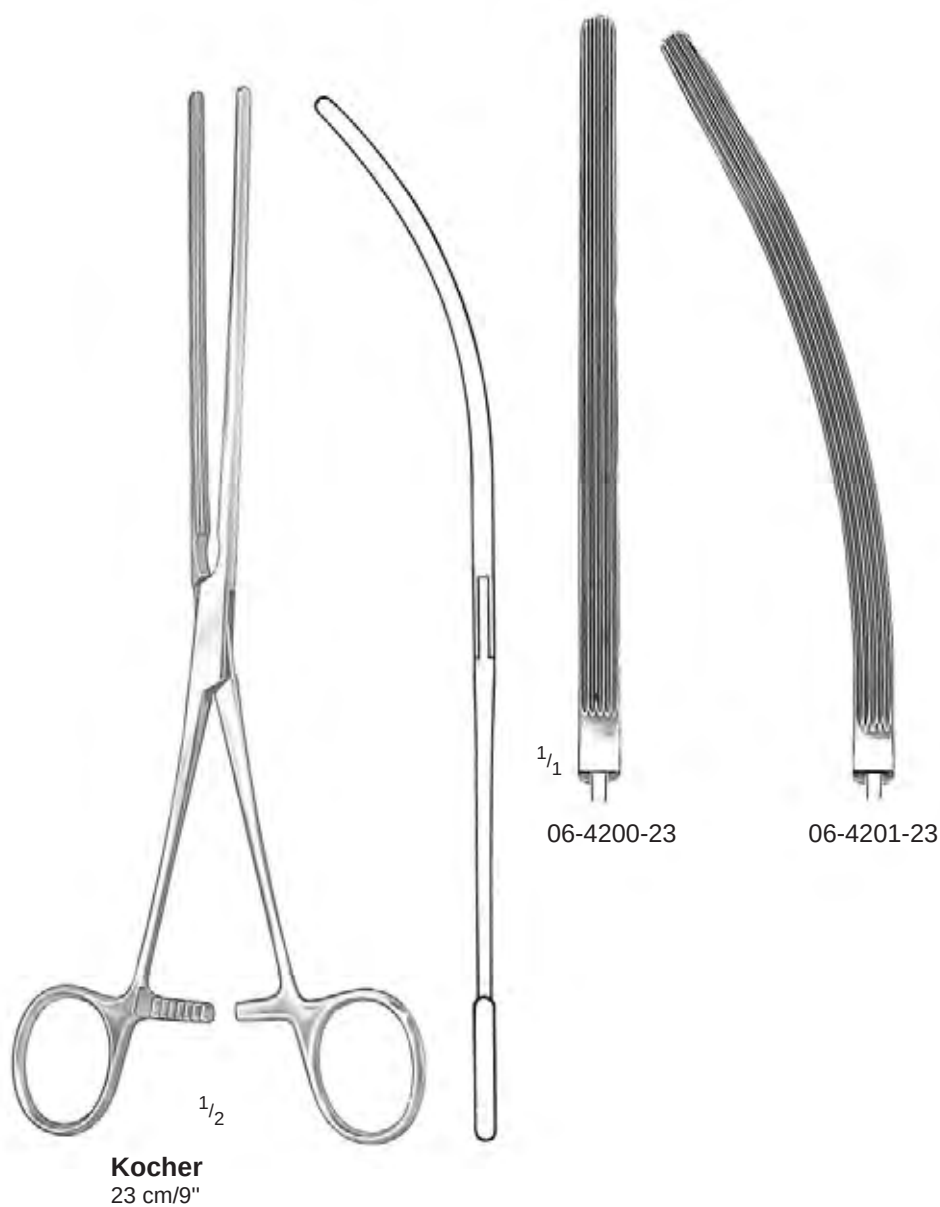
Intestinal Clamp Forceps

Pinzas-clamps intestinales

Pinces-clamps pour l'intestin (Pincés à coprostase)



06



06

Univer®



پنس روده

Darmklemmen

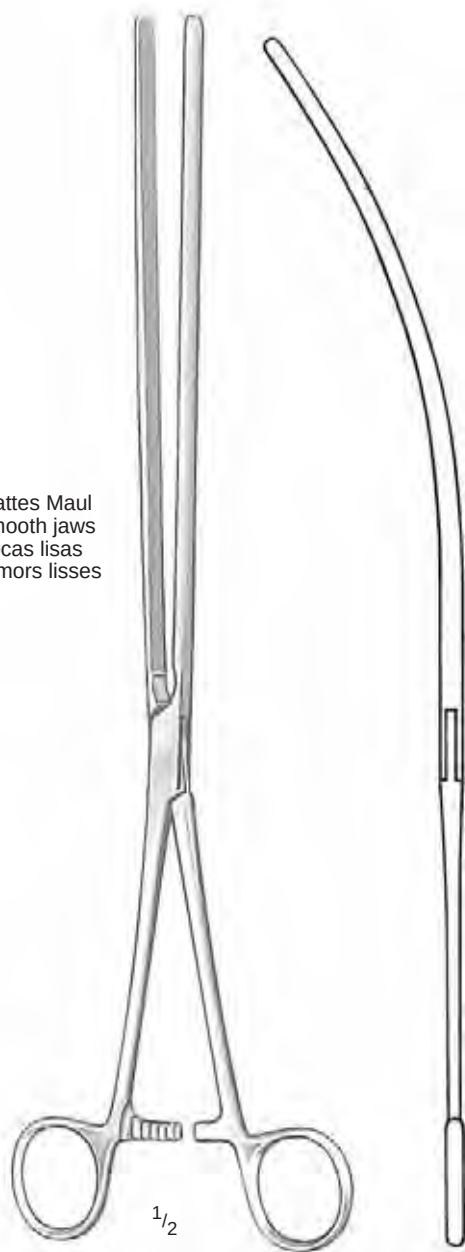
Intestinal Clamp Forceps

Pinzas-clamps intestinales

Pinces-clamps pour l'intestin (Pinces à coprostase)

sehr elastisch
very flexible
muy elástica
très souple

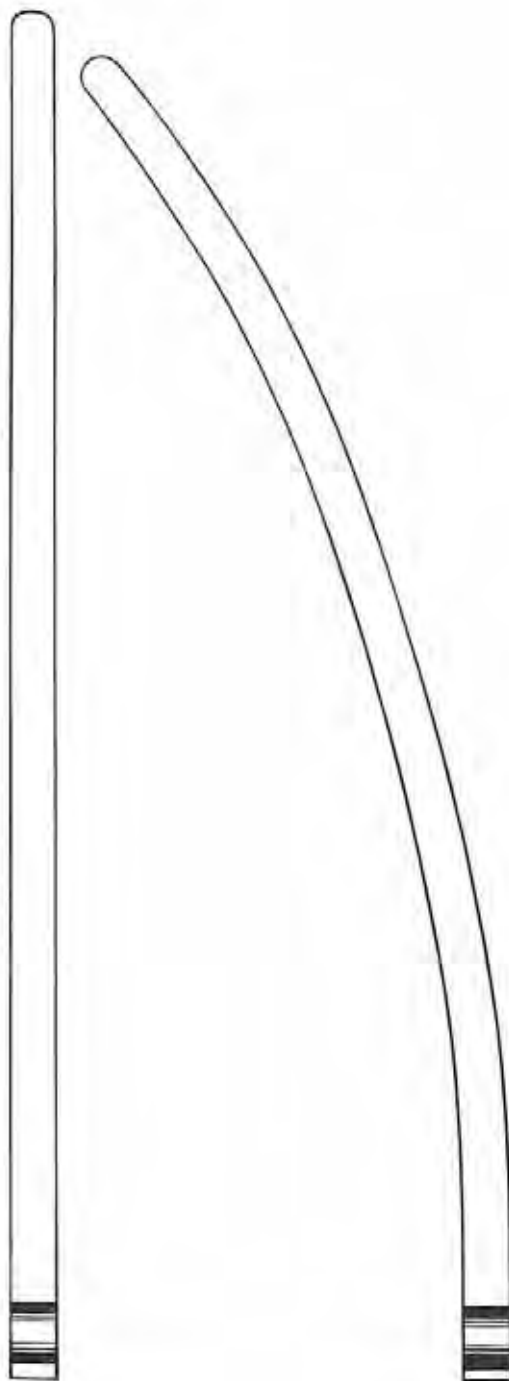
glattes Maul
smooth jaws
bocas lisas
à mors lisses



Scudder
33 cm/13"

1/1

06-4230-33



06-4231-33

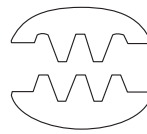
پنس روده

Atrauma Darmklemmen

Atrauma Intestinal Clamp Forceps

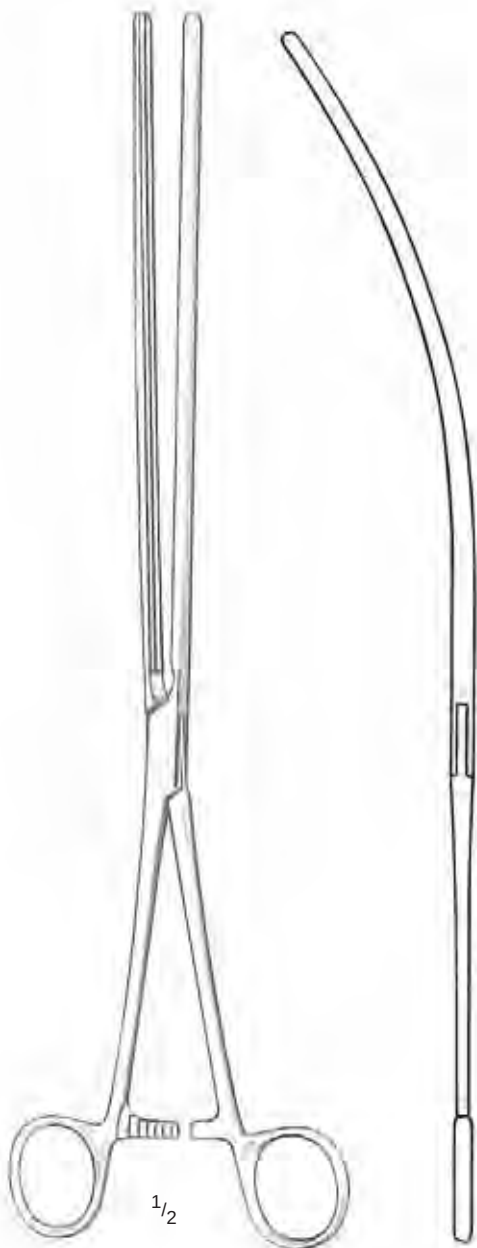
Atrauma Pinzas-clamps intestinales

Atrauma Pincès-clamps pour l'intestin (Pincès à coprostase)



06

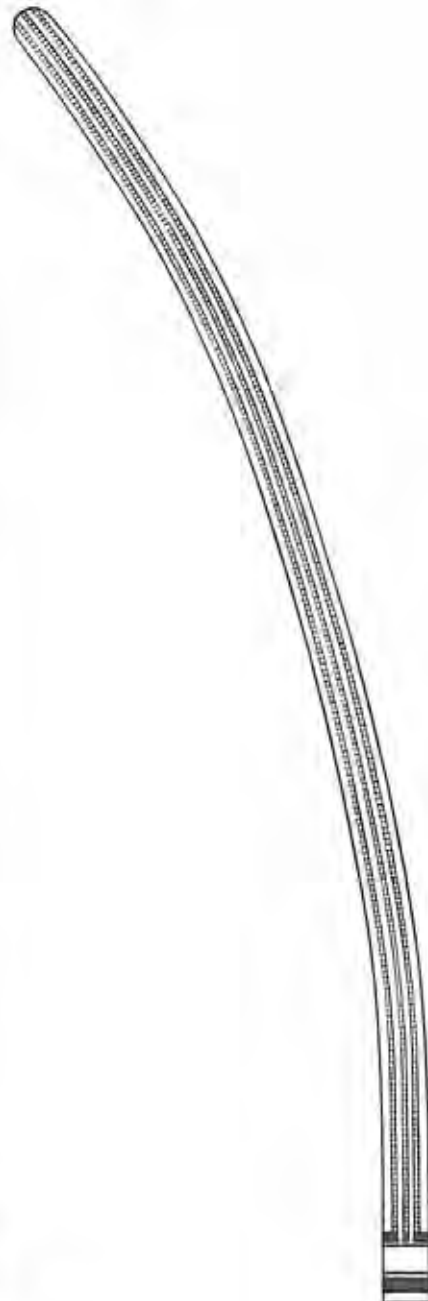
sehr elastisch
very flexible
muy elástica
très souple



Scudder Atrauma
33 cm/13"



06-4234-33



06-4235-33



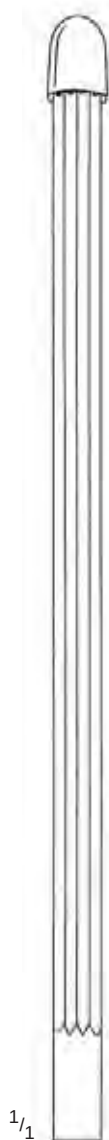
پنس روده و معده

Darm- und Magenklappen

Intestinal and Stomach Clamps

Pinzas-clamps intestinales y estomacales

Pinces-clamps pour l'intestin et l'estomac



$\frac{1}{1}$

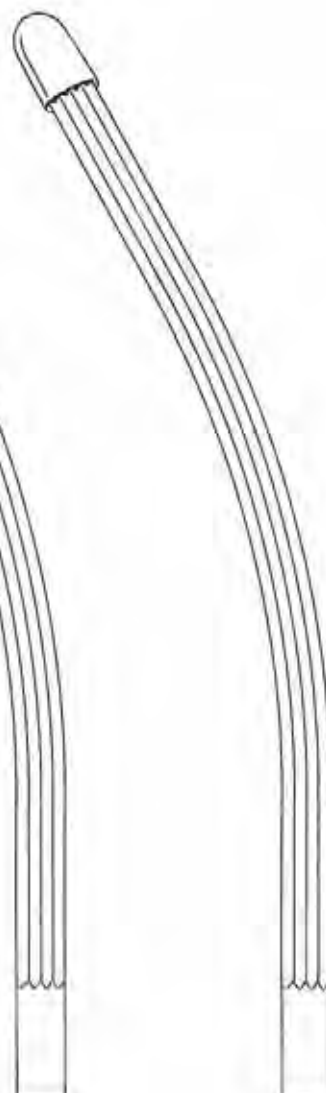
30,5 cm/12"
06-4300-30



25,5 cm/10"
06-4300-25



25,5 cm/10"
06-4301-25



30,5 cm/12"
06-4301-30



Nußbaum

پنس معدہ

Magenklemmen

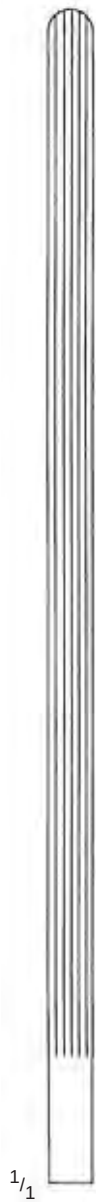
Stomach Clamp Forceps

Pinzas-clamps estomacales

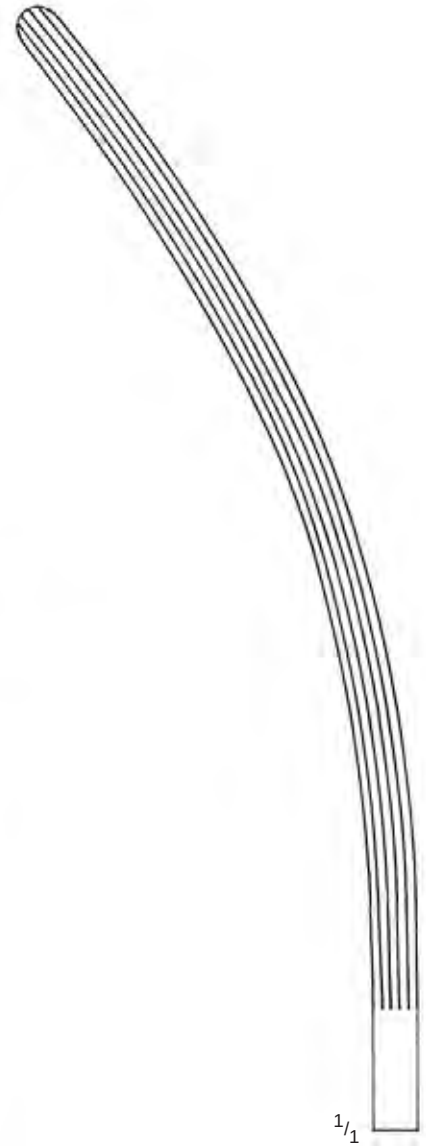
Pinces-clamps stomacales



06



Lane
30 cm/12"
06-4230-30



Lane
30 cm/12"
06-4231-30



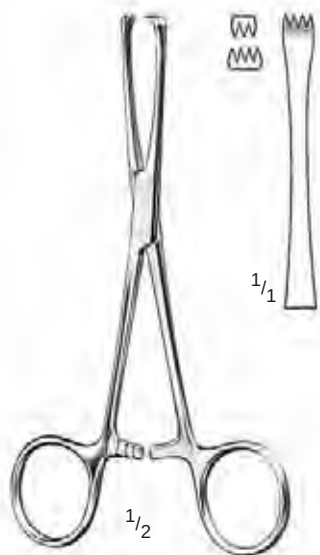
پنس آلیس

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

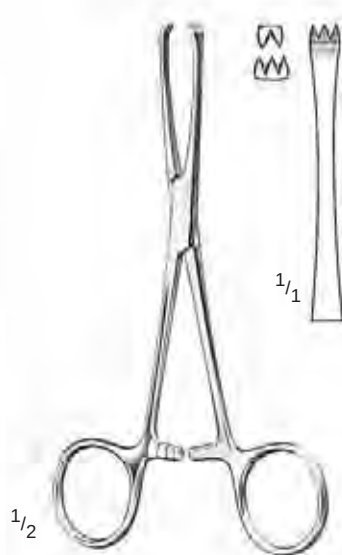
Pinzas para coger el tejidos e intestinos, pinzas para órganos

Pincers pour saisir le tissu, l'intestin et les organes

**Tuffier**

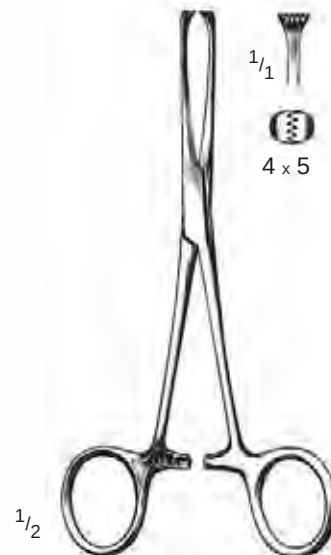
13 cm/5"

06-4310-13

**Chaput**

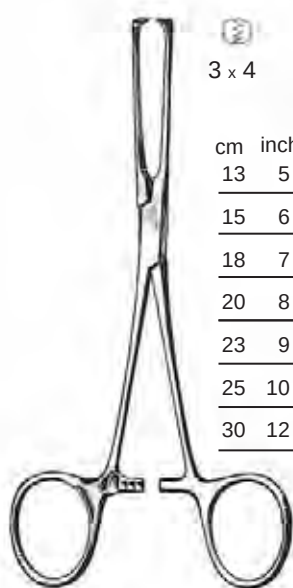
13 cm/5"

06-4312-13

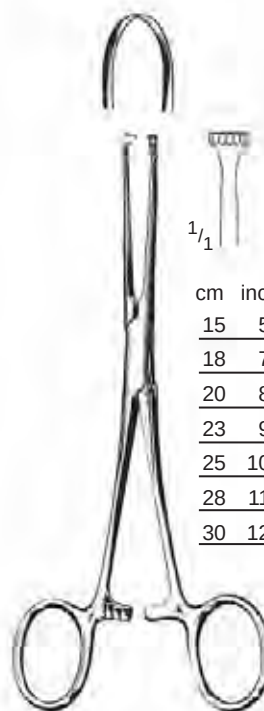
**Allis-Baby**

13 cm/5"

06-4322-13

**Allis**

cm	inch.	
13	5	06-4328-13
15	6	06-4328-15
18	7	06-4328-18
20	8	06-4328-20
23	9	06-4328-23
25	10	06-4328-25
30	12	06-4328-30

**Allis**

cm	inch.		cm	inch.	
15	5	06-4330-15	15	5	06-4332-15
18	7	06-4330-18	18	7	06-4332-18
20	8	06-4330-19	19	7 1/2	06-4332-19
23	9	06-4330-23			06-4332-23
25	10	06-4330-25			06-4332-25
28	11	06-4330-28			06-4332-28
30	12	06-4330-30			06-4332-30

پنس آلیس

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

Pinces pour saisir le tissu, l'intestin et les organes



06



Allis

20 cm/8"

06-4334-20



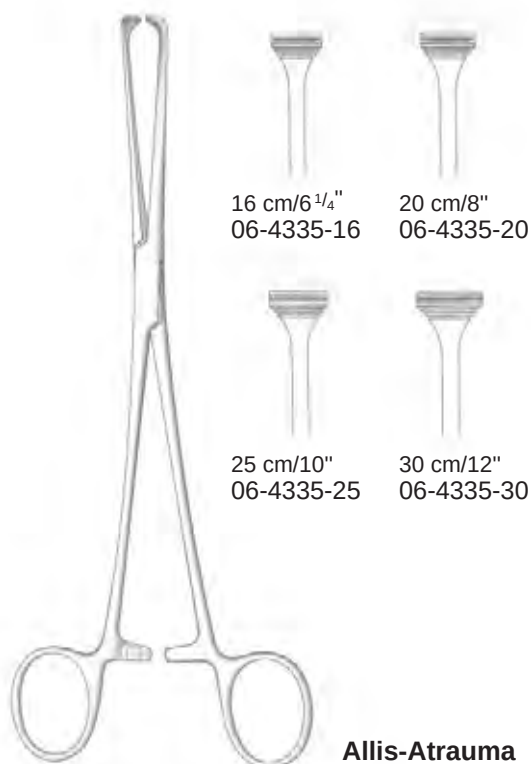
Lockwood-Allis

16 cm/6 1/4"

06-4346-16

20 cm/8"

06-4346-20



Allis-Atrauma

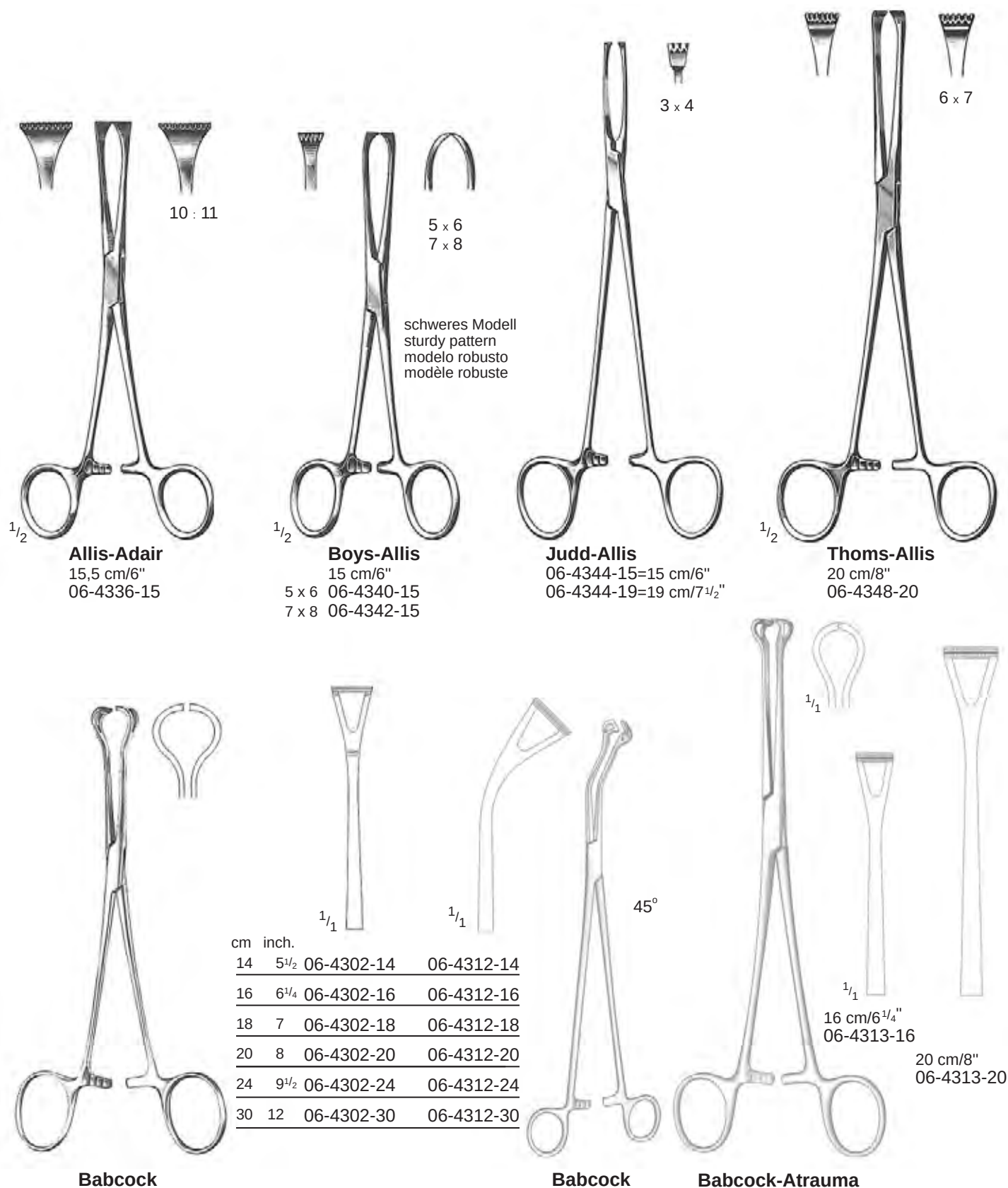
پنس آلیس، بیکاک

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

Pincers pour saisir le tissu, l'intestin et les organes



پنس آلیس و بیکاک T/C دسته طلایی (با تیغه تنگستن کارباید)

Atrauma Gewebefaßzangen mit Hartmetalleinlagen Univer Gold T/C

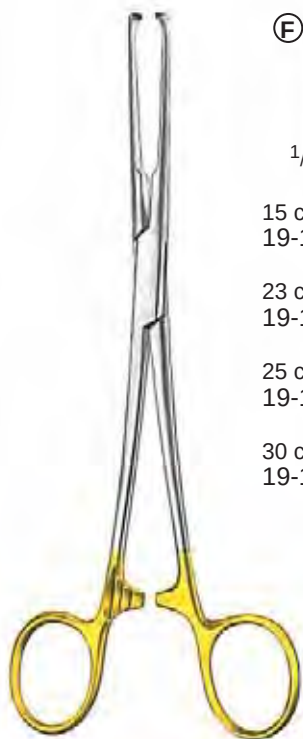
Atrauma Grasping Forceps with Tungsten Carbide Inserts Univer Gold T/C

Atrauma pinzas para coger el tejido con inserciones de tungsteno Univer Gold T/C

Atrauma pinces à pansements avec plaquettes en cabure de tungstène Univer Gold T/C



06



Allis

Ⓕ

1/1

15 cm/6"
19-150DE-15

23 cm/9"
19-150DE-23

25 cm/10"
19-150DE-25

30 cm/12"
19-150DE-30



19 cm/7 1/2"
19-150DE-19

Ⓕ

1/1

16 cm/6 1/4"
19-190DE-16

18 cm/7"
19-190DE-18



20 cm/8"
19-190DE-20



cm	inch.	
16	6 1/4	19-191DE-16
18	7	19-191DE-18
20	8	19-191DE-20
24	9 1/2	19-191DE-24
30	12	19-191DE-30



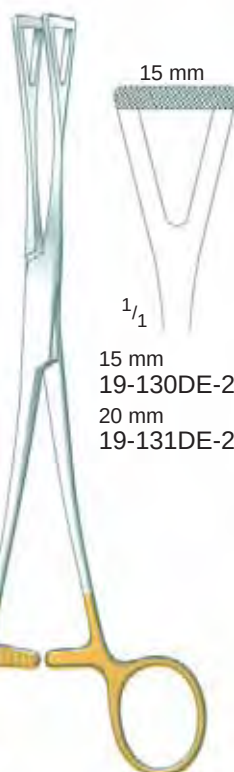
Babcock



Babcock



cm	inch.	
16	6 1/4	19-192DE-16
18	7	19-192DE-18
20	8	19-192DE-20
24	9 1/2	19-192DE-24
30	12	19-192DE-30



Duval
20 cm/8"

15 mm



1/1

15 mm
19-130DE-20
20 mm
19-131DE-20

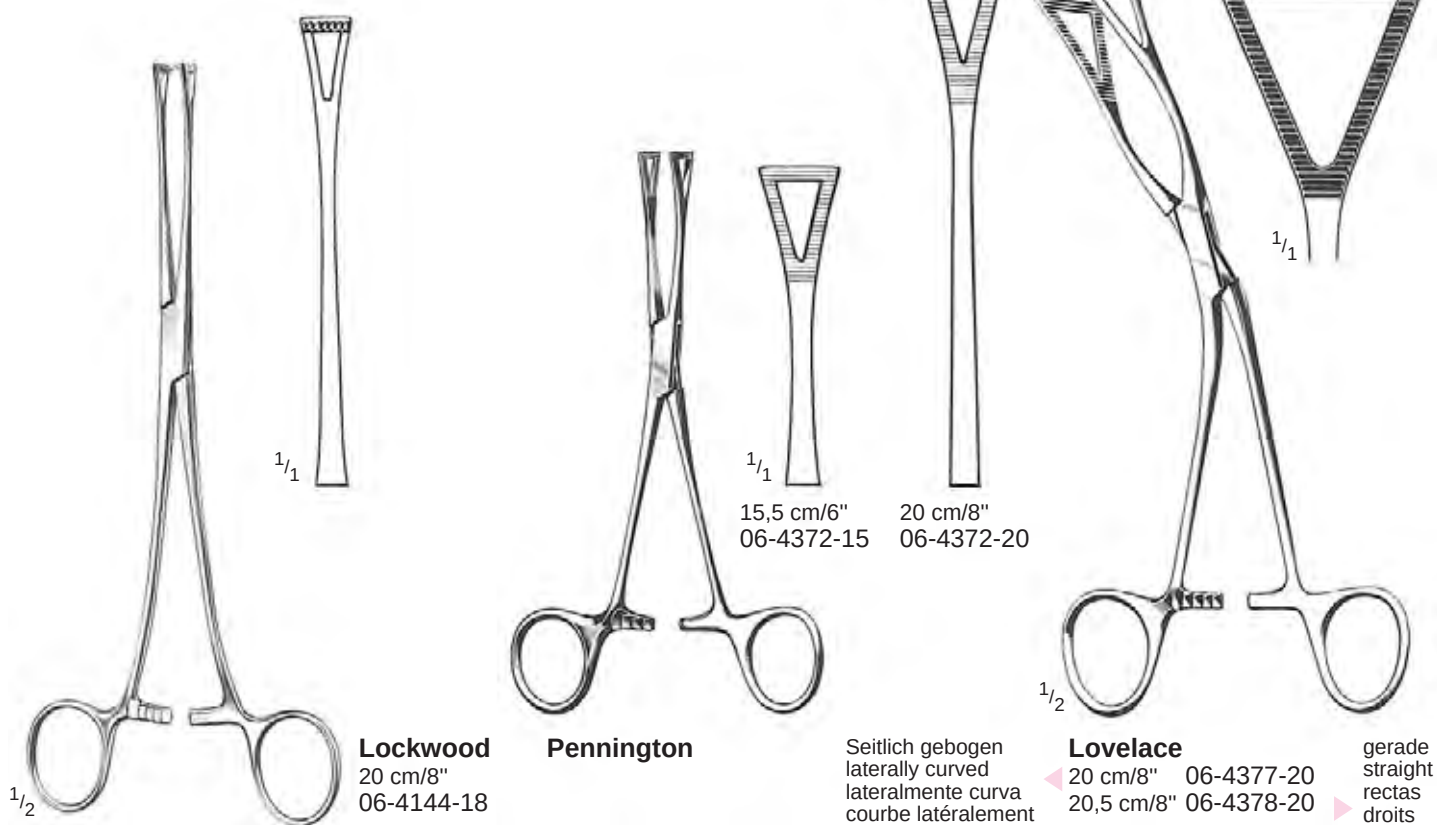
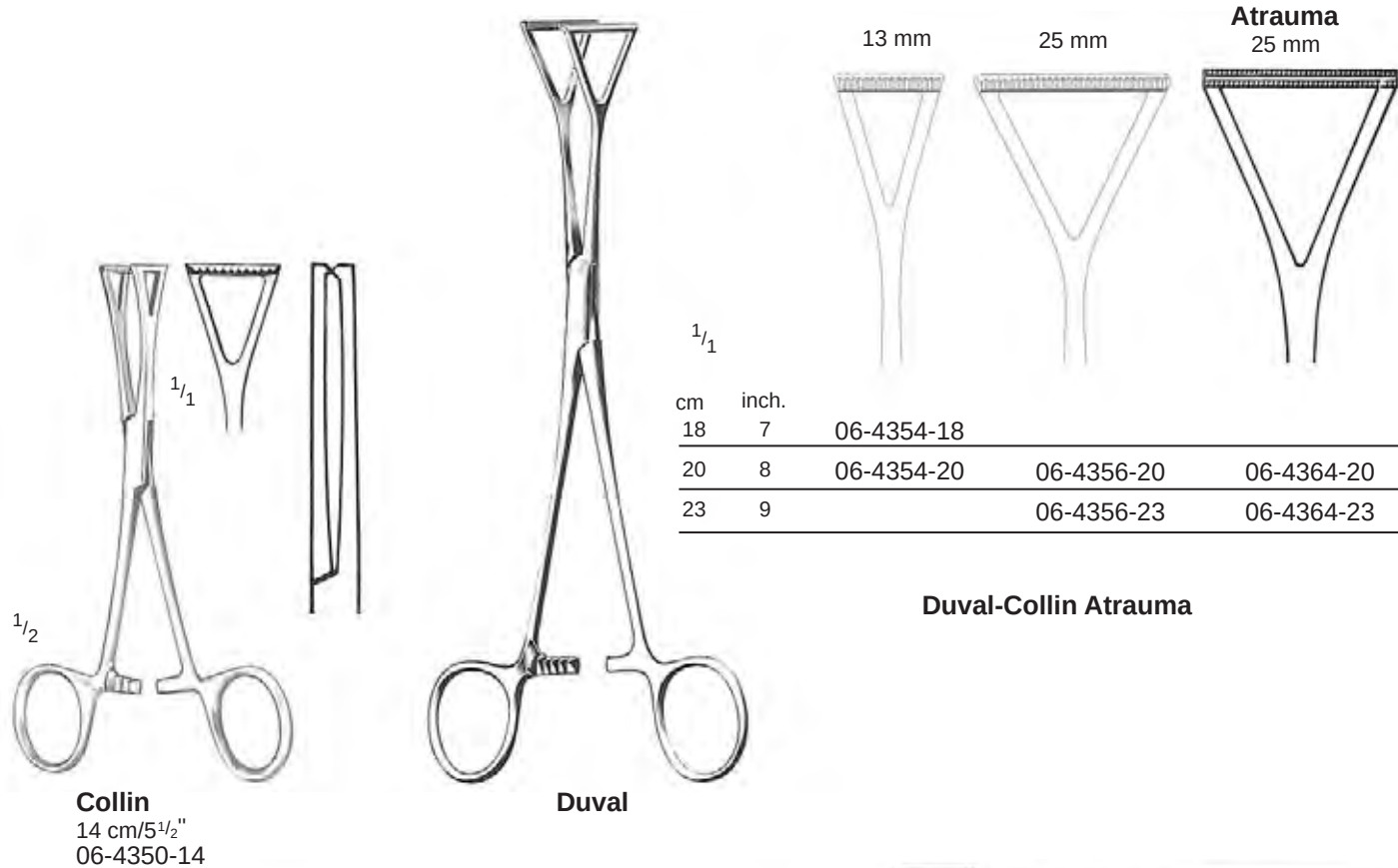
پنس مثلثی دوال

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

Pincers pour saisir le tissu, l'intestin et les organes



انواع پنس

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

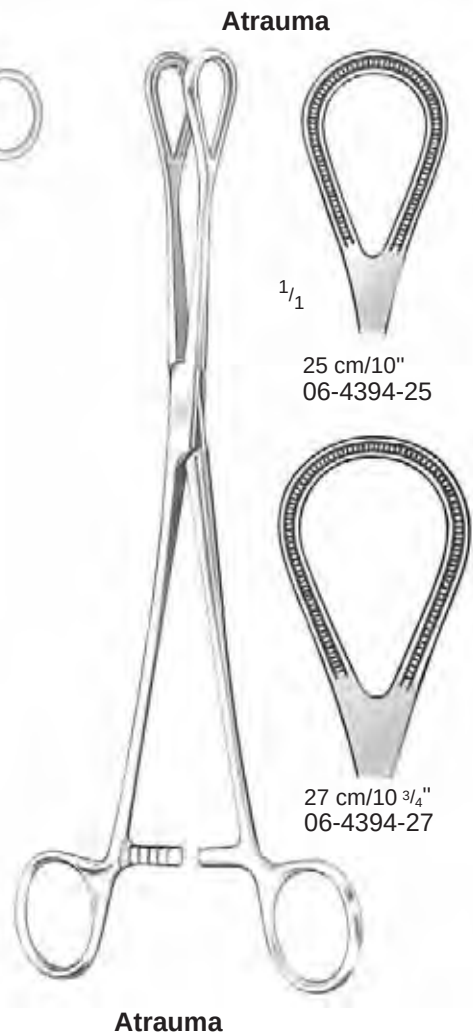
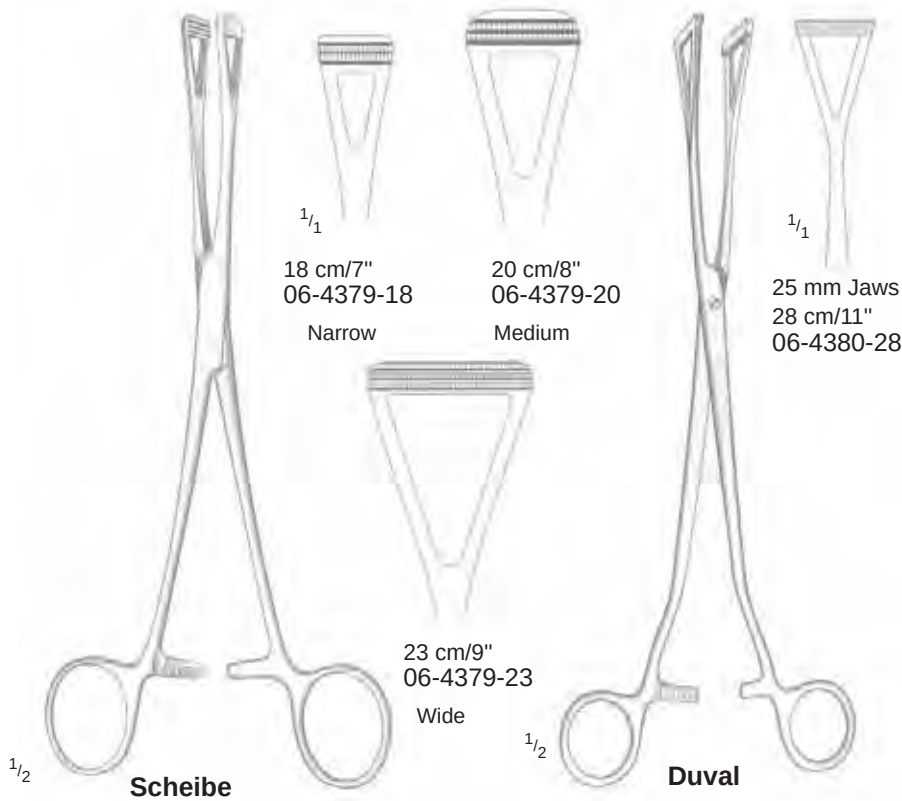
Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

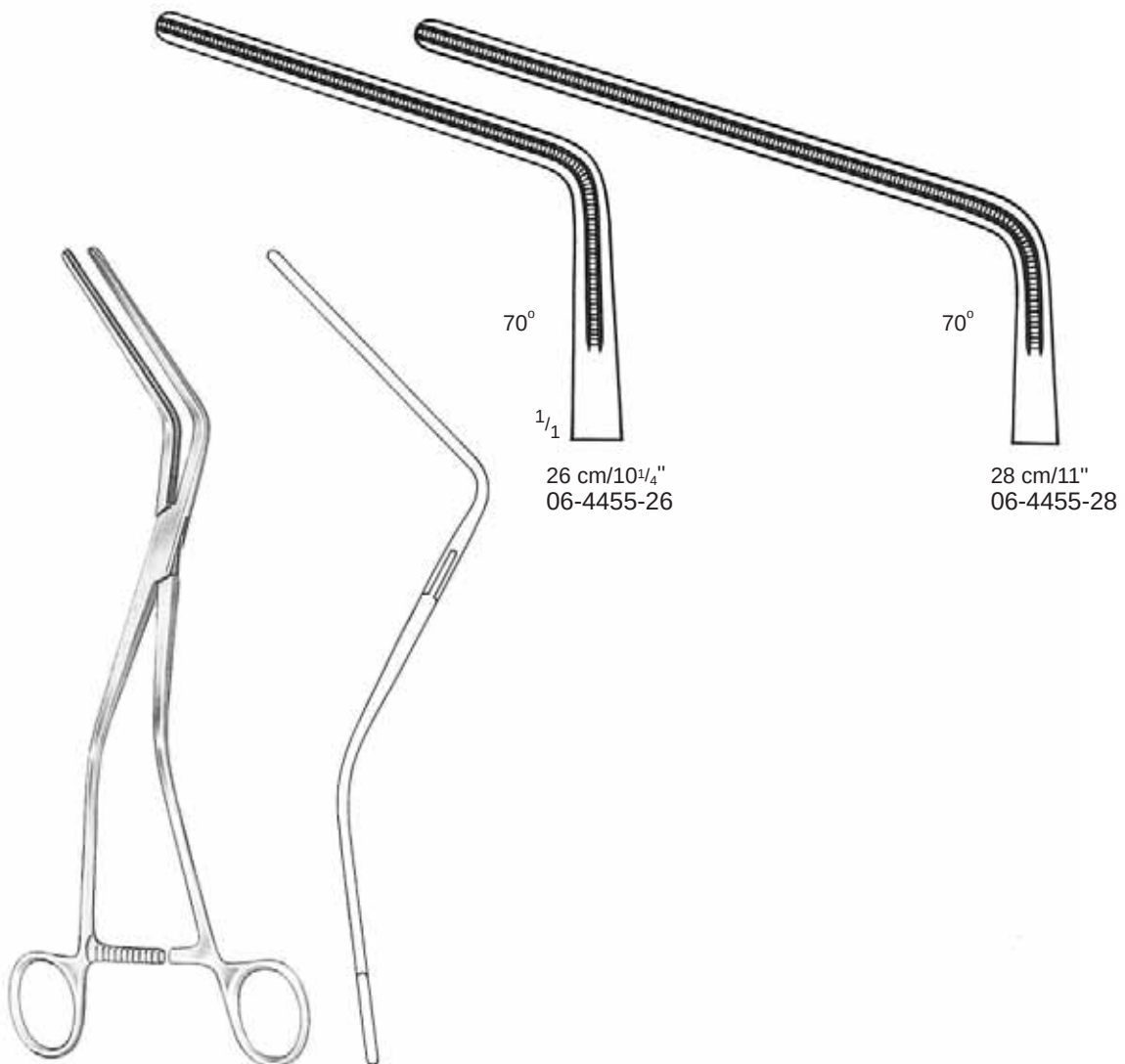
Pinzas para coger el tejidos e intestinos, pinzas para órganos

Pinces pour saisir le tissu, l'intestin et les organes



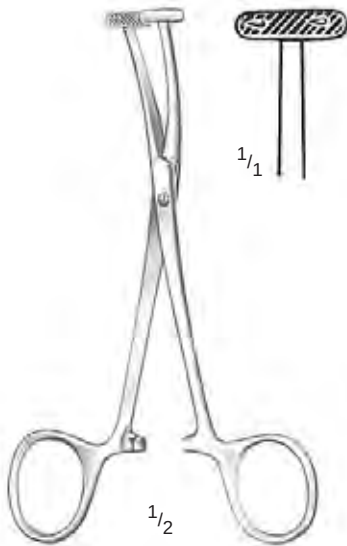
06



**Hayes Atrauma**

(Low-anterior rectum resection)

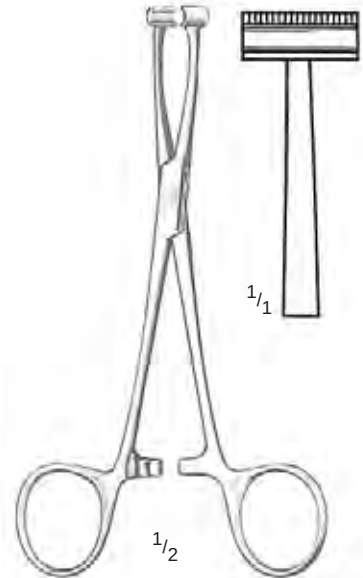
Kopfschwartenzangen
Scalp Flap Forceps
Pinzas para pericraneo
Pincers pour le cuir



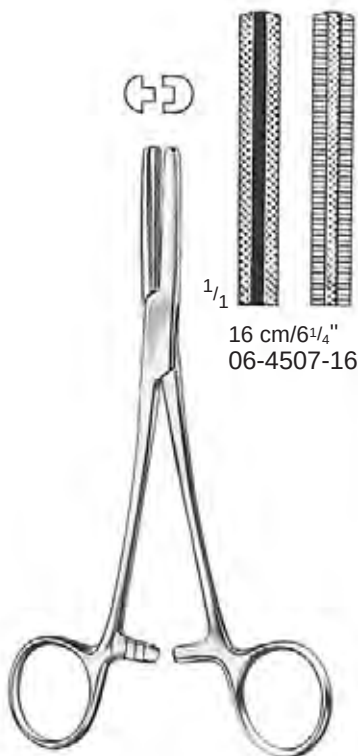
DeMartel
14 cm/5 1/2"
06-4501-14



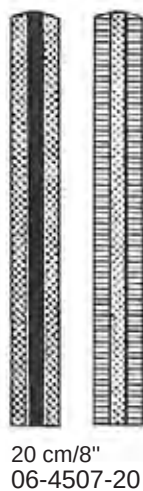
DeMartel (Willett)
18 cm/7"
06-4501-18



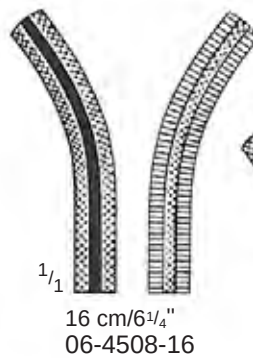
Pratt
15 cm/6"
06-4504-15



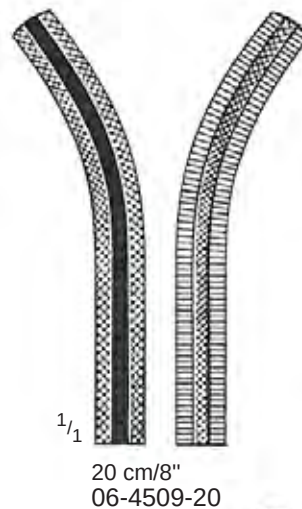
Fergusson



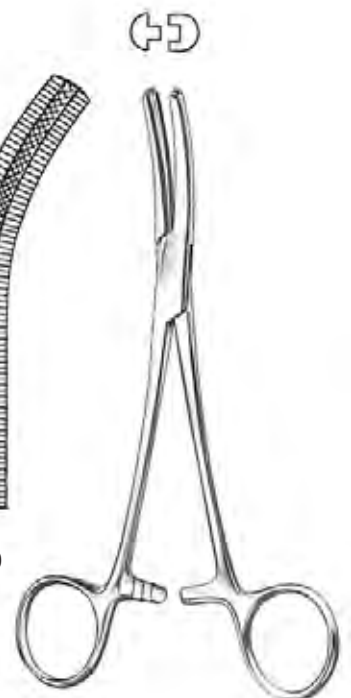
20 cm/8"
06-4507-20



16 cm/6 1/4"
06-4508-16

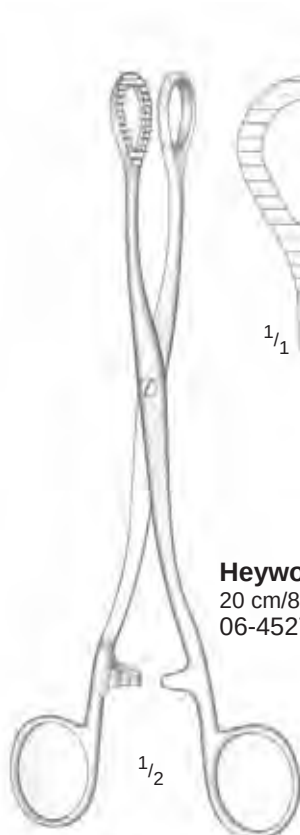


20 cm/8"
06-4509-20

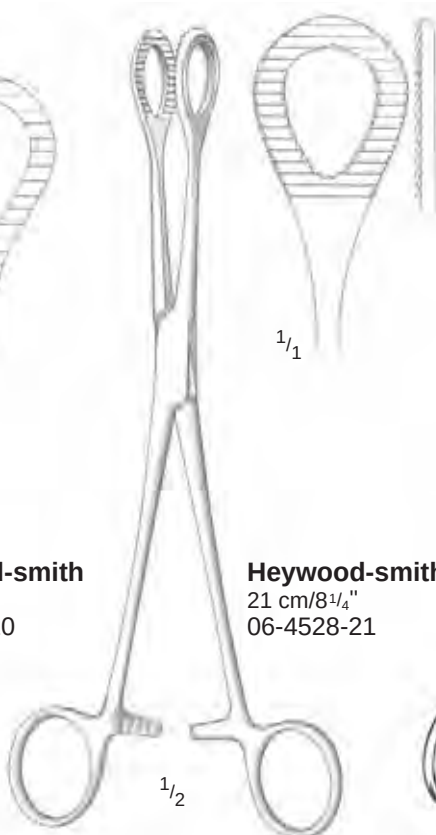


Fergusson

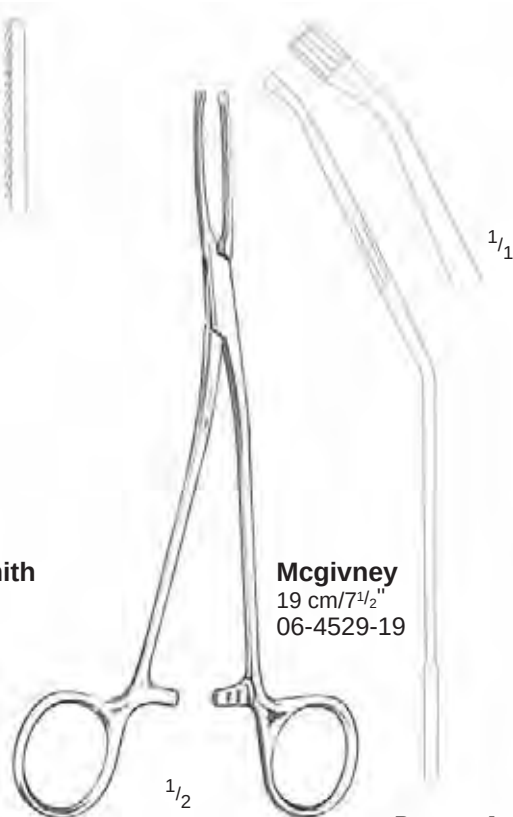
Hämorrhoidenklemmen
Haemorrhoidal Forceps
Pinzas-clamps hemorroidales
Pincers-clamps pour hémorroïdes



Heywood-smith
 20 cm/8"
 06-4527-20



Heywood-smith
 21 cm/8 1/4"
 06-4528-21



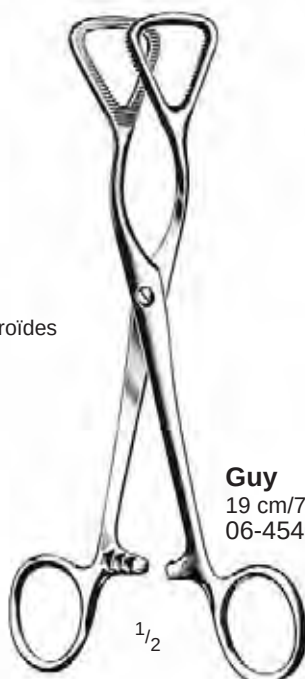
McGivney
 19 cm/7 1/2"
 06-4529-19

Reverse Jaws
 06-4530-19

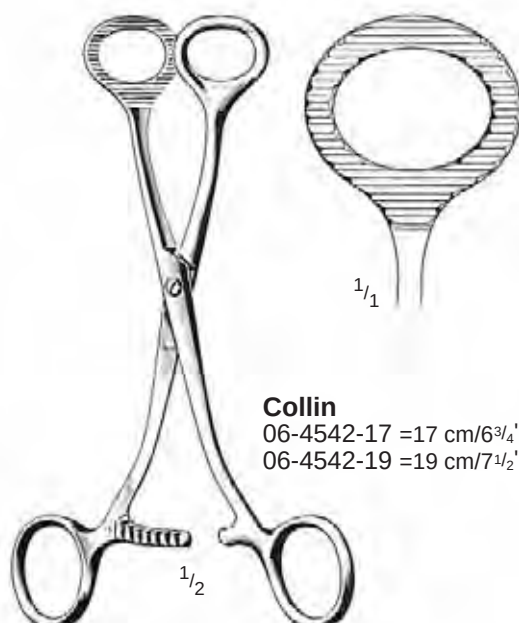


Hämorrhoidenklemme
 Haemorrhoidal Forceps
 Pinza-clamp hemorroidal
 Pince-clamp pour hémorroïdes

Luer
 24,5 cm/9 3/4"
 06-4532-24



Guy
 19 cm/7 1/2"
 06-4540-19



Collin
 06-4542-17 = 17 cm/6 3/4"
 06-4542-19 = 19 cm/7 1/2"

پنس پدیکول کلیه

Nierenstielklemmen

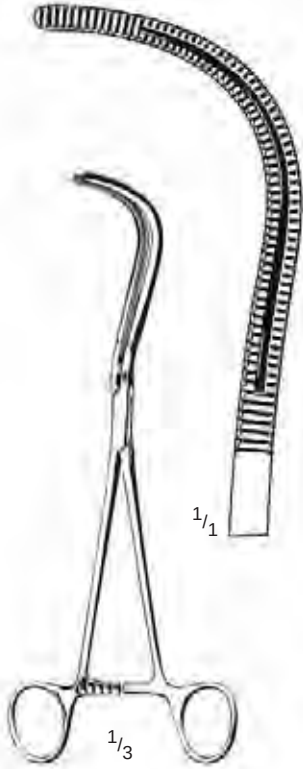
Kidney Pedicle Clamp Forceps

Pinzas-clamps para pedúnculos renales

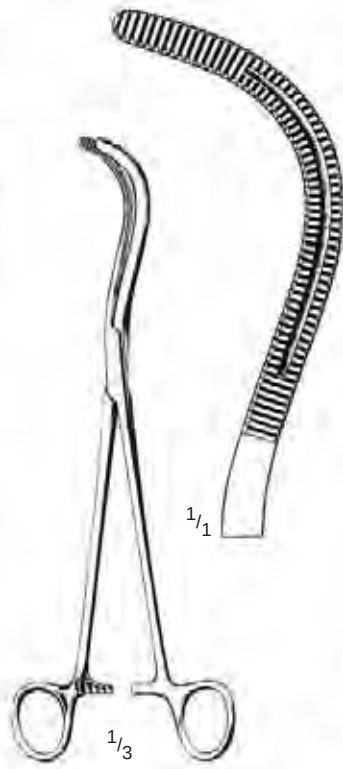
Pinces-clamps pour pédicules rénaux



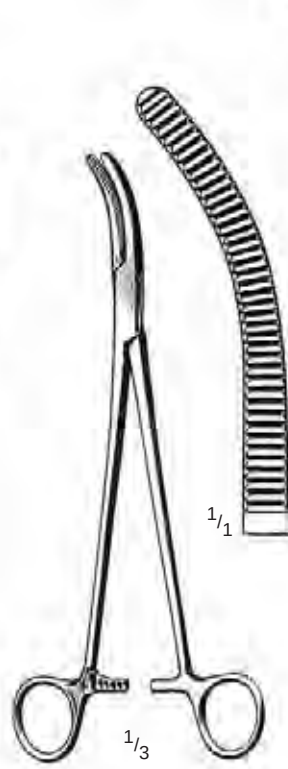
06



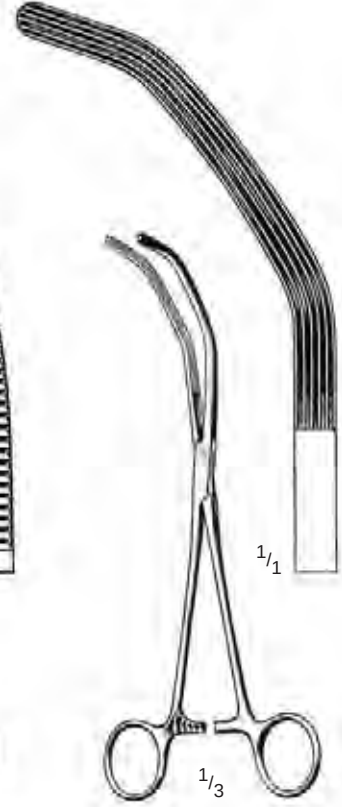
Stille
22 cm/8³/₄"
06-4601-22



Stille
24 cm/9¹/₂"
06-4601-24



Wertheim
25 cm/10"
06-4613-25



Herrick
23 cm/9"
06-4621-23



Péan



20 cm/8"
06-4623-20



22 cm/8³/₄"
06-4623-22



24 cm/9¹/₂"
06-4623-24

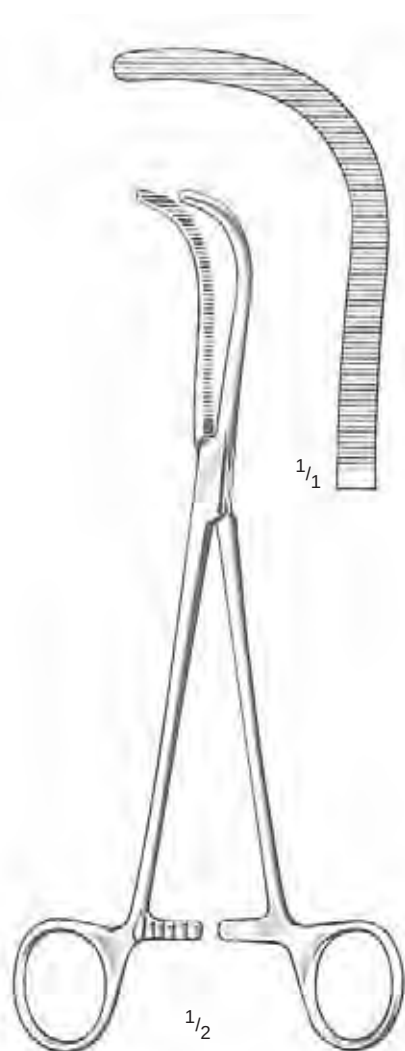
پنس پدیقول کلیه

Nierenstielklemmen

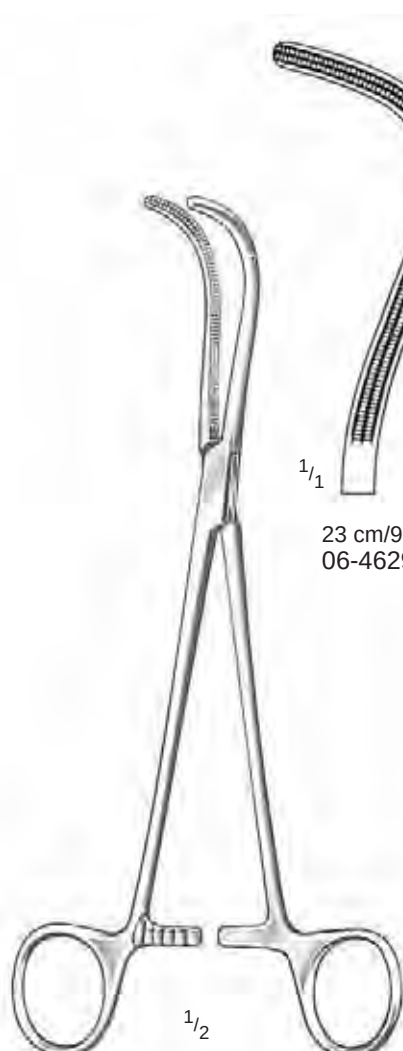
Kidney Pedicle Clamp Forceps

Pinzas-clamps para pedúnculos renales

Pincers-clamps pour pédicules rénaux



Guyon
23 cm/9"
06-4625-23



Guyon Atrauma



23 cm/9"
06-4629-23



24 cm/9½"
06-4629-24

پنس عروق کلیه

Atrauma Nierenarterienklemmen

Atrauma Renal Artery Clamps

Atrauma Pinzas para las arterias renales

Atrauma Pincers pour artère rénale



06



DeBakey
20 cm/8"
06-4641-20

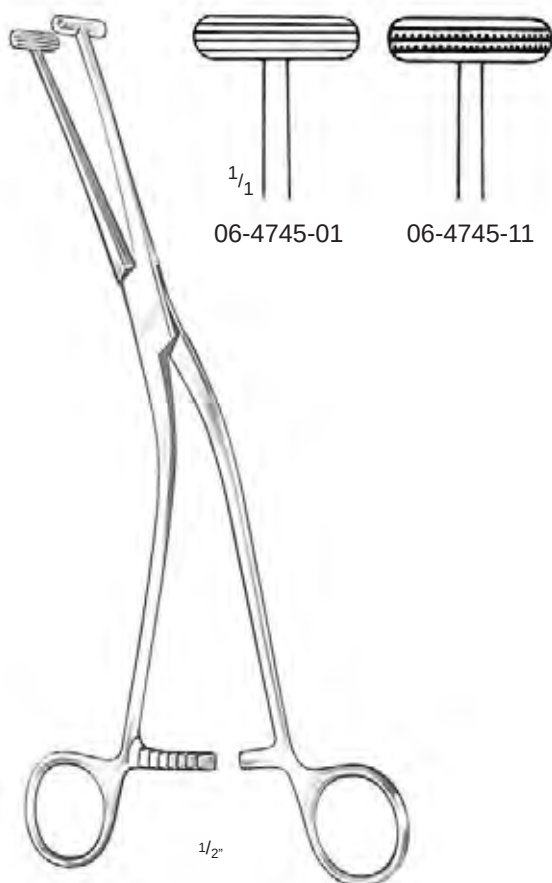
Cooley
18,5 cm/7¹/₄"
06-4645-18

Cooley
19,5 cm/7³/₄"
06-4645-19

Nierenarterienklemmen - auch für Schlüsselbein- und Halsschlagader
Renal Artery Clamps - also used for subclavian and carotid artery
Pinzas para las arterias renales - también se usan para las arterias clavicular y carótida
Pincers pour artère rénale, sous-clavière et carotide

Kapselfaßzange, zur retropubischen
 Prostatektomie
 Capsule Forceps, for retropubic
 prostatectomy
 Pinza capsular para prostatectomía
 retropúbica
 Pince pour saisir les capsules, pour
 prostatectomie rétropubique

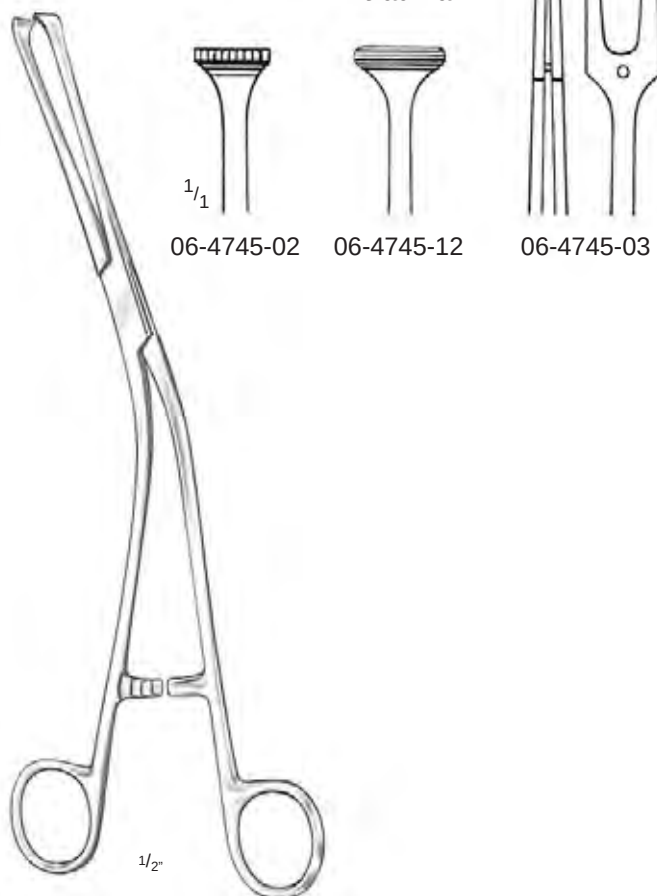
Atrauma



Millin
 23 cm/9"

Faßzange, für die
 vorderen Lappen
 Prostatic Lobe Holding Forceps,
 for anterior lobes
 Pinza para coger los lóbulos
 anteriores
 Pince pour saisir les lambeaux
 antérieurs

Atrauma



Millin
 23,5 cm/9 1/4"

Fadenführungs-
 zange
 Ligatur Carrying
 Forceps
 Pinza porta-
 ligaduras
 Pince porte-
 fil

انواع پنس کیسه صفرا

Gallenkanal- und Cystikusklappen

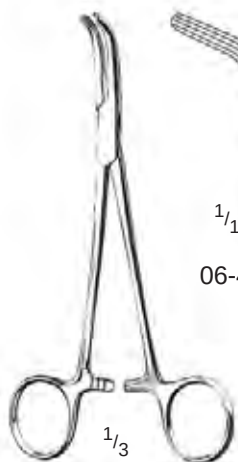
Gall Duct- and Cystic Forceps

Pinzas-clamps para conductos biliares y pinzas cisticas

Pinces-clamps pour voies biliaires et cystiques



06

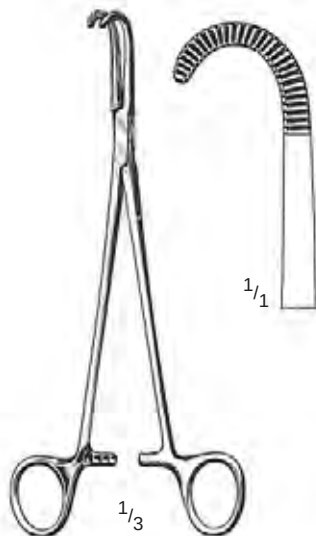


$\frac{1}{1}$

06-4825-18

Lower
18 cm/7"

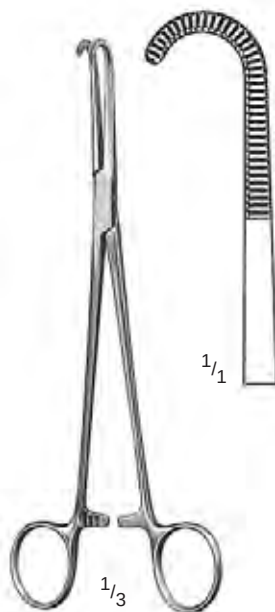
$\frac{1}{3}$



$\frac{1}{1}$

Desjardins
21 cm/8 $\frac{1}{4}$ "
06-4837-21

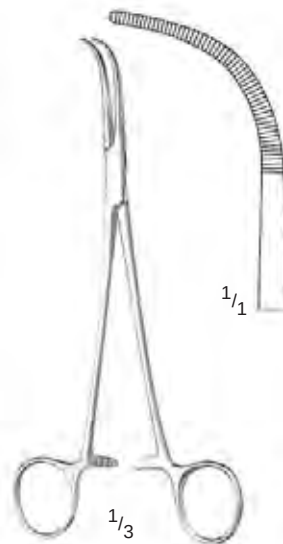
$\frac{1}{3}$



$\frac{1}{1}$

Nissen
22,5 cm/9"
06-4839-22

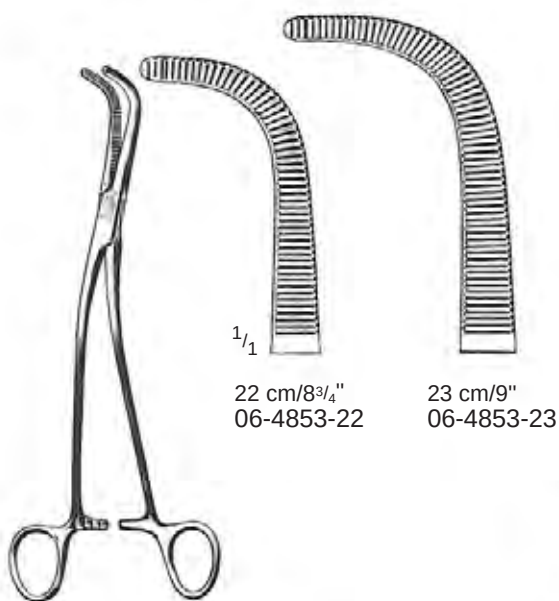
$\frac{1}{3}$



$\frac{1}{1}$

Green
20 cm/8"
06-4843-20

$\frac{1}{3}$



$\frac{1}{1}$

22 cm/8 $\frac{3}{4}$ "
06-4853-22

23 cm/9"
06-4853-23

Gray



$\frac{1}{1}$

23 cm/9"
06-4865-23

24 cm/9 $\frac{1}{2}$ "
06-4865-24

Moynihan



پنس سنگ کیسه صفرا

Gallensteinzangen

Gall Stone Forceps

Pinzas para cálculos biliares

Pinces pour calculs biliaires


 $\frac{1}{1}$

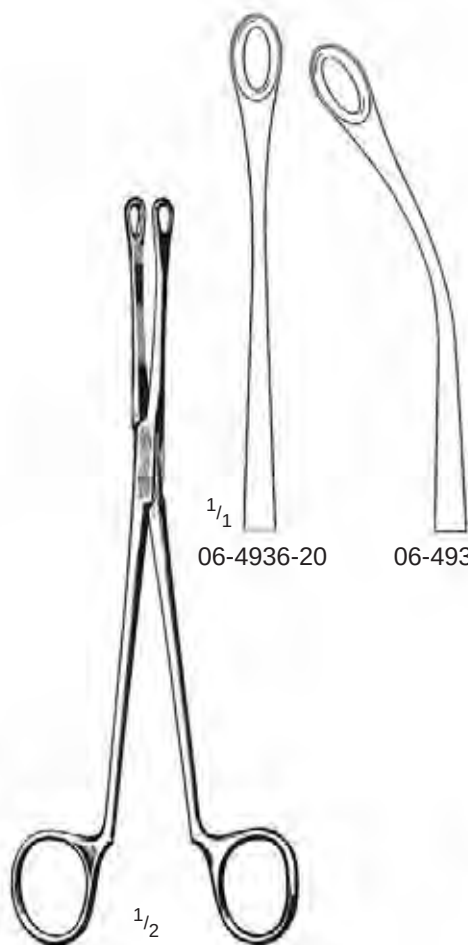
06-4911-01

 $\frac{1}{1}$

06-4911-02

 $\frac{1}{2}$

Desjardins
23 cm/9"

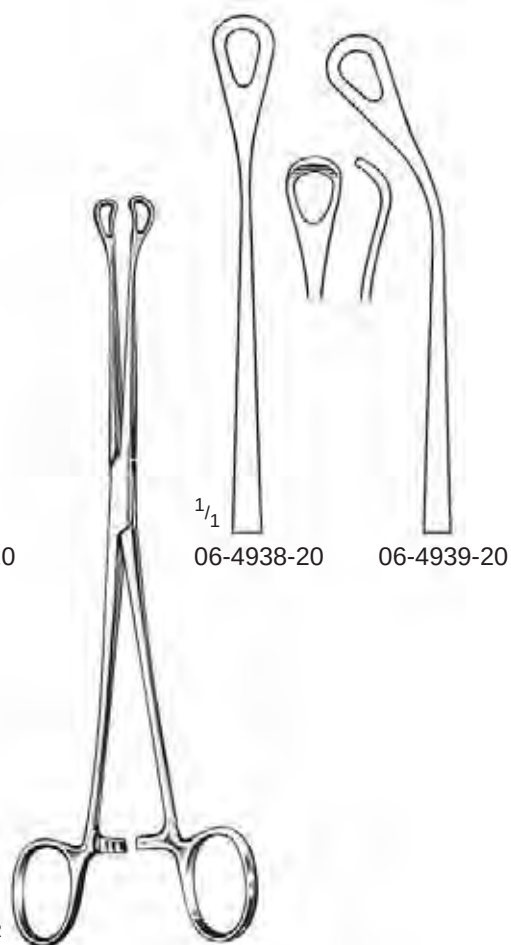

 $\frac{1}{1}$

06-4936-20

06-4937-20

 $\frac{1}{2}$

Blake
20 cm/8"


 $\frac{1}{1}$

06-4938-20

06-4939-20

 $\frac{1}{2}$

Mayo-Blake
20 cm/8"

پنس سنگ کیسه صفرا

Gallensteinzangen

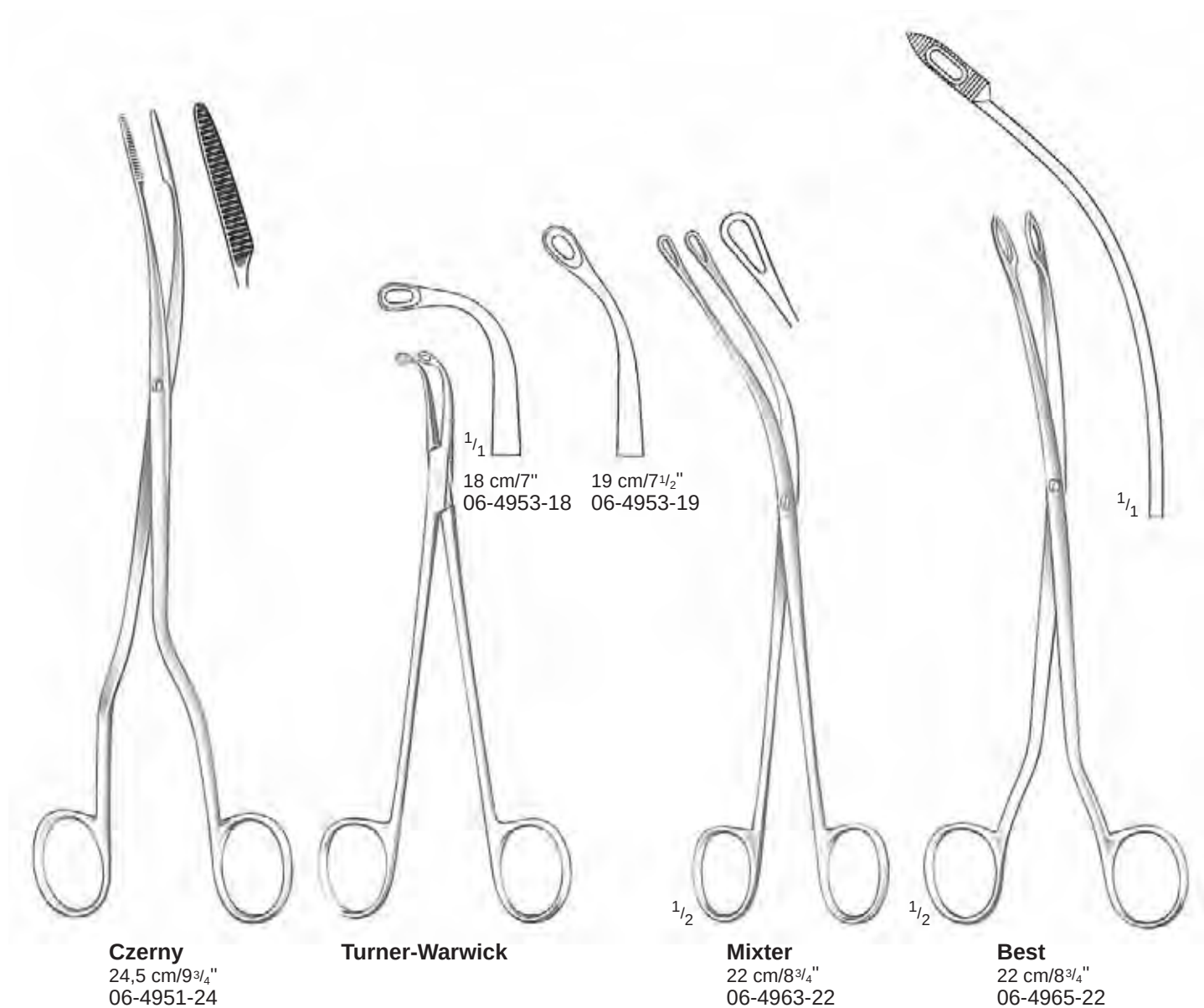
Gall Stone Forceps

Pinzas para cálculos biliares

Pinces pour calculs biliaires

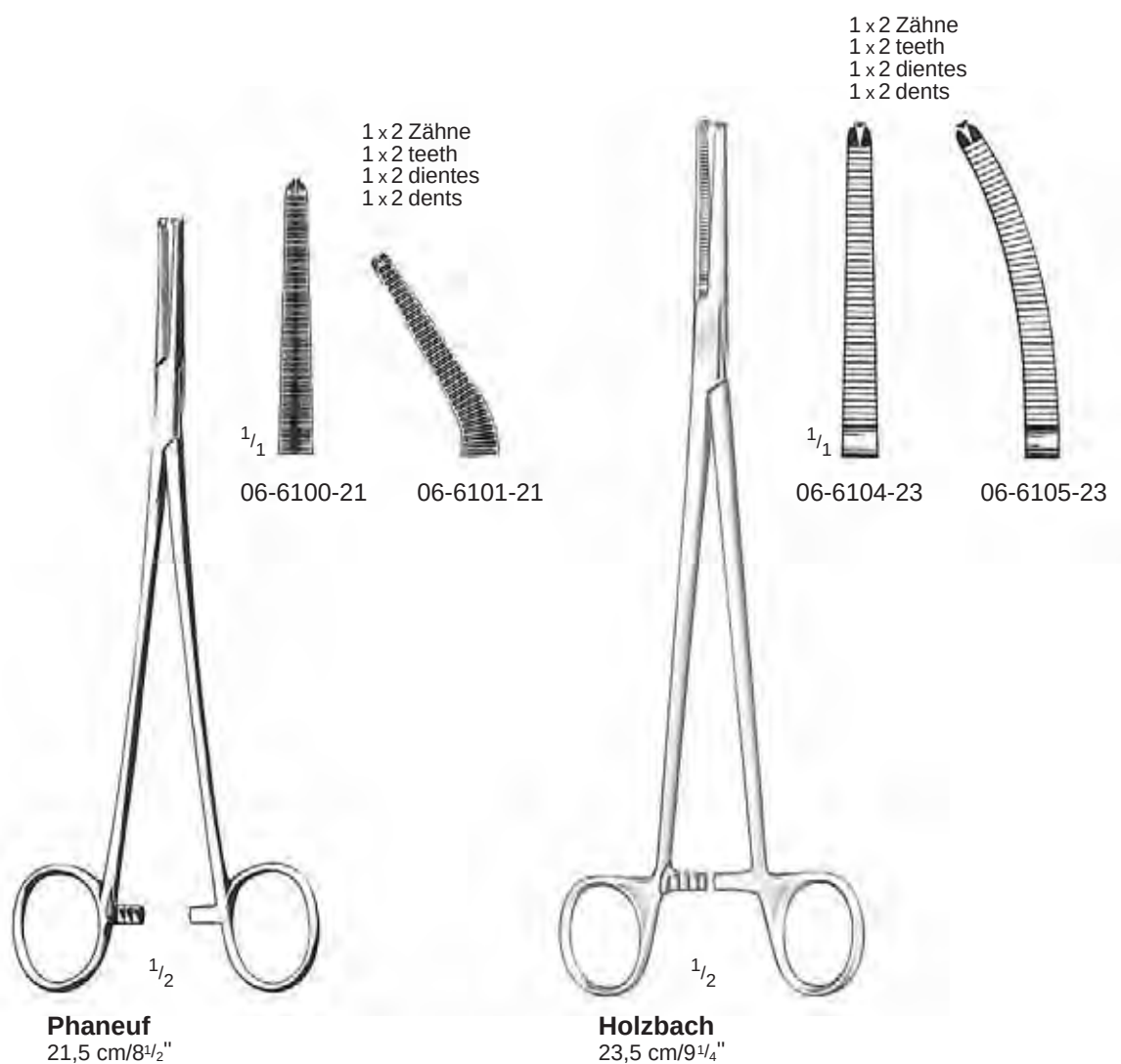


06



پنس هموستات با دندان‌ه واژینال

Arterienklemmen, Klemmzangen, Hysterektomieklemmen, Vaginalklemmen
Hemostatic Forceps, Clamp-Forceps, Hysterectomy and Vaginal Forceps
Pinzas hemostáticas, Pinzas-clamps para histerectomía y vaginales
Pincas hémostatiques, Pincas-clamps, Pincas à hystérectomie et vaginales

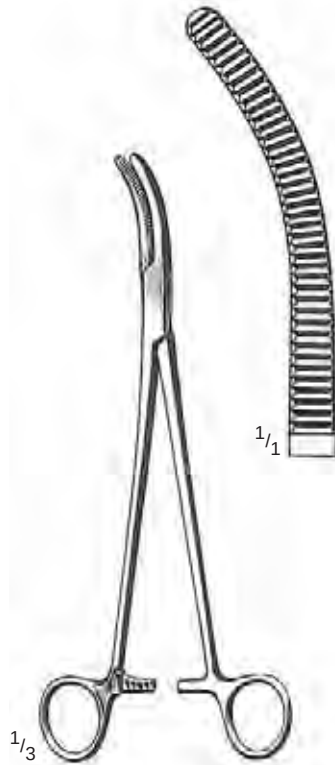


انواع پنس واژینال

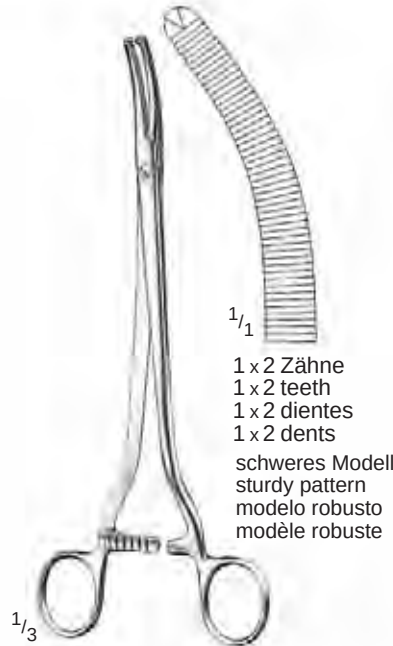
Arterienklemmen, Klemmzangen, Hysterektomieklemmen, Vaginalklemmen
Hemostatic Forceps, Clamp-Forceps, Hysterectomy and Vaginal Forceps
Pinzas hemostáticas, Pinzas-clamps para histerectomía y vaginales
Pincas hémostatiques, Pincas-clamps, Pincas à hystérectomie et vaginales



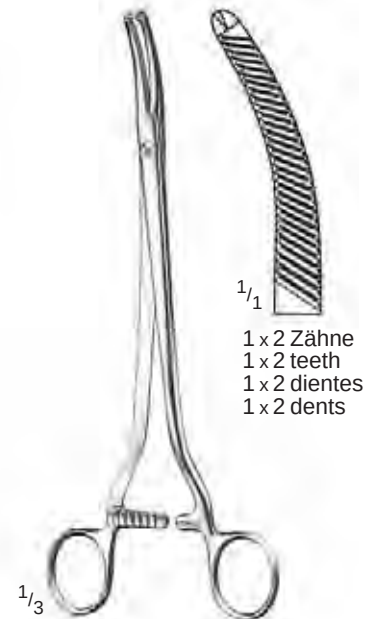
06



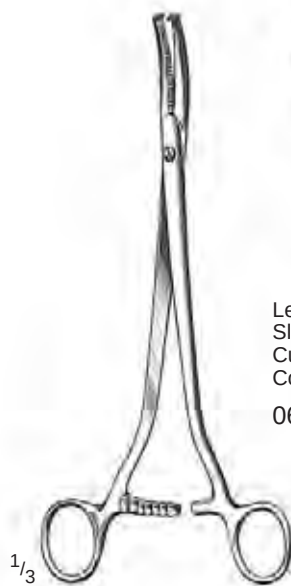
Wertheim
25 cm/10"
06-4613-25



Wertheim
24 cm/9 1/2"
06-6125-24



Wertheim
23 cm/9"
06-6129-23



Wertheim
23 cm/9"



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

Leicht gebogen
Slightly curved
Curva ligera
Courbure légère

06-6131-22



Stärker gebogen
More curved
Más curva
Courbure forte

06-6131-23



Wertheim
23 cm/9"



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

Leicht gebogen
Slightly curved
Curva ligera
Courbure légère

06-6135-22

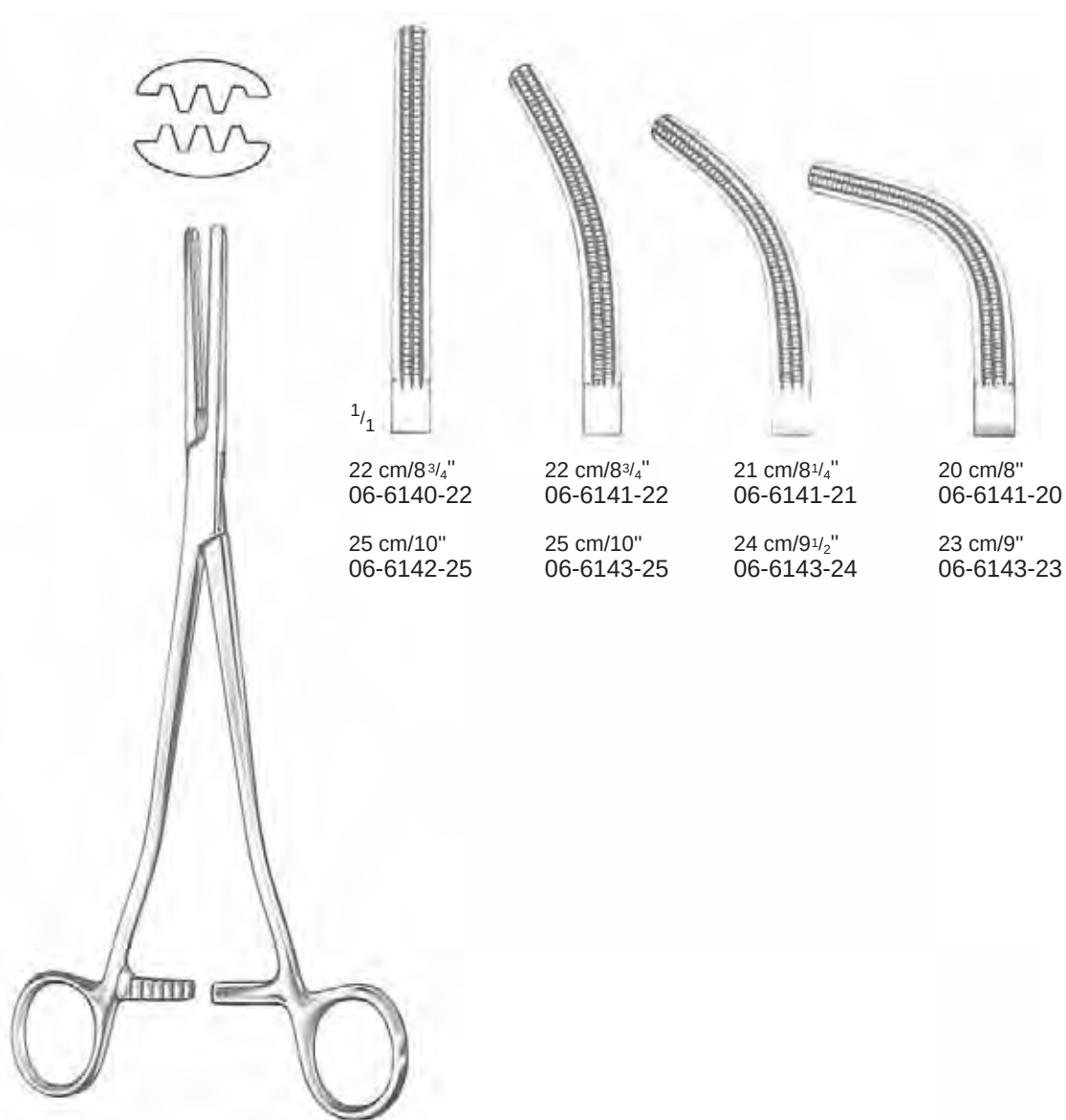


Stärker gebogen
More curved
Más curva
Courbure forte

06-6135-23

پنس واژینال

Atrawma Arterienklemmen, Klemmzangen, Hysterektomieklemmen, Vaginalklemmen
 Atrawma Hemostatic Forceps, Clamp-Forceps, Hysterectomy and Vaginal Forceps
 Atrawma Pinzas hemostáticas, Pinzas-clamps para histerectomía y vaginales
 Atrawma Pincas hémostatiques, Pincas-clamps, Pincas à hystèrectomie et vaginales



Parametrium Atrauma

انواع پنس هیستریکتومی و واژینال

Atrauma Arterienklemmen, Klemmzangen, Hysterektomieklemmen, Vaginalklemmen

Atrauma Hemostatic Forceps, Clamp-Forceps, Hysterectomy and Vaginal Forceps

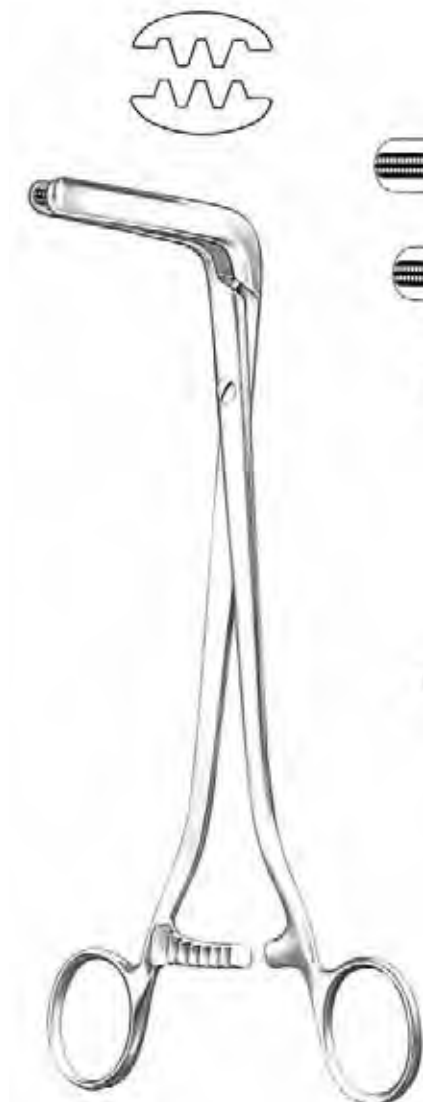
Atrauma Pinzas hemostáticas, Pinzas-clamps para histerectomía y vaginales

Atrauma Pincers hémostatiques, Pincers-clamps, Pincers à hystérectomie et vaginales



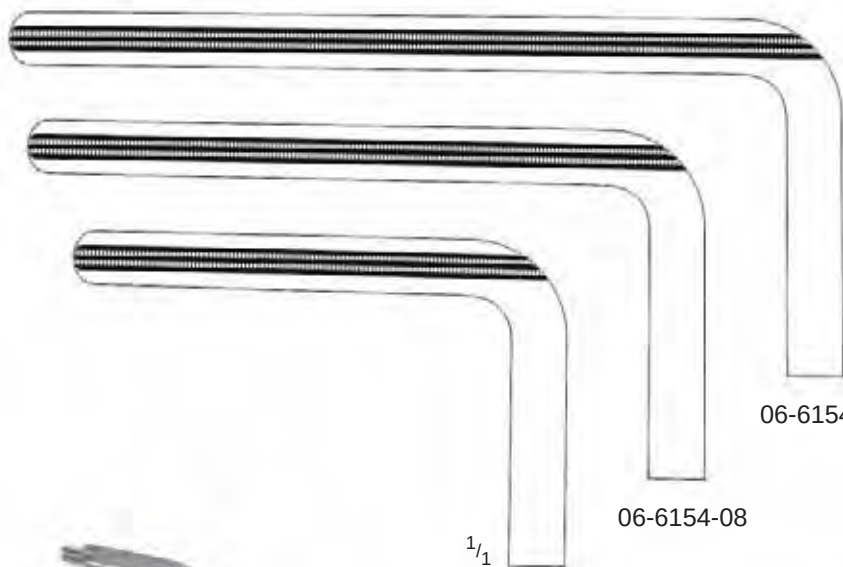
Univer®

06



Wertheim Atrauma

24 cm/9½"



06-6154-10

06-6154-08

1/1

06-6154-06



23 cm/9"



06-6158-80

80 mm

06-6158-60

60 mm

پنس صفاقي

Peritoneumklemmen

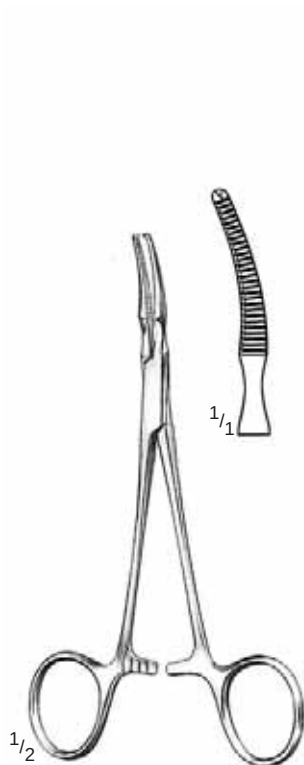
Peritoneal Clamp Forceps

Pinzas-clamps para peritoneo

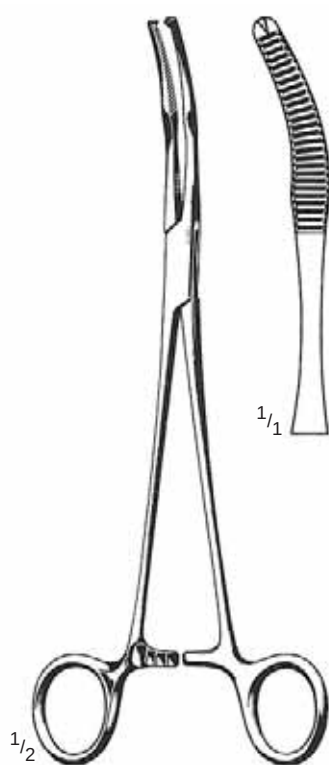
Pincers-clamps pour le péritoine

1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

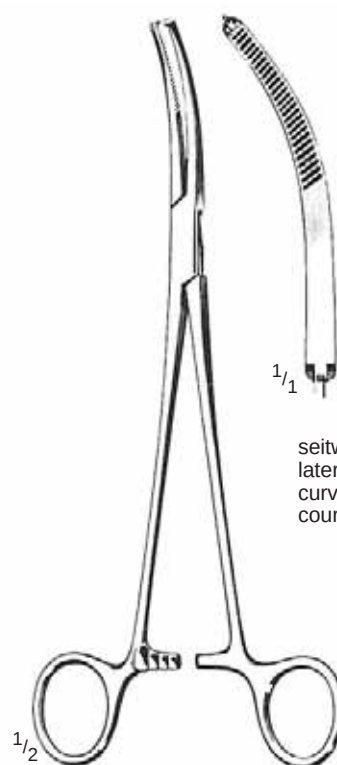
gebogen
curved
curvas
courbes



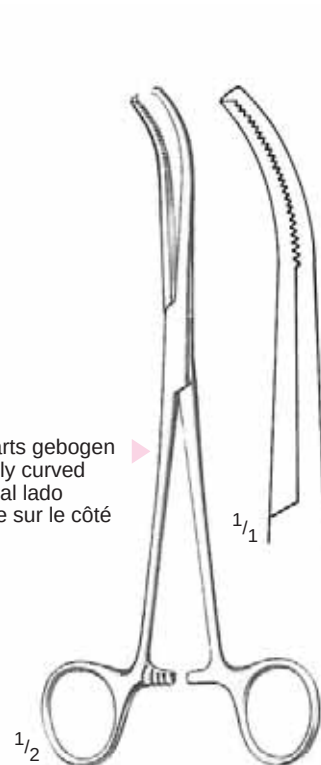
Baby-Mikulicz
14 cm/5½"
06-6201-14



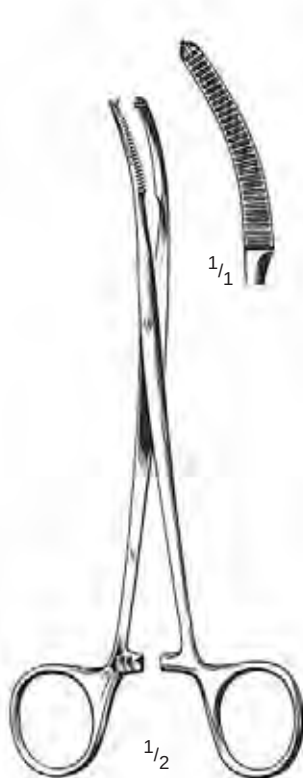
Miculicz
20 cm/8"
06-6201-20



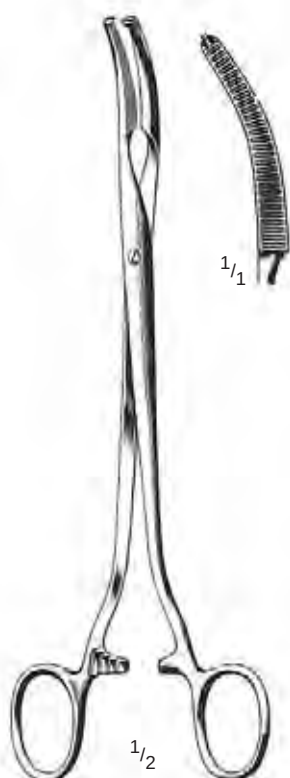
Miculicz
20 cm/8"
06-6207-20



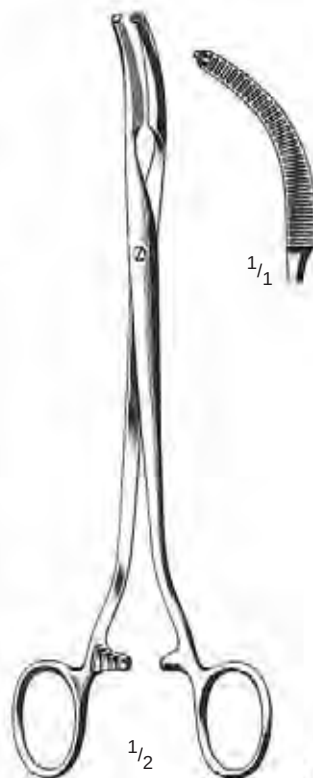
Miculicz
18,5 cm/7¼"
06-6209-18



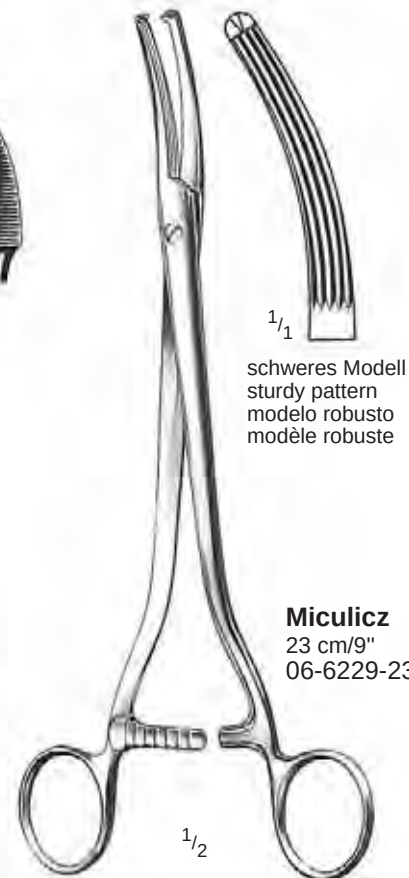
Miculicz
18 cm/7"
06-6221-18



Miculicz
20 cm/8"
06-6223-20



Miculicz
20 cm/8"
06-6225-20



Miculicz
23 cm/9"
06-6229-23

پنس صفاقي

Peritoneumklemmen

Peritoneal Clamp Forceps

Pinzas-clamps para peritoneo

Pinces-clamps pour le péritoine

پنس هيستركتومي

Hysterektomieklemmen

Hysterectomy Forceps

Pinzas-clamps para histerectomía

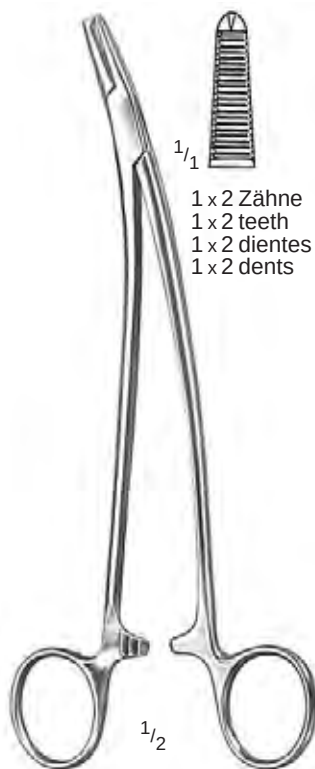
Pinces à hystérectomie



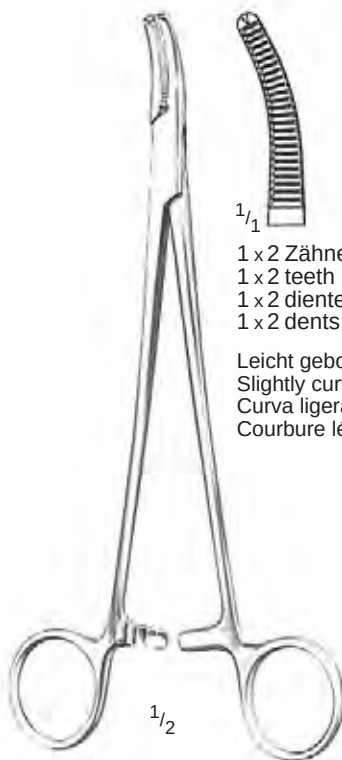
06

Peritoneumklemmen
Peritoneal Clamp Forceps

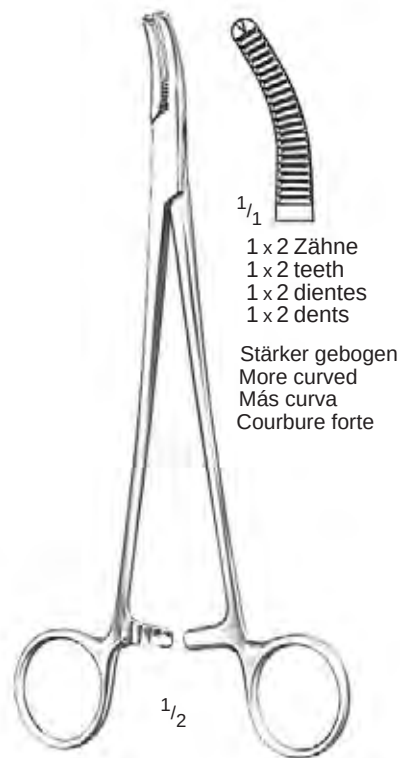
Pinzas-clamps para peritoneo
Pinces-clamps pour le péritoine



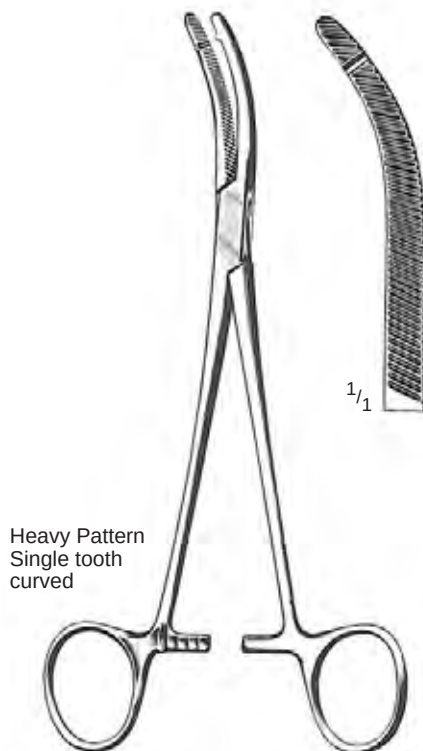
Schindler
19 cm/7½"
06-6241-19



Faure
20 cm/8"
06-6243-20



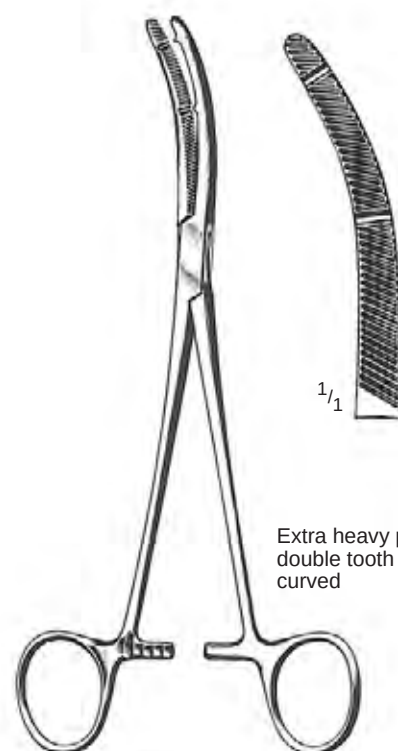
Faure
20 cm/8"
06-6245-20



Heavy Pattern
Single tooth
curved

Hysterektomieklemmen
Hysterectomy Forceps
Pinzas-clamps para histerectomía
Pinces à hystérectomie

Heaney	cm	inch.	Heaney
06-6321-19	19	7½	06-6323-19
06-6321-21	21	8¼	06-6323-21
06-6321-23	23	9	06-6323-23
06-6321-25	25	10	06-6323-25



Extra heavy pattern
double tooth
curved

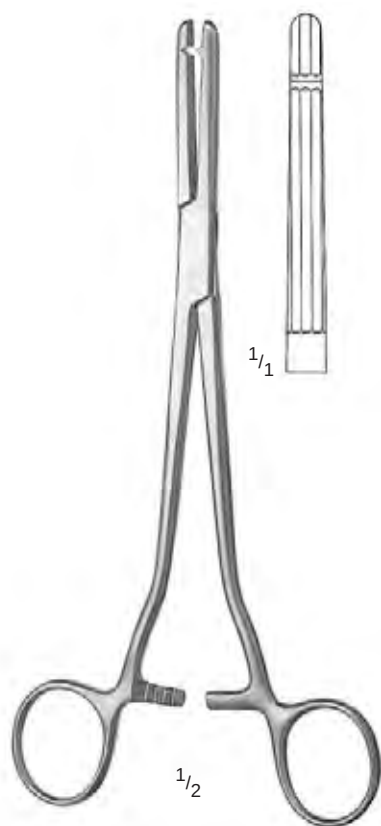
پنس هیستریکتومی

Hysterektomieklemmen

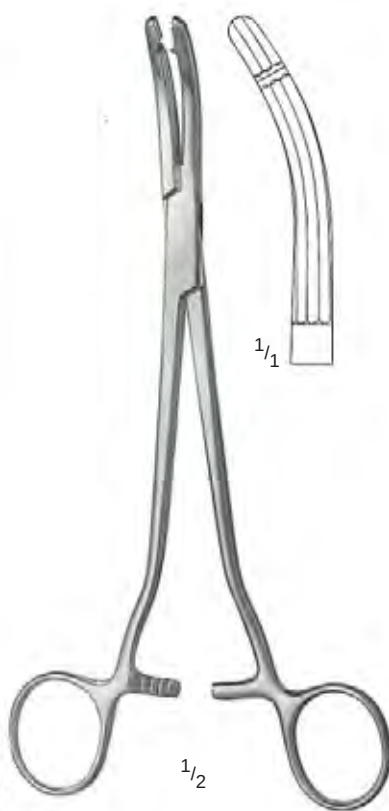
Hysterectomy Forceps

Pinzas-clamps para histerectomía

Pincers à hystérectomie



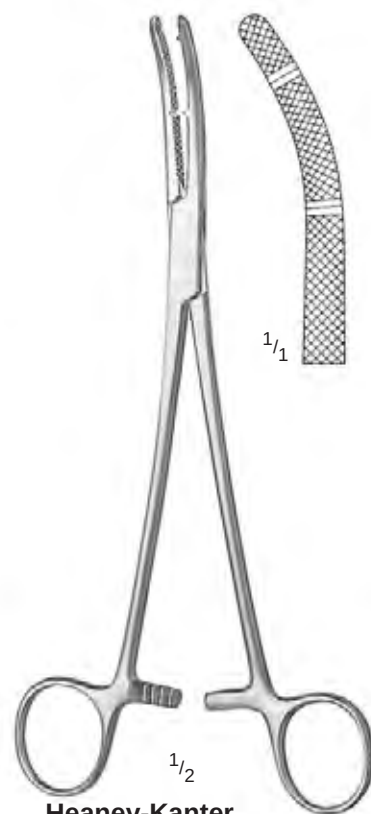
Ballentine
21,5 cm/8½"
06-6330-21



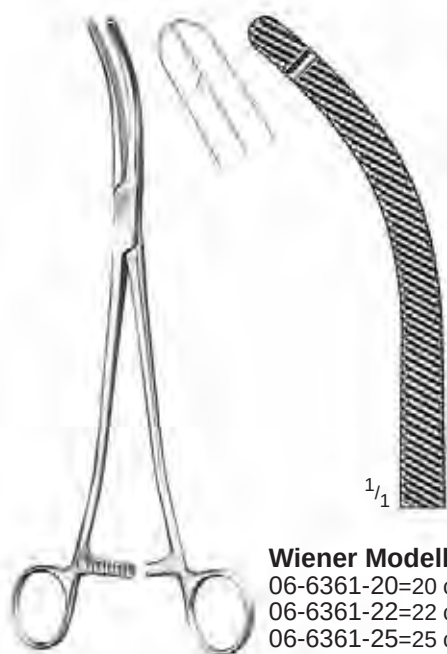
Heaney-Ballentine
21,5 cm/8½"
06-6331-21



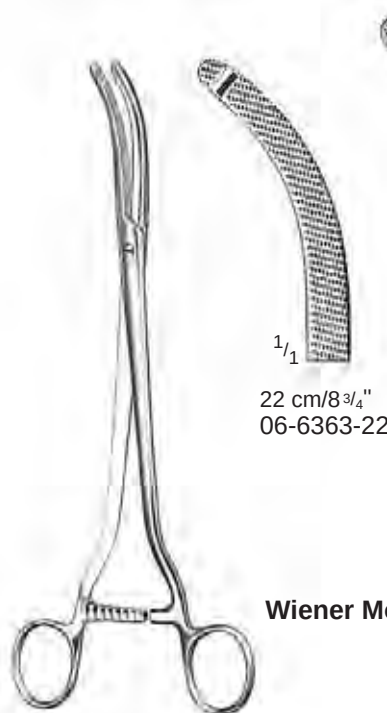
Heaney-Rezek
21,5 cm/8½"
06-6338-21



Heaney-Kanter
21,5 cm/8½"
06-6341-21



Wiener Modell
06-6361-20=20 cm/8"
06-6361-22=22 cm/8¾"
06-6361-25=25 cm/10"



Wiener Modell (Walzl)

22 cm/8¾"
06-6363-22

25 cm/10"
06-6363-25

پنس پلیپ رحم و تخمدان

Uterus-Polypenzangen, Ovarienzangen

Uterine Polypus Forceps, Ovarian Forceps

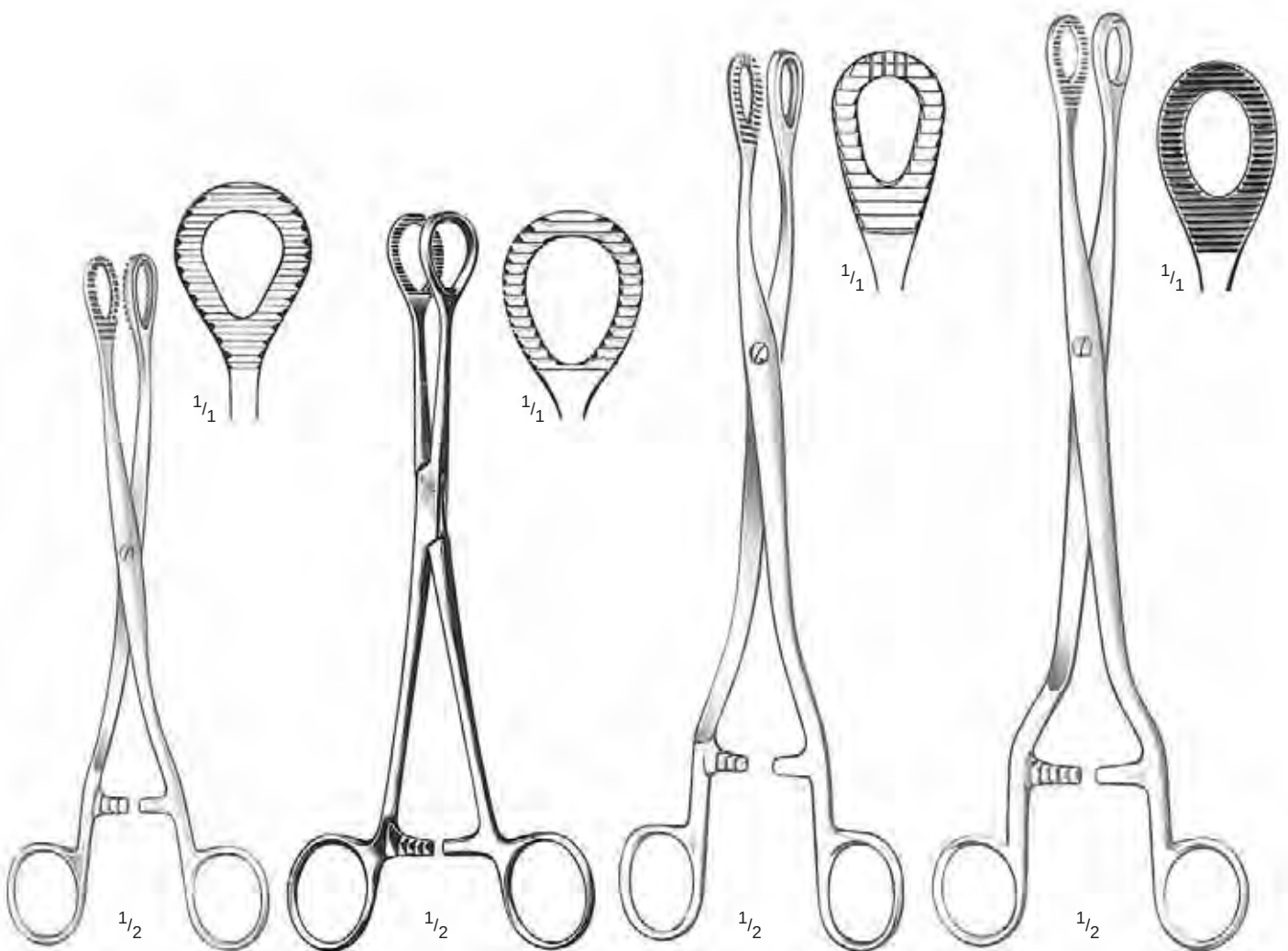
Pinzas para pólipos uterinos, pinzas para ovarios

Pinces à polypes utérins, pinces pour les ovaires



06

Uterus-Polypenzangen, Ovarienzangen
Uterine Polypus Forceps, Ovarian Forceps
Pinzas para pólipos uterinos, pinzas para ovarios
Pinces à polypes utérins, pinces pour Les ovaires



Heywood-Smith

20 cm/8"
06-6410-20

Heywood-Smith

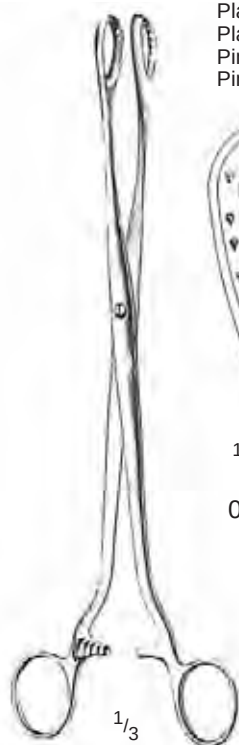
21 cm/8³/₄"
06-6412-21

Heywood-Smith

25 cm/10"
06-6414-25

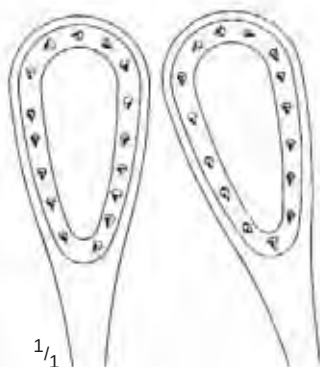
Noto

27 cm/10¹/₂"
06-6420-27



Saenger
27 cm/10½"

Plazentar- und Abortuszangen
Placenta and Ovum Forceps
Pinzas para aborto y placenta
Pincas à faux germes et placenta.



06-6530-27 06-6531-27



Winter
28 cm/11"

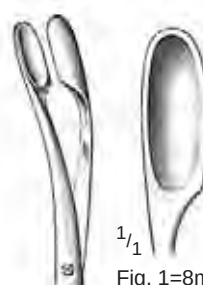


Fig. 1=8mm

gerade
straight
recta
droites



Fig. 2=10mm

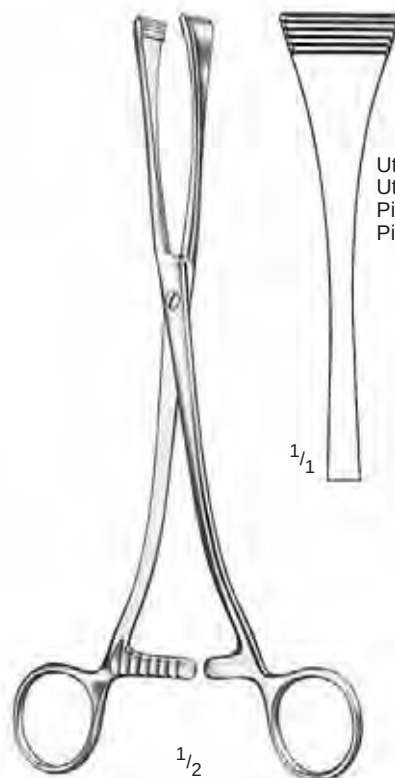
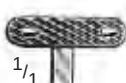
aufgebogen
curved on flat
curva sobre el plano
courbes sur le plat

06-6540-08	1	06-6541-08
06-6540-10	2	06-6541-10



De Martel (Willett)
18 cm/7"
06-4501-18

Kopfschwartenzange
Scalp Flap Forceps
Pinza para pericráneo
Pince pour le cuir chevelu



Green-Armytage
21 cm/8¼"
06-6750-21

Uterusklemmzange
Uterine Haemostasis Forceps
Pinza-clamp uterina
Pince-clamp utérine

پنس تناكلوم (پنس كل)

Hakenzangen

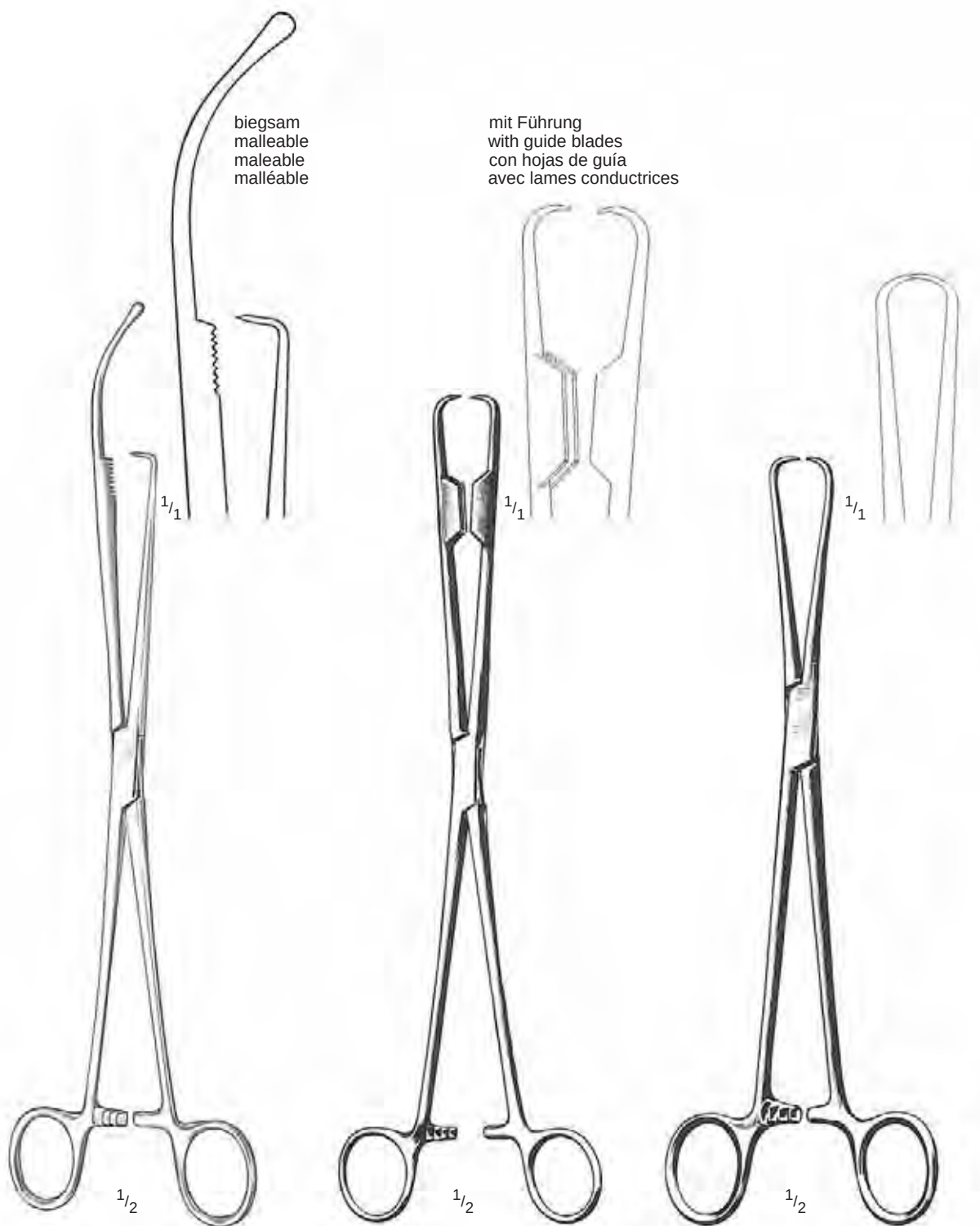
Tenaculum Forceps

Pinzas para coger el cuello del útero

Pinces pour abaissement du col de l'utérus



06



Hulka

30 cm/12"

06-7001-30

Abel

27 cm/10 $\frac{1}{2}$ "

06-7010-27

Schroeder

25 cm/10"

Sharp 06-7016-25

Blunt 06-7116-25



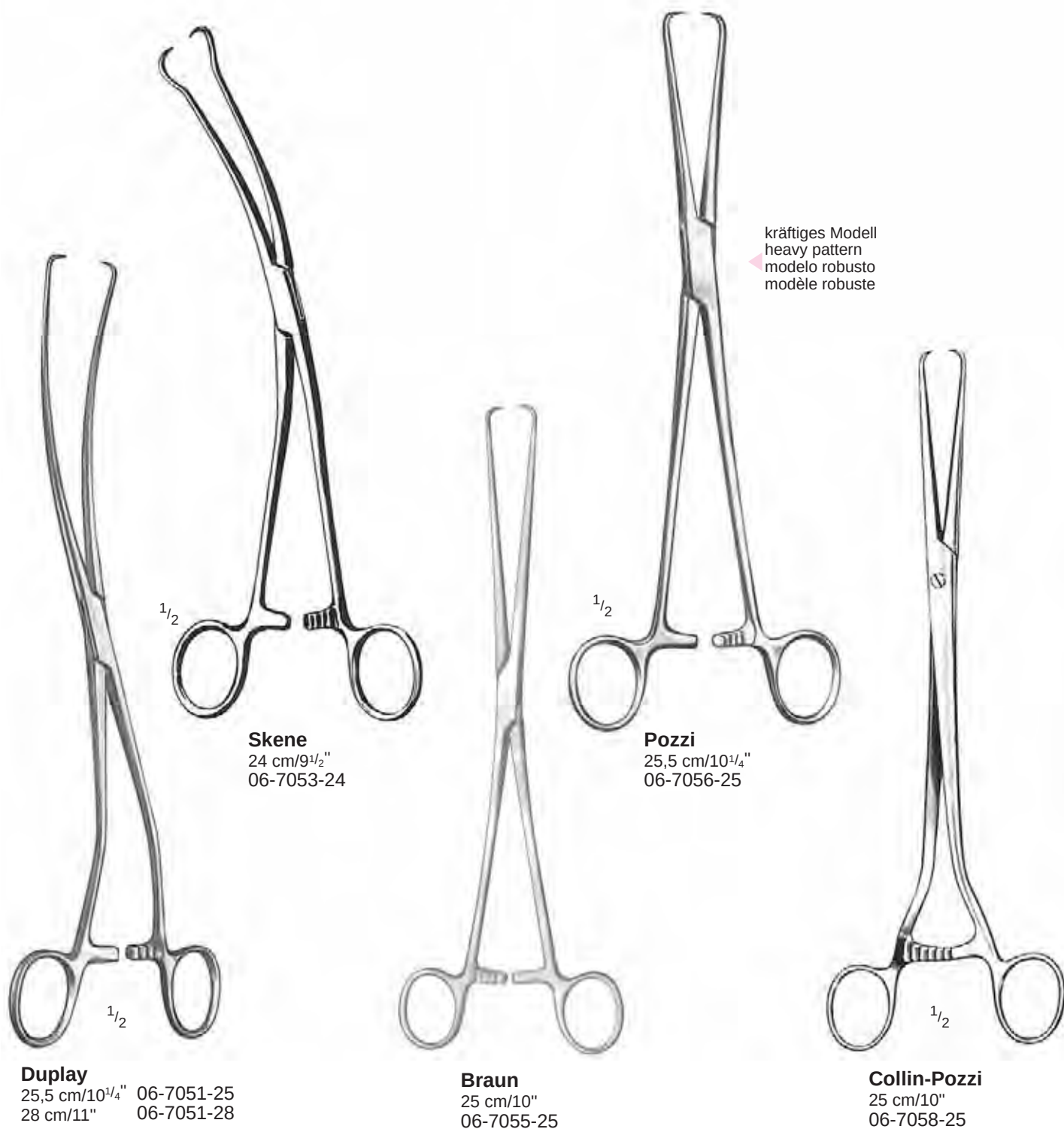
پنس تناکلوم (پنس کل)

Hakenzangen

Tenaculum Forceps

Pinzas para coger el cuello del útero

Pinces pour abaissement du col de l'utérus



پنس تناكلوم (پنس كل)

Hakenzangen

Tenaculum Forceps

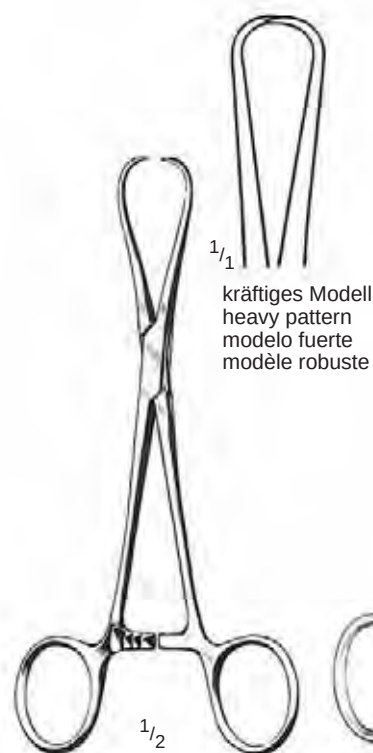
Pinzas para coger el cuello del útero

Pinces pour abaissement du col de l' utérus



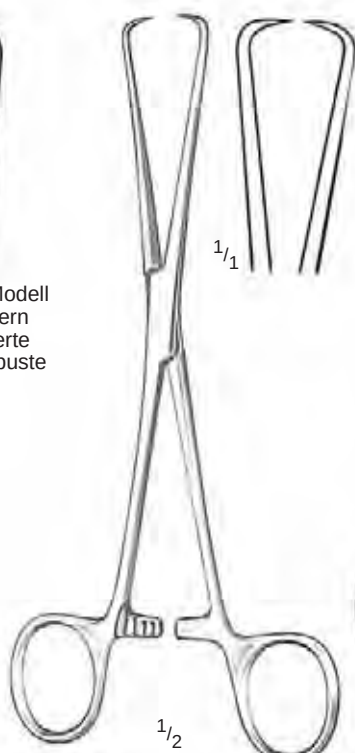
06

Auch Tuchklemme
Also Towel Forceps
También pinza para compresas, pinza de campo
Aussi pince à compresses (pince à champs)



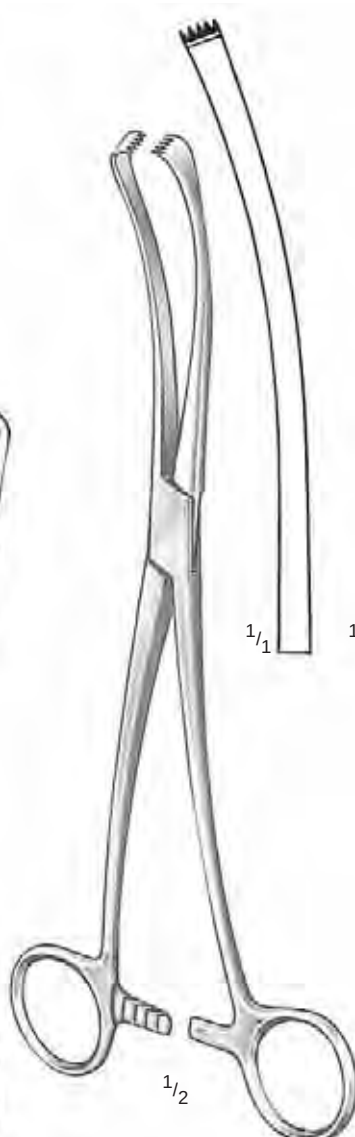
Staude-Moore (Bernhard)

17 cm/6³/₄"
06-7082-17



Barrett

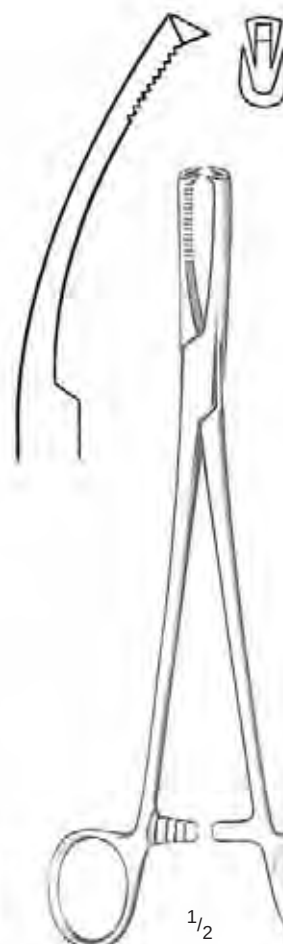
18 cm/7"
06-7084-18



Lowa

26 cm/10¹/₄"
06-7107-26

seitwärts gebogen
curved sideways
curva lateral
courbe sur le champ
06-7131-21



Jacobs

21 cm/8¹/₄"
06-7130-21

gerade
straight
rectas
droits

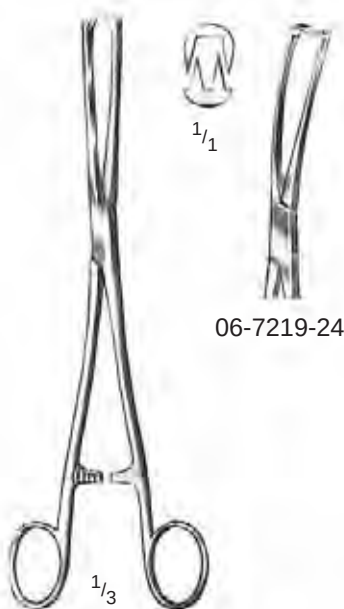
پنس تناکلوم (پنس کل)

Hakenzangen

Tenaculum Forceps

Pinzas para coger el cuello del útero

Pincers pour abaissement du col de l'utérus



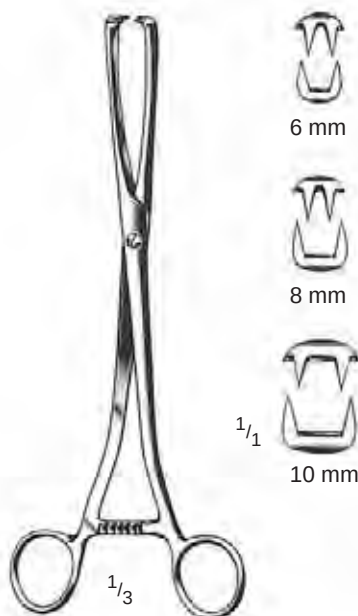
06-7219-24

Museux

18 cm/7" 06-7218-18

20 cm/8" 06-7218-20

25 cm/10" 06-7218-25

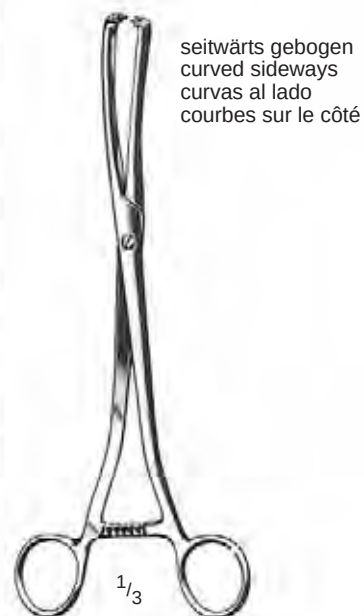
**Museux**

24 cm/9 1/2"

06-7224-06= 6 mm

06-7224-08= 8 mm

06-7224-10= 10 mm

**Museux**

24 cm/9 1/2"

06-7225-06 = 6 mm

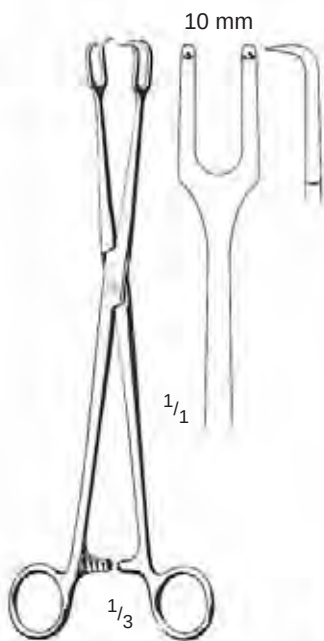
06-7225-08 = 8 mm

06-7225-10 = 10 mm

seitwärts gebogen
curved sideways
curvas al lado
courbes sur le côté**Teale**

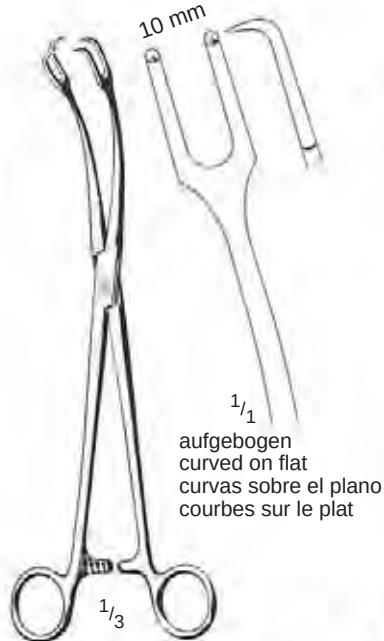
23 cm/9"

06-7243-23

**Schroeder**

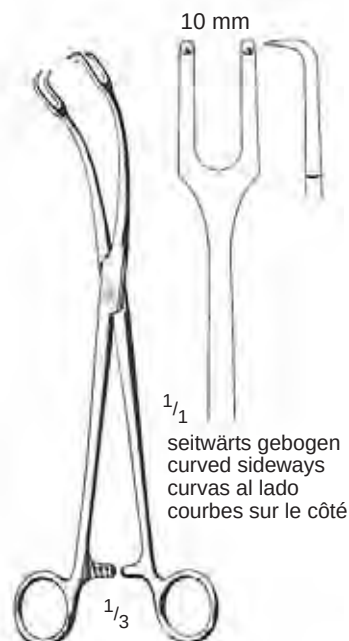
24 cm/9 1/2"

06-7400-24

**Schroeder**

24 cm/9 1/2"

06-7401-24

aufgebogen
curved on flat
curvas sobre el plano
courbes sur le plat**Schroeder**

25 cm/10"

06-7403-24

seitwärts gebogen
curved sideways
curvas al lado
courbes sur le côté

پنس تناکلوم (پنس کل)

Hakenzangen

Tenaculum Forceps

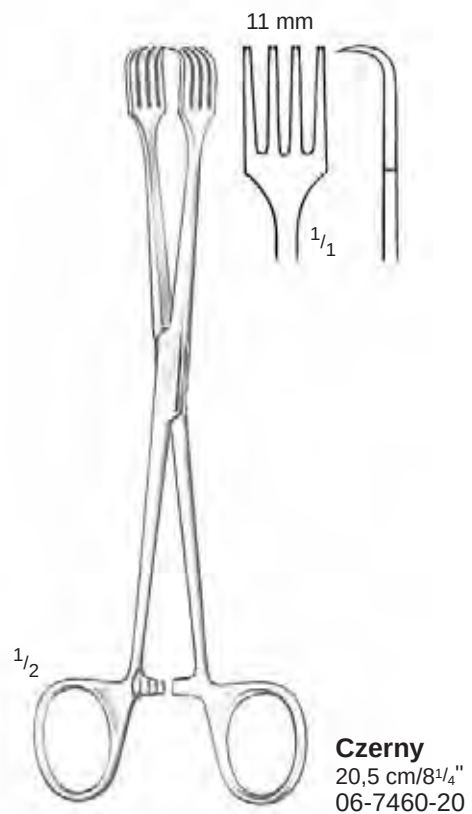
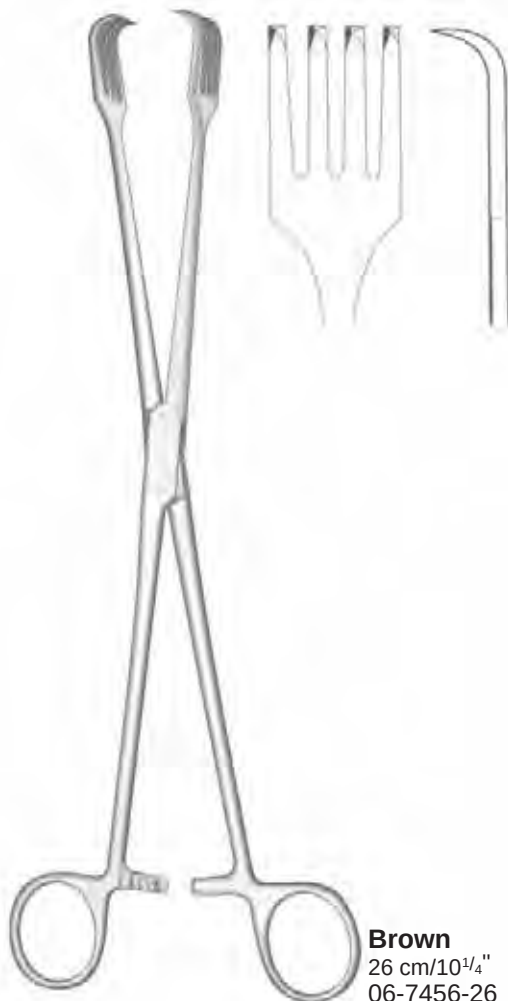
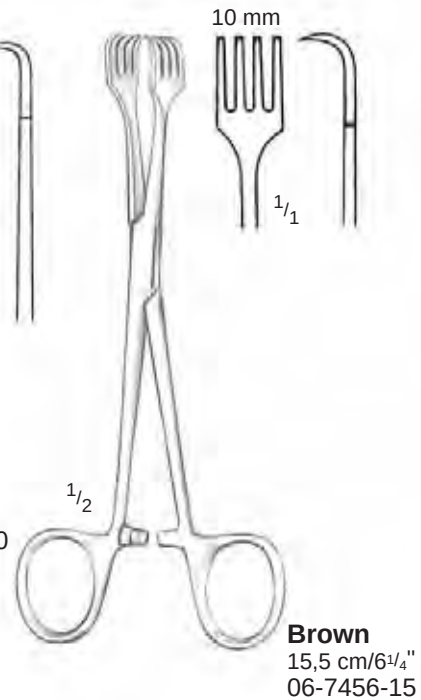
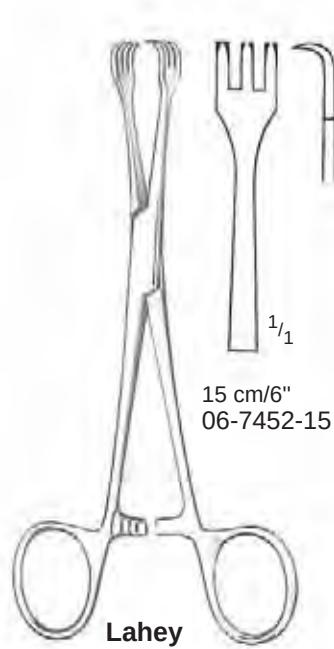
Pinzas para coger el cuello del útero

Pinces pour abaissement du col de l'utérus



06

Auch Kropffaßzangen
Also Goitre Seizing Forceps
También pinzas para el bocio
Aussi pincers à goitre





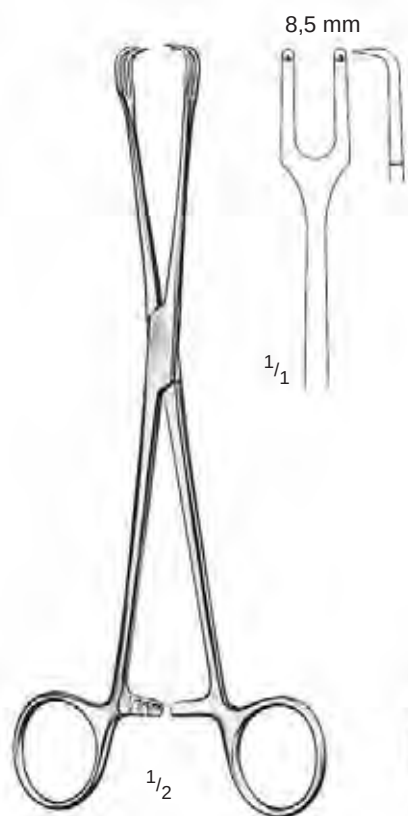
پنس تناکلوم (پنس کل)

Hakenzangen

Tenaculum Forceps

Pinzas para coger el cuello del útero

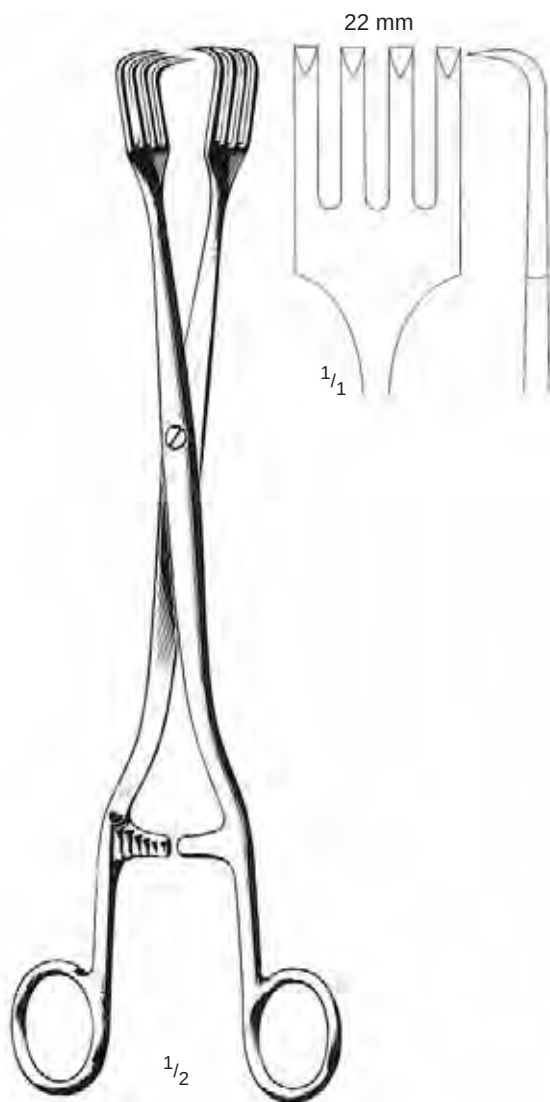
Pinces pour abaissement du col de l'utérus



Museux
20 cm/8"
06-7464-20



Museux
20 cm/8"
06-7465-20



Pratt
28 cm/11"
06-7648-28

پنس زبانیگیر

Zungenzange

Tongue Holding Forceps

Pinza tira - lengua

Pince tire - langue

پنس ژلفوم

Gelfoam-Quetschzange

Gelfoam Pressure Forceps

Pinza de compresión para Gelfoam

Pince à compression pour Gelfoam

پنس لوزه

Tonsillenklemmen

Tonsil Clamps

Pinzas para coger las amígdalas

Pincers amygdaliennes



06

Zungenzange
Tongue Forceps
Pince tire-langue
Pinza tira-lengua



Young
17 cm/6 3/4"
06-8025-17

06-8025-92

- 1 para Ersatzgummi für 06-8025-17
- 1 pair of rubber pads for 06-8025-17
- 1 parde bocas de goma suelta para 06-8025-17
- 1 paire de mors caoutchouc pour 06-8025-17



16 cm/6 1/4"
06-8050-16

Gelfoam-Quetschzange nach House

Die Quetschzange hält das Gelfoam-Material unter Druck bis zum Zeitpunkt des Einsetzens und vermeidet dadurch dessen Aufquellen durch die Luftfeuchtigkeit.

House Gelfoam Pressure Forceps

Holds Gelfoam material under compression until insertion, preventing it from swelling due to moisture in the air.

Pinza de compresión de House, para comprimir Gelfoam

La pinza retiene la materia bajo presión hasta el momento de la introducción, para evitar el hinchamiento bajo la influencia de la humedad del aire.

Pince à compression de House, pour Gelfoam

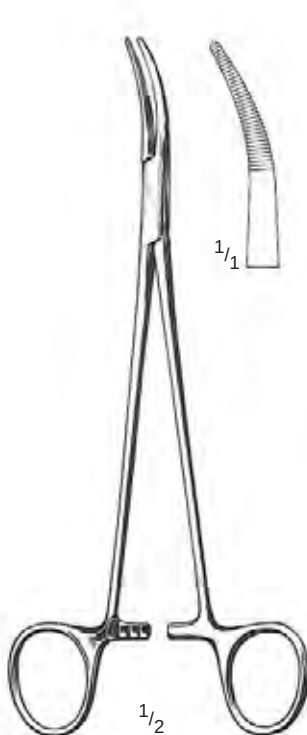
La pince retient le matériau sous pression jusqu'au moment de l'introduction, pour éviter un gonflement sous l'influence de l'humidité atmosphérique.



22 cm/8 3/4"
06-8050-22

House

Tonsillenklemmen Tonsil Clamps Pinzas para coger las amígdalas Pincers amygdaliennes

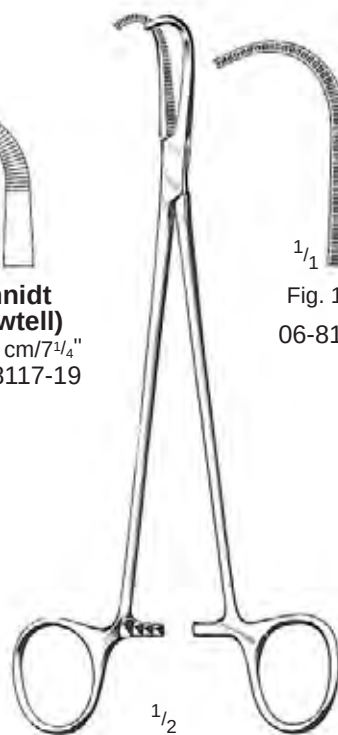


Schnidt
19 cm/7 1/2"
06-8051-19



Schnidt (Boettcher)
19 cm/7 1/2"
06-8115-19

Schnidt (Sawtell)
18,5 cm/7 1/4"
06-8117-19



Negus
19 cm/7 1/2"

Fig. 1
06-8129-01



2
06-8129-02

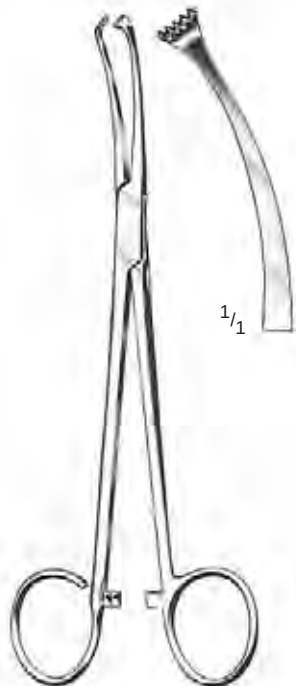
پنس لوزه

Tonsillenfaßzangen

Tonsil Seizing Forceps

Pinzas para coger las amígdalas

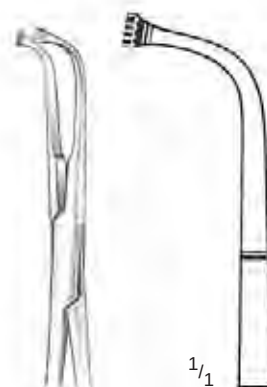
Pincers pour saisir les amygdales

**White**

18 cm/7" 06-8225-18
 20 cm/8" 06-8225-20
 23 cm/9" 06-8225-23

**Allis-Coakley**

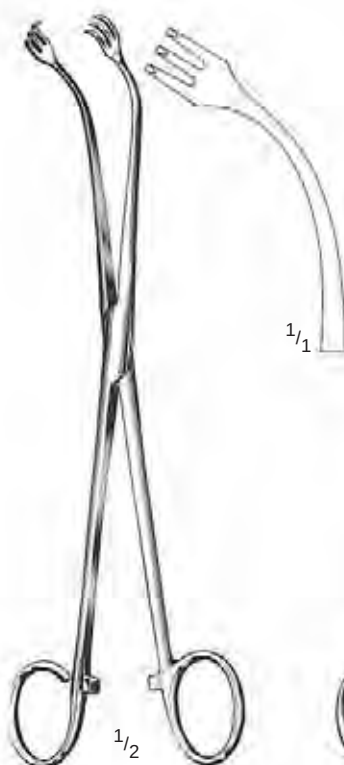
19 cm/7½" 06-8229-19

**Allis-Coakley**

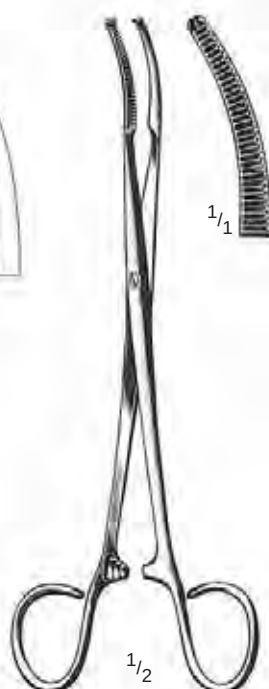
18,5 cm/7¼" 06-8229-18

**Allis**

20 cm/8" 06-8231-20

**Ballenger**

21,5 cm/8½" 06-8241-21

**Mikulicz**

18 cm/7" 06-8245-18

**Blohmke**

20 cm/8" 06-8257-20

پنس شانگیر

Tuchklemmen

Towel Forceps

Pinzas para compresas, pinzas de campo

pincès à compresses, pincès à champs



06



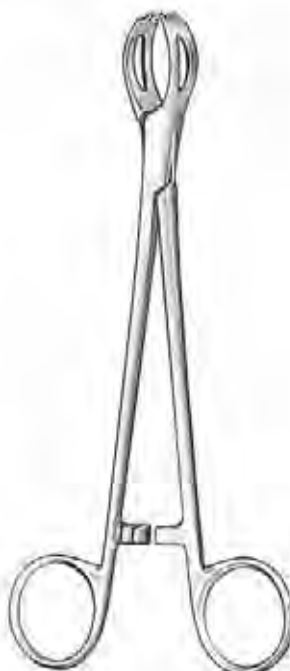
Jones
9 cm/3 1/2"
06-9013-09



Schaedel
9 cm/3 1/2"
06-9021-09



Doyen
18 cm/7"
06-9043-18



Lane
cm inch.
15 6 06-9050-15
20 8 06-9050-20

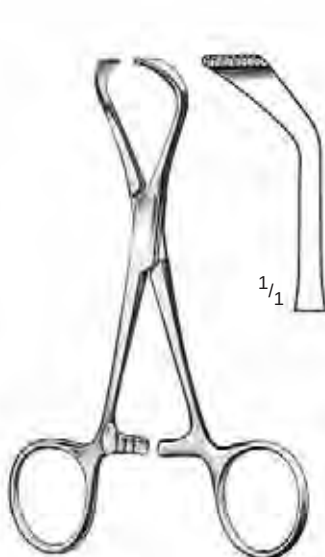


Backhaus
cm inch.
8 3 1/4 06-9065-08
9 3 1/2 06-9065-09
11 4 1/2 06-9065-11
13 5 06-9065-13
15 6 06-9065-15

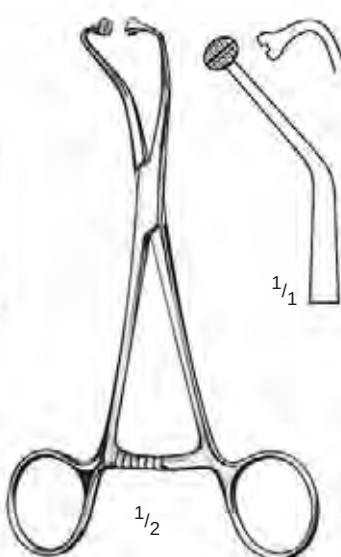
für Papiertücher · for paper tissues · para servilletas de papel · pour serviettes en papier



Röder



Lorna



Peers

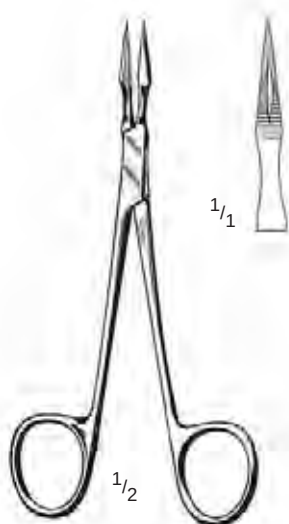


Univer

cm	inch.			
10	4		06-9111-10	06-9145-10
13	5	06-9067-13	06-9111-13	06-9145-13
14,5	5 3/4		06-9121-14	
15	6	06-9067-15		

پنس در آوردن تراشه خارجی

Splitterzangen
Splinter Forceps
Pinzas para espinas
Pinces à échardes



Arthur
14 cm/5 1/2"
06-9200-14

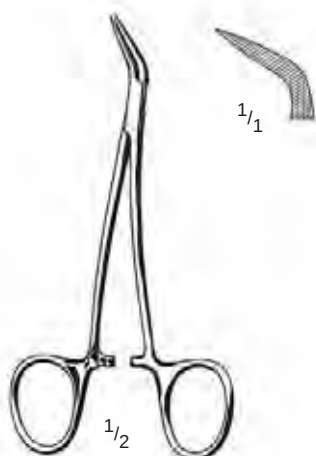


Stieglitz (Williams)
14 cm/5 1/2"

06-9202-14



06-9202-24



Peet
11,5 cm/4 1/2"
06-9205-11



Ralks (Virtus)
15 cm/6"

06-9206-15



06-9206-25

انواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

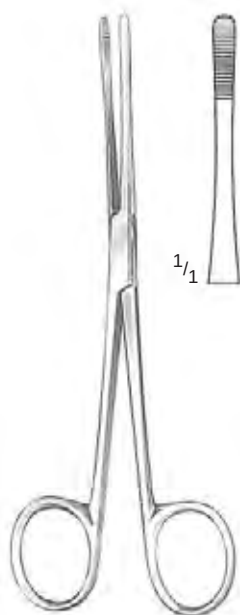
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

Pinces à polypes et à pansements, pincers à tampons, pincers à corps étrangers



06



cm	inch.	
13	5	06-9306-13
15	6	06-9306-15
18	7	06-9306-18

Lister

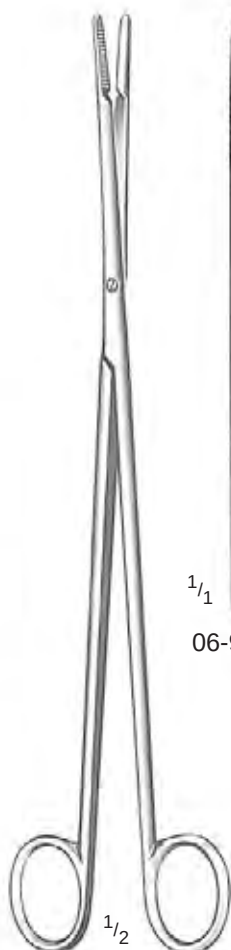
Auch Gallensteinzangen
Also GallStone Forceps
También pinzas para calculos biliares
Aussi pincers pour calculs biliaires



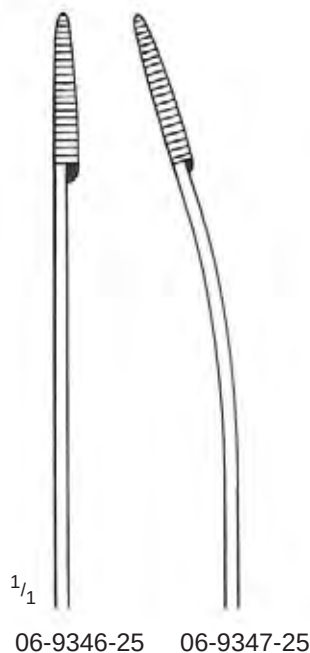
Walton
17 cm/8 3/4"
06-9320-17



06-9321-17

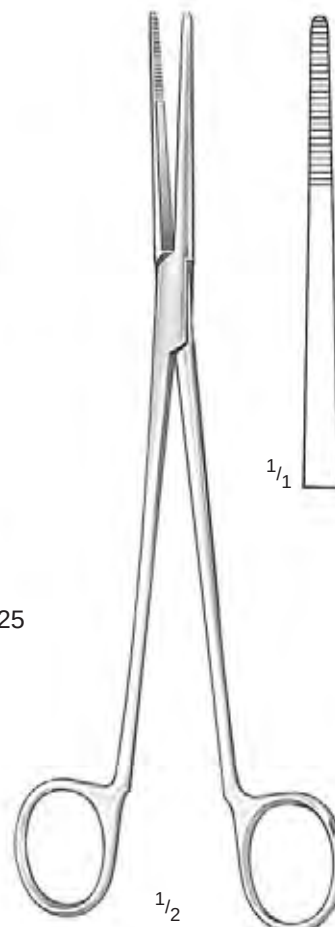


Pelkmann
25 cm/10"



06-9346-25

06-9347-25



Westermarck
23,5 cm/9 1/4"
06-9350-23

انواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

Pinces à polypes et à pansements, pincers à tampons, pincers à corps étrangers



Gross
20cm/8"



gerade
straight
rectas
droits

06-9370-20



gebogen
curved
curvas
courbes

06-9371-20



Gross
20cm/8"



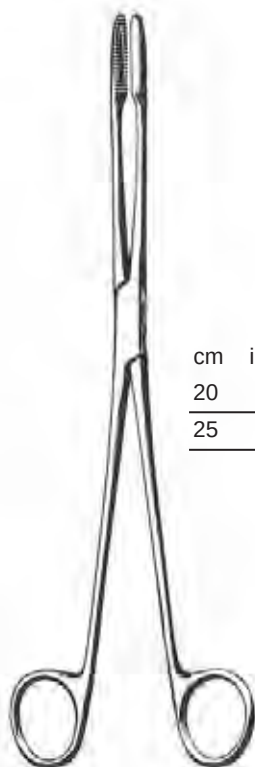
gerade
straight
rectas
droits

06-9372-20



gebogen
curved
curvas
courbes

06-9373-20



Gross-Maier



gerade
straight
rectas
droits

cm inch.

20 8

25 10

06-9380-20

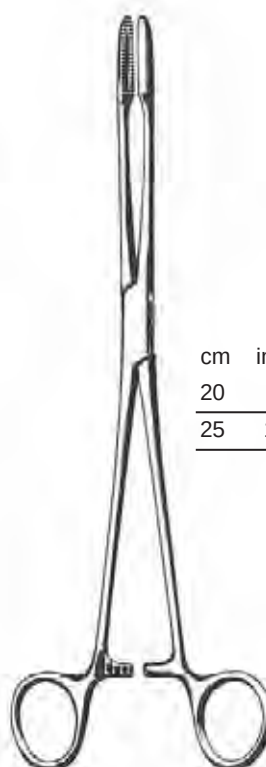
06-9381-20

06-9380-25

06-9381-25



gebogen
curved
curvas
courbes



Gross-Maier



gerade
straight
rectas
droits

cm inch.

20 8

25 10

06-9382-20

06-9383-20

06-9382-25

06-9383-25



gebogen
curved
curvas
courbes

انواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

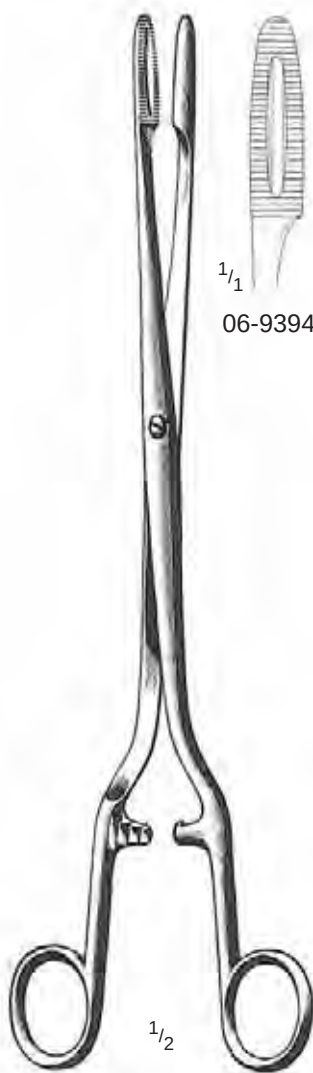
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

Pinces à polypes et à pansements, pincers à tampons, pincers à corps étrangers



06



1/1

06-9394-28

06-9395-28

Sims-Maier
28 cm/11"



1/1

06-9500-25

06-9501-25

Collin
25 cm/10"



1/1

Cheron
25 cm/10"
06-9503-25

انواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

Pinces à polypes et à pansements, pincers à tampons, pincers à corps étrangers



Ulrich

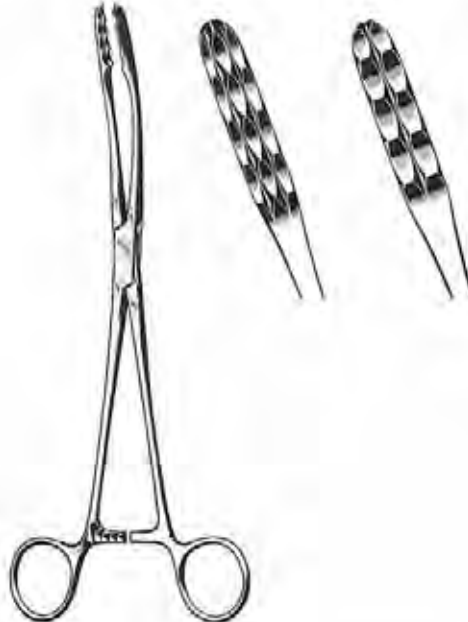
06-9510-18 = 18 cm/7"

06-9510-20 = 20 cm/8"

06-9510-23 = 22,5 cm/8³/₄"

06-9510-25 = 25 cm/10"

06-9510-27 = 27 cm/10³/₄"



Ulrich

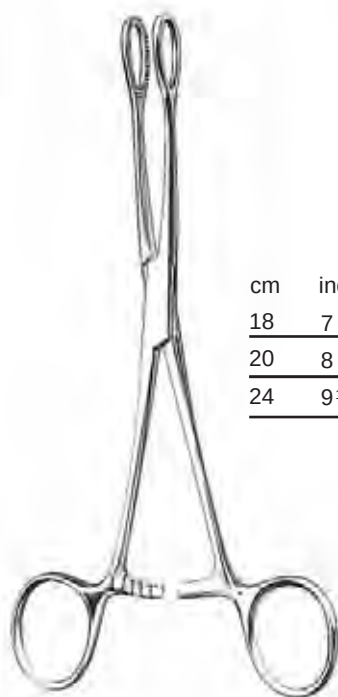
06-9511-18 = 18 cm/7"

06-9511-20 = 20 cm/8"

06-9511-23 = 22,5 cm/8³/₄"

06-9511-25 = 25 cm/10"

06-9511-27 = 27 cm/10³/₄"



Foerster (Ballenger)



cm	inch.				
18	7	06-9520-18	06-9521-18	06-9522-18	06-9523-18
20	8	06-9520-20	06-9521-20	06-9522-20	06-9523-20
24	9 ¹ / ₂	06-9520-24	06-9521-24	06-9522-24	06-9523-24

glattes Maul
smooth jaws
bocas lisas
à mors lisses

gerieftes Maul
serrated jaws
bocas estriadas
à mors striés

Uterus - polydenzangen, Ovarienzangen
 Uterine Polypus Forceps, Ovarian Forceps
 Pinzas para póliposuerpos, Pinzas para Ovarios
 Pincés à polypes utérins, pincés pourles Ovaires

Tupferzangen
 Cotton Swab Forceps
 Pinzas para Tapones
 Pincés à Tampons



06



Bonney
 24 cm/9½"
 06-9541-24



Foerster - Delikat



18 cm/7"
 06-9542-18
 25 cm/10"
 06-9542-25



18 cm/7"
 06-9543-18
 25 cm/10"
 06-9543-25



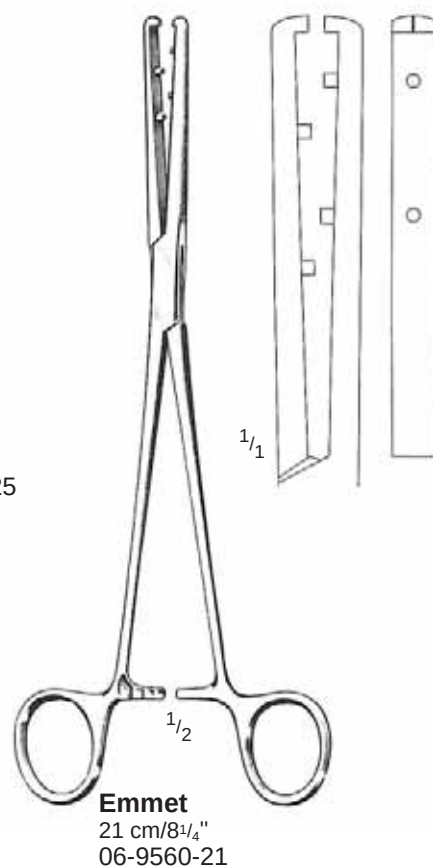
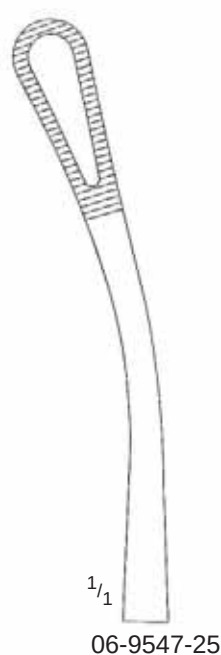
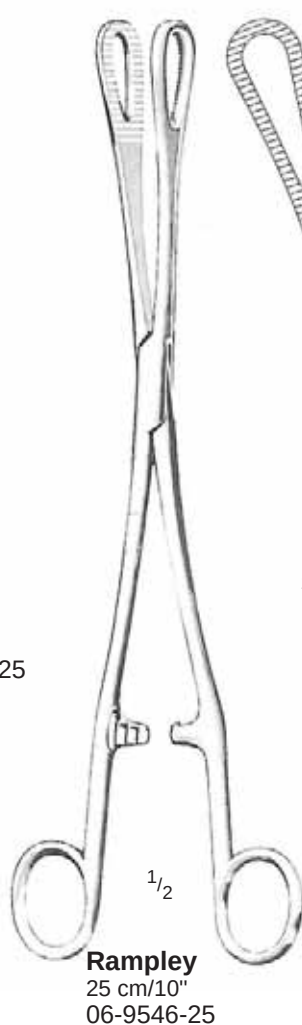
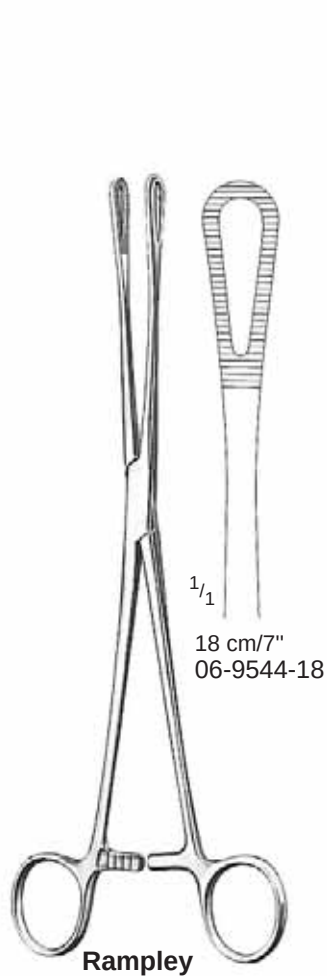
انواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

Pinces à polypes et à pansements, pincers à tampons, pincers à corps étrangers



انواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

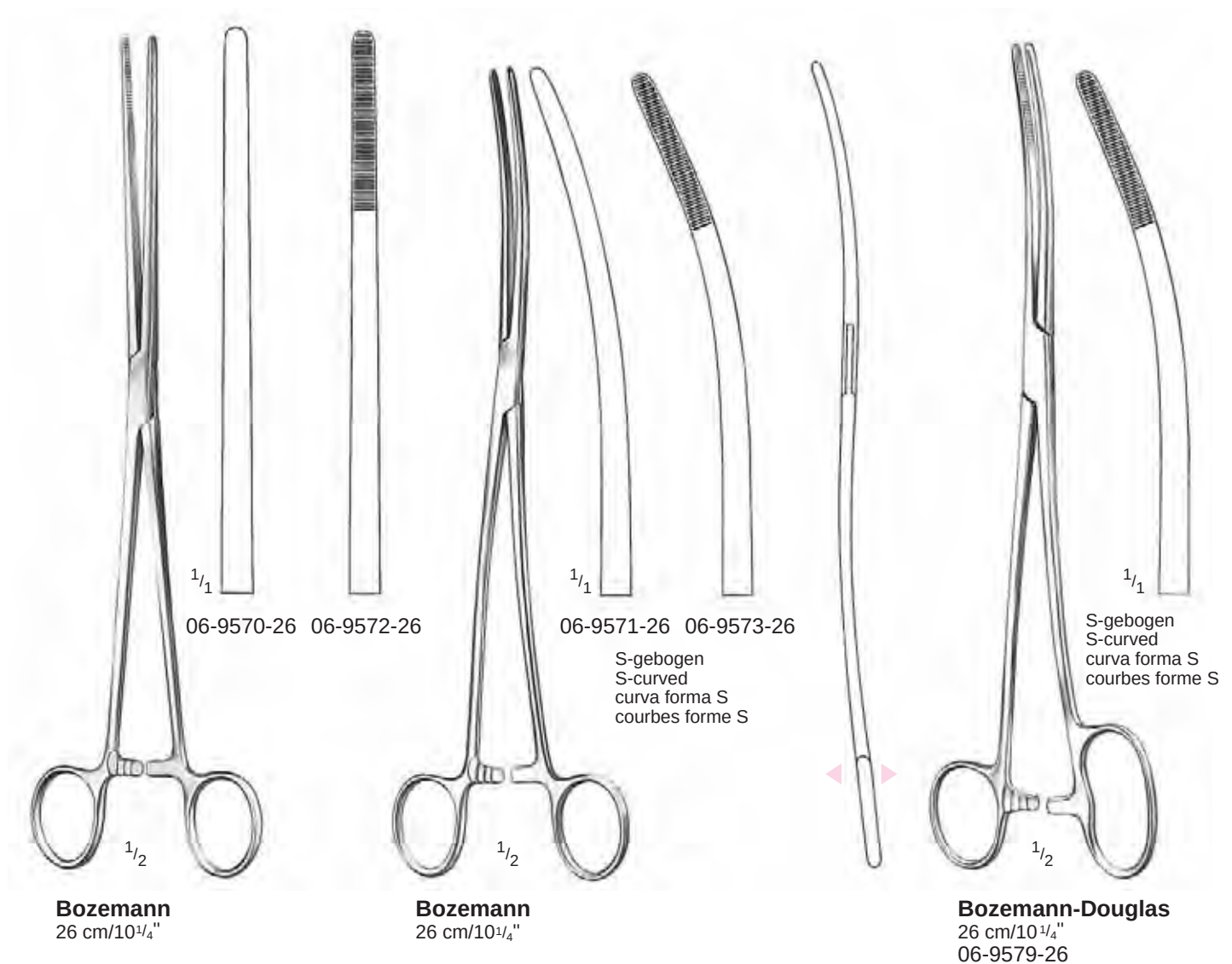
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

Pinces à polypes et à pansements, pincers à tampons, pincers à corps étrangers



06

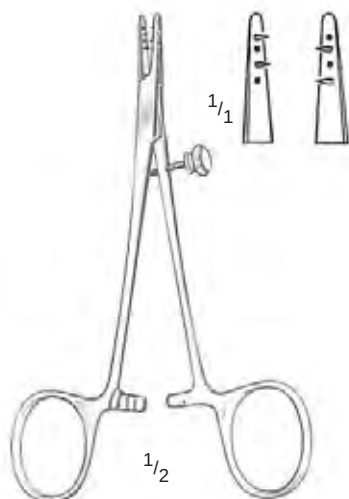


Handchirurgie - Sehnenfaßzangen

Handsurgery - Tendon Grasping Forceps

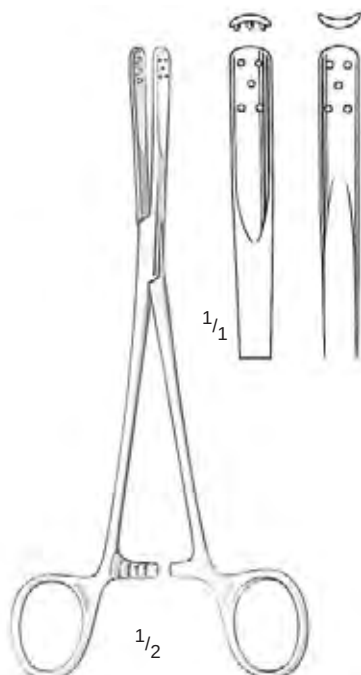
Cirugía de la mano - Pinzas para coger tendones

Chirurgie de la main - Pinces pour saisir les tendons

**Steinmann**

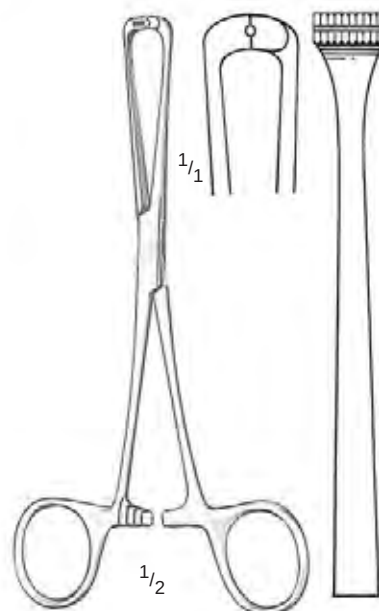
13 cm/5"

06-9650-13

**Brand**

15,5 cm/5 3/4"

06-9670-15

**Steinmann**

16 cm/6 1/4"

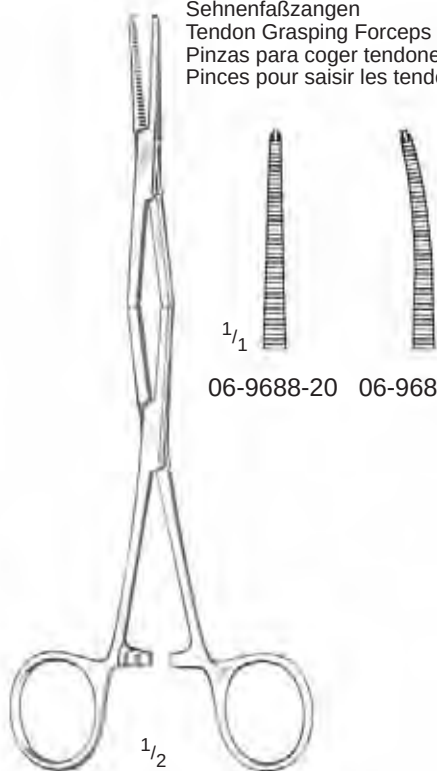
06-9680-16

Sehnenfaßzangen

Tendon Grasping Forceps

Pinzas para coger tendones

Pinces pour saisir les tendons



20,5 cm/8"

06-9688-20

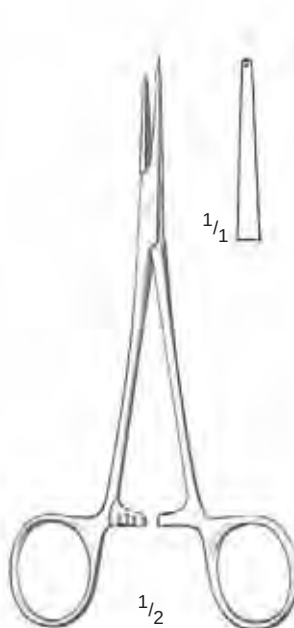
06-9689-20

Sehneneinflechtzangen

Tendon Interlacing Forceps

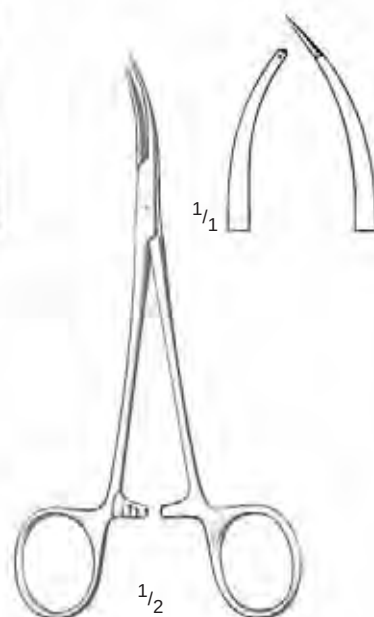
Pinzas para interlazar tendones

Pinces pour tresser tendons



15 cm/6"

06-9690-15



15 cm/6"

06-9691-15

انواع پنس (تیوبینگ کلمپ)

Verschiedene Zangen und Klemmen

Various Forceps

Varias pinzas

Pinces diverses



06

Schlauchklemmen
Tubing Clamps / Pinchcock Clamps
Pinzas para tubos
Pinces presse-tube



$\frac{1}{1}$



15,5 cm/6"
06-9900-15



19 cm/7 $\frac{1}{2}$ "
06-9900-18



20,5 cm/8"
06-9900-20



$\frac{1}{2}$

Tubing clamps with safety guard

mit Schutzbügel
with Safety guard
con estribo de protección
avec protection

$\frac{1}{1}$



15,5 cm/6"
06-9910-15



19 cm/7 $\frac{1}{2}$ "
06-9910-18



20,5 cm/8"
06-9910-20





انواع پنس (تیوبینگ کلمپ)

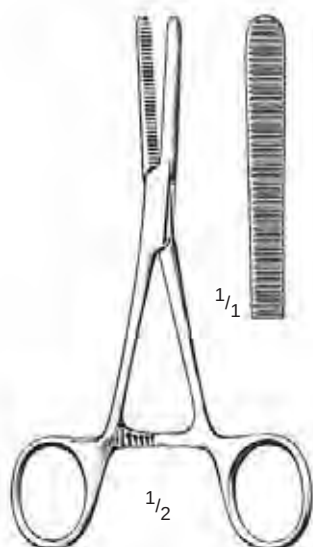
Verschiedene Zangen und Klemmen

Various Forceps

Varias pinzas

Pinces diverses

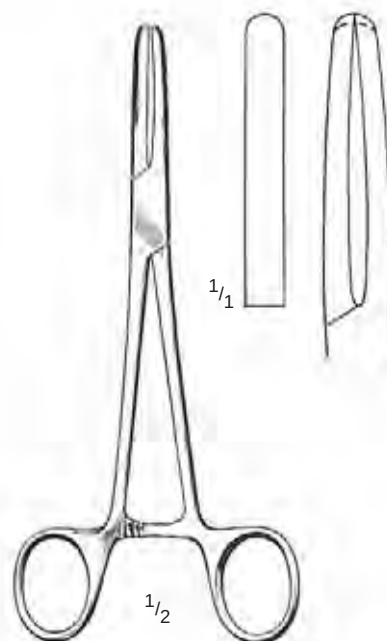
mit extra longer sperre
with extra long ratchet
con cremollera muy larga
avec crémaillère très longue



Mod. Klinikum Berlin

14,5 cm/5³/₄"

06-9906-14



Presbyterian-Hospital

16,5 cm/6¹/₂"

06-9912-16



Mohr

06-9920-40= 40mm

06-9920-50= 50mm

06-9920-60= 60mm

06-9920-70= 70mm

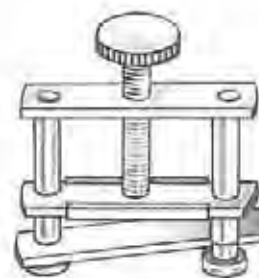
06-9920-80= 80mm



Baxter (Simplex)

12 mm

06-9928-12



Hoffmann

06-9930-20

پنس چیتل - پیکاپ

Verschiedene Zangen und Klemmen

Various Forceps

Varias pinzas

Pinces diverses



06

Sterilisierzangen

Sterilizing Forceps

Pinzas para esterilización

Pinces à stérilisation



06-9952-20= 20cm/8"

06-9952-30= 30cm/12"



Rogge

23 cm/9"

06-9954-23



Cheatle

27 cm/10 1/2"

06-9955-27



Abfallzange

Pick up Forceps

Pinza para desechos

Pince ramasse-déchets



Sauerbruch

55 cm/22"

06-9968-55

پنس مگیل

Verschiedene Zangen und Klemmen

Various Forceps

Varias pinzas

Pinces diverses

Kathetereinführungszangen
Catheter Introducing Forceps
Pinzas para introducir catéteres
Pinces pour introduire les sondes



15,5 cm/6"
06-9975-15

für Kleinstkinder
pediatric size
para pequeños niños
pour petits-enfants



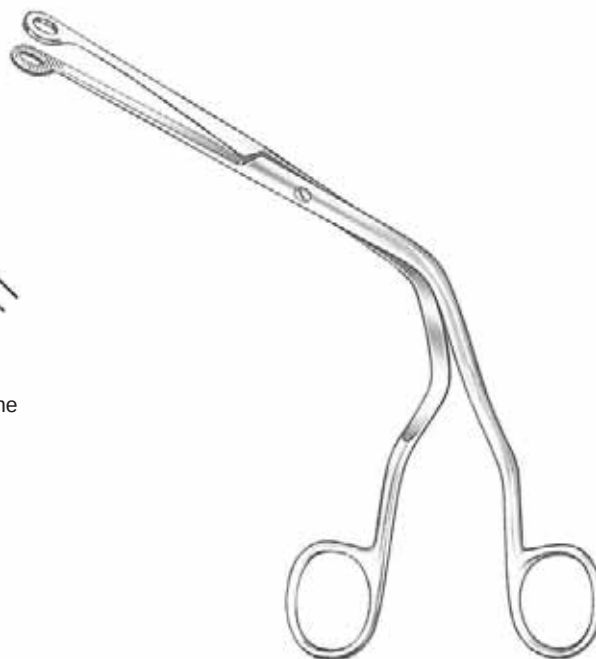
20 cm/8"
06-9975-20

für Kinder
for children
para niños
pour enfants



25,5cm/10"
06-9975-25

für Erwachsene
for adults
para adultos
pour adultes



Magill

10-A

Univer®



انواع هوک و اکارتورهای ثابت

Wundhaken und Hauthäkchen

Retractors and Hooks

Separadores y Ganchos

Ecarteus et crochets



اکارتور ظریف پوستی - هوک ظریف

Feine Wund- und Hauthäkchen

Fine Wound and Skin Retractors

Ganchitos y ganchos para piel

Crochets très fins et crochets dermatologiques



Niro
17 cm/6 ³/₄"
10-0017-01



Niro
17 cm/6 ³/₄"
10-0017-02



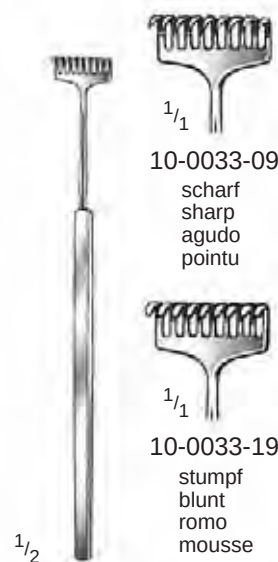
Niro
17 cm/6 ³/₄"
10-0017-03



Niro
17 cm/6 ³/₄"
10-0017-04



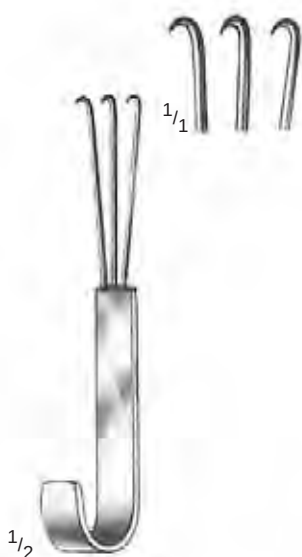
13,5 cm/5 ¹/₄"
10-0023-06



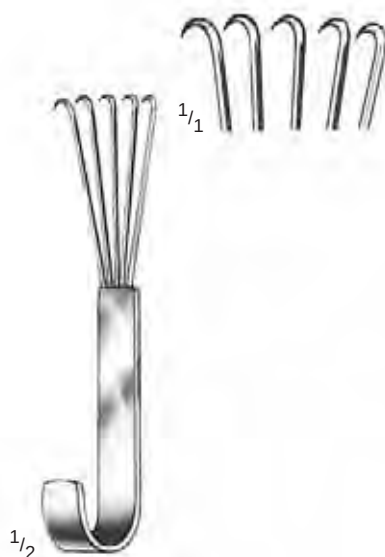
Miller
13,5 cm/5 ¹/₄"

10-0033-09
scharf
sharp
agudo
pointu

10-0033-19
stumpf
blunt
romo
mousse



12 cm/4 ³/₄"
10-0042-03



12 cm/4 ³/₄"
10-0042-05



O'Conner
12 cm/4 ³/₄"
10-0050-12



Cushing
14 cm/5 ¹/₂"
10-0054-14



Cloward
16,5 cm/6 ¹/₂"
10-0058-16

هوك عصب - هوك ظريف تكشاخ

Feine Wund- und Nervhäkchen

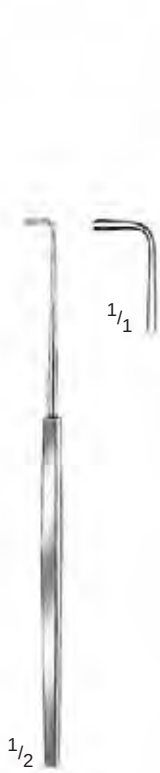
Fine Wound and Nerve Hooks

Ganchitos y ganchos para nervios

Crochets très fins et crochets à nerfs



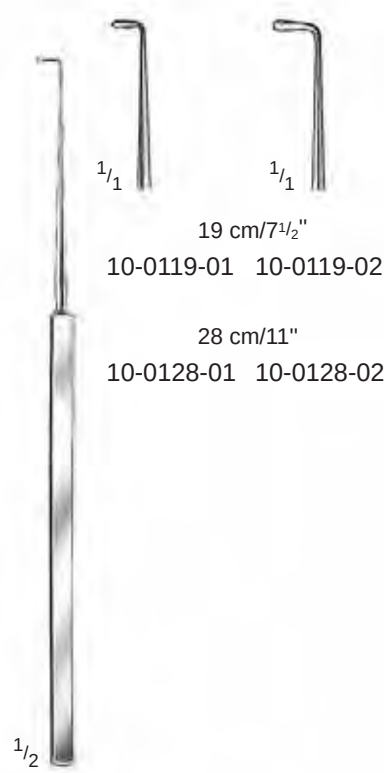
10
A



Crile
14,5 cm/5³/₄"
10-0100-14



Crile
20 cm/8"
10-0100-20



Cushing



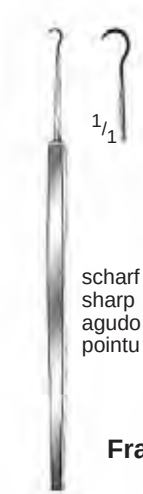
Adson
20 cm/8"
10-0130-20



Adson
20 cm/8"
10-0132-20



Cushing
14,5 cm/5³/₄"
10-0134-14



13 cm/5"
10-0136-13

16 cm/6¹/₄"
10-0136-16
18 cm/7"
10-0136-18



13 cm/5"
10-0138-13
18 cm/7"
10-0138-18



Tönnis
15 cm/6"
10-0144-15



Kleinert-Kutz
16 cm/6¹/₄"



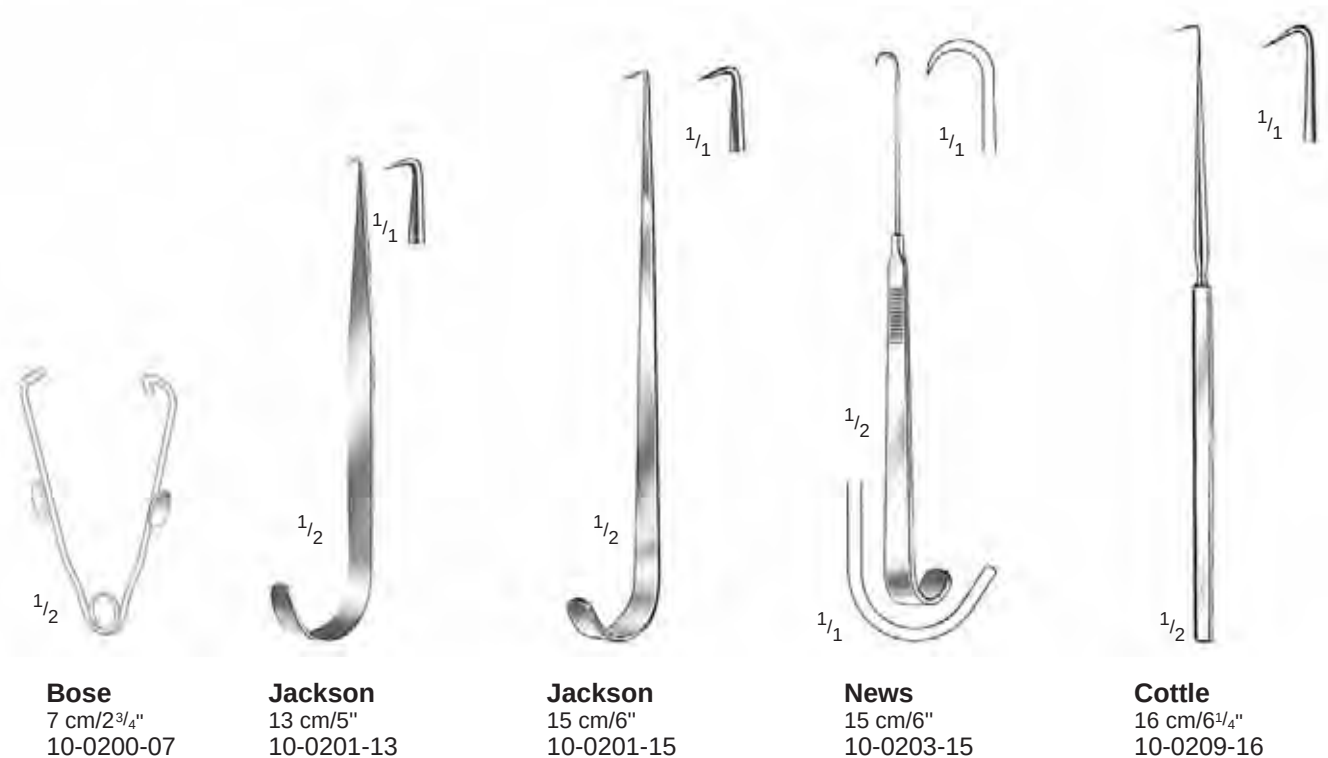
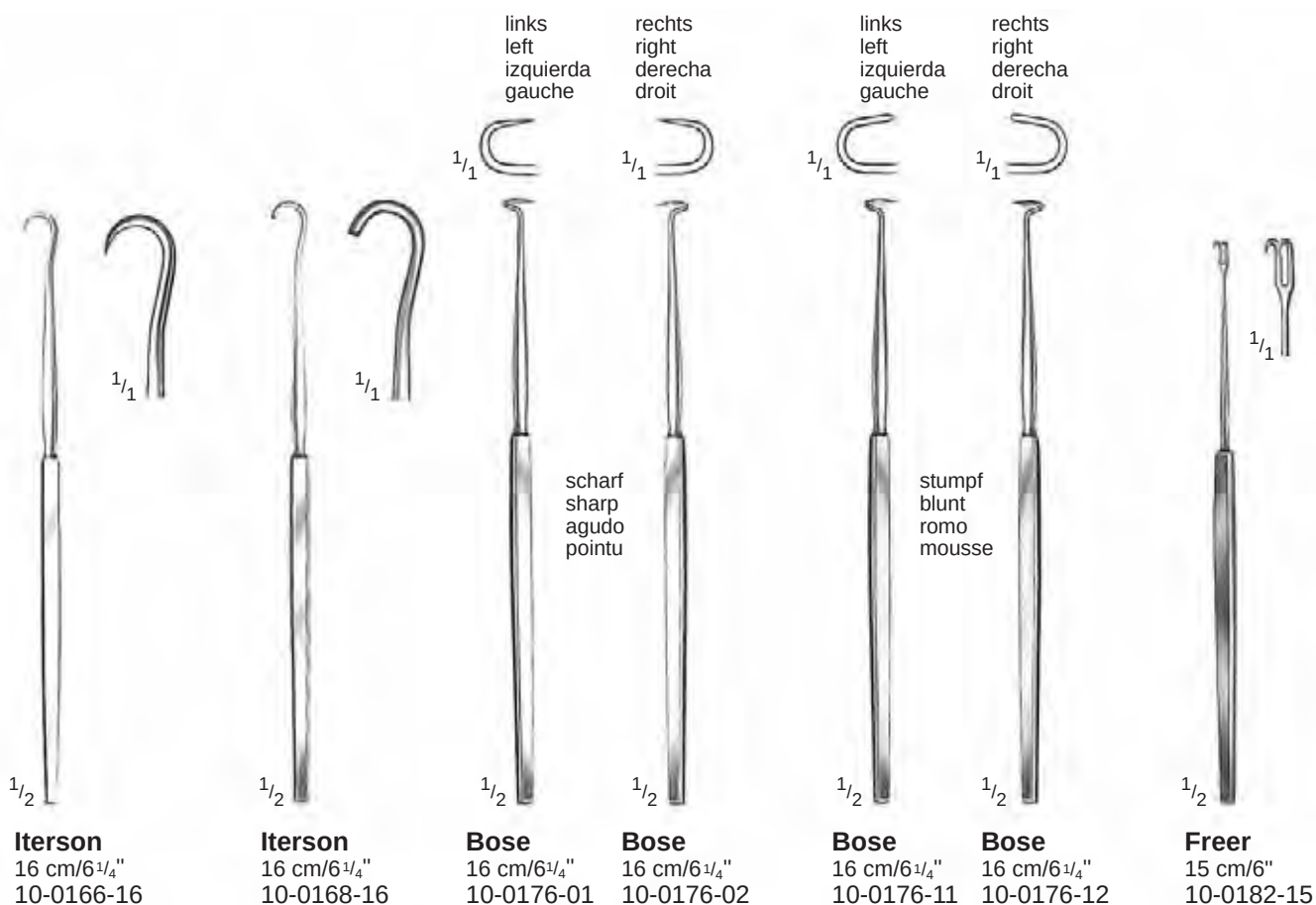
هوك تراکتومی - هوك نای

Wund-, Tracheal- und Schleimhauthäkchen

Wound and Trachea Retractors, Mucous Hooks

Ganchos y separadores para la tráquea, ganchos para las conas

Crochets à plaies et crochets à trachée, crochets pour la muqueuse



هوك گوش - هوك نای

Wund-und Trachealhäkchen, ohrhäkchen

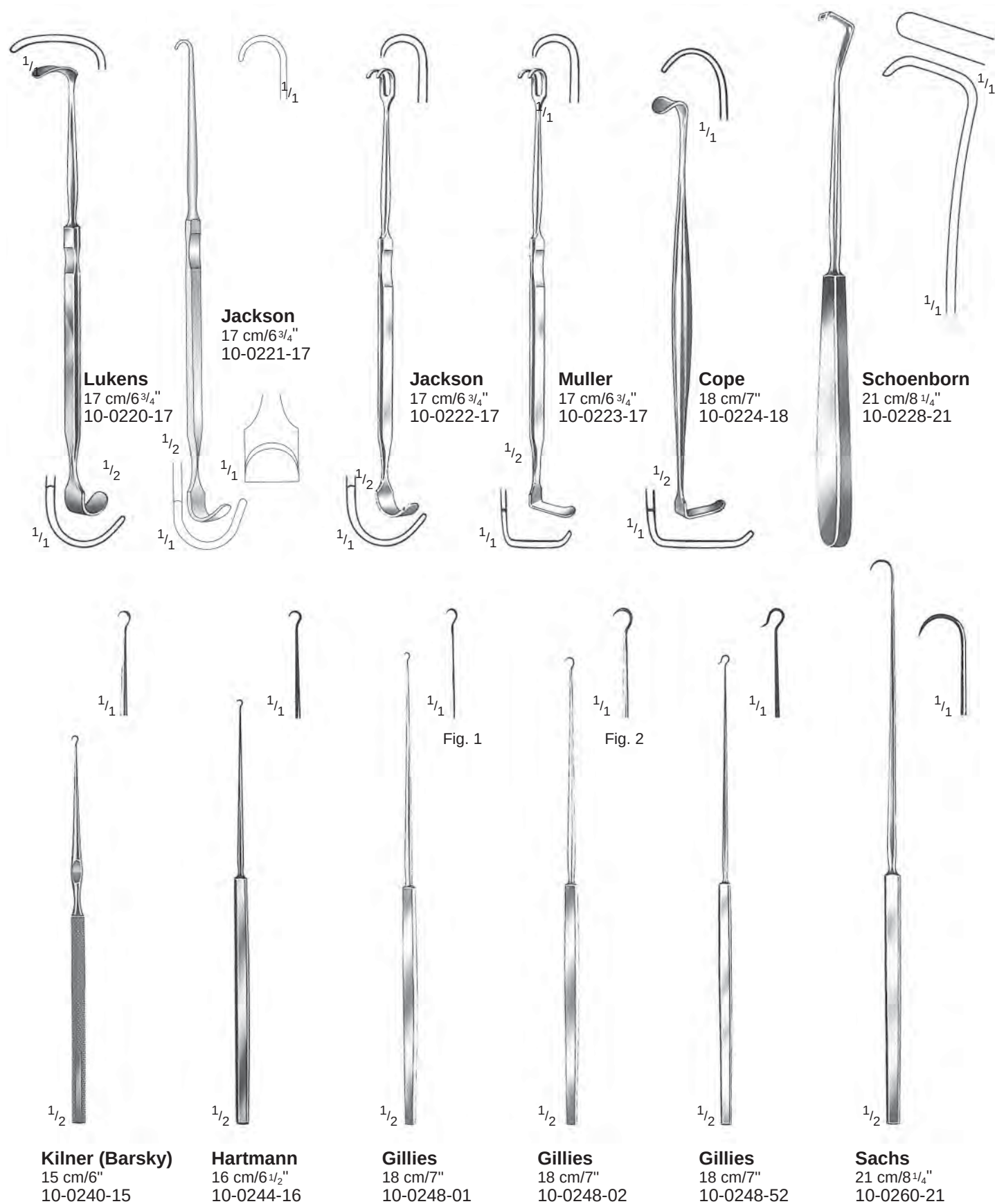
Wound and Trachea Retractors, Ear Hooklets

Ganchos y Separadores para la tràquea, ganchitos auriculares

Crochets à plaies et crochets à trachée, crochets auriculaires



10
A





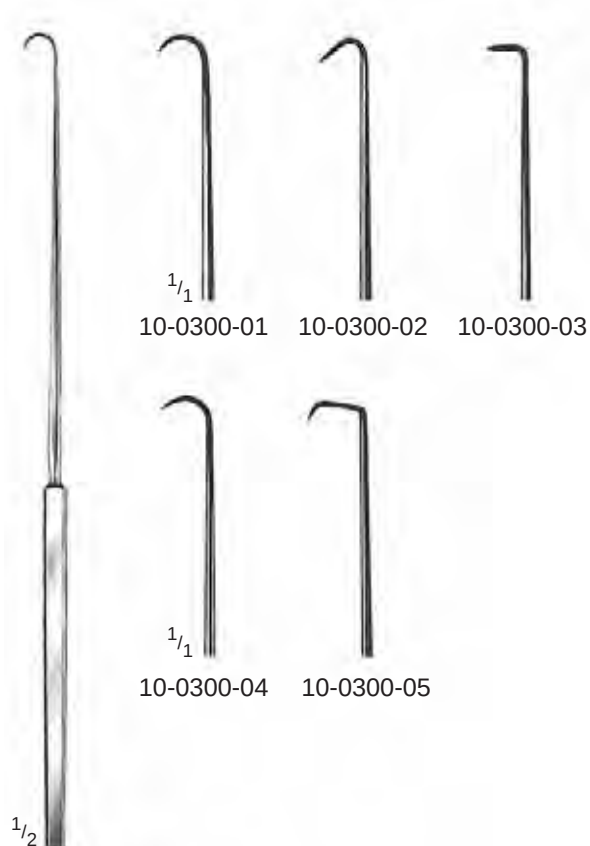
هوك فيستول - هوك ظريف پوستي

Fistelhaken und feine Hauthäkchen

Fistula- and fine Skin Hooks

Ganchos y ganchitos para fistulas

Crochets à fistules et crochets dermatologiques



Emmet
22 cm/8³/₄"



Simon
22 cm/8³/₄"
10-0322-01



Simon
22 cm/8³/₄"
10-0322-02



Bergmann
14 cm/5¹/₂"
10-0344-07



Graefe (Tyrell)
12 cm/4³/₄"

Irishäkchen
Iris Hooks
Ganchos para iris
Crochets à iris



Scharf
sharp
agudo
pointu
10-0350-12



Stumpf
blunt
romo
mousse
10-0351-12

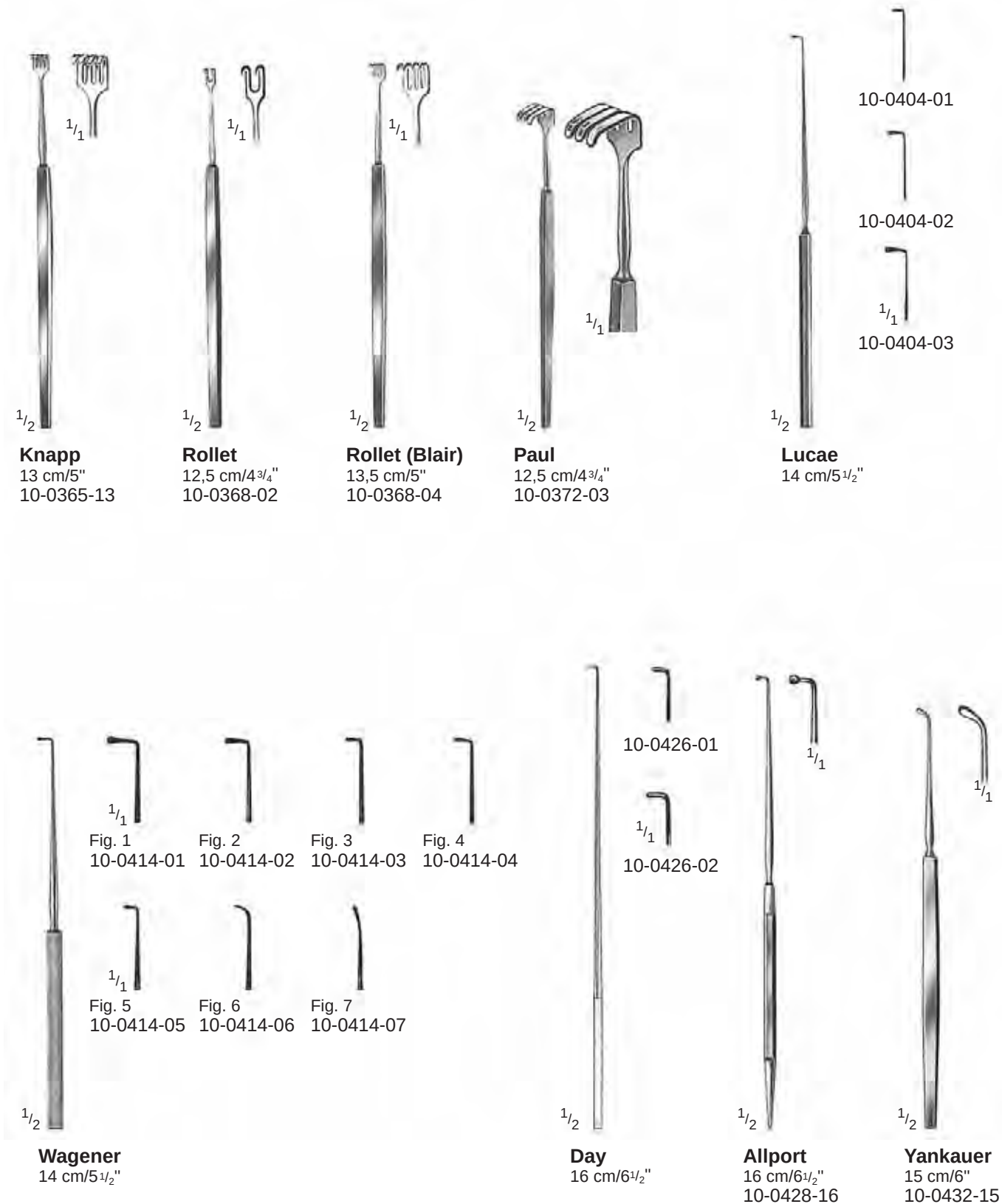
Fixier-Doppelhäkchen
Fixation Hooks, double
Ganchos fijadores, dobles
Crochets doubles à fixation



Guthrie
12 cm/4³/₄"
10-0362-01



Guthrie
13 cm/5"
10-0363-02



10
A



هوك دورا - هوك عصب

Nervenhaken, Durahaken

Nerve Hooks, Dura Hooks

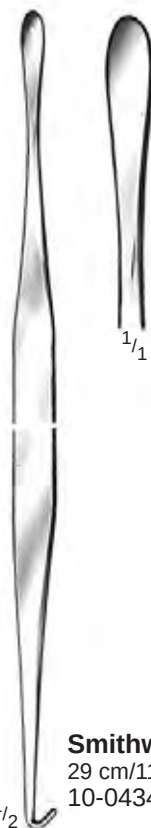
Ganchos para nervios, ganchos para dura-madre

Crochets à nerfs, crochets pour dure-mère



Smithwick

17 cm/6 1/2" 10-0433-17
21 cm/8 1/4" 10-0433-21



Smithwick

29 cm/11 1/2" 10-0434-29



Frazier

19 cm/7 1/2" 10-0435-01



Frazier

19 cm/7 1/2" 10-0435-02



Hoen

22 cm/8 3/4" 10-0436-22



Dandy

20 cm/8" 10-0437-01



Dandy

20 cm/8" 10-0437-20



Dandy

20 cm/8" 10-0437-21



Adson

23 cm/9" 10-0438-23



Graham

16,5 cm/6 1/2" 10-0439-16



Sachs

18,5 cm/7 1/4" 10-0440-18



Cloward

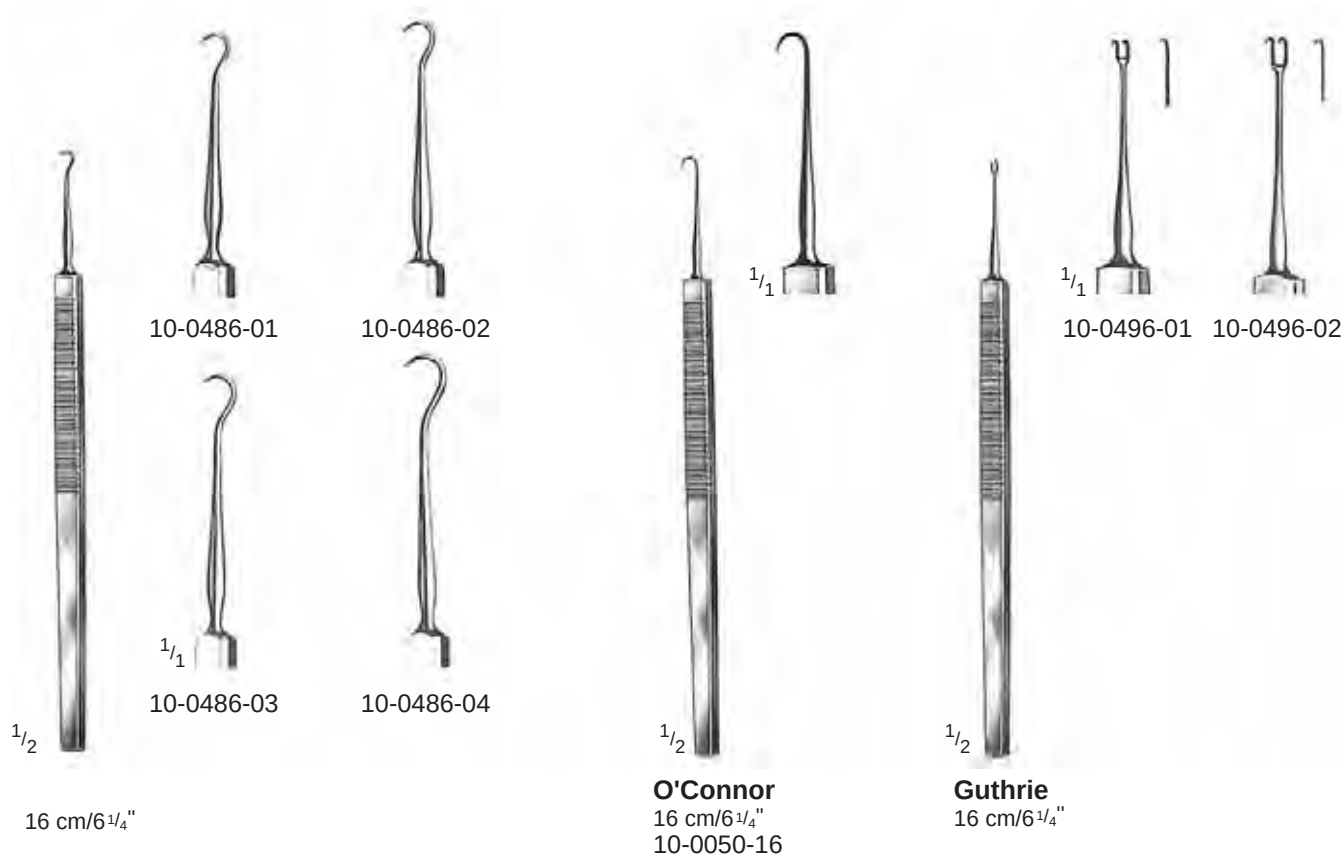
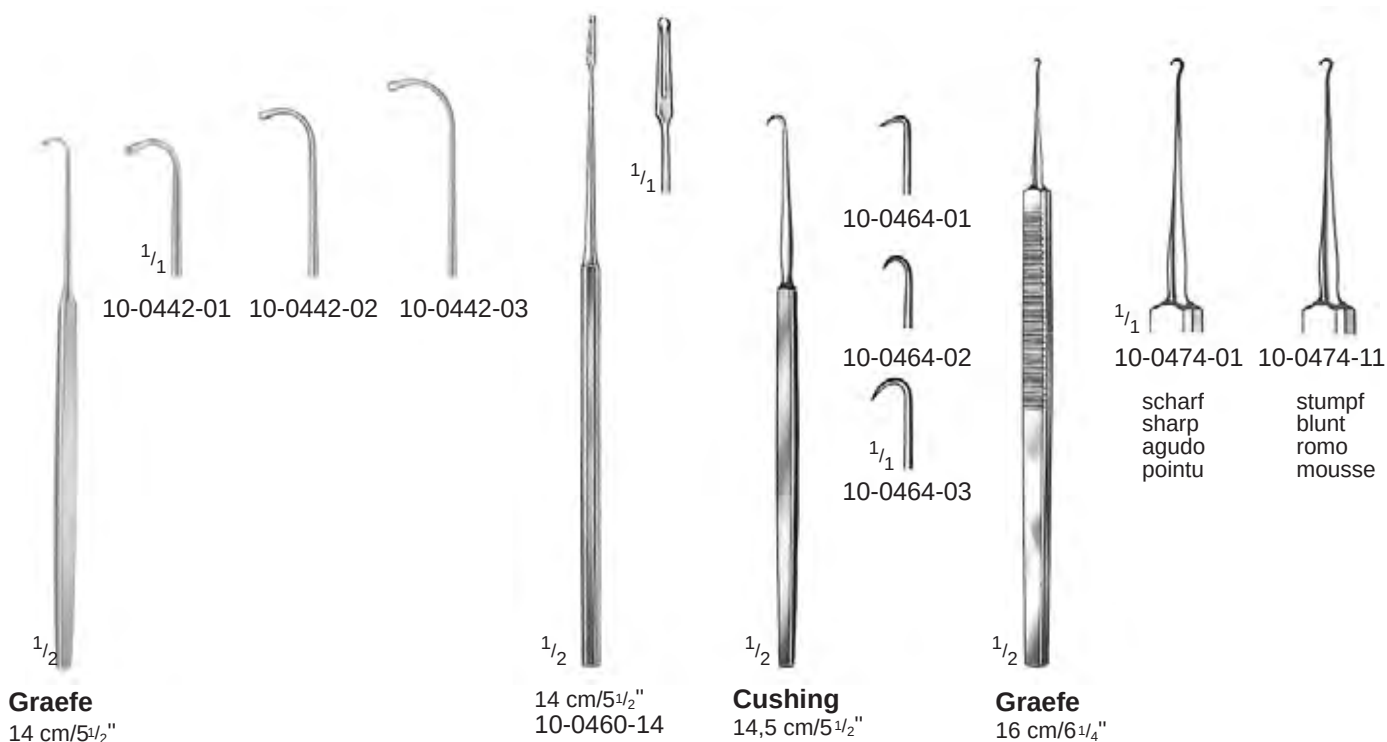
16 cm/6 1/2" 10-0441-16

انواع هوك تك شاخ و دوشاخ

Wundhäkchen
Retractors
Separadores
Ecarteurs



10
A





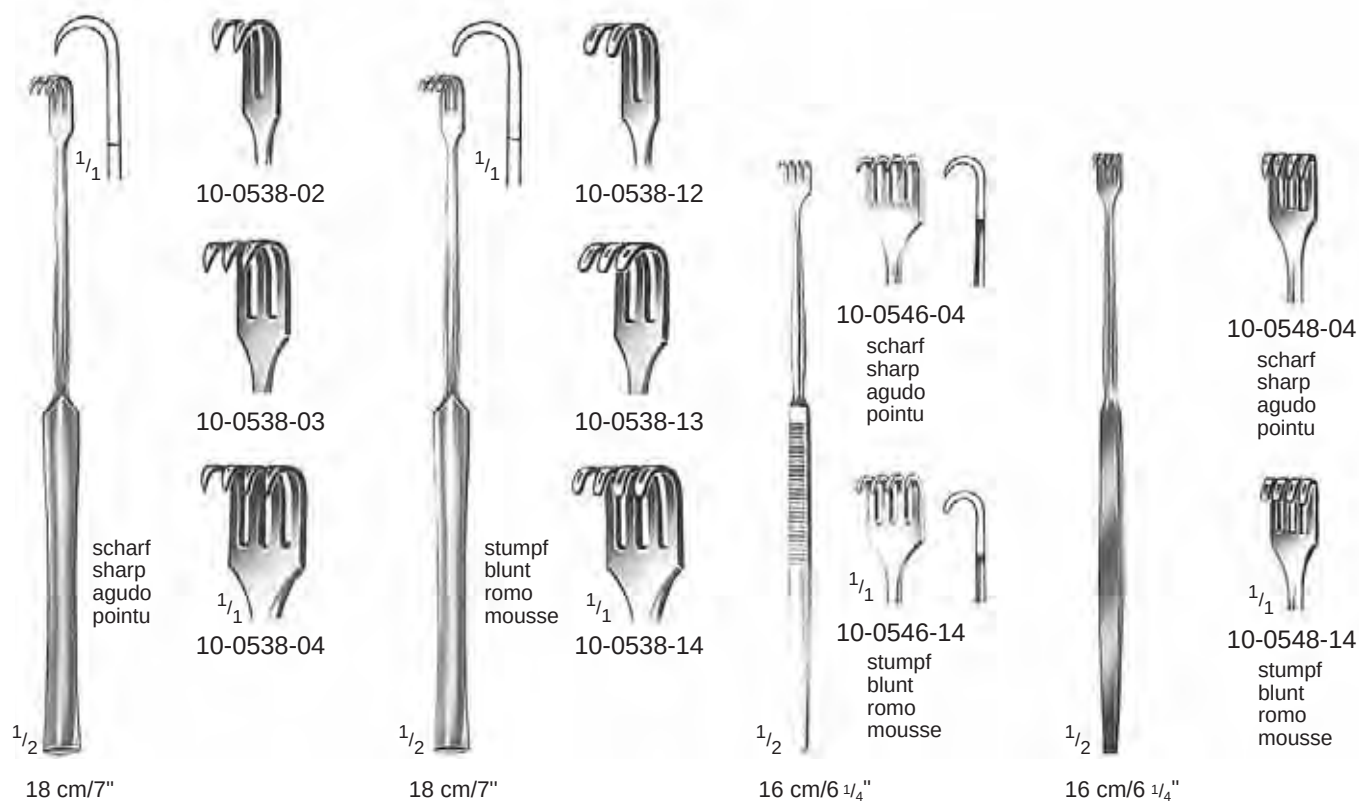
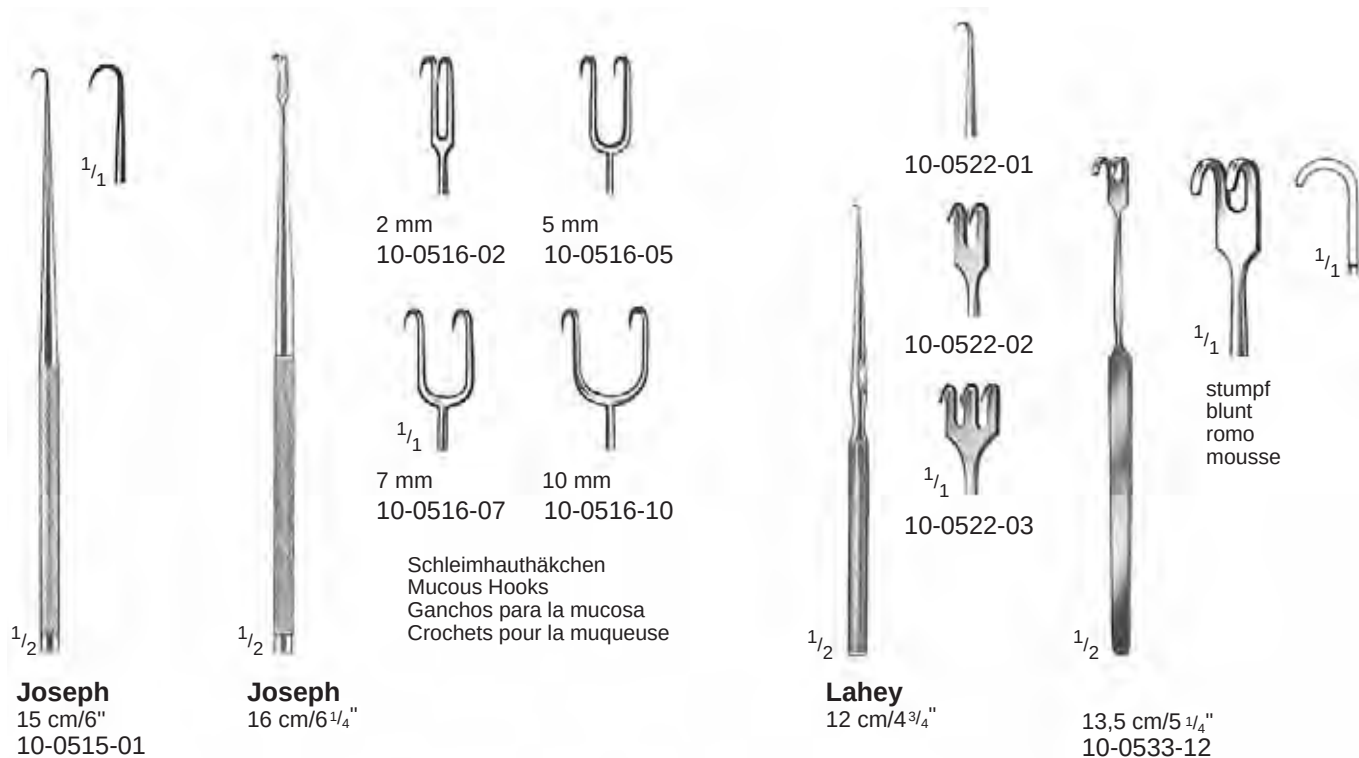
انواع اکارتور هوک چنگالی

Feine Wund- und Trachealhäkchen

Fine Wound- and Trachea Retractors

Ganchos y separadores para la tráquea

Crochets très fins et crochets à trachée



انواع اکارتور هوک چنگالی

Wund- und Trachealhäkchen

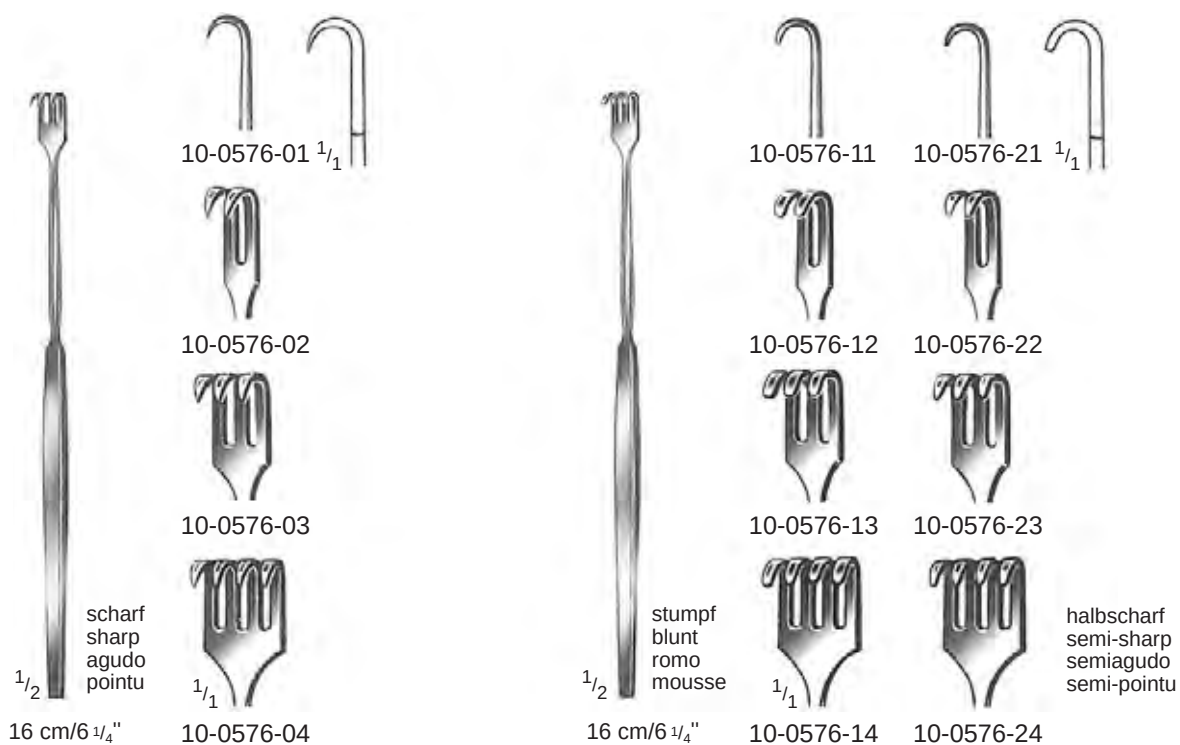
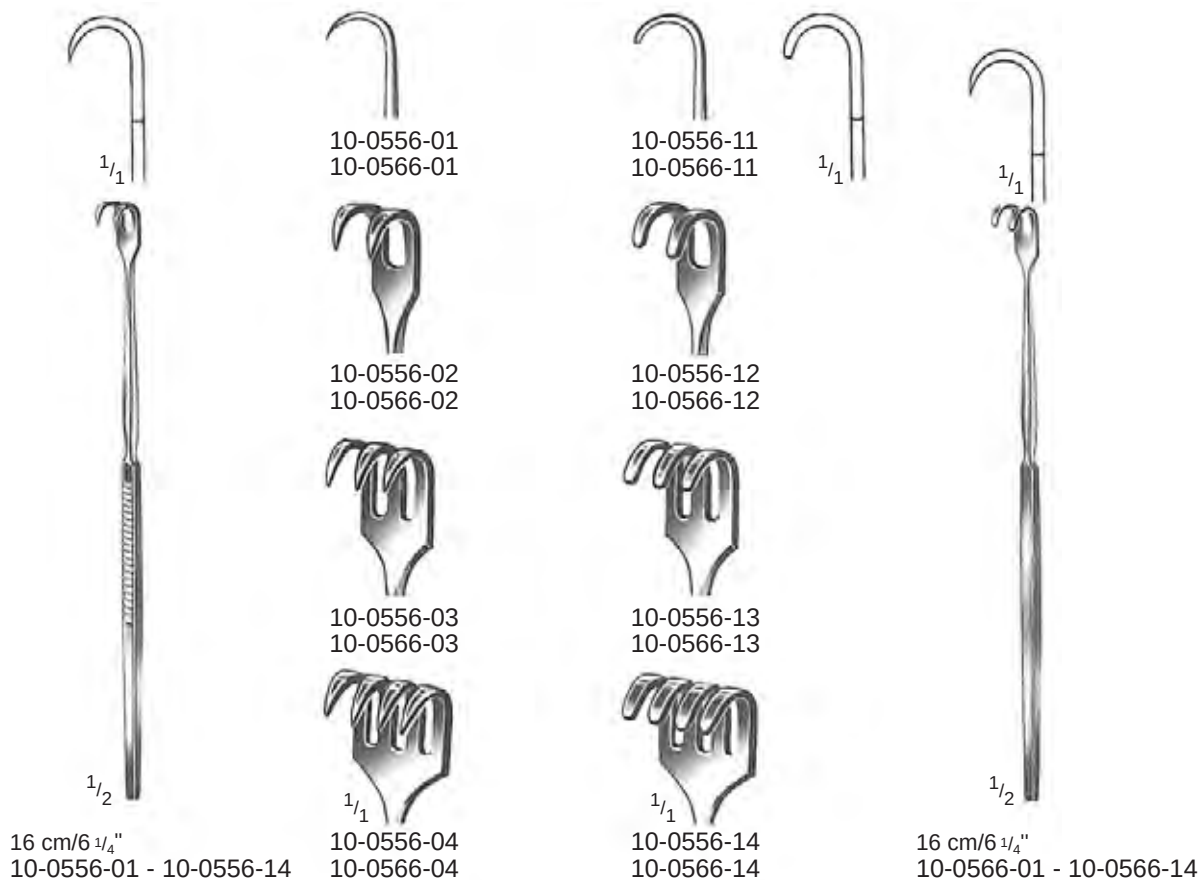
Wound and Trachea Retractors

Separadores y ganchos para la tráquea

Ecarteurs et crochets à trachée

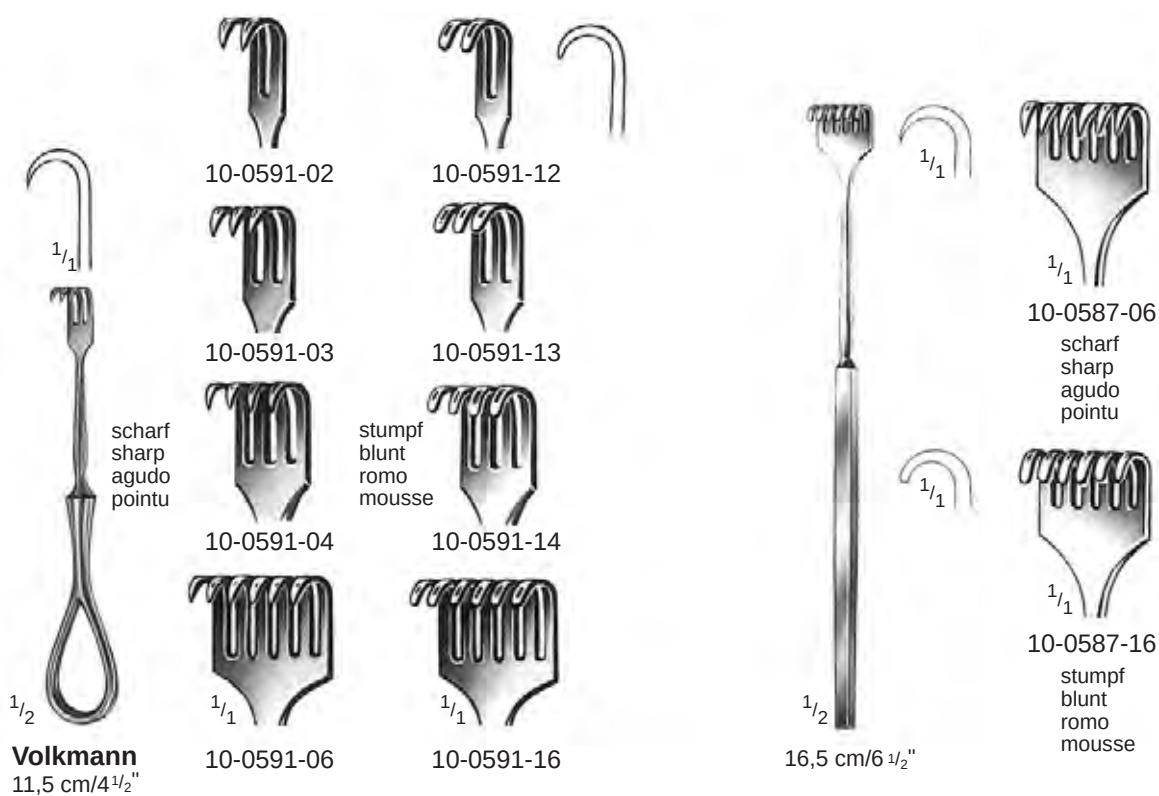
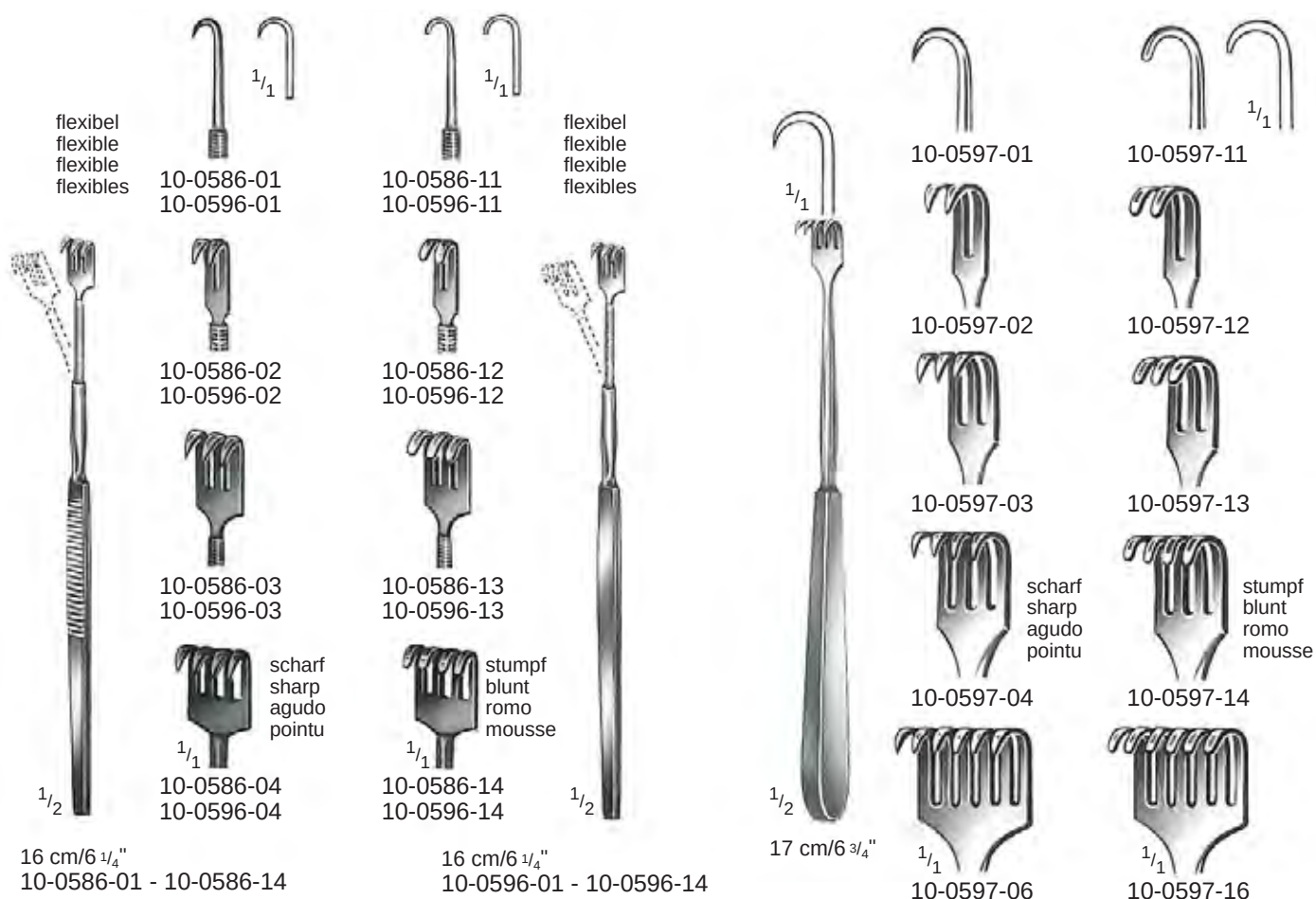


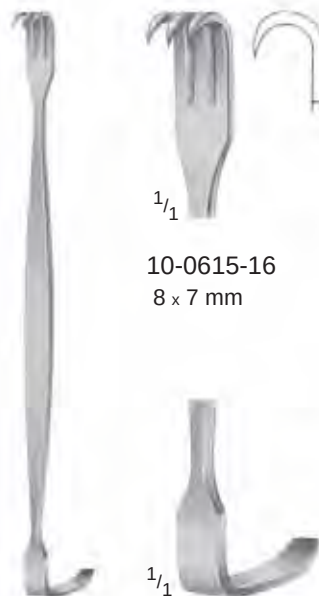
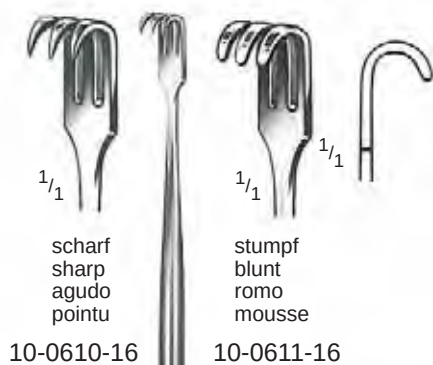
10
A



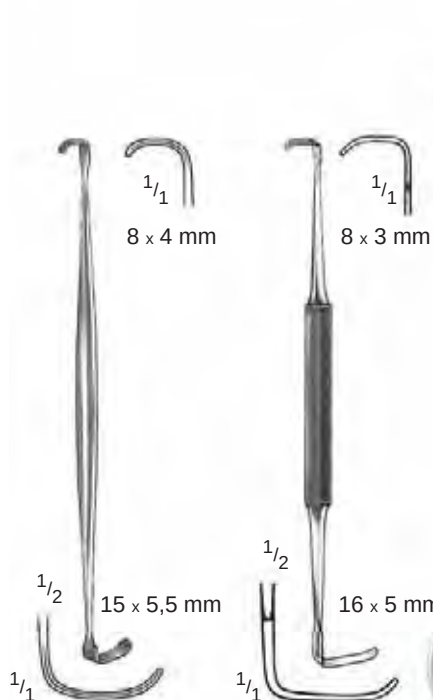
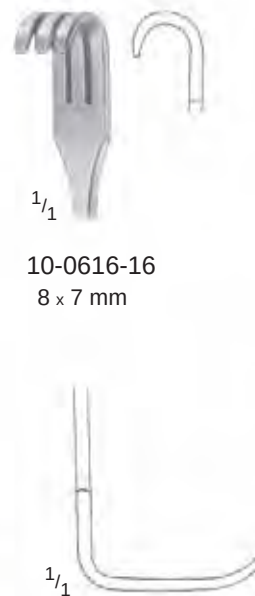
انواع اکارتور هوک چنگالی

Wund- und Trachealhäkchen
Wound and Trachea Retractors
Separadores y ganchos para la tráquea
Ecarteurs et crochets à trachée





Baby-senn-miller
15,5 cm/6"

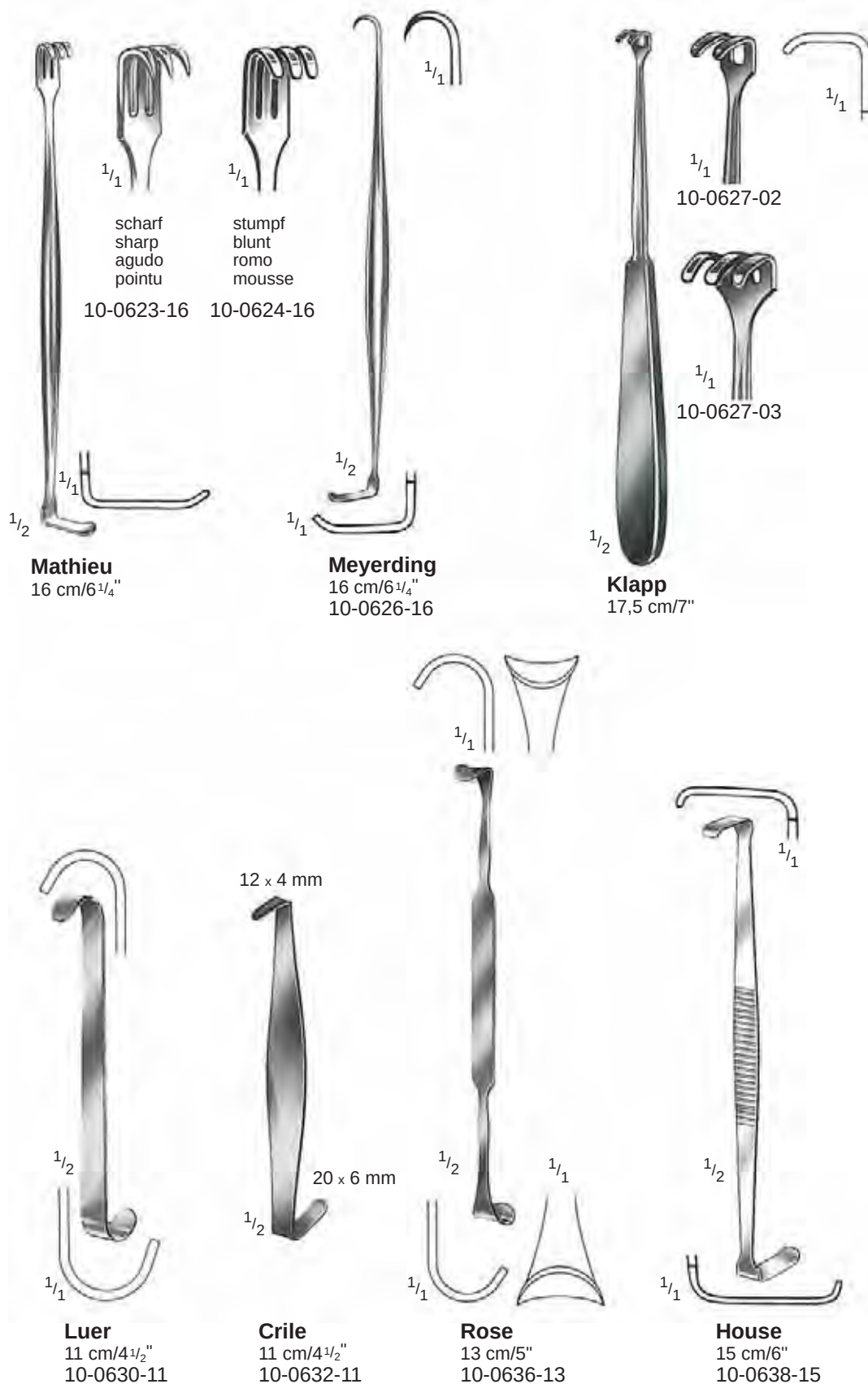


Ragnell-Davis
14 cm/5 1/2"
10-0618-14

Ragnell
15 cm/6"
10-0620-15



Meyerding Finger Retractors
18 cm/7"
10-0622-00 Satz/Set 6



انواع هوك بينى

Nasenflügelhaken

Hooks for posterior nares

Separadores nasales

Crochets pour les ailes du nez



10
A



1/2

Cottle

14 cm/5 1/2"
10-0654-01



1/2

Cottle

14 cm/5 1/2"
10-0654-02



1/2

Cottle

14 cm/5 1/2"
10-0654-03



1/2

Fomon

16 cm/6 1/4"
10-0656-16



1/2

Neivert

20 cm/8"
10-0658-20



1/2

Cottle-Neivert

20 cm/8"
10-0658-21

Choanenhaken ▶
Hook for posterior nares
Gancho para las coanas
Crochet boutonné pour
les ailes du nez



1/2

Fomon

17 cm/6 3/4"
10-0664-17



1/2

Lange

22 cm/8 3/4"
10-0666-22



1/1



1/2

Cottle

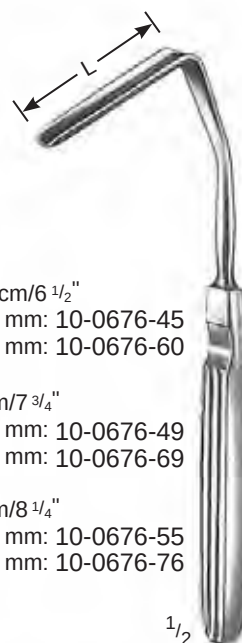
15 cm/6"
10-0674-15



1/2

Aufricht (Walter)

13,5 cm/5 1/4"
10-0676-14



1/2

Aufricht

16,5 cm/6 1/2"
L=45 mm: 10-0676-45
L=60 mm: 10-0676-60

19 cm/7 3/4"
L=45 mm: 10-0676-49
L=60 mm: 10-0676-69

21 cm/8 1/4"
L=45 mm: 10-0676-55
L=60 mm: 10-0676-76

10
A

Univer

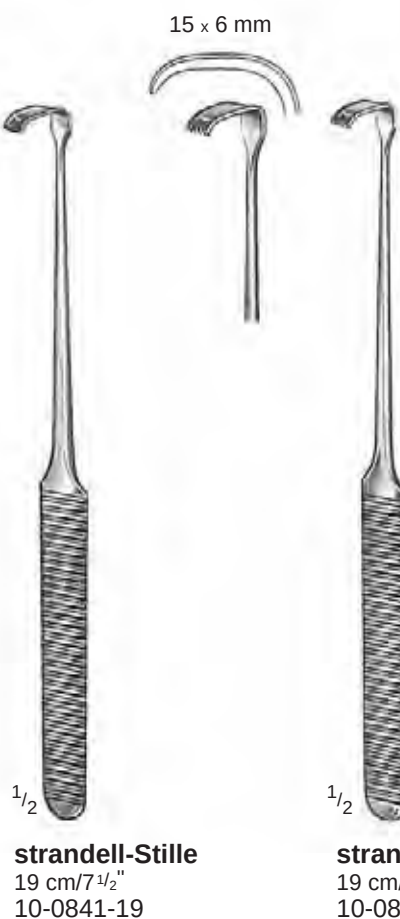
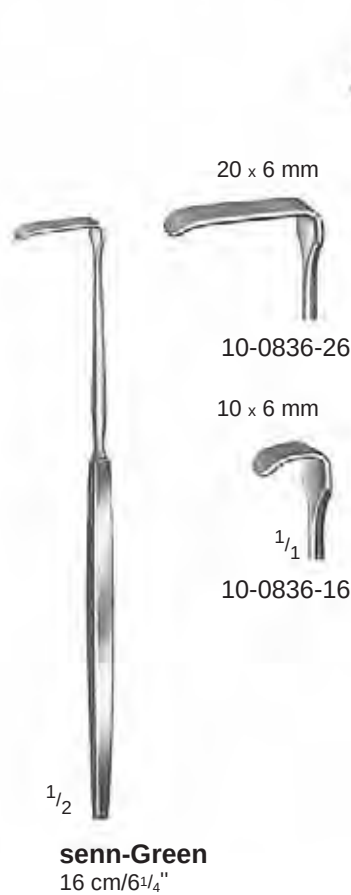
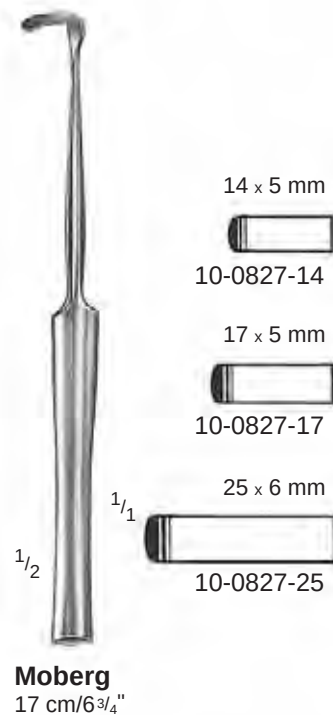
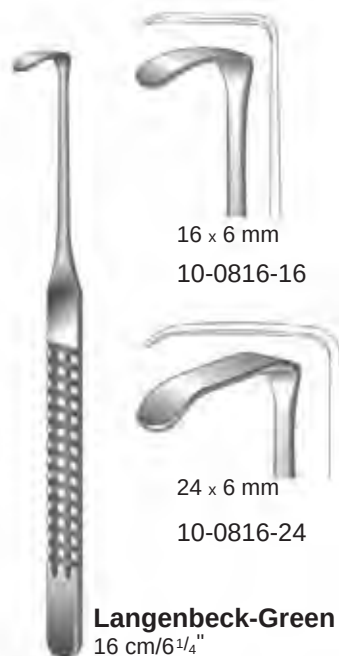
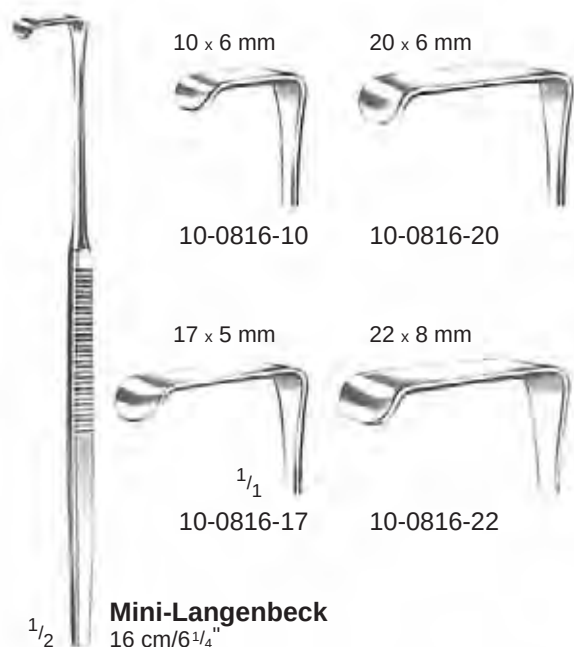
اکارتور نای - انواع اکارتور

Haut-, Wund- und Trachealhäkchen

Skin-, Wound- and Trachea Retractors

Ganchos para piel, separadores y ganchos para la tráquea

Crochets dermatologiques, crochets à plaies, ecarteurs et crochets à trachée



انواع اکارتور پلکی - بینی و رگ

Lidhalter, Nasenflügelhaken, Wund- und Venenhaken

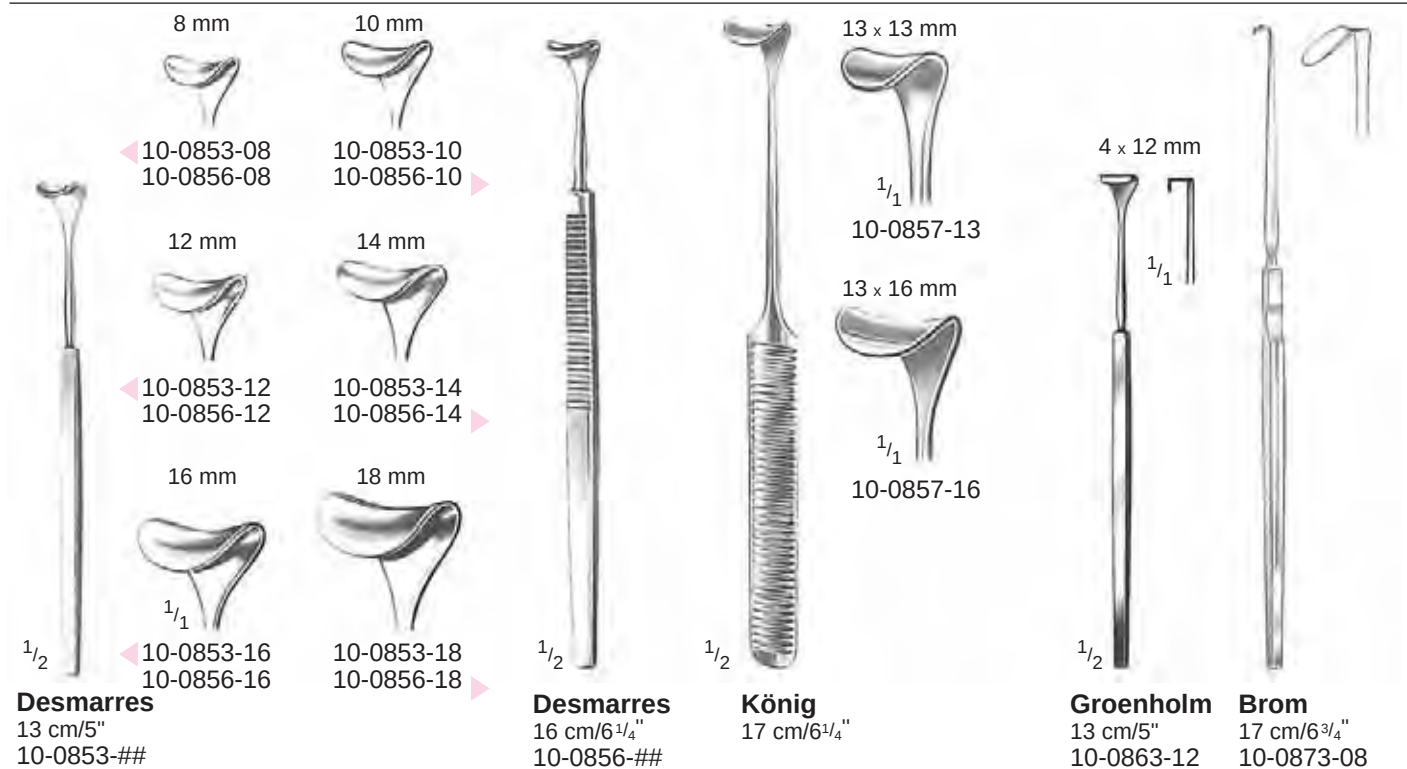
Lid Retractors, Hooks for Posterior Nares, Wound and Vein Retractors

Retractores de párpados, ganchos para las coanas, ganchos y separadores para venas

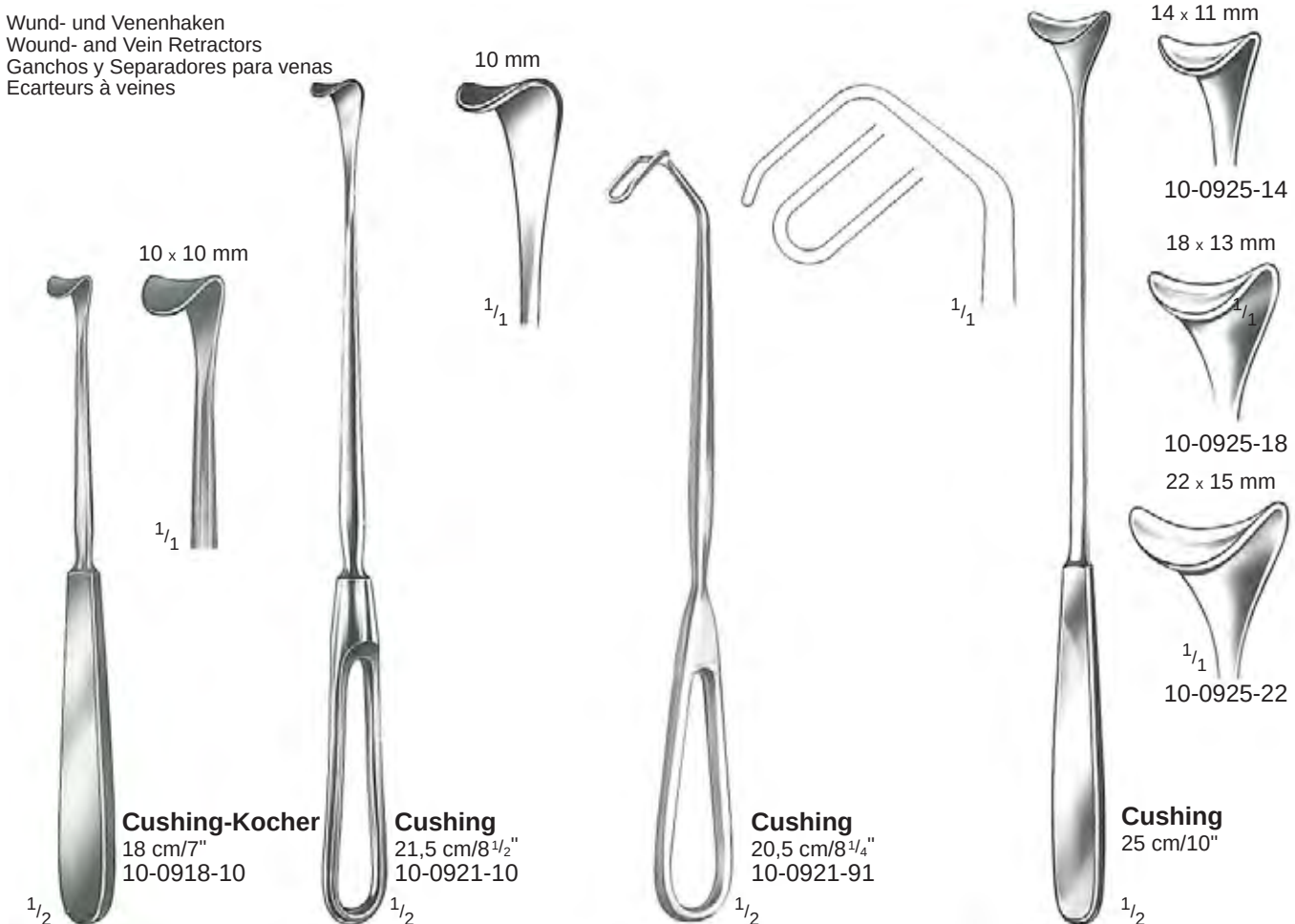
Releveurs de paupières, crochets pour les ailes du nez, écarteurs à veines



10
A



Wund- und Venenhaken
Wound- and Vein Retractors
Ganchos y Separadores para venas
Ecarteurs à veines





اکارتور کوشینگ

Wund- und Venenhaken

Wound- and Vein Retractors

Ganchos y separadores para venas

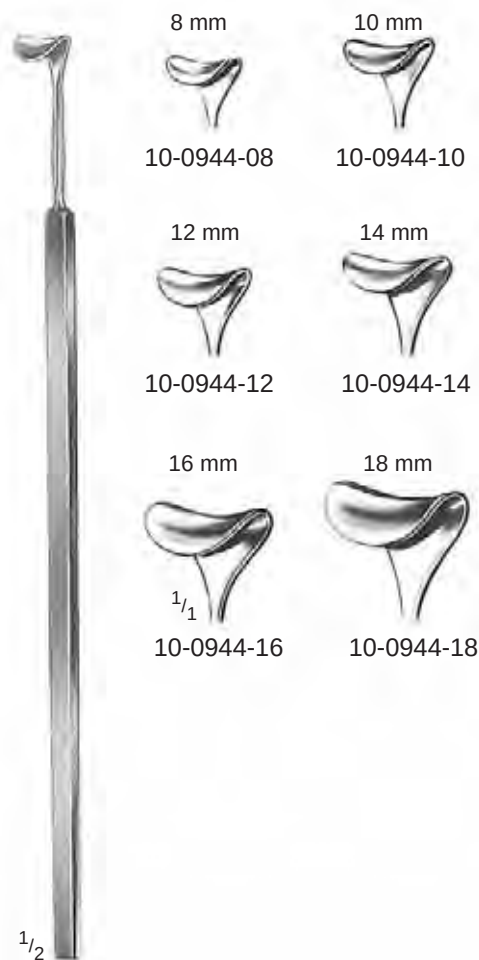
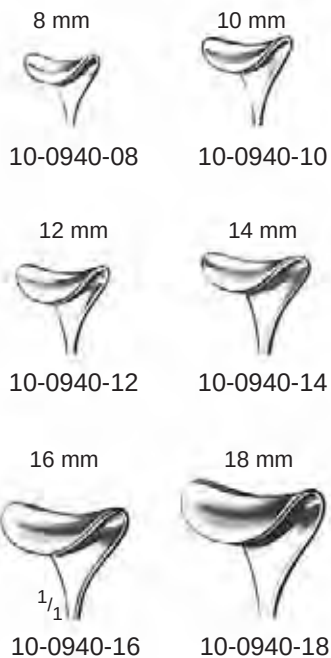
Ecarteurs à veines



Herzfeld
20 cm/8"
10-0930-20



Cushing
20 cm/8"



Cushing
24 cm/9 1/2"

اکارتور ریشه عصب

Nervwurzelhaken

Nerve Root Retractors

Separadores para raíz de nervios

Rétracteurs pour racines nerveuses



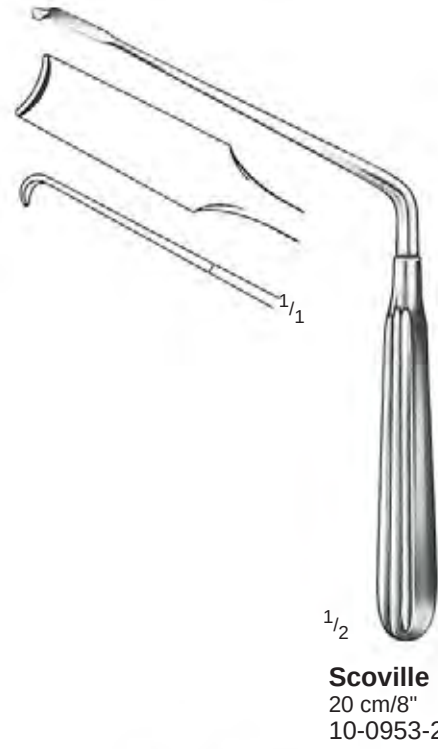
10
A



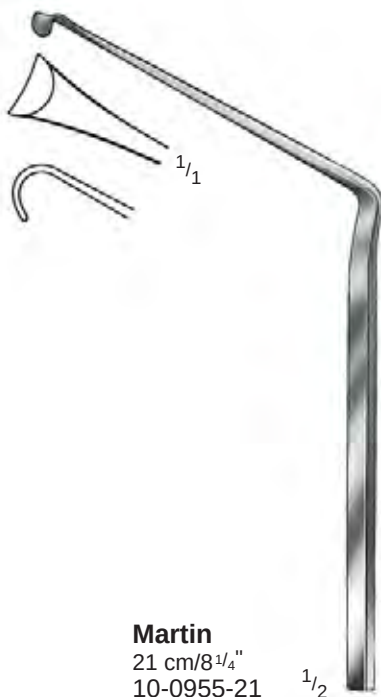
Scoville
23 cm/9"
10-0950-23



Holsher
24 cm/9 1/2"
10-0951-24



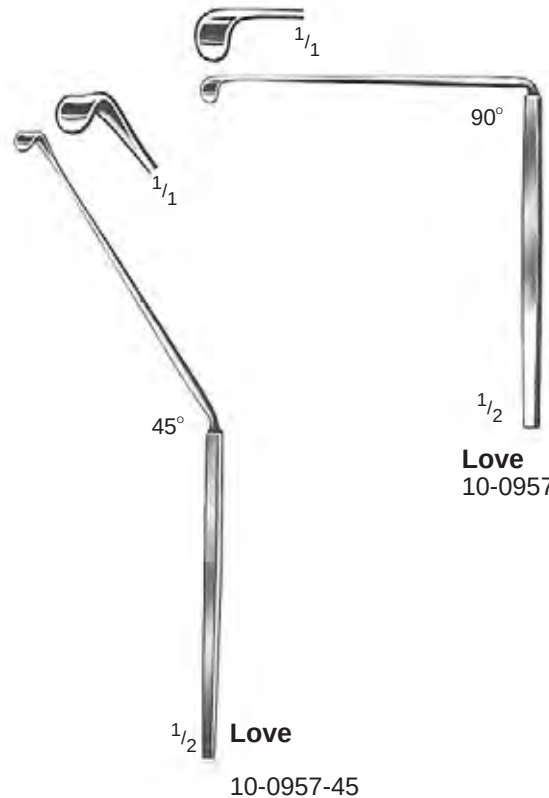
Scoville
20 cm/8"
10-0953-20



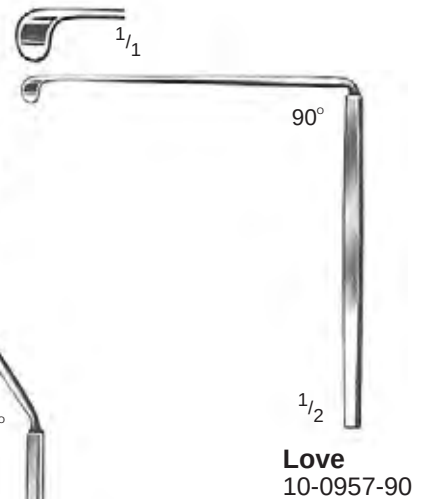
Martin
21 cm/8 1/4"
10-0955-21



Love
19,5 cm/8"
10-0957-00



Love
10-0957-45



Love
10-0957-90

10
A



اکارتور ریشه عصب

Nervwurzelhaken

Nerve Root Retractors

Separadores para raiz de nervios

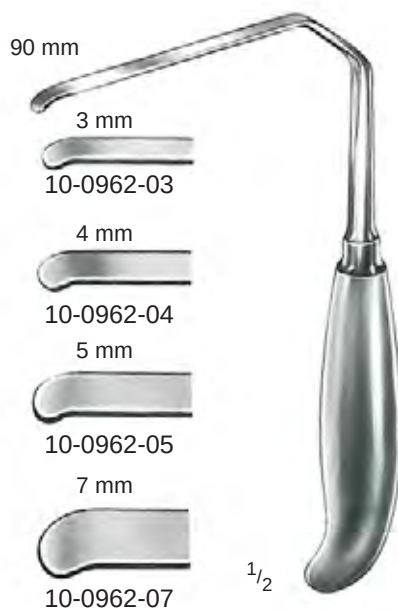
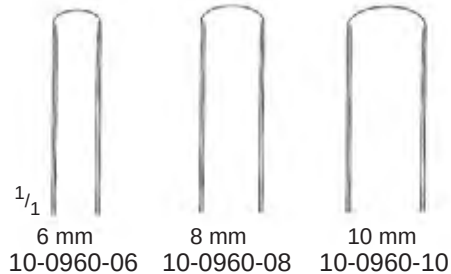
Rétracteurs pour racines nerveuses



Casper
24 cm/9 1/2"



Love
21 cm/8 1/4"
10-0961-21



Hess
19 cm/7 1/2"

انواع اکارتور چنگالی

Wundhaken
Retractors
Separadores
Ecarteurs



10
A

7 x 15 mm



1/1



1/2

21 cm/8 1/4"

10-1021-04
scharf
sharp
agudo
pointu

1/1



1/1

10-1021-14
stumpf
blunt
romo
mousse



1/1

scharf
sharp
agudo
pointu

1/2

Volkman
23 cm/9"
10-1023-01



1/1

stumpf
blunt
romo
mousse

1/2

Volkman
23 cm/9"
10-1023-11



1/2

Volkman
23 cm/9"

9 x 8 mm



1/1

scharf
sharp
agudo
pointu

10-1023-02



1/2

9 x 13 mm



10-1023-03

9 x 19 mm



10-1023-04

9 x 29 mm



10-1023-06



1/1

stumpf
blunt
romo
mousse

10-1023-12



1/2



10-1023-13



10-1023-14



10-1023-16



1/1

halbscharf
semi-sharp
semiagudo
semi-pointu

10-1023-22



1/2



10-1023-23



10-1023-24



10-1023-26



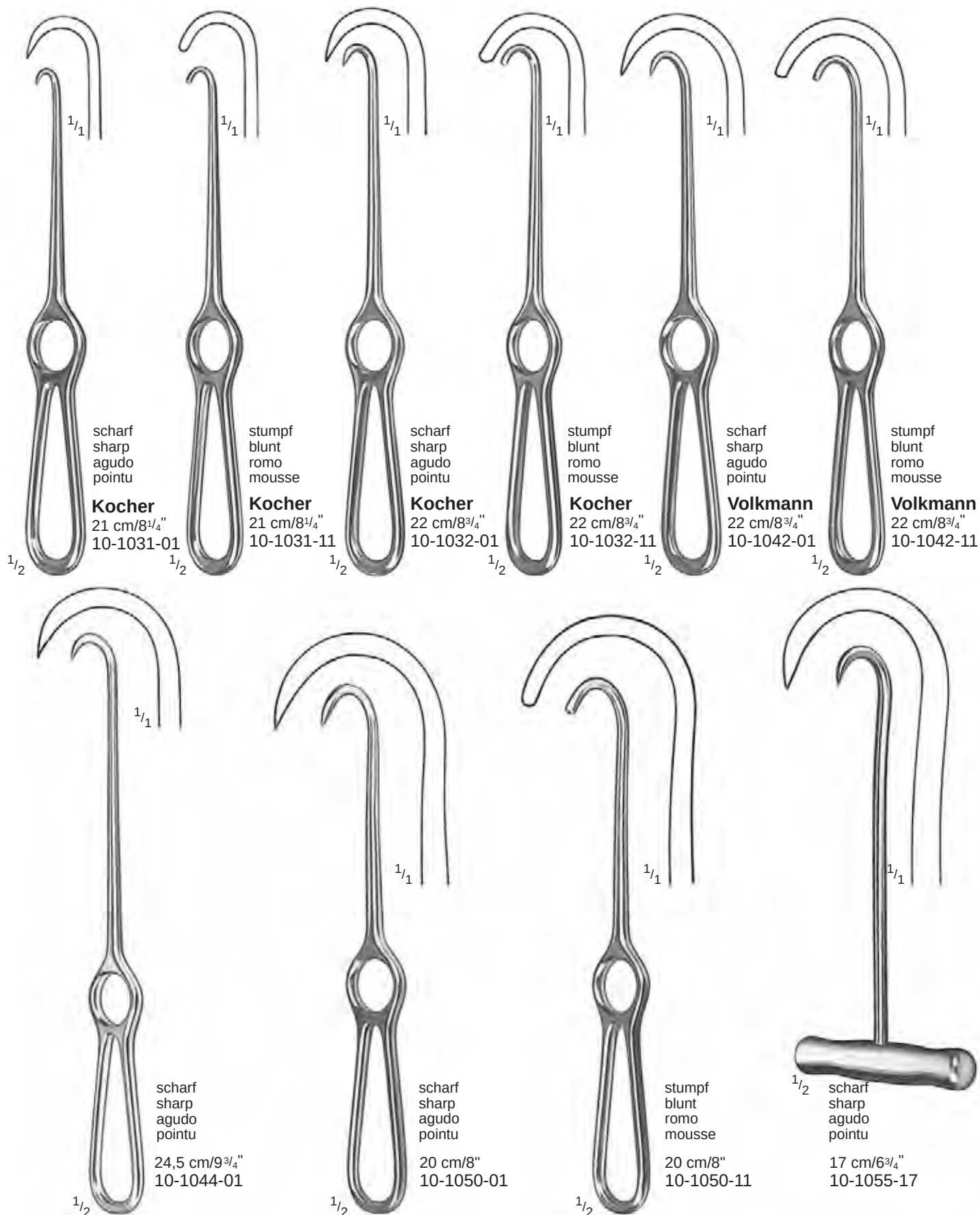
هوك تكشاخ استخوانی

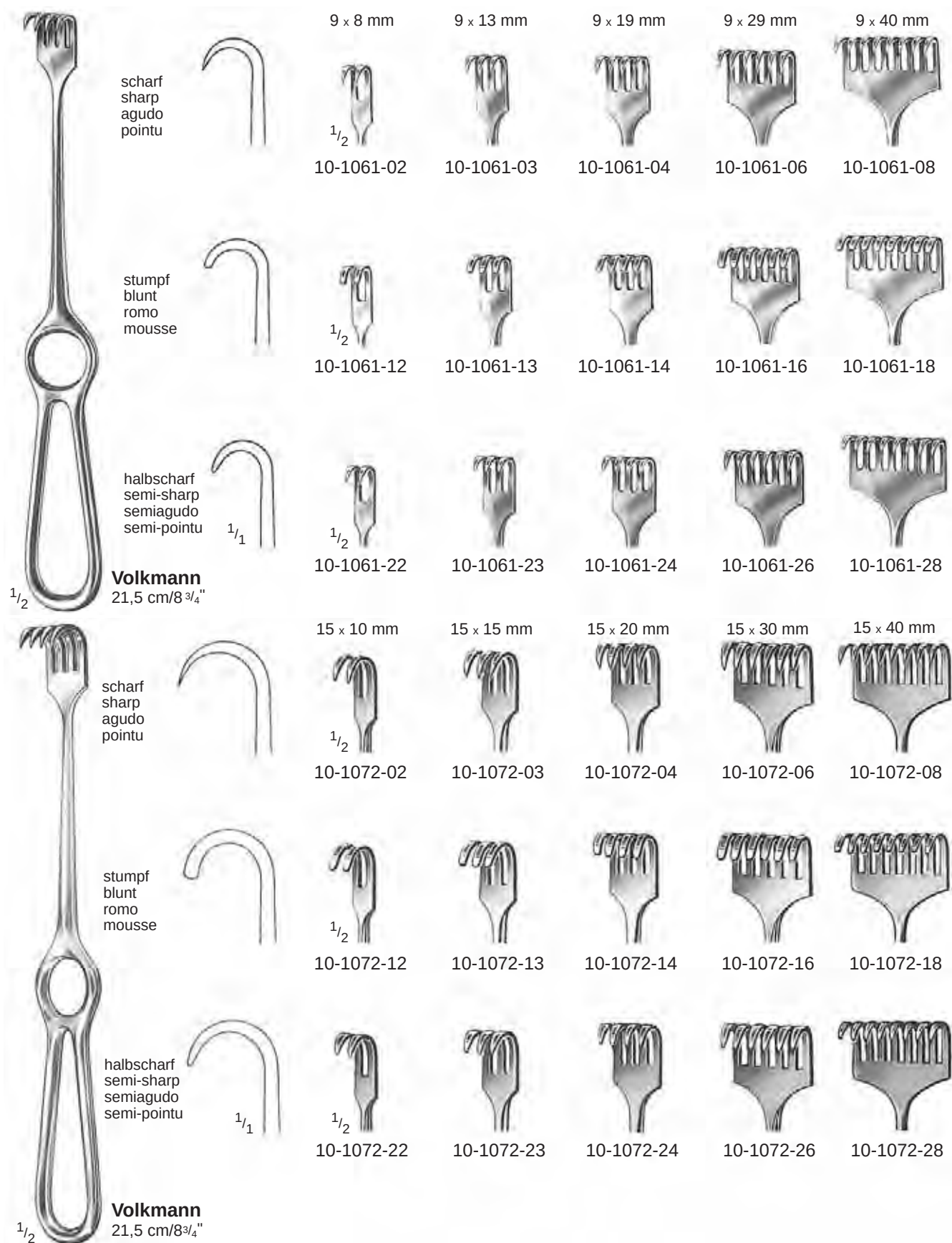
Wund- und Knochenhaken

Retractors and Bone Hooks

Separadores y ganchos para huesos

Ecarteurs et crochet pour chirurgie osseuse

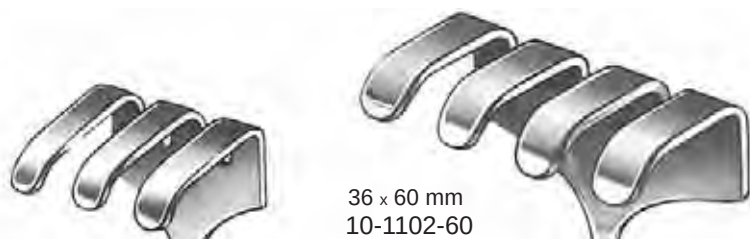




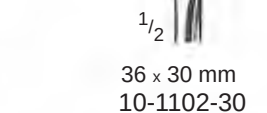


انواع اکارتور چنگالی

Wundhaken
Retractors
Separadores
Ecarteurs



36 x 60 mm
10-1102-60



$\frac{1}{2}$
36 x 30 mm
10-1102-30



$\frac{1}{1}$



33 x 20 mm

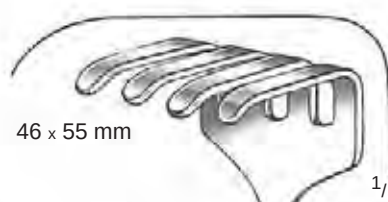
$\frac{1}{2}$

Wassmund
20 cm/8"
10-1106-20

$\frac{1}{2}$

$\frac{1}{2}$

Ollier
22,5 cm/9"

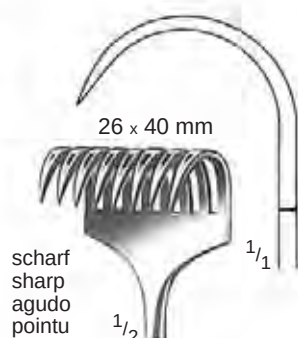


46 x 55 mm

$\frac{1}{1}$



$\frac{1}{2}$



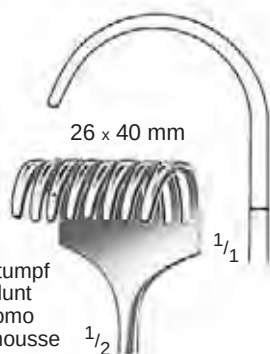
26 x 40 mm

scharf
sharp
agudo
pointu

$\frac{1}{1}$

$\frac{1}{2}$

10-1124-08



26 x 40 mm

stumpf
blunt
rombo
mousse

$\frac{1}{1}$

$\frac{1}{2}$

10-1124-18

Körte
24 cm/9 $\frac{1}{2}$ "

$\frac{1}{2}$

Körte
23 cm/9"
10-1133-55

انواع اکارتور چنگالی

Wundhaken
Retractors
Separadores
Ecarteurs

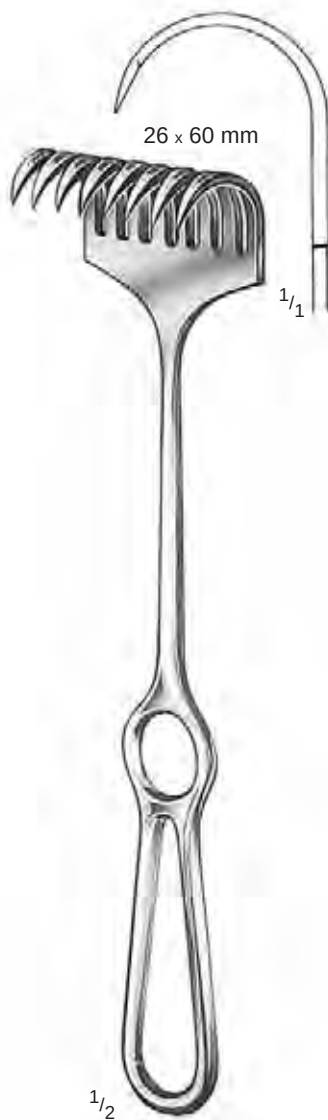


10
A



Korte

28 cm/11"
10-1138-40



25 cm/10"
10-1145-08



25 cm/10"
10-1145-16

10
A



انواع اکارتور چنگالی

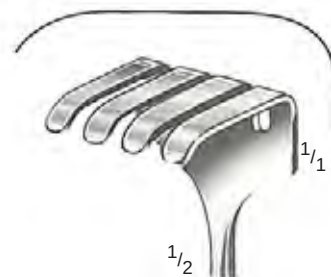
Wundhaken
Retractors
Separadores
Ecarteurs



$\frac{1}{2}$

Israel
25 cm/10"

40 x 40 mm



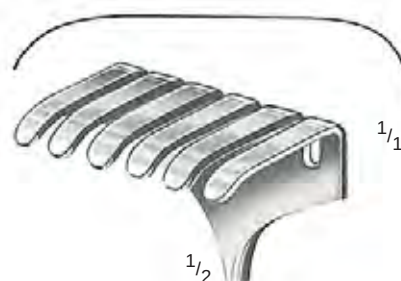
10-1155-40

45 x 50 mm



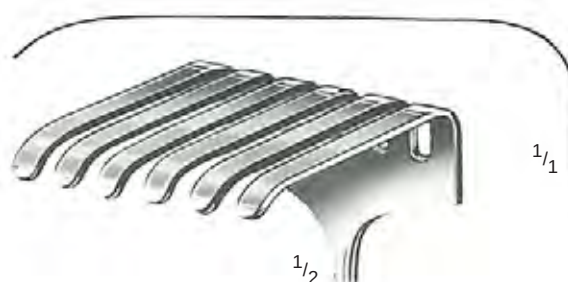
10-1155-50

50 x 60 mm

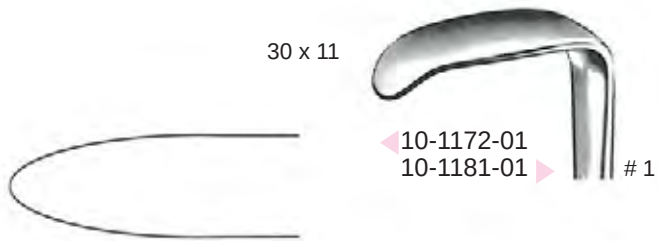


10-1155-60

70 x 70 mm



10-1155-70



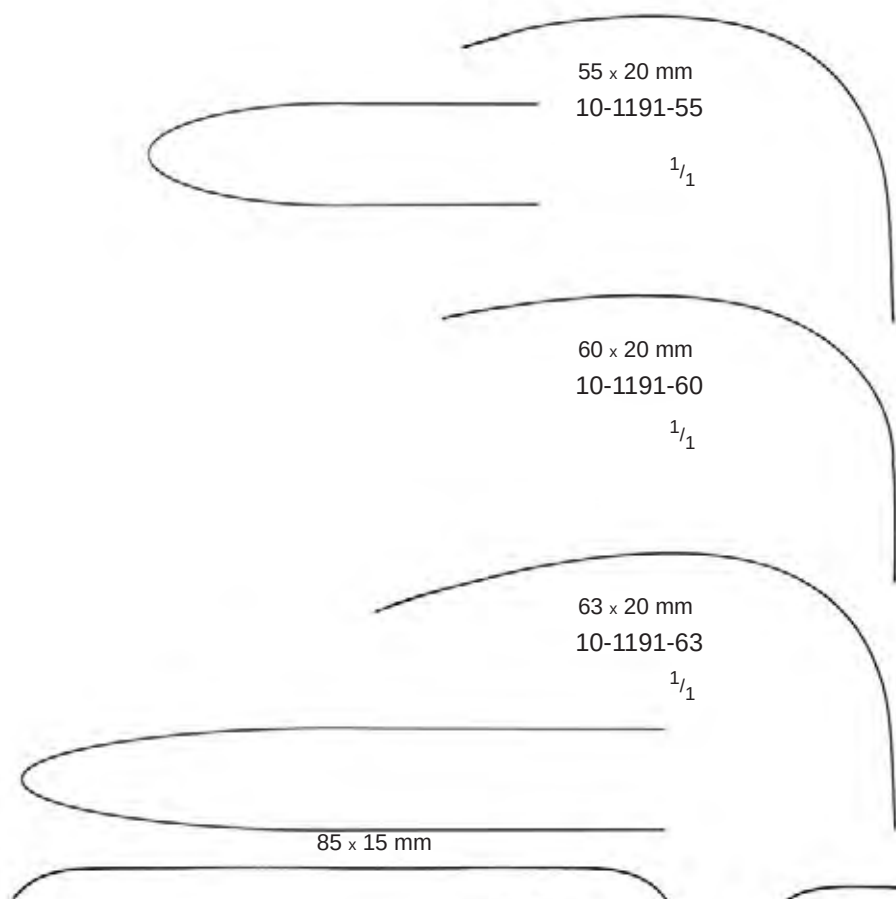
Langenbeck
22 cm/8 $\frac{1}{2}$ "
10-1172-##



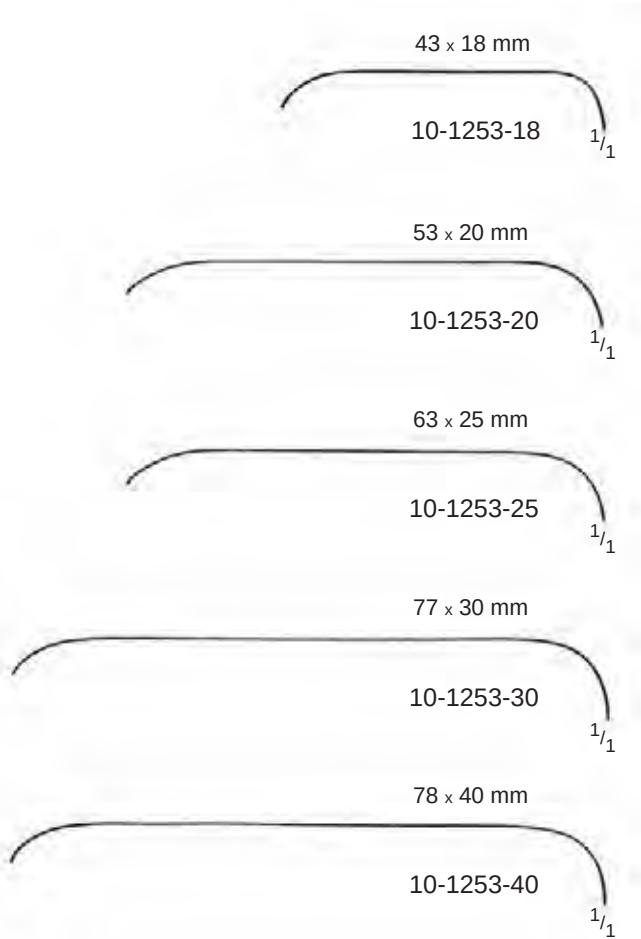
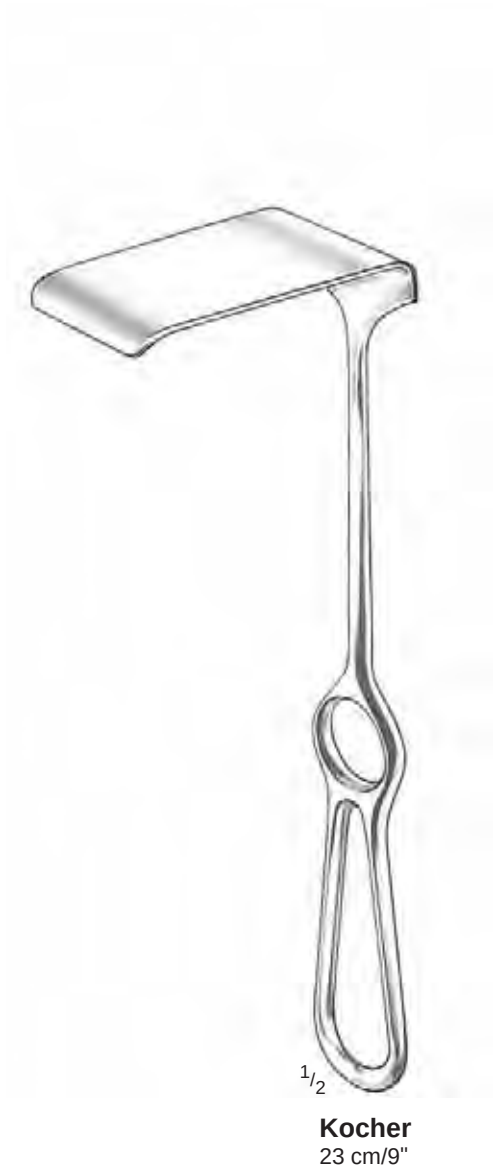
Langenbeck
21 cm/8 $\frac{1}{4}$ "
10-1181-##



اکاتور لنگن بک
Wundhaken
Retractors
Separadores
Ecarteurs



Kropfwundhaken
Goitre Retractor
Separador para bocio
Ecarteur pour goitre





انواع اکارتور لنگن بک

Wundhaken
Retractors
Separadores
Ecarteurs



25 x 6 mm # 1
10-1261-01



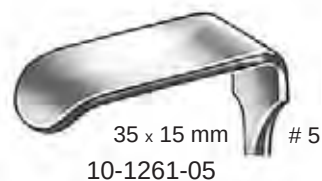
25 x 8 mm # 2
10-1261-02



35 x 8 mm # 3
10-1261-03



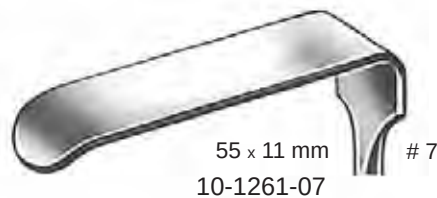
35 x 11 mm # 4
10-1261-04



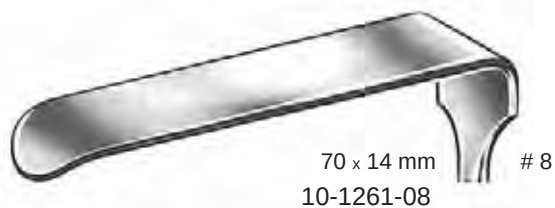
35 x 15 mm # 5
10-1261-05



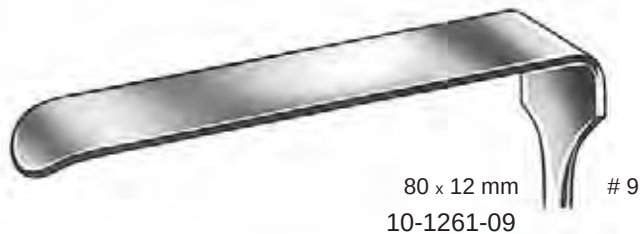
40 x 11 mm # 6
10-1261-06



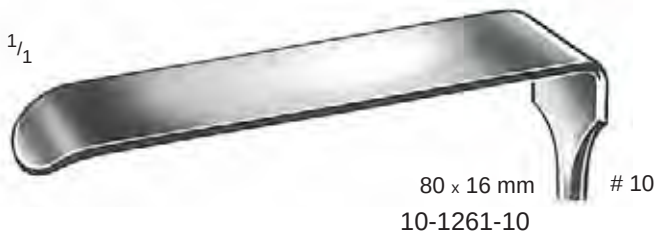
55 x 11 mm # 7
10-1261-07



70 x 14 mm # 8
10-1261-08



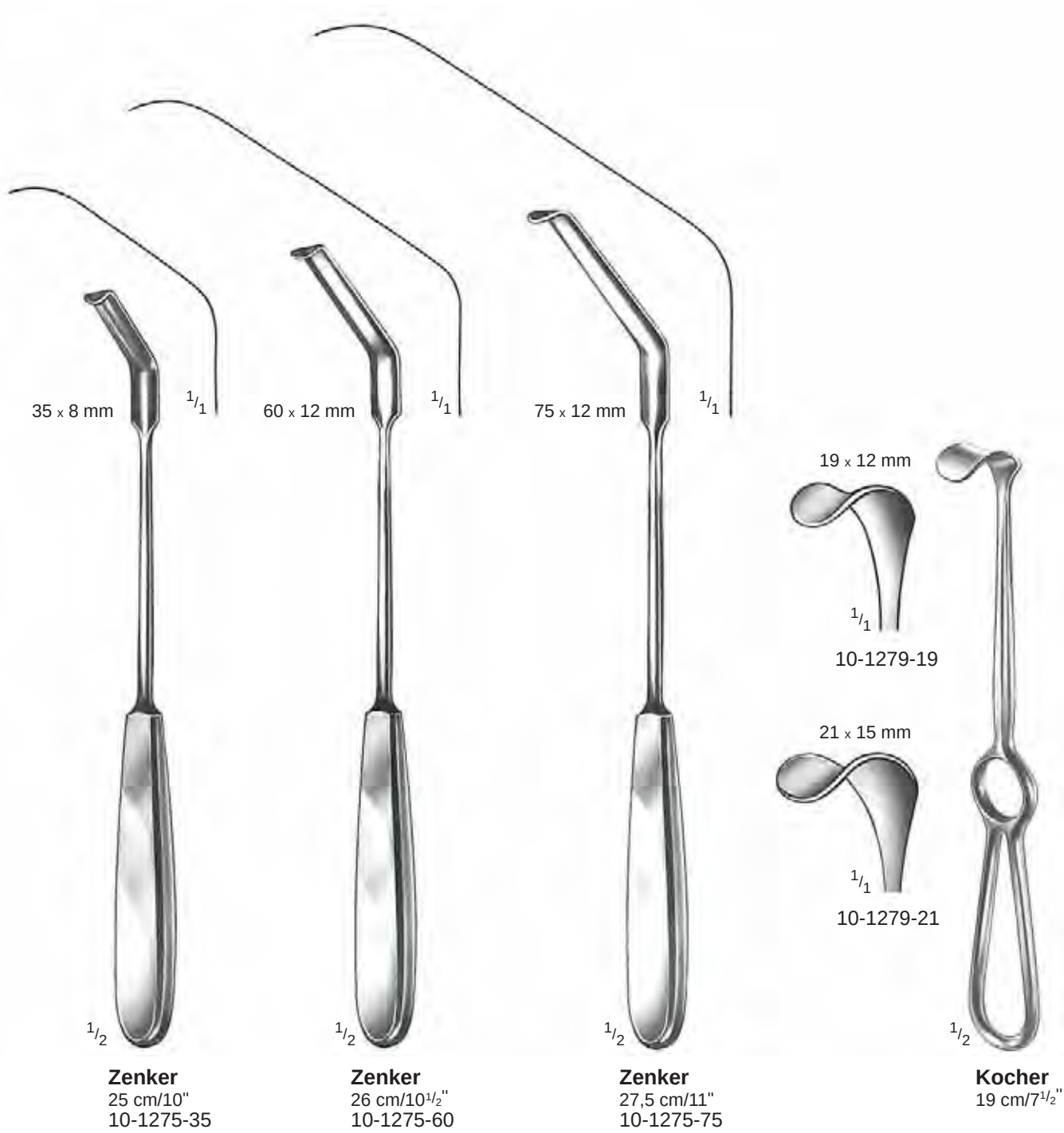
80 x 12 mm # 9
10-1261-09



80 x 16 mm # 10
10-1261-10



¹/₂
Kocher-Langenbeck
21,5 cm/8¹/₂"





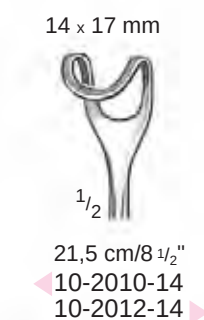
20 cm/8"
10-2002-20



Kocher
22 cm/8³/₄"
10-2006-10 = 40 x 10 mm
10-2006-15 = 40 x 15 mm
10-2006-20 = 40 x 20 mm



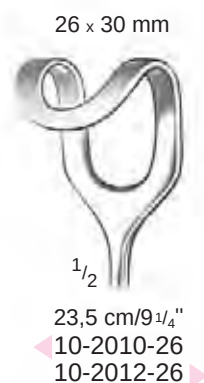
Middeldorpf
10-2010-##



21,5 cm/8¹/₂"
10-2010-14
10-2012-14



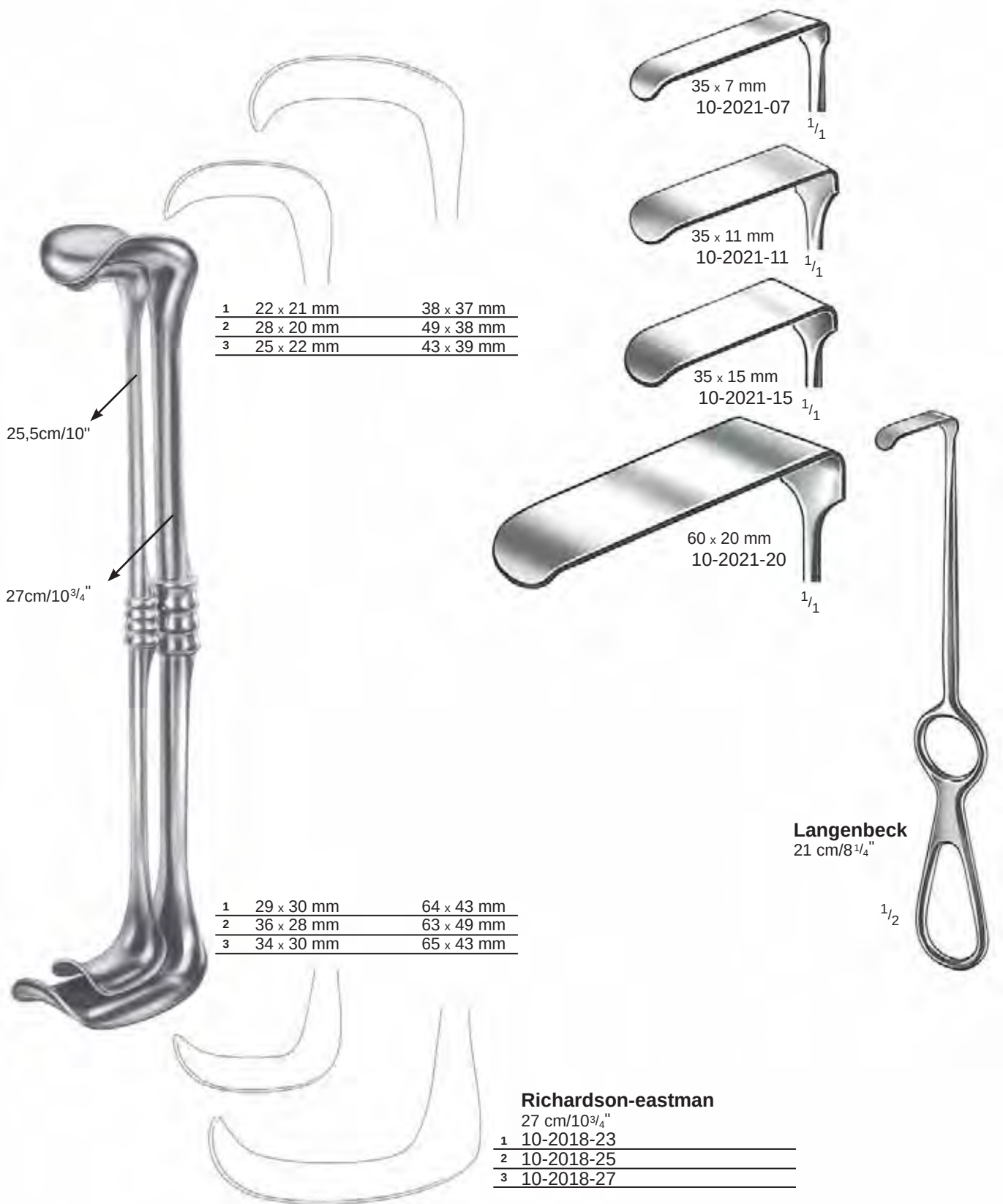
22 cm/8³/₄"
10-2010-20
10-2012-20



23,5 cm/9¹/₄"
10-2010-26
10-2012-26



Middeldorpf
10-2012-##





انواع اكارتور

Wund- und Meniskushaken

Wound and Knee Retractors

Separadores y separadores para rodilla

Ecarteurs et ecarteurs pour genou



38 x 9 mm

Kniewundhaken
Retractors for knee
Separadores para rodilla
Ecarteurs pour le genou

21cm/8¹/₄"
10-2031-38

¹/₂

40 x 5 mm



Blount
17,5cm/7"
10-2037-40

¹/₂



Schilddrüsenhaken . Thyroid Gland Retractors
Separadores para la glándula tiroidea . Ecarteurs pour la thyroïde

Green
22 cm/8³/₄"
10-2050-22

¹/₂



¹/₂

Richardson
24 cm/9¹/₂"

52 x 22 mm
10-2074-52



¹/₂

28 x 20 mm
10-2074-28
30 x 28 mm
10-2074-30
37 x 29 mm
10-2074-37
38 x 37 mm
10-2074-38
40 x 45 mm
10-2074-45



Richardson
24 cm/9¹/₂"

¹/₂



65 x 50 mm

Kelly
26 cm/10¹/₄"
10-2076-65

¹/₂



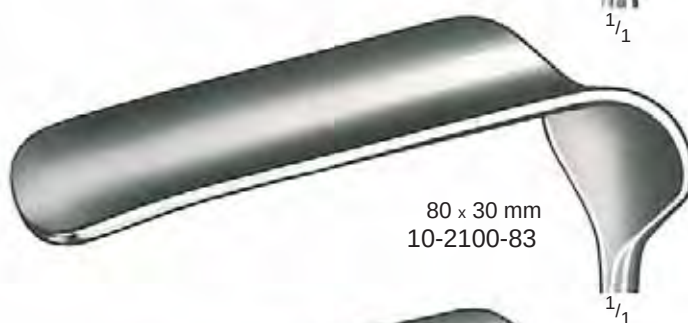
Hösel
25 cm/10"

$\frac{1}{2}$



60 x 20 mm
10-2100-62

$\frac{1}{1}$



80 x 30 mm
10-2100-83

$\frac{1}{1}$



100 x 30 mm
10-2101-03

$\frac{1}{1}$



120 x 30 mm
10-2101-23

$\frac{1}{1}$



140 x 30 mm
10-2101-43

$\frac{1}{1}$



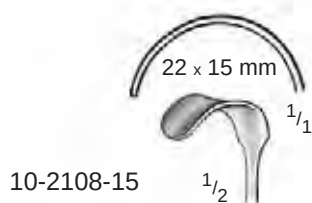
140 x 40 mm
10-2101-44

$\frac{1}{1}$



Kocher
28 cm/11"

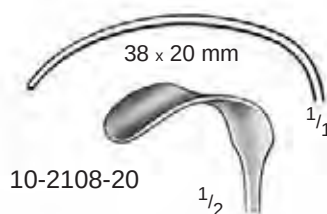
$\frac{1}{2}$



10-2108-15

$\frac{1}{2}$

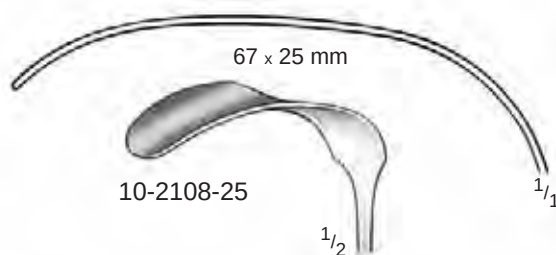
$\frac{1}{1}$



10-2108-20

$\frac{1}{2}$

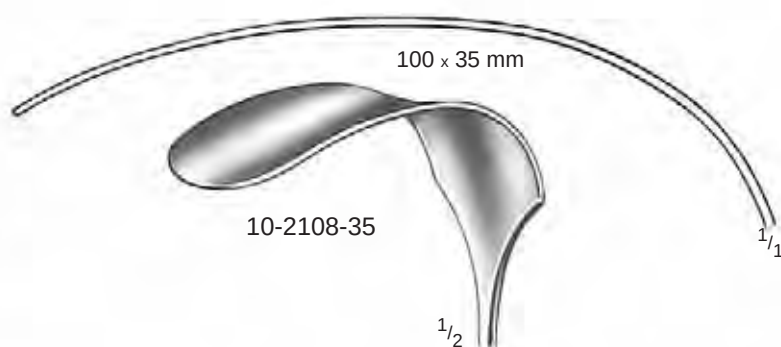
$\frac{1}{1}$



10-2108-25

$\frac{1}{2}$

$\frac{1}{1}$



10-2108-35

$\frac{1}{2}$

$\frac{1}{1}$

انواع اكارتور

Wundhaken und Lungenspatel

Retractors and Lung Spatulas

Separadores y espátulas pulmonares

Ecarteurs et valves á poumon



10
A



64 x 60 mm

$\frac{1}{2}$

Tuffier

23 cm/9"

10-2223-64



$\frac{1}{2}$

Fig.1 127 x 40 mm

Fig.2 127 x 62 mm

$\frac{1}{2}$

Harrington

32 cm/12 $\frac{1}{2}$ "

10-2232-40 Fig.1 127 x 40 mm

10-2232-62 Fig.1 127 x 62 mm



انواع اڪارٽور ڊيور

Wundhaken und Lungenspatel

Retractors and Lung Spatulas

Separadores y espátulas pulmonares

Ecarteurs et valves à poumon



Deaver
Fig. 000
18 cm/7"
10-2240-01

Deaver
00
21,5 cm/8½"
10-2240-02

Deaver
0
23 cm/9"
10-2240-03

Deaver
1
30 cm/12"
10-2240-04

Deaver
2
33 cm/13"
10-2240-05

Deaver
2½
36 cm/14"
10-2240-06

انواع اکارتور دیور

Wundhaken und Lungenspatel

Retractors and Lung Spatulas

Separadores y espátulas pulmonares

Ecarteurs et valves à poumon



10
A



$\frac{1}{2}$

Deaver
Fig.3
30 cm/12"
10-2240-07



$\frac{1}{2}$

Deaver
4
30 cm/12"
10-2240-08



$\frac{1}{2}$

Deaver
5
30 cm/12"
10-2240-09

10
A

Univer

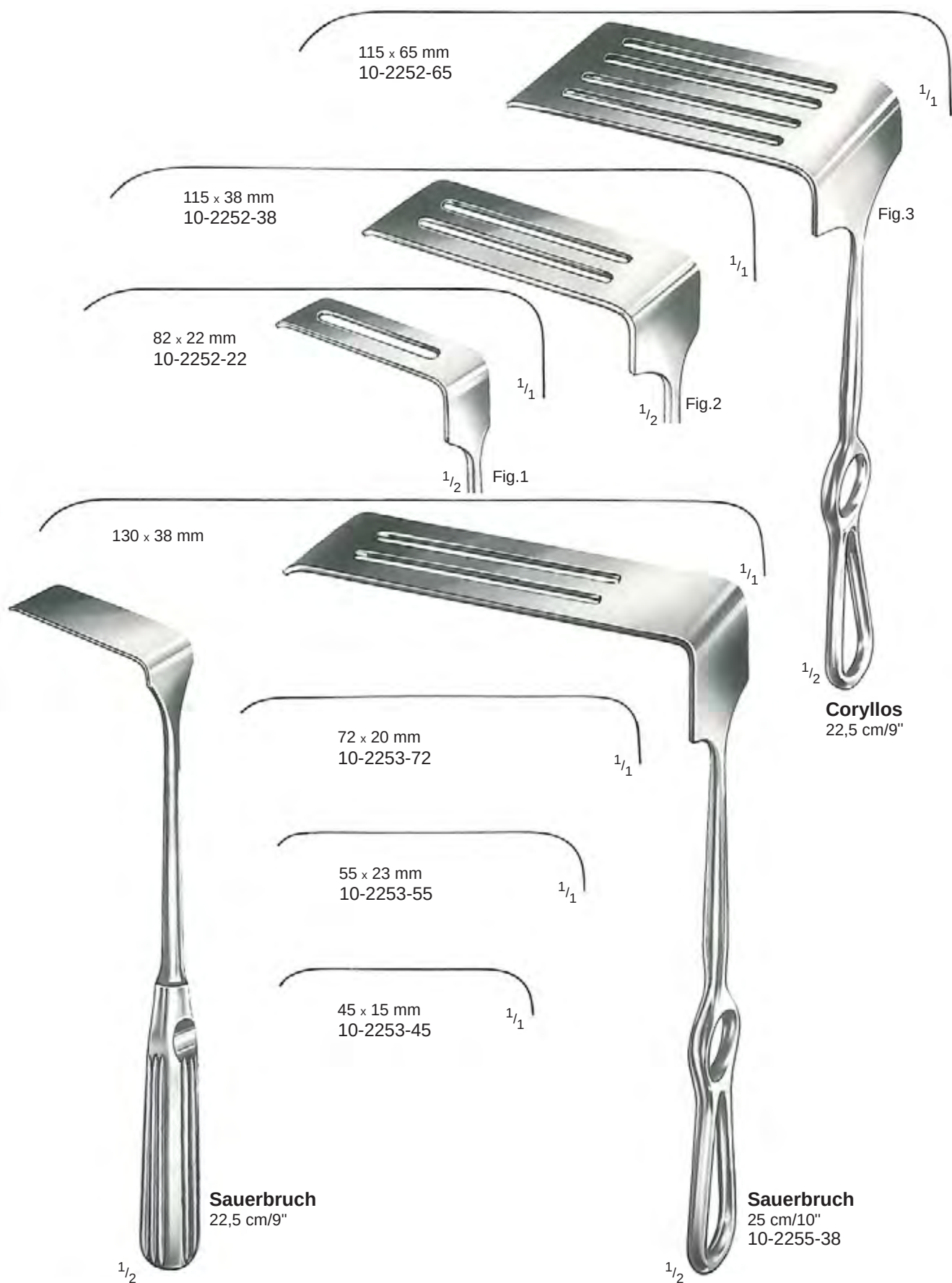
انواع اكارتور

Wundhaken und Lungenspatel

Retractors and Lung Spatulas

Separadores y espátulas pulmonares

Ecarteurs et valves à poumon



انواع اکارتور شکمی و واژینال

Wundhaken, Scheidenhalter

Abdominal and Vaginal Retractors

Separadores abdominales y vaginales

Ecarteurs abdominaux et vaginaux



10
A

115 x 27 mm
115 x 22 mm

105 x 27 mm

95 x 20 mm

$\frac{1}{1}$

$\frac{1}{1}$

$\frac{1}{1}$

$\frac{1}{2}$

Simon

28 cm/11"

10-2268-22 = 115 x 22 mm

10-2268-27 = 115 x 27 mm

$\frac{1}{2}$

Martin

26 cm/10 $\frac{3}{4}$ "

10-2266-27 = 105 x 27 mm

Modell Tübingen

28 cm/11"

10-2258-95 = 95 x 20 mm

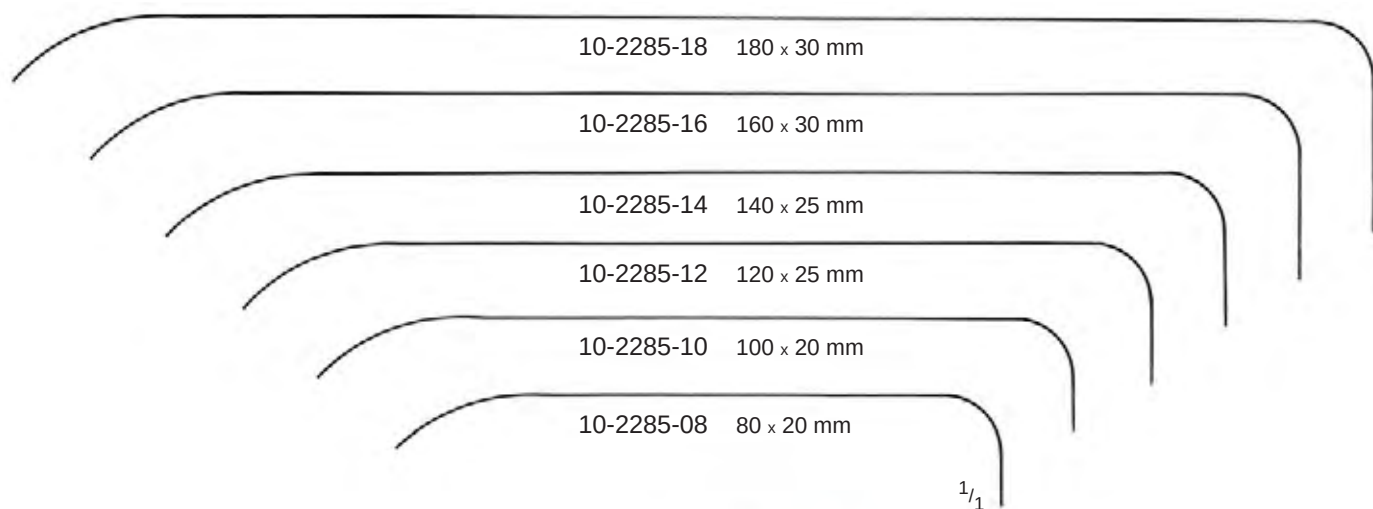
$\frac{1}{2}$

10
A



انواع اکارتور (برونر)

Wundhaken
Retractors
Separadores
Ecarteurs



Brunner
24 cm/9 $\frac{1}{2}$ "
10-2274-25



Brunner
25 cm/10"

10-2286-18 180 x 30 mm

10-2286-16 160 x 30 mm

10-2286-14 140 x 30 mm

10-2286-13 130 x 30 mm

10-2286-12 120 x 25 mm

10-2286-10 100 x 25 mm

10-2286-08 80 x 20 mm



$\frac{1}{2}$

Brunner
25 cm/10"



انواع اکارتور (شکمی)

Wund- und Bauchdeckenaken

Abdominal Retractors and Spatulas

Separadores abdominales y Espátulas

Ecarteurs à paroi abdominale



انواع اڪارتور شڪمي (مثانه)

Wund- und Bauchdeckenhooken

Abdominal Retractors and Spatulas

Separadores abdominales y Espátulas

Ecarteurs à paroi abdominale



Univer

10
A



10
A



انواع اكارتور شكمی

Wund- und Bauchdeckenhooken
Abdominal Retractors and Spatulas
Separadores abdominales y Espátulas
Ecarteurs à paroi abdominale



$\frac{1}{2}$

Mikulicz
26 cm/10 $\frac{1}{4}$ "
10-2360-85

$\frac{1}{2}$

Mikulicz
26 cm/10 $\frac{1}{4}$ "
10-2361-20 = 120 x 50 mm
10-2361-55 = 155 x 50 mm

انواع اکارتور شکمی

Wund- und Bauchdeckenhaken
Abdominal Retractors and Spatulas
Separadores abdominales y Espátulas
Ecarteurs à paroi abdominale



10
A



1/2

Mikulicz
26 cm/10 3/4"
10-2366-90

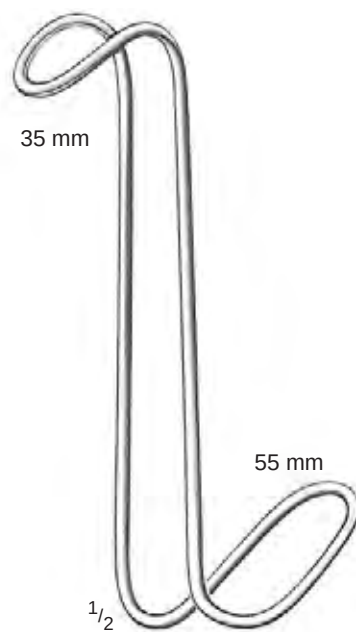
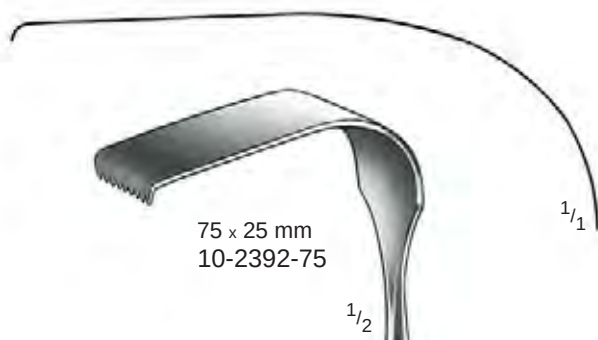
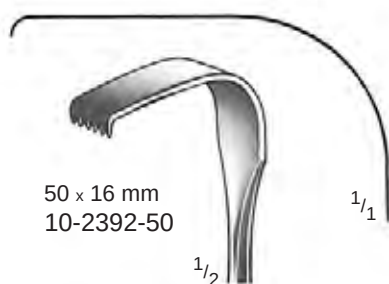
1/2

Kelly
27 cm/10 1/2"

10-2371-63 = 160 x 38 mm
10-2371-65 = 160 x 57 mm
10-2371-93 = 190 x 38 mm
10-2371-95 = 190 x 57 mm



انواع اكارتور
Wundhaken
Retractors
Separadores
Ecarteurs



Collin-Hartmann
16 cm/6 $\frac{1}{4}$ "
10-2395-16



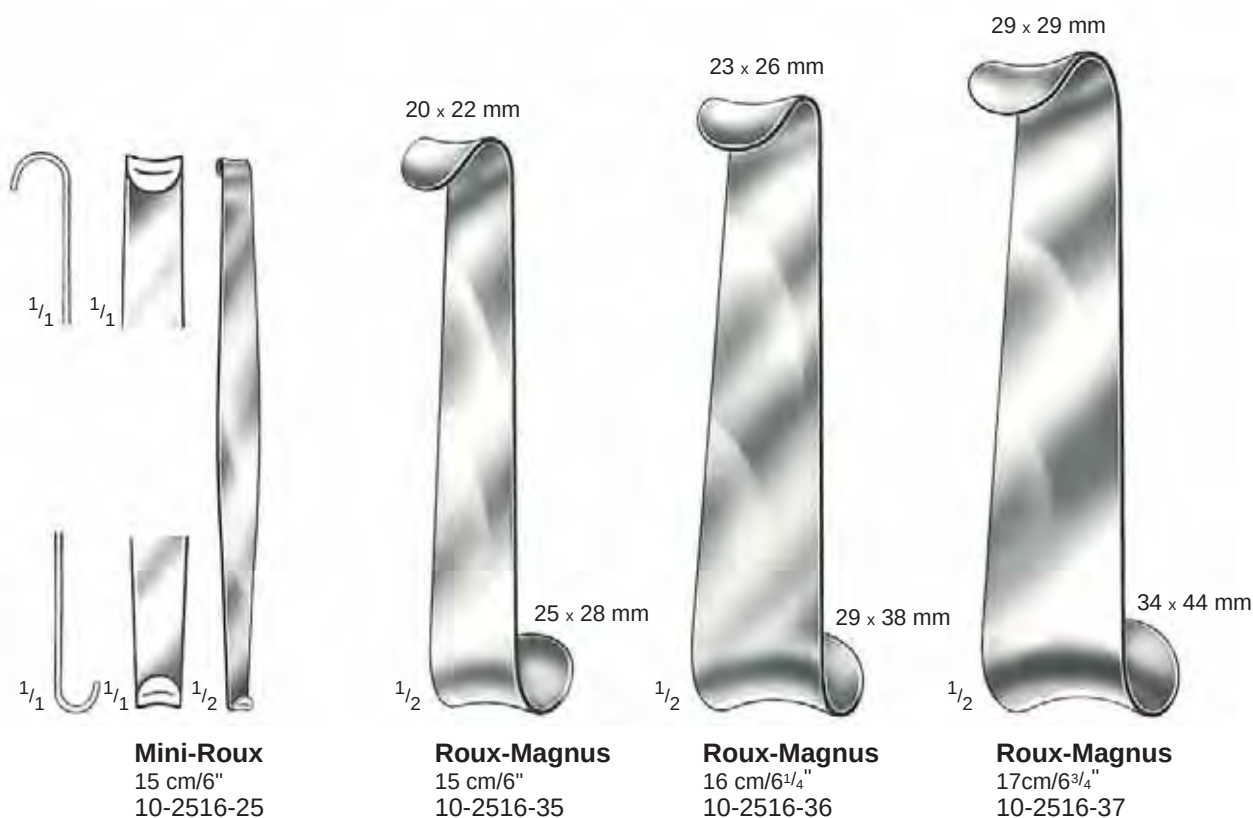
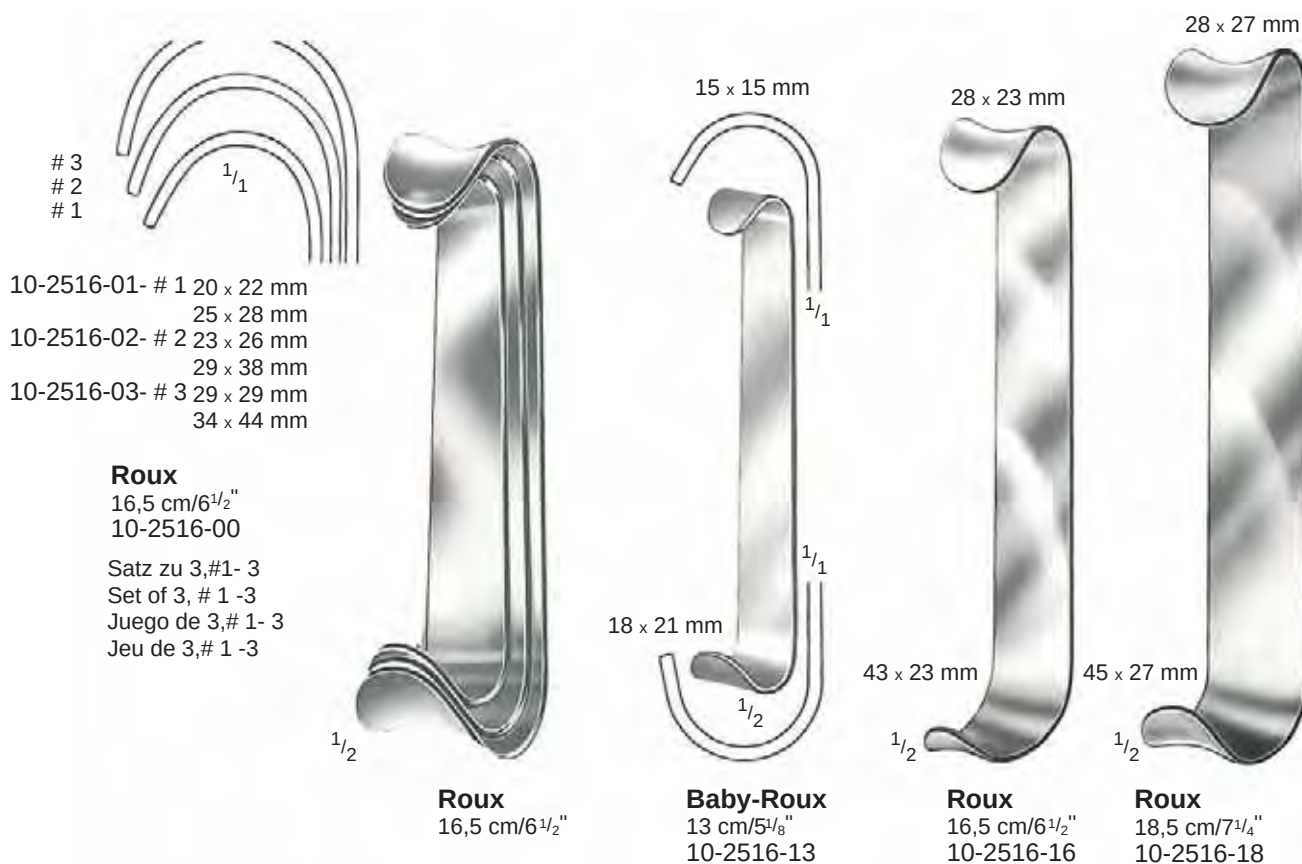
Goelet
19 cm/7 $\frac{1}{2}$ "
10-2500-19

انواع اکارتور (روکس)

Wundhaken
Retractors
Separadores
Ecarteurs



10
A





انواع اڪارتور (پارڪر - فارابوف)

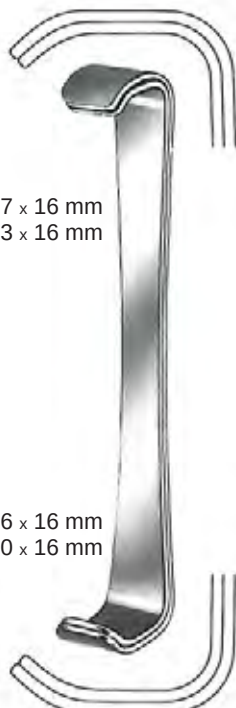
Wundhaken
Retractors
Separadores
Ecarteurs



26 x 10 mm
23 x 10 mm

20 x 12 mm
28 x 12 mm

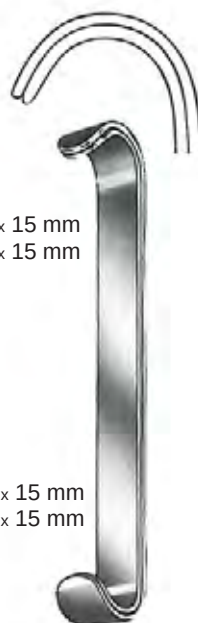
Farabeuf
Satz-Set
Juego-Jeu
13 cm/5 1/8"
10-2543-00



27 x 16 mm
23 x 16 mm

26 x 16 mm
30 x 16 mm

Farabeuf
Satz-Set
Juego-Jeu
15 cm/6"
10-2545-00



22 x 15 mm
19 x 15 mm

19 x 15 mm
22 x 15 mm

Parker
Satz-Set
Juego-Jeu
13,5 cm/5 1/8"
10-2563-00



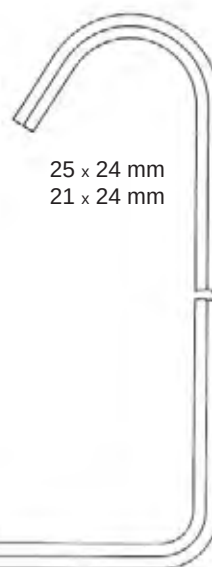
27 x 25 mm
24 x 25 mm

26 x 25 mm
29 x 25 mm

Parker
Satz-Set
Juego-Jeu
18 cm/7"
10-2568-00

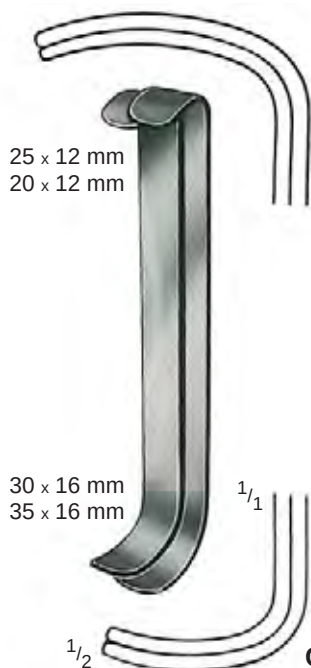


Parker-Mott
16 cm/6 1/4"
10-2556-00
Satz-Set
Juego-Jeu



25 x 24 mm
21 x 24 mm

68 x 24 mm
74 x 24 mm



Collin
Satz-Set
Juego-Jeu
16,5 cm/6 $\frac{1}{2}$ "
10-2576-00



Mayo-Collins
Satz-Set
Juego-Jeu
15 cm/6"
10-2585-00



Mathieu
Satz-Set
Juego-Jeu
19 cm/7 $\frac{1}{2}$ "
10-2589-00

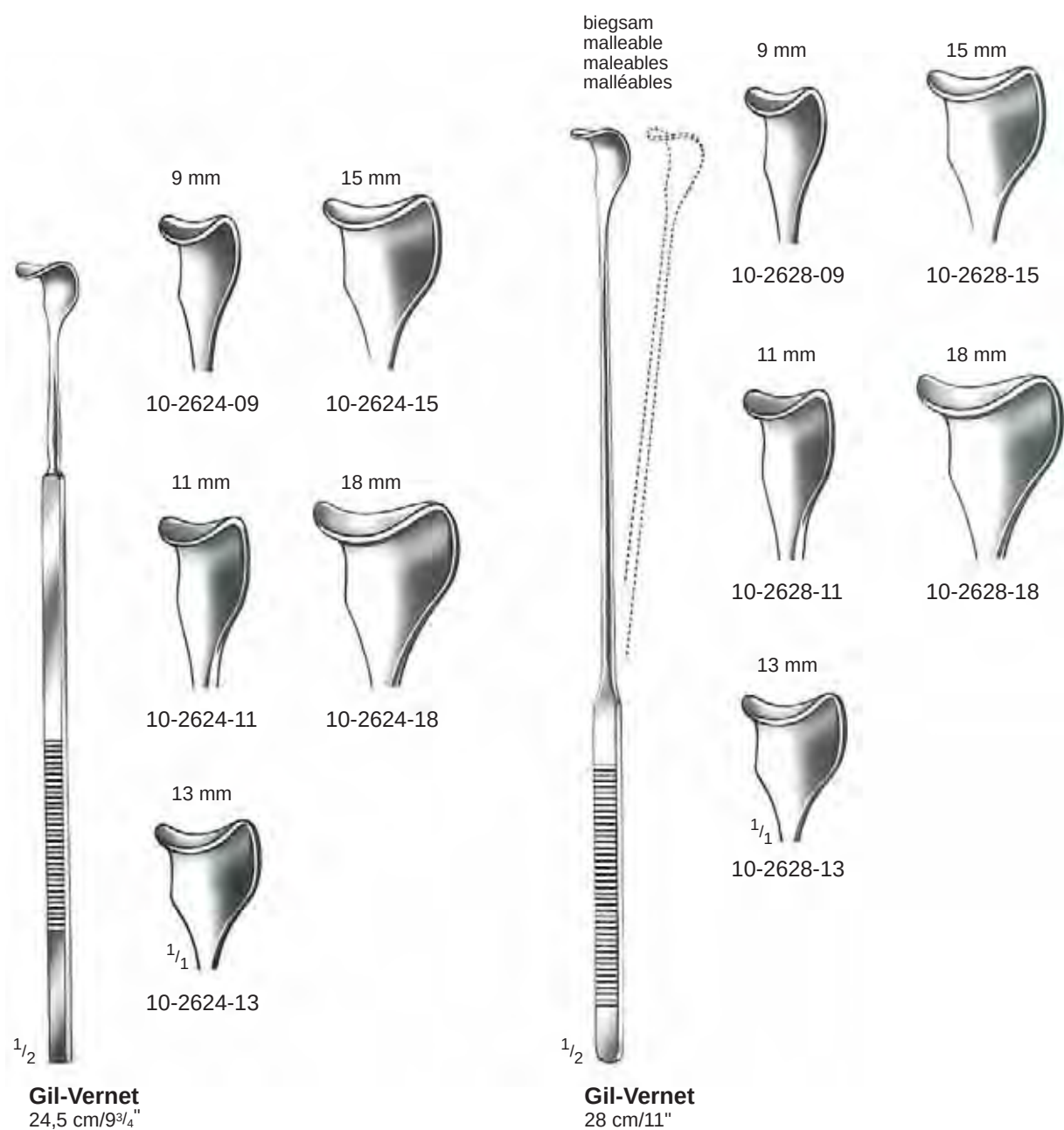


**Parker-Langenbeck
(US Army)**
Satz-Set
Juego-Jeu
21 cm/8 $\frac{1}{4}$ "
10-2591-00

10
A



انواع اکارتور
Wundhaken für Nierenkanal
Renal Sinus Retractors
Separadores
Ecarteurs pour canal urinaire



اکارتور شکمی و روده

Bauch- und Darmspatel

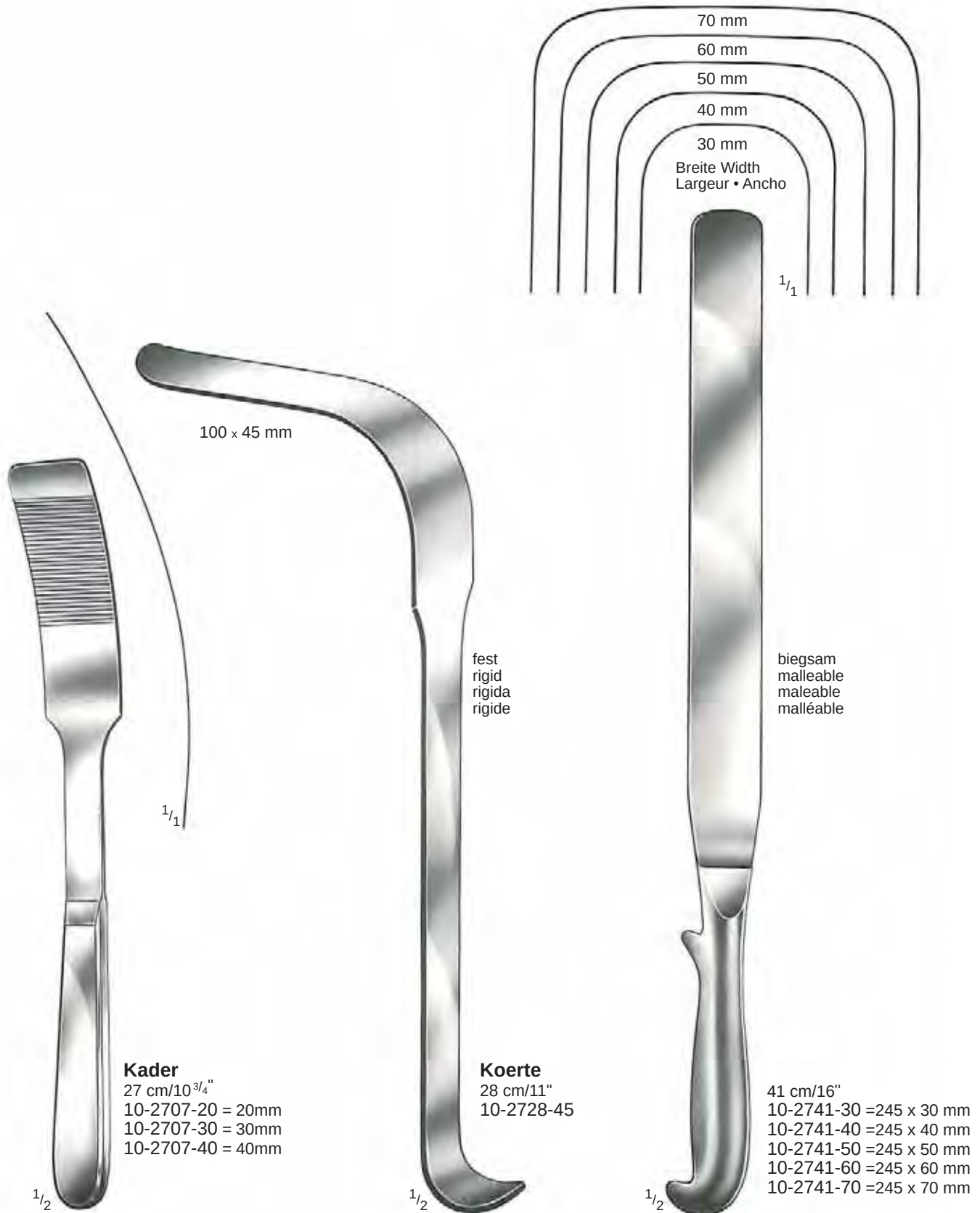
Abdominal- and Intestinal Spatulas

Espátulas abdominales y espátulas intestinales

Ecarteurs intra-abdominaux - Ecarteurs à intestin



10
A





انواع اکارتور شکمی و روده

Bauch- und Darmspatel

Abdominal- and Intestinal Spatulas

Espátulas abdominales y espátulas intestinales

Ecarteurs intra-abdominaux - Ecarteurs à intestin



انواع اسپاچولا شکمی و روده

Bauch- und Darmspatel

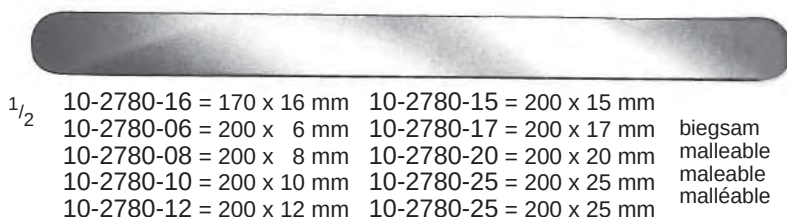
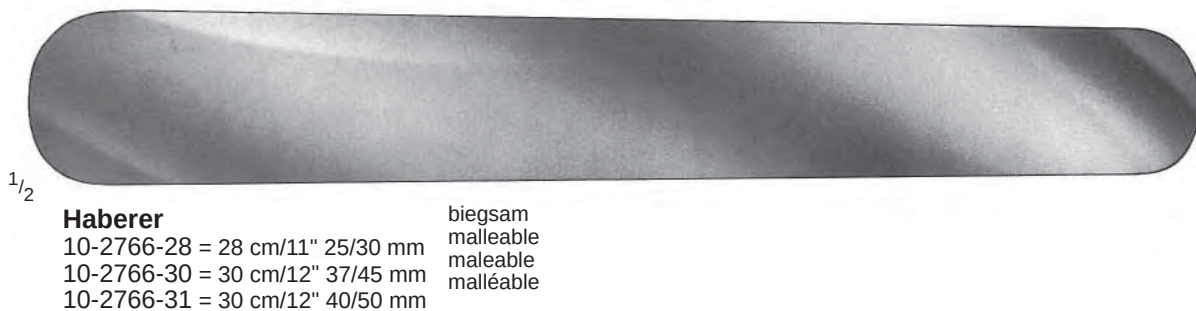
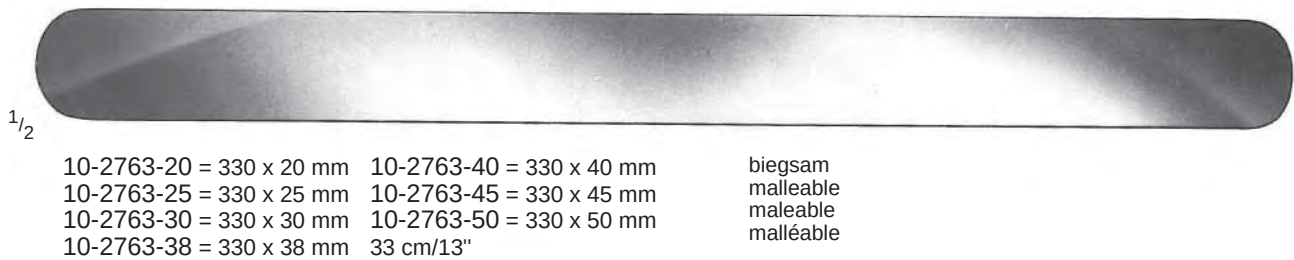
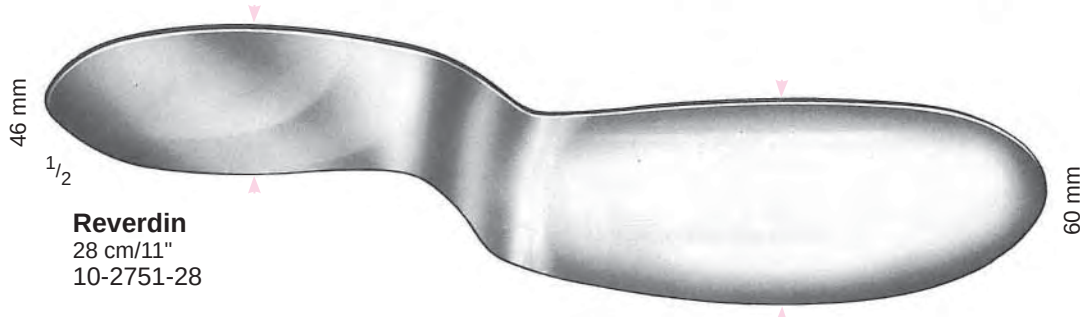
Abdominal- and Intestinal Spatulas

Espátulas abdominales y espátulas intestinales

Ecarteurs intra-abdominaux - Ecarteurs à intestin



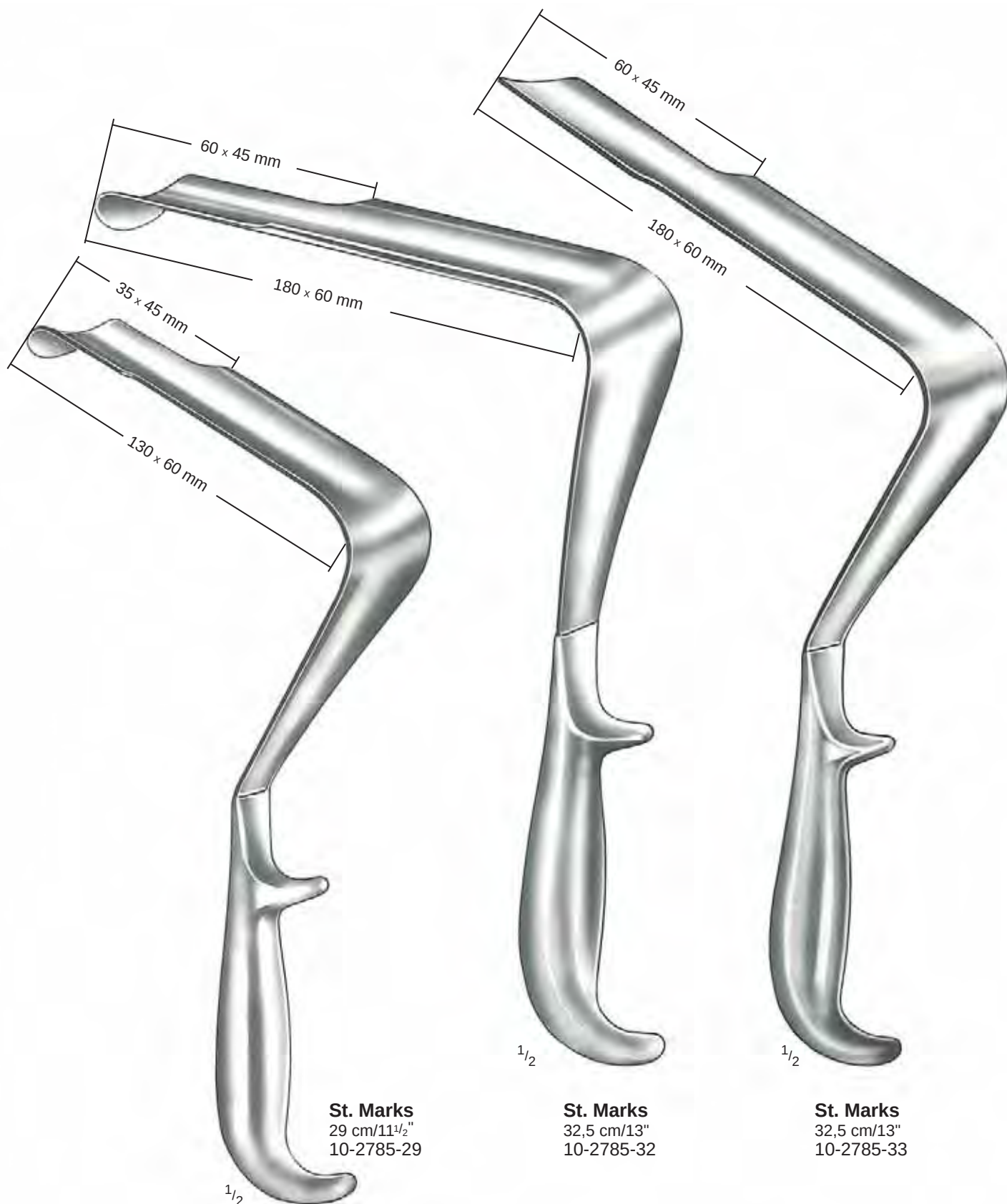
10
A



10
A



اکارتور لگن
Pelvishaken
Pelvis Retractors
Pelvis separadores
Ecarteurs pelviens



انواع اکارتور مثانه

Blasenspatel

Bladder Retractors

Separadores vesicales

Ecarteurs à vessie



10
A



$\frac{1}{2}$

Legueu

27 cm/10 $\frac{1}{2}$ "

10-3210-27



$\frac{1}{2}$

Kocher

26 cm/10 $\frac{1}{4}$ "

10-3220-26



$\frac{1}{2}$

Kocher

26 cm/10 $\frac{1}{4}$ "

10-3230-26



اکارتور شکمی و واژینال

Wundhaken, Scheidenhalter

Abdominal and Vaginal Retractors

Separadores abdominales y vaginales

Ecarteurs abdominaux et vaginaux



leichtthohl
slightly-concave
ligeramento cóncavas
légèrement creux

Doyen
24 cm/9 1/2"

1/2

Fig.

1	10-3434-06	63x35 mm
2	10-3434-09	94x35 mm
3	10-3434-12	124x35 mm

1	10-3435-06	60x35 mm
2	10-3435-09	90x35 mm
3	10-3435-12	120x35 mm
4	10-3435-14	140x35 mm
5	10-3435-16	160x35 mm
6	10-3435-18	180x35 mm

1	10-3444-06	66x47 mm
2	10-3444-09	95x47 mm
3	10-3444-12	126x47 mm
4	10-3444-16	160x47 mm

1	10-3445-06	60x45 mm
2	10-3445-09	90x45 mm
3	10-3445-12	120x45 mm
4	10-3445-14	140x45 mm
5	10-3445-16	160x45 mm
6	10-3445-18	180x45 mm

1	10-3455-05	55x60 mm
2	10-3455-09	95x60 mm
3	10-3455-13	130x60 mm
4	10-3455-17	175x60 mm

1	10-3460-05	80x55 mm
2	10-3460-06	60x60 mm
3	10-3460-09	90x60 mm
4	10-3460-12	120x60 mm
5	10-3460-14	140x60 mm
6	10-3460-16	160x60 mm
7	10-3460-18	180x60 mm

10-B

Univer®



انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend

Self-retaining Retractors

Separadores autostáticos

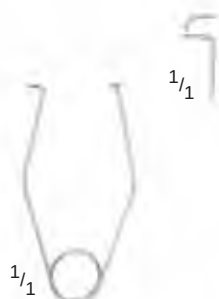
Ecarteurs autostatiques



Wundspreizer
Woundspreaders, Self-retaining
Separadores autostáticos
Ecarteurs autostatiques

اکارتور تراکستومی (تراشه)
Trachealhäkchen
Trachea Retractors
Separadores para la tráquea
Ecarteurs pour trachéotomie

Fettspreizer
für coronar-Eingriffe
 Fat spreaders
for coronary surgeries
 Separadores para grasa
para cirugía coronaria
 Ecarteurs pour graisse
pour intervention
coronaire



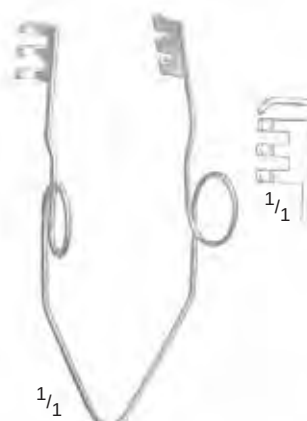
3 cm/1 1/4"
10-4540-03

Fettspreizer
für coronar-Eingriffe
 Fat spreaders
for coronary surgeries
 Separadores para grasa
para cirugía coronaria
 Ecarteurs pour graisse
pour intervention
coronaire



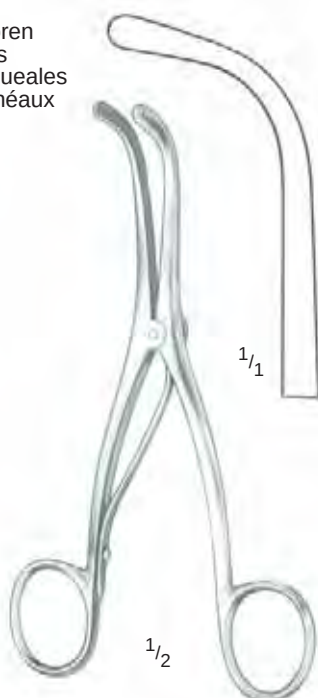
4 cm/1 1/2"
10-4550-04

Fettspreizer
für coronar-Eingriffe
 Fat spreaders
for coronary surgeries
 Separadores para grasa
para cirugía coronaria
 Ecarteurs pour graisse
pour intervention
coronaire



5,5 cm/2 1/4"
10-4555-05

Trachealdilatatoren
Tracheal dilators
Dilatadores traqueales
Dilatateurs trachéaux



Trousseau
 14 cm/5 1/2"
 10-5040-05



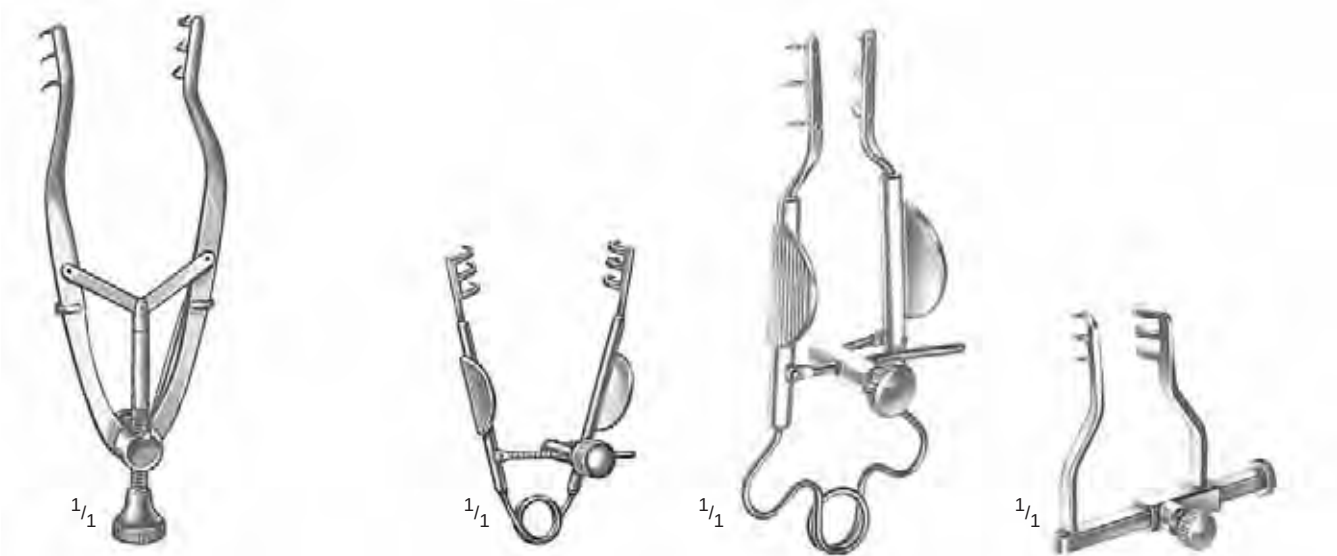
Laborde
 14 cm/5 1/2"
 10-5045-14

انواع اکارتور خودکار ظریف

Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques



Tränensack-Wundspreizer
 Lacrymal Sac Retractors
 Separadores para saco lacrimal
 Ecarteurs pour le sac lacrymal



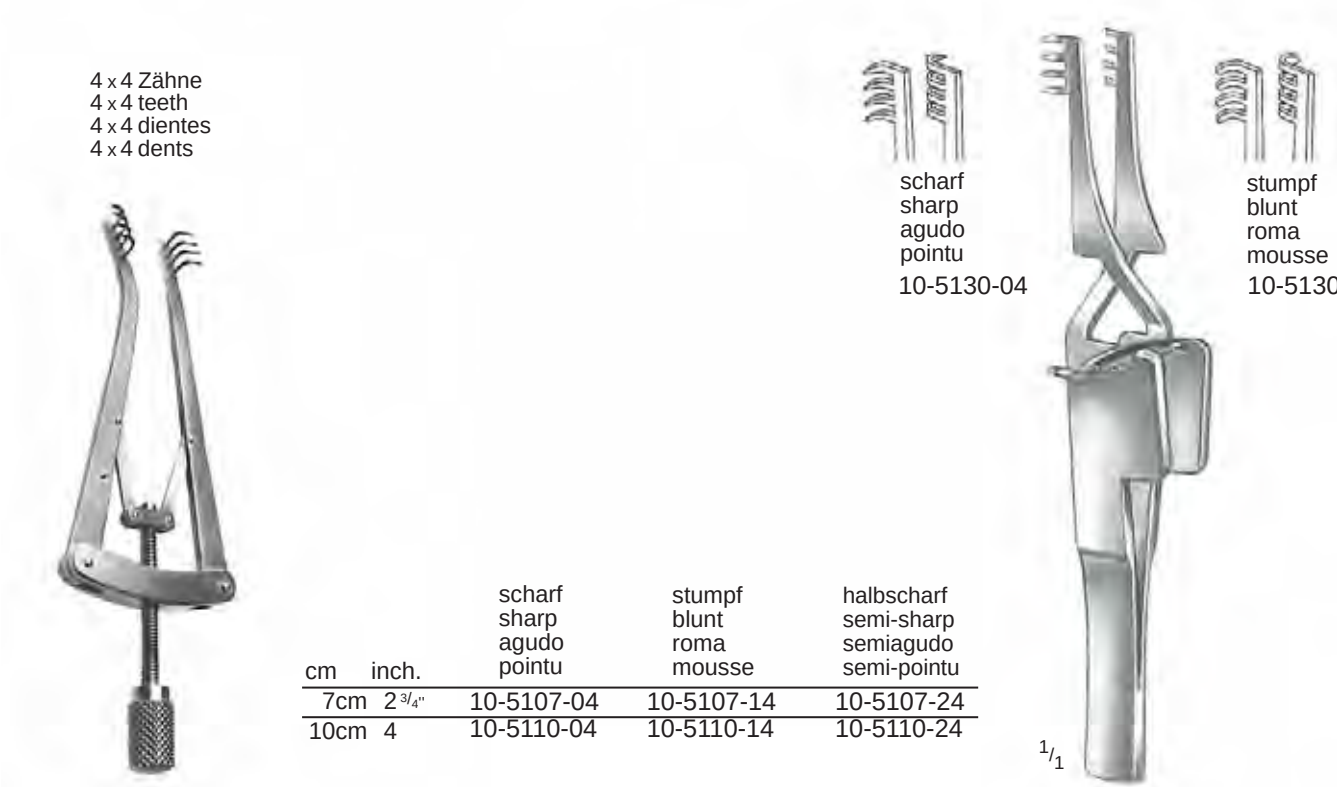
Stevenson
 7 cm/2 3/4"
 10-5050-07

Agricola
 4 cm/1 1/2"
 10-5054-04

Mueller
 7 cm/2 3/4"
 10-5056-07

Goldstein
 3 cm/1 1/4"
 10-5062-03

4 x 4 Zähne
 4 x 4 teeth
 4 x 4 dientes
 4 x 4 dents



scharf
 sharp
 agudo
 pointu
 10-5130-04

stumpf
 blunt
 roma
 mousse
 10-5130-14

cm	inch.	scharf sharp agudo pointu	stumpf blunt roma mousse	halbscharf semi-sharp semiagudo semi-pointu
7cm	2 3/4"	10-5107-04	10-5107-14	10-5107-24
10cm	4	10-5110-04	10-5110-14	10-5110-24

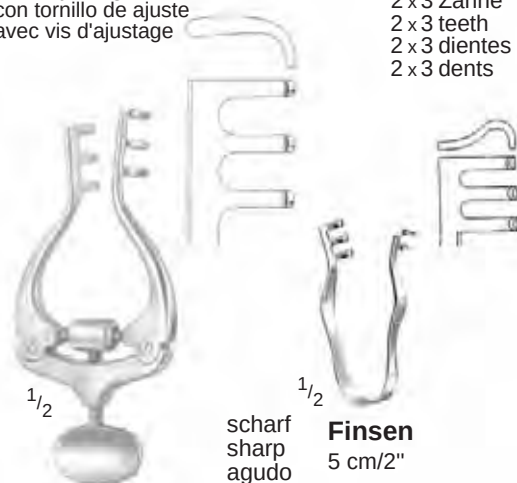
Alm

Kaupp
 (Holzheimer/Heiss)
 10 cm/4"

انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques

mit Stellschraube
with adjusting screw
con tornillo de ajuste
avec vis d'ajustage



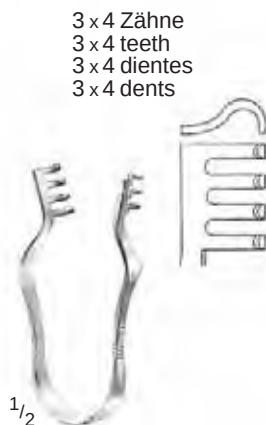
Jansen
10 cm/4"
10-5125-10

scharf
sharp
agudo
pointu
stumpf
blunt
roma
mousse

2 x 3 Zähne
2 x 3 teeth
2 x 3 dientes
2 x 3 dents

1/2

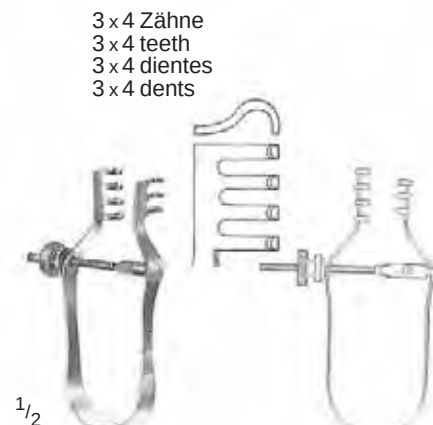
Finsen
5 cm/2"
10-5135-23
10-5135-43



Finsen
7 cm/2 3/4"
10-5137-34
10-5137-44

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

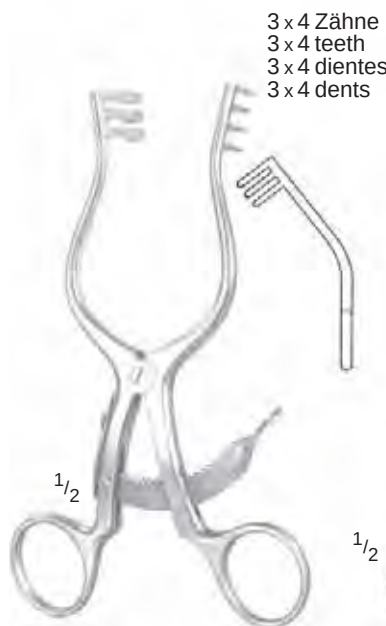
1/2



Finsen modif.
7 cm/2 3/4"
10-5137-74
10-5137-84

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

1/2



Scalp-Contour
13,5 cm/5 1/4"

scharf
sharp
agudo
pointu
10-5208-14
stumpf
blunt
roma
mousse
10-5209-14

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

1/2

2 x 3 Zähne
2 x 3 teeth
2 x 3 dientes
2 x 3 dents



Weitlaner

scharf
sharp
agudo
pointu
stumpf
blunt
roma
mousse

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

1/2



Weitlaner

scharf
sharp
agudo
pointu
stumpf
blunt
roma
mousse



Weitlaner

scharf
sharp
agudo
pointu
scharf/gebogen
sharp/curved
agudo/curvas
pointu/courbes
stumpf
blunt
roma
mousse

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

cm inch.

10,5 4 1/4 10-5211-23 10-5211-43

13 5

10-5213-34 10-5213-44

16,5 6 1/2

10-5216-34 10-5316-34 10-5216-44

20 8

10-5220-34 10-5320-34 10-5220-44

انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend

Self-retaining Retractors

Separadores autostáticos

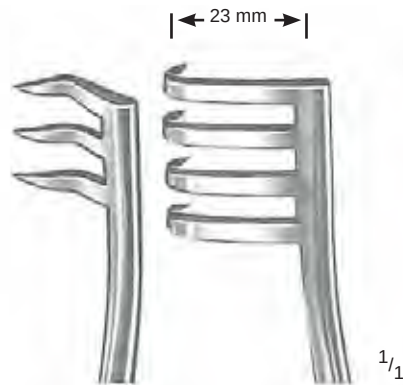
Ecarteurs autostatiques



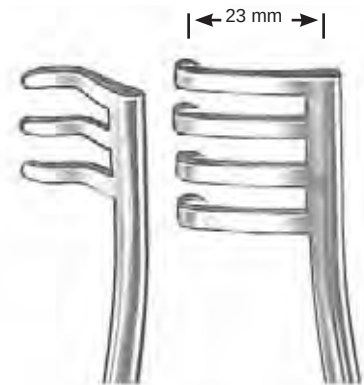
10
B

3 x 4 Zähne, scharf
3 x 4 teeth, sharp
3 x 4 dientes, agudos
3 x 4 dents, pointus

3 x 4 Zähne, stumpf
3 x 4 teeth, blunt
3 x 4 dientes, romos
3 x 4 dents, mousues



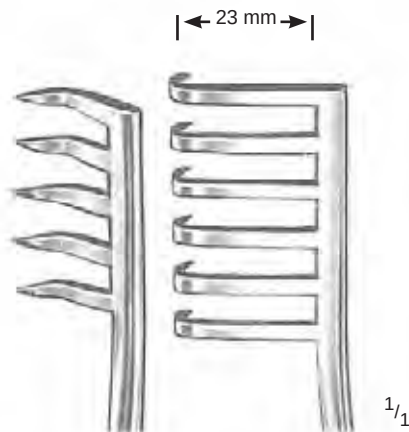
10-5224-34



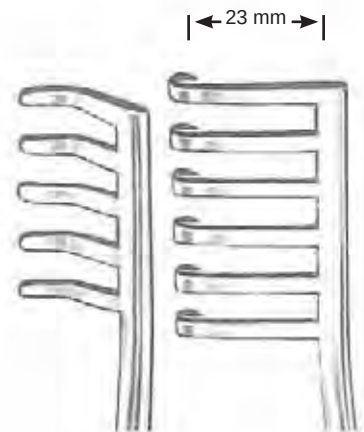
10-5224-44

5 x 6 Zähne, scharf
5 x 6 teeth, sharp
5 x 6 dientes, agudos
5 x 6 dents, pointus

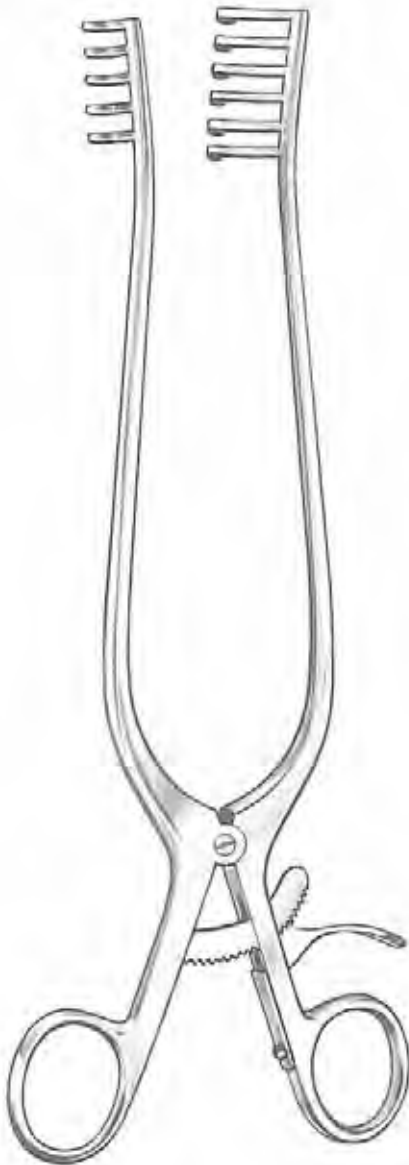
5 x 6 Zähne, stumpf
5 x 6 teeth, blunt
5 x 6 dientes, romos
5 x 6 dents, mousues



10-5224-56



10-5224-76



Weitlaner

24 cm/9 1/2"



انواع اکارتور چنگکی خودکار (تاشو)
Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques

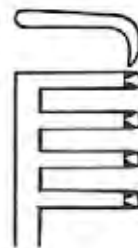
scharf
sharp
agudo
pointu

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

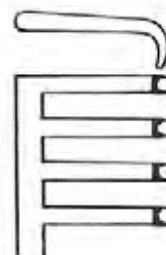
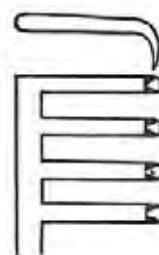
stumpf
blunt
roma
mousse



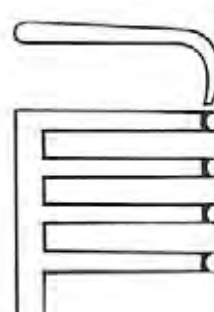
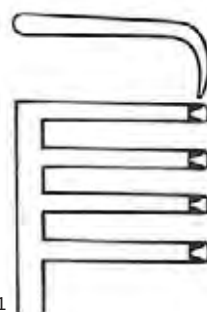
10-5263-34 **Adson-Baby (Cone)** 10-5263-44
(Beckmann-Weitlaner)
 13 cm/5"



10-5266-34 **Adson-Baby (Cone)** 10-5266-44
(Beckmann-Weitlaner)
 16 cm/6 1/2"

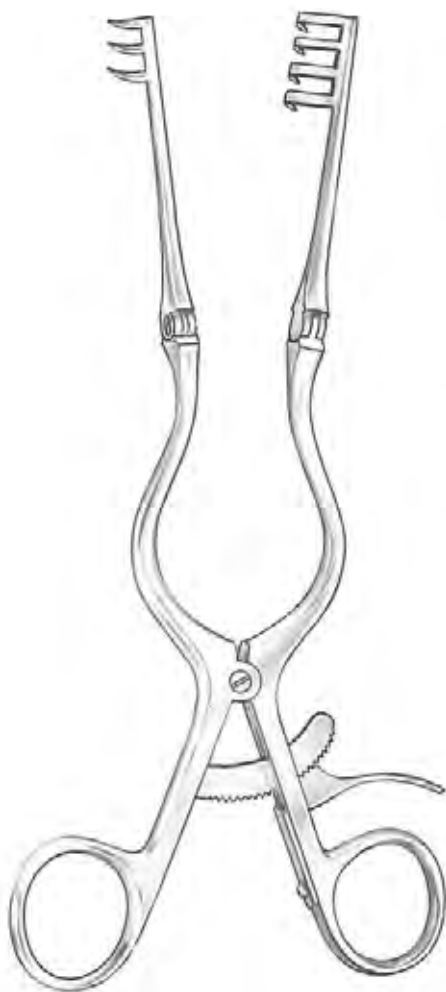


10-5270-34 **Adson-Baby (Cone)** 10-5270-44
(Beckmann-Weitlaner)
 20 cm/8"



10-5274-34 **Adson**
 24 cm/9 1/2"

10-5274-44



انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend

Self-retaining Retractors

Separadores autostáticos

Ecarteurs autostatiques



10
B

4 x 4 Zähne scharf
4 x 4 teeth sharp
4 x 4 dientes agudos
4 x 4 dents pointus



Jansen

10 cm/4"

10-5310-11

4 x 4 Zähne stumpf
4 x 4 teeth blunt
4 x 4 dientes romas
4 x 4 dents mousses



Jansen

10 cm/4"

10-5311-11

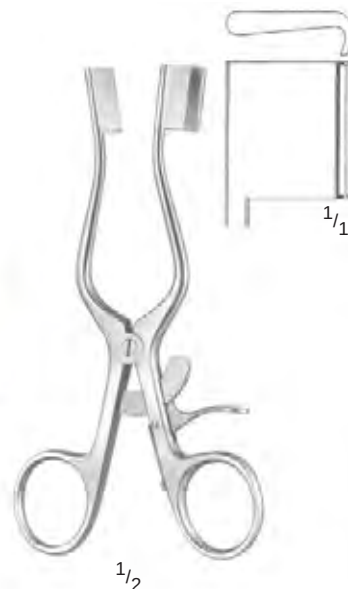
3 x 3 Zähne
3 x 3 teeth
3 x 3 dientes
3 x 3 dents



Jansen

10,5 cm/4 1/4"

stumpf blunt romas mousses
scharf sharp agudos pointu
10-5313-11 10-5312-11



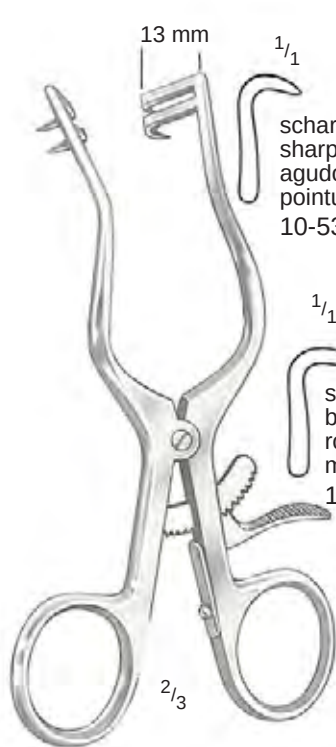
Weitlaner-Baby

13,5 cm/5 1/4"

10-5350-13

13 mm 1/1

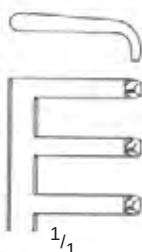
scharf sharp agudos pointus
10-5363-22



Plester

13 cm/5"

stumpf blunt romas mousses



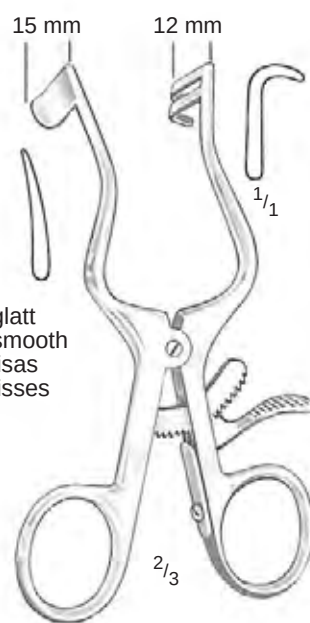
Milligan

13,5 cm/5 1/4"

10-5365-13

stumpf blunt romas mousses

glatt smooth lisas lisses



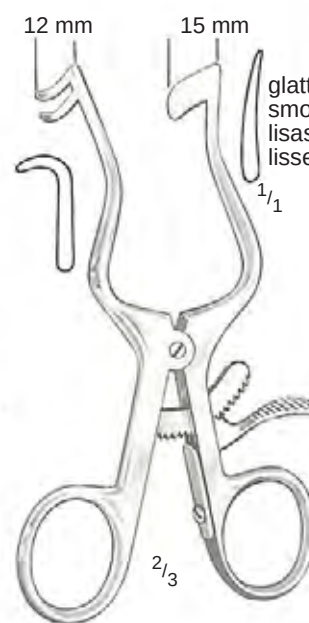
Plester

11 cm/4 1/4"

10-5371-02

stumpf blunt romas mousses

glatt smooth lisas lisses



Plester

11 cm/4 1/4"

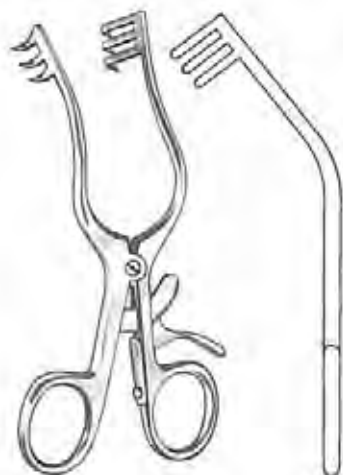
10-5371-01



انواع اکارتور چنگکی خودکار
Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques

انواع اکارتور چنگکی خودکار (لامینکتومی)
Laminektomie-Wundspreizer, selbsthaltend
Self-retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie

scharf
sharp
agudos
pointus



10-5383-11
10-5383-13

Wullstein
11,5 cm/4½"
13 cm/5"

stumpf
blunt
romas
mousses



10-5384-11
10-5384-13

stumpf
blunt
romas
mousses



Perkins
13 cm/5"
10-5553-01

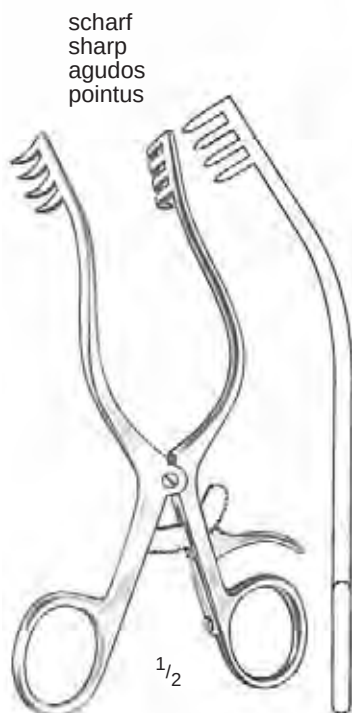
stumpf
blunt
romas
mousses



Perkins
13 cm/5"
10-5553-02

Laminektomie-Wundspreizer, selbsthaltend
Self-retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour Laminectomie

scharf
sharp
agudos
pointus



Mollison
15 cm/6"
10-5556-44

stumpf
blunt
romas
mousses



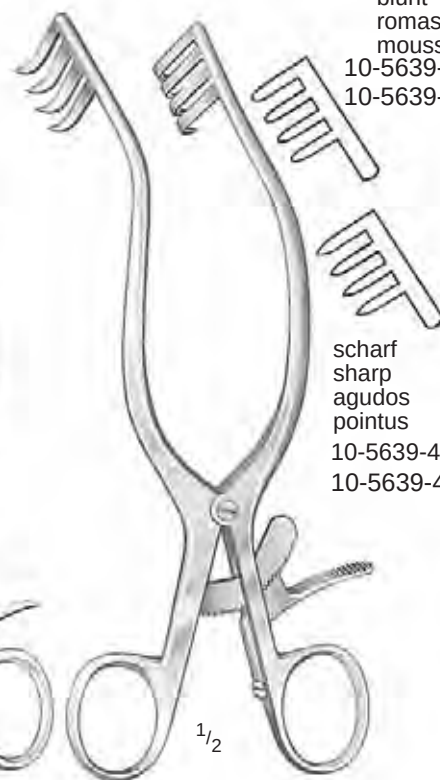
10-5620-44

Adson
19 cm/7½"



10-5620-84

stumpf
blunt
romas
mousses
10-5639-84
10-5639-88 #



Anderson-Adson
19,5 cm/7¾"
25 cm/9¾" #

scharf
sharp
agudos
pointus
10-5639-44
10-5639-48 #

انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend

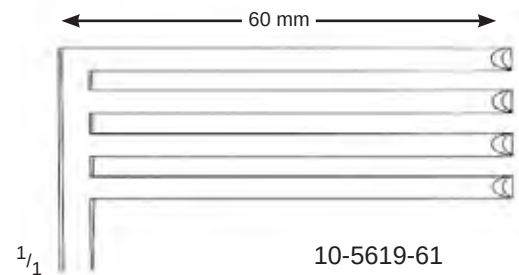
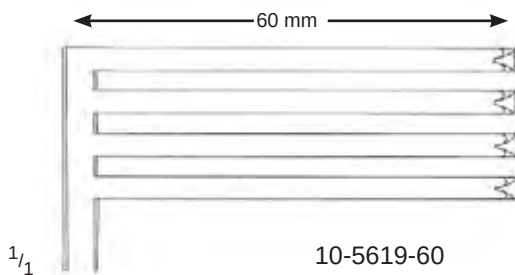
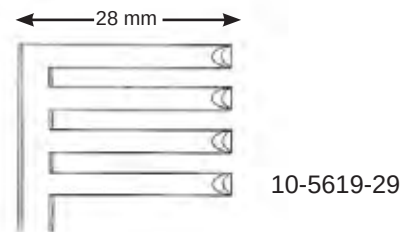
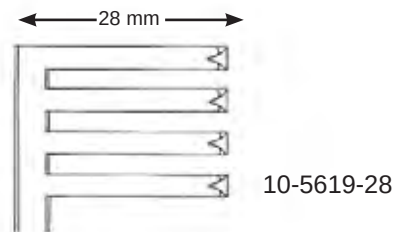
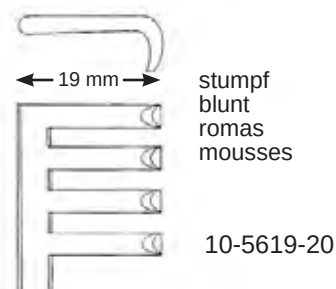
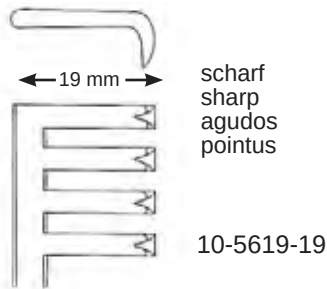
Self-retaining Retractors

Separadores autostáticos

Ecarteurs autostatiques



10
B



3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents



Henly

16,5 cm/6 $\frac{1}{2}$ "



16 mm x 19 mm
 $\frac{5}{8}$ " x $\frac{3}{4}$ "
10-5619-69



16 mm x 25 mm
 $\frac{5}{8}$ " x 1"
10-5619-75



16 mm x 32 mm
 $\frac{5}{8}$ " x 1 $\frac{1}{4}$ "
10-5619-82

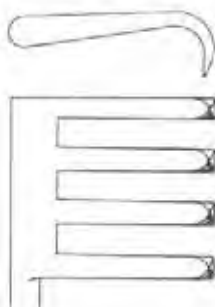
Jeder Sperrer kpl. mit je 1 Mittelvalve
Any Henly Spreader cpl. with 1 ea center blade
c. u. separador Henly cpl. con 1 de c. u. valva central
chaque écarteur cpl. avec 3 valves centrales (1 de chaque dimension)



انواع اکارتور چنگکی خودکار
Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques



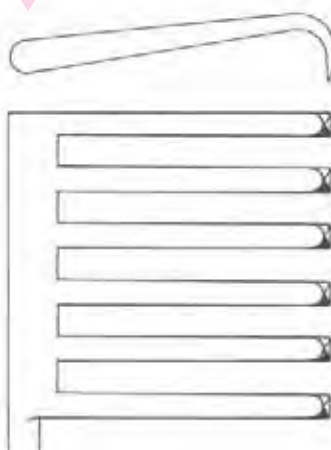
Adson



26 cm/10 1/4"
10-5626-26

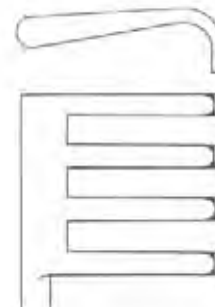
3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

▲ scharf
sharp
agudos
pointus
▼



29 cm/11 1/2"
10-5628-29

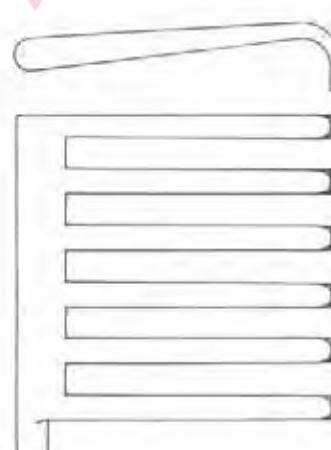
6 x 6 Zähne
6 x 6 teeth
6 x 6 dientes
6 x 6 dents



26 cm/10 1/4"
10-5627-26

3 x 4 Zähne
3 x 4 teeth
3 x 4 dientes
3 x 4 dents

▲ stumpf
blunt
romas
mousses
▼



29 cm/11 1/2"
10-5629-29

6 x 6 Zähne
6 x 6 teeth
6 x 6 dientes
6 x 6 dents

اکارتور چنگکی خودکار (لامینکتومی)

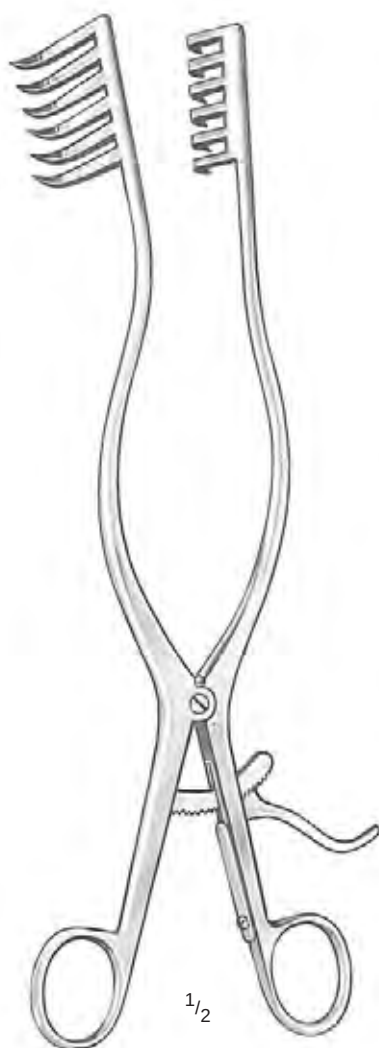
Laminektomie-Wundspreizer, selbsthaltend
Self-retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie



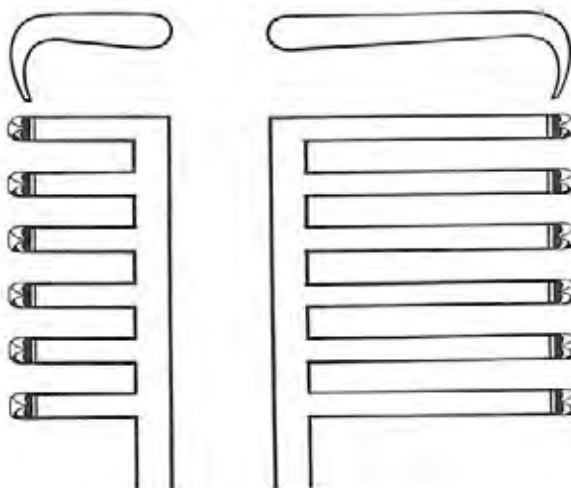
10
B

Hemilaminektomiespreizer
Hemilaminectomy Retractors
Separadores para hemilaminectomia
Ecarteurs pour hémilaminectomie

6 x 6 Zähne, scharf
6 x 6 teeth, sharp
6 x 6 dientes, agudos
6 x 6 dents, pointus

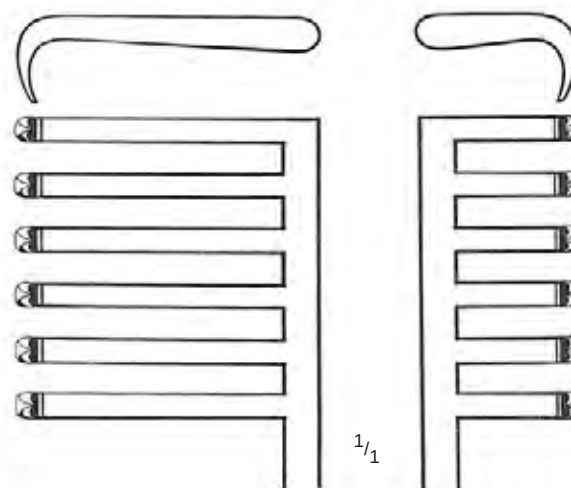


Adson
27 cm/10 3/4"



10-5667-01

scharf, lange Zähne rechts
sharp, long teeth on right side
agudo, dientes largos a la derecha
pointu, griffes longues à droite



10-5667-02

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

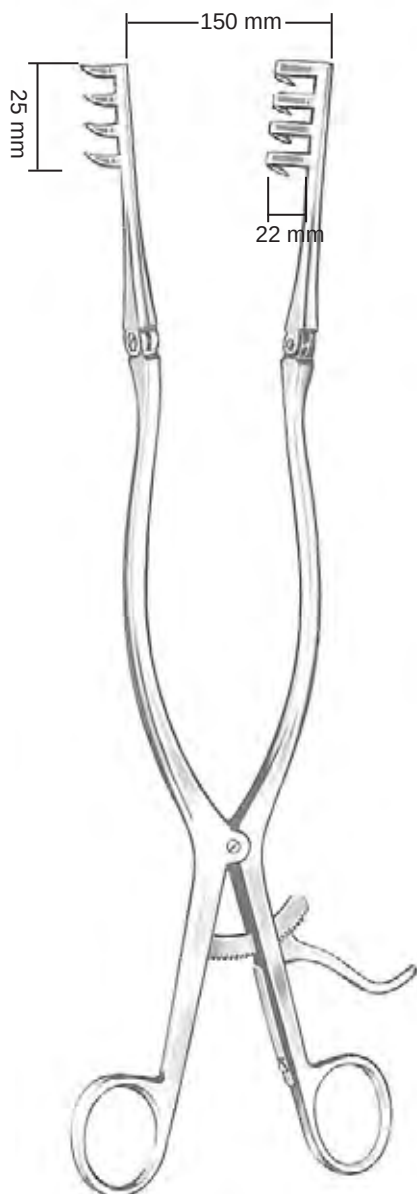


اکارتور چنگکی خودکار لامینکتومی (تاشو)

Laminektomie-Wundspreizer, selbsthaltend
Self-retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie



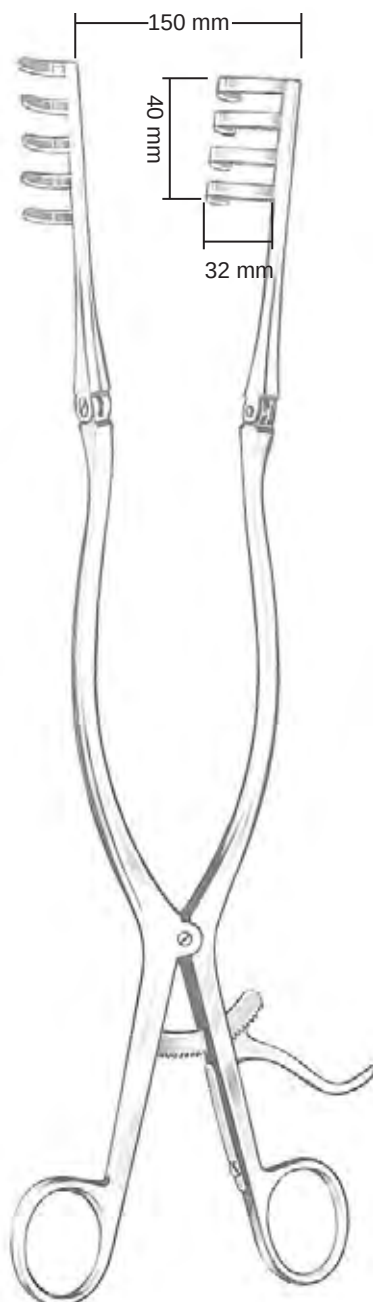
4 x 4 Zähne, scharf
4 x 4 teeth, sharp
4 x 4 dientes, agudos
4 x 4 dents, pointus



Beckmann
30,5 cm/12"
10-5681-44



4 x 5 Zähne, stumpf
4 x 5 teeth, blunt
4 x 5 dientes, romos
4 x 5 dents, mousses



Adson
33 cm/13"
10-5693-45



7 x 7 Zähne
7 x 7 teeth
7 x 7 dientes
7 x 7 dents



scharf
sharp
agudos
pointus
10-5702-77

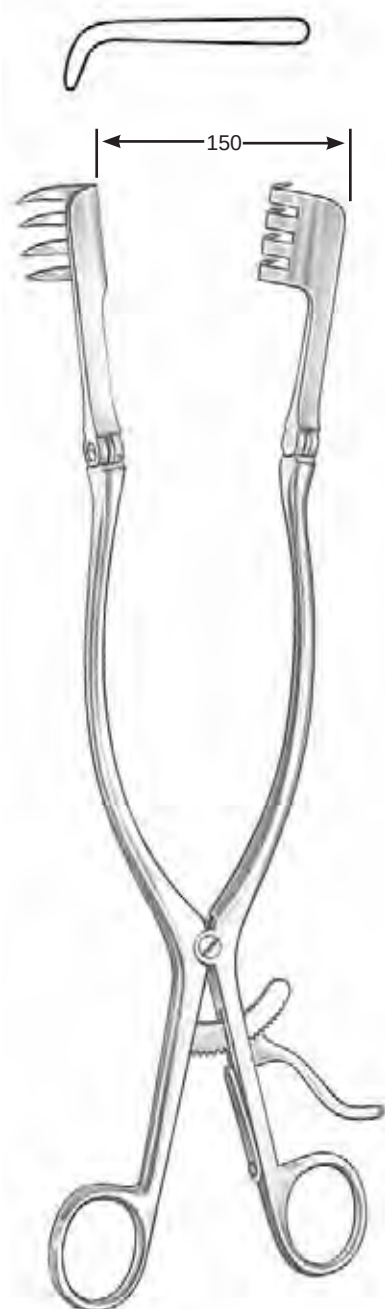
Beckmann-Eaton stumpf
32 cm/12 1/2" blunt
romos
mousses
10-5703-77

اکارتور چنگکی خودکار لامینکتومی (تاشو)

Laminektomie-Wundspreizer, selbsthaltend
Self-retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie



10
B



Beckman-Adson
30,5 cm/12"

spitz
sharp
agudo
pointus

← 25 mm/1" →



10-5724-25

stumpf
blunt
rombo
mousse

← 25 mm/1" →



10-5725-25

← 32 mm/1 1/4" →



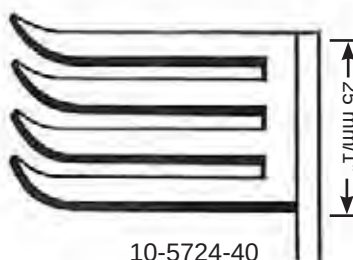
10-5724-32

← 32 mm/1 1/4" →



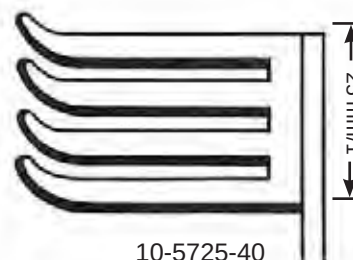
10-5725-32

← 40 mm/1 1/2" →



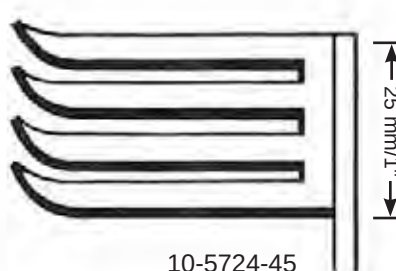
10-5724-40

← 40 mm/1 1/2" →



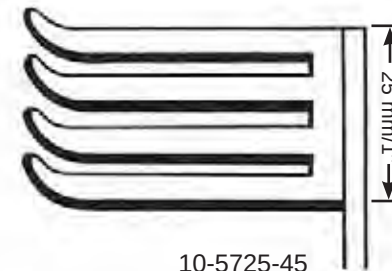
10-5725-40

← 45 mm/1 3/4" →



10-5724-45

← 45 mm/1 3/4" →



10-5725-45

10
B



اکارتور چنگکی خودکار لامینکتومی

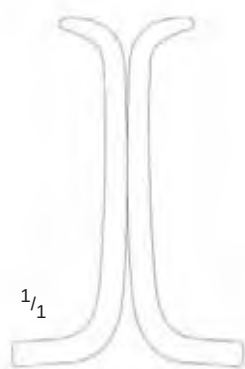
Laminektomie-Wundspreizer, selbsthaltend

Self-retaining Laminectomy Retractors

Separadores autostáticos para laminectomía

Ecarteurs autostatiques pour laminectomie

3 x 3 Zähne, scharf
3 x 3 teeth, sharp
3 x 3 dientes, agudos
3 x 3 dents, pointus



Harvey-Jackson

28 cm/11"

10-5733-28

اسپرایدر لامینا

Wirbelkörperspreizer

Lamina Spreaders

Separadores para cuerpos vertebrales

Ecarteurs pour corps vertébraux



10
B



$\frac{2}{3}$

Inge (Baby-Inge)

16 cm/6 $\frac{1}{4}$ "
10-5800-16

Spreizweite 38 mm
Blade opening 38 mm/ 1 $\frac{1}{2}$ "
Abertura de la hoja 38 mm
Ecartement 38 mm



$\frac{2}{3}$

Inge

24 cm/9 $\frac{1}{2}$ "
10-5802-24

Spreizweite 50 mm
Blade opening 50 mm/ 2"
Abertura de la hoja 50 mm
Ecartement 50 mm

10
B

Univer®

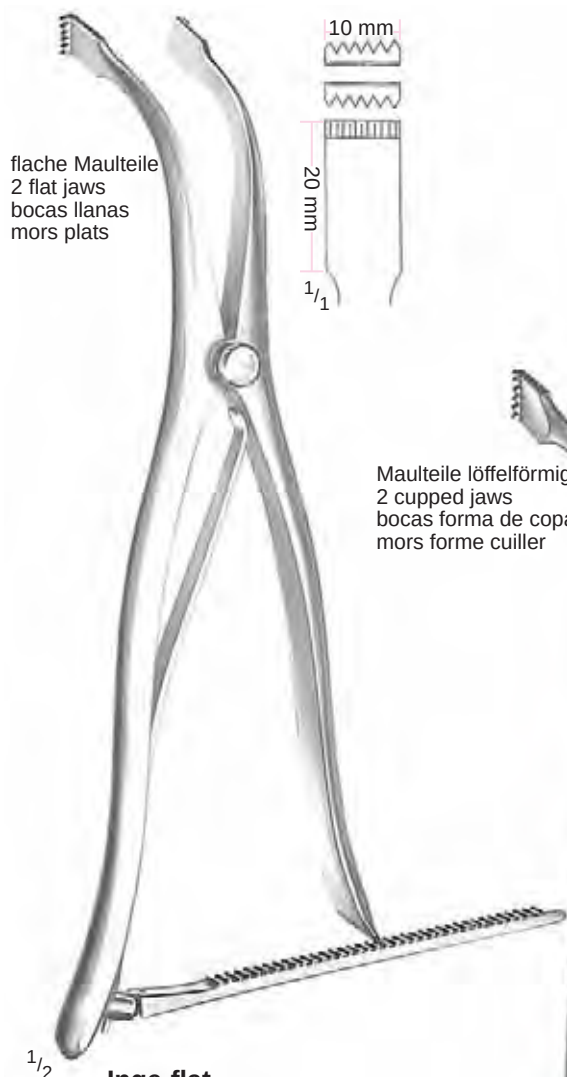
اسپرایدر لامینا

Wirbelkörperspreizer

Lamina Spreaders

Separadores para cuerpos vertebrales

Ecarteurs pour corps vertébraux



1/2

Inge-flat

24 cm/9 1/2"

10-5804-05

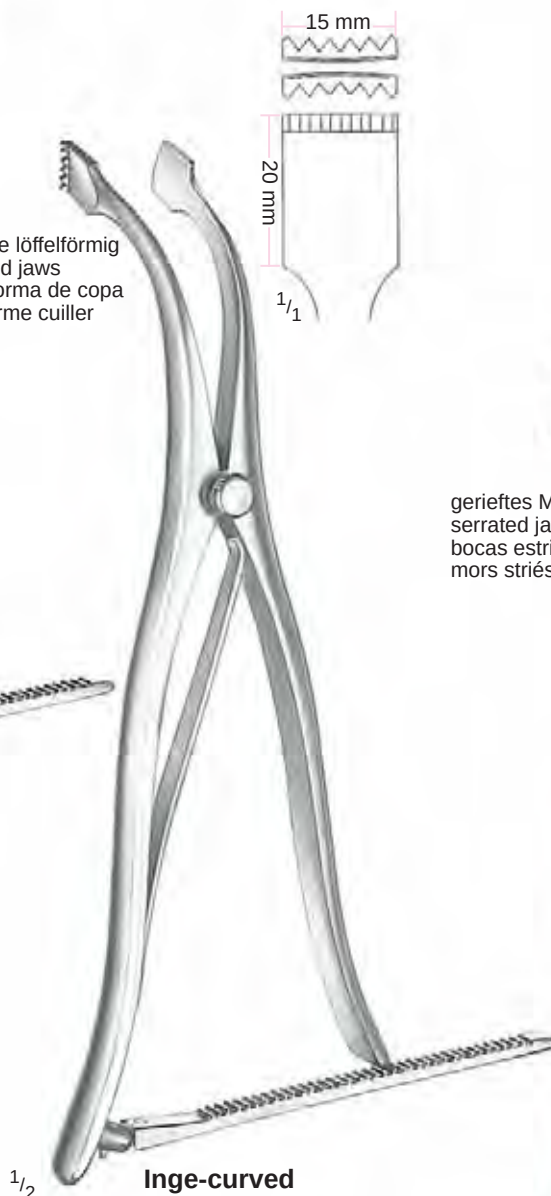
Spreizweite 50 mm

Blade opening 50 mm/ 2"

Abertura de la hoja 50 mm

Ecartement 50 mm

Maulteile löffelförmig
2 cupped jaws
bocas forma de copa
mors forme cuiller



1/2

Inge-curved

24 cm/9 1/2"

10-5804-10

Spreizweite 50 mm

Blade opening 50 mm/ 2"

Abertura de la hoja 50 mm

Ecartement 50 mm

gerieftes Maul
serrated jaws
bocas estriadas
mors striés



1/2

28 cm/11"

10-5810-28

Spreizweite 75 mm

Blade opening 75 mm/ 3"

Abertura de la hoja 75 mm

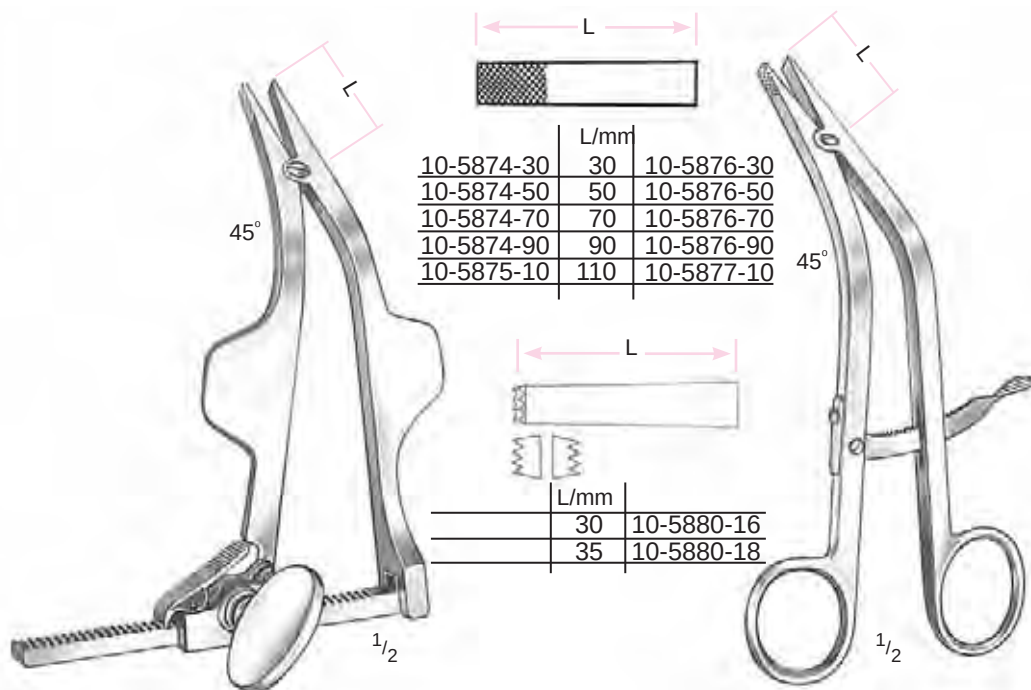
Ecartement 75 mm

اکارتور چنگکی خودکار لامینکتومی

Wund- und Wirbelkörperspreizer, selbsthaltend
Self-Retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie

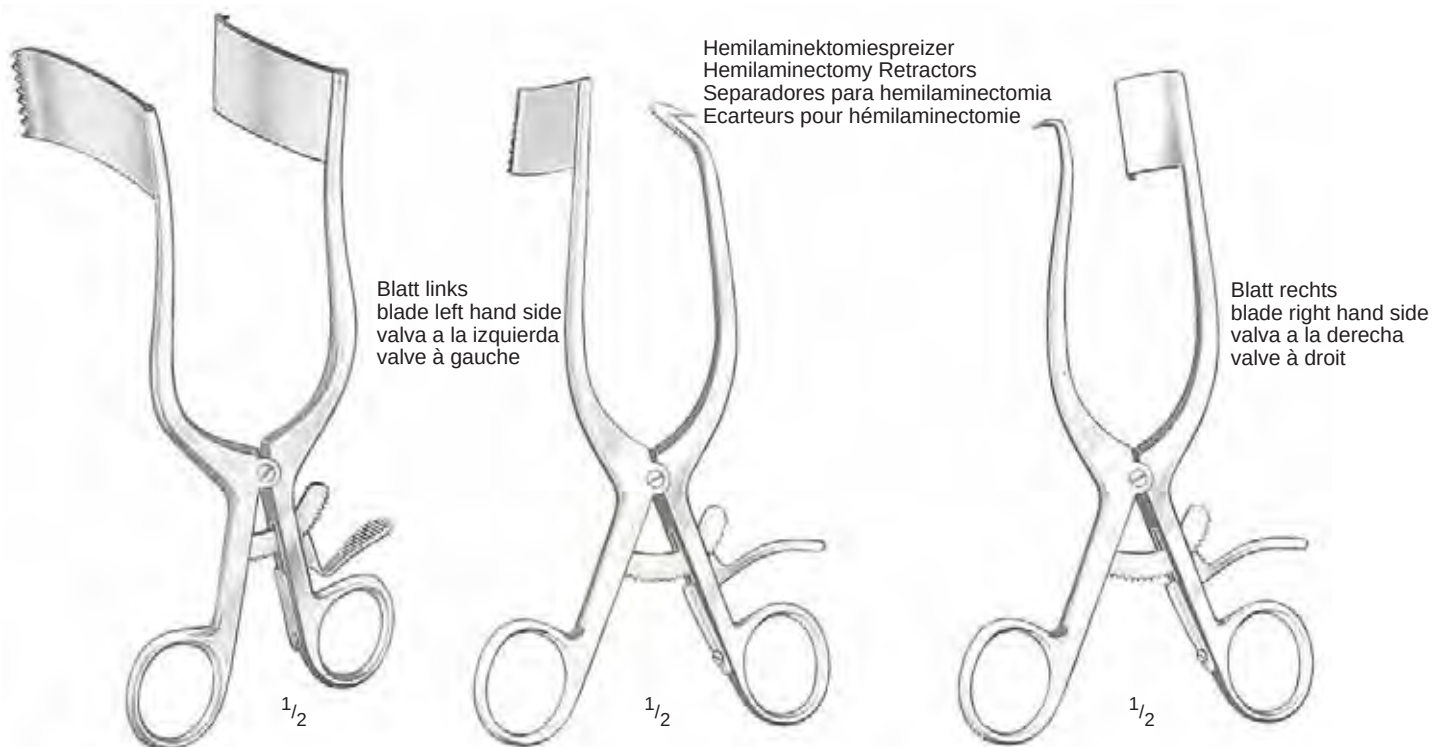


10
B



Cloward
15 cm/6"
10-5874-30 – 10-5875-10

Cloward
17 cm/6 3/4"
10-5876-30
10-5877-10
10-5880-16
10-5880-18



Meyerding
20 cm/8"
10-5848-32 32 x 25 mm, 1 1/4" x 1"
10-5848-54 54 x 25 mm, 2 1/8" x 1"
10-5848-60 60 x 25 mm, 2 3/8" x 1"
10-5848-61 60 x 19 mm, 2 3/8" x 3/4"

Markham-Meyerding
18 cm/7"
10-5854-18

Markham-Meyerding
18 cm/7"
10-5855-18

اکارتور دایسکتومی عضله خودکار

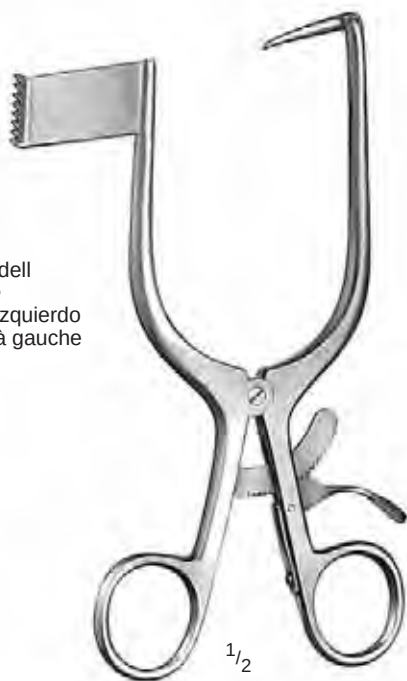
Muskelspreizer

Muscle Retractors (Discectomy Retractor)

Separadores musculares

Ecarteurs musculaires

Linksmodell
Left-type
Modelo izquierdo
Modèle à gauche



$\frac{1}{2}$
17 cm/6 $\frac{3}{4}$ "

Rechtsmodell
Right-type
Modelo derecho
Modèle à droite



$\frac{1}{2}$
17 cm/6 $\frac{3}{4}$ "

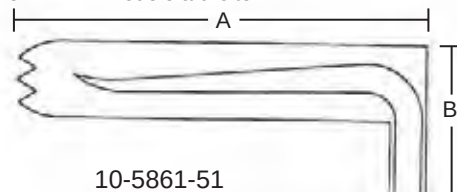
Linksmodell
Left-type
Modelo izquierdo
Modèle à gauche

Rechtsmodell
Right-type
Modelo derecho
Modèle à droite

A B
50 x 10 mm

10-5860-51

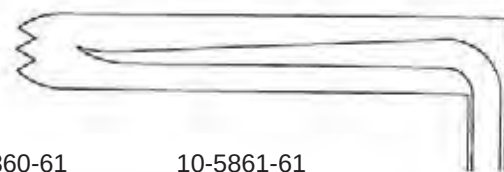
10-5861-51



60 x 10 mm

10-5860-61

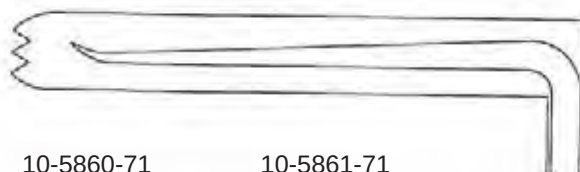
10-5861-61



70 x 10 mm

10-5860-71

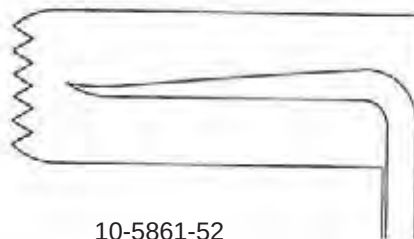
10-5861-71



50 x 20 mm

10-5860-52

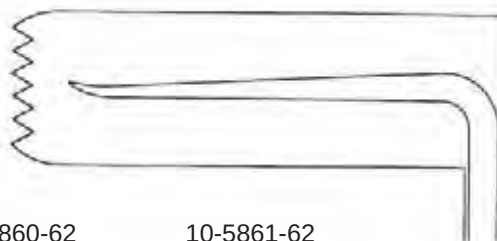
10-5861-52



60 x 20 mm

10-5860-62

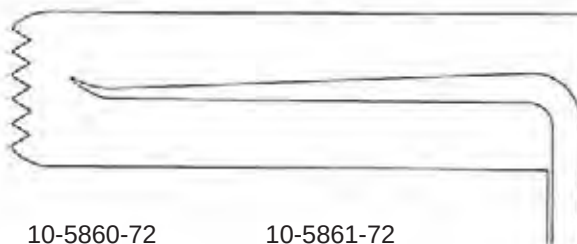
10-5861-62



70 x 20 mm

10-5860-72

10-5861-72



اکارتور دایسکتومی عضله خودکار

Muskelspreizer

Muscle Retractors (Discectomy Retractor)

Separadores musculares

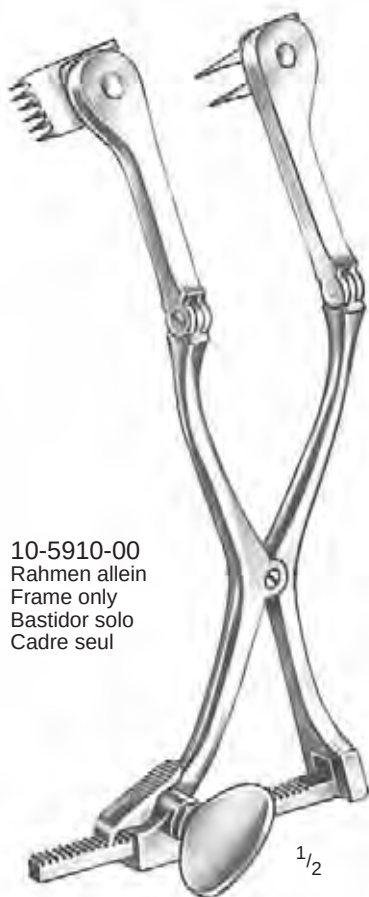
Ecarteurs musculaires

Kugelschnellverschluß
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes

Muskelblätter
Muscle Blades
Hojas musculares
Lames musculaires

spitz
sharp
agudo
pointu

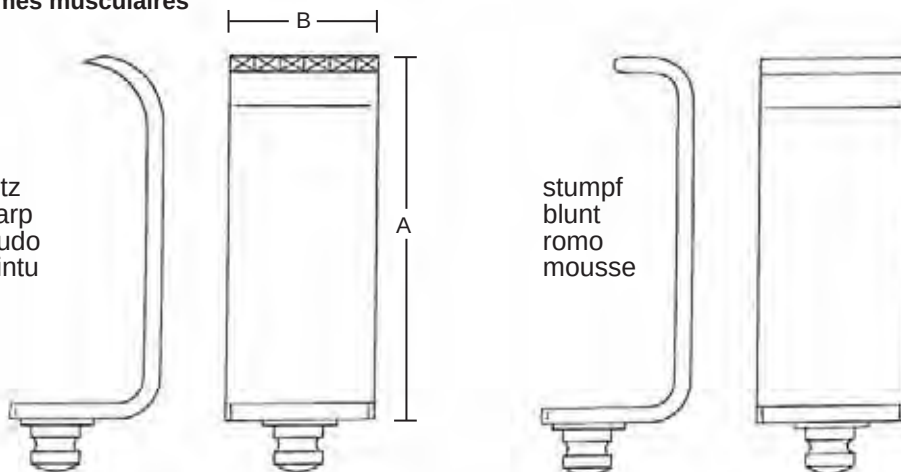
stumpf
blunt
romo
mousse



10-5910-00
Rahmen allein
Frame only
Bastidor solo
Cadre seul

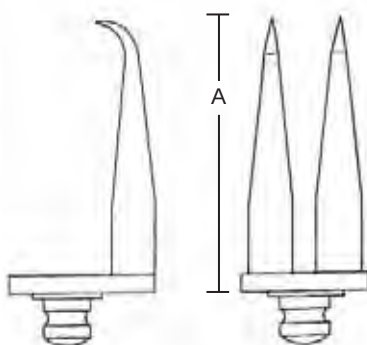
Hey

23 cm/9"



	A	B	
10-5870-32	32 x 20 mm		10-5871-32
10-5870-38	38 x 20 mm		10-5871-38
10-5870-40	40 x 20 mm		10-5871-40
10-5870-50	50 x 20 mm		10-5871-50
10-5870-60	60 x 20 mm		10-5871-60
10-5870-62	62 x 20 mm		10-5871-62
10-5870-70	70 x 20 mm		10-5871-70

Wirbeldorne
Vertebra Pins
Pinchos vertebrales
Pignes vertébraux



A	
32 mm	10-5872-32
38 mm	10-5872-38
40 mm	10-5872-40
50 mm	10-5872-50
53 mm	10-5872-53
57 mm	10-5872-57
60 mm	10-5872-60
62 mm	10-5872-62
70 mm	10-5872-70

10-5870-06
Sperrer komplett, bestehend aus:
Retractor complete, consisting of:
Separador completo, compuesto de:
Ecarteur complèt, se composant de:

10-5911-00
Rahmen allein
Frame only
Bastidor solo
Cadre seul

10-5870-50	Blatt/blade/valva/valve 50 x 20 mm
10-5870-60	id., 60 x 20 mm
10-5870-70	id., 70 x 20 mm
10-5872-50	Dorn/pin/pincho/pigne 50 mm
10-5872-60	id., 60 mm
10-5872-70	id., 70 mm



10
B

اکارتور چنگکی خودکار لامینکتومی (تاشو) کلوارد

Wund- und Wirbelkörperspreizer, selbsthaltend
Self-Retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie

Kugelschnellverschluß
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes

Spreizweite 125 mm
blade opening 125 mm
abertura de la hoja 125 mm
écartement 125 mm

**Cloward-Hoen**

23 cm/9"
10-5911-05

komplett mit 5 stumpfen Blättern
complete with 5 blunt blades
completo con 5 valvas romas
complet avec 5 valves mousses
10-5911-00

Spreizer ohne Blätter
Retractor without blades
Separador sin valvas
Ecarteur sans valves

Spreizweite 114 mm
blade opening 114 mm
abertura de la hoja 114 mm
écartement 114 mm

**Cloward**

25 cm/10" 10-5912-05
17,5 cm/7" 10-5918-04

komplett mit 5 gezahnten Blättern
complete with 5 toothed blades
completo con 5 valvas dentadas
complet avec 5 valves dentelées
10-5912-00
10-5918-00

Spreizer ohne Blätter
Retractor without blades
Separador sin valvas
Ecarteur sans valves



10-5910-40 = 40 mm
10-5910-45 = 45 mm
10-5910-50 = 50 mm
10-5910-55 = 55 mm
10-5910-60 = 60 mm
10-5910-95

Satz von 5 stumpfen Blättern
#10-5910-40 -10-5910-60

set of 5 blunt blades
#10-5910-40 -10-5910-60

juego de 5 valvas romas
#10-5910-40 -10-5910-60

jeu de 5 valves mousses
#10-5910-40 -10-5910-60



10-5912-40 = 40 mm
10-5912-45 = 45 mm
10-5912-50 = 50 mm
10-5912-55 = 55 mm
10-5912-60 = 60 mm
10-5912-95

Satz von 5 gezahnten Valven
#10-5912-40 -10-5912-60

set of 5 toothed blades
#10-5912-40 -10-5912-60

juego de 5 valvas dentadas
#10-5912-40 -10-5912-60

jeu de 5 valves dentelées
#10-5912-40 -10-5912-60

اکارتور چنگکی خودکار لامینکتومی (تاشو)

Wund- und Wirbelkörperspreizer, selbsthaltend
Self-Retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie



10
B



10-5913-40 = 40 mm



10-5914-40 = 40 mm



10-5913-45 = 45 mm



10-5914-45 = 45 mm



10-5913-50 = 50 mm



10-5914-50 = 50 mm



10-5913-55 = 55 mm



10-5914-55 = 55 mm



10-5913-60 = 60 mm



10-5914-60 = 60 mm

10-5913-15
 10-5914-15
 15 cm/6"
 Sperrer allein
 Spreader only
 Separador suelto
 Ecarteur seul

Left side 7 sharp prongs
 35 mm Wide x 35 mm deep

Right side 7 sharp prongs
 35 mm Wide x 35 mm deep

10-5913-00
 10-5914-00
 15 cm/6"
 komplett
 complete
 completo
 complet
 mit je 2 Steckvalven Art-Nr.
 with 2 each plug-in blades ref.
 con 2 valvas enchufables de c. u. ref.
 chacun avec deux valves
 interchangeables ref.
 10-5913-40-10-5913-60
 10-5914-40-10-5914-60



Cloward

15 cm/6" 10-5913-00
 15 cm/6" 10-5914-00



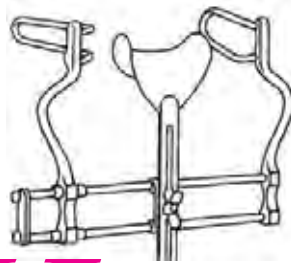
Knighton

19 cm/7 1/2"
 10-5928-55

Knighton

19 cm/7 1/2"
 10-5928-56

10-C



Univer®

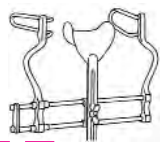
انواع اکارتور خودکار شکمی، مقعد، پروستات و واژینال

**Bauchdeckenhalter, Mast-
darmspreizer, Blasenwund-
spreizer, Vulvaspreizer**

**Abdominal and Rectal
Retractors, Prostatectomy
and Vaginal Retractors**

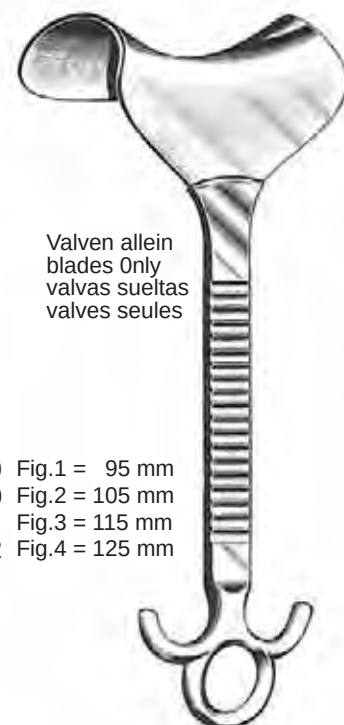
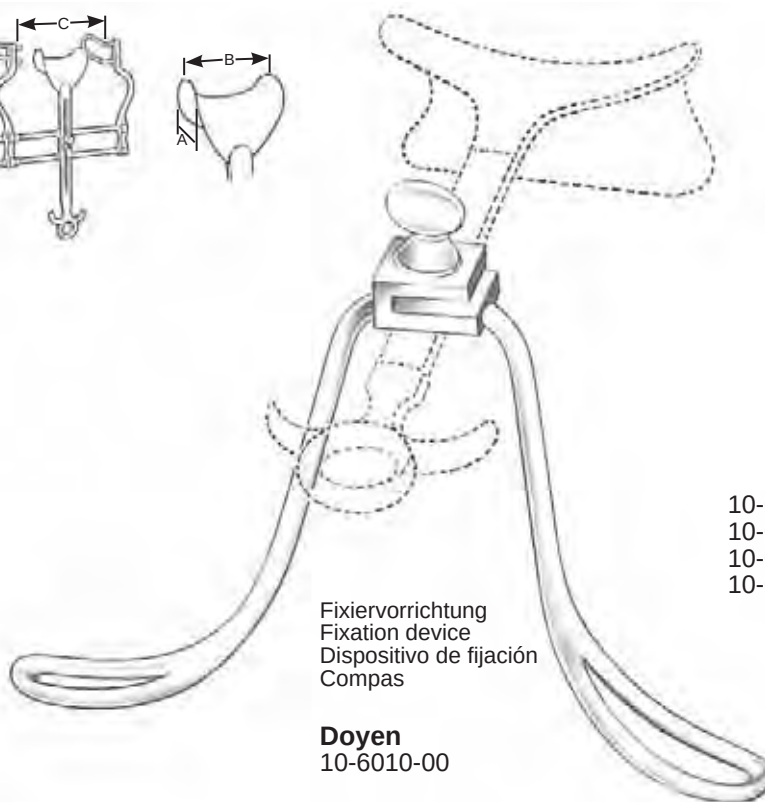
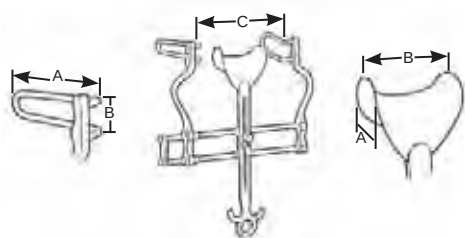
**Separadores abdominales
y rectales, separadores
para prostatectomía y la
vulva**

**Ecarteurs rectaux et à
paroi abdominale, ecar-
teurs prostatiques et
vulvaires**



اکارتور شکمی

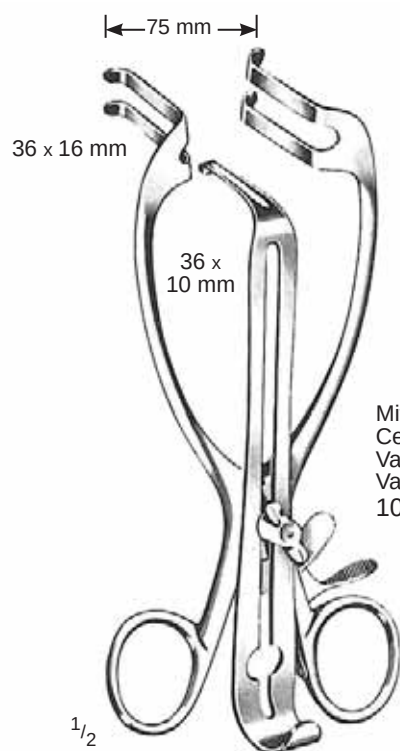
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



10-6010-09 Fig.1 = 95 mm
10-6010-10 Fig.2 = 105 mm
10-6010-11 Fig.3 = 115 mm
10-6010-12 Fig.4 = 125 mm

Doyen

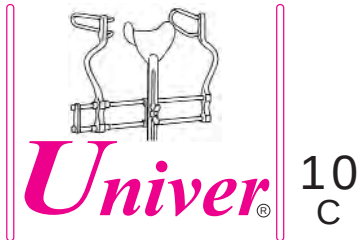
Mayo-Adams
(Appendectomie)
17 cm/6 3/4"
10-6020-00



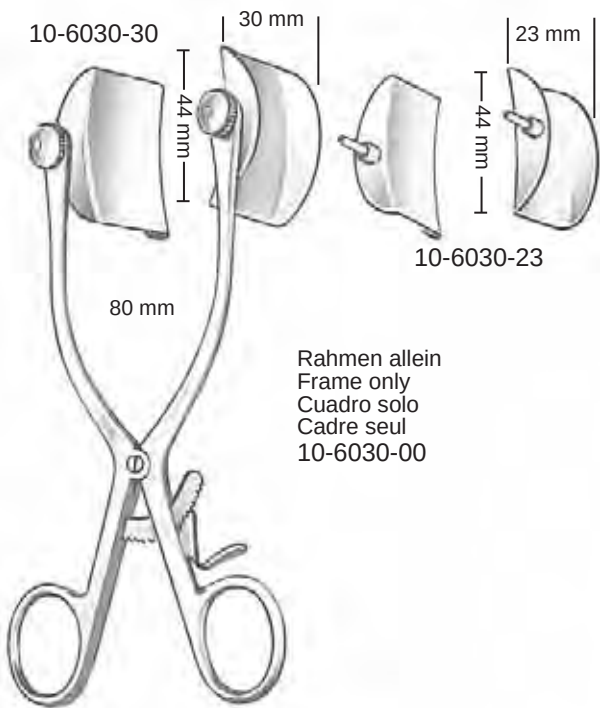
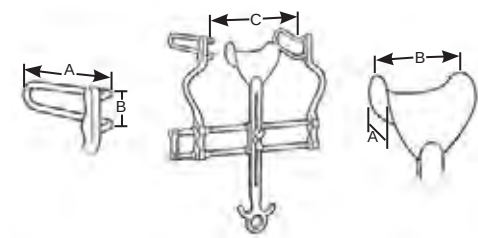
Mayo-Adams
(Appendectomie)
17 cm/6 3/4"
10-6020-01

Mittelvalve
Center blade
Valva central
Valve médiane
10-6020-36

اکارتور شکمی
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Kugelschnellverschluß
 Ball Snap Closure
 Cierre rápido
 Verrouillage rapide à billes



Rahmen allein
 Frame only
 Cuadro solo
 Cadre seul
 10-6030-00

Baby-Collin
 10-6030-04
 komplett mit 2 Paar Valven
 complete, with 2 pairs of blades
 completo, con 2 pares de valvas
 complét, avec 2 paires de valves



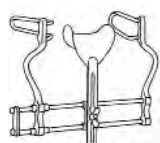
Rahmen allein
 Frame only
 Bastidor solo
 Cadre seul
 10-6040-00

Collin
 10-6040-10

komplett complete completo complèt	Seitl. Valven lateral blades valvas laterales valves latérales			Mittelvalven center blades valvas centrales valves centrales			Spreizweite blade opening abertura total écartement total
Ref.	Ref.	A	B	Ref.	A	B	C
10-6030-04	10-6030-23	44 mm/1 3/4"	23 mm/9"	-	-	-	80 mm/3 1/8"
10-6031-04	10-6030-30	44 mm/1 3/4"	30 mm/1 1/8"	-	-	-	80 mm/3 1/8"
10-6040-10	10-6150-62	32 mm/1 1/4"	62 mm/2 7/16"	-	-	-	100 mm/4"

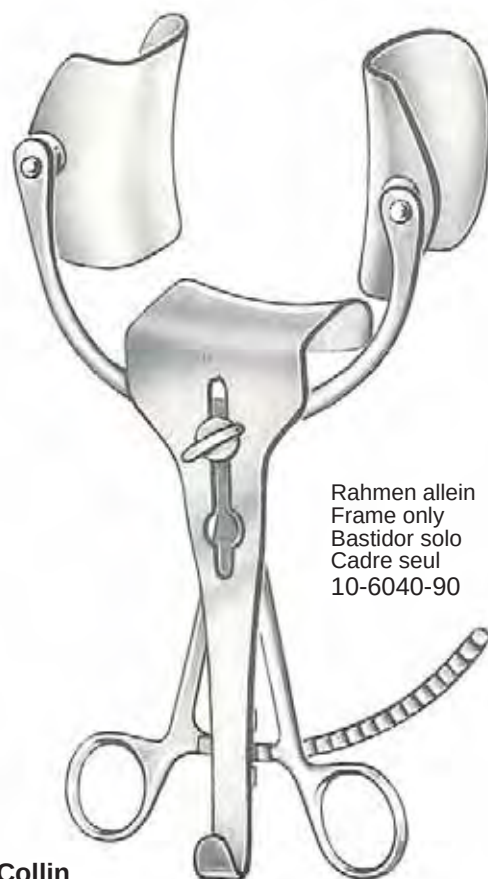
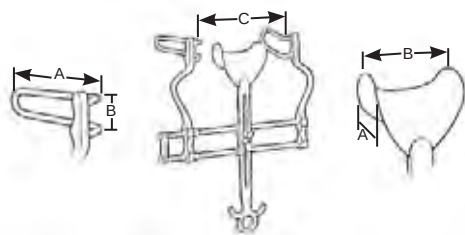
10
C

Univer[®]



اکارتور شکمی

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Collin
10-6041-10
10-6042-10
10-6043-10

Rahmen allein
Frame only
Bastidor solo
Cadre seul
10-6040-90

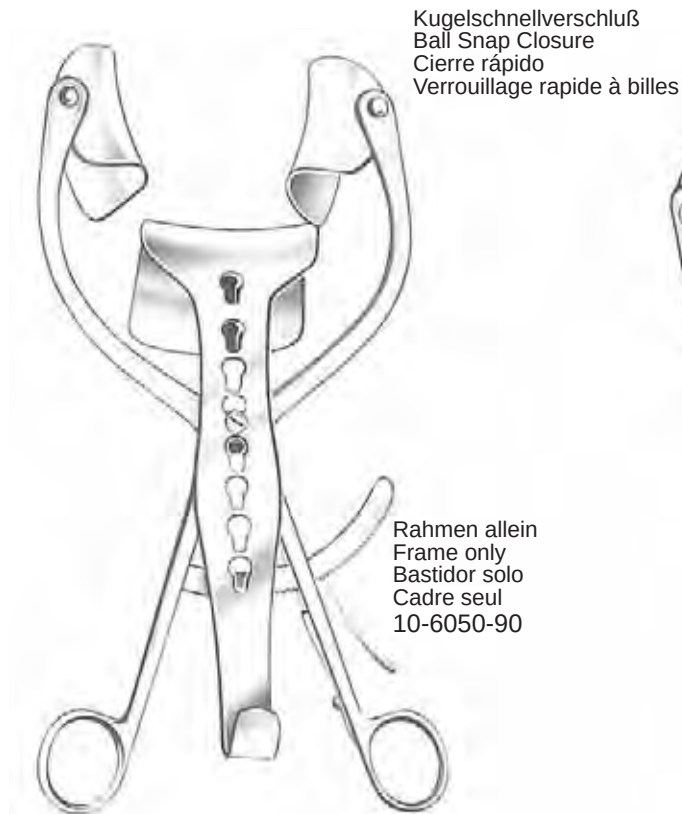
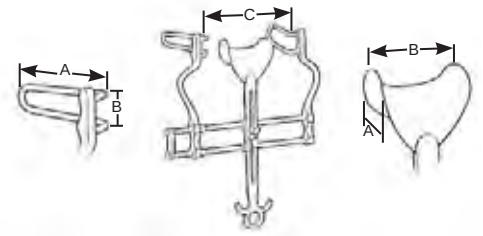
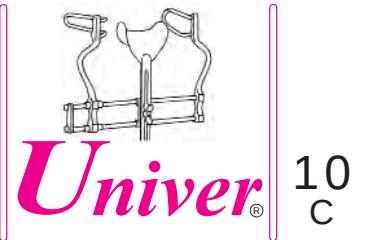


Collin
10-6046-10

komplett complete completo complet	Seitl. Valven lateral blades valvas laterales valves latérales			Mittelvalven center blades valvas centrales valves centrales			Spreizweite blade opening abertura total écartement total
Ref.	Ref.	A	B	Ref.	A	B	C
10-6041-10	10-6150-62	32 mm/1 1/4"	62 mm/2 7/16"	10-6153-55	55 mm/2 1/8"	55 mm/2 1/8"	100 mm/4"
10-6042-10	10-6150-80	38 mm/1 1/2"	80 mm/3 1/8"	10-6153-65	55 mm/2 1/8"	65 mm/2 9/16"	100 mm/4"
10-6043-10	10-6150-99	38 mm/1 1/2"	100 mm/4"	10-6153-75	55 mm/2 1/8"	75 mm/3"	100 mm/4"
10-6046-10	10-6151-80	60 mm/2 3/8"	80 mm/3 1/8"	10-6154-75	60 mm/2 3/8"	75 mm/3"	120 mm/4 3/4"

اکارتور شکمی

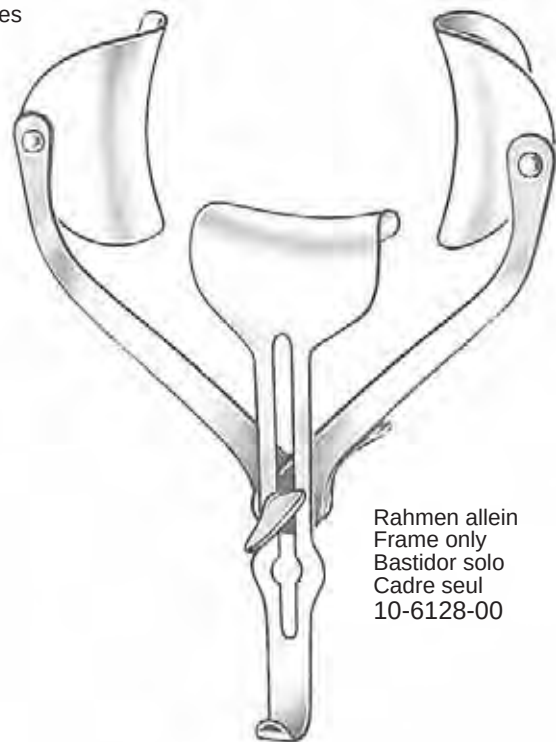
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Kugelschnellverschluß
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes

Rahmen allein
Frame only
Bastidor solo
Cadre seul
10-6050-90

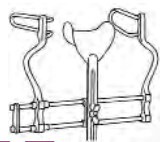
Collin-Locktite
10-6050-10
10-6051-10



Rahmen allein
Frame only
Bastidor solo
Cadre seul
10-6128-00

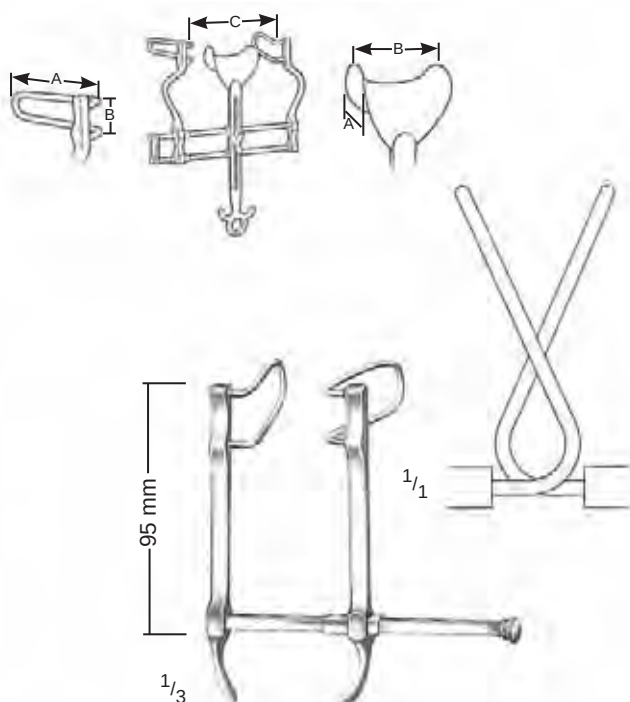
Ricard
10-6128-10
10-6130-10

komplett complete completo complet	Seitl. Valven lateral blades valvas laterales valves latérales			Mittelvalven center blades valvas centrales valves centrales			Spreizweite blade opening abertura total écartement total
Ref.	Ref.	A	B	Ref.	A	B	C
10-6050-10	10-6151-58	50 mm/2"	58 mm/2 1/4"	10-6155-67	62 mm/2 1/2"	67 mm/2 5/8"	165 mm/6 1/2"
10-6051-10	10-6151-80	62 mm/2 1/2"	80 mm/3 1/8"	10-6155-70	62 mm/2 1/2"	70 mm/2 3/4"	165 mm/6 1/2"
10-6128-10	10-6152-72	72 mm/2 7/8"	85 mm/3 3/8"	10-6155-80	80 mm/3 1/8"	90 mm/3 1/2"	280 mm/11"
10-6130-10	10-6152-60	60 mm/2 3/8"	80 mm/3 1/8"	10-6155-55	55 mm/2 1/8"	70 mm/2 3/4"	305 mm/12"

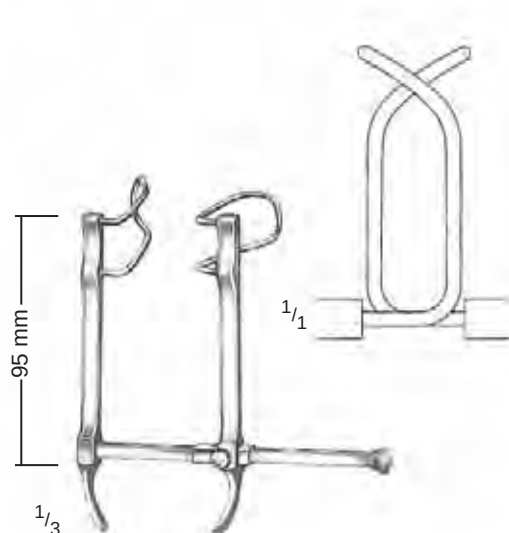


اکارتور شکمی

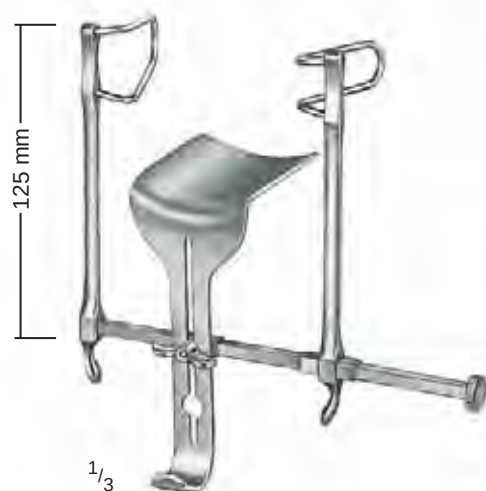
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



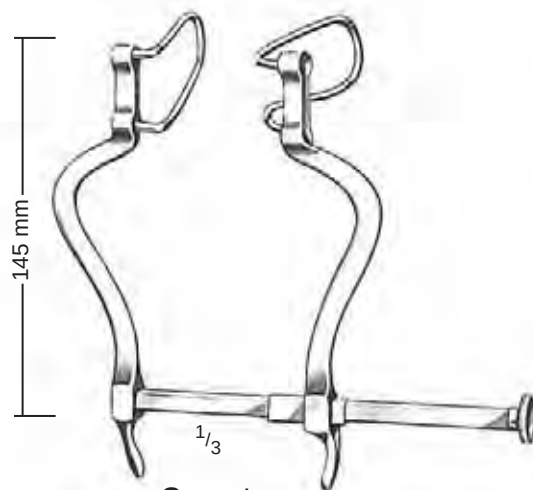
Gosset
10-6210-10



Gosset
10-6212-10



Gosset
10-6214-16



Gosset
10-6215-14

komplett complete completo complet	Seitl. Valven lateral blades valvas laterales valves latérales			Mittelvalven center blades valvas centrales valves centrales			Spreizweite blade opening abertura total écartement total
Ref.	Ref.	A	B	Ref.	A	B	C
10-6210-10	-	40 mm	30 mm	-	-	-	100 mm
10-6212-10	-	40 mm	30 mm	-	-	-	100 mm
10-6214-16	-	63 mm	35 mm	10-6214-60	60 mm	57 mm	160 mm
10-6215-14	-	63 mm	35 mm	-	-	-	140 mm

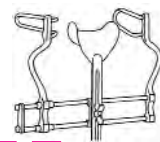
اکارتور شکمی (بالفور)

Bauchdeckenhalter

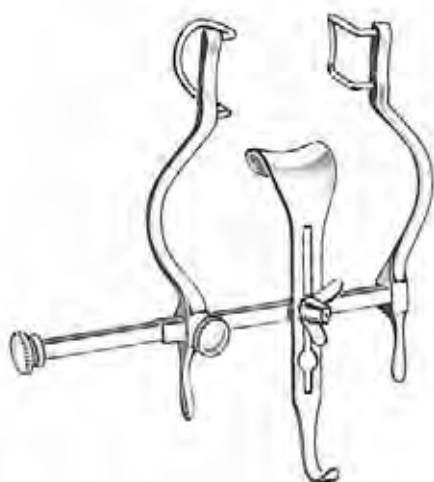
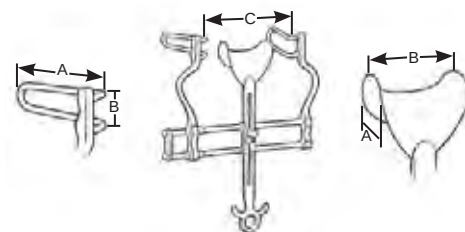
Abdominal Retractors

Separadores abdominales

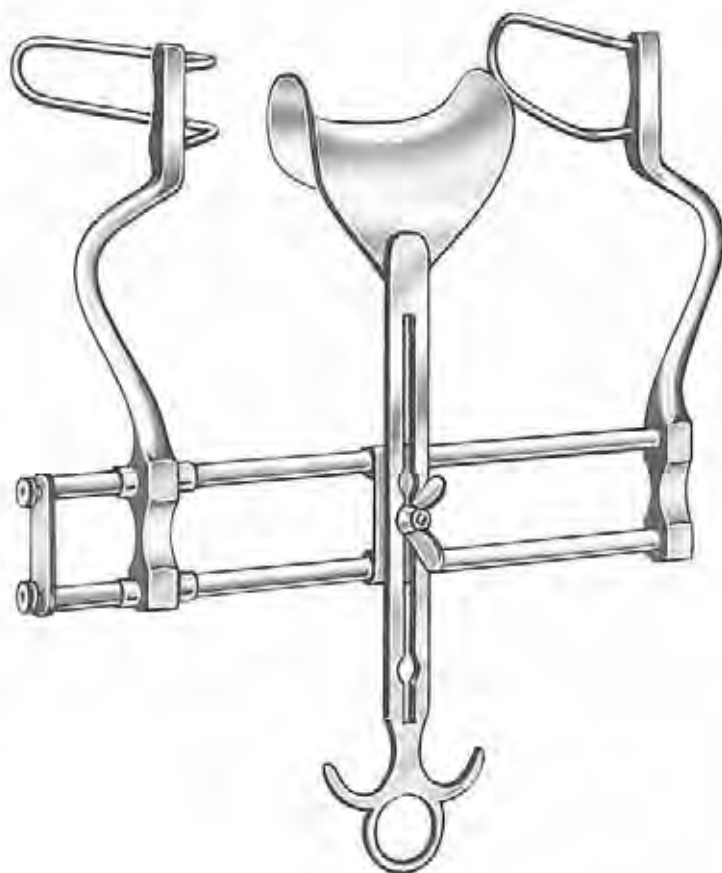
Ecarteurs à paroi abdominale



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C

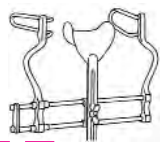


Balfour-Baby
10-6230-09



Balfour
10-6235-12
10-6240-18
10-6246-25

komplett complete completo complet Ref.	Seitl. Valven lateral blades valvas laterales valves latérales Ref.	A	B	Mittelvalven center blades valvas centrales valves centrales Ref.	A	B	Spreizweite blade opening abertura total écartement total C
10-6230-09	-	27 mm	25 mm	10-6230-20	24 mm	20 mm	90 mm
10-6235-12	-	60 mm	30 mm	10-6250-50	50 mm	80 mm	150 mm
10-6240-18	-	70 mm	35 mm	10-6252-45	45 mm	80 mm	180 mm
10-6246-25	-	100 mm	35 mm	10-6252-70	70 mm	85 mm	250 mm



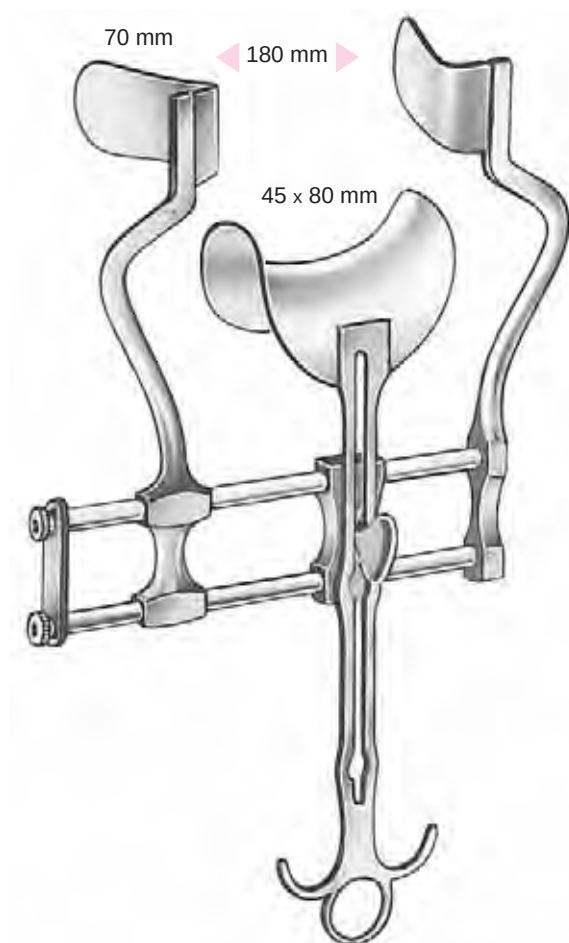
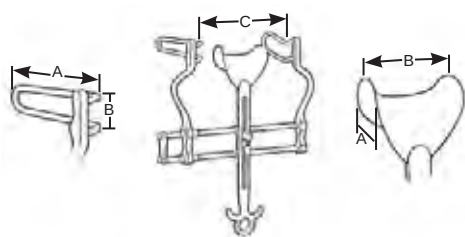
اکارتور شکمی (بالفور)

Bauchdeckenhalter

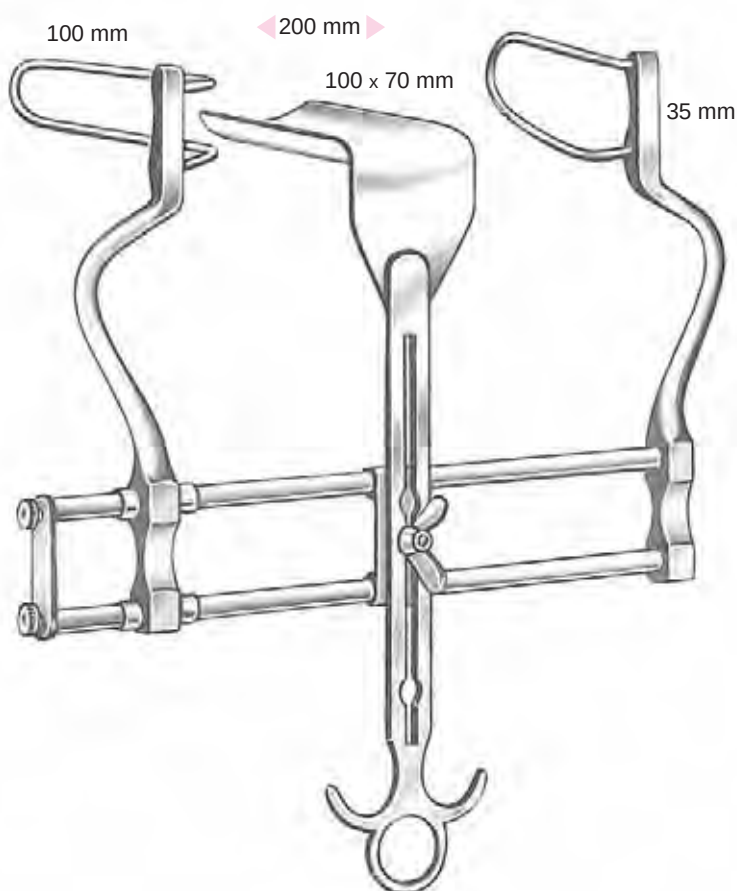
Abdominal Retractors

Separadores abdominales

Ecarteurs à paroi abdominale



Balfour
10-6248-18

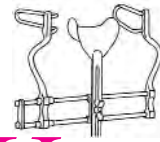


Balfour
10-6244-20

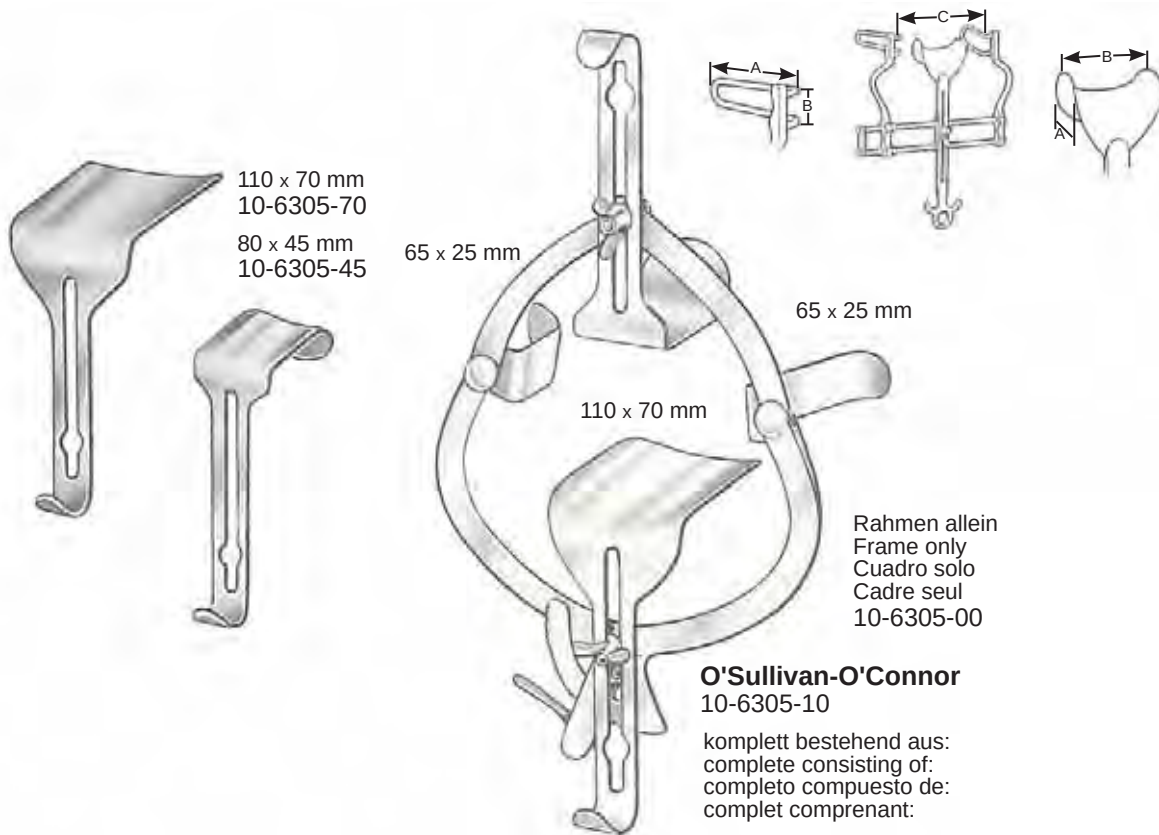
komplett complete completo complet	Seitl. Valven lateral blades valvas laterales valves latérales			Mittelvalven center blades valvas centrales valves centrales			Spreizweite blade opening abertura total écartement total
Ref.	Ref.	A	B	Ref.	A	B	C
10-6244-20	-	100 mm	35 mm	10-6256-99	100 mm	70 mm	200 mm
10-6248-18	-	70 mm	35 mm	10-6252-45	45 mm	80 mm	180 mm

اکارتور شکمی

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



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O'Sullivan-O'Connor
10-6305-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complet comprenant:

1 Rahmen, frame, cuadro, cadre 10-6305-00
2 Valven, blades, valvas, valves 10-6305-45
1 Valve, blade, valva, valve 10-6305-70



Kirschner
10-6320-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complet comprenant:

1 starrer Rahmen, rigid frame, cuadro fijo, cadre bombé fixe 10-6320-00
2 Valven, blades, valvas, valves 50 x 65 mm 10-6320-50
2 Valven, blades, valvas, valves 40 x 55 mm 10-6320-40



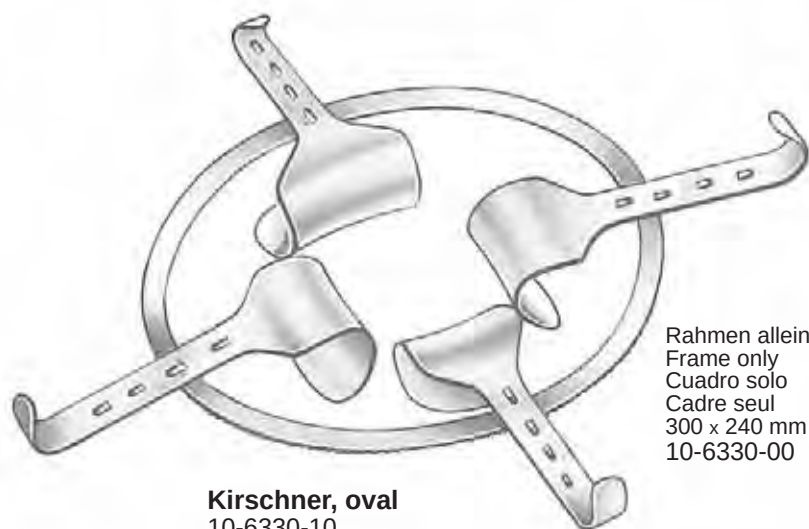
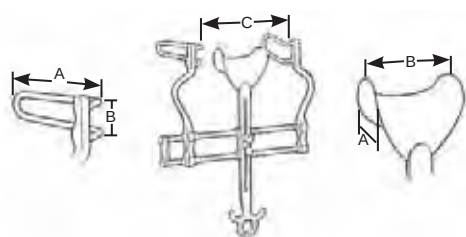
40 x 55 mm
10-6320-40

50 x 65 mm
10-6320-50

60 x 85 mm
10-6321-60

اکارتور شکمی (کریشنر)

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Rahmen allein
Frame only
Cuadro solo
Cadre seul
300 x 240 mm
10-6330-00

Kirschner, oval
10-6330-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complet comprenant:

- 1 Rahmen, frame, cuadro, cadre 300x240 mm: 10-6330-00
- 3 Valven, blades, valvas, valves 50x65 mm: 10-6320-50
- 1 Valve, blade, valva, valve 80 x 90 mm: 10-6321-90
- 1 Valve, blade, valva, valve 98 x 50 mm: 10-6323-98
- 1 Valve, blade, valva, valve 105 x 35 mm: 10-6324-10



98 x 50 mm
10-6323-98



105 x 35 mm
10-6324-10

Valven für Kirschner-Bauchdeckenhalter
Blades for Kirschner-Abdominal Retractors
Valvas para separadores abdominales Kirschner
Valves pour écarteurs à paroi abdominale Kirschner



für Fettleibige
for corpulent patients
para pacientes obesos
pour patients obèses

für Darm und Blase
intestinal and bladder
intestinales y para la vejiga
pour intestin et vessie

Standard



A x B 40 x 55 mm
10-6320-40



50 x 65 mm
10-6320-50



60 x 85 mm
10-6321-60



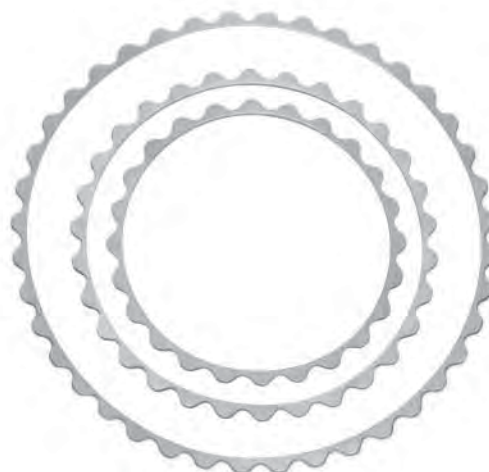
78 x 65 mm
10-6321-78



80 x 90 mm
10-6321-90



98 x 50 mm 105 x 35 mm
10-6323-98 10-6324-10

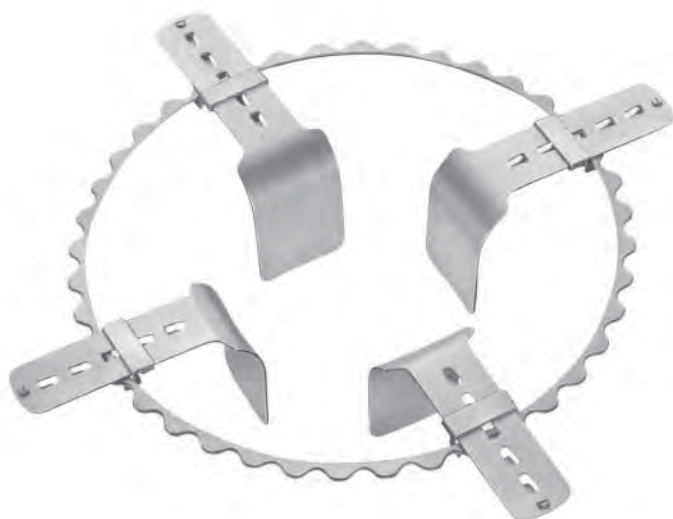


Ø 180 mm
diam 7"
10-6330-18

Ø 230 mm
diam 9"
10-6330-23

Ø 305 mm
diam 12"
10-6330-30

Retractor frame, round



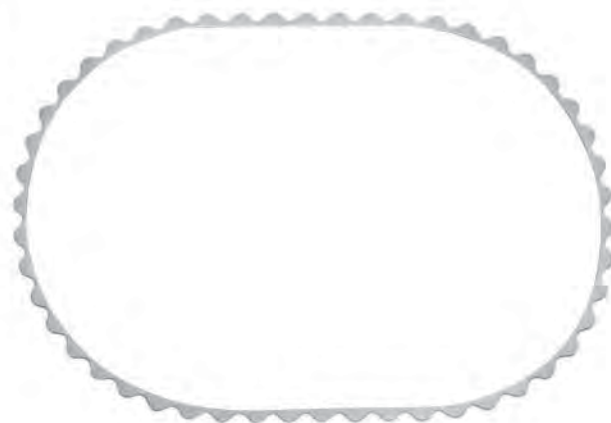
Turner - WARWICK

10-6331-20

Abdominal Retractor complete

consisting of:

- | | |
|-------------------------|---------------------------------|
| 10-6330-18 - 10-6330-30 | 1 Frame of each |
| 10-6331-01 - 10-6331-04 | 2 Retractor blades of each |
| 10-6331-05 - 10-6331-06 | 2 Abdominal retractors of each |
| 10-6331-07 - 10-6331-08 | 2 Abdominal retractors of each |
| 10-6331-09 | 2 Retractor blades single hooks |



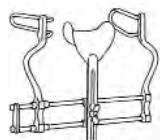
Turner - WARWICK

457 x 330 mm

Retractor frame, oval

10-6331-10

10
C



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اکارتور شکمی

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



76 x 19 mm
10-6331-01



102 x 38 mm
10-6331-02



89 x 57 mm
10-6331-03



114 x 57 mm
10-6331-04



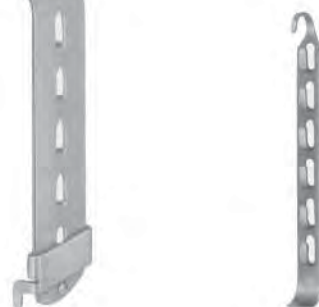
51 x 38 mm
10-6331-05



76 x 60 mm
10-6331-06



89 x 60 mm
10-6331-07



114 x 60 mm
10-6331-08



13 mm tief
10-6331-09

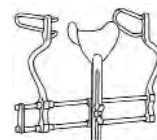
اکارتور شکمی (روچارد)

Bauchdeckenhalter

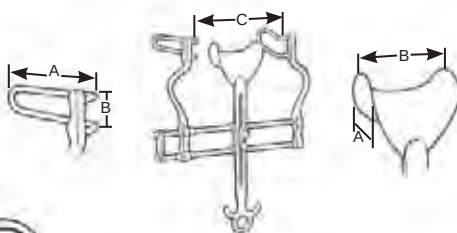
Abdominal Retractors

Separadores abdominales

Ecarteurs à paroi abdominale



Univer® 10
C



Rochard

19 cm/7³/₄"

Fixiervorrichtung

Fixation device

Dispositivo de fijación

Compas articulé

leichtes Modell

light pattern

modelo ligero

modèle léger

10-6399-05

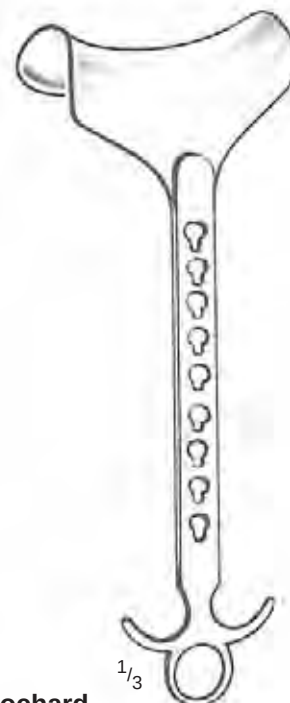
kräftiges Modell

sturdy pattern

modelo robusto

modèle robuste

10-6399-06



Rochard

27 cm/10¹/₂"

10-6399-10 50 x 95 mm, 2" x 3³/₄"

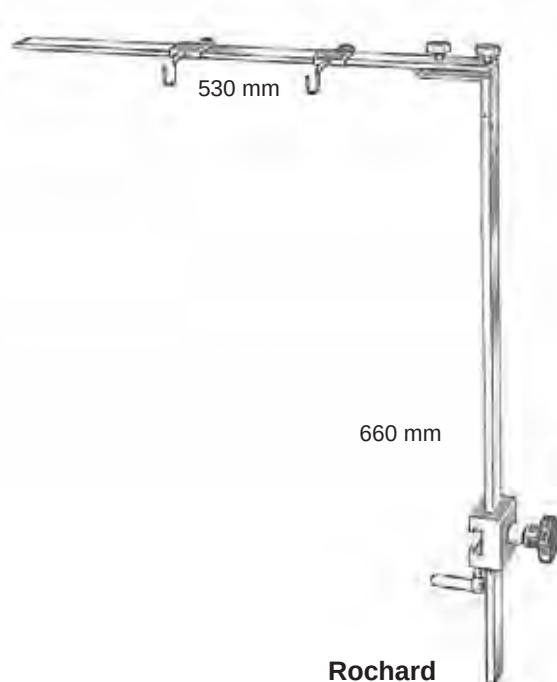
10-6399-15 50 x 105 mm, 2" x 4¹/₈"

10-6399-20 60 x 120 mm, 2³/₈" x 4³/₄"

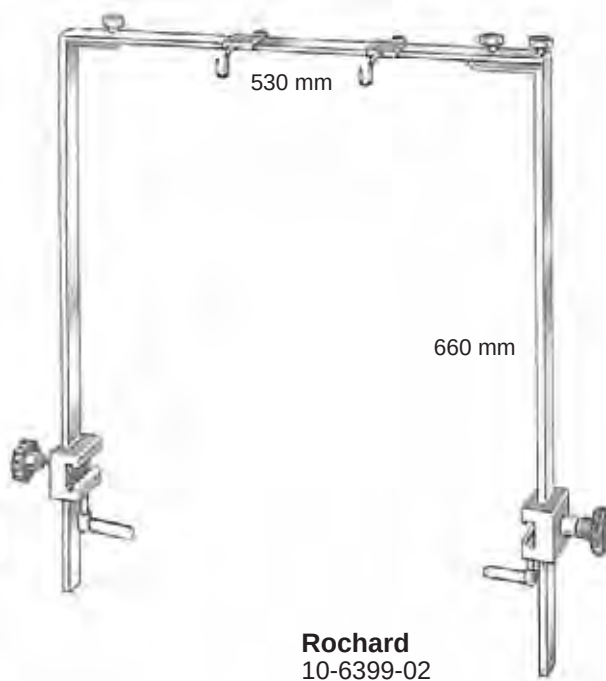
10-6399-25 60 x 135 mm, 2³/₈" x 5¹/₄"

10-6399-30 60 x 155 mm, 2³/₈" x 6¹/₈"

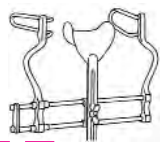
Befestigungsrahmen für OP-Tische
Mounting Frames for Operating Tables
Dispositivos de fijación para mesas de quirófano
Dispositifs de fixation pour tables d'opération



Rochard
10-6399-00



Rochard
10-6399-02



اسپرايدر ركتورم

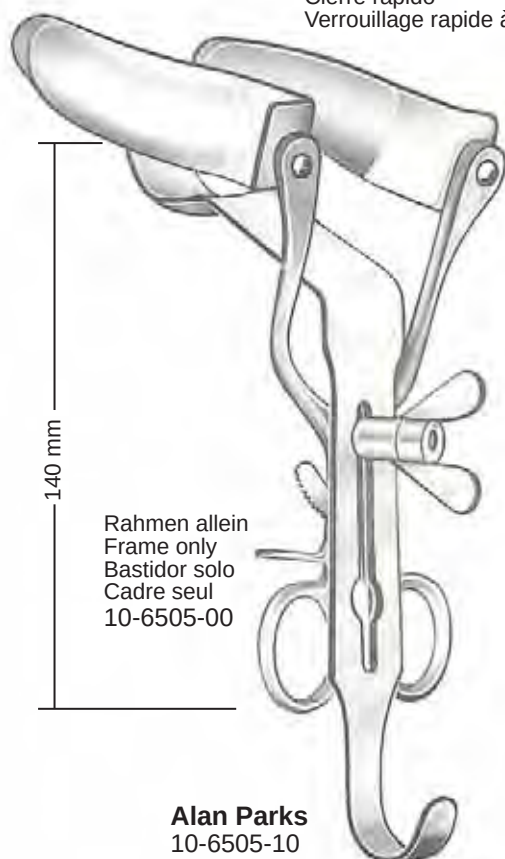
Analspreizer

Rectal Spreaders

Separadores rectales

Ecarteurs rectaux

Kugelschnellverschluß
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes



Rahmen allein
Frame only
Bastidor solo
Cadre seul
10-6505-00

Alan Parks
10-6505-10

komplett bestehend aus:
complete consisting of:
completo compuesto por:
complet comprenant:

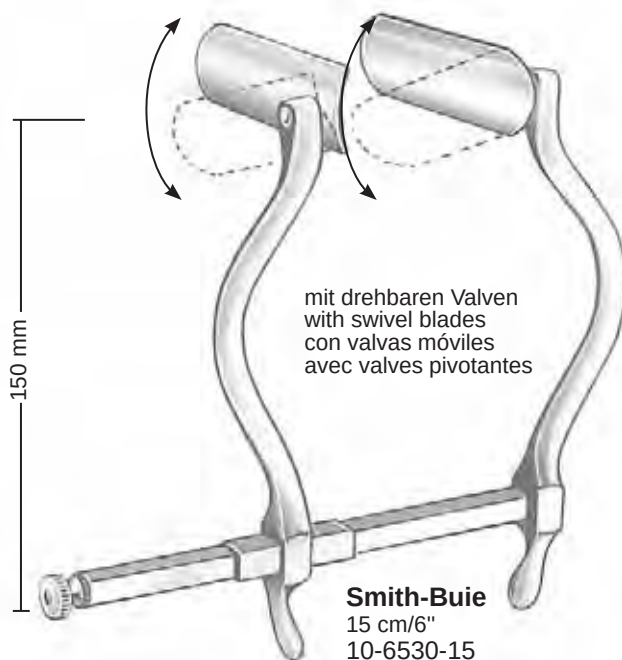
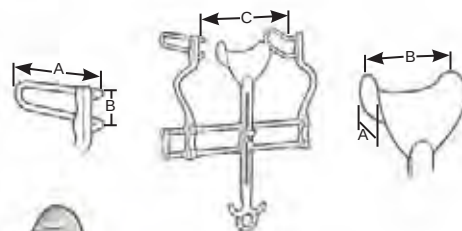
- 1 Rahmen, frame, bastidor, cadre 140mm, 5½": 10-6505-00
1 Paar Valven, pair of blades, par valvas, paire de valves 75 x 24 mm: 10-6505-07
1 Paar Valven, pair of blades, par valvas, paire de valves 95 x 24 mm: 10-6505-09
1 Mittelvalve, center blade, valva central, valve médiane 95 x 24 mm: 10-6505-95

Sphincterblätter
Sphincter blades
Valvas para esfinter
Valves sphinctériennes
10-6505-09

Paar/pair
par/paire

Rektumblätter
Rectal blades
Valvas rectales
Valves rectales
10-6505-07

Paar/pair
par/paire



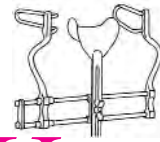
mit drehbaren Valven
with swivel blades
con valvas móviles
avec valves pivotantes

Smith-Buie
15 cm/6"
10-6530-15

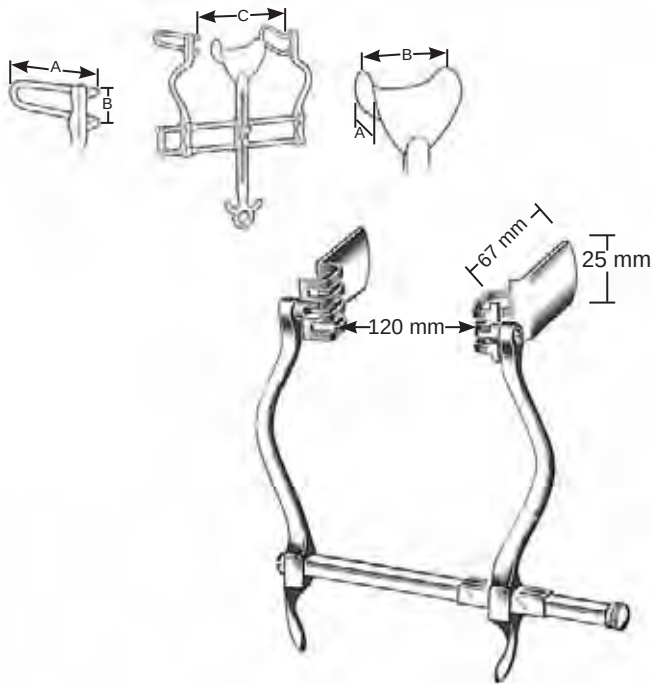
komplett complete completo complet	Seitl. Valven lateral blades valvas laterales valves latérales			Mittelvalve center blade valva central valve médiane			Spreizweite blade opening abertura total écartement total
Ref.	Ref.	A	B	Ref.	A	B	C
10-6505-10	10-6505-07	75 mm	24 mm	10-6505-95	95 mm	24 mm	70 mm
	10-6505-09	95 mm	24 mm				
10-6530-15		70 mm	22 mm				125 mm

انواع اكار تور مٹانه

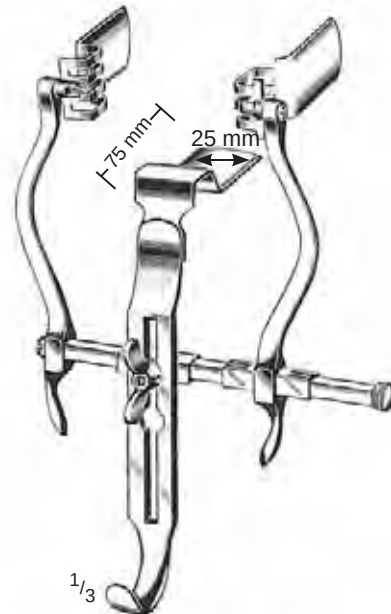
Blasenwundspreizer
Bladder Retractors
Separadores vesicales
Ecarteurs vésicaux



Univer® 10
C

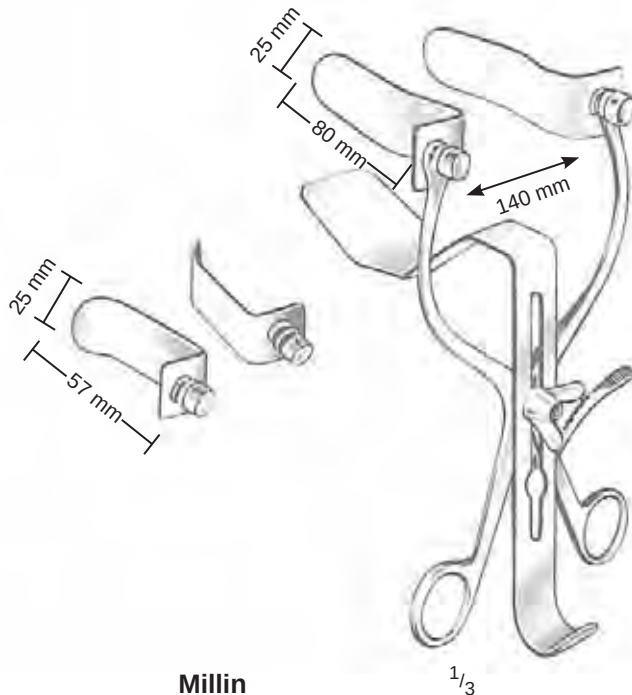


Judd-Masson
10-6610-10

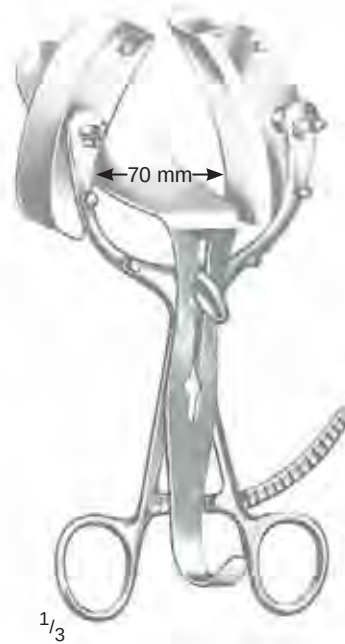


Judd-Masson
10-6620-10

Mittelvalve
center blade
valva central
valve centrale
10-6620-25



Millin
10-6630-10



Legueu
10-6660-10

28x60 mm
1 1/8" x 2 3/8"
seitl. Valven, Paar
lateral blades, pair
valvas laterales, par
valves latérales, paire
10-6660-28

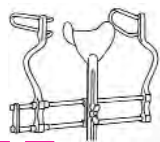
70 x 32 mm
2 3/4" x 1 1/4"
Mittelvalve
center blade
valva central
valve centrale
10-6660-70

Rahmen allein
Frame only
Bastidor solo
Cadre seul
10-6660-90

bestehend aus/consisting of/compuesto de/composé de:

- 10-6630-00 1 Rahmen, frame, cuadro, cadre
- 10-6630-57 2 Valven, blades, valvas, valves 57 x 25 mm
- 10-6630-80 2 Valven, blades, valvas, valves 80 x 25 mm
- 10-6631-20 1 Valve, blade, valva, valve 120 x 45 mm

komplett
complete
completo
complet



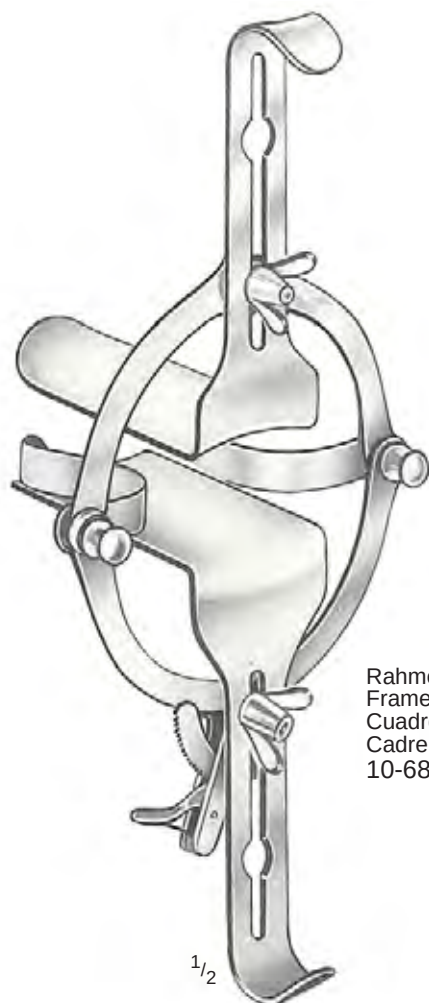
اکارتور واژینال

Wundspreizer, Scheidenspekulum

Retractors, Vaginal Speculum

Separadores, Espéculo vaginal

Ecarteurs, Spéculum vaginal



Rahmen allein
Frame only
Cuadro solo
Cadre seul
10-6810-00

Valven allein
blades only
valvas sueltas
valves seules

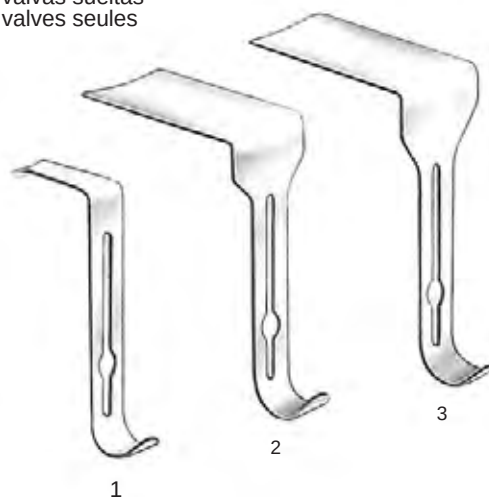


Fig.	a mm	b mm	
1	44	15	10-6810-15
2	85	39	10-6810-39
3	85	45	10-6810-45

O'Sullivan-O'Connor
10-6810-10

komplett mit 3 Valven
complete with 3 blades
completo con 3 valvas
complète avec 3 valves } 10-6810-15/39/45

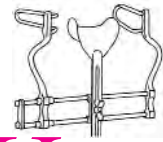
اکارتور واژینال

Vulva-Spreizer

Vaginal Retractors

Separadores para la Vulva

Ecarteurs Vulvaires



Univer® 10
C



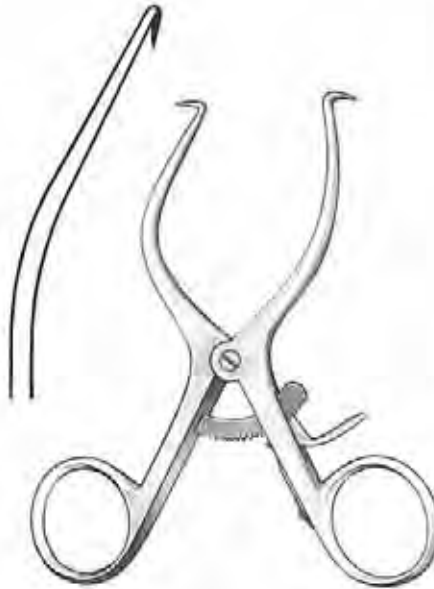
Joll

10 cm/4" 10-6820-10

13 cm/5" 10-6820-13

15,5 cm/6" 10-6820-15

Thyreoid-und Vulva-spreizer
Thyroid and Vaginal retractor
Separador para tirodes y Vagina
Ecarteur pour throïde et vulva



Gelpi

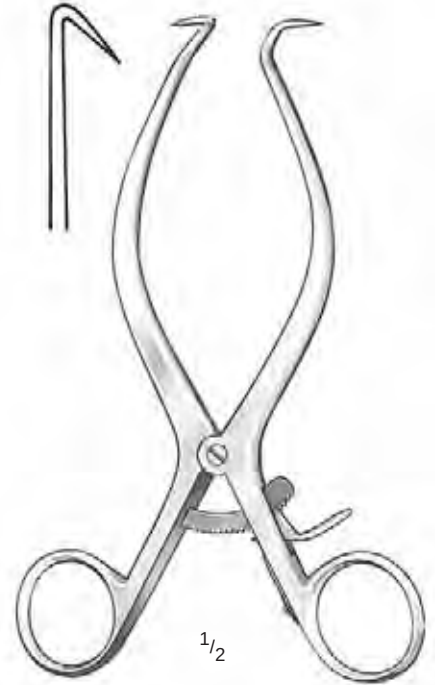
9 cm/3 1/2" = 10-6830-09

11 cm/4 1/4" = 10-6830-11

14 cm/5 1/2" = 10-6830-14

16 cm/6 1/4" = 10-6830-16

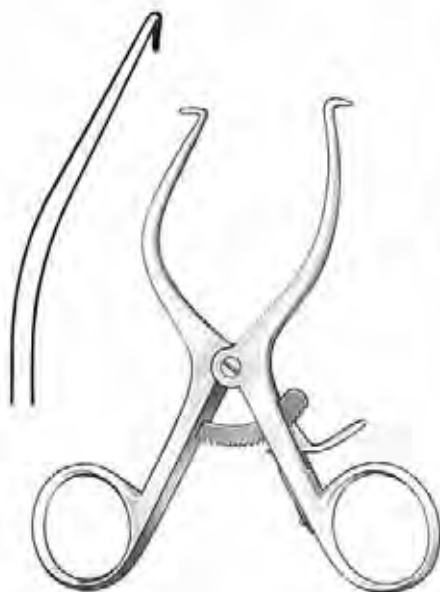
Sharp



Gelpi

19 cm/7 1/2"

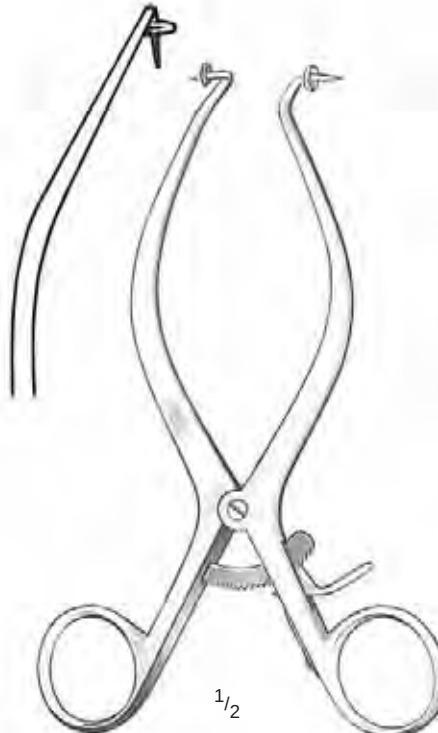
10-6830-19



Gelpi

19 cm/7 1/2"

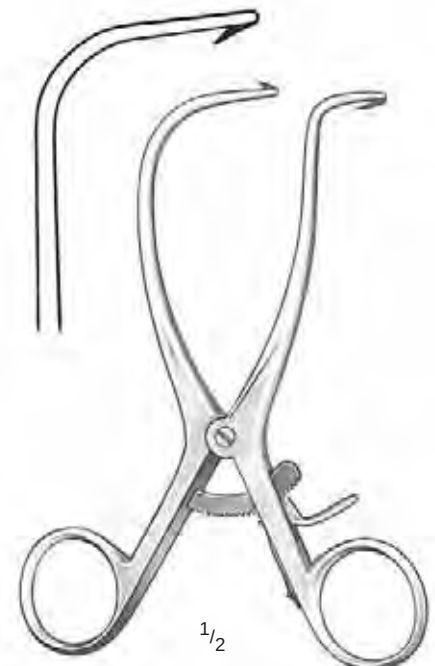
Blunt 10-6831-19



Gelpi

19 cm/7 1/2"

10-6832-19



Seletz-Gelpi

15 cm/6"

10-6834-15

15



انواع چکش، چيزل، گوژ، استوتوم
کورت استخوانی، سوهان، الويتور، دایسکتور

Hämmer, Flachmeißel,
Hohlmeißel, Osteotome,
Scharfe Löffel,
Knochenfeilen, Raspeln,
Rasparatorien, Elevatorien,
Dissektoren

Mallets, Chisels, Gouges,
Osteotomes,
Bone Curettes, Bone Files,
Rasps, Raspatories,
Elevators, Dissectors

Martillos y mazos,
cucharillas cortantes,
limas para huesos,
escofinas, periostótomos,
elevadores, disecadores

Maillets, ciseaux-burins,
gouges, ostéotomes
curettes tranchantes, limes
et râpes à os, rugines,
élévateurs, dissecteurs,
décolleurs

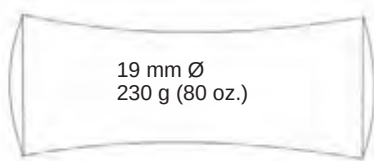
Univer - Made in IRAN



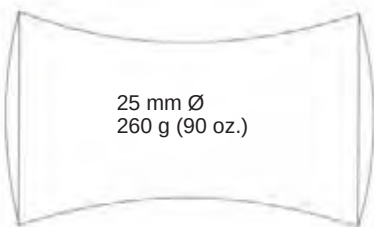
انواع چکش
Hämmer
Mallets
Martillos y Mazos
Maillets



Lucae



19 cm/7 1/2" 22 cm/8 3/4"
15-0008-19 15-0009-19



19 cm/7 1/2" 22 cm/8 3/4"
15-0008-25 15-0009-25



(19,1/4 oz)
30 mm Ø 26,5 cm/10 1/2"
510 g 15-0010-90

Kunststoffgriff
fiber handle
mango de plástico
manche en matière plastique

26,5 cm/10 1/2"
15-0012-55



50 mm Ø
900 g

26,5 cm/10 1/2"
15-0010-90



500 g (17 1/2 oz.)

500 g 26 cm/10 1/4"
700 g 15-0011-50
1000 g 15-0011-70
15-0011-91



30 mm Ø
450 g

Kunststoffgriff
fiber handle
mango de plástico
manche en matière plastique

Fiber Handle
26 cm/10 1/4"
15-0012-44



Post Mortem
23,5 cm/9 1/4"
15-0013-23



Kopf mit Bleifüllung
lead filled head
cabeza con relleno de plomo
alourdi de plomb

15-0014-01



1/2

16,5 cm/6 1/2"

20 mm Ø
150 g (5 1/4oz.)

Kopf Messing, massiv
head brass, solid
cabeza latón, macizo
tête en laiton, massive

15-0014-02



1/2

Ø 27 mm
140 g (5 oz.)

Stahl, massiv
steel, solid
acero, macizo
acier, solide

Hajek

19,5 cm/7 3/4"
15-0022-14



1/2

30 mm Ø
240 g (8 1/2oz.)

1 Seite flach
1 Seite konvex
1 side flat
1 side convex
1 lado piano
1 lado convexo
1 face plate
1 face convexe

Cottle

19 cm/7 1/2"
15-0039-24

22 mm Ø
200 g (7 oz.)



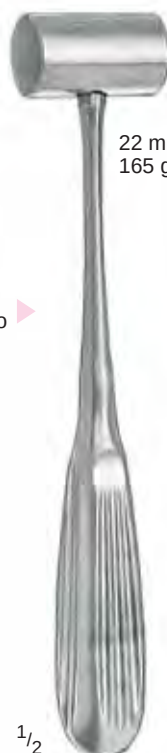
1/2

Partsch

19,5 cm/7 3/4"
15-0068-20

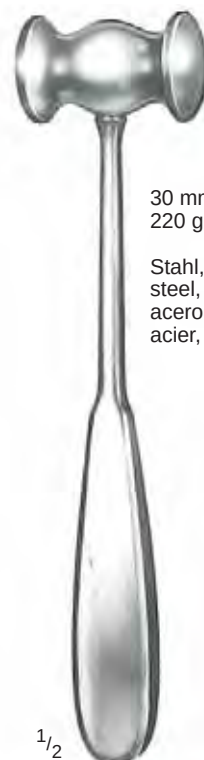
Kopf mit Bleifüllung
lead filled head
cabeza con relleno de plomo
alourdi de plomb

22 mm Ø
165 g (6 oz.)



1/2

19 cm/7 1/2"
15-0079-16



1/2

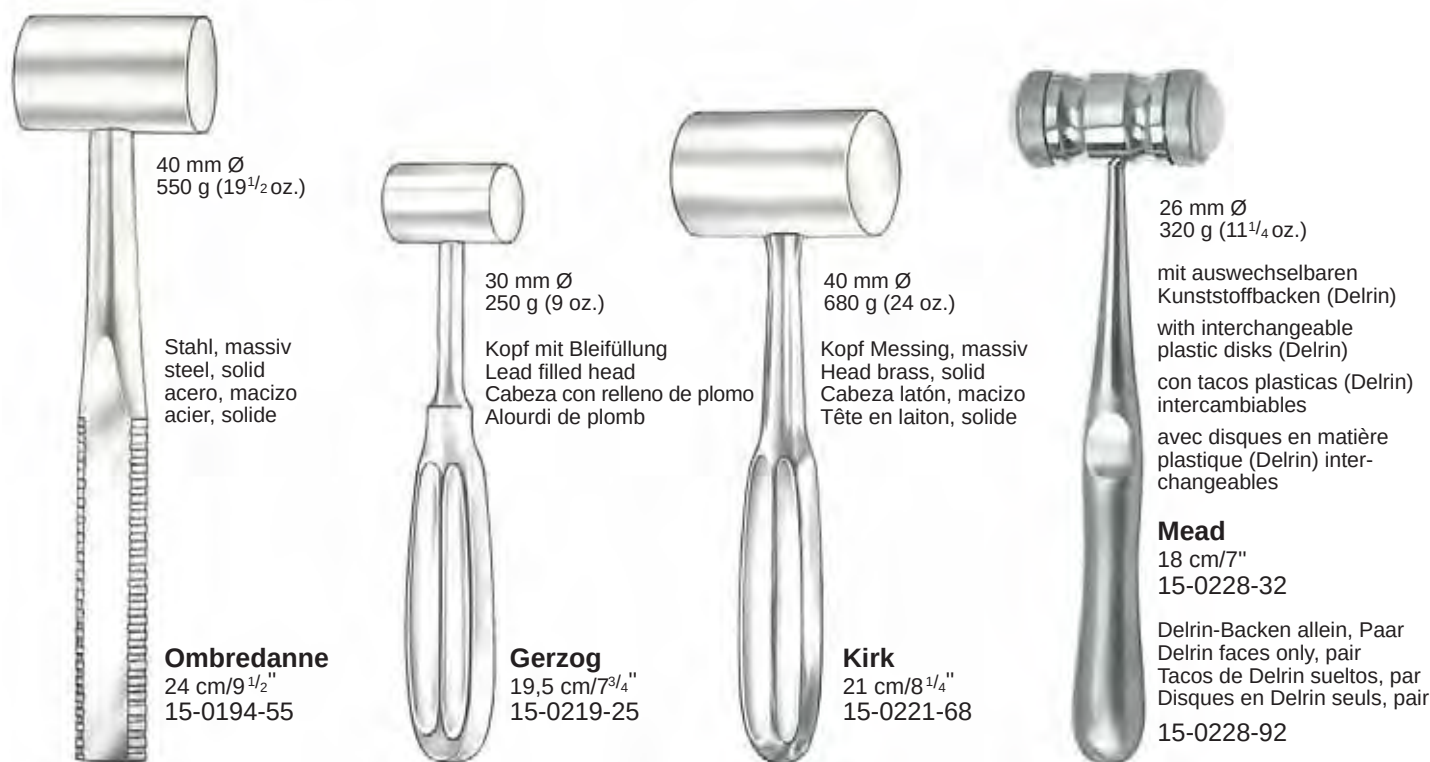
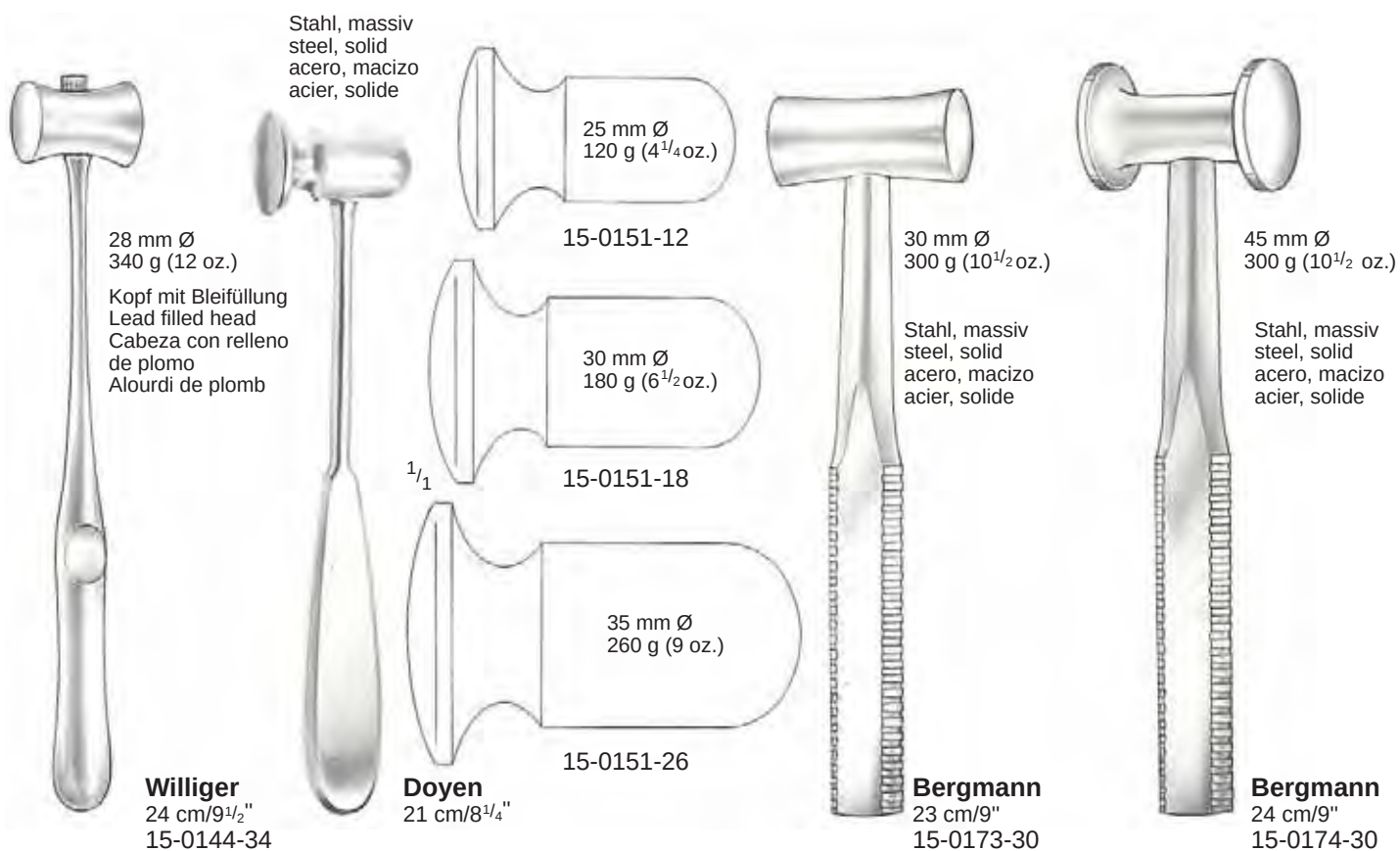
30 mm Ø
220 g (7 3/4"oz.)

Stahl, massiv
steel, solid
acero, macizo
acier, solide

Collin

20 cm/9"
15-0120-20

انواع چکش
Hämmer
Mallets
Martillos y Mazos
Maillets



انواع چيزل و گوژ ناودانی

Stößel, Flachmeißel, Hohlmeißel, Osteotome

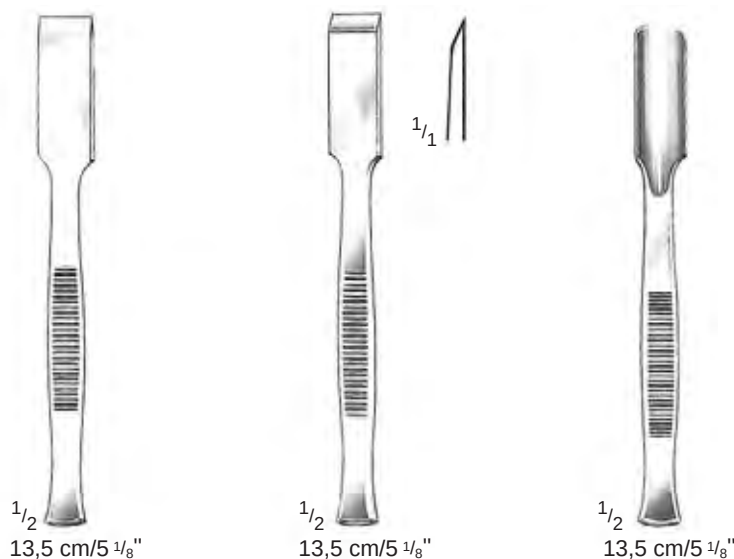
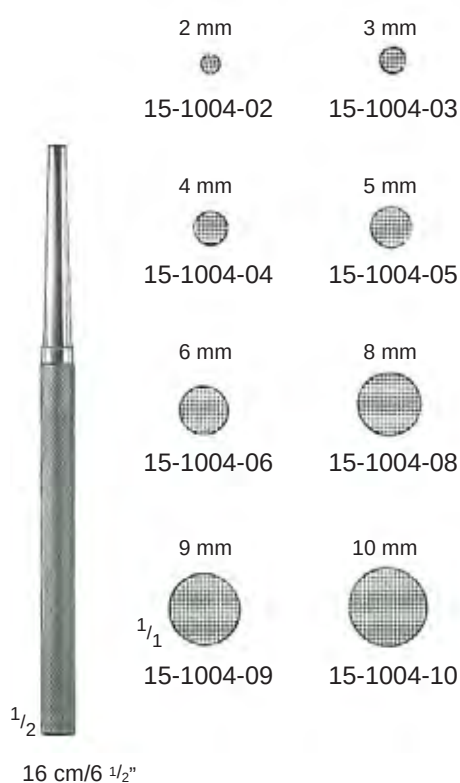
Hemostats, Chisels, Gouges, Osteotomes

Hemostáticos, cinceles, gubias, osteótomos

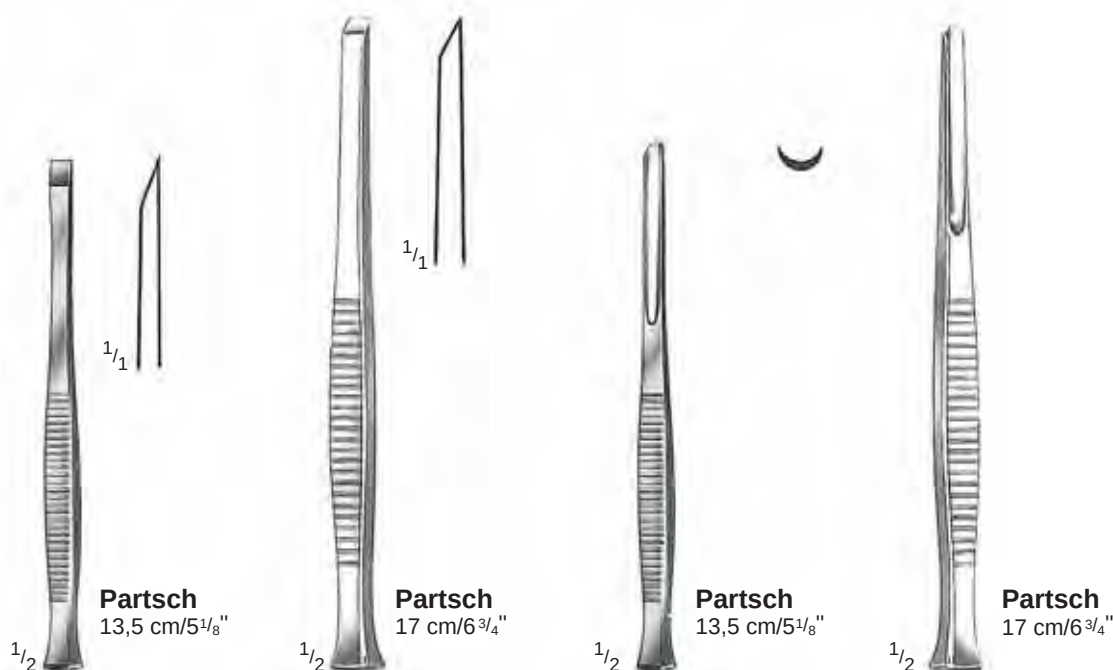
Fouloirs hémostatiques, ciseaux-burins, gouges, ostéotomies



15



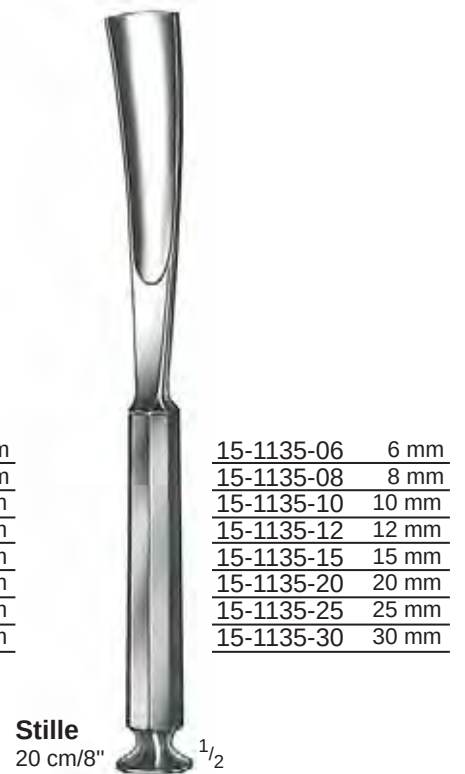
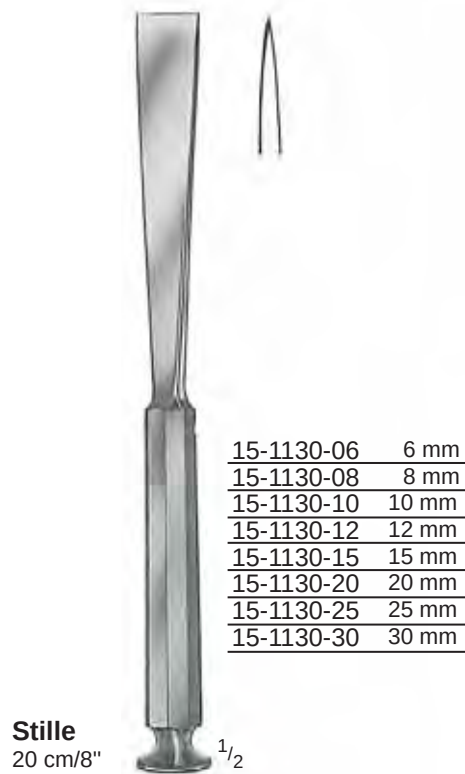
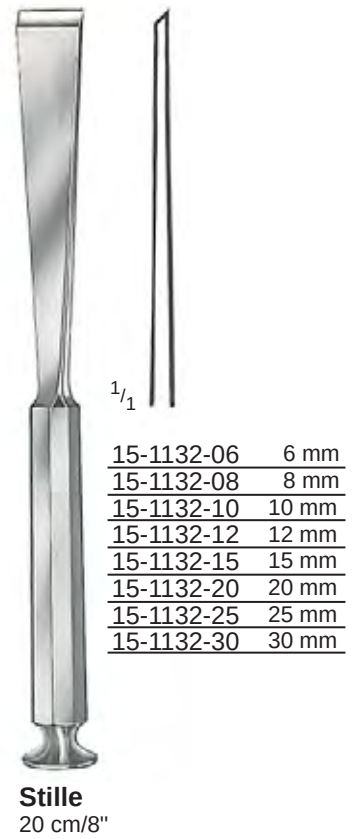
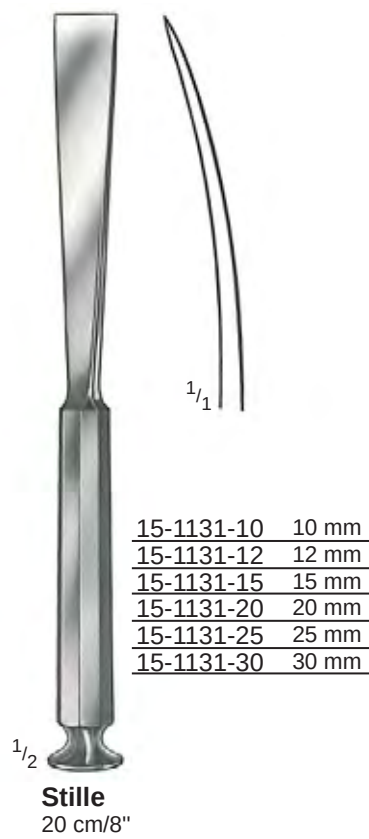
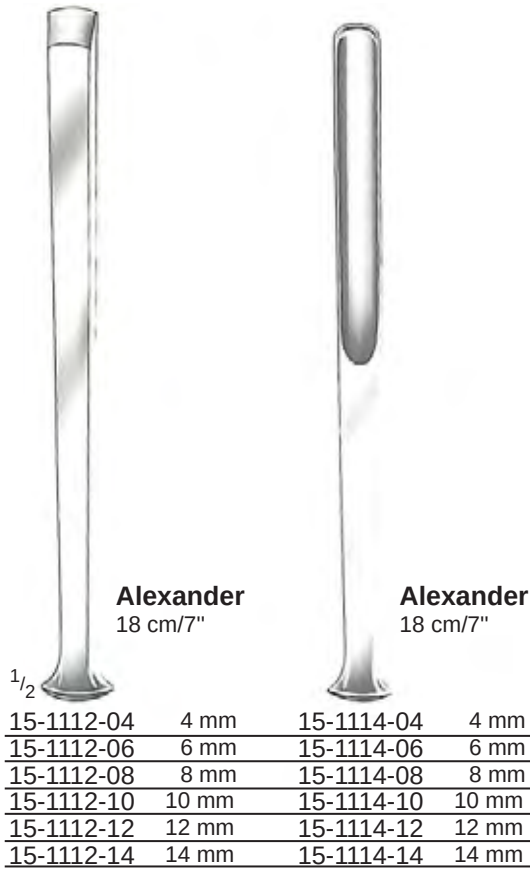
15-1020-04	4 mm	15-1022-04	4 mm	15-1024-04	4 mm
15-1020-06	6 mm	15-1022-06	6 mm	15-1024-06	6 mm
15-1020-08	8 mm	15-1022-08	8 mm	15-1024-08	8 mm
15-1020-10	10 mm	15-1022-10	10 mm	15-1024-10	10 mm
15-1020-12	12 mm	15-1022-12	12 mm	15-1024-12	12 mm
15-1020-14	14 mm	15-1022-14	14 mm	15-1024-14	14 mm
15-1020-16	16 mm	15-1022-16	16 mm	15-1024-16	16 mm



15-1062-02	2 mm	15-1072-02	2 mm	15-1064-02	2 mm	15-1074-02	2 mm
15-1062-03	3 mm	15-1072-03	3 mm	15-1064-03	3 mm	15-1074-03	3 mm
15-1062-04	4 mm	15-1072-04	4 mm	15-1064-04	4 mm	15-1074-04	4 mm
15-1062-05	5 mm	15-1072-05	5 mm	15-1064-05	5 mm	15-1074-05	5 mm
15-1062-06	6 mm	15-1072-06	6 mm	15-1064-06	6 mm	15-1074-06	6 mm
15-1062-07	7 mm	15-1072-07	7 mm	15-1064-07	7 mm	15-1074-07	7 mm
15-1062-08	8 mm	15-1072-08	8 mm	15-1064-08	8 mm	15-1074-08	8 mm

انواع چيزل و گوژ

Osteotome Flachmeißel, Hohlmeißel,
Osteotomes, Chisels, Gouges
Osteótomes, cinceles, gubias
Ostéotomes, ciseaux-burins, gouges

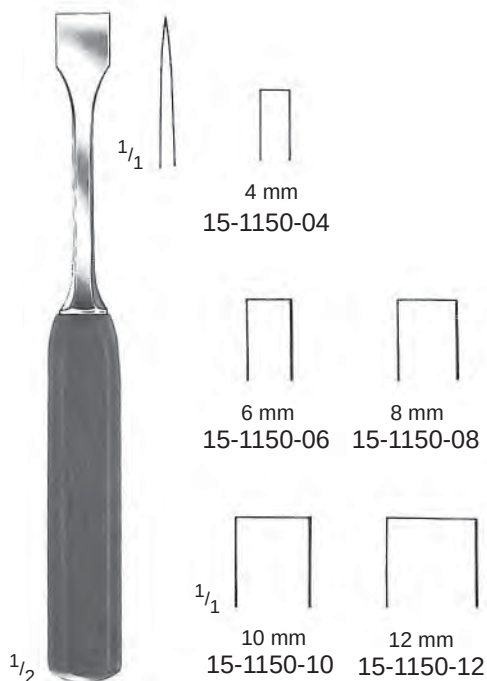


انواع گوژ و استوتوم

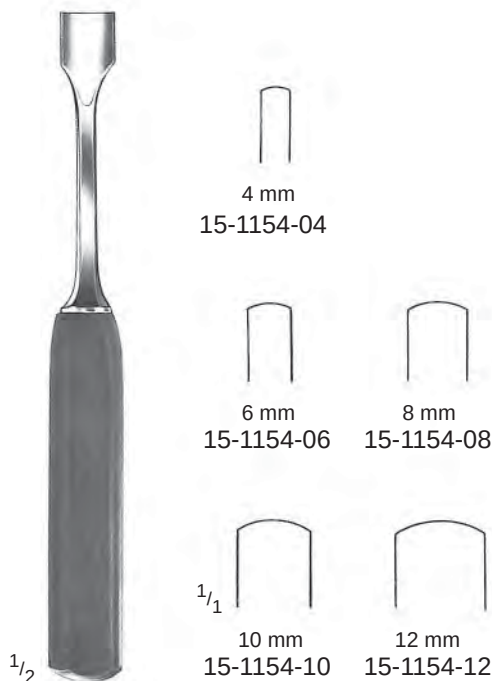
Flachmeißel, Hohlmeißel, mit Ferrozell (Novotex) -Griff
Chisels, Gouges, with Ferrozell (Novotex) Handles
Cinceles, gubias, con mangos de Ferrozell (Novotex)
Ciseaux-burins, gouges, manche en Ferrozell (Novotex)



15



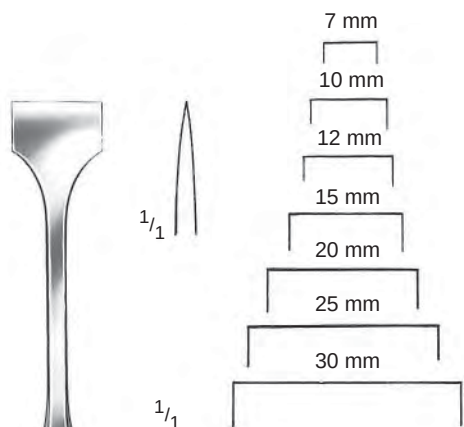
Mini-Lexer
18 cm/7"



Mini-Lexer
18 cm/7"



16,5 cm/6 1/2"
15-1155-02

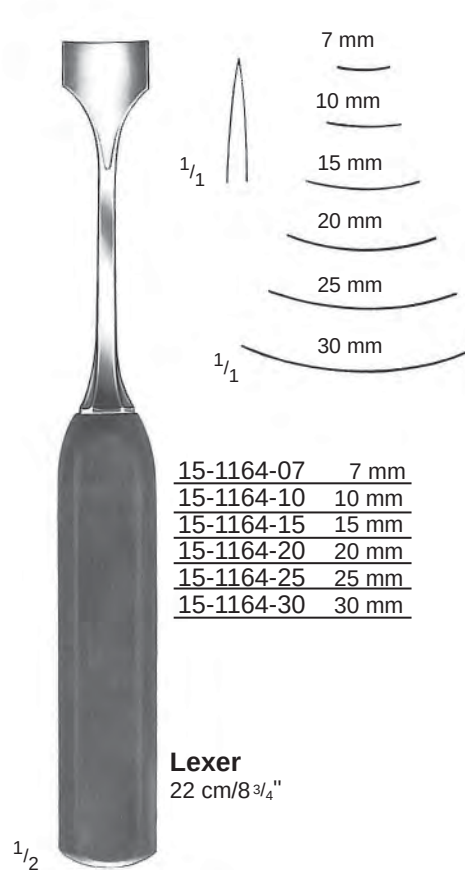


15-1160-07	7 mm	15-1161-07
15-1160-10	10 mm	15-1161-10
15-1160-12	12 mm	15-1161-12
15-1160-15	15 mm	15-1161-15
15-1160-20	20 mm	15-1161-20
15-1160-25	25 mm	
15-1160-30	30 mm	

Lexer
22 cm/8 3/4"



Obwegeser
22 cm/8 3/4"



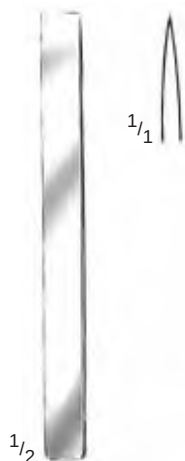
15-1164-07	7 mm
15-1164-10	10 mm
15-1164-15	15 mm
15-1164-20	20 mm
15-1164-25	25 mm
15-1164-30	30 mm

Lexer
22 cm/8 3/4"



انواع استوتوم تخت

Osteotome
Osteotomes
Osteótomos
Ostéotomes



Mini-Lambotte

12,5 cm/5"

17 cm/6³/₄" #

2 mm 15-1200-02 # 15-1207-02	3 mm 15-1200-03 # 15-1207-03	4 mm 15-1200-04 # 15-1207-04	6 mm 15-1200-06 # 15-1207-06
8 mm 15-1200-08 # 15-1207-08	10 mm 15-1200-10 # 15-1207-10	12 mm 15-1200-12 # 15-1207-12	15 mm 15-1200-15 # 15-1207-15



Lambotte

24 cm/9¹/₂"

15-1210-04	4 mm
15-1210-06	6 mm
15-1210-08	8 mm
15-1210-10	10 mm
15-1210-13	13 mm
15-1210-16	16 mm
15-1210-18	18 mm
15-1210-20	20 mm
15-1210-25	25 mm
15-1210-30	30 mm
15-1210-38	38 mm
15-1210-44	44 mm
15-1210-50	50 mm



Lambotte

24 cm/9¹/₂"

15-1211-04	4 mm
15-1211-06	6 mm
15-1211-08	8 mm
15-1211-10	10 mm
15-1211-13	13 mm
15-1211-16	16 mm
15-1211-18	18 mm
15-1211-20	20 mm
15-1211-25	25 mm
15-1211-30	30 mm
15-1211-38	38 mm
15-1211-44	44 mm
15-1211-50	50 mm



Smith-Petersen
20 cm/8"



Smith-Petersen
20 cm/8"



Smith-Petersen
20 cm/8"



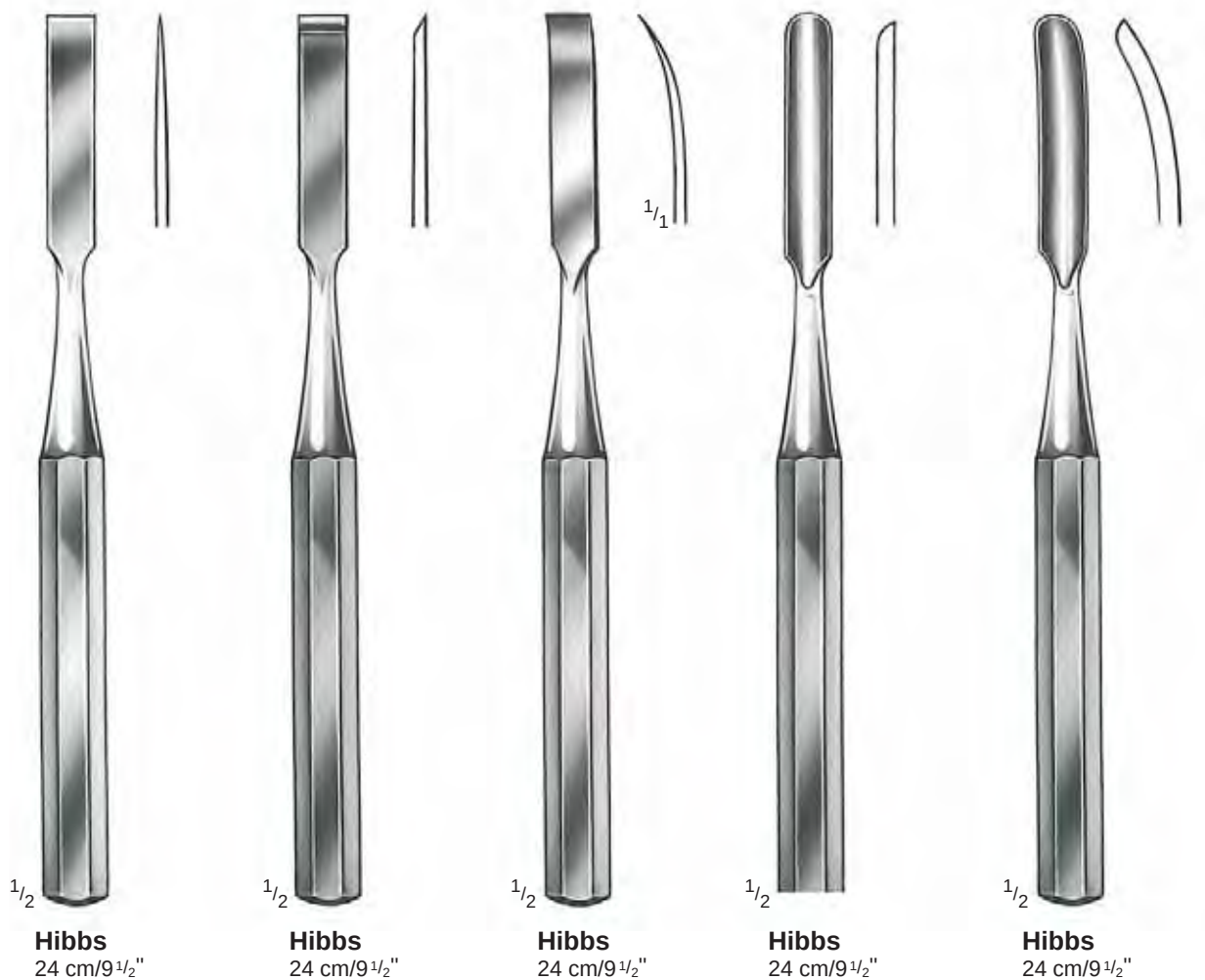
Smith-Petersen
20 cm/8"

6 mm	15-1230-06	15-1231-06	-	-
9 mm	15-1230-09	15-1231-09	15-1234-09	15-1235-09
13 mm	15-1230-13	15-1231-13	-	15-1235-13
14 mm	15-1230-14	-	15-1234-14	15-1235-14
16 mm	15-1230-16	15-1231-16	15-1234-16	-
19 mm	15-1230-19	15-1231-19	15-1234-19	15-1235-19
25 mm	15-1230-25	15-1231-25	15-1234-25	15-1235-25
32 mm	15-1230-32	15-1231-32	15-1234-32	15-1235-32

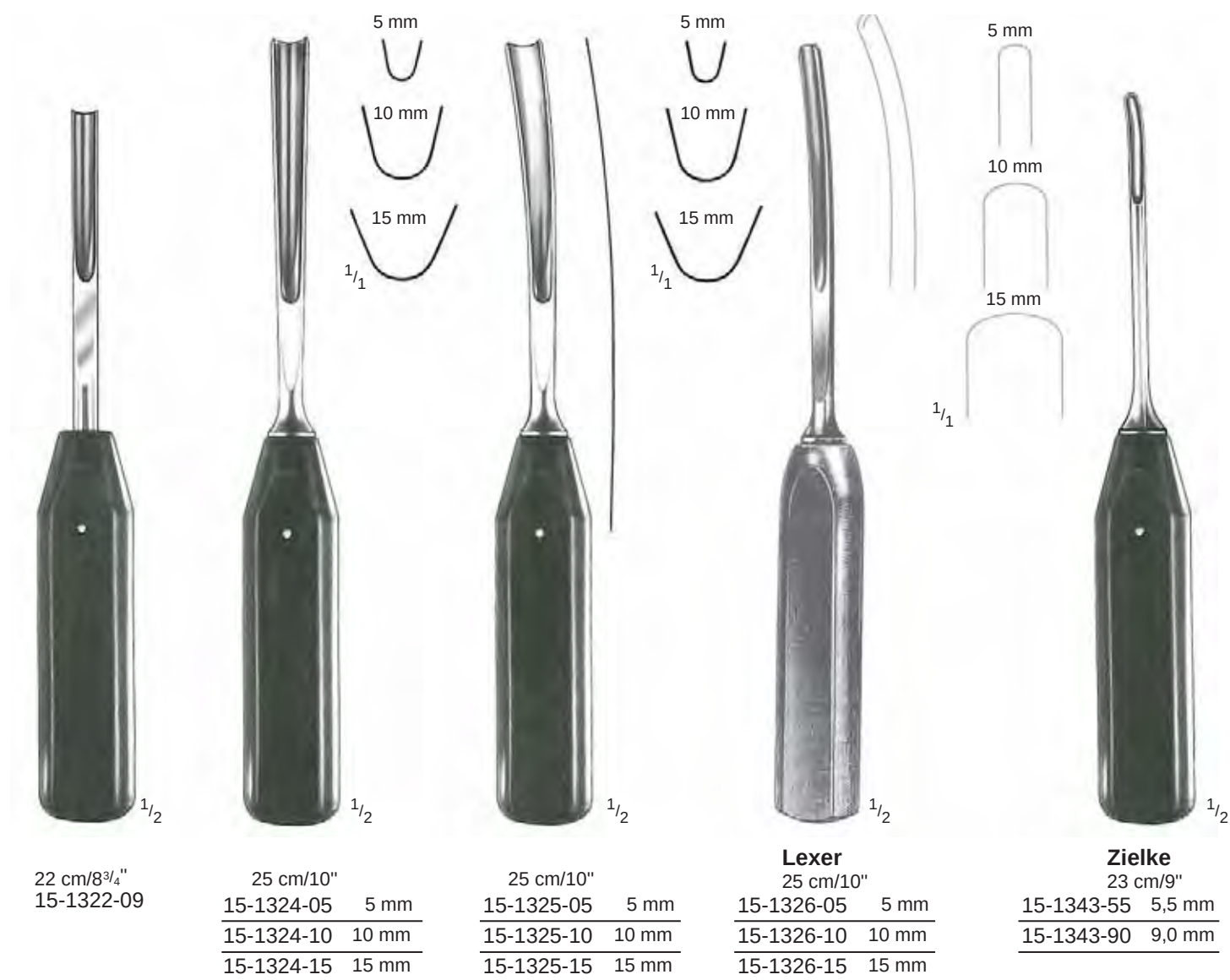


انواع گوژ و استوتوم

Osteotome, Flachmeißel, Hohlmeißel,
Osteotomes, Chisels, Gouges
Osteótomos, cinceles, gubias
Ostéotomes, ciseaux-burins, gouges



6 mm	15-1250-06	15-1252-06	15-1251-06	15-1254-06	15-1255-06
8 mm		15-1252-08			
13 mm	15-1250-13	15-1252-13	15-1251-13	15-1254-13	15-1255-13
19 mm	15-1250-19	15-1252-19	15-1251-19	15-1254-19	15-1255-19
25 mm	15-1250-25	15-1252-25	15-1251-25	15-1254-25	15-1255-25
32 mm	15-1250-32	15-1252-32	15-1251-32	15-1254-32	15-1255-32





8 mm

 $\frac{1}{2}$

Cobb
28 cm/11"
15-1358-08

8 mm

 $\frac{1}{2}$

Cobb
28 cm/11"
15-1358-28

8 mm

 $\frac{1}{2}$

Cobb
28 cm/11"
15-1358-48

8 mm

 $\frac{1}{2}$

Cobb
28 cm/11"
15-1358-68

انواع گوژ و چيزل رينوپلاستي

Flach- und Hohlmeißel für Rhinologie und plastische Operationen

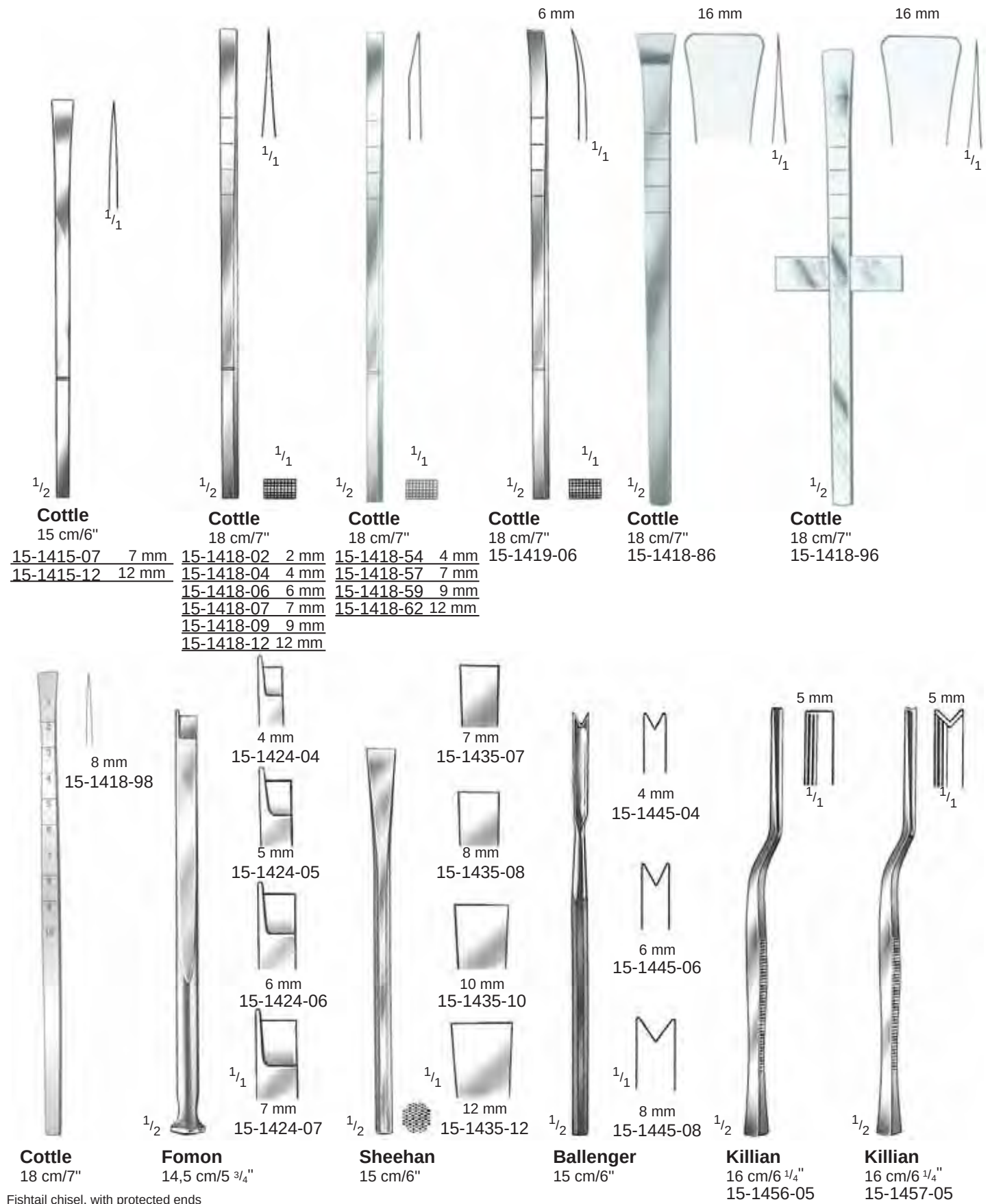
Chisels and Gouges for Rhinology and Plastic Operations

Cinceles y gubias para Rinología y para operaciones plásticas

Ciseaux-burins et gouges pour Rhinologie et pour opérations plastiques



15





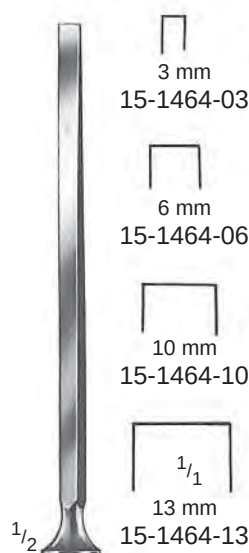
انواع گوژ و استوتوم بینی (صلیبی - لترال - دبل گارد)

Flach- und Hohlmeißel für Rhinologie und plastische Operationen

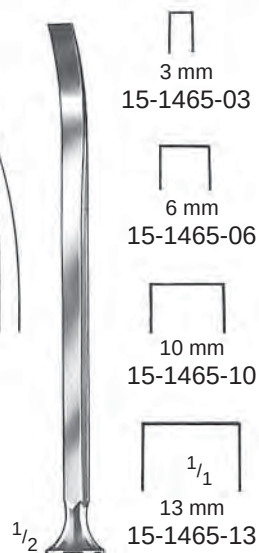
Chisels, Gouges for Rhinology and Plastic Operations

Cinceles y gubias para Rinología y para operaciones plásticas

Ciseaux-burins et gouges pour Rhinologie et pour opérations plastiques



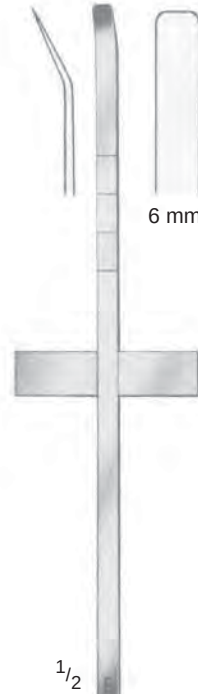
Carroll (French pattern)
14,5 cm/5 3/4"



Carroll (French pattern)
14,5 cm/5 3/4"



Cottle
18 cm/7"



Cottle
18 cm/7"
15-1519-06



Cinelli
16 cm/6 1/4"



10 mm
15-1526-10



12 mm
15-1526-12



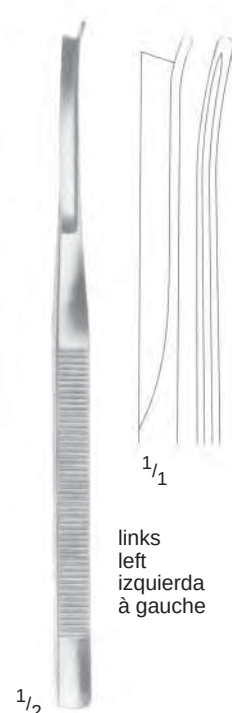
14 mm
15-1526-14



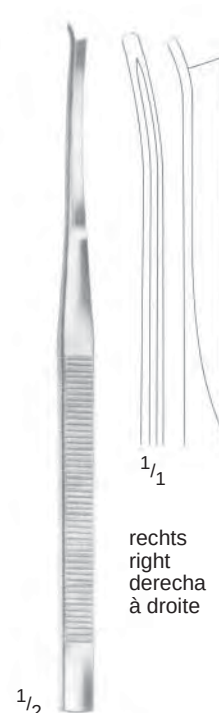
16 mm
15-1526-16



Silver
18 cm/7"
15-1538-01



Silver
18 cm/7"
15-1538-02



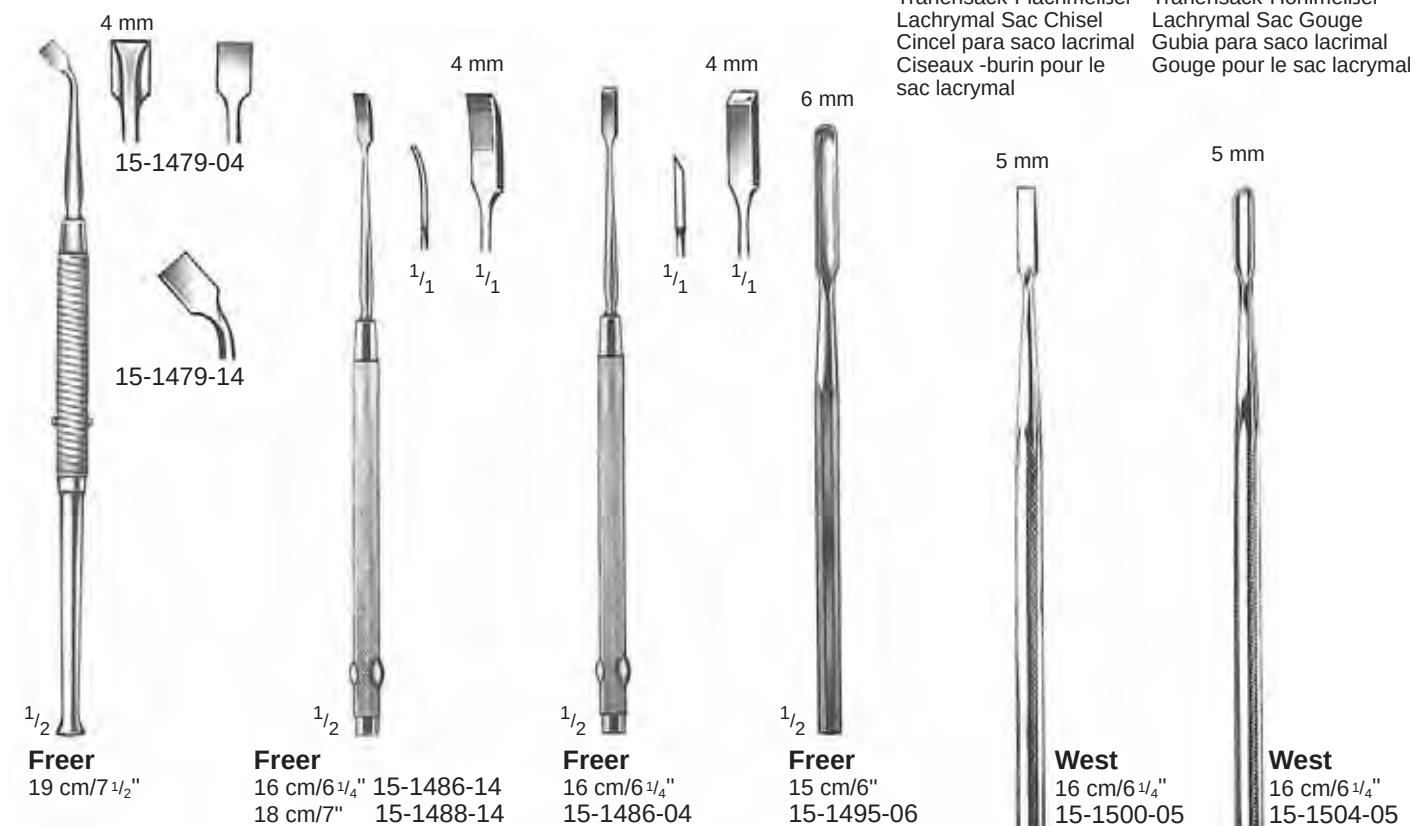
Silver
18 cm/7"
15-1538-03

انواع استوتوم و چيزل

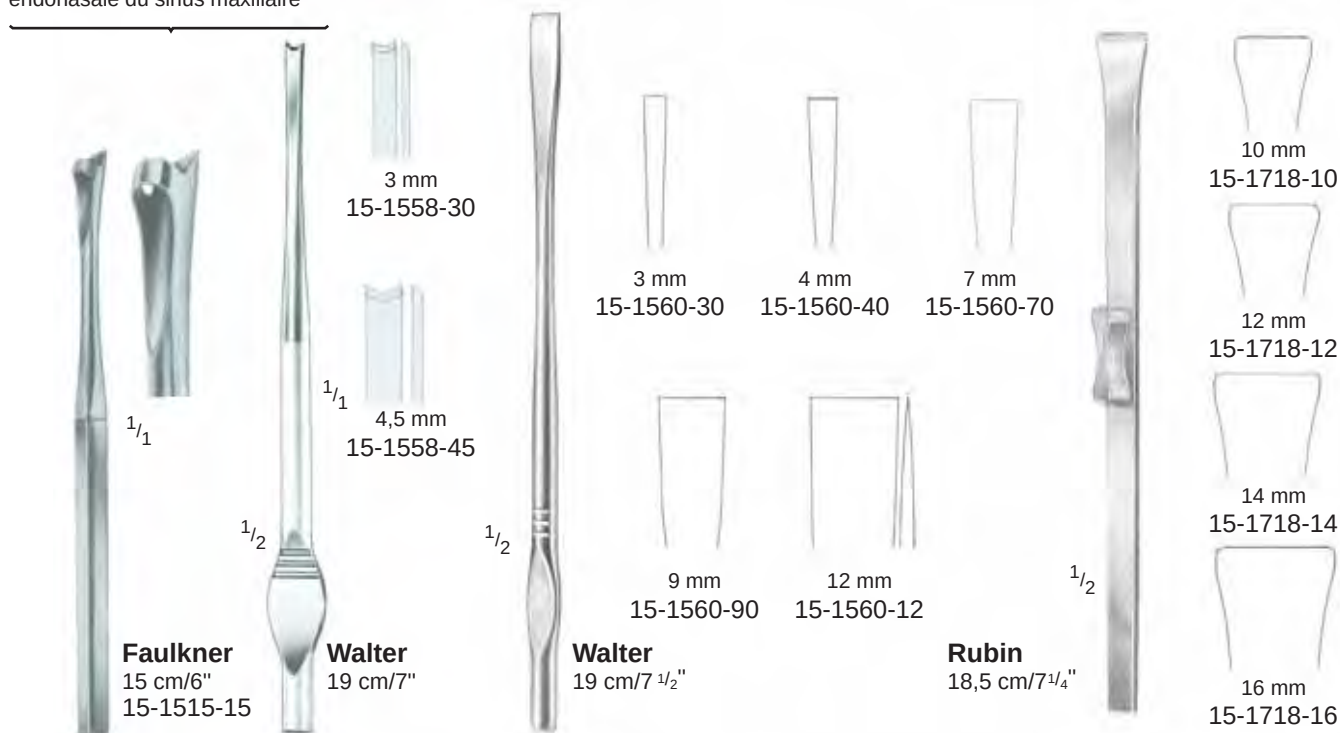
Peristome, Flach- und Hohlmeißel
Periosteotomes, Ciseles and Gouges
Periostótomos, cinceles y gubias
Périostotomes, ciseaux-burins et gouges



15



Meißel zur endonasalen Kiefer-
höhlenöffnung
Antrum Trocar Chisel
Cinzel para la apertura endonasal
del seno maxilar
Gouge pour l'ouverture
endonasale du sinus maxillaire



انواع استوتوم و چيزل

Peristome, Flach- und Hohlmeißel

Periosteotomes, Cisels ans Gouges

Periostótomos, cinceles y gubias

Périostotomes, ciseaux-burins et gouges

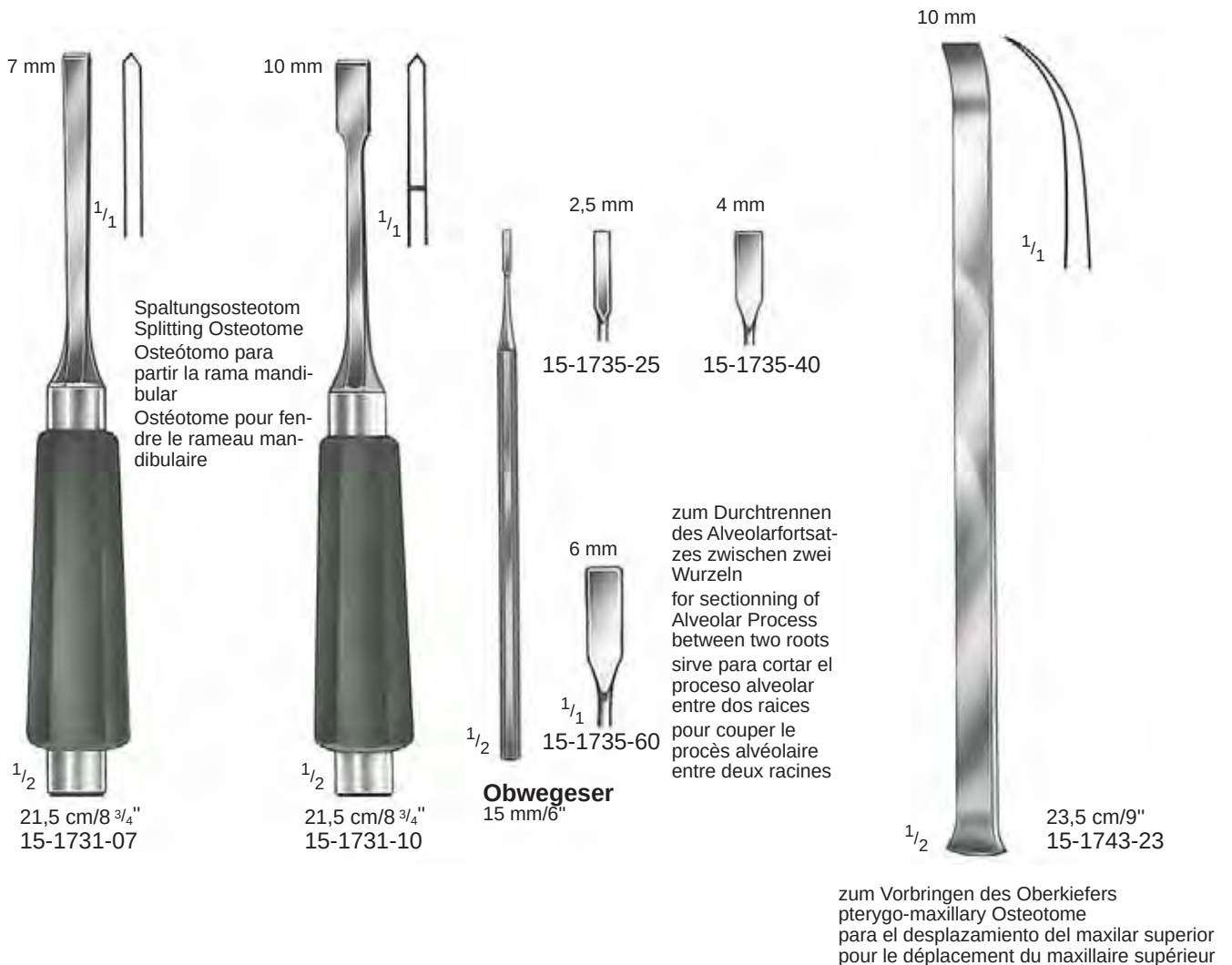
انواع استوتوم فك بالا

Meißel für die Mund-, Kiefer- und Gesichtschirurgie

Chisels for Oral and Maxillo-Facial Surgery

Osteótomos para cirugía bucal y maxilo-facial

Ciseaux-burins pour la chirurgie buccale et maxillo-faciale



چیزل استرنوم - انواع چیزل

Anatomie, Autopsie, Sternummeißel

Anatomy, Post Mortem, Sternum Chisel

Anatomía, autopsia, cincel para esternón

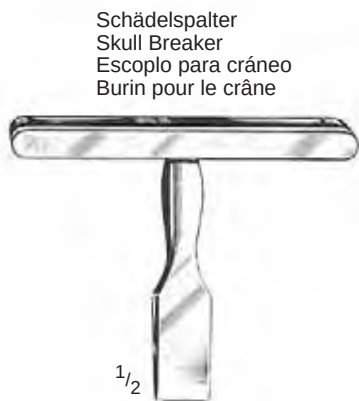
Anatomie, autopsie, sternotome



15

Anatomische Meißel
Dissecting Chisels
Cinceles de disección
Ciseaux à dissection

Zum Eröffnen der Wirbelsäule
for opening the spinal column
para abrir la columna vertebral
pour l'ouverture de la colonne vertébrale



Virchow
15-1620-16



Brunetti
28,5 cm/11 $\frac{1}{4}$ "
15-1628-01



Brunetti
28,5 cm/11 $\frac{1}{4}$ "
15-1628-02



Lebsche
24,5 cm/9 $\frac{3}{4}$ "
15-1675-24



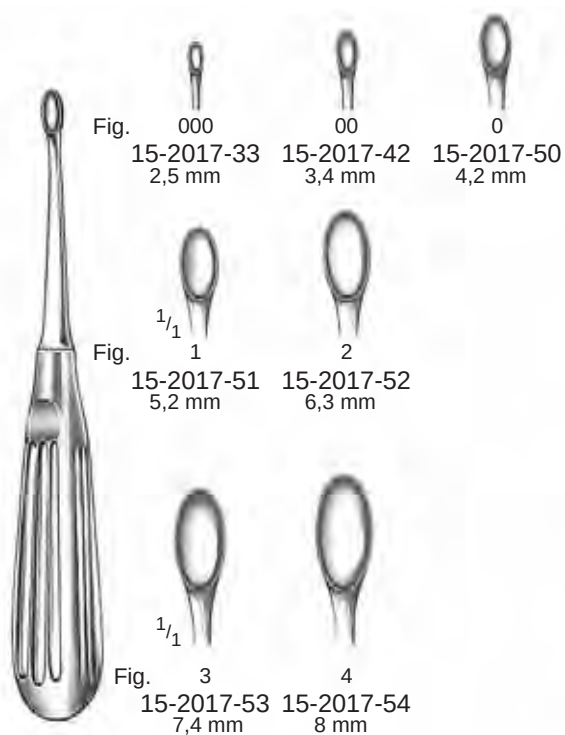
کورت استخوانی کوتاه

Scharfe Löffel

Bone Curettes

Cucharillas cortantes

Curettes tranchantes



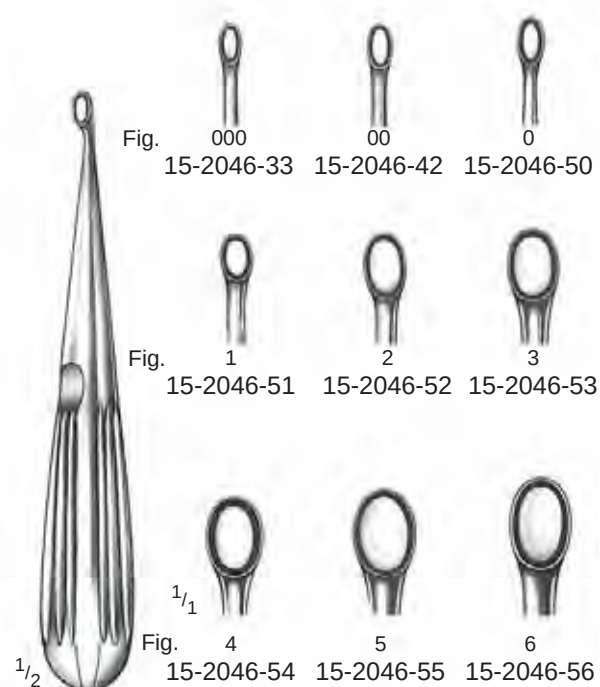
Schede
17 cm/6 3/4"



Volkmann
17 cm/6 3/4"



Bruns
17 cm/6 3/4"



Spratt
16 cm/6 1/4"



Epstein
20 cm/8"



Hibbs-Spratt
(Spinal-Fusion)
20 cm/8"



Hibbs-Spratt
(Spinal-Fusion)
20 cm/8"

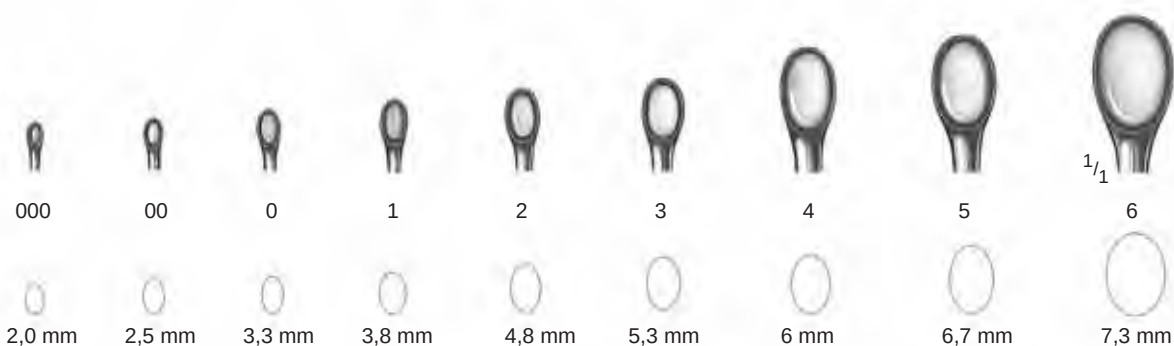
15-2060-33	Fig. 000
15-2060-42	Fig. 00
15-2060-50	Fig. 0

15-2070-33	Fig. 000
15-2070-42	Fig. 00
15-2070-50	Fig. 0
15-2070-51	Fig. 1
15-2070-52	Fig. 2
15-2070-53	Fig. 3
15-2070-54	Fig. 4
15-2070-55	Fig. 5
15-2070-56	Fig. 6

15-2081-33	Fig. 000
15-2081-42	Fig. 00
15-2081-50	Fig. 0
15-2081-51	Fig. 1
15-2081-52	Fig. 2
15-2081-53	Fig. 3
15-2081-54	Fig. 4
15-2081-55	Fig. 5
15-2081-56	Fig. 6



کورت استخوانی
Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curettes tranchantes



Bruns
23 cm/9"



Bruns
23 cm/9"



Bruns
23 cm/9"

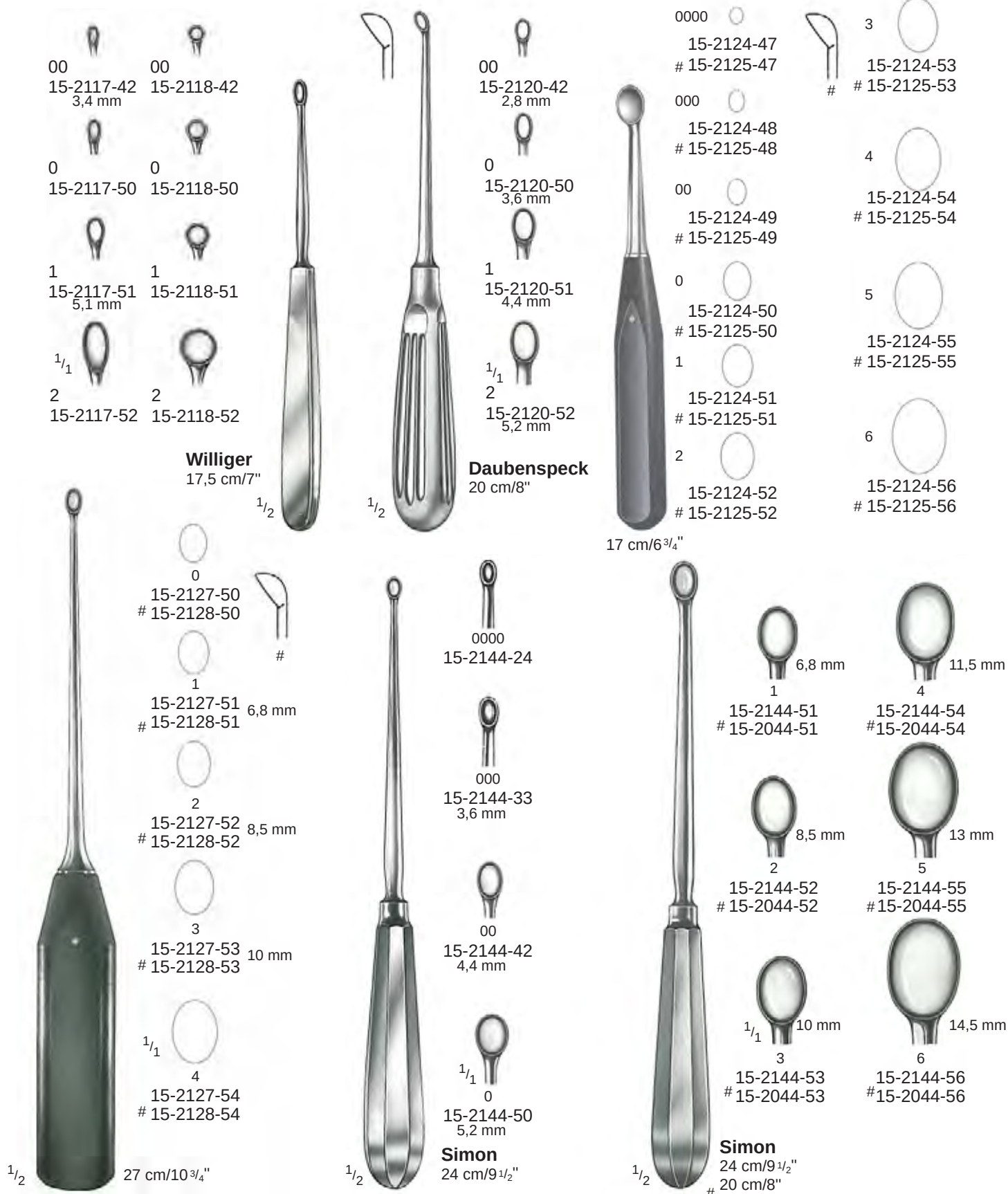


Cobb
28 cm/11"

Straight

Angled 45°

15-2092-33	Fig. 000	15-2093-33	Fig. 000	15-2096-33	15-2095-33	Fig. 000	15-2097-33
15-2092-42	Fig. 00	15-2093-42	Fig. 00	15-2096-42	15-2095-42	Fig. 00	15-2097-42
15-2092-50	Fig. 0	15-2093-50	Fig. 0	15-2096-50	15-2095-50	Fig. 0	15-2097-50
15-2092-51	Fig. 1	15-2093-51	Fig. 1	15-2096-51	15-2095-51	Fig. 1	15-2097-51
15-2092-52	Fig. 2	15-2093-52	Fig. 2	15-2096-52	15-2095-52	Fig. 2	15-2097-52
15-2092-53	Fig. 3	15-2093-53	Fig. 3	15-2096-53	15-2095-53	Fig. 3	15-2097-53
15-2092-54	Fig. 4	15-2093-54	Fig. 4	15-2096-54	15-2095-54	Fig. 4	15-2097-54
15-2092-55	Fig. 5	15-2093-55	Fig. 5	15-2096-55	15-2095-55	Fig. 5	15-2097-55
15-2092-56	Fig. 6	15-2093-56	Fig. 6	15-2096-56	15-2095-56	Fig. 6	15-2097-56



biegsam
malleable
maleable
malléable

Fig. 00 4,4 mm
15-2151-01

Fig. 0 5,2 mm
15-2151-02

Fig. $\frac{1}{1}$ 1 6,8 mm
15-2151-03

Halle
21 cm/8 $\frac{1}{4}$ "

$\frac{1}{1}$

3,6 mm
15-2225-36

4,4 mm
15-2225-44

5,2 mm
15-2225-52

$\frac{1}{1}$ 6,8 mm
15-2225-60

$\frac{1}{2}$ 25 cm/10"

$\frac{1}{1}$

3,6 mm
15-2226-36

4,4 mm
15-2226-44

5,2 mm
15-2226-52

$\frac{1}{1}$ 6,8 mm
15-2226-60

$\frac{1}{2}$ 25 cm/10"

Fig. 00000
15-2171-15

Fig. 0000 1,8 mm
15-2171-24

Fig. 000 2,0 mm
15-2171-33

Fig. 00 2,4 mm
15-2171-42

Fig. 0 2,6 mm
15-2171-50

Fig. $\frac{1}{1}$ 1 2,8 mm
15-2171-51

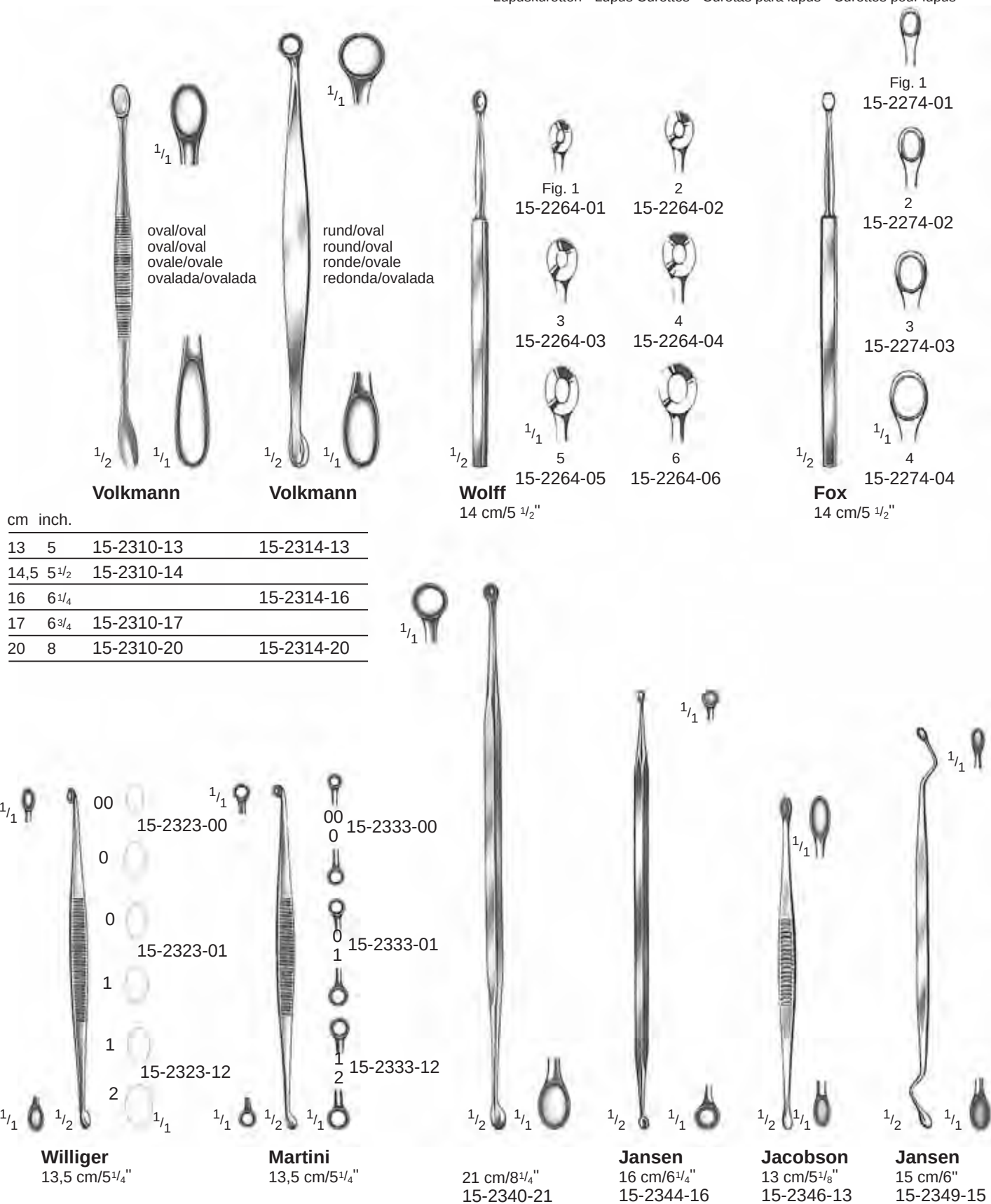
Lempert
21 cm/8 $\frac{1}{4}$ "

$\frac{1}{1}$

Schiller
26 cm/10 $\frac{1}{4}$ "
15-2236-26

$\frac{1}{2}$

Lupusküretten • Lupus Curettes • Curetas para lupus • Curettes pour lupus

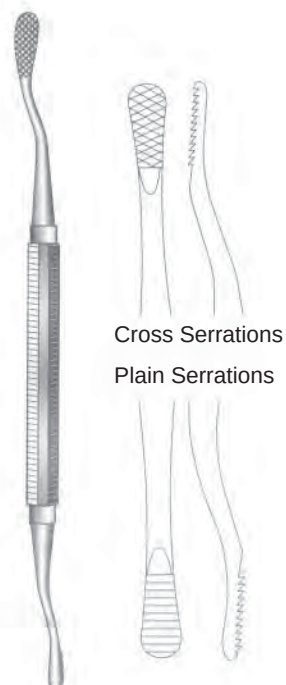




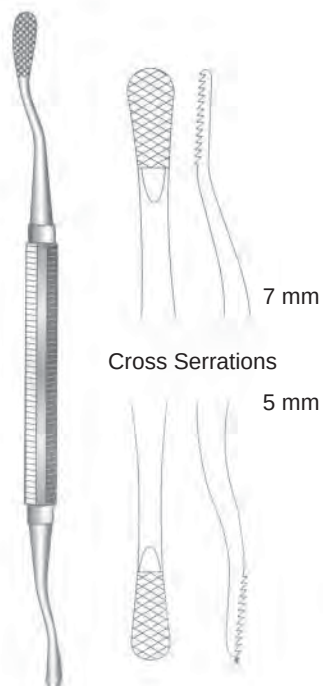
رښپ دو طرفه
Knochenfeilen
Bone Files
Limas para huesos
Limes à os



Miller-Colburn
18 cm/7"
15-2352-18



Miller-Colburn
18 cm/7"
5 mm
15-2354-18



Miller-Colburn
18 cm/7"
15-2356-18



Miller-Colburn
21,5 cm/8½"
13 mm
15-2358-21

رِسپ دوطرفه

Knochenfeilen

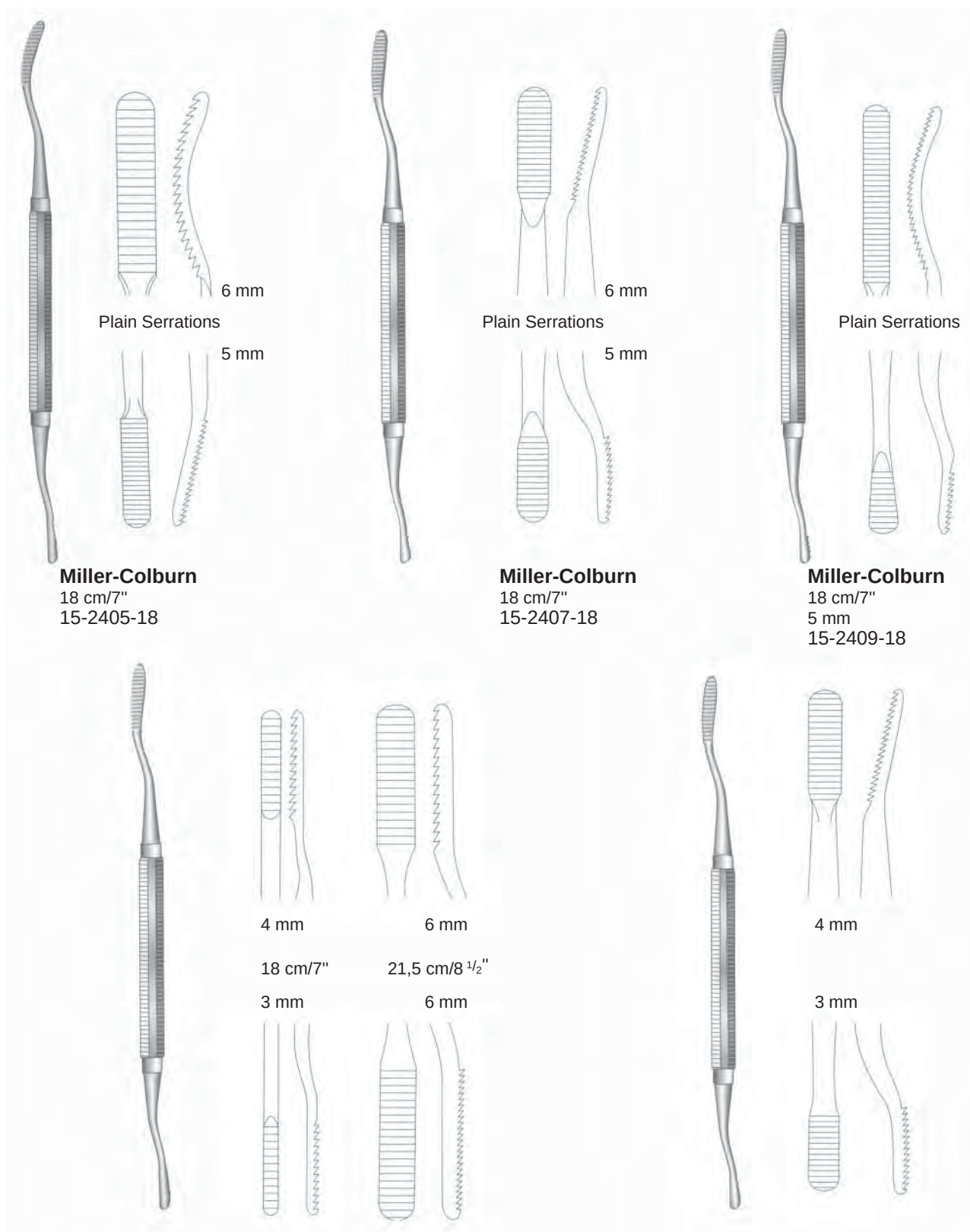
Bone Files

Limas para huesos

Limes à os



15



Miller-Colburn

18 cm/7"

15-2405-18

Miller-Colburn

18 cm/7"

15-2407-18

Miller-Colburn

18 cm/7"

5 mm
15-2409-18

Polokoff Rasp

18 cm/7"

21,5 cm/8½"

15-2411-18

15-2411-21

Miller-Colburn

18 cm/7"

15-2413-18



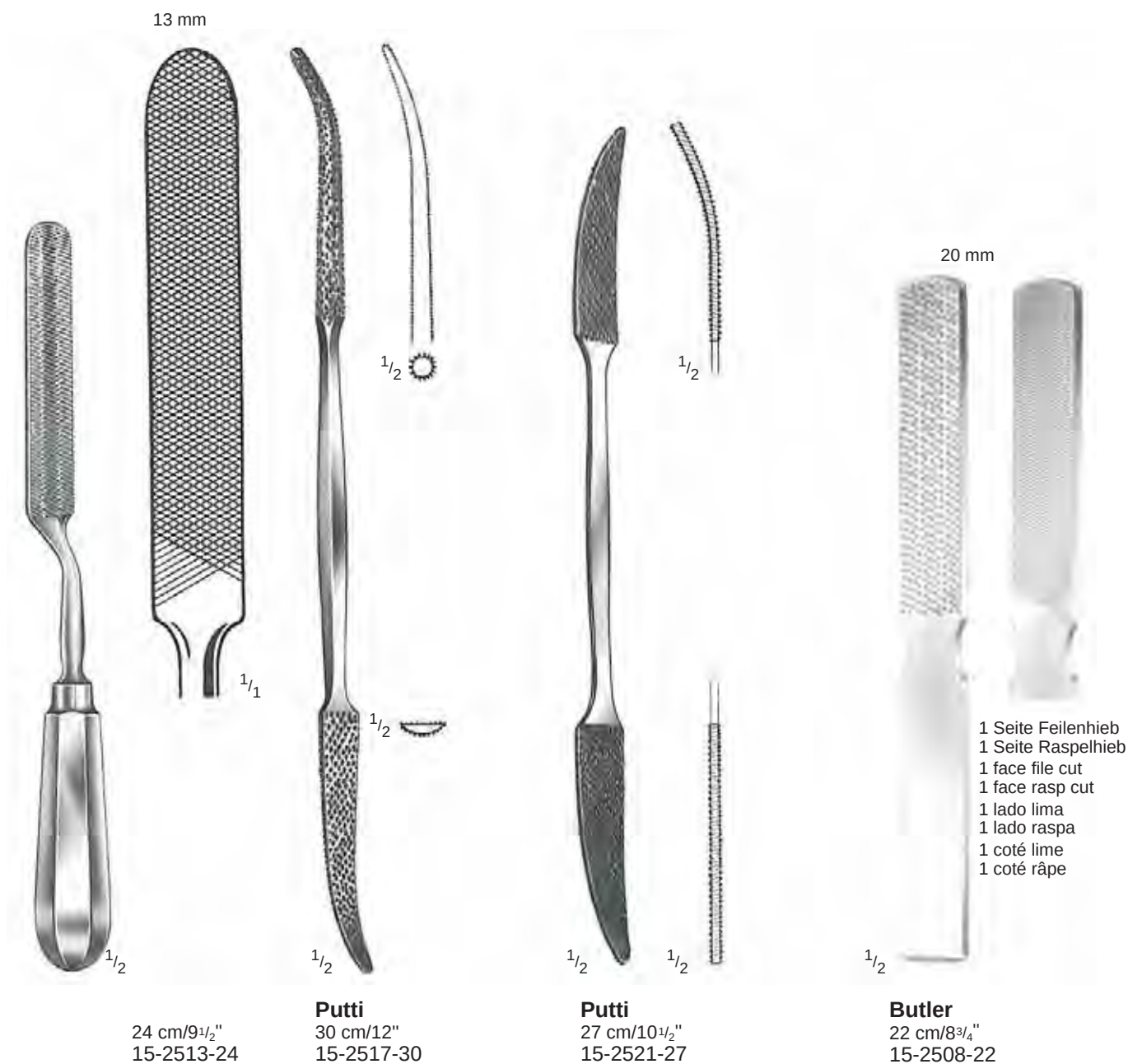
انواع سوهان

Knochenfeilen, Raspeln

Bone Files, Rasps

Limas para huesos, escofinas

Limes à os, râpes à os



انواع سوهان بینی

Knochenfeile, Nasenraspeln

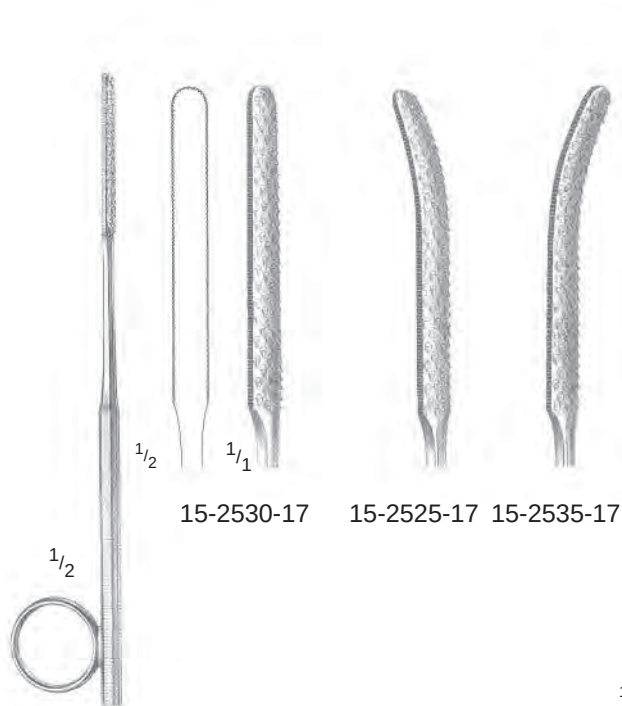
Bone File, Nasal Rasps

Lima para huesos, raspas nasales

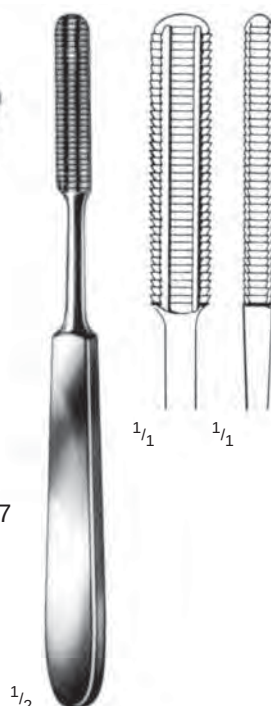
Lime à os, râpes nasales



15



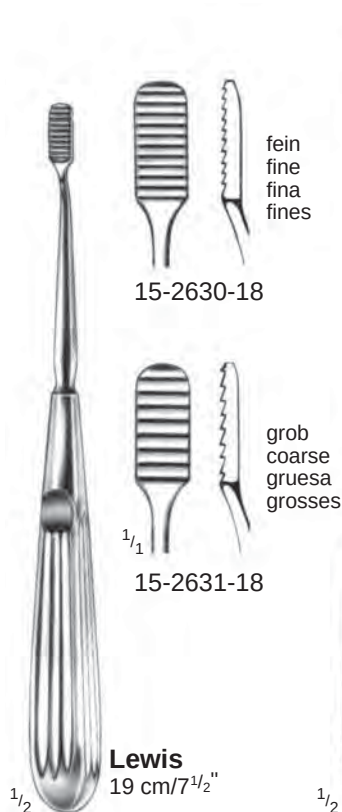
Gallaher
17 cm/6³/₄"
45 x 6mm



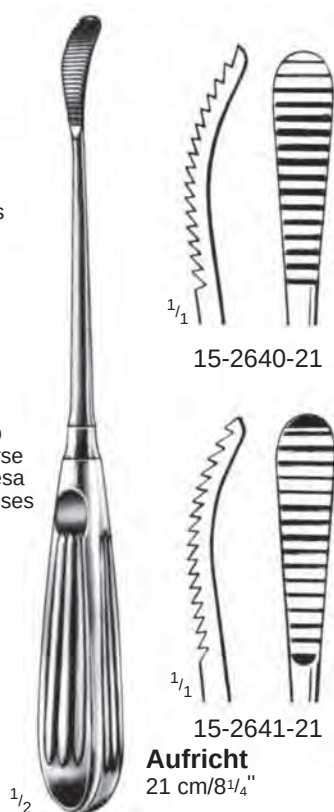
Maltz
18 cm/7"
15-2602-18



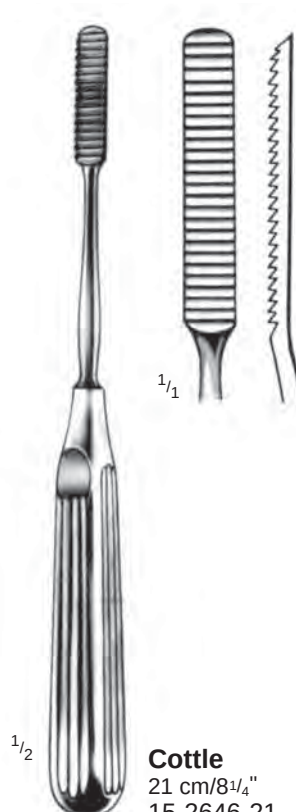
Joseph
16 cm/6¹/₄"
15-2616-01



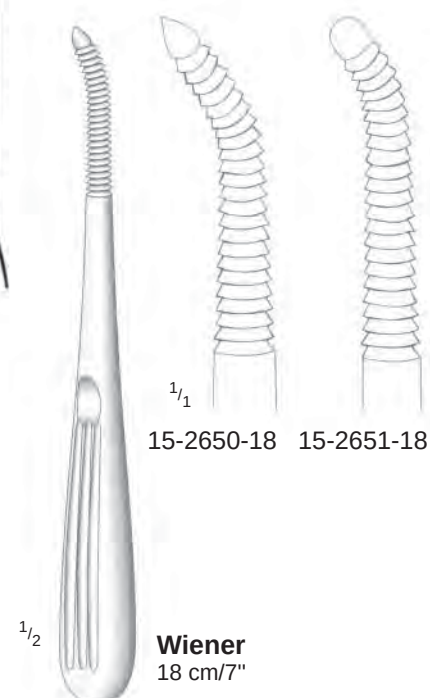
Lewis
19 cm/7¹/₂"



Aufrecht
21 cm/8¹/₄"



Cottle
21 cm/8¹/₄"
15-2646-21



Wiener
18 cm/7"



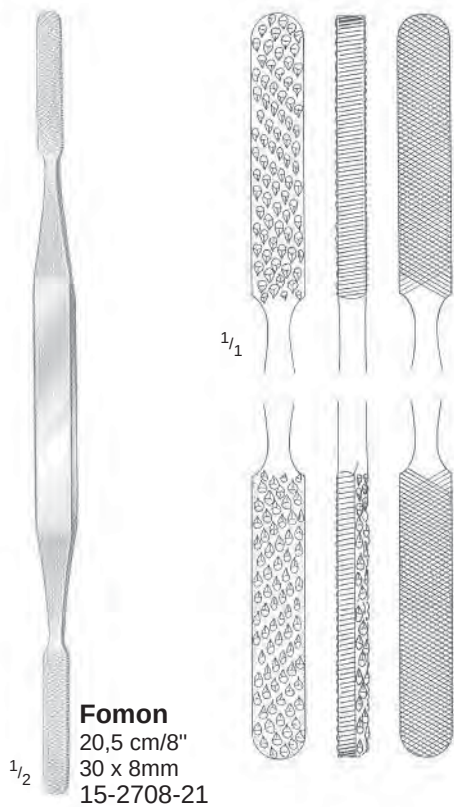
انواع سوهان دوطرفه (فومن)

Raspeln, Typ Fomon

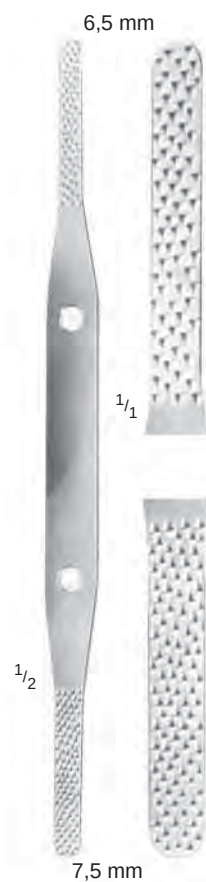
Rasps, Type Fomon

Rasps, Tipo Fomon

Râpes, Type Fomon



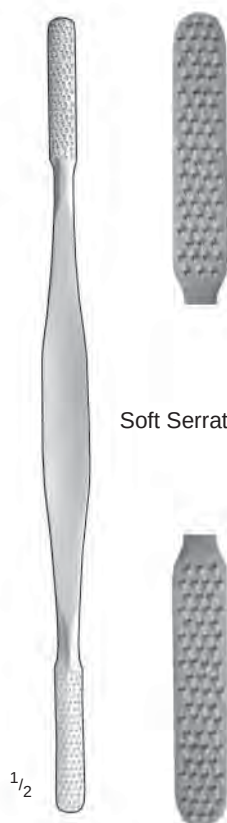
Fomon
20,5 cm/8"
30 x 8mm
15-2708-21



Fomon
21,5 cm/8 1/2"
15-3015-21



Fomon
17 cm/6 3/4"
15-3022-17



Fomon
21 cm/8 1/4"
15-3022-22

Soft Serrations



Fomon
21,5 cm/8 1/2"
15-3023-22

Hard Serrations

انواع سوهان دوطرفه (فومن)
Raspeln, Typ Fomon
Rasps, Type Fomon
Raspas, Tipo Fomon
Râpes, Type Fomon



Fomon
21 cm/8 1/4"



Fomon
21 cm/8 1/4"

				
1	3	5	7	9
12	16	24	36	52
Zähne / teeth per inch.				
				
14	20	30	44	62
2	4	9	8	10
1/1				
15-3024-12	15-3024-34	15-3024-56	15-3024-78	15-3024-91
# 15-3025-12	# 15-3025-34	# 15-3025-56	# 15-3025-78	# 15-3025-91



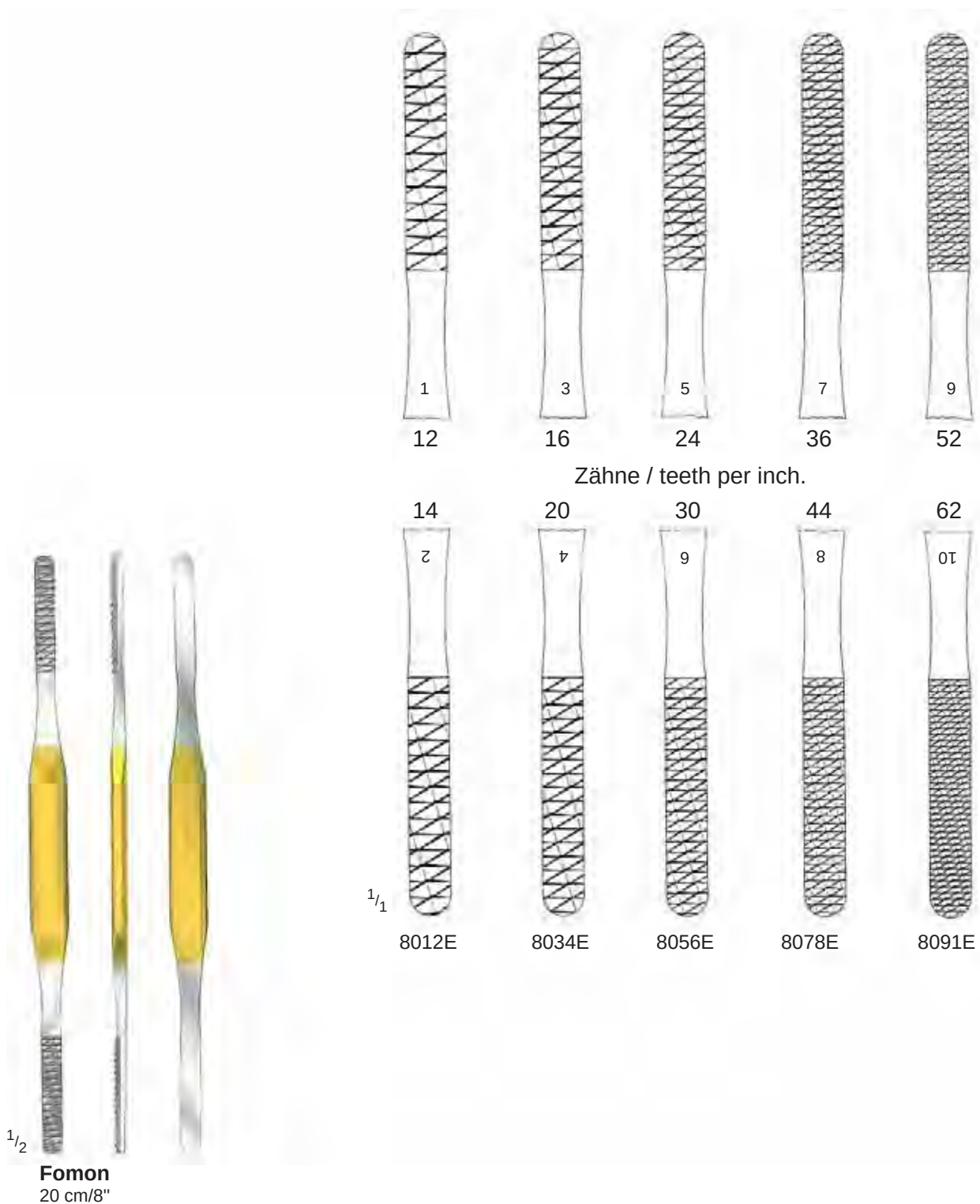
انواع سوهان دوطرفه (فومن) با تیغه تنگستن کارباید

Raspeln, Typ Fomon Univer Gold T/C

Rasps, Type Fomon Univer Gold T/C

Rasas, Tipo Fomon Univer Gold T/C

Râpes, Type Fomon Univer Gold T/C



انواع سوهان

Raspeln, Typ Maltz, Miller Univer Gold T/C
Rasps, Type Maltz, Miller Univer Gold T/C
Rasps, Tipo Maltz, Miller Univer Gold T/C
Râpes, Type Maltz, Miller Univer Gold T/C



15



1
8001E



2
8002E



3
8003E



4
8004E



5
8005E



11-150E-18
18 cm/7"



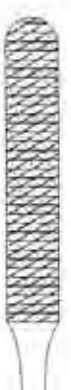
$\frac{1}{1}$
6
8006E



7
8007E



8
8008E



9
8009E



10
8010E



11-151E-18
18 cm/7"



11-151E-18
18 cm/7"



$\frac{1}{1}$



$\frac{1}{2}$

Maltz
18 cm/7"

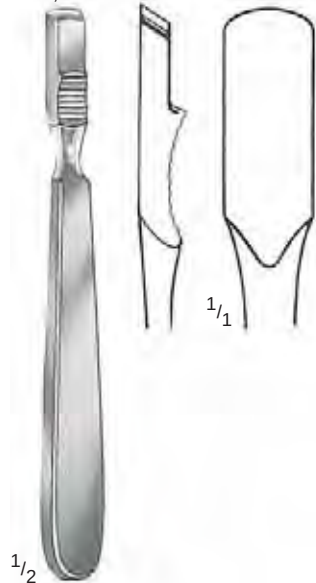


$\frac{1}{2}$

Miller

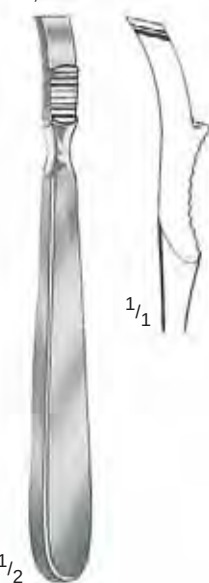


12,5 mm



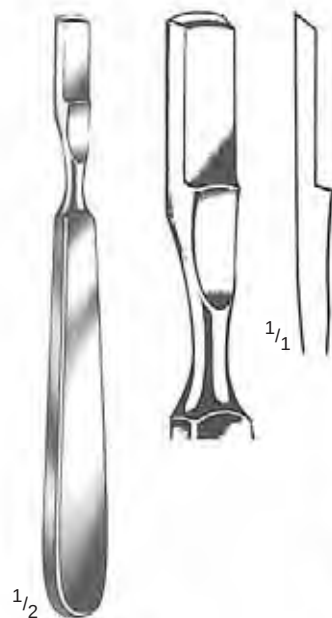
Farabeuf
15 cm/6"
15-3026-15

12,5 mm



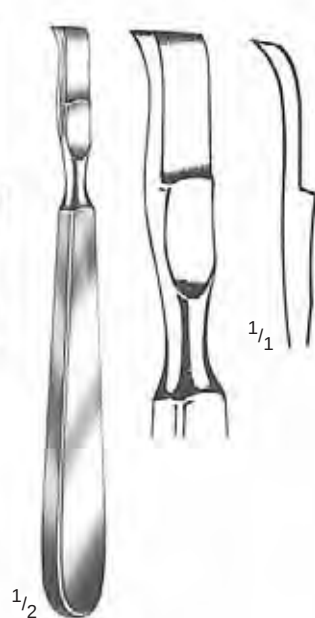
Farabeuf
15 cm/6"
15-3026-15

11 mm



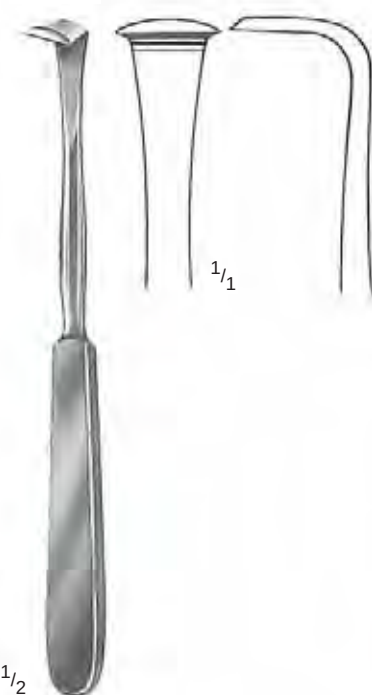
Farabeuf-Collin
15,5 cm/6 $\frac{1}{8}$ "
15-3027-15

11 mm



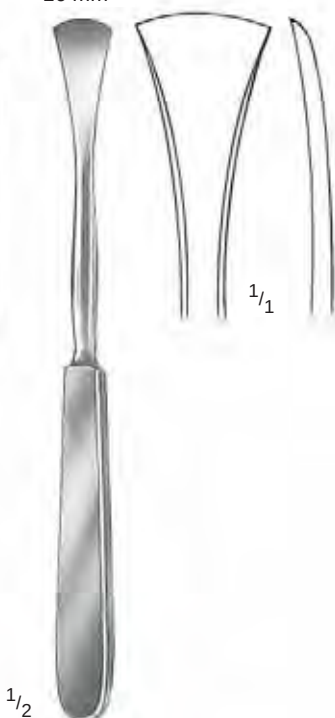
Farabeuf-Collin
15,5 cm/6 $\frac{1}{8}$ "
15-3027-15

14 mm

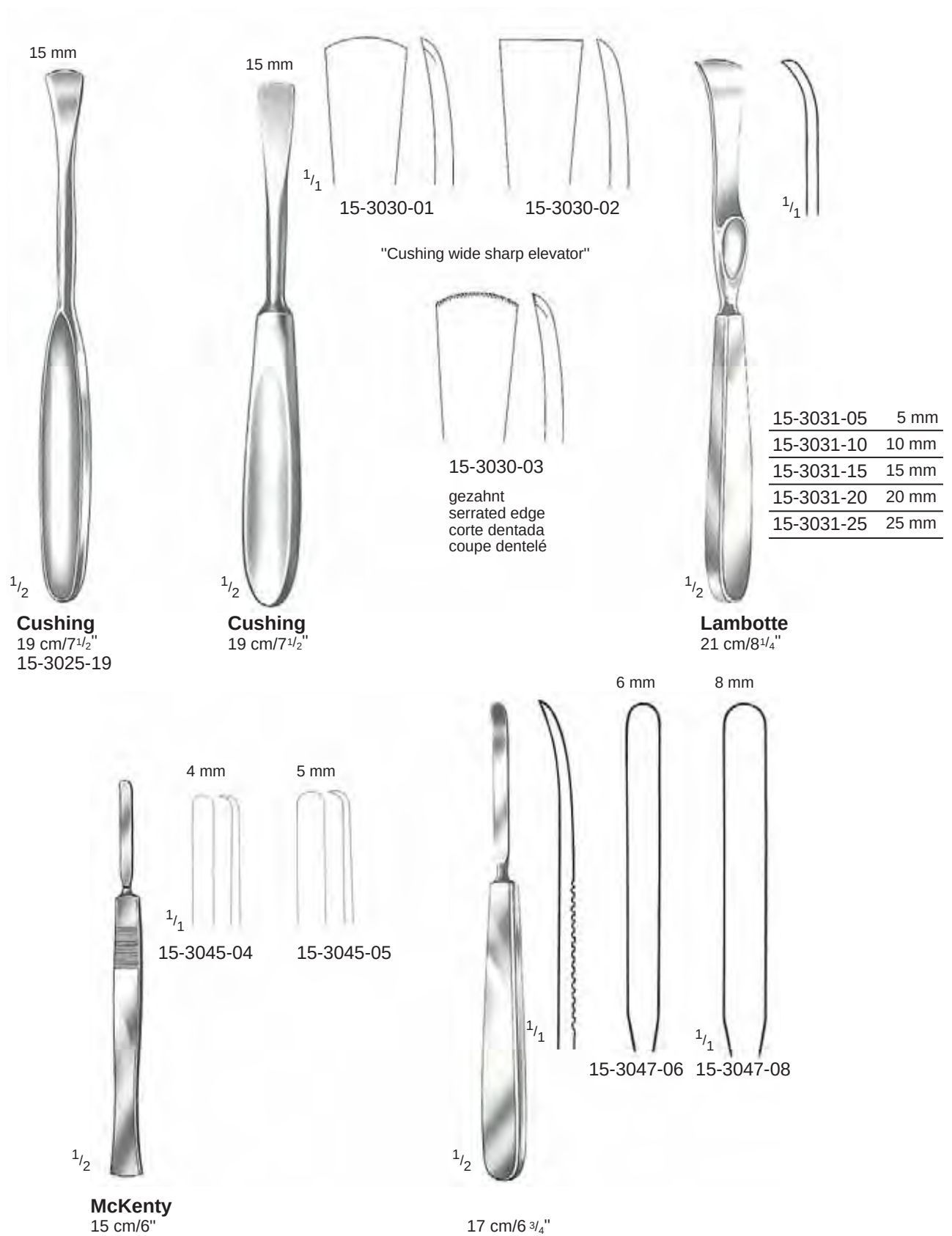


Langenbeck
18 cm/7"
15-3028-18

16 mm

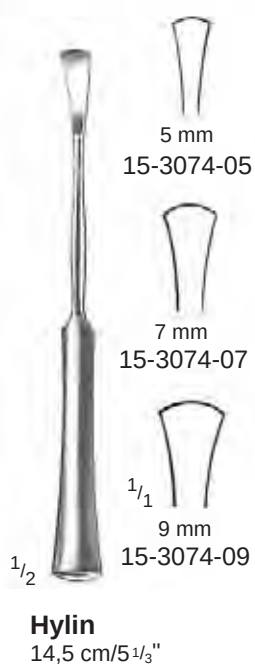
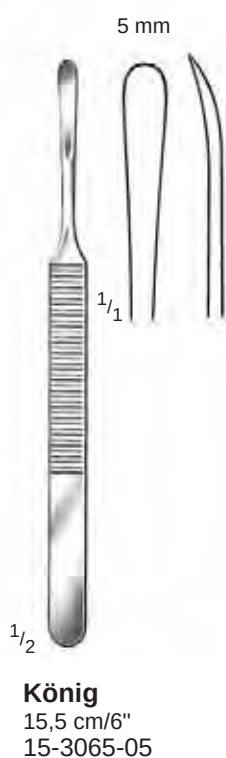
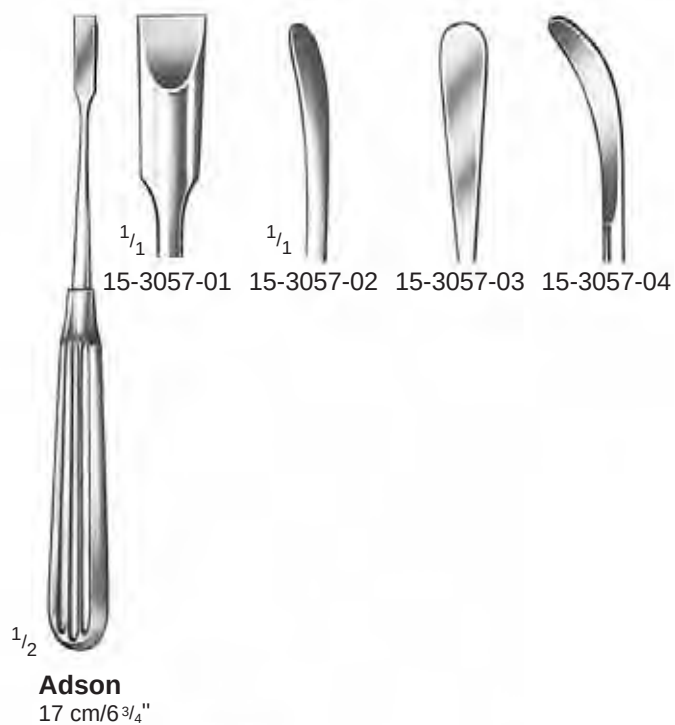
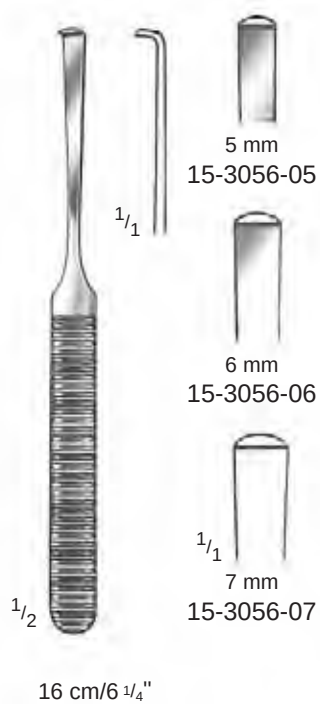


Langenbeck
19 cm/7 $\frac{1}{2}$ "
15-3028-19





انواع پریوس
Raspatorien
Raspatories
Periostótomos
Rugines



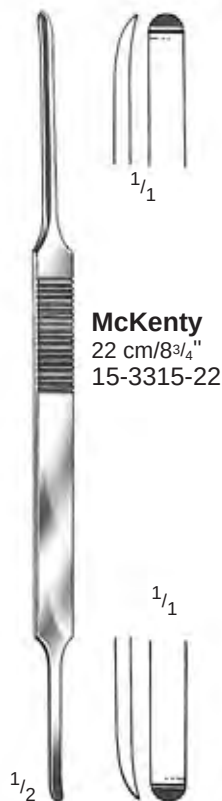


Septumlevatorien • Septum Elevators • Elevadores y Espátulas para el tabique nasal • Elévateurs et Spatules pour la cloison nasale



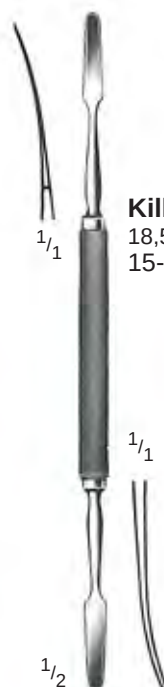


Cottle
23 cm/9"
15-3311-23



McKenty
22 cm/8³/₄"
15-3315-22

scharf
sharp
cortante
tranchant



Killian
18,5 cm/7¹/₄"
15-3321-18

stumpf
blunt
romo
mousse



Killian
22 cm/8³/₄"
15-3321-22



Pierce
21 cm/8¹/₄"
15-3327-21



Pennington
21 cm/8¹/₄"
15-3333-21



Roger
19 cm/7¹/₂"
15-3341-19

**Carter**

21 cm/8 $\frac{1}{4}$ "
15-3345-21

**Ostium Seeker**

19 cm/7 $\frac{1}{2}$ "
15-3351-19

Probe-double-ended
maxillary sinus
ostium seeker
ball-shaped
1,2/2 mm

**Joseph-Mas-ing**

22 cm/8
15-3360-22

**Howarth**

21 cm/8 $\frac{1}{4}$ "
15-3363-21

**Masing**

20 cm/8"
15-3370-20

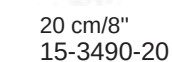
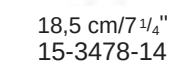
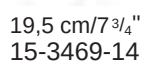
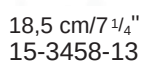
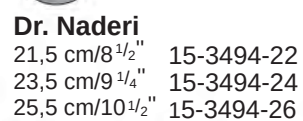
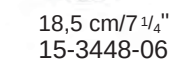
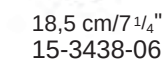
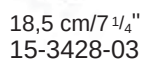
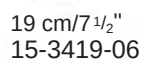
**Cottle**

23 cm/9"
3,3 x 3,7 mm
15-3373-23

**Cottle**

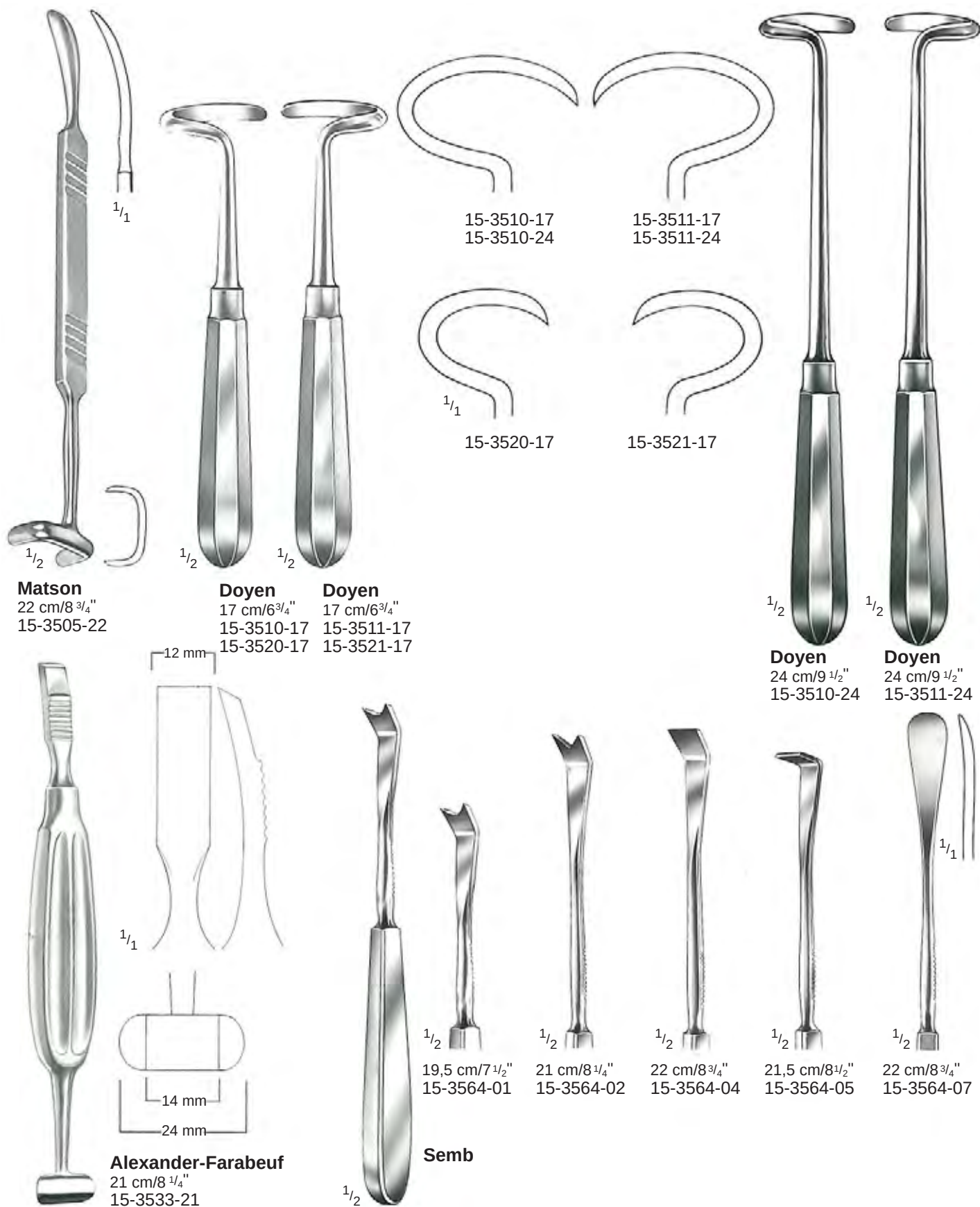
21 cm/8 $\frac{1}{4}$ "
15-3372-21

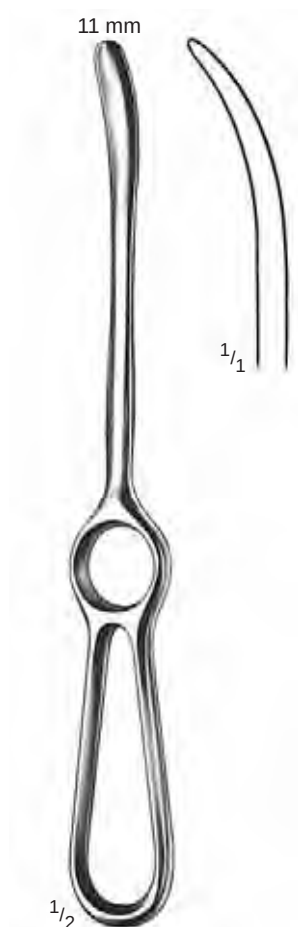
Rugines avec manche Ferrozell



انواع پریوس (دنده لخت کن)

Raspatorien
Raspatories
Periostótomos
Rugines





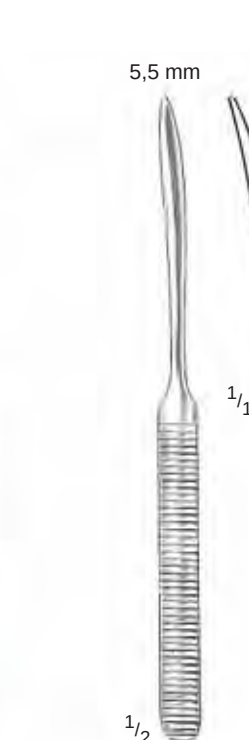
Langenbeck
23 cm/9"
15-4023-11



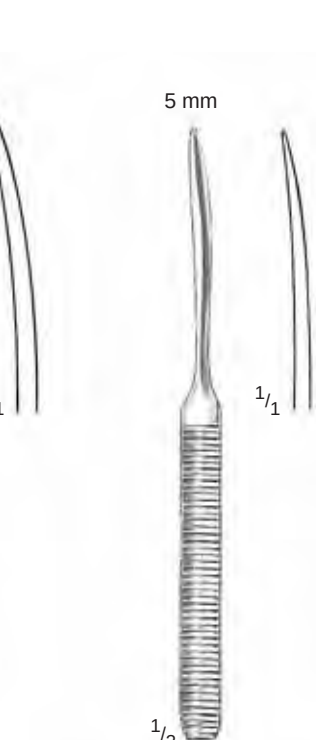
Yankauer
18 cm/7"
15-4027-18



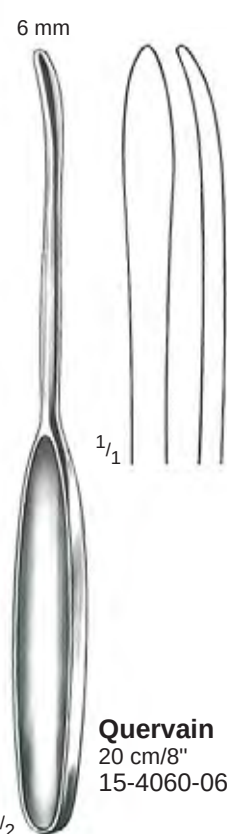
Mass. Gen. Hosp.
15 cm/6"
15-4033-15



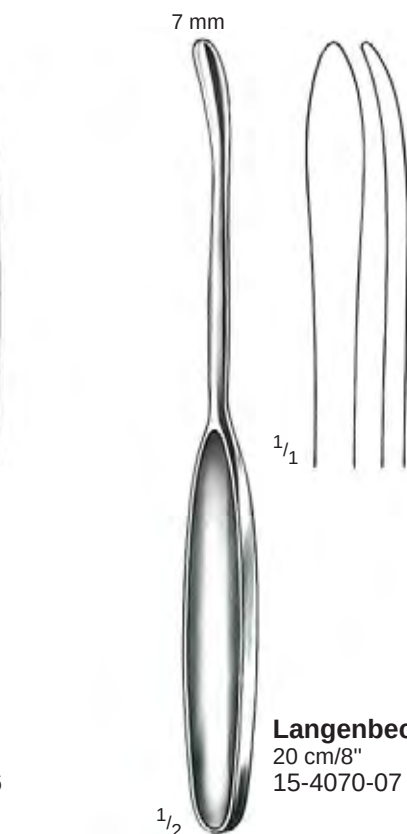
Williger
17 cm/6 3/4"
15-4047-55



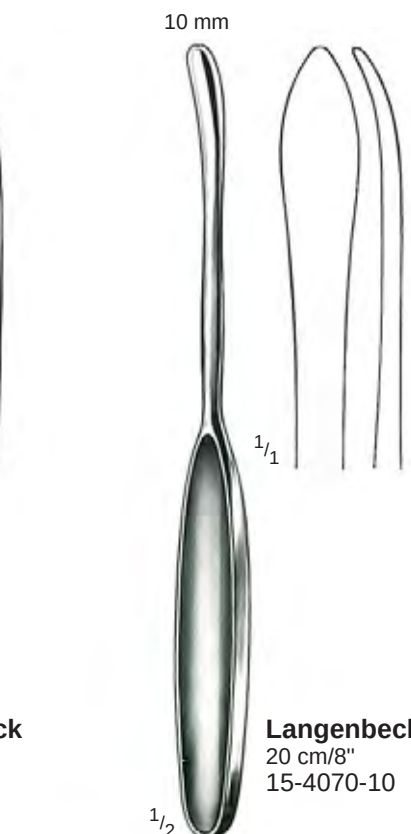
Williger
16 cm/6 1/4"
15-4056-50



Quervain
20 cm/8"
15-4060-06



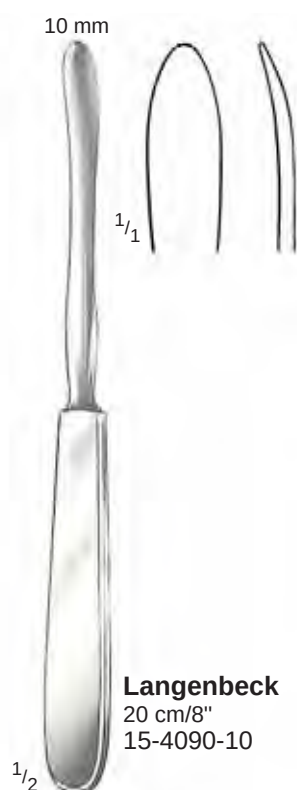
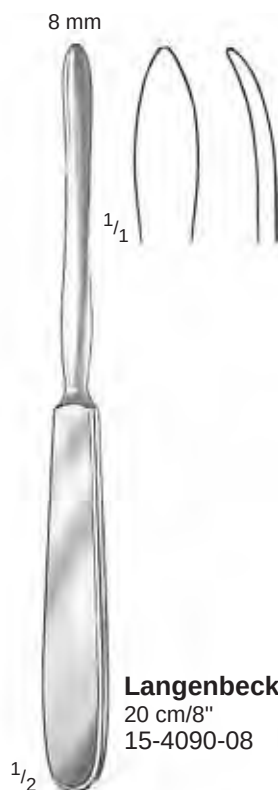
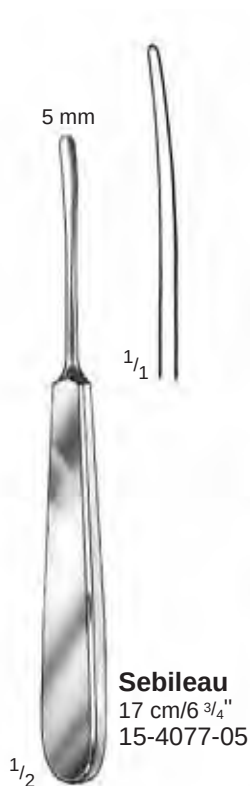
Langenbeck
20 cm/8"
15-4070-07



Langenbeck
20 cm/8"
15-4070-10



انواع الويتور
Elevatori
Elevators
Elevadores
Décolleurs



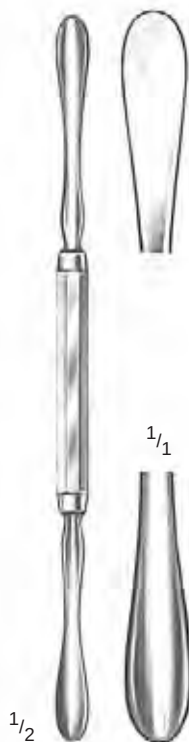
Killian
17 cm/6 3/4"
15-4110-17



Killian
17 cm/6 3/4"
15-4111-17



Killian
18 cm/7"
15-4122-18



Ballenger-Hajek
19 cm/7 1/2" 15-4133-19
22 cm/8 3/4" 15-4133-22



Lempert
19 cm/7 1/2"

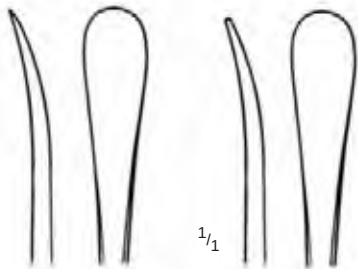
Elevatorium, zum Zurückdrängen des Tränensackes, 3,5 mm breit
Elevator for pressing back lachrymal sac, 3,5 mm wide
Elevador para retención del saco lacrimal, 3,5 mm de ancho
Élévateur pour repousser le sac lacrymal, largeur 3,5 mm



Lueneburg
12 cm/4 3/4"
15-4152-35



Cottle
19,5 cm/7³/₄"

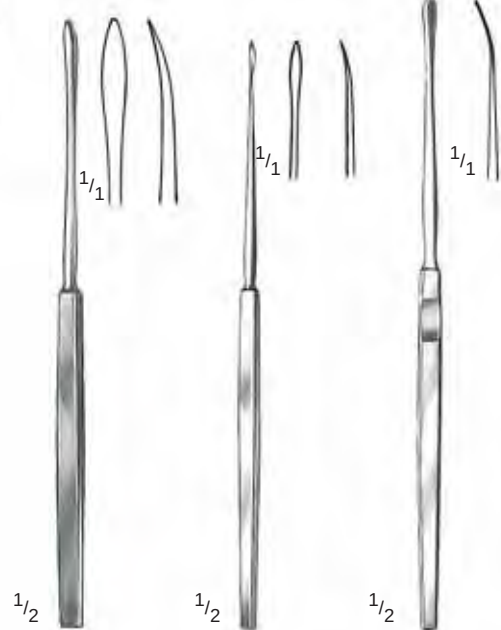


Raspatorium
Raspatory
Legra
Rugine
15-4155-08

Elevatorium
Elevator
Elevador
Elévateur
15-4156-38

scharf
sharp
cortante
tranchant

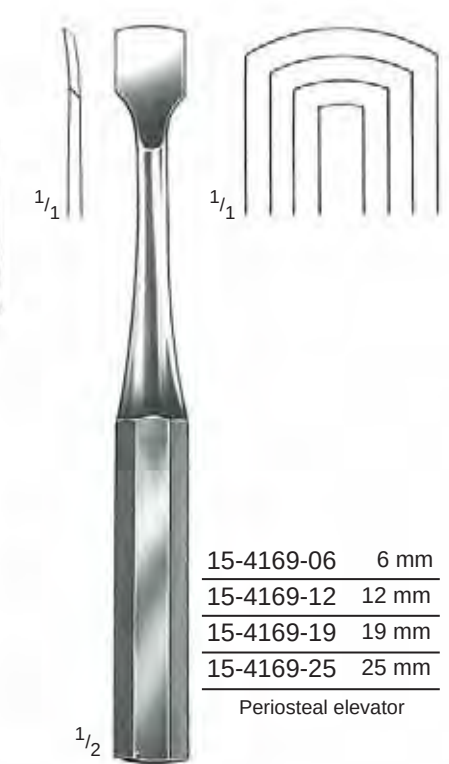
stumpf
blunt
romo
mousse



17,5 cm/6³/₄" 15-4161-17

16 cm/6¹/₄" 15-4162-16

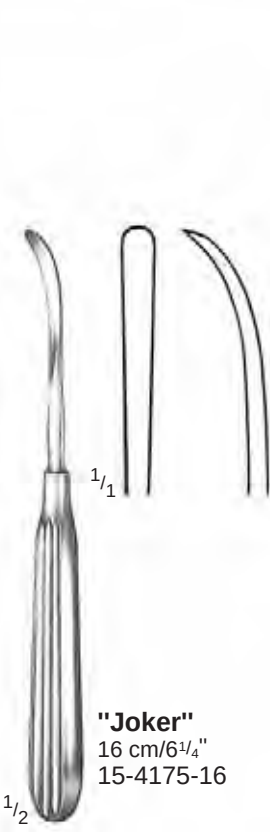
Halle
16 cm/6¹/₄" 15-4164-16



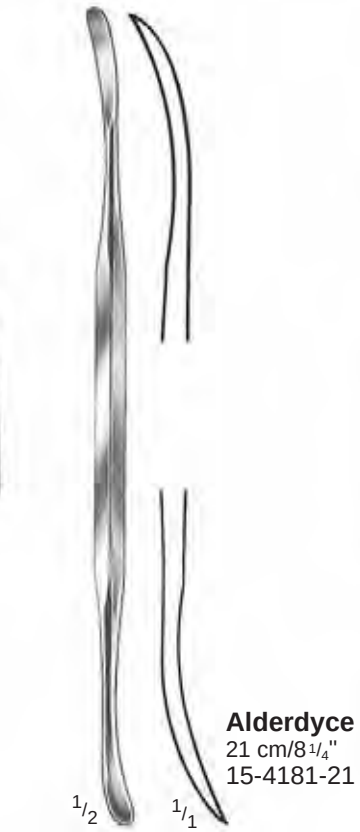
Key
19 cm/7¹/₂"

15-4169-06	6 mm
15-4169-12	12 mm
15-4169-19	19 mm
15-4169-25	25 mm

Periosteal elevator



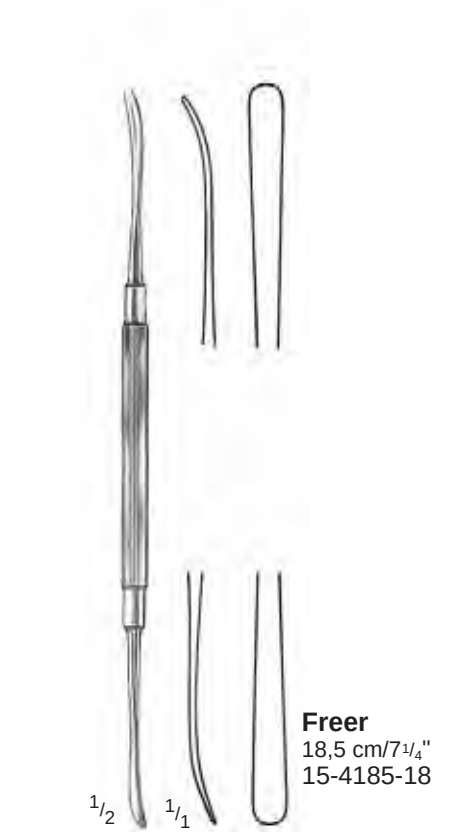
"Joker"
16 cm/6¹/₄" 15-4175-16



Alderdyce
21 cm/8¹/₄" 15-4181-21



McDonald
19 cm/7¹/₂" 15-4183-19



Freer
18,5 cm/7¹/₄" 15-4185-18



انواع دایسکتور - دورا

Dissektoren, Dura-Separatoren

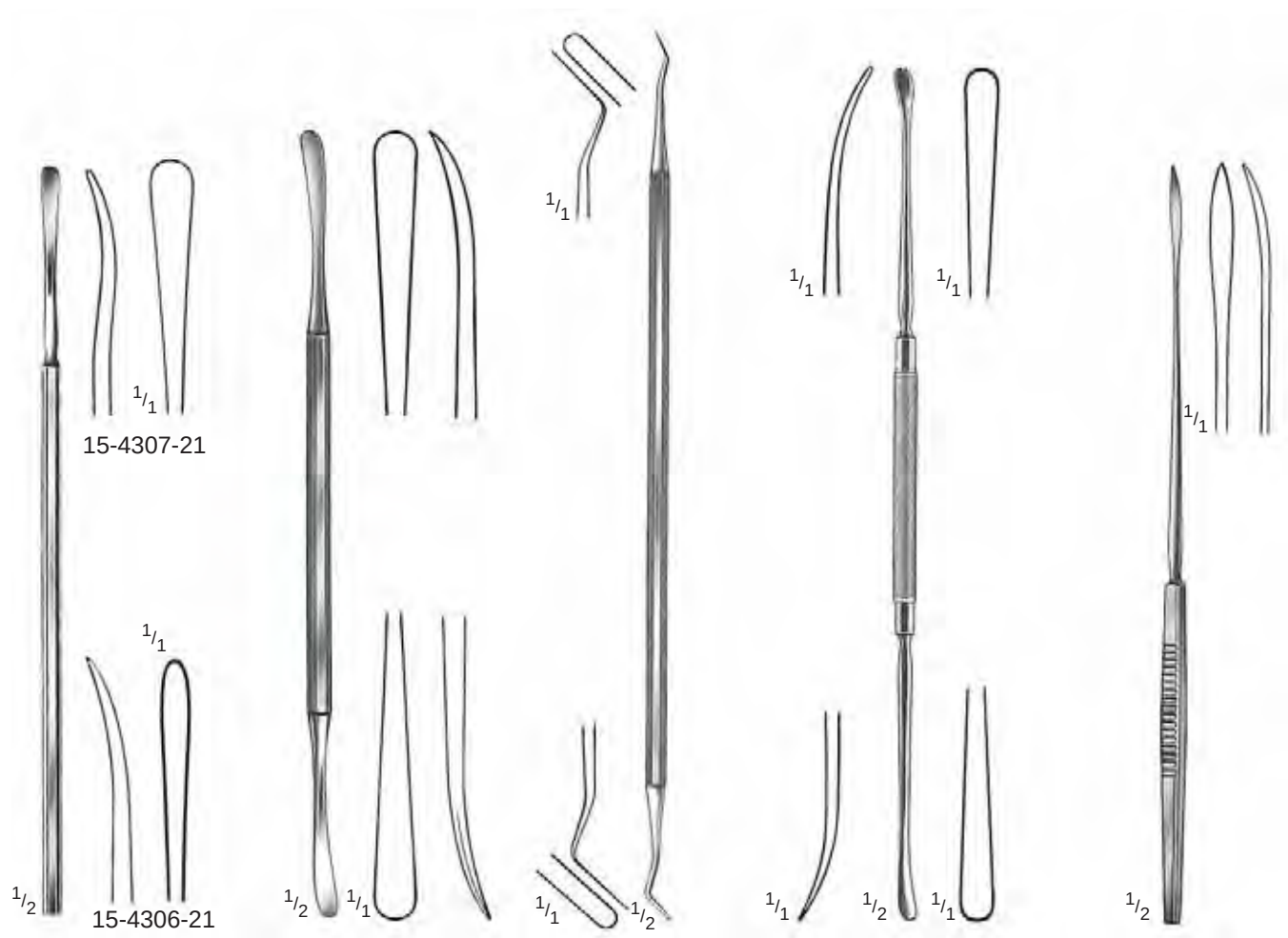
Dissectors, Dura Separators

Disecadores, descoladores de dura-madre

Dissecteurs, separateurs pour dure-mère



15



Sachs

21 cm/8 1/4"

22 cm/8 3/4"
15-4311-22

Woodson

25 cm/10"
15-4319-25

Davis

24,5 cm/9 3/4"
15-4325-24

21 cm/8 1/4"
15-4330-21

انواع دایسکتور - دورا

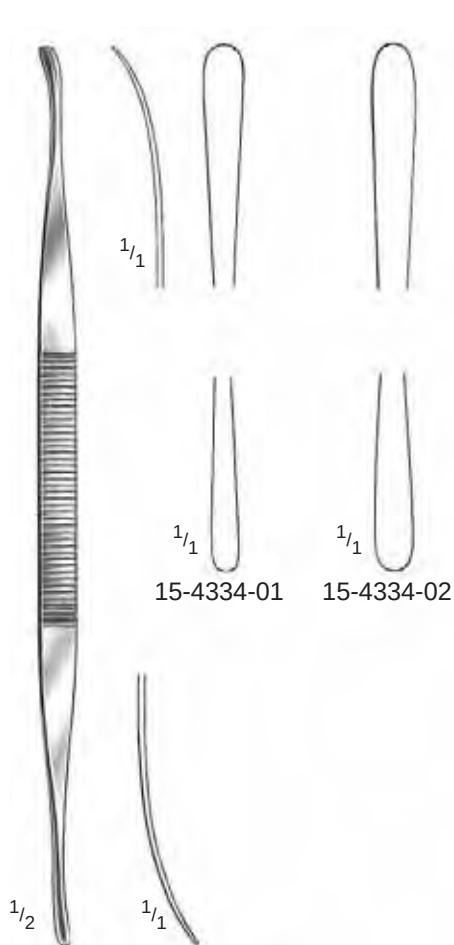
Dissektoren, Dura-Separatoren

Dissectors, Dura Separators

Disecadores, descoladores de dura-madre

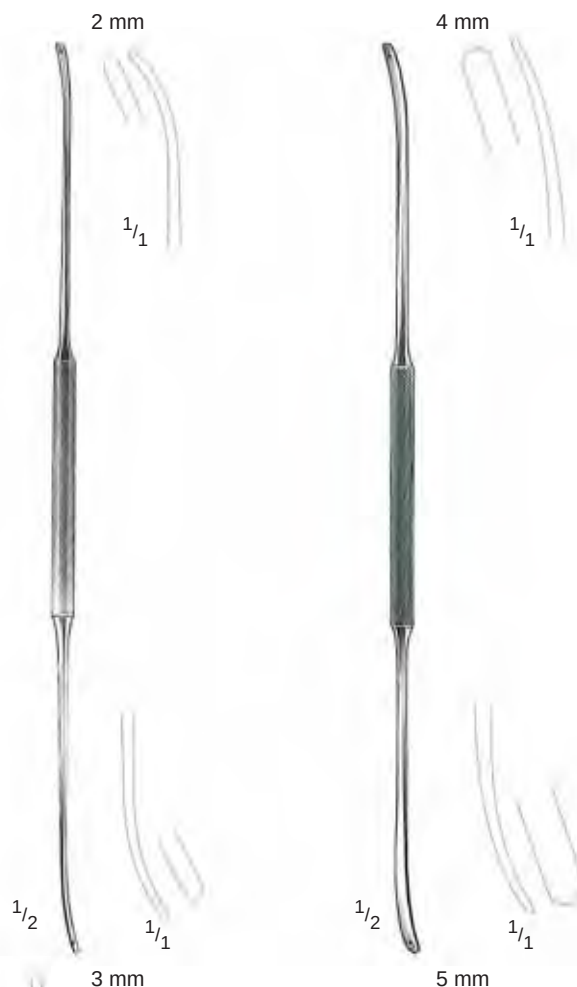
Dissecteurs, separateurs pour dure-mère

Tönnis
24 cm/9½"



2 mm

4 mm



3 mm

5 mm

Olivecrona

15-4336-18 = 18 cm/7"

15-4336-20 = 20 cm/8"

15-4336-24 = 24 cm/9½"

Olivecrona

15-4338-18 = 18 cm/7"

15-4338-20 = 20 cm/8"

15-4338-24 = 24 cm/9½"

Fager

20 cm/8"

15-4340-01

Fager

20 cm/8"

15-4340-02

Sachs

21 cm/8¼"

15-4350-21

Milligan

21 cm/8¼"

15-4355-21

انواع الويتور

Dura-Separatoren, Jochbogenelevatorien

Dura Separators, Zygoma Elevators

Descoladores de dura-madre, elevadores para zigoma

Separateurs pour dure-mère, élévateurs pour l'arcade zygomatique



15



Frazier
15 cm/6"
15-4365-01

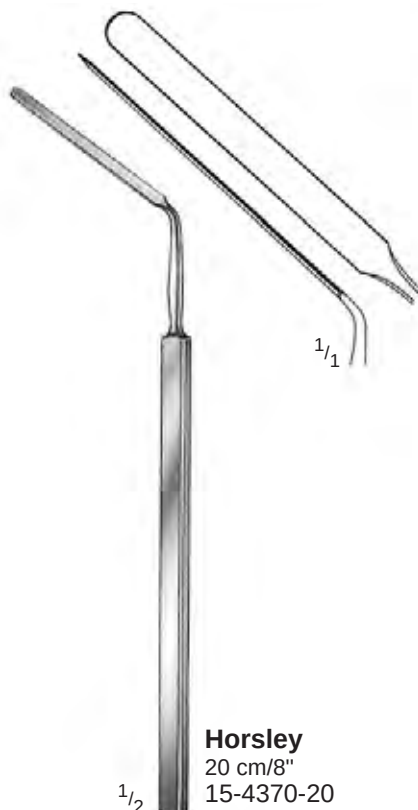


Hoer
15 cm/6"
15-4365-45



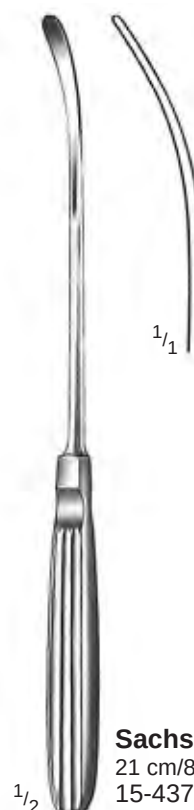
Hoer
15 cm/6"
15-4365-90

Jochbogenelevatorien
Elevadores para zigoma



Horsley
20 cm/8"
15-4370-20

Zygoma Elevators
Elévateurs pour l'arcade zygomatique



Sachs
21 cm/8 1/4"
15-4375-21



Dingman
21 cm/8 1/4"
15-4513-21



Gillies
21 cm/8 1/4"
15-4525-21
24 cm/9 1/2"
15-4525-24



Gillies
21 cm/8 1/4"
15-4527-21
24 cm/9 1/2"
15-4527-24

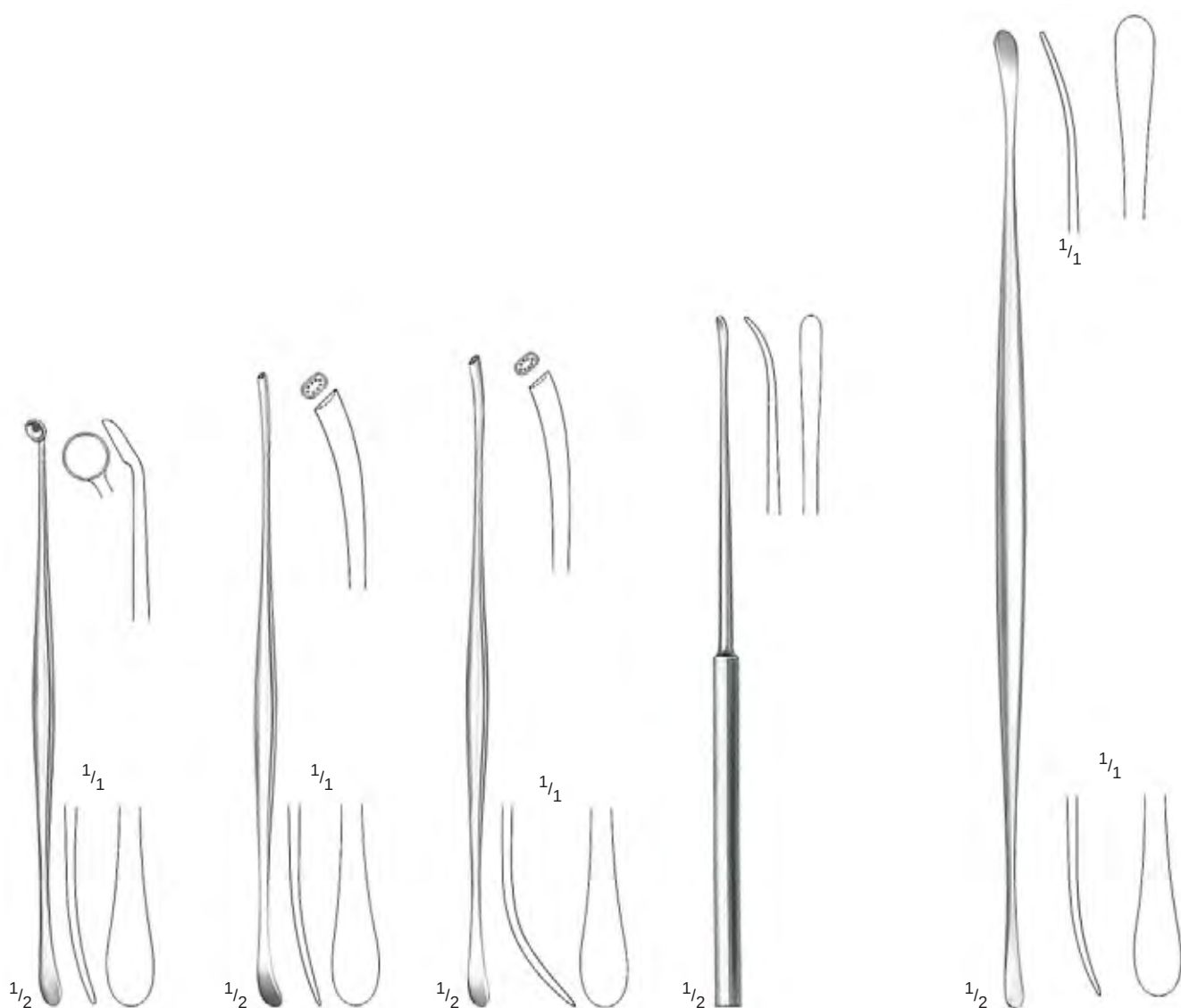
**Penfield**

Fig. 1

17,5 cm/7"

15-4388-01

Penfield

Fig. 2

19,5 cm/7³/₄"

15-4388-02

Penfield

Fig. 3

19,5 cm/7³/₄"

15-4388-03

Penfield

Fig. 4

20,5 cm/8"

15-4388-04

Penfield

Fig. 5

29 cm/11 ¹/₂"

15-4388-05

دایسکتور عروقی

Intimaspatel, Gefäßdissektoren

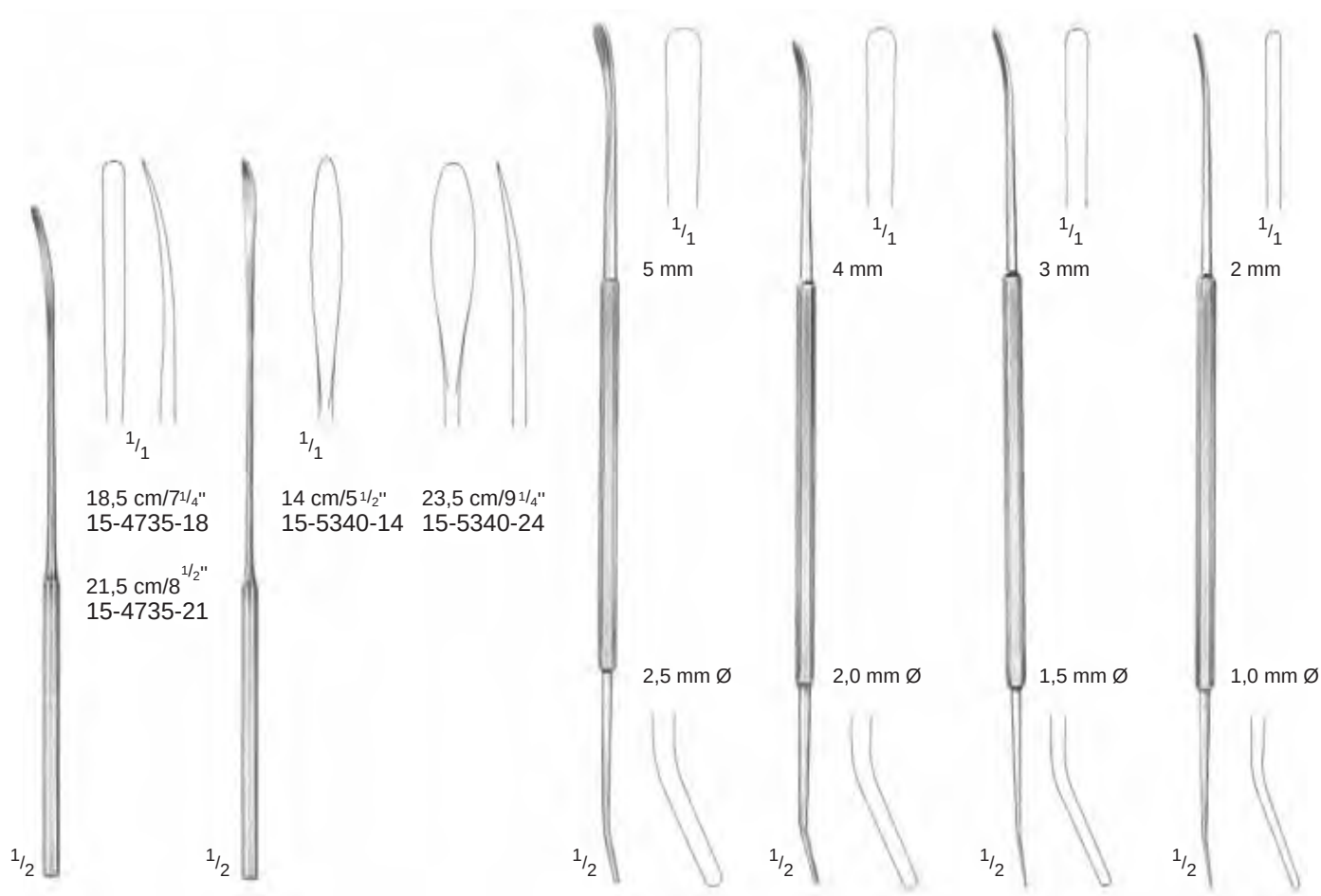
Intima Spatulas, Vascular Dissectors

Espátulas para la íntima, Disecadores vasculares

Spatules pour la tunique interne, Dissecteurs vasculaires



15



Intimaspatel
Intima Spatula
Espátula para la íntima
Spatule pour la tunique interne

stumpf
blunt
romo
mousse

Robb
Fig. 1
24 cm/9¹/₂"
15-5425-24

Robb
Fig. 2
24 cm/9¹/₂"
15-5402-24

Robb
Fig. 3
24 cm/9¹/₂"
15-5415-24

Robb
Fig. 4
24 cm/9¹/₂"
15-5401-24



16

Univer®



پنس استخوان بر، بن روتور، دنده بر
پنس استخوانگیر، انبردست، سیمچین، دمباریک

Knochensplitterzangen,
Hohlmeißelzangen,
Rippenscheren, Knochen-
halte-zangen, Septum-
richtzangen, Drahtkneif-
zangen, Flachzangen

Bone Cutting Forceps,
Bone Rongeurs, Rib
Shears, Bone Holding
Forceps, Septum
Straightening Forceps,
Wire Cutting Pliers,
Flat Nose Pliers

Pinzas cortantes para
huesos, pinzas-gubias,
costótomos, pinzas para
huesos, pinzas para hueso
nasal, alicates para cortar
alambre, alicates planos

Pinces coupantes, pince-
gouges, costotomes,
davier, pince pour
redresser la cloison nasale,
pinces coupantes pour
broches, pinces plates

Univer - Made in IRAN

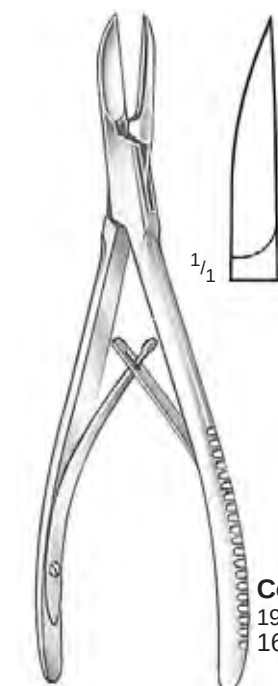
پنس استخوان بر

Knochensplitterzangen

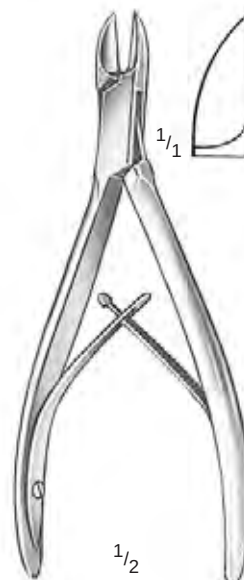
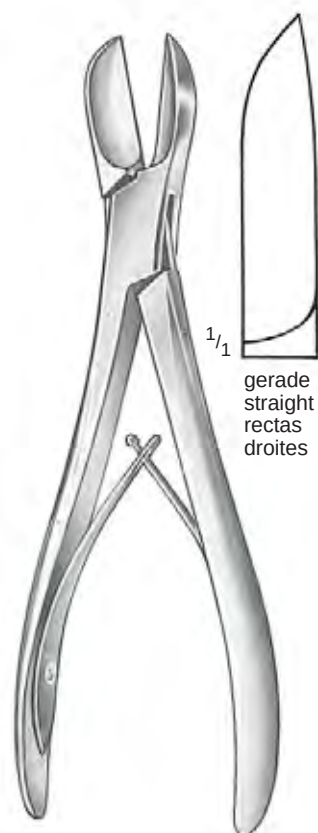
Bone Cutting Forceps

Pinzas cortantes para huesos

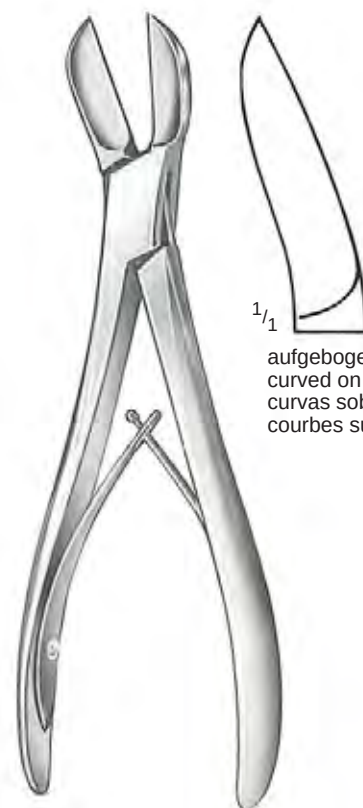
Pincers coupantes

**Cottle-Kazanjian**19 cm/7 1/2"
16-0100-19

14 cm/5 1/2"

**Littauer-Liston**15,5 cm/6"
16-0140-15gerade
straight
rectas
droites

17 cm/6 3/4"

19 cm/7 1/2"
22 cm/8 3/4"aufgebogen
curved on flat
curvas sobre el plano
courbes sur le platcm inch. **Liston**

14	5 1/2	16-0150-14
17	6 3/4	16-0150-17
19	7 1/2	16-0150-19
22	8 3/4	16-0150-22

cm inch. **Liston**

14	5 1/2	16-0151-14
17	6 3/4	16-0151-17
19	7 1/2	16-0151-19
22	8 3/4	16-0151-22

پنس استخوان بر

Knochensplitterzangen

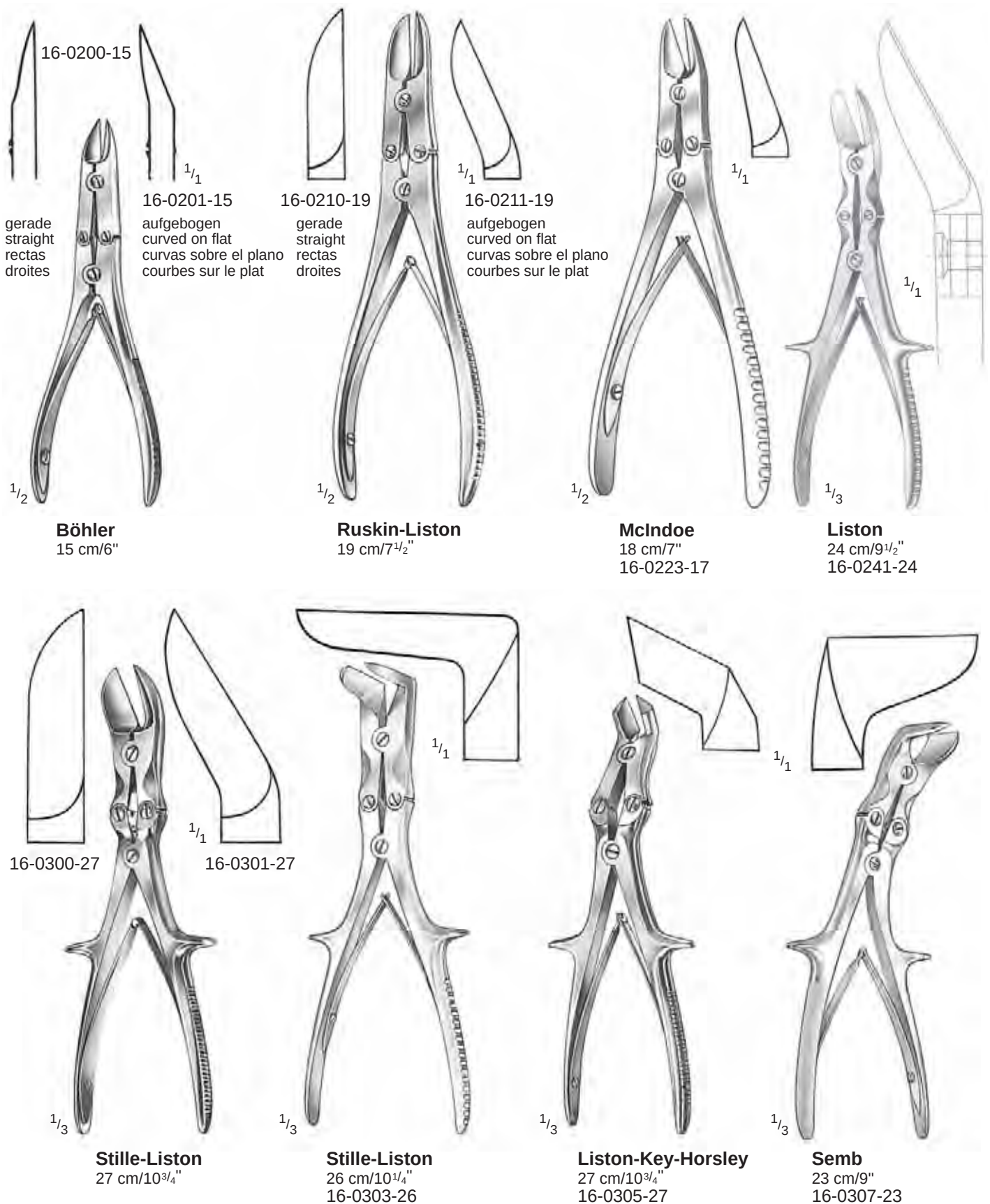
Bone Cutting Forceps

Pinzas cortantes para huesos

Pinces coupantes



16





بن روٹور (استخوان تراش)

Hohlmeißelzangen

Bone Rongeurs

Pinzas-gubias

Pincas-gouges



Micro Friedman

15 cm/6"
2 x 6 mm

16-0440-15

16-0441-15



Micro Friedman

14 cm/5 1/2"
1,5 x 5 mm

1/1

16-0450-14

30°

16-0453-14

90°

16-0459-14



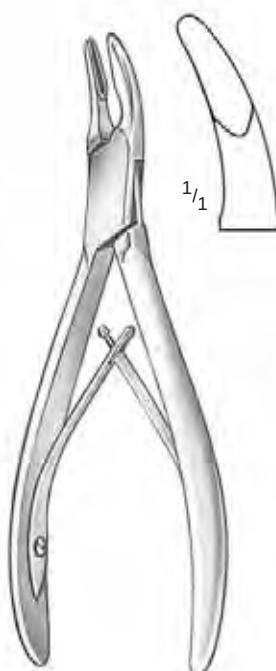
Friedman

14 cm/5 1/2"
16-0501-14



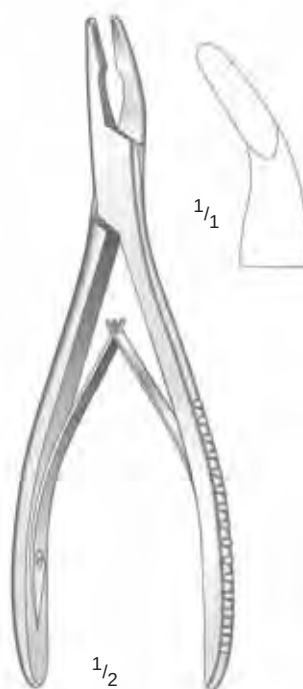
Friedman

14 cm/5 1/2"
16-0502-14



Hartmann

18,5 cm/7 1/4"
16-0580-18



Bane-Hartmann

17 cm/6 3/4"
16-0589-17

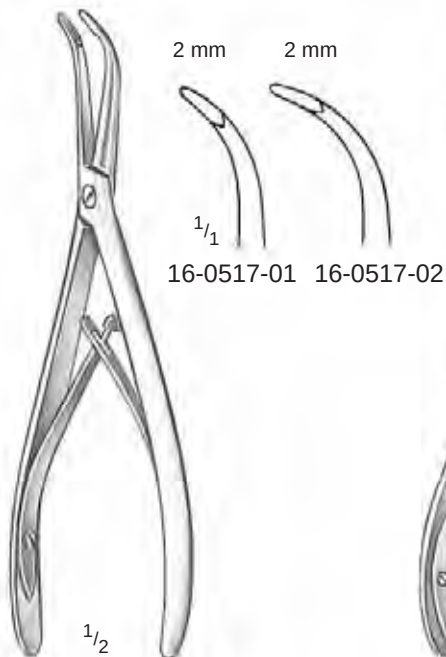
بن روٹور (استخوان تراش)

Hohlmeißelzangen

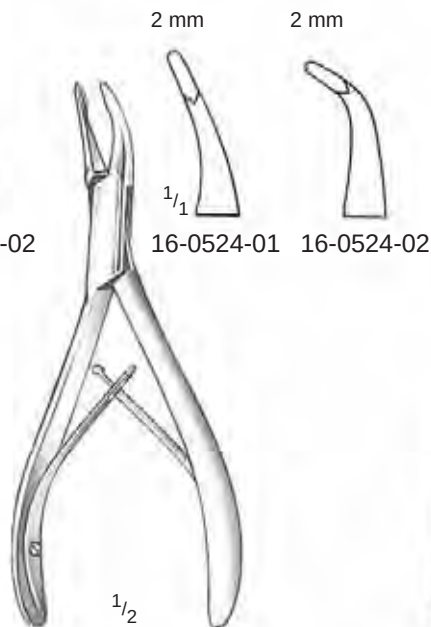
Bone Rongeurs

Pinzas-gubias

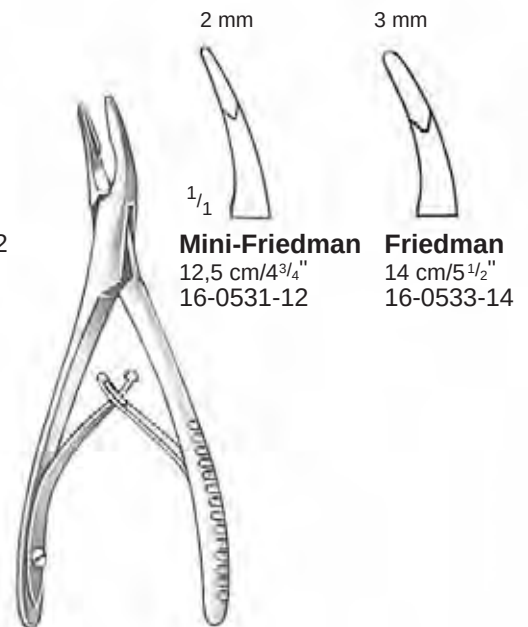
Pinces-gouges



Stellbrink
17 cm/6 3/4"

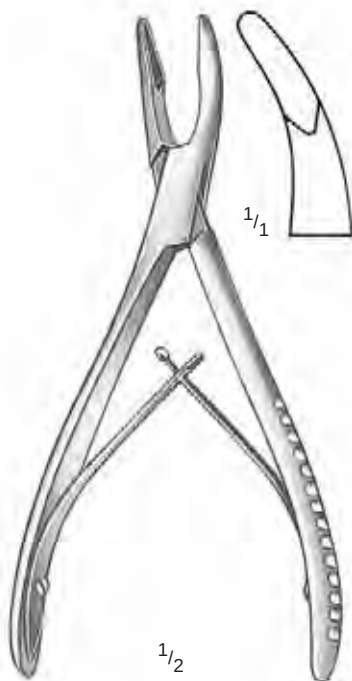


Kleinert-Kutz
14 cm/5 1/2"

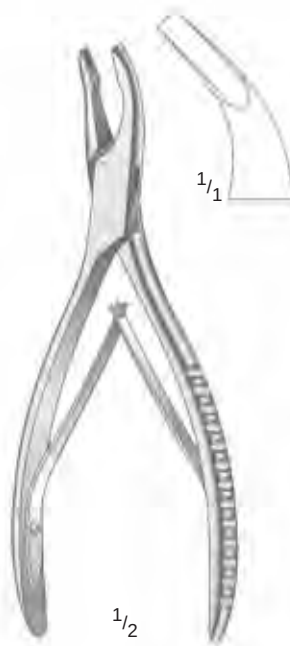


Mini-Friedman
12,5 cm/4 3/4"
16-0531-12

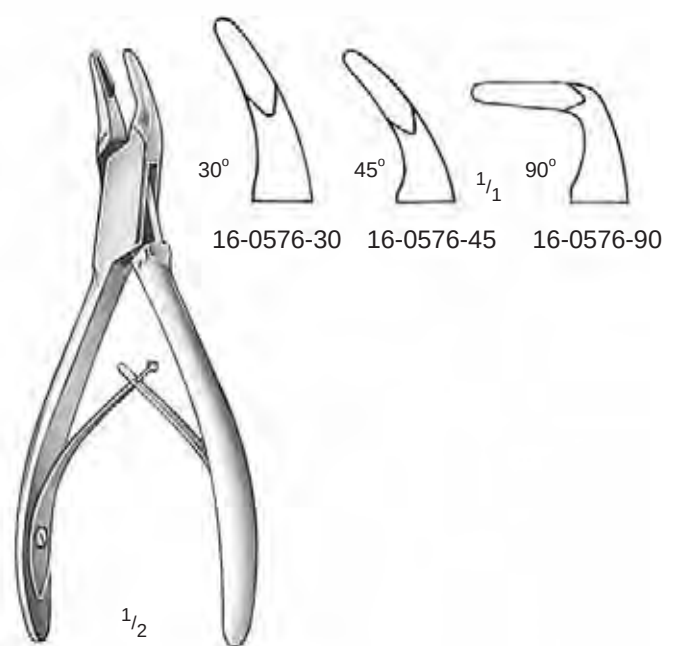
Friedman
14 cm/5 1/2"
16-0533-14



Mead
17 cm/6 3/4"
16-0561-17



Mead
16,5 cm/6 1/2"
16-0562-17



Blumenthal
16 cm/6 1/4"



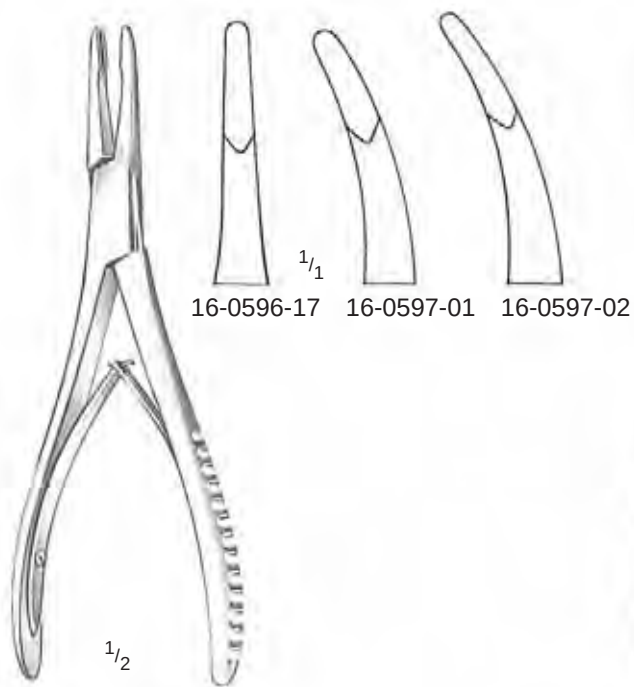
بن روٹور (استخوان تراش)

Hohlmeißelzangen

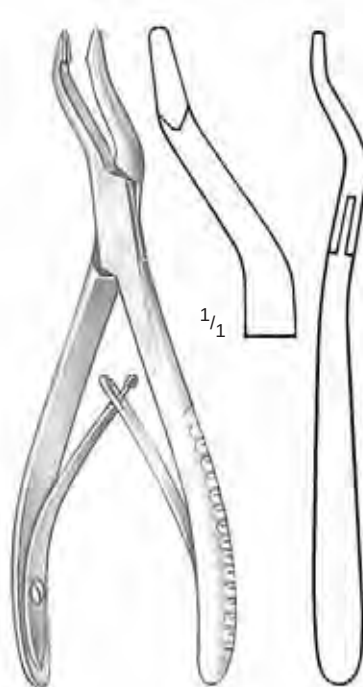
Bone Rongeurs

Pinzas-gubias

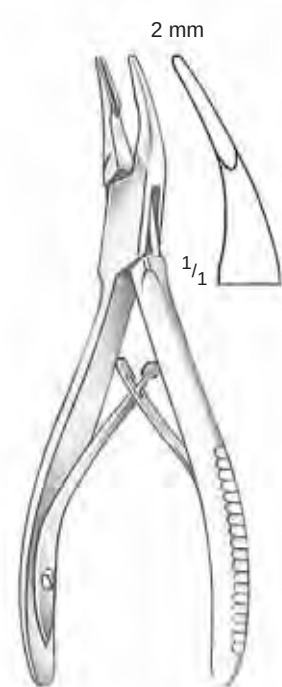
Pincas-gouges



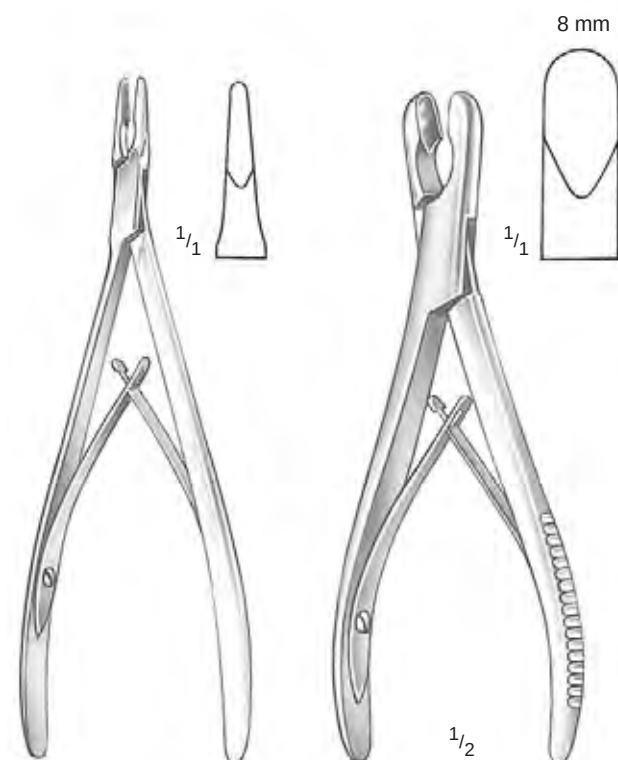
Jansen
17 cm/6 ³/₄"



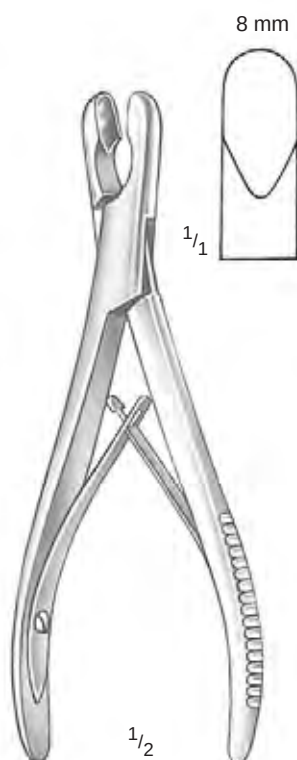
Jansen
18 cm/7"
16-0611-18



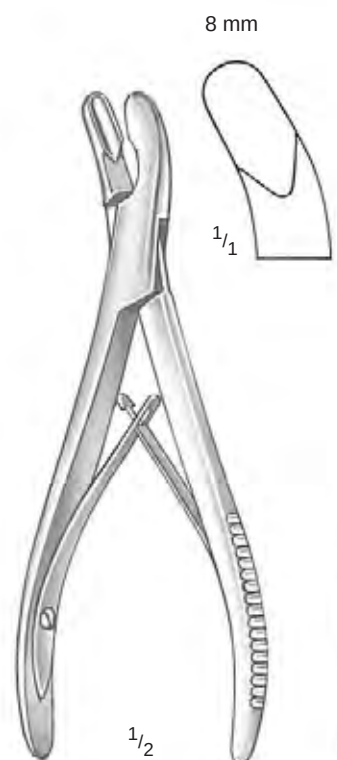
Beyer
17 cm/6 ³/₄"
16-0627-02



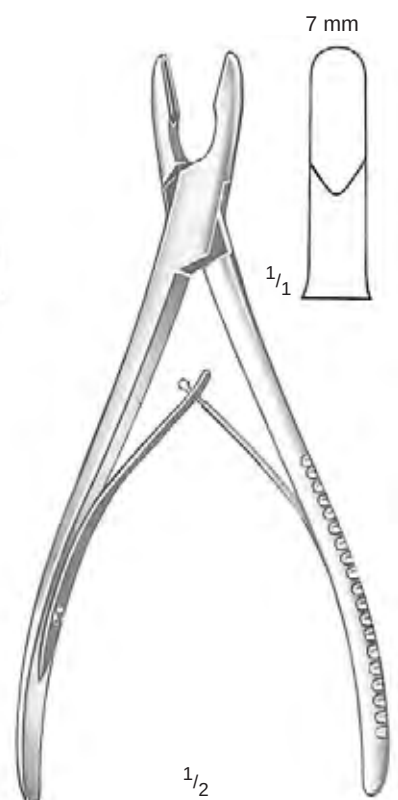
Lempert
19 cm/7 ¹/₂"
16-0636-19



Luer
18 cm/7"
16-0650-18



Luer
18 cm/7"
16-0651-18



Adson
20 cm/8"
16-0670-20

بن روئژور (استخوان تراش)

Hohlmeißelzangen

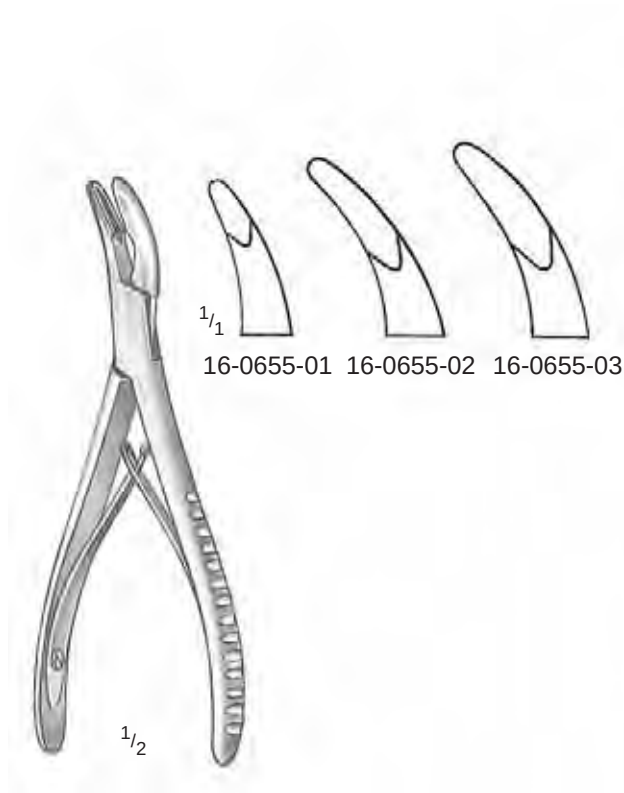
Bone Rongeurs

Pinzas-gubias

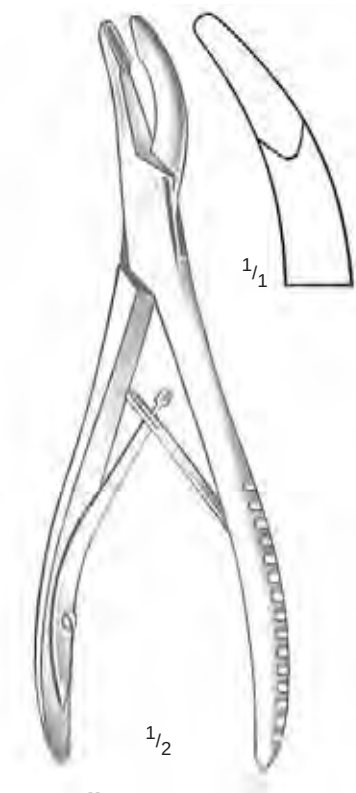
Pinces-gouges



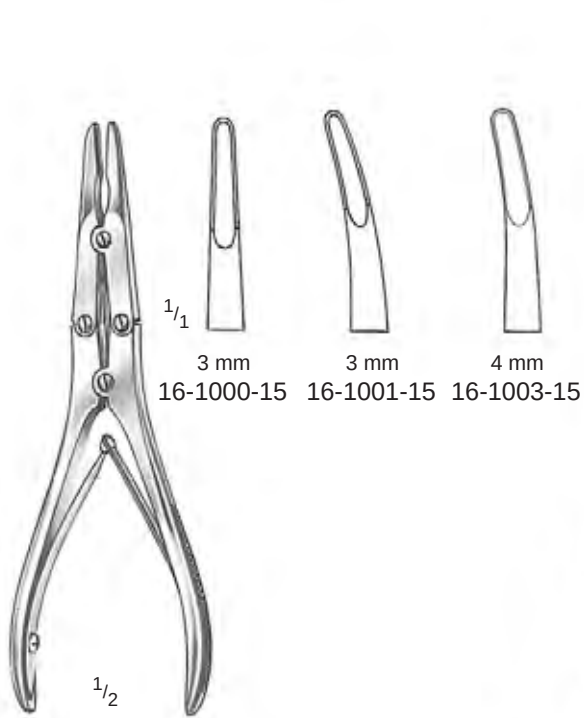
16



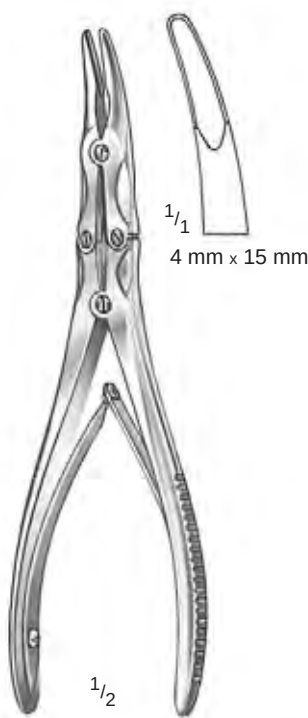
Luer
15 cm/6"



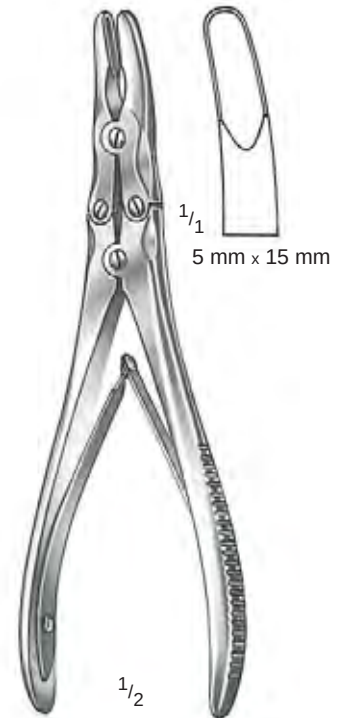
Olivecrona
20 cm/8"
16-0677-20



Böhler (Ruskin-Mini)
15 cm/6"



Beyer
18 cm/7"
16-1011-18



Zaufal-Jansen
18 cm/7"
16-1013-18



بن روٹور (استخوان تراش)

Hohlmeißelzangen

Bone Rongeurs

Pinzas-gubias

Pincers-gouges

Laminectomy Rongeurs



19 cm/7 1/2"



24 cm/9 1/2"



24 cm/9 1/2"



gerade
straight
rectas
droits

3 mm

4 mm



leicht gebogen
light curve
ligeramente curvas
coubure légère

3 mm

4 mm



stark gebogen
strong curve
curva fuerte
à forte coubure

3 mm

4 mm

Smith-Peterson

	3 mm	4 mm	3 mm	4 mm	3 mm	4 mm
19 cm/7 1/2"	16-1019-03	16-1019-04	16-1019-13	16-1019-14	16-1019-23	16-1019-24
24 cm/9 1/2"	16-1024-03	16-1024-04	16-1024-13	16-1024-14	16-1024-23	16-1024-24
Fulton	5 mm	6 mm	5 mm	6 mm	5 mm	6 mm
19 cm/7 1/2"	16-1019-05	16-1019-06	16-1019-15	16-1019-16	16-1019-25	16-1019-26
24 cm/9 1/2"	16-1024-05	16-1024-06	16-1024-15	16-1024-16	16-1024-25	16-1024-26

بن روٹور (استخوان تراش)

Hohlmeißelzangen

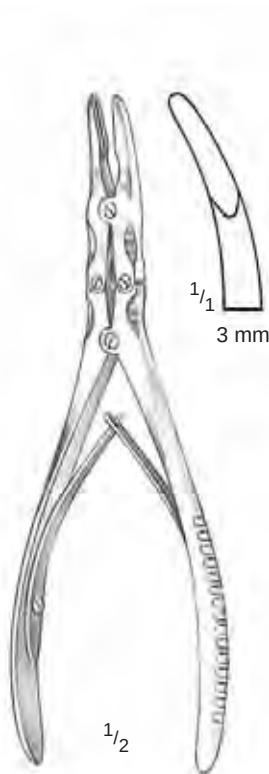
Bone Rongeurs

Pinzas-gubias

Pinces-gouges

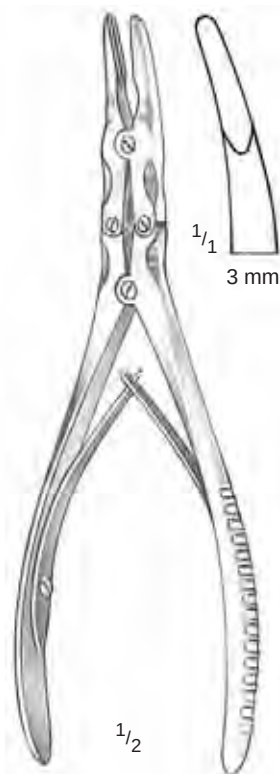


16



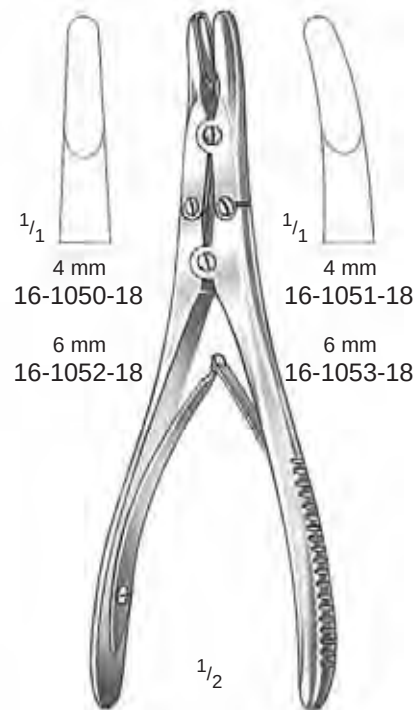
Mayfield

18,5 cm/7¹/₄"
16-1035-18



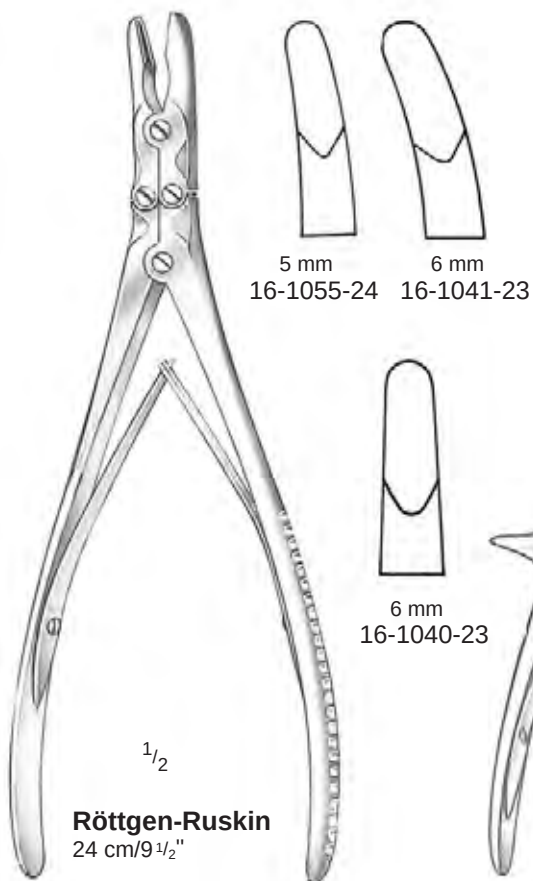
Marquardt

20 cm/8"
16-1037-20



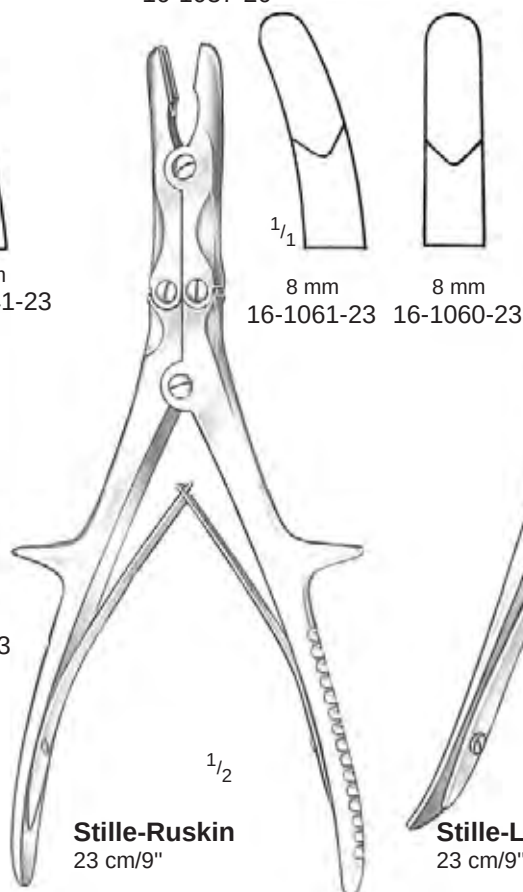
Ruskin

18 cm/7"



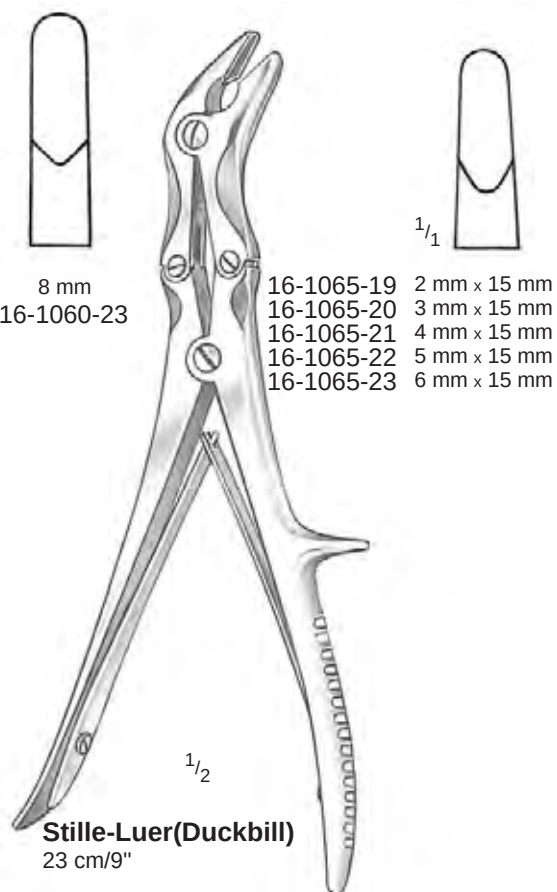
Röttgen-Ruskin

24 cm/9¹/₂"



Stille-Ruskin

23 cm/9"



Stille-Luer (Duckbill)

23 cm/9"

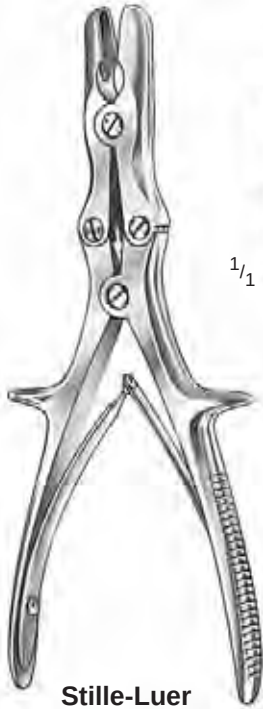
بن روتور (استخوان تراش)

Hohlmeißelzangen

Bone Rongeurs

Pinzas-gubias

Pincas-gouges



Stille-Luer

 $\frac{1}{1}$

22 cm/8 $\frac{3}{4}$ "
4 mm
16-1084-22
6 mm
16-1086-22
8 mm
16-1088-22
10 mm
16-1080-22
12 mm
16-1082-22



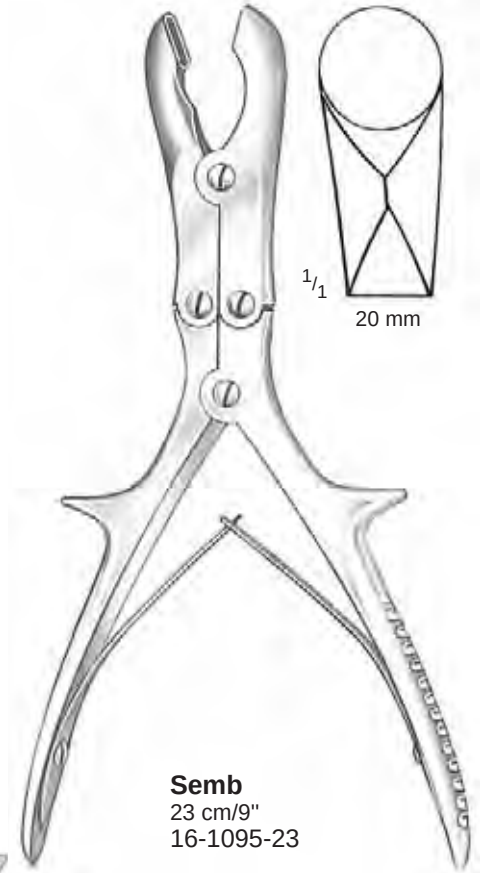
22 cm/8 $\frac{3}{4}$ "
4 mm
16-1094-22
6 mm
16-1096-22
8 mm
16-1098-22
10 mm
16-1081-22
12 mm
16-1092-22



26 cm/10 $\frac{1}{4}$ "
17 mm
16-1090-26



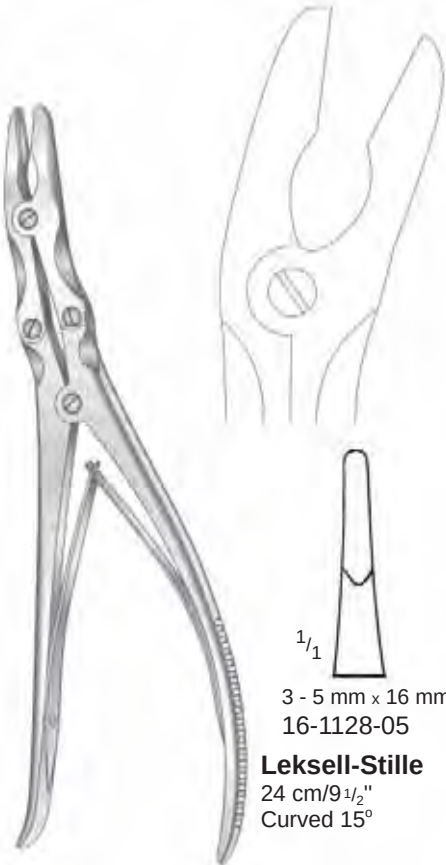
26 cm/10 $\frac{1}{4}$ "
17 mm
16-1091-26
24 cm/ 9 $\frac{1}{4}$ " 17 mm
16-1091-24



Semb
23 cm/9"
16-1095-23

 $\frac{1}{1}$

20 mm

 $\frac{1}{1}$

3 - 5 mm x 16 mm 8 mm x 16 mm
16-1128-05 16-1128-08

Leksell-Stille
24 cm/9 $\frac{1}{2}$ "
Curved 15°



Leksell
24 cm/9 $\frac{1}{2}$ "
Curved 50°

 $\frac{1}{1}$

3 - 5 mm x 16 mm 8 mm x 16 mm
16-1129-05 16-1129-08



بن روئزور (استخوان تراش)

Hohlmeißelzangen

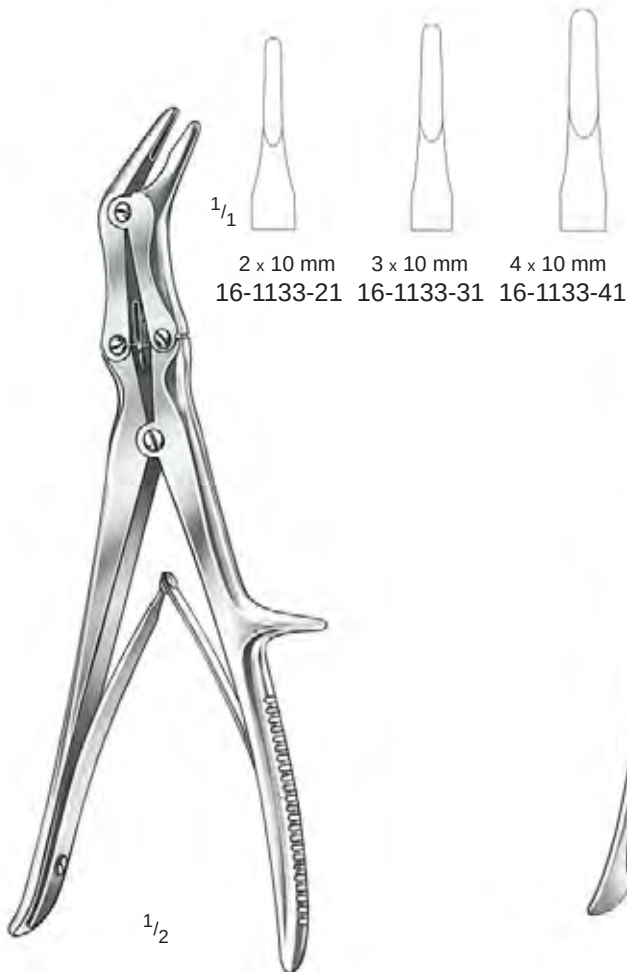
Bone Rongeurs

Pinzas-gubias

Pinces-gouges



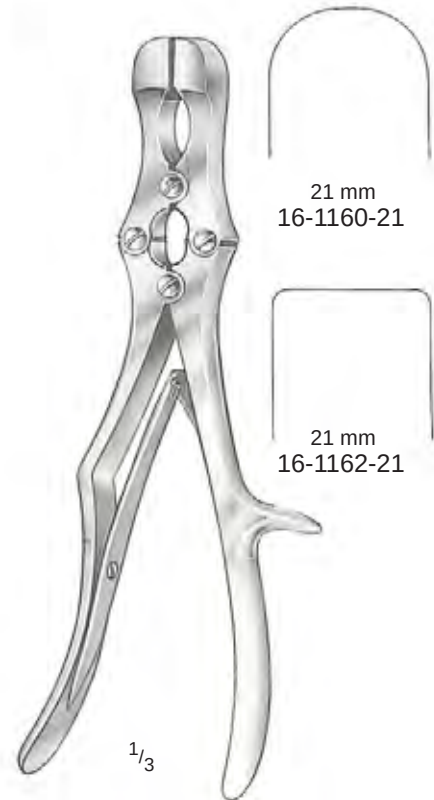
16



Echlin(Duckbill)
23 cm/9"



Frykholm
23 cm/9"
16-1135-23

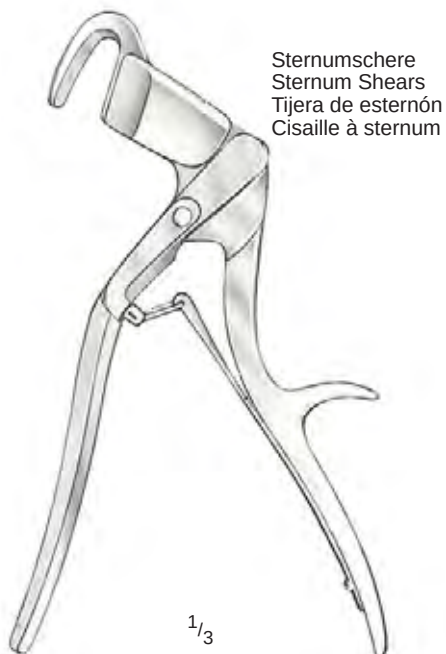


Sauerbruch
30 cm/12"

دنده بر

Rippenscheren, Sternumschere
 Rib Shears, Sternum Shears
 Costótomos, Tijera de esternón
 Costotomes, Cisaille à sternum

Lebsche
 25 cm/10"
 16-1575-25



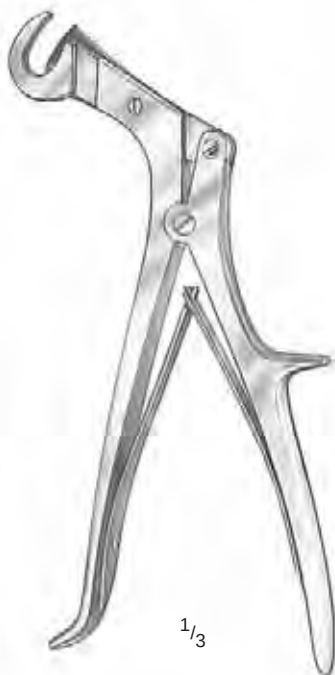
Gluck
 19 cm/7 $\frac{1}{2}$ " = 16-1422-19
 22 cm/8 $\frac{3}{4}$ " = 16-1422-22



2
 links
 left
 a la izquierda
 à gauche
 16-1452-02



1
 rechts
 right
 a la derecha
 à droite
 16-1452-01



Stille-Giertz
 24,5 cm/9 $\frac{3}{4}$ "
 16-1475-25
 27 cm/10 $\frac{3}{4}$ "
 16-1475-27



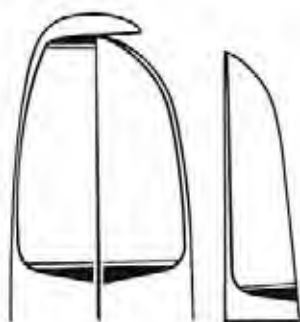
Sauerbruch
 23 cm/9" = 16-1484-23
 26 cm/10 $\frac{1}{4}$ " = 16-1484-26

دنده بر

Rippenscheren
Rib Shears
Costótomos
Costotomes



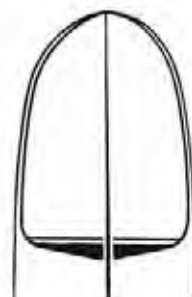
16



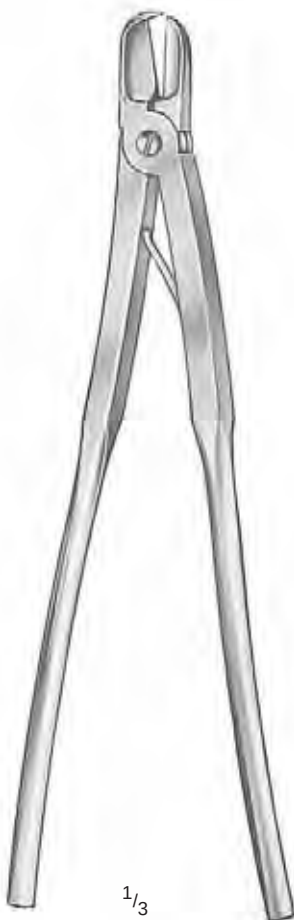
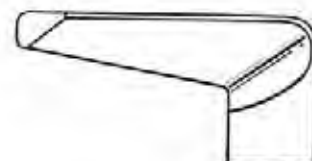
für die linke Hand
for the left hand
para la mano izquierda
pour la main gauche



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



$\frac{1}{1}$



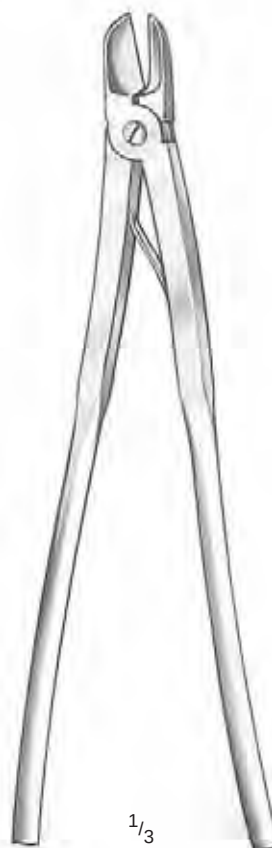
$\frac{1}{3}$

Coryllos-Bethune
35 cm/13 $\frac{3}{4}$ "
16-1535-02



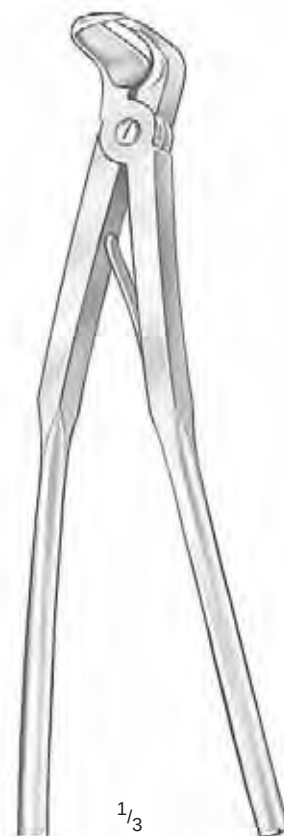
$\frac{1}{3}$

Coryllos-Bethune
35 cm/13 $\frac{3}{4}$ "
16-1535-01



$\frac{1}{3}$

Bethune
34 cm/13 $\frac{1}{2}$ "
16-1540-34

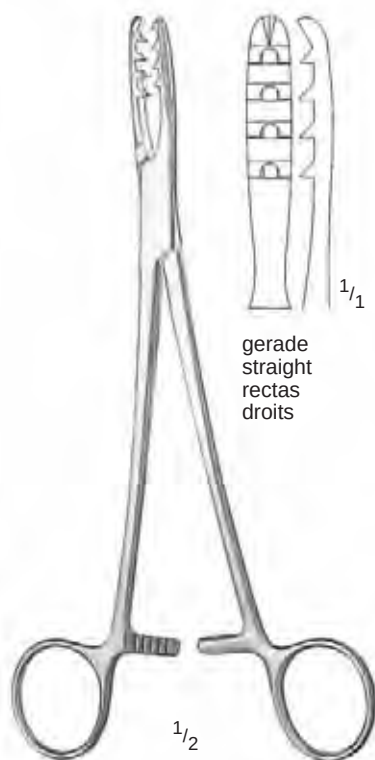


$\frac{1}{3}$

Roos
33 cm/13"
16-1543-33

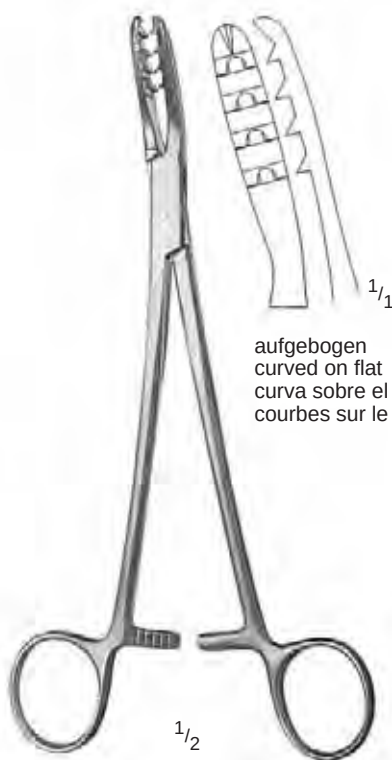
پنس منیسک، غضروف

Meniskus- und Knorpelzangen
Meniscus- and Cartilage Forceps
Pinzas para meniscos y para cartilagos
Pincers à ménisque et à cartilage



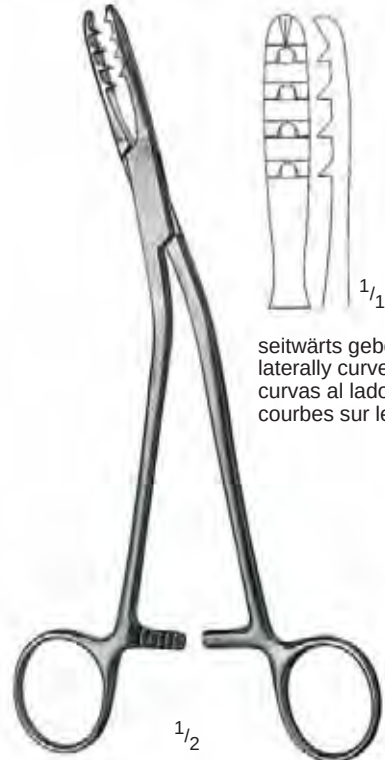
gerade
straight
rectas
droits

Bircher-Ganske
20 cm/8"
16-2002-20



aufgebogen
curved on flat
curva sobre el plano
courbes sur le plat

Bircher-Ganske
20 cm/8"
16-2003-20



seitwärts gebogen
laterally curved
curvas al lado
courbes sur le côté

Bircher-Ganske
20 cm/8"
16-2005-20



Martin
16 cm/6 1/4"
16-2008-16



Martin
19,5 cm/7 3/4"
16-2008-19

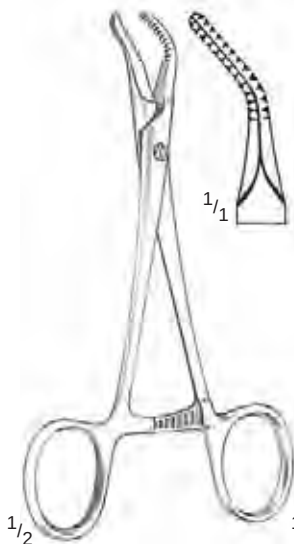
پنس رداکشن سوزنی، استخوان گیر

Knochenhaltezangen, Repositionszangen
Bone Holding Forceps, Reposition Forceps
Pinzas para huesos, pinzas para reducción
Daviers, pincès à réduction

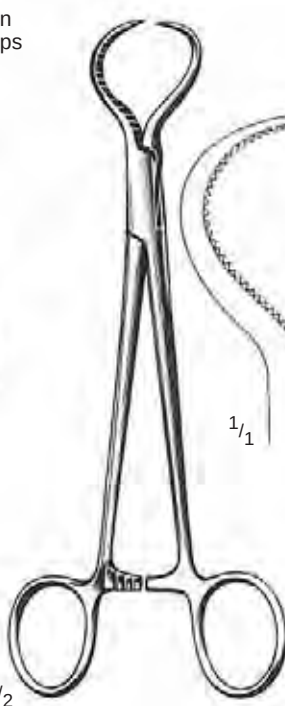


16

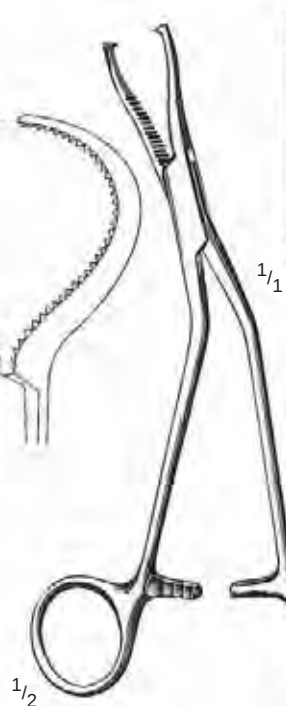
Knochenhaltezangen
 Bone Holding Forceps
 Pinzas para huesos
 Daviers



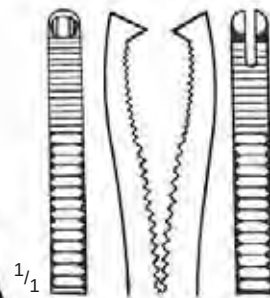
14 cm/5 1/2"
 16-2021-14



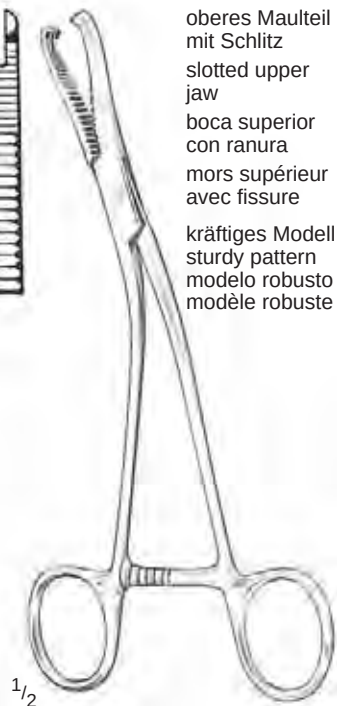
Lewin
 18 cm/7"
 16-2027-18



Dingman
 18,5 cm/7 1/4"
 16-2035-19



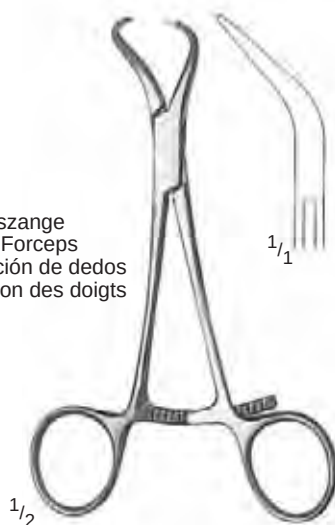
leichtes Modell
 light pattern
 modelo ligero
 Modèle léger



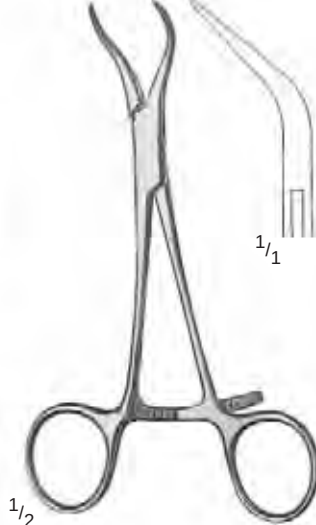
oberes Maulteil
 mit Schlitz
 slotted upper
 jaw
 boca superior
 con ranura
 mors supérieur
 avec fissure
 kräftiges Modell
 sturdy pattern
 modelo robusto
 modèle robuste

Repositionszangen
 Reposition Forceps
 Pinzas para reducción
 Pincès à réduction

Finger-Repositionszange
 Finger Reposition Forceps
 Pinza para reposición de dedos
 Pince pour réduction des doigts

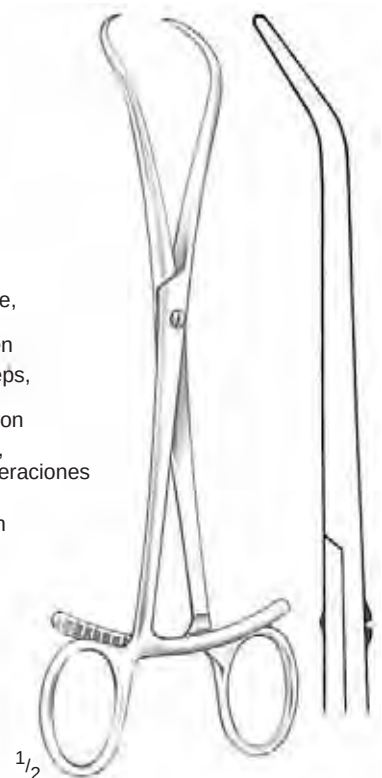


Apart
 13,5 cm/5 1/4" 16-2041-13
 18 cm/7" 16-2041-18



Univer
 14,5 cm/5 3/4"
 16-2043-14

Repositionszange,
 speziell für
 Kieferrepositionen
 Reposition Forceps,
 especially for
 maxillary reposition
 Pinza reposición,
 especial para operaciones
 en mandíbulas
 Pince à réduction
 spéciale pour
 réduction des
 maxillaires



Univer
 18 cm/7" 16-2051-18
 20 cm/8" 16-2051-20
 30 cm/12" 16-2051-30



پنس رداکشن سوزنی، استخوان گیر

Knochenhalte-zangen, Repositionszangen
Bone Holding Forceps, Reposition Forceps
Pinzas para huesos, pinzas para reducción
Daviers, pincers à réduction



Reduction forceps with points
13 cm/5"
16-2053-13



Reduction forceps, toothed speed lock
14 cm/5½"
16-2055-14



Holding forceps for finger plates
13/5 cm/5¼"
16-2060-13



Reduction forceps with points/speed lock
20 cm/8"
16-2061-21



Reduction forceps with points
13 cm/5"
16-2062-13



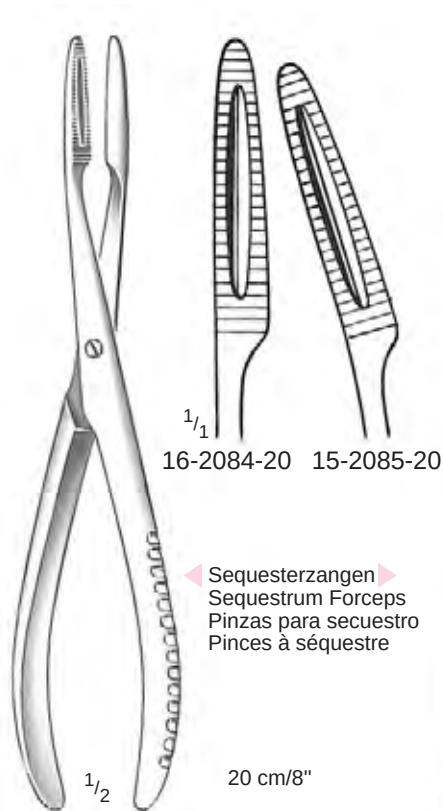
Patella forceps
17/5 cm/7"
16-2063-18



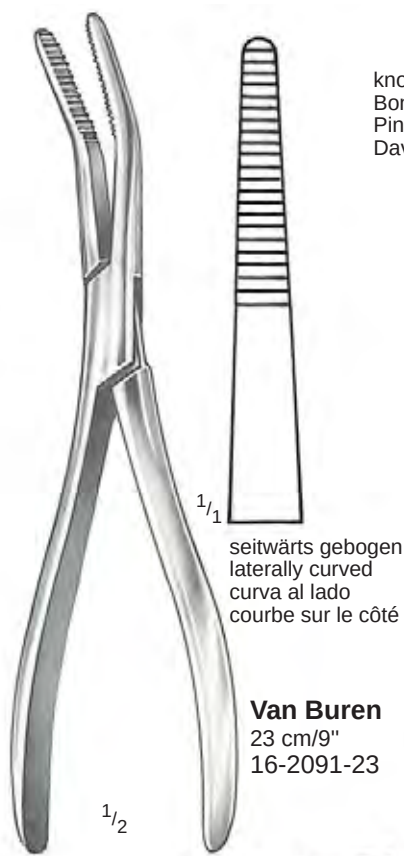
Reduction forceps with points
16 cm/6¼" 16-2064-16
20 cm/8" 16-2064-20

Sequesterzangen
Sequestrum Forceps
Pinzas para secuestro
Pincas à séquestre

پنس استخوان گیر
Knochenhalte­zangen
Bone Holding Forceps
Pinzas para huesos
Daviers

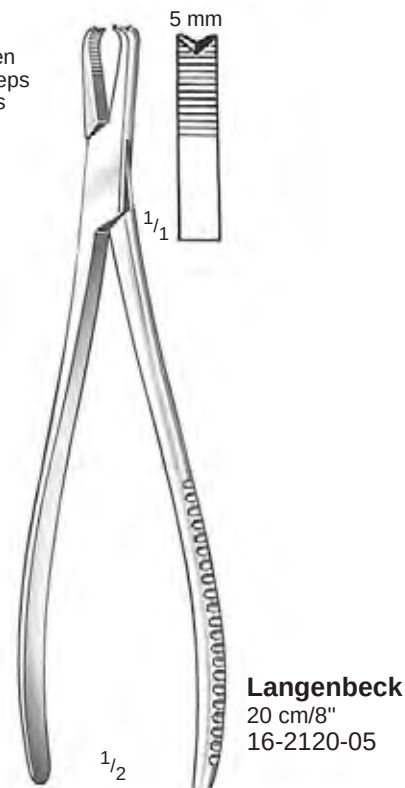


Sequesterzangen
Sequestrum Forceps
Pinzas para secuestro
Pincas à séquestre

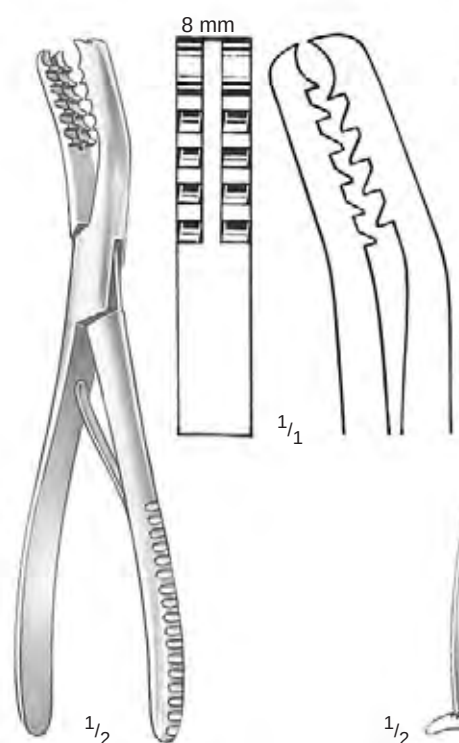


seitwärts gebogen
laterally curved
curva al lado
courbe sur le côté

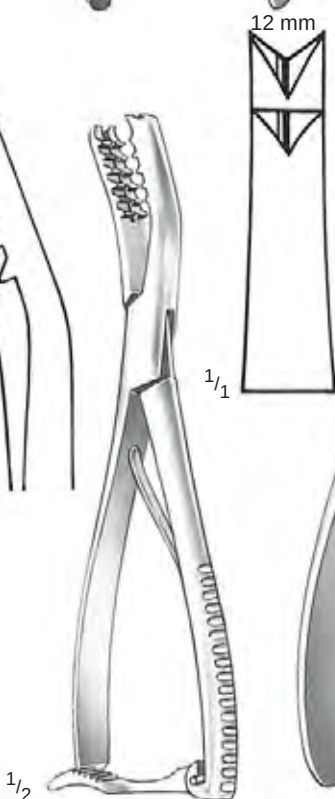
Van Buren
23 cm/9"
16-2091-23



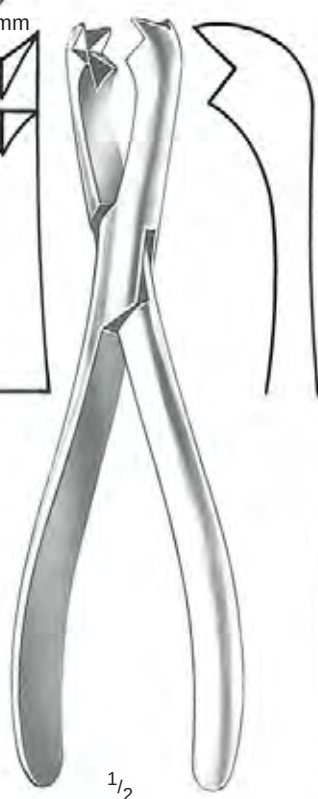
Langenbeck
20 cm/8"
16-2120-05



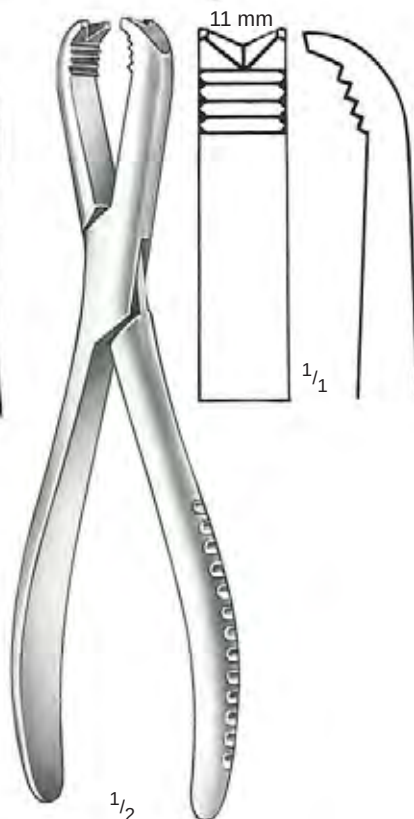
Semb
19 cm/7 1/2"
16-2131-19



Semb
19 cm/7 1/4"
16-2133-19



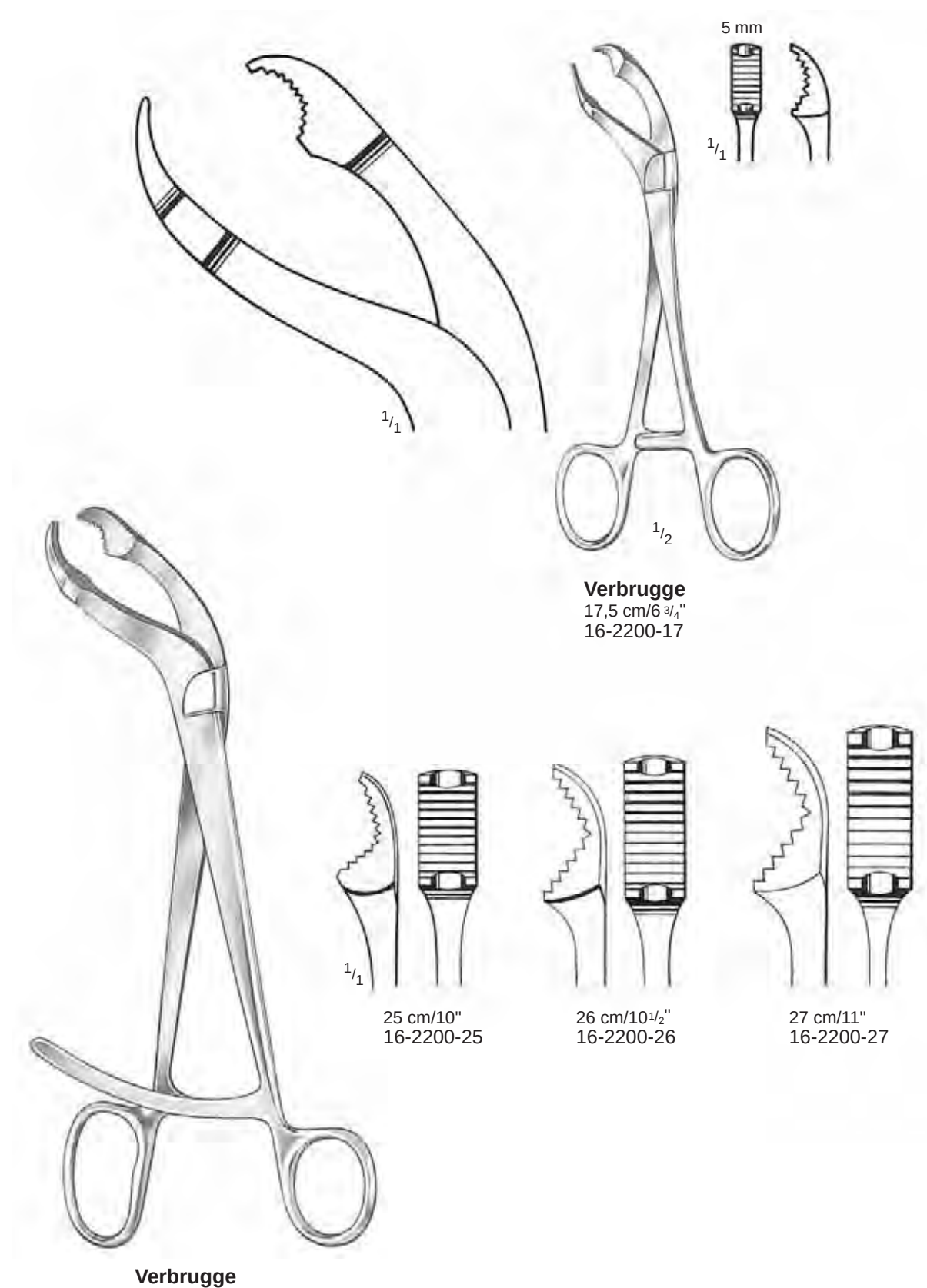
Fergusson
21 cm/8 1/4"
16-2150-21



Langenbeck
21 cm/8 1/4"
16-2152-21

پنس استخوان گیر

Knochenhalte­zangen
Bone Holding Forceps
Pinzas para huesos
Daviers

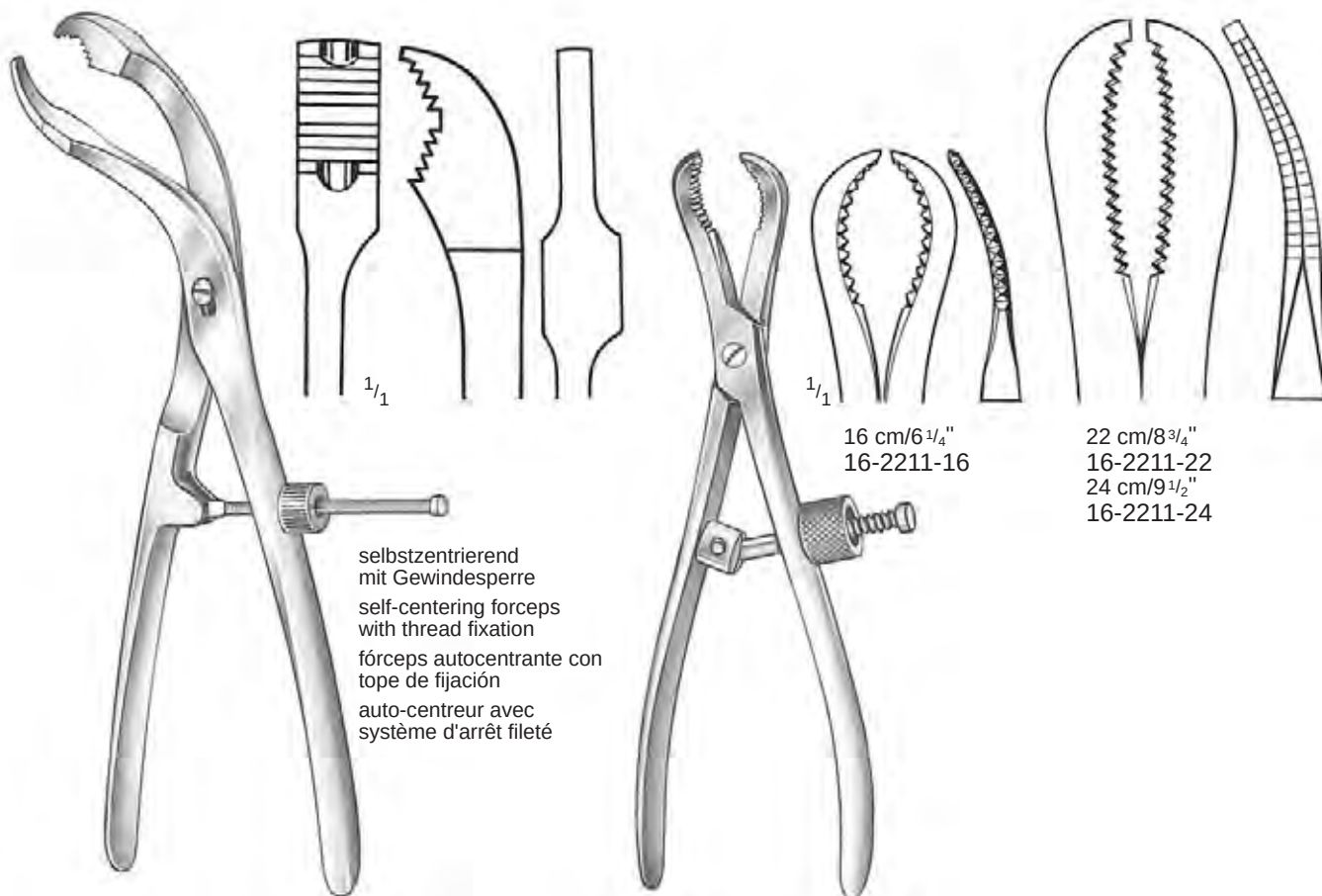
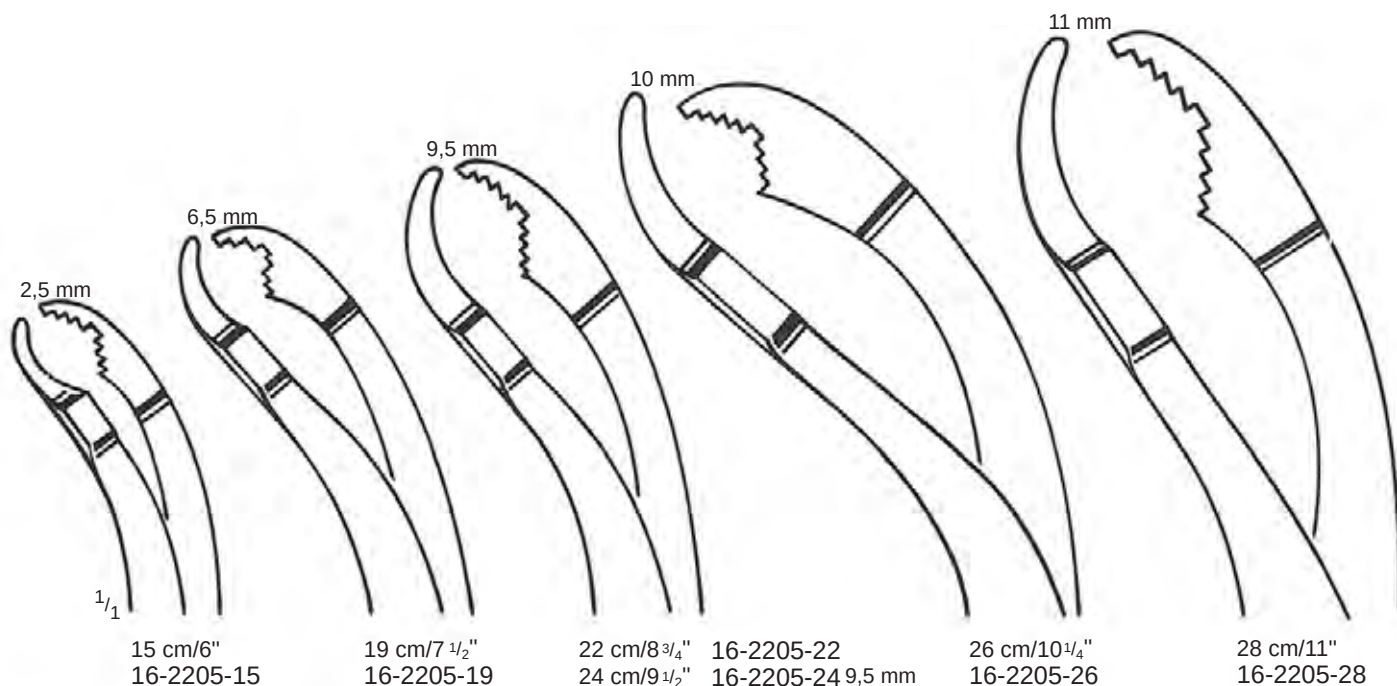


پنس استخوان گیر

Knochenhaltezaugen
Bone Holding Forceps
Pinzas para huesos
Daviers



16



selbstzentrierend
mit Gewindesperre
self-centering forceps
with thread fixation
fórceps autocentrante con
tope de fijación
auto-centreur avec
système d'arrêt fileté

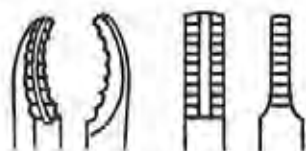
16-2205-15 - 16-2205-28

Setter



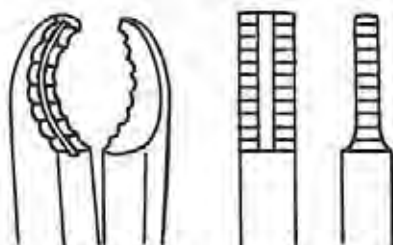
پنس استخوان گیر

Knochenhaltezen
Bone Holding Forceps
Pinzas para huesos
Daviers

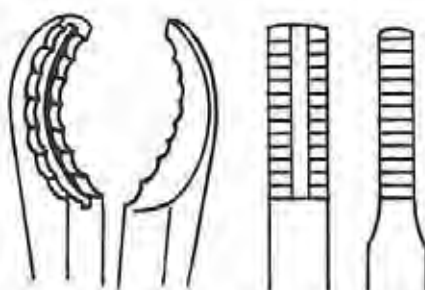


18 cm/7"
16-2220-18

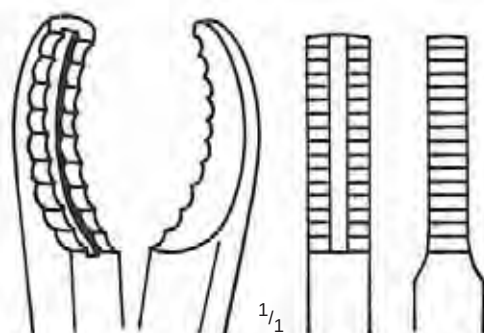
1/1



23 cm/9"
16-2220-23

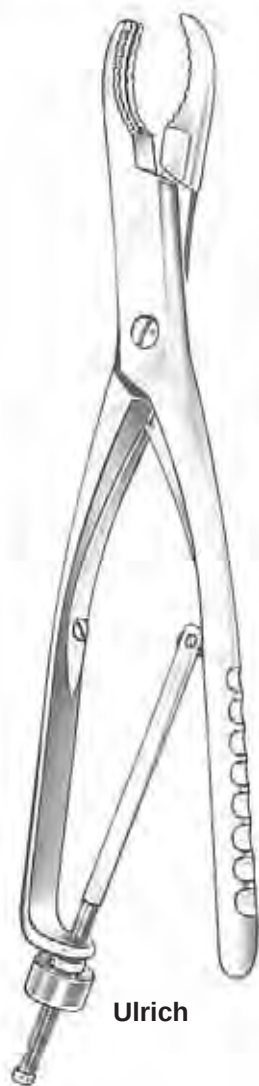


25 cm/10"
16-2220-25



28 cm/11"
16-2220-28

1/1

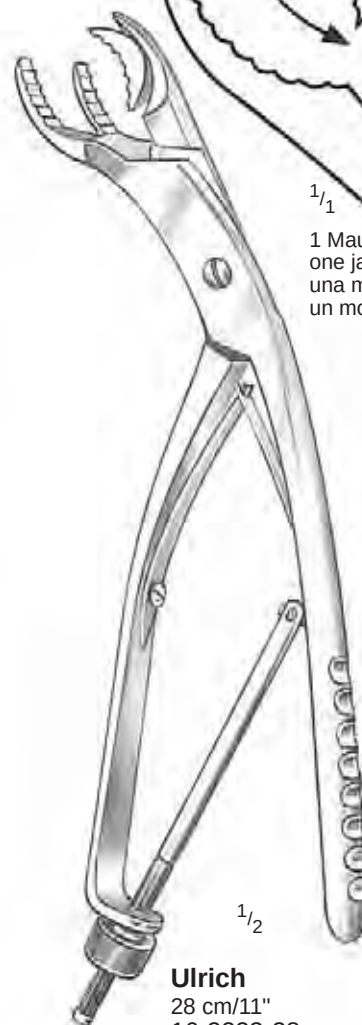


Ulrich



1/1

1 Maulteil beweglich
one jaw swiveled
una mandibula movable
un mors mobile



1/2

Ulrich
28 cm/11"
16-2223-28

پنس استخوان گیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



16



1 Maulteil beweglich
one jaw swiveled
una mandibula movable
un mors mobile



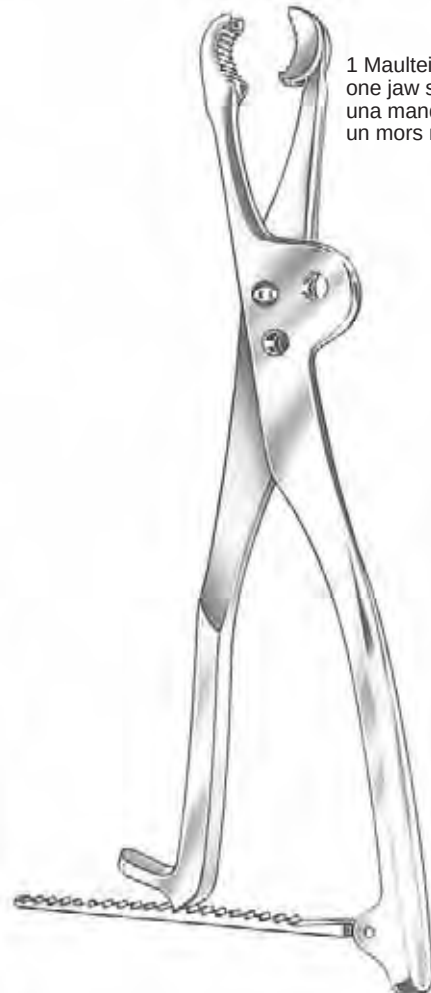
Farabeuf

16-2310-23 = 23 cm/9"
16-2310-23 = 23 cm/10¹/₄"



Farabeuf-Lambotte

26 cm/10¹/₄"
16-2315-26



Lambotte

16-2320-22 = 22 cm/8³/₄"
16-2320-27 = 27 cm/10¹/₂"
16-2320-30 = 30 cm/12"

verstellbar ■ adjustable ■ movibles ■ réglables



پنس استخوان گیر

Knochenhaltezaugen
Bone Holding Forceps
Pinzas para huesos
Daviers



Hey Groves
21 cm/8 ¹/₄"
16-2330-21

Hey Groves
25 cm/10" 16-2330-25
27 cm/10 ³/₄" 16-2330-27

Hey Groves
30,5 cm/12"
16-2330-30



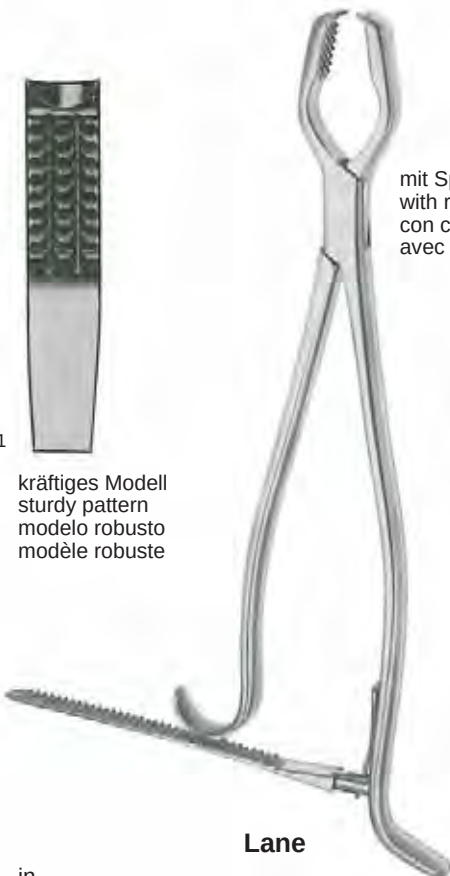
		Kern	Kern
cm	in.		
14	5 1/2	16-2340-14	16-2342-14 (Baby-Kern)
17	6 3/4	16-2340-17	16-2342-17
20	8		16-2342-20
22	8 3/4	16-2340-22	16-2342-22
24	9 1/2		16-2342-24



ohne Sperre
without ratchet
sin cremallera
sans crémaillère



kräftiges Modell
sturdy pattern
modelo robusto
modèle robuste



Lane

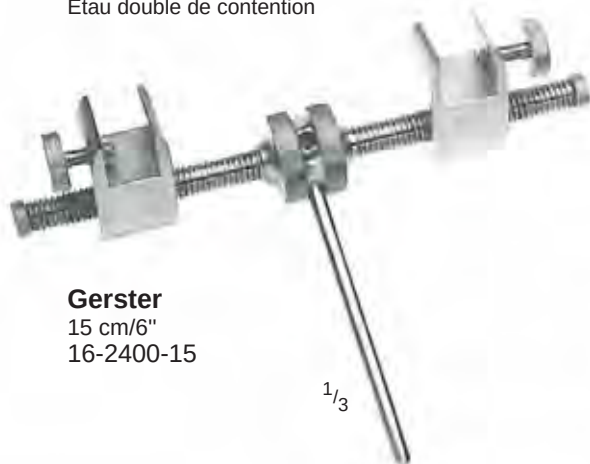
Lane

	cm	in.	
16-2360-33	33	13	16-2362-33
16-2360-43	43	17	16-2362-43

کلمپ استخوانی

Knochenhalteklammern, Nagelausreißzange
 Bone Clamps, Nail Extracting Forceps
 Pinzas porta-huesos, Pinza para arrancar uñas
 Daviers, pince pour extraire les ongles

Distraktionsklammer
 Traction bar (Turnbuckle)
 Barra de tracción
 Etau double de contention



Gerster
 15 cm/6"
 16-2400-15

 $\frac{1}{3}$  $\frac{1}{2}$ **Lowman**

cm	inch.	
12	4 $\frac{3}{4}$	16-2410-12
18	7	16-2410-18
20	8	16-2410-20
22	8 $\frac{3}{4}$	16-2410-22

 $\frac{1}{2}$ **Lowman-Hoglund**

18 cm/7"	
16-2420-18	
20 cm/8"	
16-2420-20	
22 cm/8 $\frac{3}{4}$ "	
16-2420-22	

 $\frac{1}{2}$ **Lowman Modif.**

cm	inch.	
12	4 $\frac{3}{4}$	16-2430-12
18	7	16-2430-18
20	8	16-2430-20

Nagelausreißzange
 Nail extracting forceps
 Pinza para arrancar uñas
 Pince pour extraire les ongles

 $\frac{1}{2}$ $\frac{1}{1}$

Radolf
 14 cm/5 $\frac{1}{2}$ "
 16-2494-14

پین بر، سیم چین، انبردست، دم باریک

Flachzangen, Drahtschneidezangen

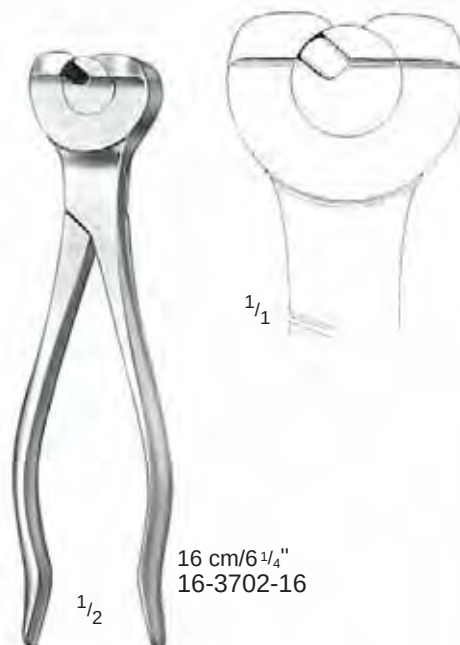
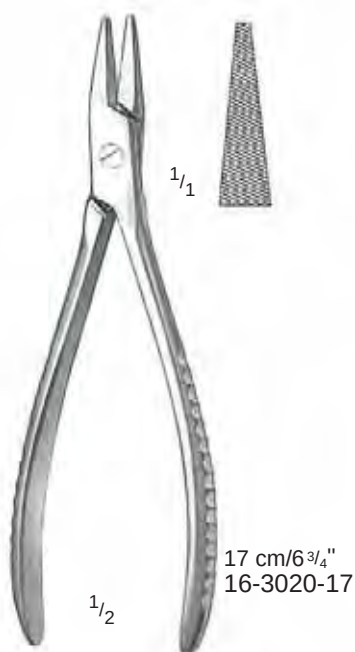
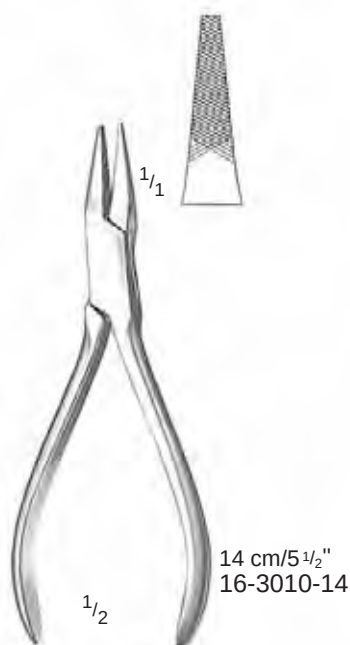
Flat Pliers, Pin and Wire Cutter

alicates planos, fórceps para cortar alambre y agujas

pincers à mors plats, pinces coupantes pour fils métalliques



16



Drahtbiegezange
Wire Bending Pliers
Alicate para doblar alambre
Pince pour plier le fil d'acier

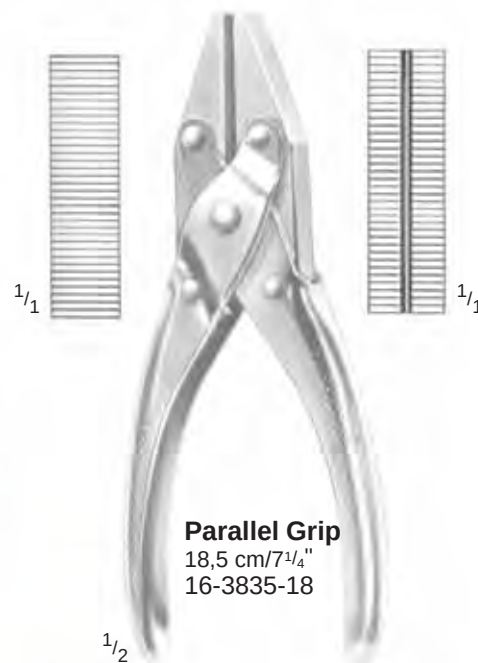
پین بر، دمباریک، پلاک خمکن (دستی، رومیزی)، انبر قفلی

Flachzangen, Tonnenzange

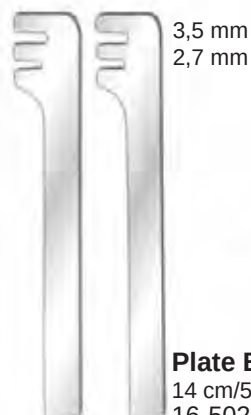
Flat Nose Pliers, Vise Grip, Plate bending iron, Locking plier

Alicates de pico plano

Pincas plates



2,7 mm
3,5 mm



Lane Bending Tool For Bone Plates, Double-Ended

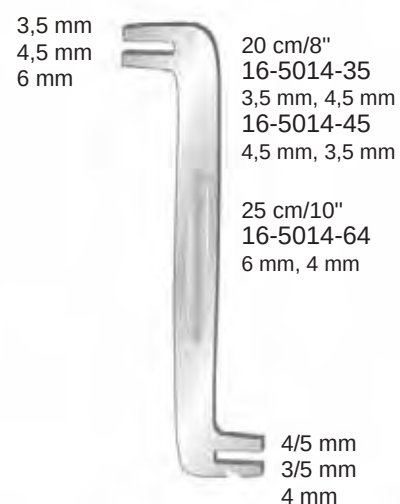


Plate Bending & Contouring Device

پین بر - سیم چین (تنگستن کارباید)

Drahtschneidezangen, Seltenschneider Univer Gold T/C

Pin Cutters, Wire Cutters Univer Gold T/C

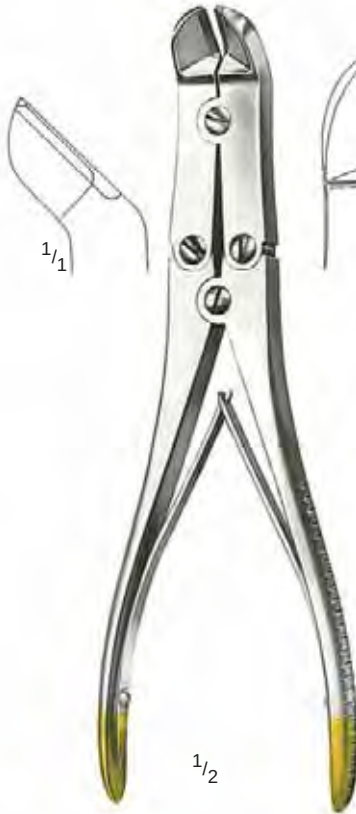
Fórcps para cortar alambre y agujas Univer Gold T/C

Pinces coupantes pour fils métalliques Univer Gold T/C



16

Typ/Type/Type/Tipo:
Müller-Claus



Müller-Claus

8-800E-22 22 cm/8 3/4"

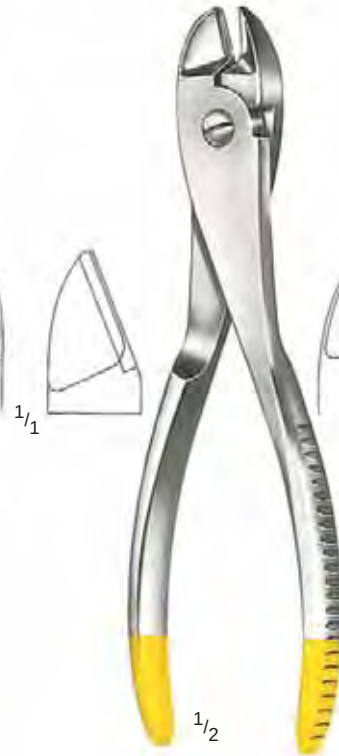


Müller-Claus

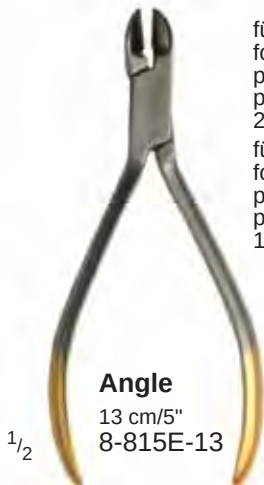
8-810E-14 14 cm/5 1/2"

8-810E-16 16 cm/6 1/4"

8-810E-18 18 cm/7"



8-812E-20 20 cm/8"

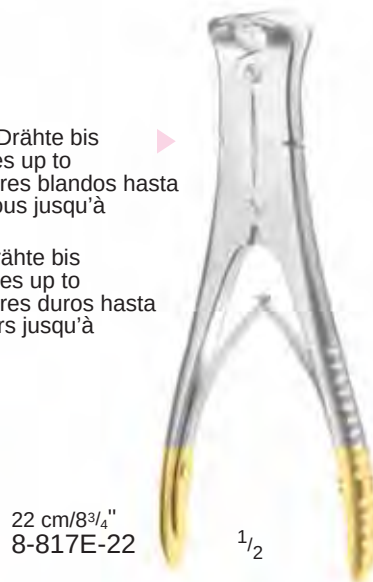


Angle

13 cm/5"

8-815E-13

für weiche Drähte bis
for soft wires up to
para alambres blandos hasta
pour fils mous jusqu'à
2,0 mm Ø
für harte Drähte bis
for hard wires up to
para alambres duros hasta
pour fils durs jusqu'à
1,2 mm Ø



22 cm/8 3/4"

8-817E-22



Plate Cutting Forceps

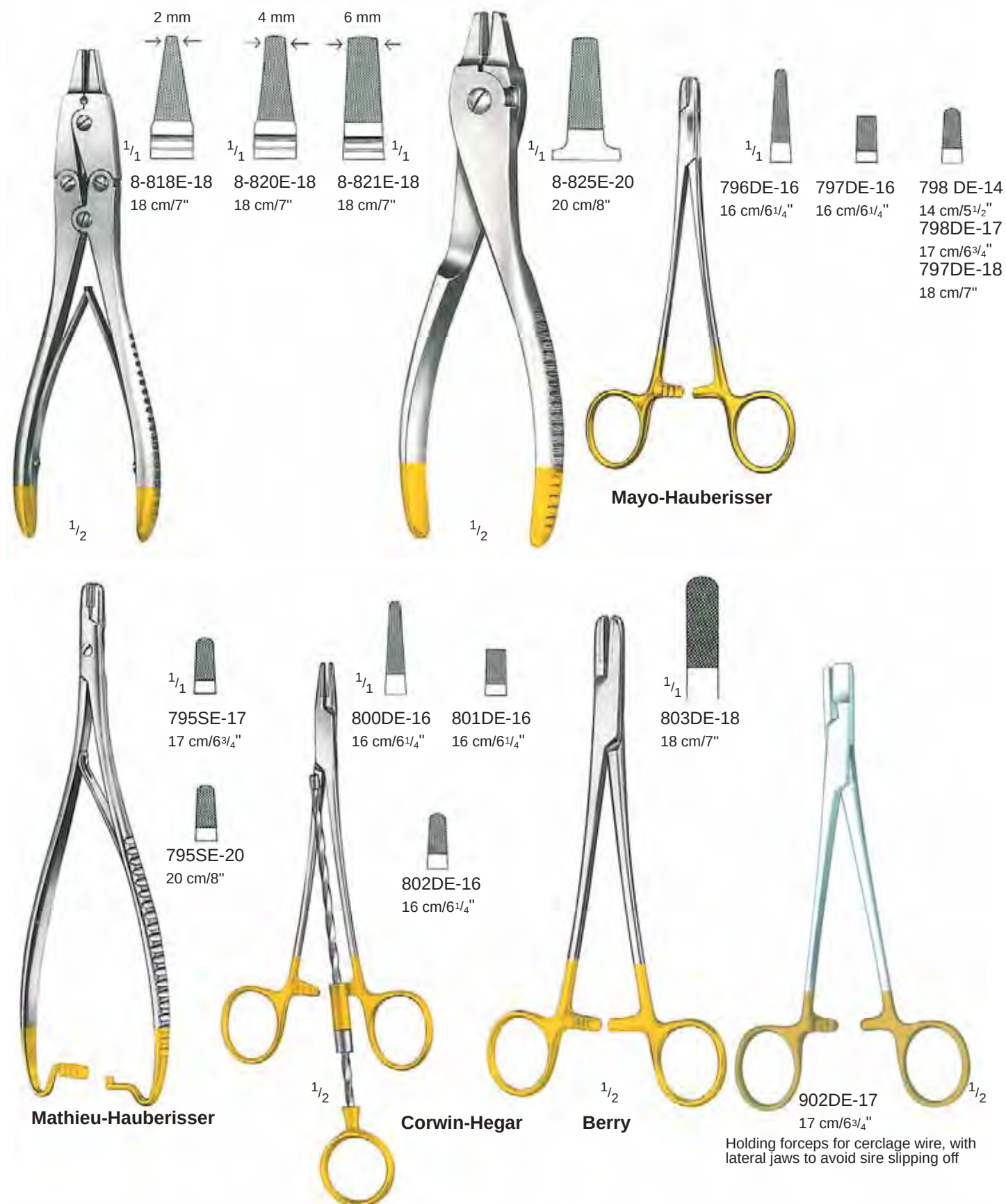
8-820E-24

24 cm/9 1/2"

سیم‌گیر - سیم‌پیچ، انبردست، پین‌کش

Drahtextraktionszangen, Flachzangen
 Drahtspannzangen
 Wire Pullers, Flat Pliers, Wire Twisters
 Fórceps para extraer alambre, alicates
 planos, tensores de alambre
 Pinces à extraction à mors plats
 Pinces serre-fil

Typ/Type/Type/Tipo:
 Mayo-Hauberisser
 Mathieu-Hauberisser
 Corwin-Hegar, Berry



سیم‌چین (وایکل)

Seltenschneider

Wire Cutters

Fórcps para cortar alambre

Pinces coupantes pour fils métalliques



16



Tc wire cutter

8-800E-40 = 38,5 cm/15" 4 mm
8-800E-47 = 45 cm/17 ³/₄" 5 mm
8-800E-55 = 56 cm/22" 6 mm

For wire



wire cutter

16-5306-40 = 38,5 cm/15" 4 mm
16-5306-47 = 45 cm/17 ³/₄" 5 mm
16-5306-55 = 56 cm/22" 6 mm

For wire

Amputation
Amputation
Amputación
Amputation

انواع اره قطع عضو

Amputations- und Resektionssägen
Amputating and Resection Saws
Sierras para amputación y resección
Scies à amputation et résection



Ersatzsägeblatt
spare saw blade
hoja de repuesto
lame de rechange
16-5420-77

Weiss
37 cm/14 $\frac{1}{2}$ "
16-5420-37



Ersatzblätter
spare saw blades
hojas de repuesto
lames de rechange
18 cm/ 7"
16-5430-78
20 cm/ 8"
16-5430-80

Charrière

cm	inch.	
27	10 $\frac{3}{4}$	16-5430-27
30	12	16-5430-30



Ersatzsägeblatt
spare saw blade
hoja de repuesto
lame de rechange
19 cm/7 $\frac{1}{2}$ "
16-5435-79

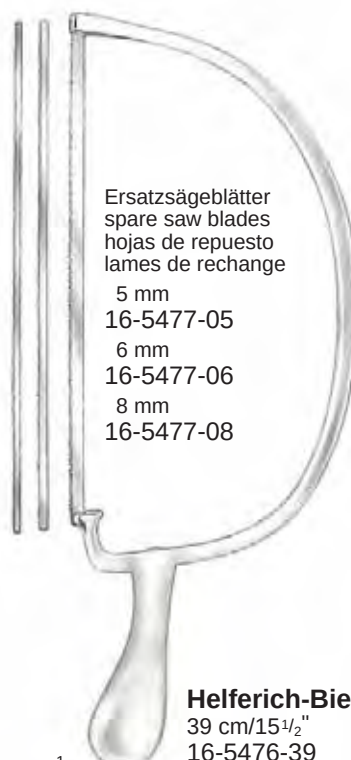
Satterlee
29 cm/11 $\frac{1}{2}$ "
16-5435-29



Ersatzsägeblätter
spare saw blades
hojas de repuesto
lames de rechange
12 mm
16-5451-12
15 mm
16-5451-15
18 mm
16-5451-18

Charrière
35 cm/13 $\frac{3}{4}$ "
16-5450-35

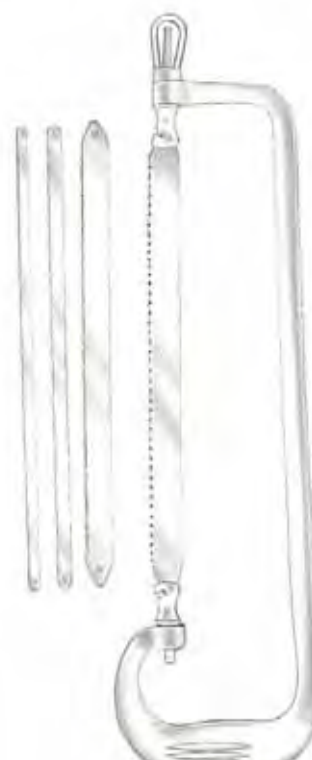
mit 2 Sägeblättern, 12 mm und 18 mm breit
with 2 saw blades, 12 mm and 18 mm wide
con 2 hojas de 12 mm y 18 mm de ancho
avec 2 lames de 12 mm et 18 mm de large



Ersatzsägeblätter
spare saw blades
hojas de repuesto
lames de rechange
5 mm
16-5477-05
6 mm
16-5477-06
8 mm
16-5477-08

Helferich-Bier
39 cm/15 $\frac{1}{2}$ "
16-5476-39

mit je 1 Sägeblatt 5, 6 und 8 mm
with 1 each saw blade 5, 6 and 8 mm
con 1 hoja de 5, 6 y 8 mm de cada una
avec 1 lame de 5, 6 et 8 mm de large

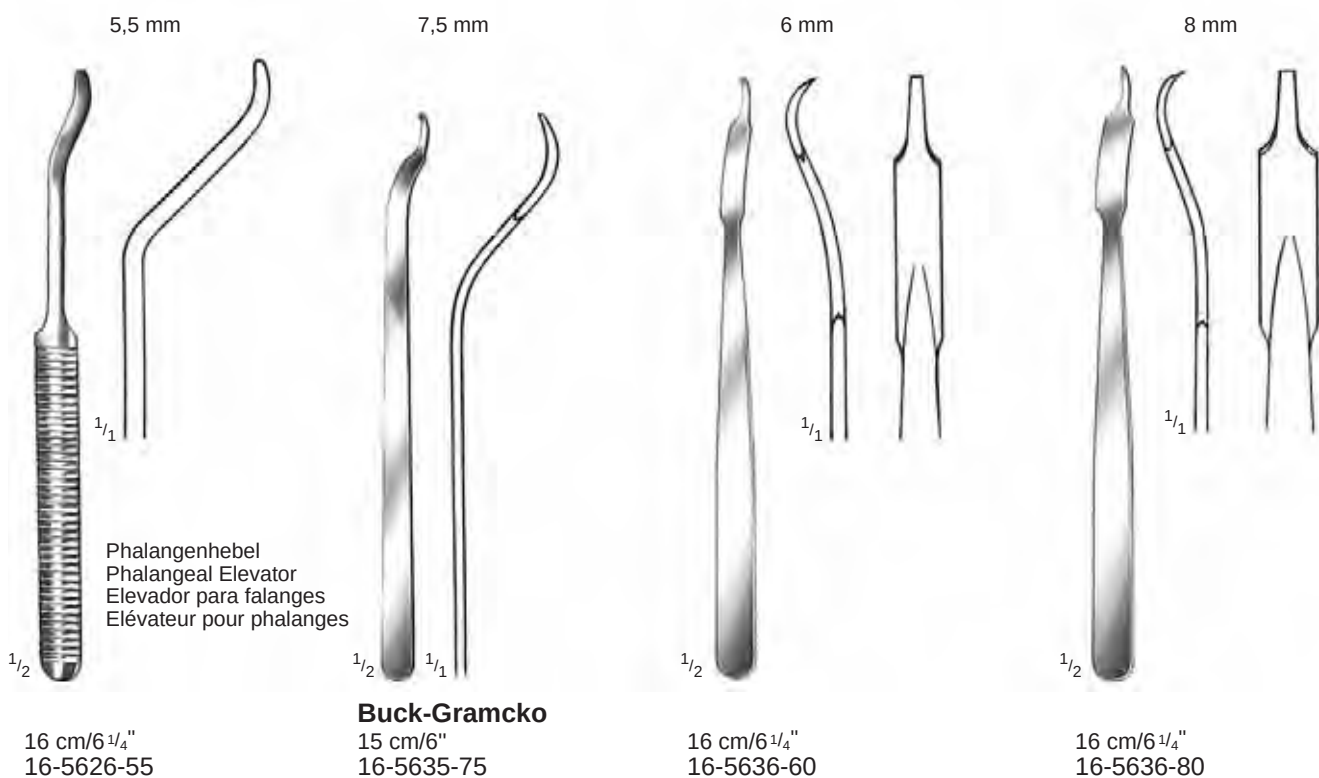
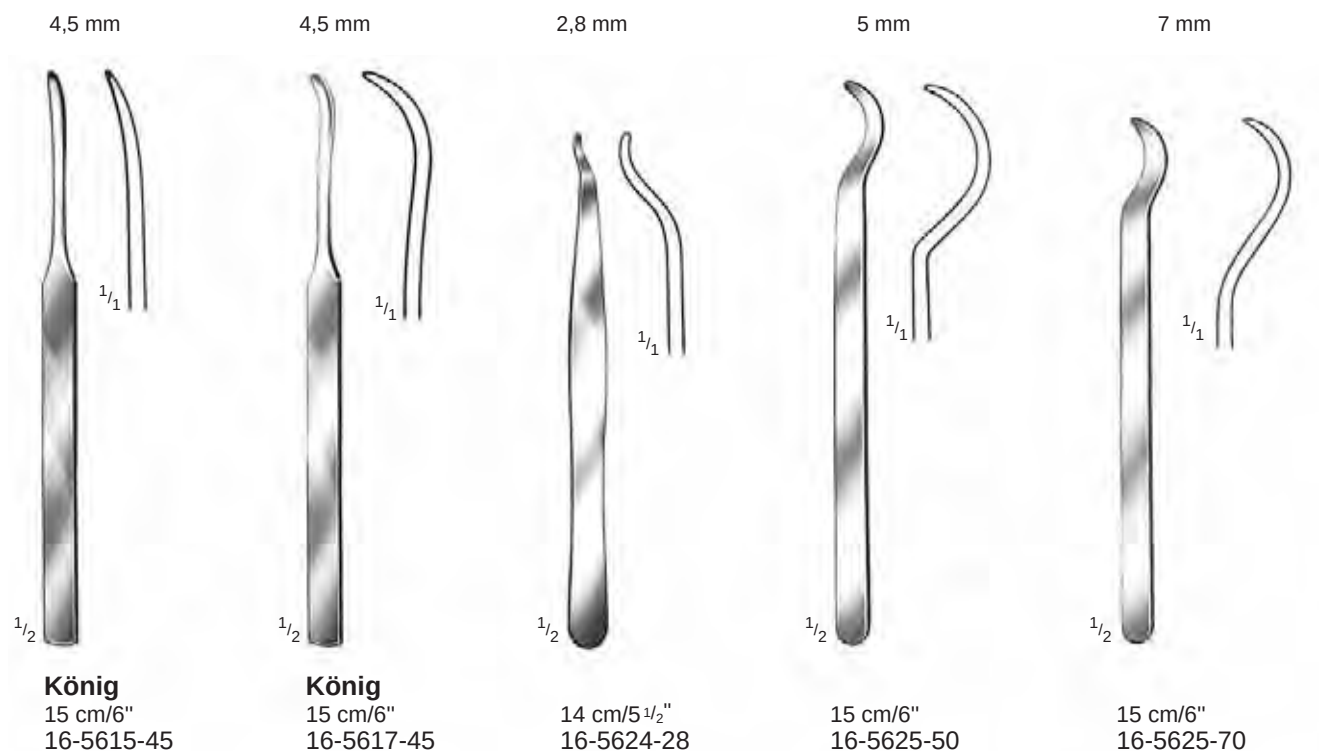


Ersatzsägeblätter
spare saw blades
hojas de repuesto
lames de rechange
6 mm
16-5481-06
8 mm
16-5481-08
15 mm
16-5481-15
18 mm
16-5481-18

Rust
39 cm/15 $\frac{1}{2}$ "
16-5480-39

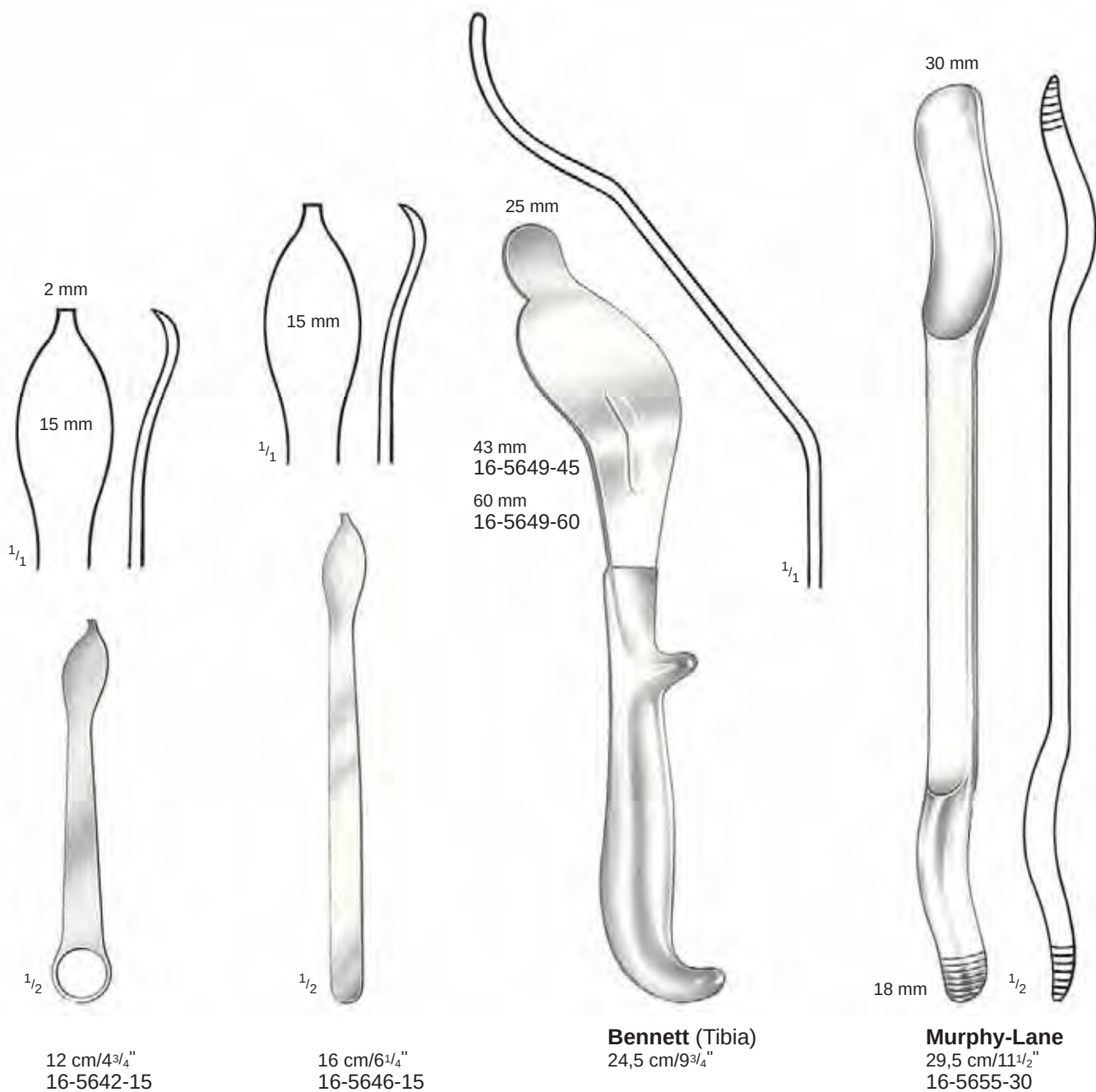
mit je 1 Sägeblatt 6, 8, 15 und 18 mm
with 1 each saw blade 6, 8, 15 and 18 mm
con 1 hoja de 6, 8, 15 y 18 mm de cada una
avec 1 lame de 6, 8, 15 et 18 mm de large

Knochenheber
Bone Levers
Elevadores para huesos
Leviers à os



Knochenhebel
 Bone Levers
 Elevadores para huesos
 Leviers à os

Luxations-Hebel
 Luxation Lever (Bone Skid)
 Palanca para luxaciones
 Levier pour luxations



اکارتور بنت
Knochenhebel
Bone Levers
Elevadores para huesos
Leviers à os

8 mm

18 mm

43 mm

70 mm



Hohmann
22 cm/8 1/2"
16-5660-08

Hohmann
24 cm/9 1/2" /18 mm 16-5660-18
24 cm/9 1/2" /22 mm 16-5660-22
24 cm/9 1/2" /34 mm 16-5660-34

Hohmann
24 cm/9 1/2"
16-5660-43

Hohmann
24 cm/9 1/2"
16-5660-70



اکارتور بنت
 Knochenhebel
 Bone Levers
 Elevadores para huesos
 Leviers à os

43 mm

22 mm

33 mm

24 mm

22 mm



Hohmann
 24,5 cm/9³/₄"
 16-5661-43

Hohmann
 26 cm/10¹/₄"
 16-5662-22

Hohmann
 28 cm/11"
 16-5662-33

27,5 cm/10³/₄"
 16-5664-24

Longe-Hohmann
 26 cm/10¹/₄"
 16-5665-22

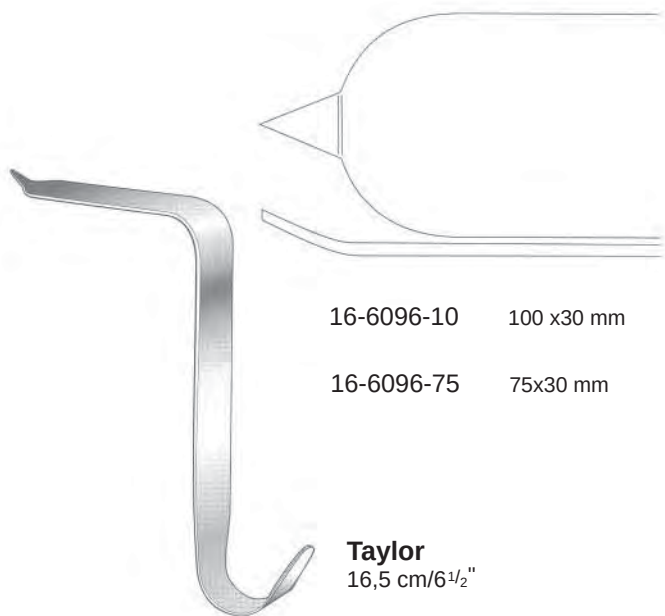
Kniehaken, Spinalhaken
Knee Retractors, Spinal Retractors
Separadores para rodilla, Separadores espinales
Ecarteurs pour le genou, Ecarteurs spinaux



Blount
26,5 cm/10 1/2"
16-6090-27

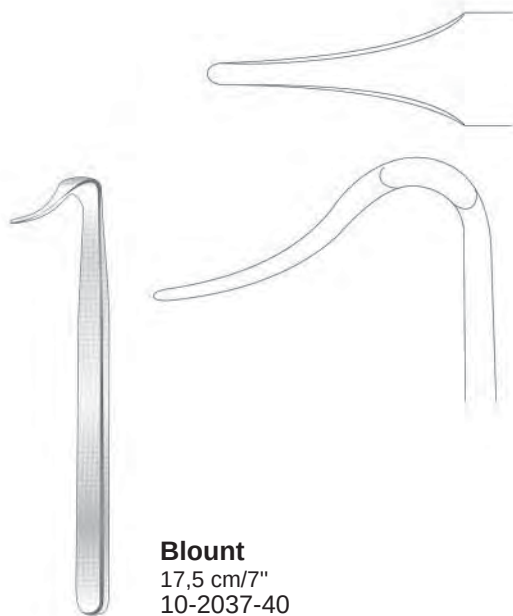


Blount
26,5 cm/10 1/2"
16-6091-27



16-6096-10 100 x30 mm
16-6096-75 75x30 mm

Taylor
16,5 cm/6 1/2"



Blount
17,5 cm/7"
10-2037-40



تی هندل ارتوپدی (دسته پتر)

Set of 16-6200-18
16-6201-11
16-6211-18Tape Handle
16-6540-183,5 mm 16-6201-11
4,5 mm 16-6202-11Hexagonal Screwdriver for quick coupling
width across flats 3.5 mm

1/2

16-6345-02



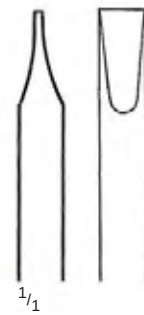
1/2

16-6345-03



1/2

16-6345-06

Schraubendreher
Screw Driver
Destornillador
TournevisFerrozell-Griff
Ferrozell Handle
mango de Ferrozell
manche Ferrozell

1/1



1/2

16-6345-09



1/2

16-6345-10



1/2

16-6345-13



1/2

16-6345-25



1/2

16-6345-35



1/2

Lane
25 cm/10"
16-6402-25

16-6345-00 - Screwdriver-Set, complete:

16-6345-02 - Screwdriver handle only, perforated,
with rapid chuck

16-6345-03 - Attachment, slot, only

16-6345-06 - dto, cruciform, only

16-6345-09 - dto, Philips small, only

16-6345-10 - dto, Philips large, only

16-6345-13 - Jacobs Universal three jaw chuck,
6,3 mm, only, with key16-6345-25 - Wrench for Inner hexagonals
2,5 mm, only

16-6345-35 - dto, 3,5 mm

- Juego de destornilladores, completo:

- Mango-destornillador suelto, perforado,
con mandril rápido

- punta suelta, para ranura ordinaria

- idem, ranuras cruzadas, suelta

- idem, Philips pequeñas, suelta

- idem, Philips grandes, suelta

- Jacobs mandril universal de tres mordazas,
6,3 mm, suelto, con llave- punta suelta para cabezas con entrada
hexagonal, 2,5 mm

- idem, 3,5 mm

- Jeu de tournevis, complet:

- Manche tournevis seul, perforé,
avec mandrin rapide

- Pointe de tournevis, pour vis à tête fendue, seule

- Idem, vis à tête fendue en croix, seule

- Idem, pour Philips petite, seule

- Idem, pour Philips grande, seule

- Mandrin Jacobs universel, 6,3 mm, seul, avec clef

- Pointe de tournevis, pour vis à six pans,
2,5 mm, seul

- Idem, 3,5 mm

Interlocking Nail System

Drill Bits Cannulated hole Ø 2.1 mm Length 150 mm

Drill Bits Length 150 mm

	Ø mm
16-7147-27	2.7
16-7147-35	3.5
16-7147-40	4.0
16-7147-48	4.8

	Ø mm
16-7150-35	3.5
16-7150-40	4.0
16-7150-48	4.8

Schraubendreher
Screw Driver
Destornillador
Tournevis

Ferrozell-Griff
Ferrozell Handle
mango de Ferrozell
manche Ferrozell

Screw Driver for 3.5 mm
16-7219-00

Screw Driver for 4.5 mm
16-7219-01

Screw Driver for 4.5 mm
25 cm/10"
16-7222-01

Screw Driver for 3.5 mm
25 cm/10"
16-7222-00

+

17 cm/6 3/4"
16-7223-00

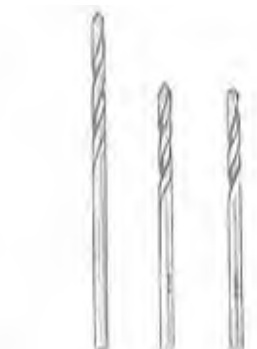
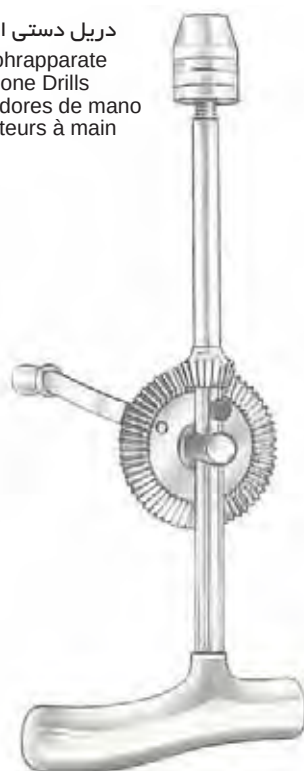
پیچ گوشتی فکی با هولدر
16-7225-72

دریل دستی استخوان
Handbohrapparate
Hand Bone Drills
Perforadores de mano
Perforateurs à main

Ralks
16-7406-20

دریل دستی استخوان

Handbohrapparate
Hand Bone Drills
Perforadores de mano
Perforateurs à main



Ø mm	3,2	3,2	3,2
cm	9,0	7,5	7,0

Satz
Set
Juego
Jeu

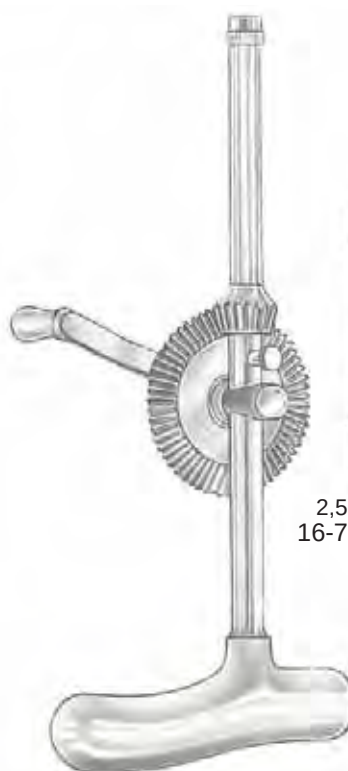
16-7410-30

Bohrwinde allein
Hand drill without twist drills
Perforador sin taladros
Perforateur sans mèches
16-7410-90

Moore
16-7410-00

komplett mit Satz/ 3 Spiralbohrern
complete with set/ 3 twist drills
perforador con juego/ 3 fresas
perforateur avec jeu/ 3 mèches

16-7410-30
16-7410-30
16-7410-30
16-7410-30

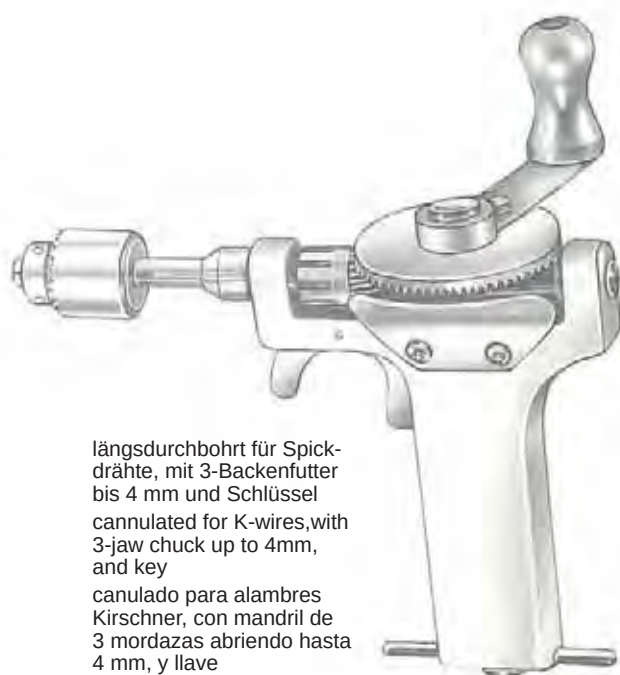


2,5 mm Ø	3,0 mm Ø	3,5 mm Ø
16-7420-25	16-7420-30	16-7420-35

Bohrwinde allein
Hand drill without twist drills
Perforador sin taladros
Perforateur sans mèches
16-7420-90

Stille-Sherman komplett mit 3 Bohrern
24 cm/9½" complete with 3 twist drills
16-7420-00 perforador con 3 fresas
perforateur avec 3 mèches

16-7420-25/-35
16-7420-25/-35
16-7420-25/-35
16-7420-25/-35



längsdurchbohrt für Spickdrähte, mit 3-Backenfutter bis 4 mm und Schlüssel
cannulated for K-wires, with 3-jaw chuck up to 4 mm, and key
canulado para alambres Kirschner, con mandril de 3 mordazas abriendo hasta 4 mm, y llave
perforation axiale pour broches de Kirschner, avec mandrin de 3 mâchoires jusqu'à 4 mm, et clef

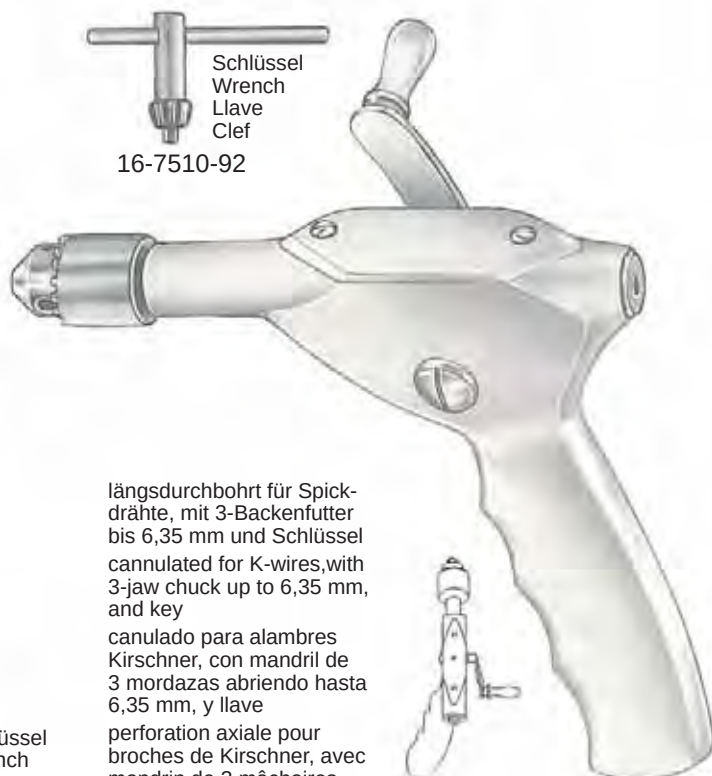
Bunnell

16-7500-16

Schlüssel
Wrench
Llave
Clef



16-7510-92



längsdurchbohrt für Spickdrähte, mit 3-Backenfutter bis 6,35 mm und Schlüssel
cannulated for K-wires, with 3-jaw chuck up to 6,35 mm, and key
canulado para alambres Kirschner, con mandril de 3 mordazas abriendo hasta 6,35 mm, y llave
perforation axiale pour broches de Kirschner, avec mandrin de 3 mâchoires jusqu'à 6,35 mm, et clef

Ralks
16-7510-20

Handbohrfutter
 Drilling Chucks
 Mangos para clavos
 Mandrins de perforation

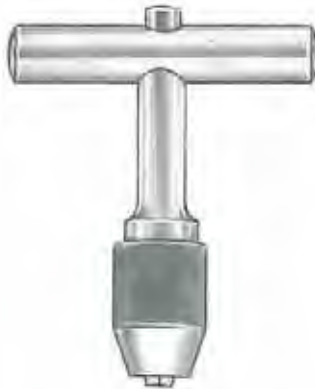
längsdurchbohrt, mit Schlüssel
 und 3-Backenfutter bis 4,5 mm
 cannulated, with key and 3-jaw
 chuck up to 4,5 mm
 perforación longitudinal, con llave y
 mandril de 3 mordazas abriendo
 hasta 4,5 mm
 perforation axiale, avec clef et
 mandrin de 3 mâchoires jusqu'à
 4,5 mm



Schlüssel
 Wrench
 Llave
 Clef
 16-7500-92

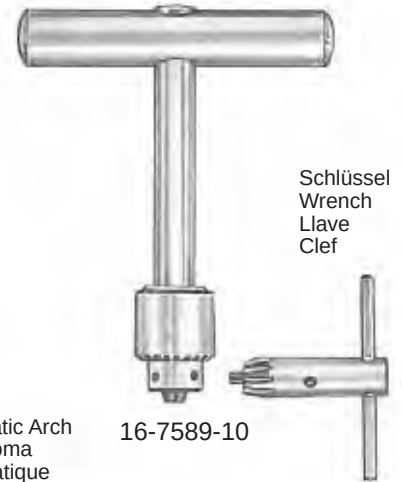
14 cm/5 1/2"
 16-7584-10

längsdurchbohrt, mit 3-Backenfutter
 bis 6,35 mm
 cannulated with 3-jaw chuck up to
 6,35 mm
 perforación longitudinal, con llave y
 mandril de 3 mordazas abriendo
 hasta 6,35 mm
 perforation axiale, avec mandrin
 de 3 mâchoires jusqu'à 6,35 mm



16-7586-10

längsdurchbohrt, mit Schlüssel
 und 3-Backenfutter bis 6,35 mm
 cannulated, with key and 3-jaw
 chuck up to 6,35 mm
 perforación longitudinal, con llave y
 mandril de 3 mordazas abriendo
 hasta 6,35 mm
 perforation axiale, avec clef et
 mandrin de 3 mâchoires jusqu'à
 6,35 mm



Schlüssel
 Wrench
 Llave
 Clef

16-7589-10

16-7510-92

Jochbogenahle
 Awl for Zygomatic Arch
 Aguja para zigoma
 Aiguille zygomatique



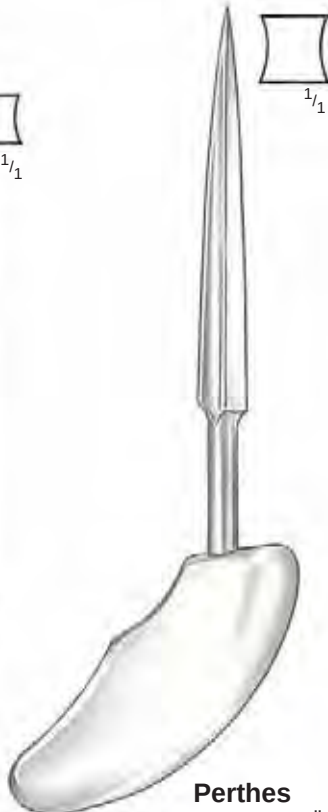
Oberkieferahle
 Maxillary Awl
 Aguja maxilar
 Aiguille maxillaire



Reibahlen
 Reamers
 Escariadores
 Alênes



Perthes
 19,5 cm/7 3/4"
 16-9002-19



Perthes
 21,5 cm/8 1/2"
 16-9002-21

Unterkieferahle
 Mandibular Awl
 Aguja mandibular
 Aiguille mandibulaire



1/2

15 cm/6"
 21-2012-15



Obwegeser
 24 cm/9 1/2"
 21-2013-24



18 cm/7"
 21-1588-18



جراحی ارتوپدی و استخوان

Knochenchirurgie, Orthopädie

Bone Surgery, Orthopedics

Cirugía ósea, Ortopedia

Chirurgie osseuse, Orthopédie

Cerclage Draht
Bone Wire
Hilo para huesos
Fil d'acier

Drahtumführungsadeln
Bone Wire Guides
Agujas pasa-hilos
Aiguilles passe-fils

 $\frac{1}{2}$

16-9206-30

 $\frac{1}{2}$

Cerclage
SMO Stahldraht
in Ringen zu 10 m
SMO steel wire
in coils of 10 m
SMO hilo para huesos
en rollos de 10 m
Fil d'acier inox SMO
en rouleaux de 10 m

weich
soft
blando
souple
Ø mm

0,2 16-9210-02
0,3 16-9210-03
0,4 16-9210-04
0,5 16-9210-05
0,6 16-9210-06
0,7 16-9210-07
0,8 16-9210-08
0,9 16-9210-09
1,0 16-9210-10
1,2 16-9210-12
1,5 16-9210-15



Demel
28 cm/11"

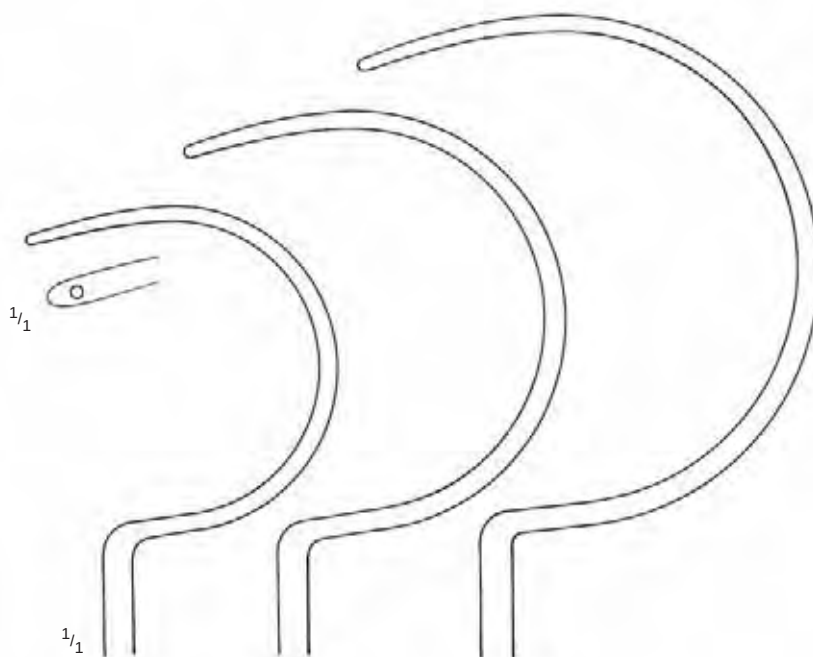


Fig. 1
16-9228-01

Fig. 2
16-9228-02

Fig. 3
16-9228-03

Wire Tightener
23 cm/ 9"
16-9230-23



Wire passer

Wire Guide 45 mm
16-9231-45



Wire Guide 70 mm
16-9231-70



Wire Tightener
26 cm/10 1/4"
16-9233-26





جراحی ارتوپدی و استخوان

Knochenchirurgie, Orthopädie

Bone Surgery, Orthopedics

Cirugía ósea, Ortopedia

Chirurgie osseuse, Orthopédie

Bleihände
Lead Hands
Manoplas de plomo
Manches en plomb



für Kinder
for children
para niños
pour enfants
16-9506-10

für Erwachsene
for adults
para adultos
pour adultes
16-9506-20

Finger-Stichsäge
Metacarpal Saw
Sierra para falanges
Scie à phalanges



$\frac{1}{2}$

Langenbeck

23 cm/9"

16-9508-23

Blattlänge
Length of blade
Largo de la hoja
Longueur de lame
115 mm

Instruments for Ulna/Radius Nail System



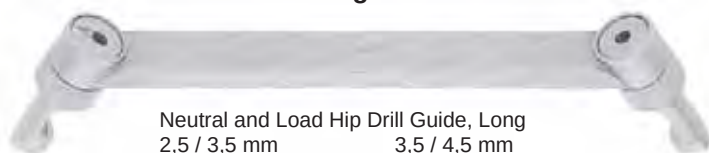
Distal Drill Sleeve Ø 8.0 mm
16-9613-80

Instruments for Angled Blade Plates



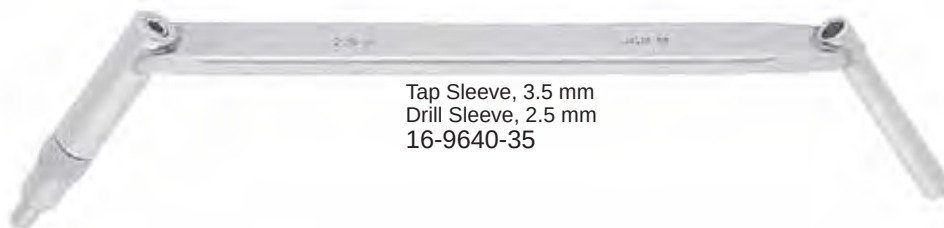
دریل گاید یکطرفه
Drill Guide round hole plates, long
16-9615-82

Instruments for Angled Blade Plates



Neutral and Load Hip Drill Guide, Long
2,5 / 3,5 mm 3,5 / 4,5 mm
16-9620-00 16-9621-00

Instrument for 3.5 mm Cannulated Screws



Tap Sleeve, 3.5 mm
Drill Sleeve, 2.5 mm
16-9640-35

Small Fragment Instruments

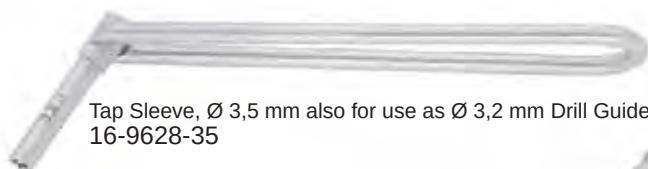


Tap Sleeve, Ø 3.5 mm
Drill Sleeve, Ø 2.5 mm
16-9625-00

Tap Sleeve, Ø 2.0 mm
Drill Sleeve, Ø 2.7 mm
16-9625-01

Ø 2.5 - 2.7 mm 16-9625-02
Ø 3.5 - 4.5 mm 16-9625-03
Ø 4.5 - 6.5 mm 16-9625-04

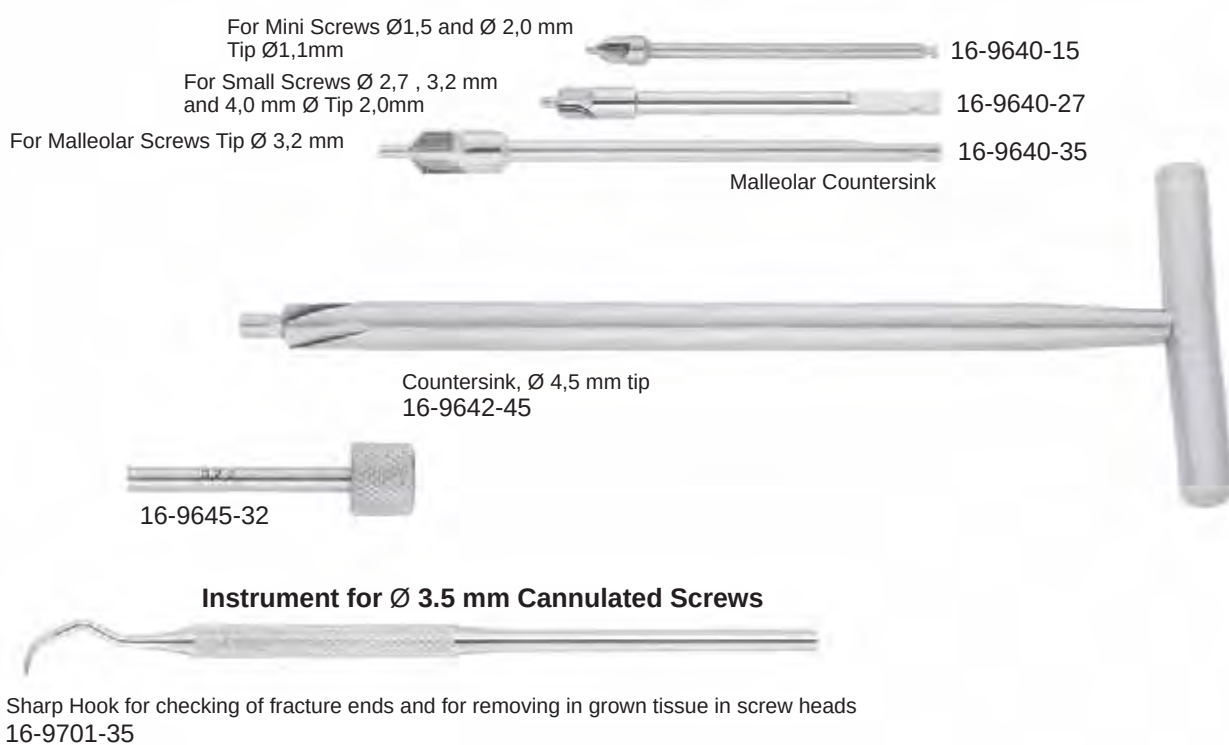
Basic Instruments for Screws and Plates



Tap Sleeve, Ø 3,5 mm also for use as Ø 3,2 mm Drill Guide
16-9628-35



Tap Sleeve, Ø 4,5 mm
16-9629-45



Basic Instruments for Screws and Plates



110 mm Depth Gauge for Ø 4.5 mm and 6.5 mm screws
16-9051-02



80 mm Depth Gauge for Ø 2.7 mm and 4.0 mm screws
16-9051-01



60 mm Depth Gauge for Ø 2.5 mm and 2.7 mm screws
16-9051-00



40 mm Depth Gauge for Ø 1.5 mm and 2.0 mm screws
16-9050-00



(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

	siehe Seite see page véase página voir page
Zwischenknochenmesser, Amputationsmesser Interosseous Knife, Amputating Knives Cuchillo interóseo, cuchillos para amputación Couteau interosseux, couteaux à amputation	
Knorpelmesser, Resektionsmesser Cartilage Knife, Resections Knives Cuchillo para cartílagos, cuchillos para resección Couteau pour cartilages, couteaux à resection	
Knochenschere Bone Shears Cizallas para huesos Cisailles pour os	
Hämmer Hammers Martillos y mazos Maillets et marteaux	
Osteotome, Flachmeissel, Hohlmeissel Osteotomes, Chisels, Gouges Osteótomos, cinceles, gubias Ostéotomes, ciseaux-burins, gouges	
Scharfe Löffel Bone Curettes Cucharillas cortantes Curettes tranchantes	
Knochenfeilen, Raspeln Bone Files, Rasps Limas para huesos, escofinas Limes à os, râpes à os	
Raspatorien, Elevatorien, Dissektoren Raspatories, Elevators, Dissectors Periostótomos, elevadores, disecadores Rugines, décolleurs, elevateurs, dissecteurs	
Knochensplitterzangen, Hohlmeisselzangen Bone Cutting Forceps, Bone Cutting Rongeurs Pinzas cortantes para huesos, pinzas gubias Pincers coupantes, pincers-gouges	
Sternum-Schere, Rippenschere Sternum Shears, Rib Shears Tijera de esternón, costótomos Cisaille à sternum, costotomes	
Meniskus-und Knorpelzangen Meniscus and Cartilage Forceps Pinzas para meniscos y cartílagos Pincers à ménisque et à cartilages	
Knochenhalteclampen, Sequesterzangen, Knochenhalteklammern Bone Holding and Sequester Forceps, Bone Clamps Pinzas para sequestro y para huesos, pinzas porta huesos Pincers à sequestre, daviars	
Flachzangen, Draht-Schneid-und Extraktionszangen, Drahtspannzangen Flat Pliers, Pin and Wire Cutters, Wire Pullers and Twisters Fórceps para cortar alambre y agujas y extraer alambre, alicales planos, tensores de alambre Pincers coupantes pour fils métalliques, pincers à extraction à mors plats, tendeurs serre-fils	

(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

			siehe Seite see page véase página voir page
Nagelscheren Nail Scissors Tijras para uñas Ciseaux à ongles	Nagelzange Nail Nipper Pinza cortaunas Pince à ongles	Nagelspaltscheren Nail Splitting Scissors Tijeras para hender las uñas Ciseaux à fendre les ongles	
Sehnen-Faßpinzetten, Sehnenfaßzangen Tendon Grasping Forceps Pinzas para coger tendones Pincas pour préhension des tendos			
Sehneneinflecht-klemmen Tendon interlacing Forceps Pinzas para interlazar tendones Pincas pour tresser tendos			
Meniskus-und Knorpelzangen Meniscus-and Cartilage Forceps Pinzas para meniscos y para cartilagos Pincas à ménisque et à cartilage			
Finger-Repositionszange Finger Reposition Forceps Pinza para reposición de dedos Pince pour réduction des doigts			
Nagelausreißzange Forceps for removing toe and finger nails Pinza para arrancar uñas Pince pour enlever les ongles			
Fingerring-Sägen-Fingernagel-Bohrer-Kompressorium Finger Ring Saws-Finger Nail Drill-Tourniquet Sierras para cortar anillos-perforador para uñas-Compressor Scies pour couper les bagues-perforateur à ongles-Garrot			

16



17



ابزار گچ ارتوپدی
Verband und Gips
Dressing, Plaster
Vendajes
Pansements



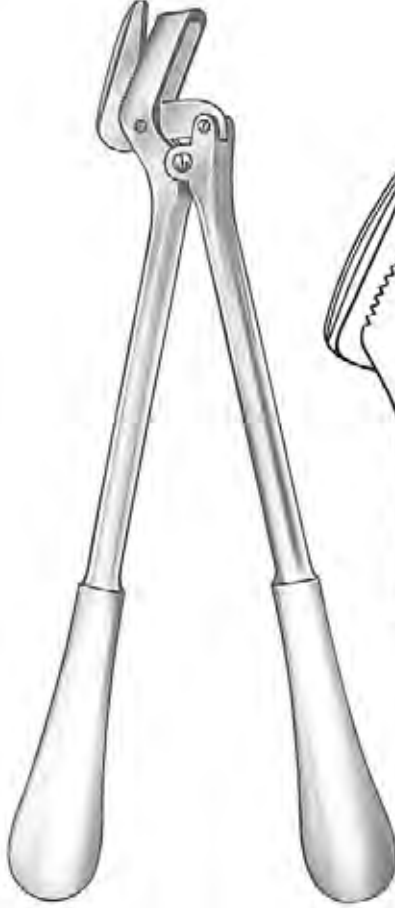
اره گچ بر دستی - قیچی گچ بر

Gipsscheren, Gipssäge

Plaster-of-Paris shears, Plaster-of-Paris saw

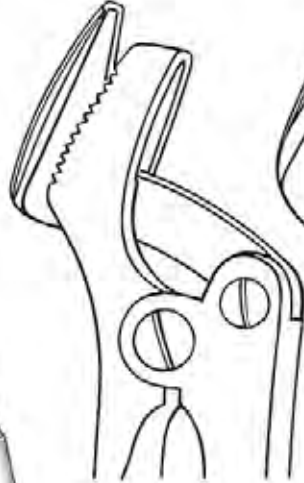
Cizallas para vendajes enyesados, sierra de mano para yeso

Cisailles pour appareils plâtrés, scie à main à plâtres



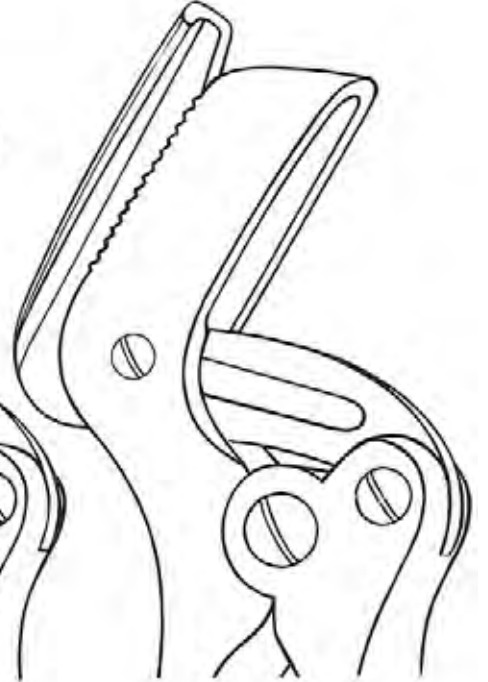
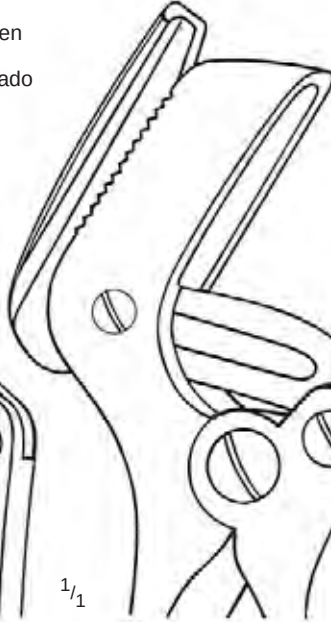
verstärkter Rücken
reinforced back
con dorso reforzado
à dos renforcé

Stille-Mini
20 cm/8"
17-0600-20

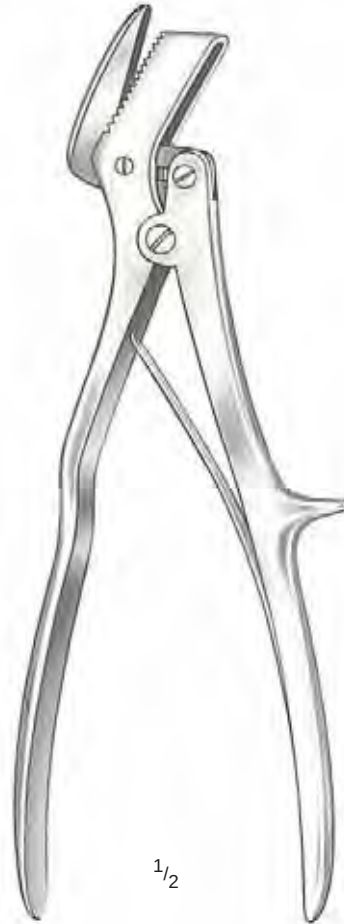


$\frac{1}{1}$

Stille
23 cm/9" 17-0600-23
26 cm/10 $\frac{1}{4}$ " 17-0600-26
28 cm/11" 17-0600-28



Stille
37 cm/14 $\frac{1}{2}$ "
17-0600-37



$\frac{1}{2}$

Stille
24 cm/9 $\frac{1}{2}$ "
17-0620-24

Gipssäge
Plaster-of-Paris Saw
Sierra de mano para yeso
Scie à main à plâtres



$\frac{1}{2}$

Engel
16 cm/6 $\frac{1}{4}$ "
17-0710-16

قيچى گچ بر- قىچى پارچه بر

Kleider- und Gipsscheren

Clothing Scissors, Plaster-of-Paris Shears

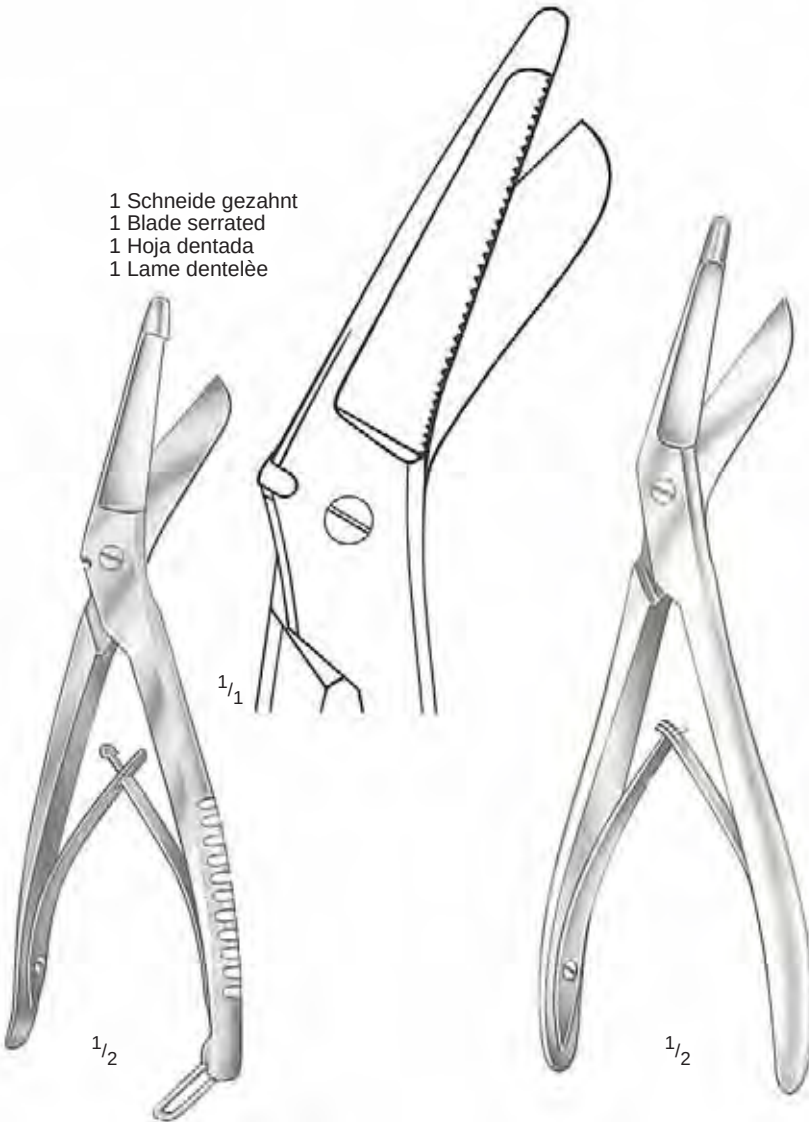
Tijeras para vestidos, Cizallas para vendajes enyesados

Cisailles pour pansements et appareils plâtrés



17

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



1/2

20 cm/8"
02-5373-20

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



1/2

Seutin
23 cm/9"
02-5377-23

Seutin
23 cm/9"
02-5375-23



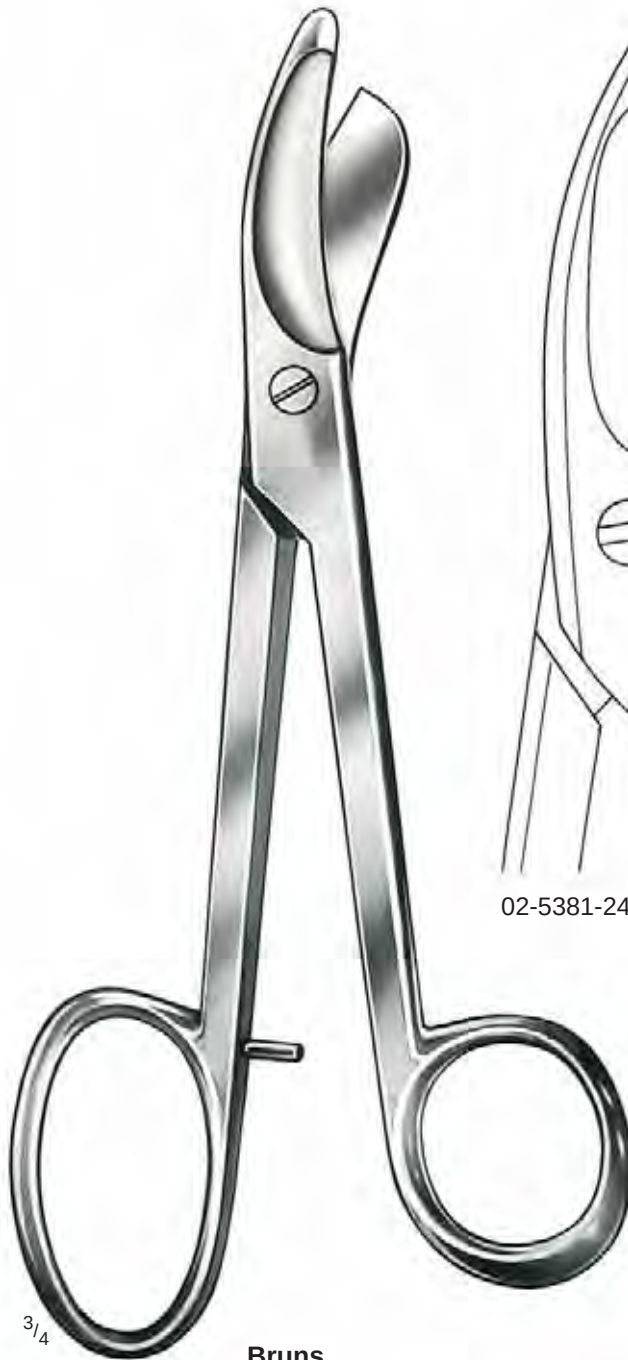
قیچی گچ بر

Gipsscheren

Plaster-of-Paris Shears

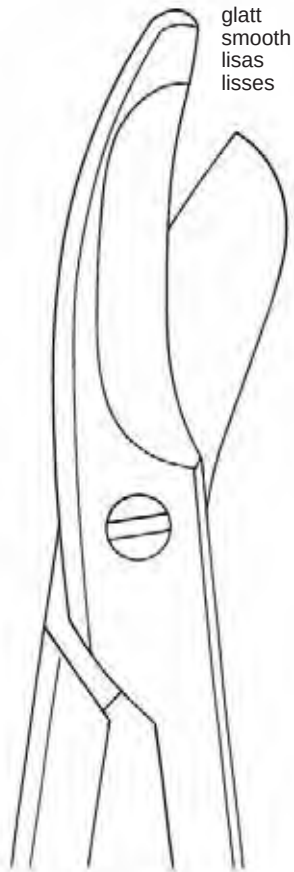
Cizallas para vendajes enyesados

Cisailles pour appareils plâtrés



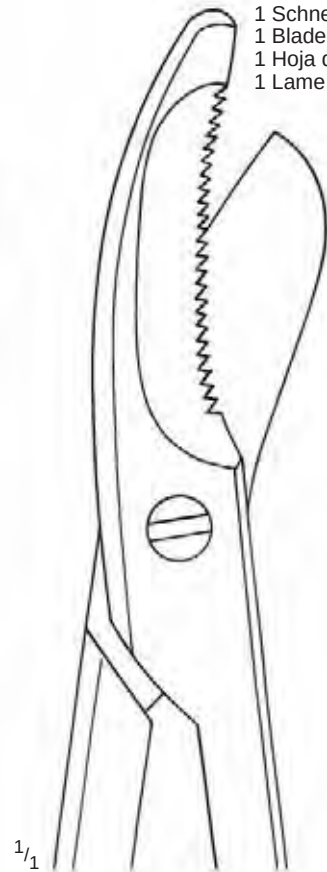
$\frac{3}{4}$

Brun's
24 cm/9 $\frac{1}{2}$ "



02-5381-24

glatt
smooth
lisas
lisses



$\frac{1}{1}$

02-5383-24

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

ابزار گچ ارتوپدی

Gipsspreizer, Gipsabreißzangen

Plaster Cast Instruments

Instrumentos para vendajes enyesados

Pinces pour les appareils plâtrés



17



Haglund-Stille

28 cm/11"

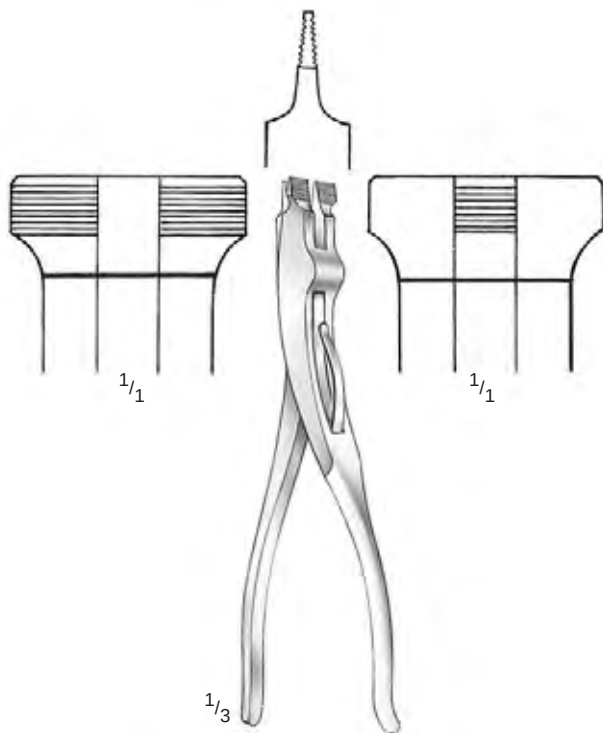
17-0920-28



Hennig

28 cm/11"

17-0924-28



Mod. USA

23 cm/9"

17-0930-23

Gipsabreißzangen
Plaster Breakers
Pinzas para romper los vendajes enyesados
Pinces à arracher les plâtres



Wolff



18 cm/7"
17-0953-18



24 cm/9 1/2"
16-0953-24



19



ابزار معاینه و اندازه‌گیری

Diagnostik
Diagnostics
Diagnostico
Diagnostic

Perkussionshämmer, Reflexhämmer
 Percussion and Reflex Hammers
 Martillos de percusión y para reflejos
 Marteaux-percuteurs et à réflexes



Sensibilitäts-Instrumente
 Sensibility Instruments
 Instrumentos para examinar la sensibilidad
 Instruments pour mesurer la sensibilité

Nervrädchen
 Neurological Pinwheel
 Instrumento para examen
 neurológico
 Roue neurologique

Dynamometer
 Dynamometer
 Dinamómetro
 Dynamomètre

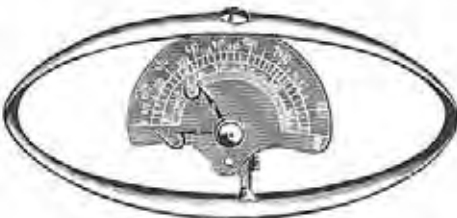
Winkelmesser
 Goniometer
 Goniómetro
 Goniomètre



Aly
 17 cm/6 3/4"
 19-1010-17



Wartenberg
 19 cm/7 1/2"
 19-1020-18



1/2 **Collin**
 für Kinder kg-Einteilung
 for children kg scale
 para niños graduado en kilos
 pour enfants échelle en kg
 19-1312-30
 für Erwachsene kg-Einteilung
 for adults kg scale
 para adultos graduado en kilos
 pour adultes échelle en kg
 19-1312-10
 für Erwachsene lbs-Einteilung
 for adults lbs scale
 para adultos graduado en lbs inglesas
 pour adultes échelle en lbs anglaises
 19-1312-20



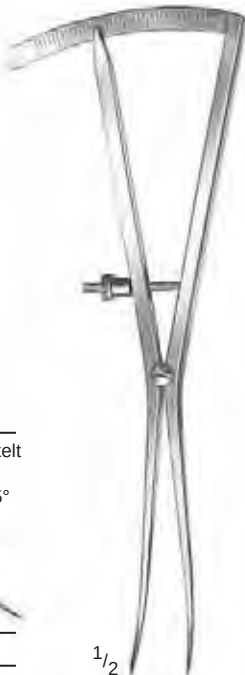
Möltgen
 24 cm/9 1/2"
 19-1364-00

Meß- und Markierungszirkel • Scleral Markers and Calipers
 Compases marcadores • Compases à marquer

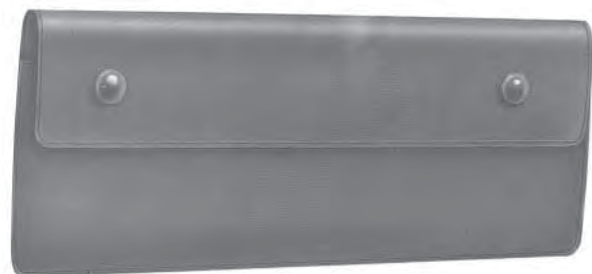


Castroviejo

Länge Length Largo Longueur	9 cm/3 3/4"		18 cm/7"		
Meßbereich Measuring range Alcance de medición Champ de mesure	gerade straight rectas droits	gebogen curved curvas courbes	gerade straight rectas droits	gebogen curved curvas courbes	45° abgewinkelt angled at 45° acodada a 45° coudée à 45°
15 mm	19-1409-15	-	-	-	-
20 mm	19-1409-20	19-1409-21	-	-	-
40 mm	19-1409-40	19-1409-41	19-1418-40	19-1418-41	19-1419-41



Castroviejo



Uni
19-1531-85

Otoskop-Besteck mit 3 Ohrtrichtern, mittlerem Batterie-Griff und Steckverschluß, in Plastik-Etui

Otoscope Set with 3 ear specula, medium battery handle, pin-contact, in plastic pouch

Juego otoscopio con 3 espéculos auriculares, mango a pilas mediano, cierre de tornillo, en estuche plástico

Trousse otoscope avec 3 spéculums auriculaires, manche à pile moyenne, fermeture à vis, en étui plastique



Uni
19-1834-00

Lupenbrillen-Nystagmusbrillen auf Anfrage

Magnifying Spectacles-Nystagmus Spectacles on demand

Lupas binoculares y anteojos para Nistagmo sobre demanda

Loupes binoculaires et lunettes à Nystagme sur demande



Uni II
19-1631-86

Diagnostikbestecke
Diagnostic Sets
Juegos para diagnóstico
Nécessaires à diagnostic

May-Ophthalmoskop mit Batteriegriff und Steckverschluß, in Plastik-Etui

May Ophthalmoscope with battery handle, pin-contact, in plastic pouch

Oftalmoscopio May con mango a pilas, cierre de tornillo, en estuche plástico

Ophthalmoscope May manche à piles, à vis en étui plastique

Ophthalmoskop- und HNO-Besteck, bestehend aus:

Otoskop mit 3 Trichtern, Nasenspekulum, Lampenträger, 2 Kehlkopf-Spiegeln, Spatelhalter, May-Ophthalmoskop, mittlerem Batterie-Griff, 1 Ersatzlampe, in Kunststoff-Etui

Ophthalmoscope and ENT-set, consisting of: Otoscope with 3 specula, nasal speculum, bent arm lamp holder, 2 laryngeal mirrors, tongue blade holder, May-Ophthalmoscope, medium battery handle, 1 spare bulb, in plastic case

Estuche ORL con oftalmoscopio, componiéndose de:

Otoscopio con 3 especulos, espejo nasal, mango curvado con su foco, 2 espejos laríngeos, porta abajo-lengua, oftalmoscopio May, mango mediano a pilas, 1 bombilla de repuesto, en estuche plástico

Trousse ORL avec ophthalmoscope, se composant de:

Otoscope avec 3 spéculums, spéculum nasal, porte lampe, 2 miroirs laryngiens, porte abaisse-langue, ophthalmoscope May, manche à pile moyenne, 1 ampoule de rechange, en étui plastique

20

Univer®



بیہوشی

Narkose - Mund und zunge

Anaesthesia - Oral Instruments

Anestesia - Boca lengua

Anesthésie - Bouche et langue



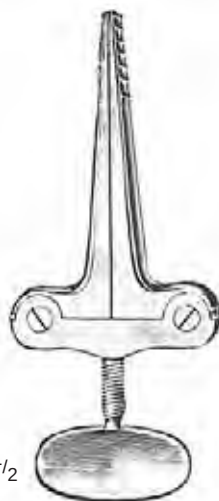
بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

دهان بازکن
Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches

 $\frac{1}{2}$

Denhart
12 cm/4 $\frac{3}{4}$ "
20-5100-12

 $\frac{1}{2}$

Heister
13 cm/5"
20-5104-13

 $\frac{1}{2}$

Roser- König
16 cm/6 $\frac{1}{4}$ "
20-5110-16



Negus
20-5120-20

Bruststützen für Narkose-Mundsperrer
Chest Supports for mouth gags
Soportes contra-pecho para abre-bocas
Supports contre-poitaine pour ouvre-bouches



Jackson
20-5124-30



20-5130-04

DRAFFIN Suspension Apparatus Bipod, for use with
tongue blades and mouth gags

consisting of:

2 x 20-5138-00
1 x 20-5139-01

Rods, with 4 rings
Base Plate

بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

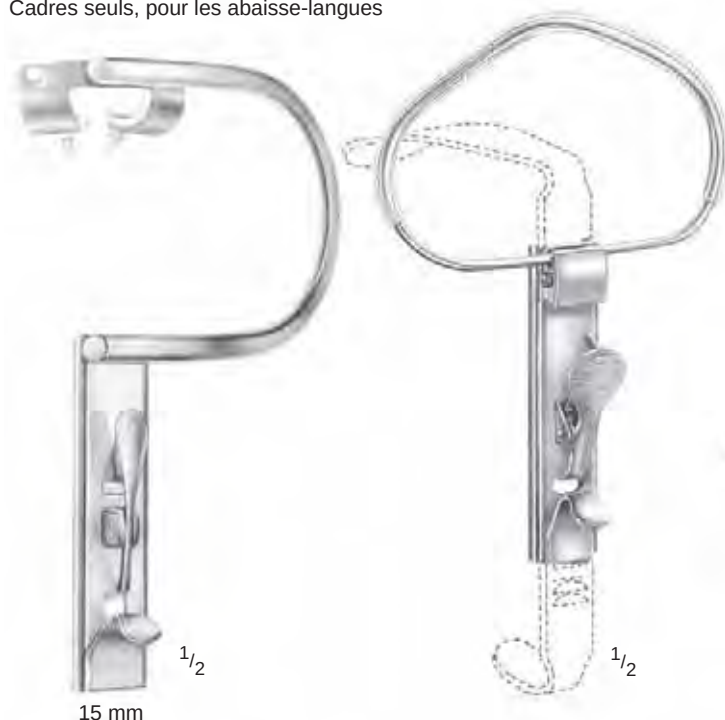
دهان بازکن

Mundsperrer
Mouth Gags
Abre bocas
Ouvre-bouches



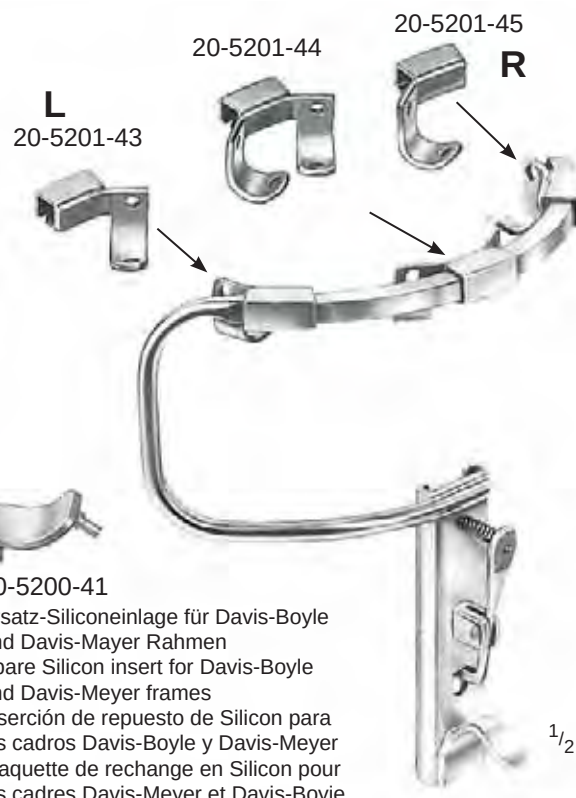
20

Rahmen allein, für alle Zungendrucker
Frames only, fitting all tongue depressors
Cuadros sueltos, para todas abaja-lenguas
Cadres seuls, pour les abaisse-langues



Davis-Boyle
20-5200-11

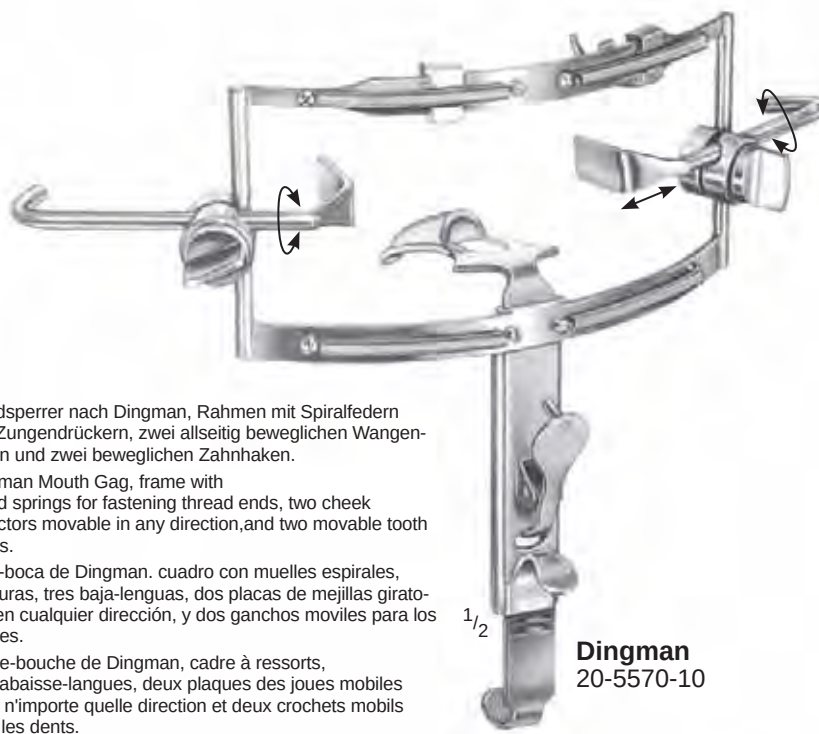
McIvor
20-5203-10



Davis-Meyer
20-5201-10



Kilner-Doughty
20-5202-10



Dingman
20-5570-10

Mundsperrer nach Dingman, Rahmen mit Spiralfedern
drei Zungendrückern, zwei allseitig beweglichen Wangen-
haken und zwei beweglichen Zahnhaken.

Dingman Mouth Gag, frame with
coiled springs for fastening thread ends, two cheek
retractors movable in any direction, and two movable tooth
hooks.

Abre-boca de Dingman. cuadro con muelles espirales,
ligaduras, tres baja-lenguas, dos placas de mejillas girato-
rias en cualquier dirección, y dos ganchos móviles para los
dientes.

Ouvre-bouche de Dingman, cadre à ressorts,
trois abaisse-langues, deux plaques des joues mobiles
dans n'importe quelle direction et deux crochets mobiles
pour les dents.



بیہوشی
Narkose
Anaesthesia
Anestesia
Anesthésie

دهان بازکن
Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches

Zungendrucker allein, passend auf alle Rahmen
Tongue Depressors only, fitting all frames
Abaja-lenguas sueltas para todos cuadros
Abaisse-langues seuls, pour tous les cadres



mit fester Absaugung
with fixed suction tube
con tubo de succión fijo
avec tube d'aspiration fixée

26 x 110 mm
20-5210-05

20-5210-00 ▶ komplett, bestehend aus Rahmen und fünf Zungenspateln Fig. 1 bis 5
complete, consisting of frame and five tongue depressors no. 1 to 5
completo, consiste de bastidor y cinco baja-enguas no. 1 hasta 5
complet, se composant de cadre et cinq abaisse-langue no. 1 jusqu'à 5



25 x 95 mm
20-5210-04



24 x 80 mm
20-5210-03



23 x 65 mm
20-5210-02



20 x 30 mm
20-5210-01

ohne Absaugung
without suction tube
sin tubo de succión fijo
sans tube d'aspiration fixée



Gaumenplatte für Zahnlose
Palatal support for toothless
Soporte de paladar para desdentados
Support du palais pour édentés
20-5201-49

20-5240-00 ▶ komplett mit Rahmen, 3 Zungenspateln, 2 Zahnplatten und 1 Gaumenplatte
complete, consisting of frame and 3 tongue depressors, two tooth plates and 1 palate plate
completo con bastidor, 3 baja-enguas, 2 plaquitas de dientes y 1 plaquita paladial
complet avec cadre, 3 abaisse-langue v, 2 plaques pour dents et 1 plaque palatine

gefenstrertes Blatt für Absaugung
fenestrated blade for suction
hoja fenestrada para succión
lame fenêtrée pour aspiration



29 x 70 mm
13,5 cm/5 1/4"
20-5220-01



34 x 80 mm
13,5 cm/5 1/4"
20-5220-02



38 x 85 mm
13,5 cm/5 1/4"
20-5220-03

بیہوشی
Narkose
Anaesthesia
Anestesia
Anesthésie

دهان بازکن
Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches



20

Zungendrucker allein, passend auf alle Rahmen
Tongue Depressors only, fitting all frames
Abaja-lenguas sueltas para todos cuadros
Abaisse-langues seuls, pour tous les cadres

komplett mit Rahmen, 3 Zungenspateln,
complete, consisting of frame and 3 tongue depressors,
completo con basidor, 3 baka;emguas,
complet avec cadre, 3 abaosse-langue v,

20-5232-00



26 x 100 mm
13,5 cm/5 1/4"
20-5232-03



25 x 85 mm
13,5 cm/5 1/4"
20-5232-02



23 x 75 mm
13,5 cm/5 1/4"
20-5232-01



65 x 25 mm
13,5 cm/5 1/4"
20-5240-03



29 x 70 mm
13,5 cm/5 1/4"
20-5240-02



32 x 80 mm
13,5 cm/5 1/4"
20-5240-01

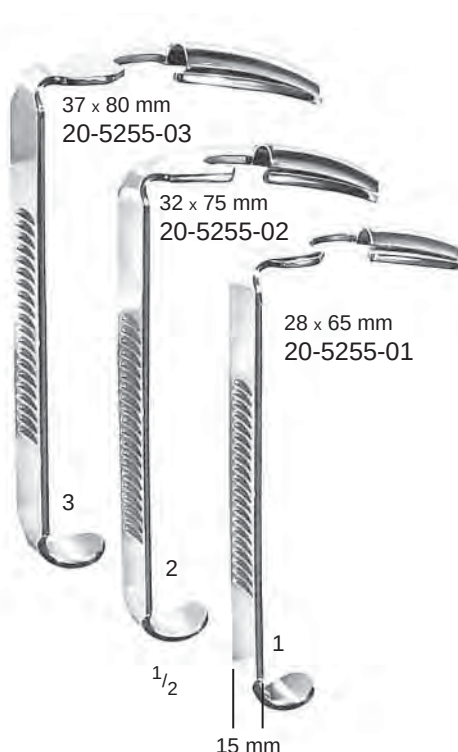


بیہوشی

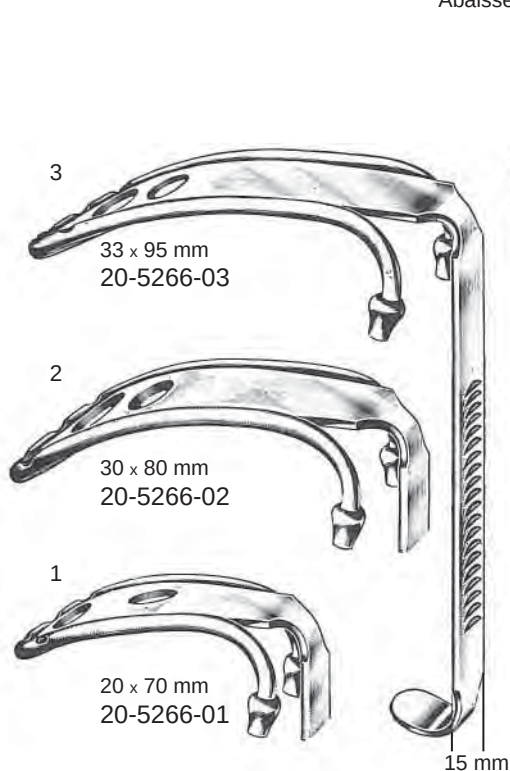
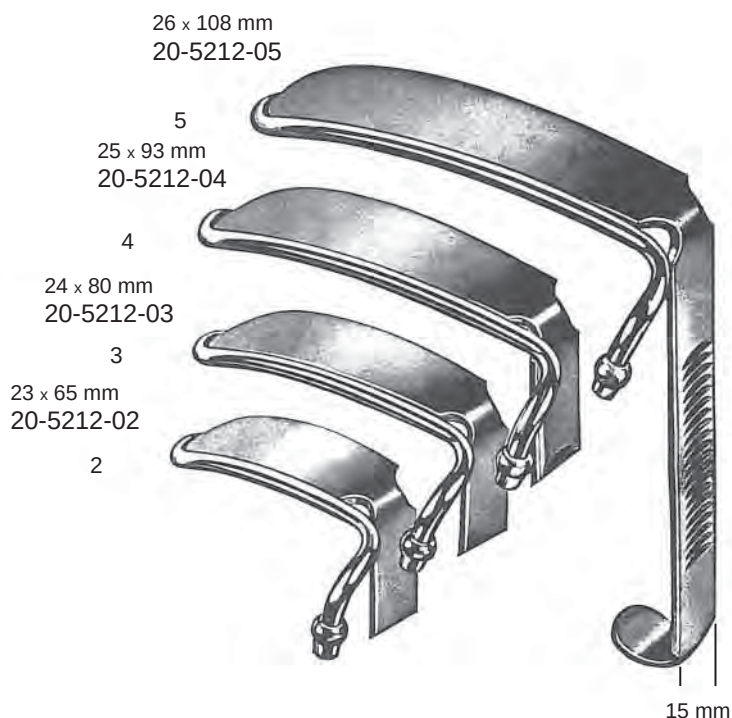
Narkose
Anaesthesia
Anestesia
Anesthésie

دهان بازکن

Mundsperrer
Mouth Gags
Abre bocas
Ouvre-bouches

**Gast**

Zungendrucker allein, passend auf alle Rahmen
Tongue Depressors only, fitting all frames
Abaja-lenguas sueltas para todos cuadros
Abaisse-langues seuls, pour tous les cadres

**Negus**

set cpl.
20-5266-00

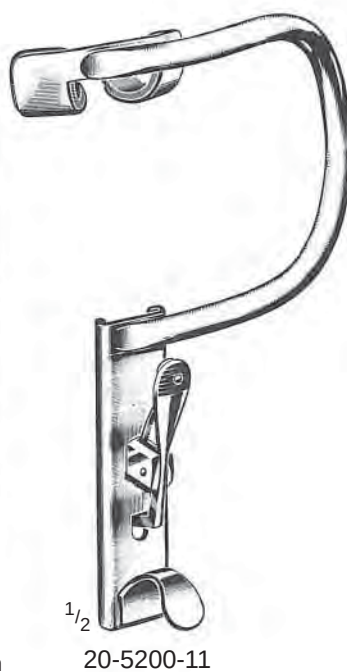


Fig. 1 = 29,0 x 70 20-5282-01
Fig. 2 = 30,5 x 75 20-5282-02
Fig. 3 = 31,5 x 80 20-5282-03
Fig. 4 = 32,5 x 85 20-5282-04
Fig. 5 = 33,5 x 95 20-5282-05
Fig. 6 = 33,8 x 100 20-5282-06
Fig. 7 = 34,0 x 105 20-5282-07

Davis-Meyer



Maßangaben = Nutzweite
Dimensions = effective width
Dimensions = anchoútil
Dimensions = écartement utile



Jennings

20-5510-09 9 cm/3 1/2"
20-5510-11 11 cm/4 1/4"
20-5510-13 13 cm/5"
20-5510-15 15 cm/6"

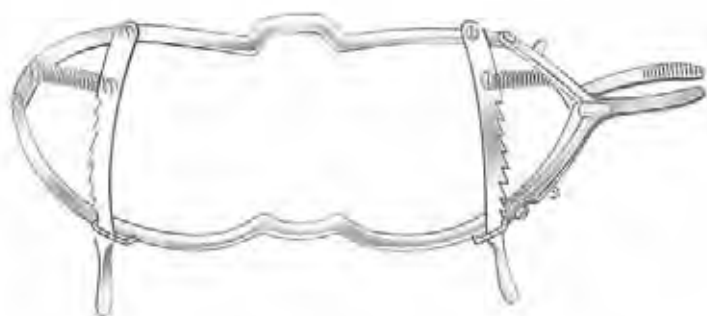
ohne Zungendrucker
without tongue depressor
sin abaja-lengua
sans abaisse-langue



Jennings

20-5511-09 9 cm/3 1/2"
20-5511-11 11 cm/4 1/4"
20-5511-13 13 cm/5"
20-5511-15 15 cm/6"

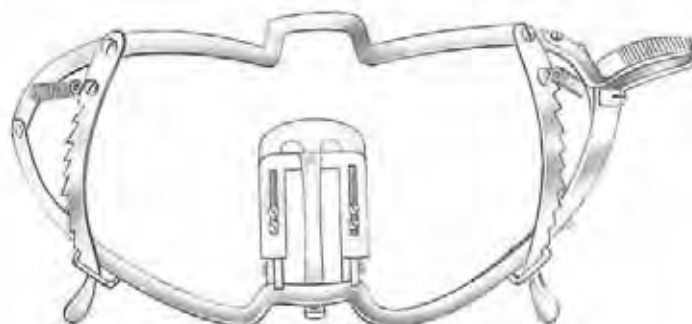
mit Zungendrucker
with tongue depressor
con abaja-lengua
avec abaisse-langue



Whitehead

20-5520-09 9 cm/3 1/2"
20-5520-11 11 cm/4 1/4"
20-5520-13 13 cm/5"
20-5520-15 15 cm/6"

ohne Zungendrucker
without tongue depressor
sin abaja-lengua
sans abaisse-langue



Whitehead

20-5521-09 9 cm/3 1/2"
20-5521-11 11 cm/4 1/4"
20-5521-13 13 cm/5"
20-5521-15 15 cm/6"

mit Zungendrucker
with tongue depressor
con abaja-lengua
avec abaisse-langue



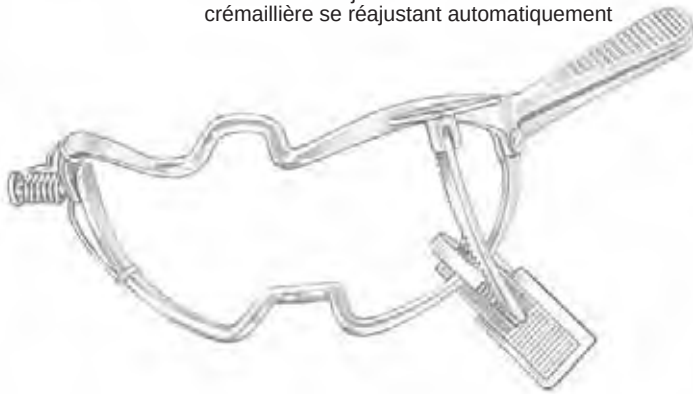
بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

دهان بازکن

Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches

automatisch nachstellende sperre
automatic adjusting ratchet
cremallera de ajuste automático
crémaillière se réajustant automatiquement



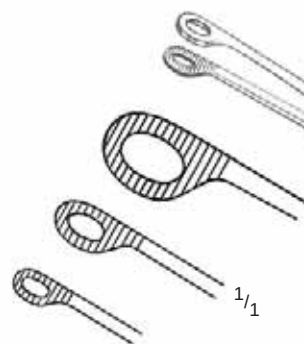
20-5530-09 9 cm/3 1/2"
20-5530-11 11 cm/4 1/4"
20-5530-13 13 cm/5"
20-5530-15 15 cm/6"

ohne Zungendrucker
without tongue depressor
sin abaja-lengua
sans abaisse-langue

**Seemann-Seiffert**

20-5540-09 9 cm/3 1/2"
20-5540-11 11 cm/4 1/4"
20-5540-13 13 cm/5"

ohne Zungendrucker
without tongue depressor
sin abaja-lengua
sans abaisse-langue



پنس لوله گذاری مگیل

Kathetereinführungszangen
Catheter Introducing Forceps
Pinzas para introducir catéteres
Pincas pour introduire les sondes

06-9975-15
15,5 cm/6"

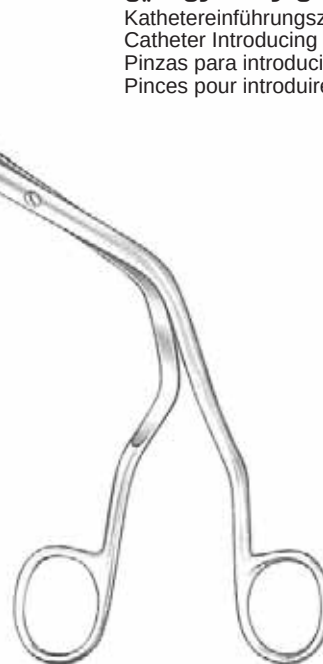
für Kleinstkinder
pediatric size
para pequeños niños
pour petits-enfants

06-9975-20
20 cm/8"

für Kinder
for children
para niños
pour enfants

06-9975-25
25,5 cm/10"

für Erwachsene
for adults
para adultos
pour adultes

**Magill**

دهان باز كن - اسپاچولای زبان

Mundsperrer, Zungenspatel, Zungendrucker
Mouth Gags, Tongue Spatulas, Tongue Depressors
Abre-bocas, espátulas bucales, baja-lenguas
Ouvre-bouches, spatules buccales, abaisse-langues



20

Mundsperrer
 Mouth Gags
 Abre-bocas
 Ouvre-bouches

Zungenspatel, Zungendrucker
 Tongue Spatulas, Tongue Depressors
 Espátulas bucales, baja-lenguas
 Spatules buccales, abaisse-langues



Ersatz-Zahnschutz aus Silicon-Kautschuk,
 Packung mit 5 Paar
 Replacement Silicon-Rubber Tooth Protectors,
 package of 5 pairs
 Tubos protectores de recambio,
 de silicona-caucho, paquete de 5 pares
 Tubes protectrices de rechange,
 en caoutchouc siliconé, paquet de 5 paires
 20-5600-50 für-for-para-pour 20-5600-10
 20-5600-51 für-for-para-pour 20-5600-11
 20-5600-54 für-for-para-pour 20-5600-14

Doyen-Jansen (Molt)

20-5600-10 = 10 cm/4"
 20-5600-11 = 11 cm/4 1/2"
 20-5600-14 = 14 cm/5 1/2"



1/2

Tobold
 14,5 cm/5 3/4"
 20-5700-14



1/2

Moritz-Schmidt
 19 cm/7 1/2"
 20-5709-19



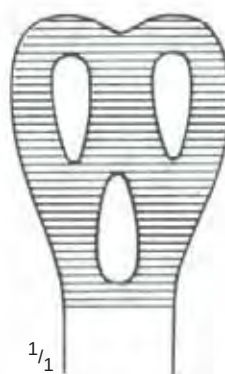
1/2

Hartmann
 15 cm/6"
 20-5715-15



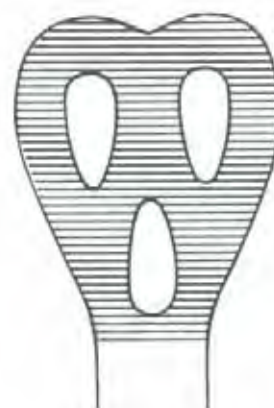
1/2

Wieder
 12 cm/4 3/4"



1/1

29 mm
 20-5724-29



35 mm
 20-5724-35



دهان باز كن - اسپاچولای زبان

Zungendrucker, Zungenspatel
Tongue Depressors, Tongue Spatulas
Bajalenguas, espátulas bucales
Abaisse-langues, spatules buccales



$\frac{1}{2}$

Dutch Pattern
17 cm/ $6\frac{3}{4}$ "
20-5748-17



$\frac{1}{2}$

Bruenings
19 cm/ $7\frac{1}{2}$ "
20-5750-19



$\frac{1}{2}$

14,5 cm/ $5\frac{3}{4}$ "
20-5751-14



$\frac{1}{2}$

Kroenig
15 cm/ 6 "
20-5752-15



$\frac{1}{2}$

Buchwald
18 cm/ 7 "
20-5752-18



$\frac{1}{2}$

14 cm/ $5\frac{3}{4}$ "
20-5753-14



13 mm

16 cm/ $6\frac{1}{4}$ "
20-5755-16



$\frac{1}{2}$

Mayo
17 cm/ $6\frac{3}{4}$ "
20-5757-17



$\frac{1}{2}$

Frenzel
16,5 cm/ $6\frac{1}{2}$ "
20-5765-16

Mundkeile
Oral Screws
Garrotes
Baillons



$\frac{1}{2}$

Maunder

20-5810-40
aus Holz
of wood
de madera
en bois

20-5812-40
aus Hartgummi
of hard rubber
de ebonita
en ébonite



21 cm/8¹/₄"
20-5820-21

Mundwinkelhalter mit beweglicher Valve
 Cheek Retractor with swivel blade
 Separador para mejillas con valva móvil
 Ecarteur des joues avec valve mobile



Sternberg

20-5857-14 14 cm/5¹/₂"
 20-5857-16 16 cm/6¹/₂"
 20-5857-18 18 cm/7"

Lippenhalter
 Lip Retractors
 Separadores para labios
 Ecarteurs des lèvres



Sternberg

20-5858-12 12 cm/4³/₄"
 20-5858-14 14 cm/5¹/₂"
 20-5858-16 16 cm/6"

Lippenhalter
 Lip Retractors
 Separadores para labios
 Ecarteurs des lèvres



Obwegeser

12 cm/4³/₄"
20-5859-12



20-5860-00 9,5 cm/3³/₄" Fig. 0
 für Kinder
 for children
 para niños
 pour enfants

20-5860-01 10 cm/4" Fig. 1 110 mm
 20-5860-02 10,5 cm/4" Fig. 2 115 cmm
 20-5860-03 11 cm/4¹/₄" Fig. 3 120 cmm
 Satz mit Fig. 1-3
 set with no. 1-3
 juego de no. 1-3
 jeu de no. 1-3

Oringer



14 cm/5¹/₂"
20-5912-14

Vestibulumhaken
 Vestibulum Retractor
 Separador para vestibulo
 Ecarteur pour vestibulum



1/2



1/2



1/2

Univer-Simplex

10,5 cm/4"
20-5914-11

Bishop

13,5 cm/5¹/₄"
27 mm
20-5910-13



بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

ست لارنگسکوپ

Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires

Kugelverschluß
Ball Lock
Fijación de bola
Fixation à billes

McIntosh

fig	mm	Ref.	
0	75	20-6110-75	20-6107-10
1	90	20-6110-90	20-6107-11
2	110	20-6111-10	
3	130	20-6111-30	
4	150	20-6111-50	



1/3

20-6130-02
Satz bestehend aus:
Set consisting of:
Juego compuesto de:
Jeu se composant de:

1 x 20-6101-30
2 x 20-6107-11
1 x 20-6110-90
1 x 20-6111-10
1 x 20-6111-30

McIntosh
20-6130-02

Fig. 0
für Säuglinge
for babies
para neonatales



Pour nourrissons
Fig. 1
für Kinder
for children
para niños
pour enfants



Fig. 2
für Jugendliche
for adolescents
para adolescentes
pour adolescents



Fig. 3
für Frauen
for women
para mujeres
pour femmes



Fig. 4
für Männer
for men
para hombres
pour hommes



McIntosh
20-6130-02
mit drei Laryngoskopspateln
Fig. 1 bis 3,
komplett, in Etui
with three laryngoscope
blades fig. 1 to 3
complete, in case
con tres hojas de
laringoscopia fig. 1 a 3,
completo, en estuche
avec trois spatules à
laryngoscopie fig. 1 à 3
complet, en trousse
con tre spatole per
laringoscopia fig. 1 fino a 3,
completo, in scatola

McIntosh
20-6140-02
mit vier Laryngoskopspateln
Fig. 1 bis 4,
komplett, in Etui
with four laryngoscope
blades fig 1 to 4,
complete, in case
con cuatro hojas de
laringoscopia fig. 1 a 4,
completo, en estuche
avec quatre spatules à
laryngoscopie fig. 1 à 4,
complet, en trousse
con quattro spatole per
laringoscopia fig. 1 fino a 4
completo, in scatola



Kugelverschluß
Ball Lock
Fijación de bola
Fixation à billes

Miller

fig	mm	Ref.	
0	75	20-6210-75	20-6107-10
1	100	20-6211-00	
2	155	20-6211-55	
3	195	20-6211-95	
4	205	20-6212-05	20-6107-11

Fig. 0
für Säuglinge
for babies
para neonatales

Pour nourrissons
Fig. 1
für Kinder
for children
para niños
pour enfants

Fig. 2
für Jugendliche
for adolescents
para adolescentes
pour adolescents

Fig. 3
für Frauen
for women
para mujeres
pour femmes

Fig. 4
für Männer
for men
para hombres
pour hommes

20-6250-02
Satz bestehend aus:
Set consisting of:
Juego compuesto de:
Jeu se composant de:
1 x 20-6101-30
1 x 20-6107-10
1 x 20-6107-11
1 x 20-6210-75
1 x 20-6211-00
1 x 20-6211-55
1 x 20-6211-95
1 x 20-6212-05

Miller
20-6250-02

Miller
20-6230-02
mit drei Laryngoskopspateln
Fig. 1 bis 3,
komplett, in Etui
with three laryngoscope
blades fig. 1 to 3
complete, in case
con tres hojas de
laringoscopia fig. 1 a 3,
completo, en estuche
avec trois spatules à
laryngoscopie fig. 1 à 3
complet, en trousse

Miller
20-6251-02
mit vier Laryngoskopspateln
Fig. 1 bis 4,
komplett, in Etui
with four laryngoscope
blades fig 1 to 4,
complete, in case
con cuatro hojas de
laringoscopia fig. 1 a 4,
completo, en estuche
avec quatre spatules à
laryngoscopie fig. 1 à 4,
complet, en trousse

Miller-Baby
20-6220-02
mit zwei Laryngoskopspateln
Fig. 0 und 1
komplett, in Etui
with two laryngoscope
blades fig. 0 and 1,
complete, in case
con dos hojas de
laringoscopia fig. 0 y 1.
completo, en estuche
avec deux spatules à
laryngoscopie fig. 0 à 1,
complet, en trousse



بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

ست لارنگسکوپ

Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires

Kugelschluß
Ball Lock
Fijación de bola
Fixation à billes

Foregger

fig	mm	Ref.
1	100	20-6312-10
2	120	20-6312-12
3	140	20-6312-14
4	160	20-6312-16



1/3

Foregger
20-6312-10

Fig. 1
für Kinder
for children
para niños
pour enfants



Fig. 2
für Jugendliche
for adolescents
para adolescentes
pour adolescents



Fig. 3
für Frauen
for women
para mujeres
pour femmes



Fig. 4
für Männer
for men
para hombres
pour hommes



mit drei Laryngoskopspateln

Fig. 2 bis

4, komplett, in Etui

with three laryngoscope
blades fig. 2 to 4,
complete in case

con tres hojas de
laringoscopio fig. 2 a 4,
completo, en estuche

avec trois spatules à
laryngoscopie fig. 2 à 4,
complet, en trousse

بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

ست لارنگسکوپ

Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires



20

Kugelverschluß
Ball Lock
Fijación de bola
Fixation à billes

Guedel-Negus

fig	mm	Ref.
1	90	20-6463-90
2	110	20-6463-15
3	128	20-6463-28
4	150	20-6463-50



Guedel-Negus

Fig. 1
für Kinder
for children
para niños
pour enfants



Fig. 2
für Jugendliche
for adolescents
para adolescentes
pour adolescents



Fig. 3
für Frauen
for women
para mujeres
pour femmes



Fig. 4
für Männer
for men
para hombres
pour hommes



20-6460-02

mit drei Laryngoskopspateln
Fig. 2 bis
4, komplett, in Etui
with three laryngoscope
blades fig. 2 to 4,
complete in case
con tres hojas de
laringoscopia fig. 2 a 4,
completo, en estuche
avec trois spatules à
laryngoscopie fig. 2 à 4,
complet, en trousse

20-6461-02

mit vier Laryngoskopspateln
Fig. 1 bis 4,
komplett, in Etui
with four laryngoscope
blades fig. 1 to 4
complete, in case
con cuatro hojas de
laringoscopia fig. 1 a 4
completo, en estuche
avec quatre spatules à
laryngoscopie fig. 1 à 4
complet, en trousse



بیہوشی

Narkose
Anaesthesia
Anestésia
Anesthésie

ست لارنگسکوپ فیبر نوری

Kaltlicht-Laryngoskope
Fiber light laryngoscopes
Laringoscopios de luz fría
Laryngoscopes à lumière froide

McIntosh KL

fig	mm	Ref.
0	75	20-7110-75
1	90	20-7110-90
2	110	20-7111-10
3	130	20-7111-30
4	150	20-7111-50

**20-7130-02**

Satz bestehend aus:
Set consisting of:
Juego compuesto de:
Jeu se composant de:
1 x 20-7101-32
1 x 20-7107-10
1 x 20-7110-90
1 x 20-7111-10
1 x 20-7111-30

Fig. 0
für Säuglinge
for babies
para neonatales
Pour nourrissons



Fig. 1
für Kinder
for children
para niños
pour enfants



Fig. 2
für Jugendliche
for adolescents
para adolescentes
pour adolescents



Fig. 3
für Frauen
for women
para mujeres
pour femmes



Fig. 4
für Männer
for men
para hombres
pour hommes

**McIntosh KL**
20-7130-02

mit Batteriehandgriff (ohne Batterie)
und drei Laryngoskopspatel Fig. 1 bis 3
komplett, in Etui

with battery handle (without batteries)
and three laryngoscope blades fig. 1 to 3
complete, in case

con mango de pilas (sin pilas)
y tres hojas de laringoscopia fig. 1 a 3
completo, en estuche

avec manche à pile (sans pile)
et trois spatules à laryngoscopie fig. 1 à 3
complet, en trousse

McIntosh KL
20-7130-04

mit Batteriehandgriff (ohne Batterie)
und vier Laryngoskopspatel Fig. 1 bis 4
komplett, in Etui

with battery handle (without batteries)
and four laryngoscope blades fig. 1 to 4
complete, in case

con mango de pilas (sin pilas)
y cuatro hojas de laringoscopia fig. 1 a 4
completo, en estuche

avec manche à pile (sans pile)
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en trousse

McIntosh KL
20-7131-02

mit Akku-Handgriff
und drei Laryngoskopspatel Fig. 1 bis 3
komplett, in Etui

with accumulator handle
and three laryngoscope blades fig. 1 to 3
complete, in case

con mango acumulador
y tres hojas de laringoscopia fig. 1 a 3
completo, en estuche

avec manche à accumulateur
et trois spatules à laryngoscopie fig. 1 à 3
complet, en trousse

McIntosh KL
20-7131-04

mit Akku-Handgriff
und vier Laryngoskopspatel Fig. 1 bis 4
komplett, in Etui

with accumulator handle
and four laryngoscope blades fig. 1 to 4
complete, in case

con mango acumulador
y cuatro hojas de laringoscopia fig. 1 a 4
completo, en estuche

avec manche à accumulateur
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en trousse

بیہوشی

Narkose
Anaesthesia
Anestesia
Anesthésie

ست لارنگسکوپ فیبر نوری

Kaltlicht-Laryngoskope
Fiber light laryngoscopes
Laringoscopios de luz fría
Laryngoscopes à lumière froide



20

Miller KL

fig	mm	Ref.
0	75	20-7210-75
1	100	20-7211-00
2	155	20-7211-55
3	195	20-7211-95
4	205	20-7212-05



20-7250-02

Satz bestehend aus:
Set consisting of:
Juego compuesto de:
Jeu se composant de:
1 x 20-7101-32
1 x 20-7107-10
1 x 20-7210-75
1 x 20-7211-00
1 x 20-7211-55
1 x 20-7211-95
1 x 20-7212-05

Miller KL 20-7250-30

mit Batteriehandgriff (ohne Batterie)
und drei Laryngoskopspatel Fig. 1 bis 3
komplett, in Etui

with battery handle (without batteries)
and three laryngoscope blades fig. 1 to 3
complete, in case

con mango de pilas (sin pilas)
y tres hojas de laringoscopia fig. 1 a 3
completo, en estuche

avec manche à pile (sans pile)
et trois spatules à laryngoscopie fig. 1 à 3
complet, en trousse

Miller KL 20-7250-40

mit Batteriehandgriff (ohne Batterie)
und vier Laryngoskopspatel Fig. 1 bis 4
komplett, in Etui

with battery handle (without batteries)
and four laryngoscope blades fig. 1 to 4
complete, in case

con mango de pilas (sin pilas)
y cuatro hojas de laringoscopia fig. 1 a 4
completo, en estuche

avec manche à pile (sans pile)
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en trousse

Miller KL 20-7251-30

mit Akku-Handgriff
und drei Laryngoskopspatel Fig. 1 bis 3
komplett, in Etui

with accumulator handle
and three laryngoscope blades fig. 1 to 3
complete, in case

con mango acumulador
y tres hojas de laringoscopia fig. 1 a 3
completo, en estuche

avec manche à accumulateur
et trois spatules à laryngoscopie fig. 1 à 3
complet, en trousse

Fig. 0
für Säuglinge
for babies
para neonatales
Pour nourrissons



Fig. 1
für Kinder
for children
para niños
pour enfants



Fig. 2
für Jugendliche
for adolescents
para adolescentes
pour adolescents



Fig. 3
für Frauen
for women
para mujeres
pour femmes



Fig. 4
für Männer
for men
para hombres
pour hommes



Miller KL 20-7251-40

mit Akku-Handgriff
und vier Laryngoskopspatel Fig. 1 bis 4
komplett, in Etui

with accumulator handle
and four laryngoscope blades fig. 1 to 4
complete, in case

con mango acumulador
y cuatro hojas de laringoscopia fig. 1 a 4
completo, en estuche

avec manche à accumulateur
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en trousse



21

Univer®



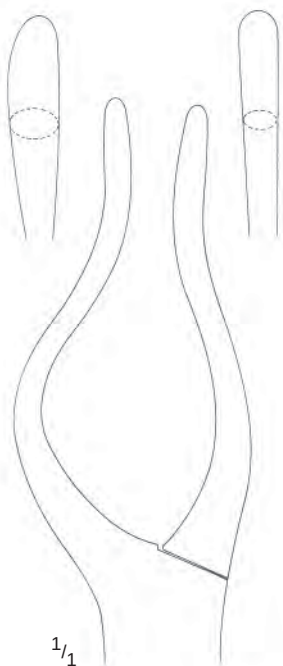
جراحی فک و صورت

Mund-, Kiefer-, Gesichtschirurgie

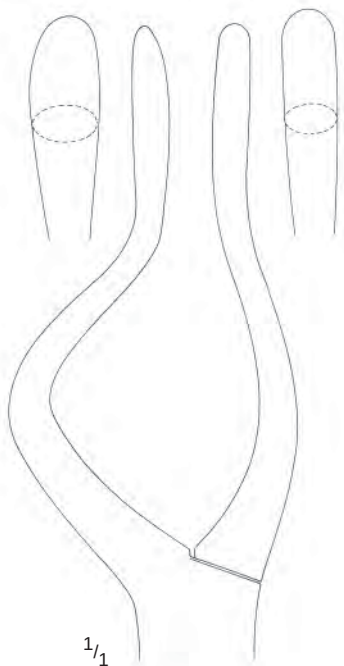
Oral Maxillo-Facial Surgery

Cirugía oral y maxilofacial

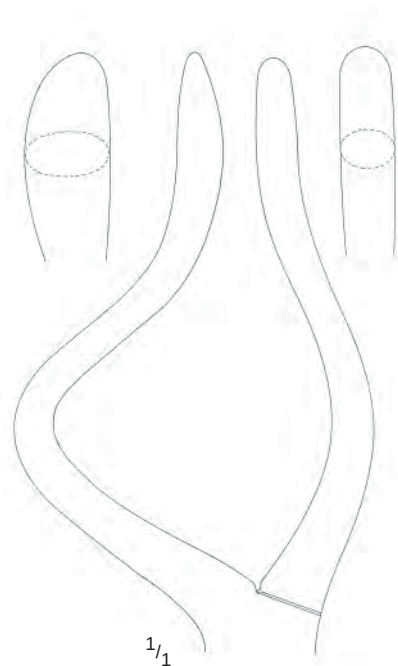
Chirurgie buccale et maxillo-faciale

 $\frac{1}{1}$

21-1001-22 L
21-1002-22 R
22,5 cm/8 $\frac{3}{4}$ "

 $\frac{1}{1}$

21-1003-23 L
21-1004-23 R
23,5 cm/9 $\frac{1}{4}$ "

 $\frac{1}{1}$

21-1005-24 L
21-1006-24 R
24 cm/9 $\frac{1}{2}$ "

 $\frac{1}{2}$

L
Rowe
links
left
izquierdo
gauche

 $\frac{1}{2}$

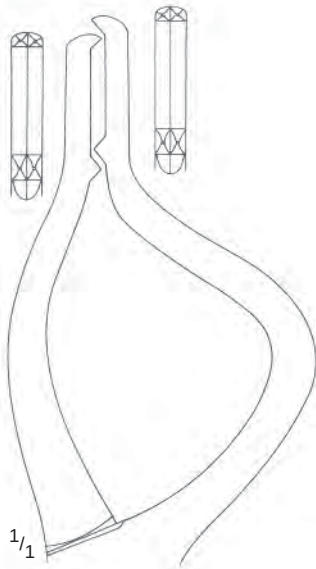
R
Rowe
rechts
right
derecho
droite

پنس دیس ایمپکشن

Repositionszangen
Disimpaction Forceps
Pinzas de reposición
Pince à repositionner

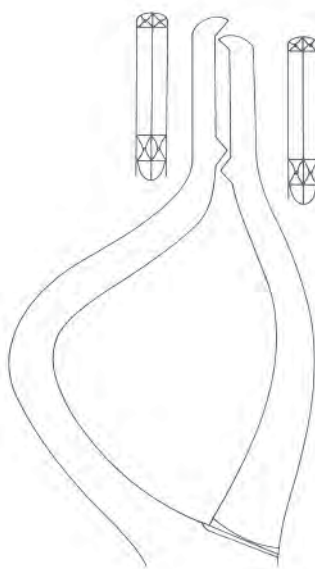


21



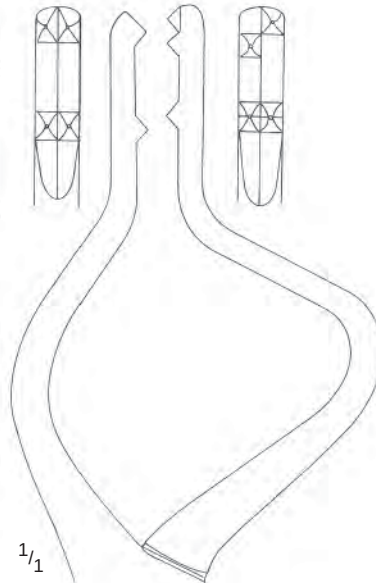
21-1007-22

links
left
izquierda
gauche



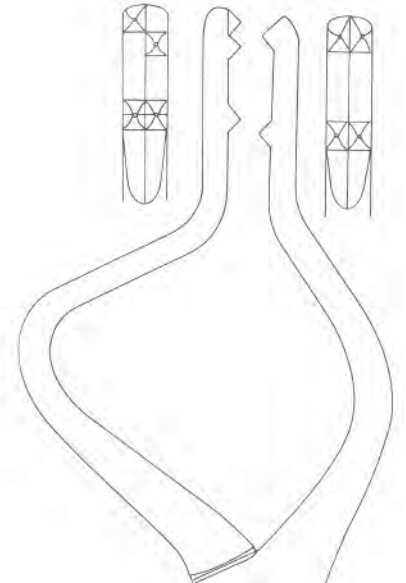
21-1008-22

rechts
right
derecha
droite



21-1009-23

links
left
izquierda
gauche



21-1010-23

rechts
right
derecha
droite



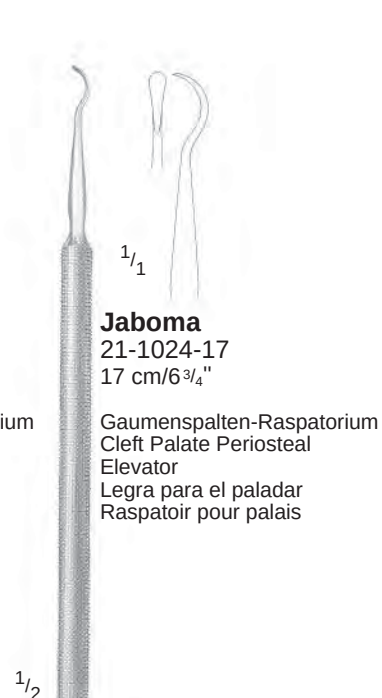
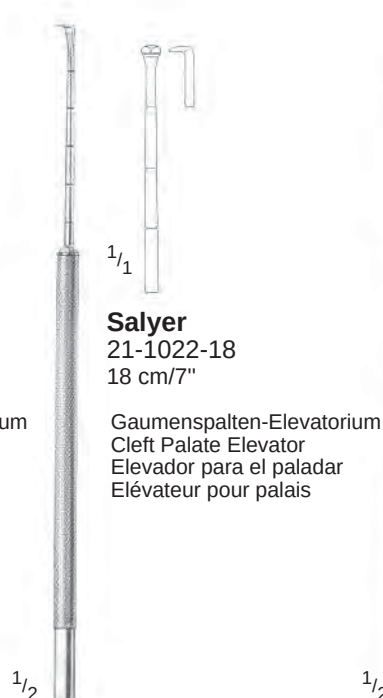
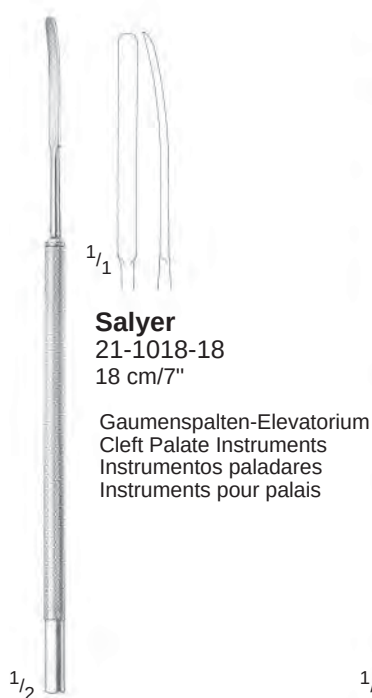
Tessier
22 cm/8³/₄"

für Kinder
for children
para niños
pour enfants



Tessier
23 cm/9"

für Erwachsene
for adults
para adultos
pour adultes



الوئٽور فكى

Elevatorien, Transplantatstopfer

Elevators, Graft Packers

Elevadores, Atacadores de trasplantes

Elévateurs, Poussoirs pour transplantation

پريوس الوئٽور فكى اكارتور فكى

Wundhaken, Raspatorien

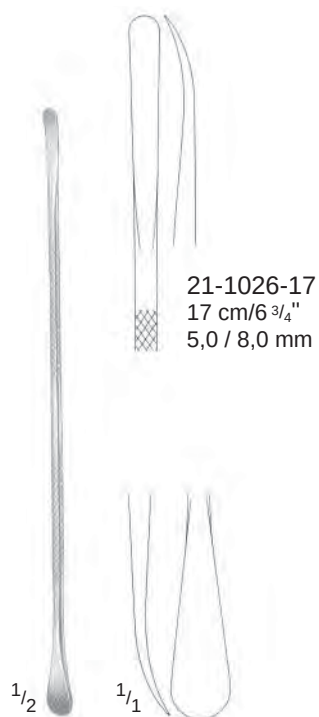
Retractors, Periosteal Elevators

Separadores, Legras

Ecarteurs, Rugines-raspatoires



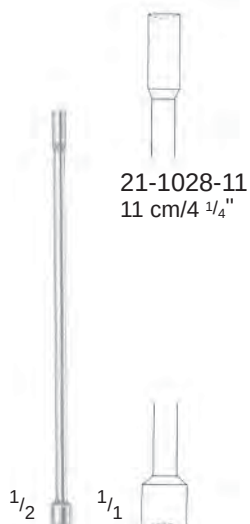
21



21-1026-17
17 cm/6 3/4"
5,0 / 8,0 mm

Terry

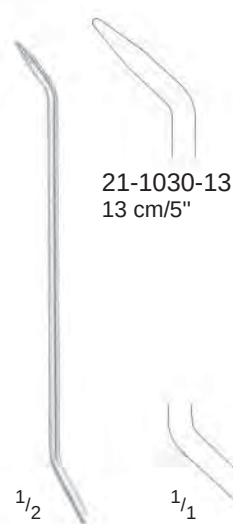
zur Alveolarlappenabhebung
for elevation of alveolar flaps
para la elevación de las aletas alveolares
pour élévation du lambeau alvéolaire



21-1028-11
11 cm/4 1/4"

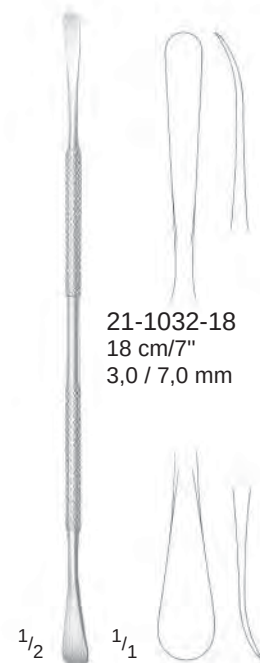
Terry

Transplantatstopfer
Graft Packer
Atacador de trasplantes
Poussoir pour transplantation



21-1030-13
13 cm/5"

Transplantatstopfer
Graft Packer
Atacador de trasplantes
Poussoir pour transplantation



21-1032-18
18 cm/7"
3,0 / 7,0 mm

Terry

für subperiostale Tunnel
for subperiosteal tunnels
para túneles subperiósticos
pour tunnel subpériostal



21-1116-01
18,5 cm/7 1/4"
14 x 7 mm



Koberg, mod.
21-1116-02
18,5 cm/7 1/4"
20 x 7 mm



21-1218-01
18 cm/7"
3 x 18 mm



21-1218-02
18 cm/7"
3,5 x 23 mm

 $\frac{1}{2}$

Obwegeser

 $\frac{1}{1}$

21-1218-06
 17,5 cm/7"
 6 mm

21-1218-07
 17,5 cm/7"
 7 mm

21-1218-09
 17,5 cm/7"
 9 mm

21-1218-11
 17,5 cm/7"
 11 mm

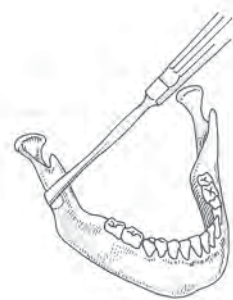
 $\frac{1}{2}$

Obwegeser

21-1225-20
 20,5 cm/8"
 5 mm

21-1227-20
 20,5 cm/8"
 7 mm

21-1229-20
 20,5 cm/8"
 9 mm



اکارتور سافت تیشو

Weichteilhaken

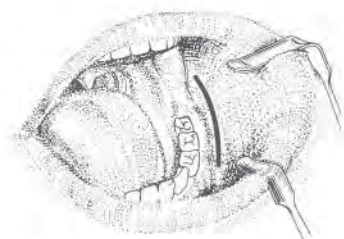
Soft Tissue Retractors

Separadores para partes blandas

Ecarteurs pour parties molles



21



$\frac{1}{2}$

Obwegeser

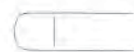
24 cm/9 $\frac{1}{2}$ "

aufwärts gebogen

bent upwards

angulado hacia arriba

coudé en haut



21-1316-24
5 x 16 mm



21-1325-24
7 x 25 mm



21-1335-24
10 x 35 mm



21-1342-24
10 x 42 mm



23-1355-24
12 x 55 mm



23-1370-24
14 x 70 mm



23-1382-24
16 x 80 mm

اکارتور سافت تیشو

Weichteilhaken

Soft Tissue Retractors

Separadores para partes blandas

Crochets pour parties molles

 $\frac{1}{2}$

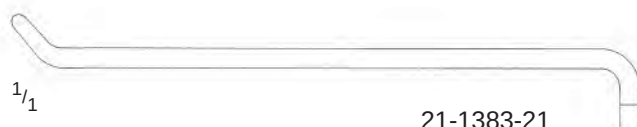
Obwegeser



21-1343-21
21,5 cm/8 $\frac{1}{2}$ "
43 x 11 mm



21-1357-21
21,5 cm/8 $\frac{1}{2}$ "
57 x 11 mm

 $\frac{1}{1}$

21-1383-21
21,5 cm/8 $\frac{1}{2}$ "
83 x 16 mm

اکارتور سافت تیشو

Weichteilhaken

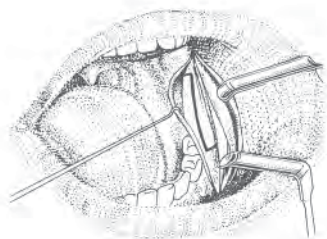
Soft Tissue Retractors

Separadores para partes blandas

Ecarteurs pour parties molles



21



$\frac{1}{2}$

Obwegeser

24 cm/9 $\frac{1}{2}$ "

abwärts gebogen

bent downwards

angulado hacia abajo

coudé en bas



21-1326-24
5 x 16 mm



21-1335-24
7 x 25 mm



21-1345-24
10 x 35 mm



21-1352-24
10 x 42 mm



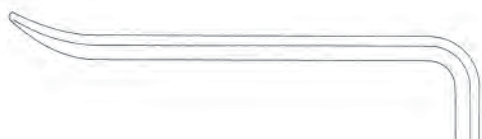
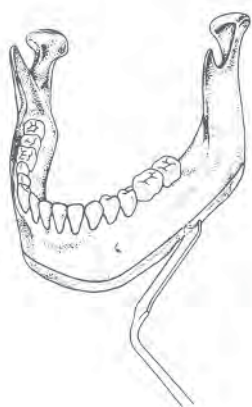
21-1365-24
12 x 55 mm



21-1380-24
14 x 70 mm



21-1392-24
16 x 80 mm

 $\frac{1}{2}$

Obwegeser
21 cm/8 $\frac{1}{4}$ "



21-1394-30
9/12 x 30 mm



21-1394-45
9/12 x 45 mm

 $\frac{1}{1}$ 

21-1394-60
9/12 x 60 mm

اکارتور راموس

Ramushaken

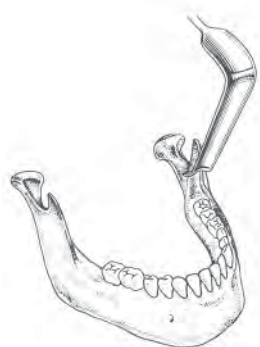
Ramus Retractors

Separadores para el ramo

Ecarteurs pour ramus



21



$\frac{1}{2}$

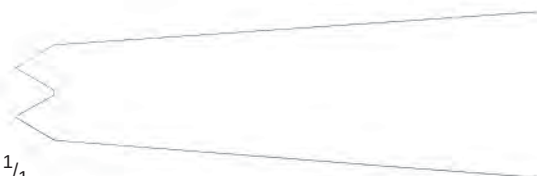
Obwegeser
24,5 cm/ $9\frac{3}{4}$ "



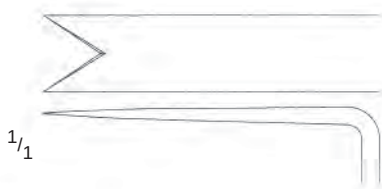
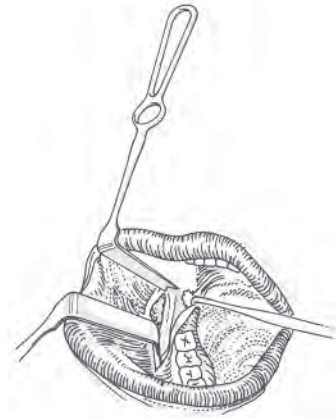
21-1396-15
11/15 x 70 mm



$\frac{1}{1}$



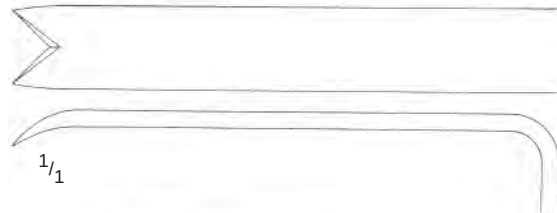
21-1396-22
12/22 x 70 mm



21-1397-45
 22 cm/8 ³/₄"
 Spina nasalis-Haken
 Nasal Spine Retractor
 Separador para spina nasalis
 Ecarteur pour spina nasalis
 45 x 10 mm



Obwegeser



21-1397-72
 22 cm/8 ³/₄"
 72 x 10 mm



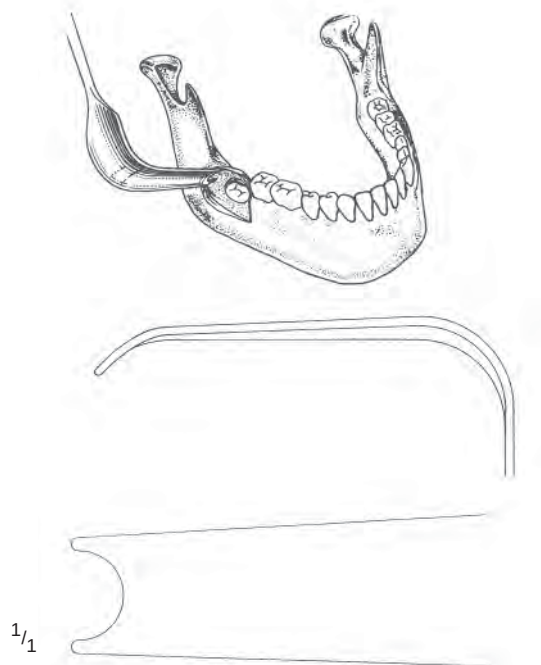
Obwegeser

Weisheitszahn-Haken
Third Molar Retractor
Separador para muela del juicio
Ecarteur pour dent de sagesse

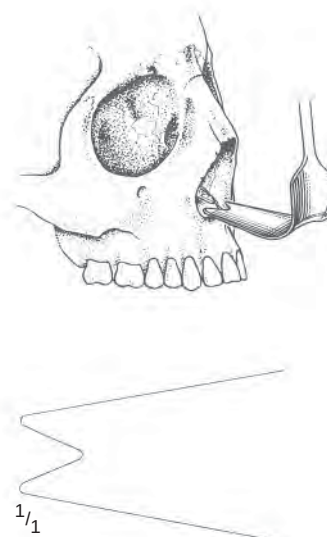
Spina nasalis-Haken
Nasal Spine Retractor
Separador para espina nasal
Ecarteur pour spina nasalis



21



21-1398-70
 15/22 x 70 mm



21-1399-40
 10/23 x 40 mm

Obwegeser
 24 cm/9½"

Weisheitszahn-Haken
 Third Molar Retractor
 Separador para muela del juicio
 Ecarteur pour dent de sagesse



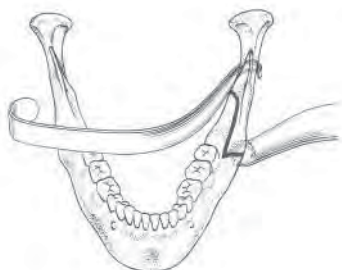
1/2

Obwegeser
 24,5 cm/9¾"

Spina nasalis-Haken
 Nasal Spine Retractor
 Separador para espina nasal
 Ecarteur pour spina nasalis



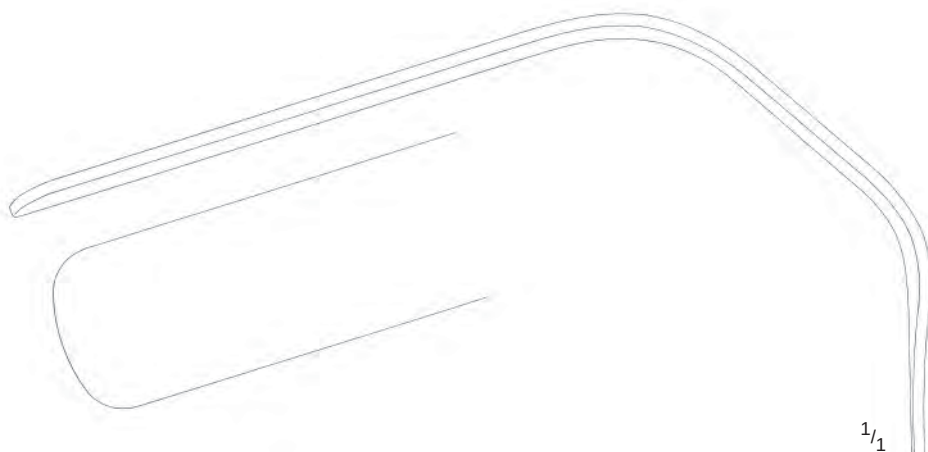
1/2

 $\frac{1}{1}$ 

21-1408-16
8 mm



21-1410-16
10 mm

 $\frac{1}{1}$

21-1422-20
90 x 22 mm

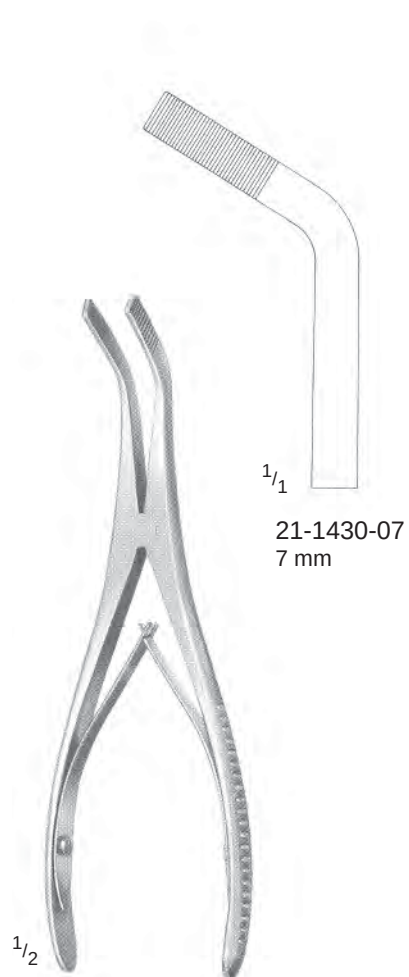
21-1428-20
120 x 28 mm

 $\frac{1}{2}$

Obwegeser
16,5 cm/6 $\frac{1}{2}$ "

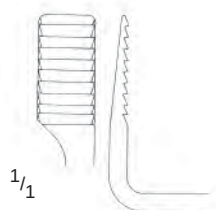
 $\frac{1}{2}$

Tessier
20,5 cm/8"



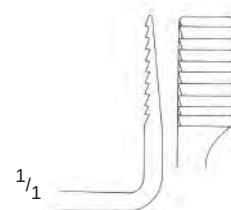
Tessier
17,5 cm/7"

Spreizzange
Spreading Forceps
Pinza de expansión
Pince à écarter



21-1432-01
9 mm

rechts
right
derecha
droite



21-1432-02
9 mm

links
left
izquierda
gauche

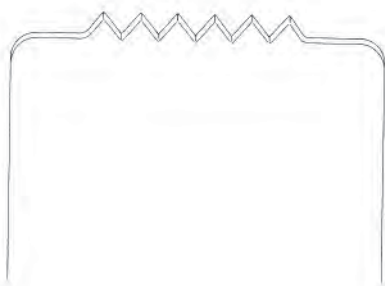


Tessier
15 cm/6"

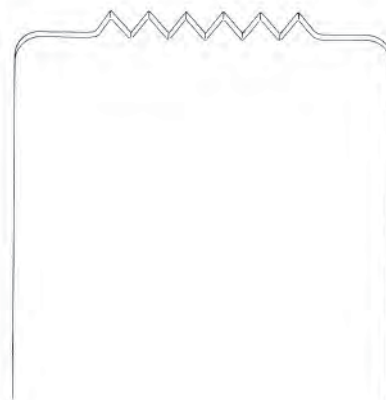


Tessier
15 cm/6"

**Beckenkammspatel
Iliac Crest Retractors
Separadores para cresta ilíaca
Rétracteur iliaque**



21-1434-36
36 x 50 mm



21-1434-52
52 x 50 mm



$\frac{1}{1}$

21-1434-59
59 x 50 mm



21-1434-66
66 x 50 mm

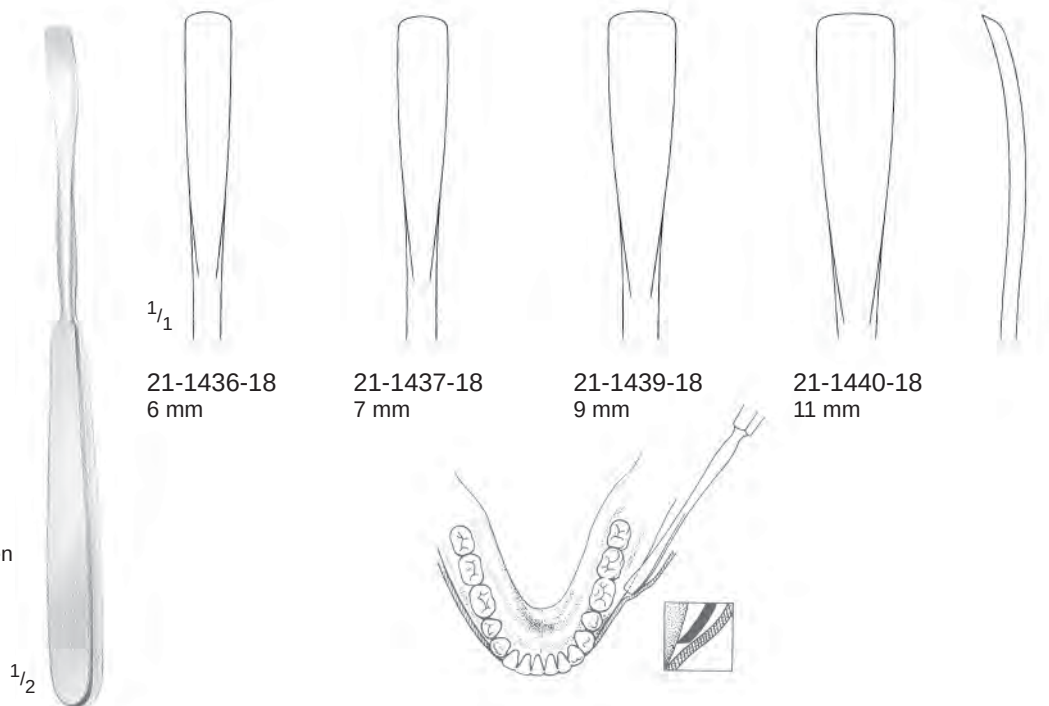


$\frac{1}{2}$

Tessier
16 cm/ $6\frac{3}{4}$ "

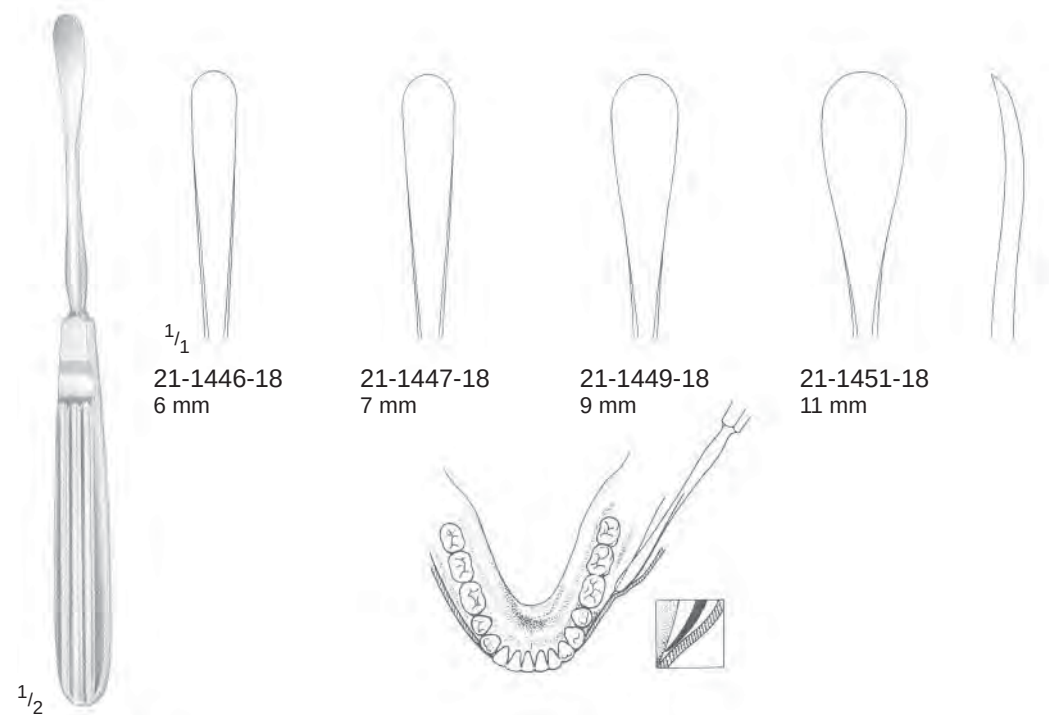
Obwegeser
18 cm/7"

winkelig angeschliffen
angled cutting
biselado angular
tranchant angulé



Obwegeser
18 cm/7"

flach angeschliffen
flat cutting
biselado plano
tranchant plat

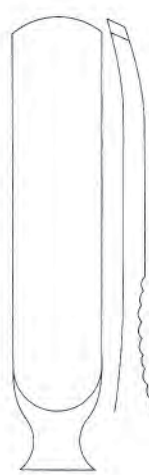




Marchac
15,5 cm/6"



21-1460-05
7,5 mm



21-1460-12
12 mm



Marchac
17 cm/6³/₄"



21-1462-20
2 mm



21-1462-35
3,5 mm



21-1462-50
5 mm

پریوس الیوٹر فکی

Ramusraspatorien

Ramus Periosteal Elevators

Legras para el ramo

Rugine-raspatoires pour ramus

Periostraspatorien

Periosteal Elevators

Legras para periostio

Rugine-raspatoires pour périoste



21



$\frac{1}{1}$

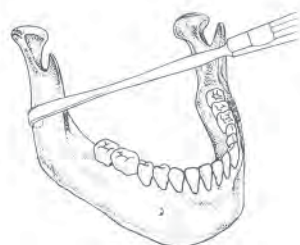
21-1464-05
5 mm



21-1464-07
7 mm



21-1464-09
9 mm



Obwegeser
20,5 cm/8"

$\frac{1}{2}$



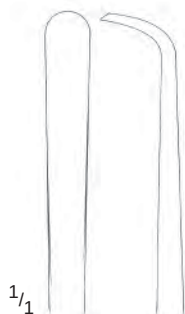
$\frac{1}{1}$

21-1466-30
6 mm
30°



$\frac{1}{2}$

Tessier
18 cm/7"



$\frac{1}{1}$

21-1466-60
6 mm
60°



$\frac{1}{2}$

Tessier
20,5 cm/8"



$\frac{1}{1}$

21-1468-12
12 mm

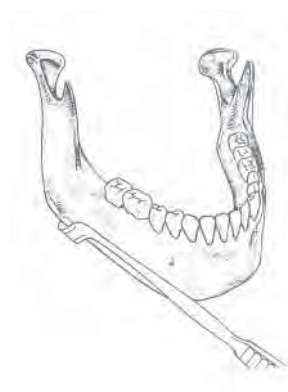


21-1468-15
15 mm

$\frac{1}{2}$

Tessier
18,5 cm/7 $\frac{1}{4}$ "

Unterkieferrand-Raspatorien
Mandibular Inferior Border Raspatories
Legras para el borde mandibular
Rugine-raspatoires pour le bord mandibulaire



21-1470-06
6 mm

$\frac{1}{2}$

$\frac{1}{1}$

Obwegeser
21 cm/8 $\frac{1}{4}$ "

Elevatorium
Elevator
Elevador
Élévateur



15-3180-20
6 mm

$\frac{1}{2}$

$\frac{1}{1}$

Obwegeser
20 cm/8"

Raspatorium
Raspatory
Legra
Rugine-raspatoire



21-1472-00
10 mm

$\frac{1}{2}$

Obwegeser
18 cm/7"

nach links gewinkelt
angled to left
angulado hacia la izquierda
coudé à gauche



21-1472-01
10 mm

$\frac{1}{2}$

Obwegeser
18 cm/7"

nach rechts gewinkelt
angled to right
angulado hacia la derecha
coudé à droite



Obwegeser
 17,5 cm/7"



Obwegeser
 17,5 cm/7"



Septumosteotome
Septonasal Osteotomes
Osteótomos para el tabique nasal
Ostéotomes pour cloison nasale

Keilosteotome
Wedge Osteotomes
Osteótomos de cuña
Ostéotome cunéiforme

Obwegeser

18,5 cm/7 ¹/₄"

graduiert
 graduated
 graduado
 gradué



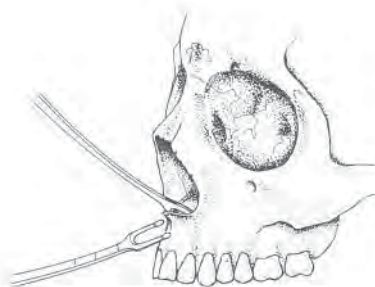
21-1480-04
4 mm



21-1480-06
6 mm



21-1480-08
8 mm



21-1482-08
8 mm



21-1482-12
12 mm



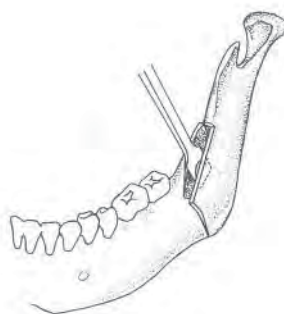
21-1482-16
16 mm



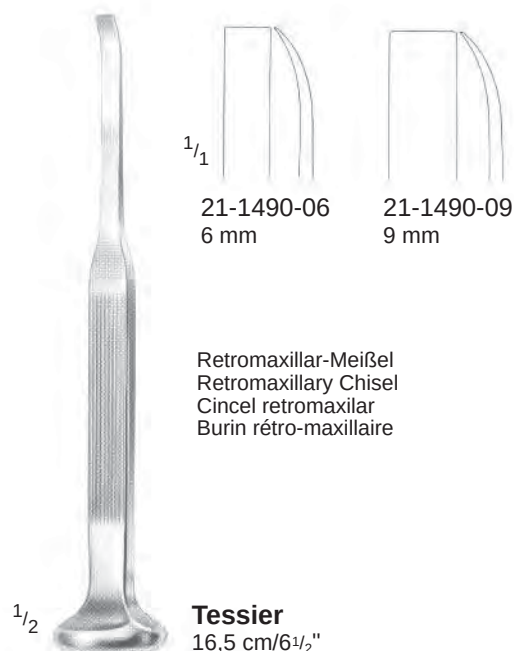
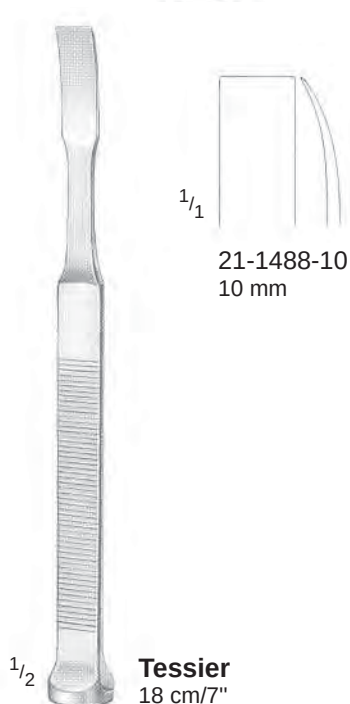
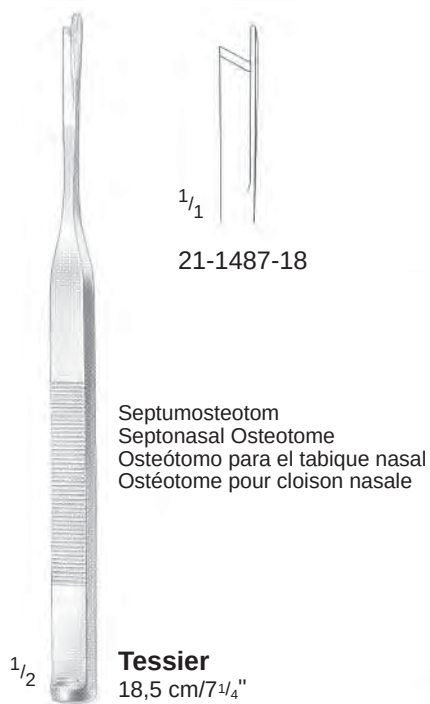
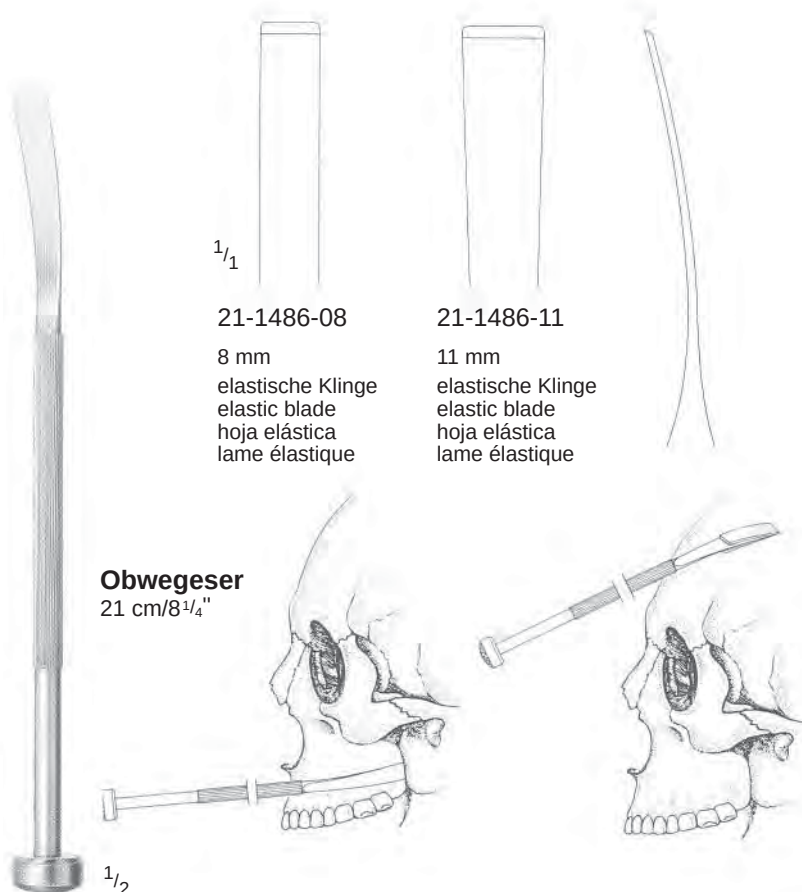
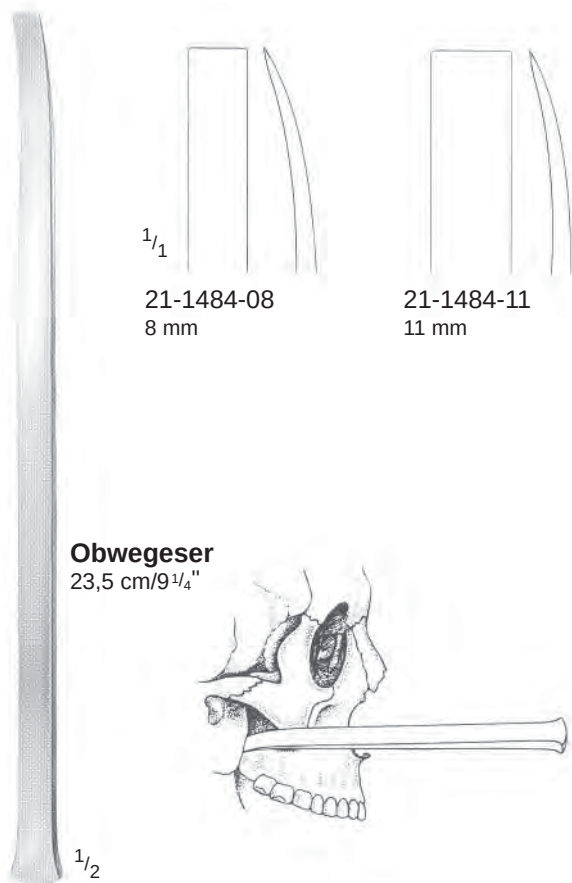
Obwegeser

22 cm/8 ³/₄"

¹/₂

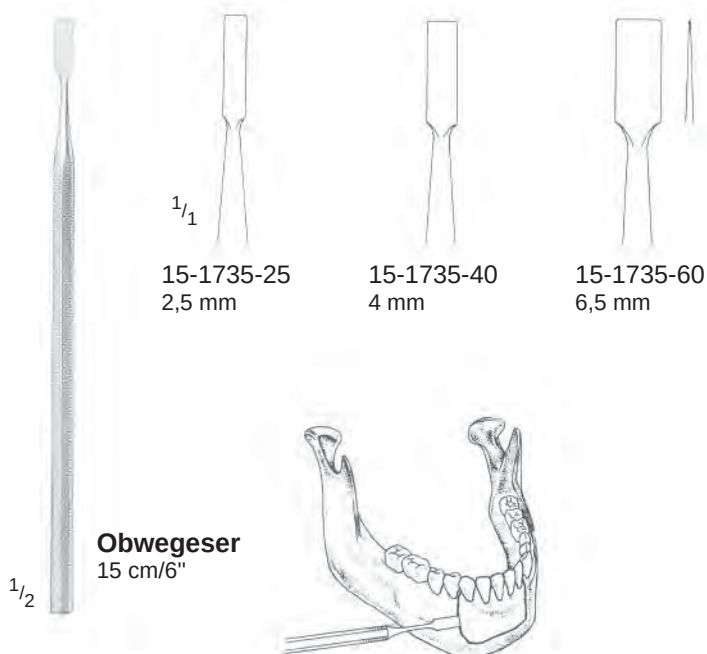


Tuber maxillae-osteotome
Osteotomes for Maxillary Tuber
Osteótomos para tubérculo maxilar
Ostéotome pour tuber-maxillae

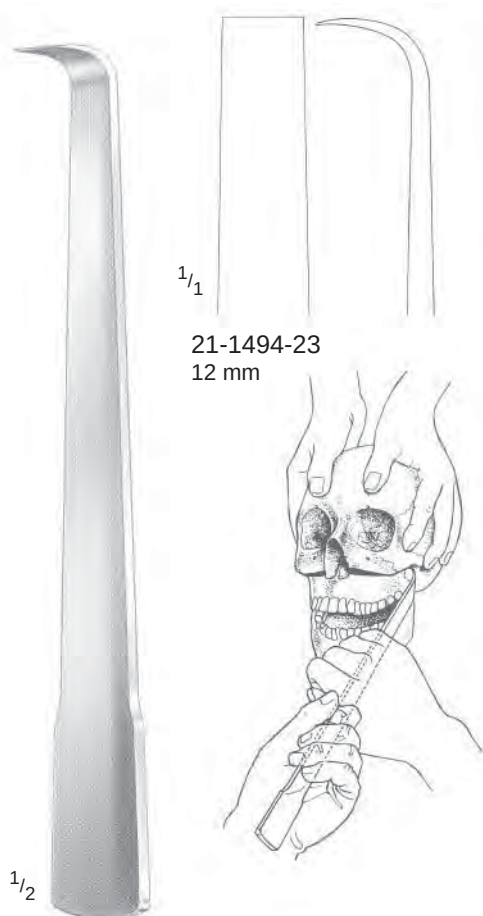


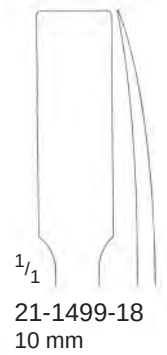
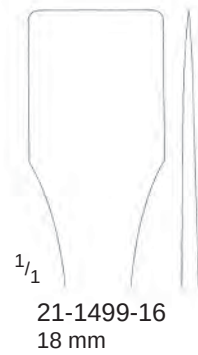
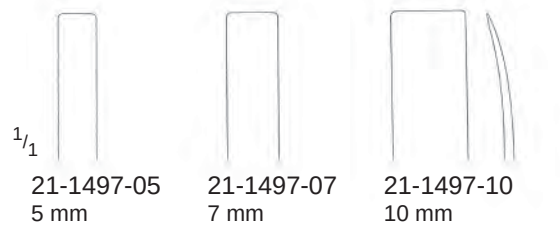
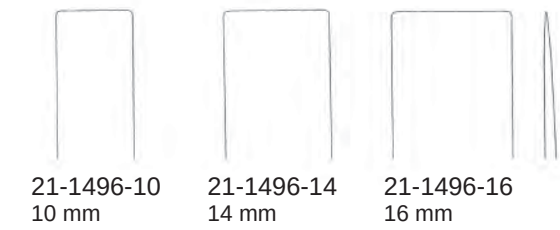
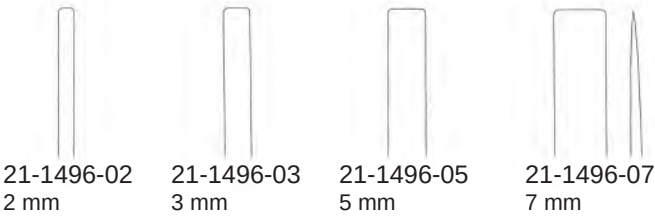
Alveolarfortsatz-Osteotome
Osteotomes for Alveolar Process
Osteótomos para el proceso alveolar
Ostéotome pour bord alvéolaire

Maxilla-Mobilisator
Maxillary Mobilizer
Mobilizador maxilar
Mobilisateur pour maxillaire



Obwegeser
23 cm/9"





Tessier
16 cm/6 $\frac{1}{4}$ "



Tessier
16 cm/6 $\frac{1}{4}$ "



Tessier
18 cm/7"



21-1500-10
10 mm



21-1500-15
15 mm



21-1500-20
20 mm



21-1500-30
30 mm



21-1506-10
10 mm



21-1506-15
15 mm



21-1501-10
10 mm



21-1501-15
15 mm



21-1507-10
10 mm



21-1507-15
15 mm



$\frac{1}{2}$

Tessier
20 cm/7 $\frac{3}{4}$ "

zur Transplantatentnahme aus Ilium und Tibia
for taking grafts from ilium and tibia
para sacar trasplantes del ilion y la tibia
pour prise de greffon de l'ilion et du tibia



$\frac{1}{2}$

Tessier
16 cm/6 $\frac{1}{4}$ "

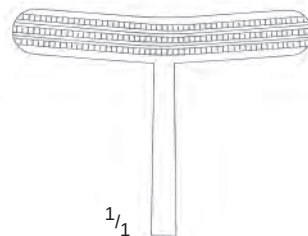
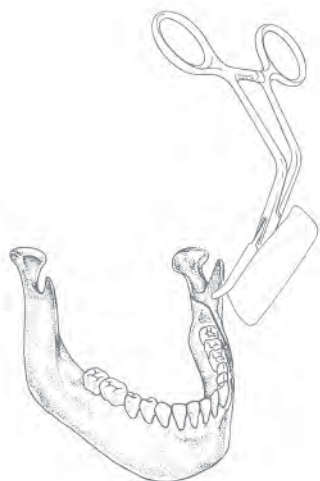
zur Transplantatentnahme aus der Calva
for taking grafts from the calva
para sacar trasplantes del calvo
pour prise de greffon du crâne

Ramusklemmen
Ramus Clamps
Pinzas para el ramo
Pincers pour ramus

Kopfhautklemme
Scalp Clamp
Pinza para cabelludo
Pince pour le cuir chevelu



21



$\frac{1}{1}$

21-1510-13



$\frac{1}{2}$

Tessier
13 cm/5"



$\frac{1}{2}$

Obwegeser
21-1512-15
15 cm/6"

kleines Modell, rechts
small pattern, right
modelo pequeño, derecha
modèle petit, droit



$\frac{1}{2}$

Obwegeser
21-1525-20
20 cm/8"

großes Modell, rechts
large pattern, right
modelo grande, derecha
modèle grand, droit

Obwegeser
21-1522-15
15 cm/6"

kleines Modell, links
small pattern, left
modelo pequeño, izquierdo
modèle petit, gauche

Obwegeser
21-1535-20
20 cm/8"

großes Modell, links
large pattern, left
modelo grande, izquierdo
modèle grand, gauche



1/2

Marchac
21-1540-19
19 cm/7 1/2"



1/2

Marchac



1/1

21-1542-04
18,5 cm/7 1/4"
4 mm



21-1542-06
18,5 cm/7 1/4"
6 mm



21-1542-08
18,5 cm/7 1/4"
8 mm



1/2

Marchac



1/1

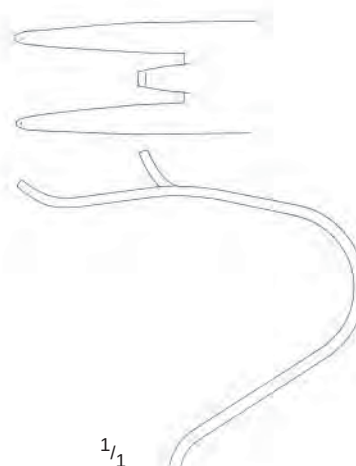
21-1544-06
18,5 cm/7 1/4"
6 mm



1/2

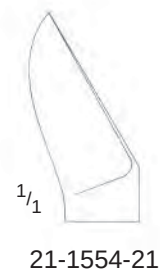
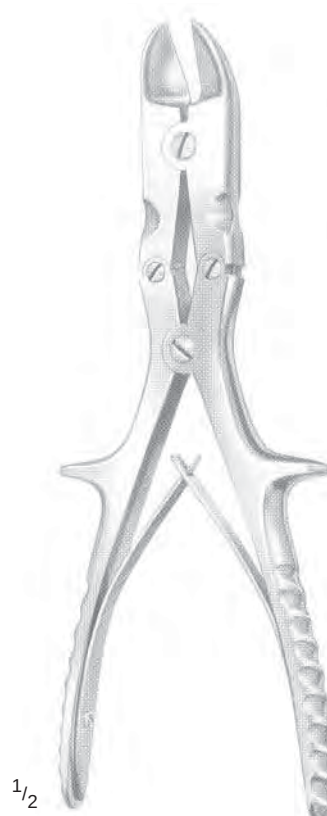
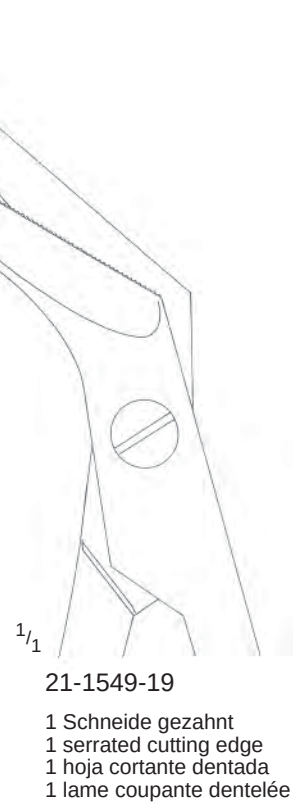
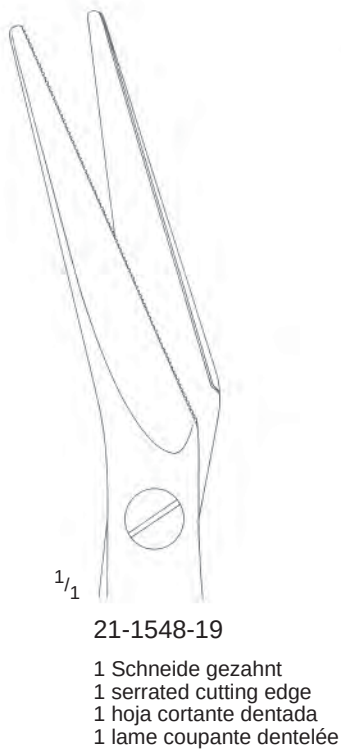
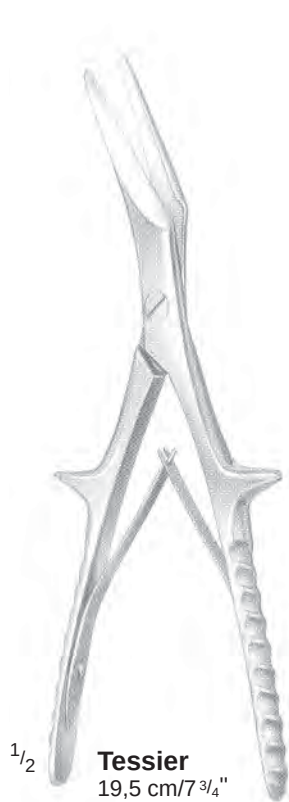
Obwegeser
16 cm/6 1/4"

Kinnhalter
Chin Holder
Separador para mentón
Ecarteur pour menton



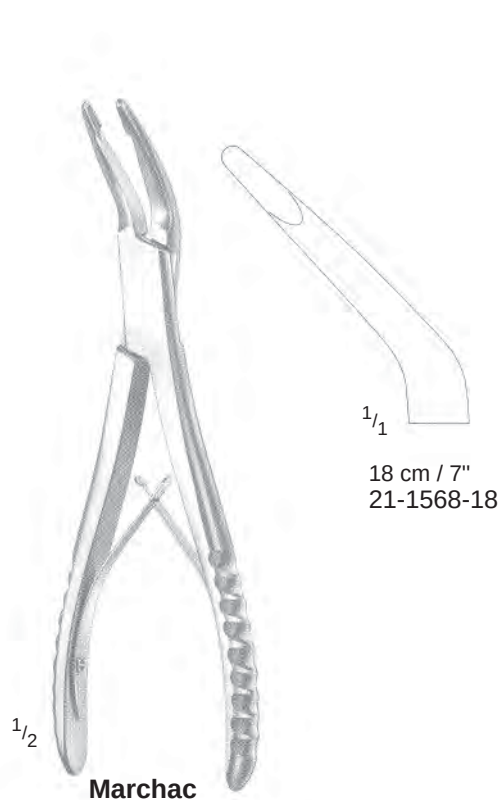
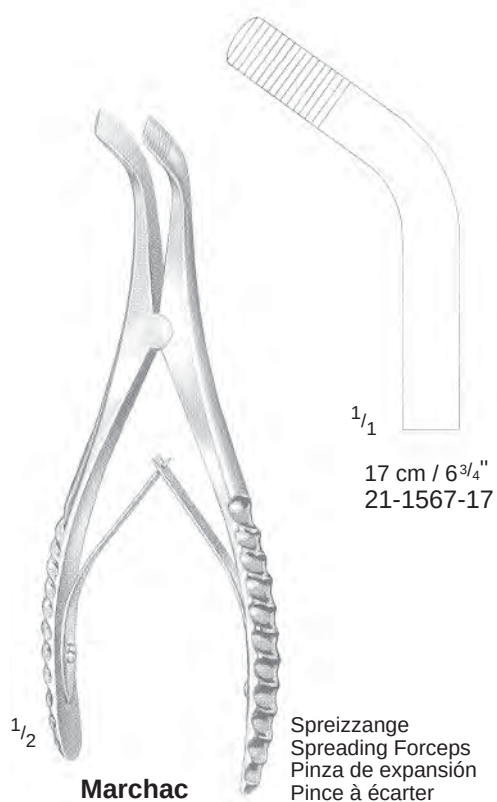
1/1

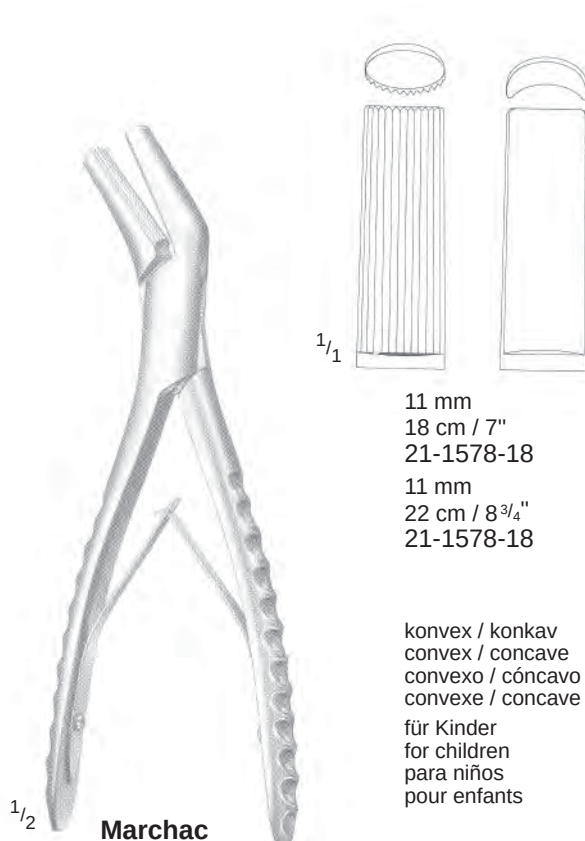
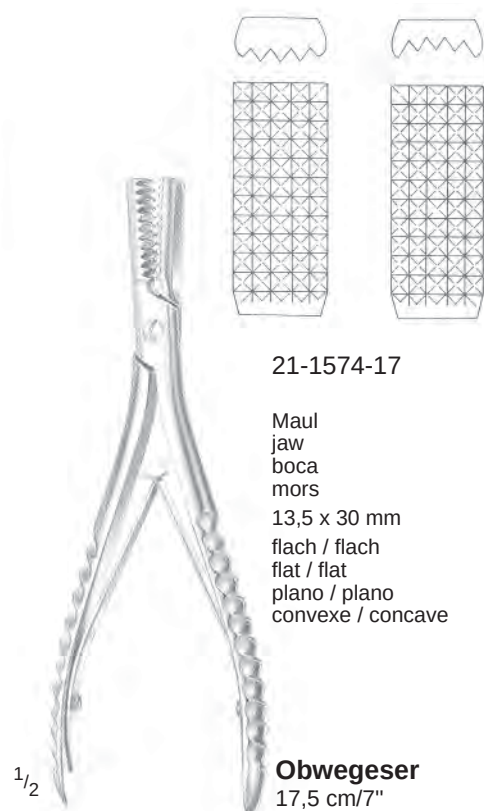
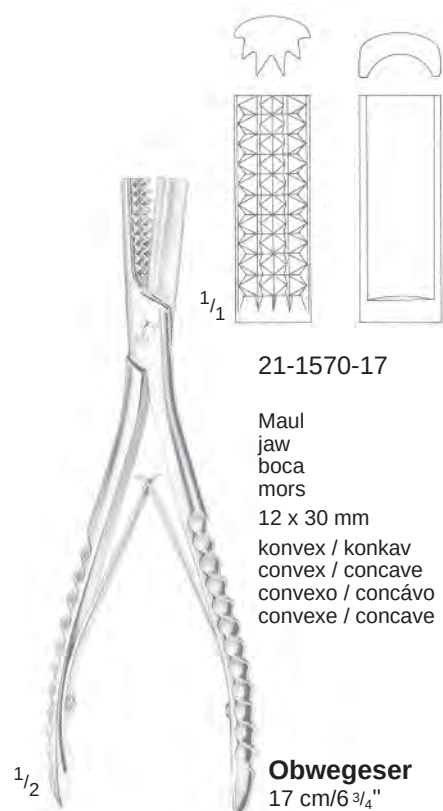
21-1546-16
16,5 mm



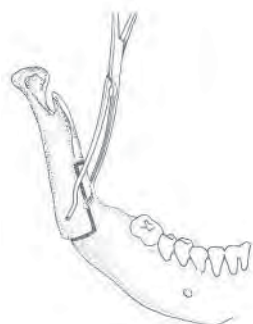
هوك استخواني
Knochenhaken
Bone Hook
Gancho para huesos
Crochet pour os

بن روٹور
Cranial-Hohlmeißelzange
Cranial Rongeur
Pinza gubia craneal
Gouge craniale

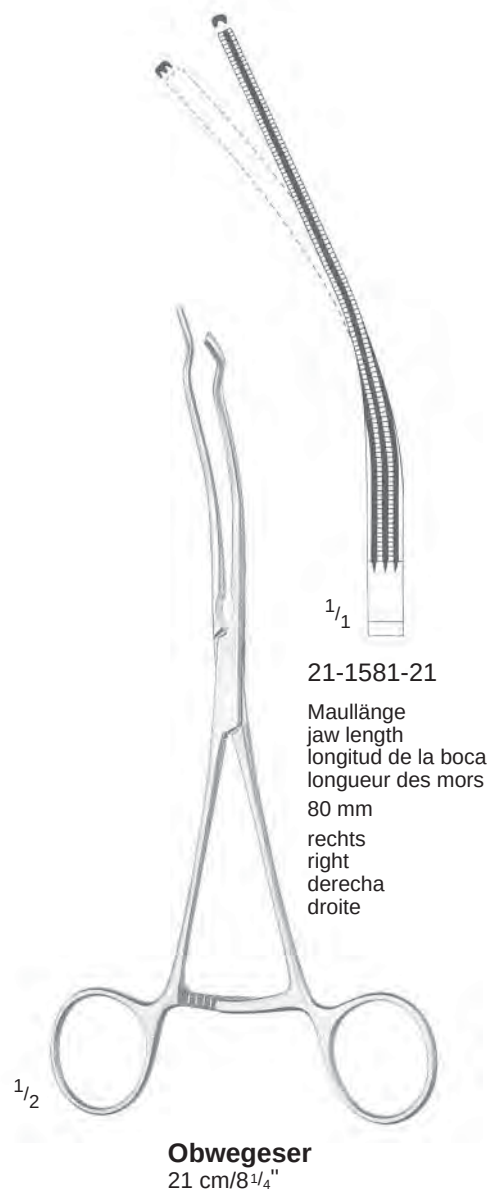
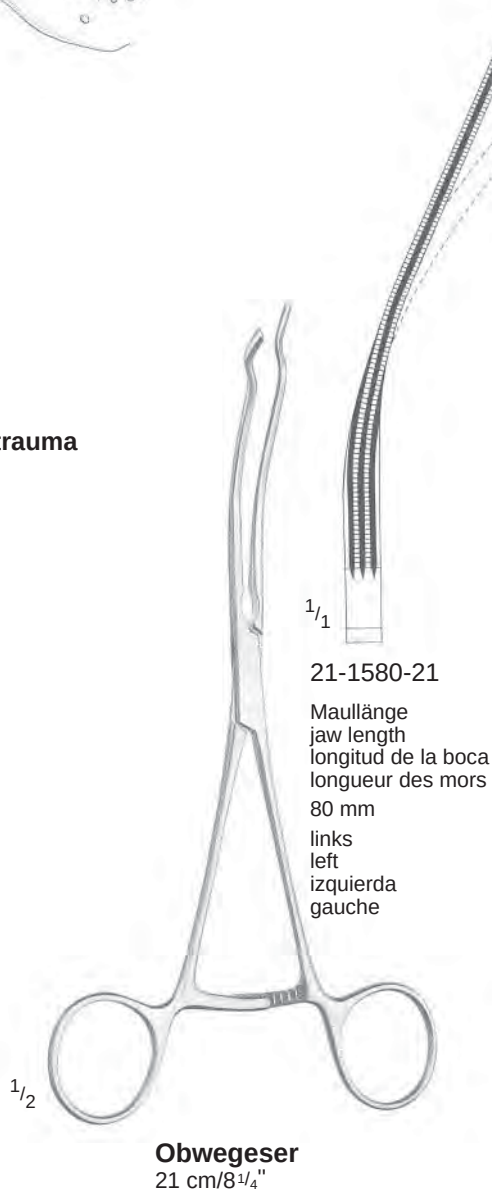




Fragment-Adaptierungsklemmen
 Fragment Adapting Forceps
 Pinzas adaptadoras para fragmentos
 Clamps pour adaptation de fragments osseux



Atrauma



Ahlen
Awls
Leznas
Alênes

سوزن تروکار فکی
Beckenkamm-Ahlen
Iliac Crest Awls
Leznas para crestailíaca
Alênes pour os iliaques



21



21-1583-21
2,5 mm Ø

Tessier
21 cm/8¹/₄"

¹/₂



21-1585-16
4,5 mm Ø

Tessier
16,5 cm/6¹/₂"

21-1587-14
2,5 mm Ø

Trokar
Trocac
Trócar
Trocarts

Tessier
14 cm/5¹/₂"



Oberkieferahle
Maxillary Awl
Aguja maxilar
Aiguille maxillaire



18 cm/7"
21-1588-18

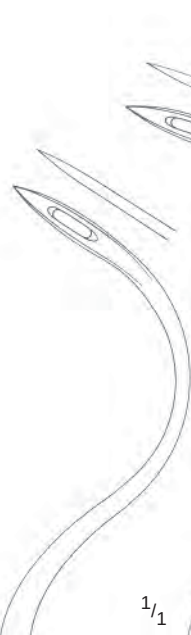
¹/₂



¹/₁

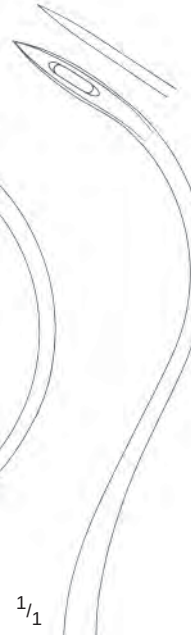
21-1591-20
20,5 cm/8"

Tessier



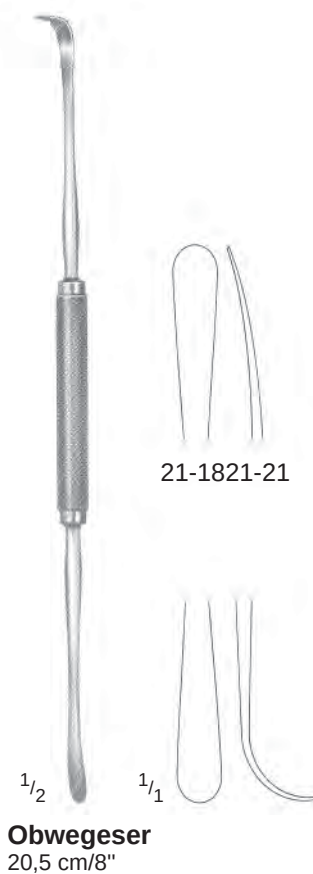
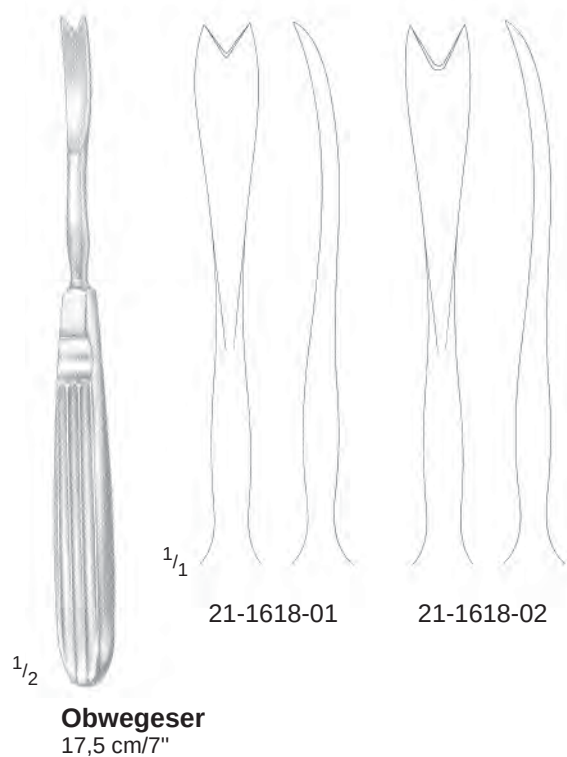
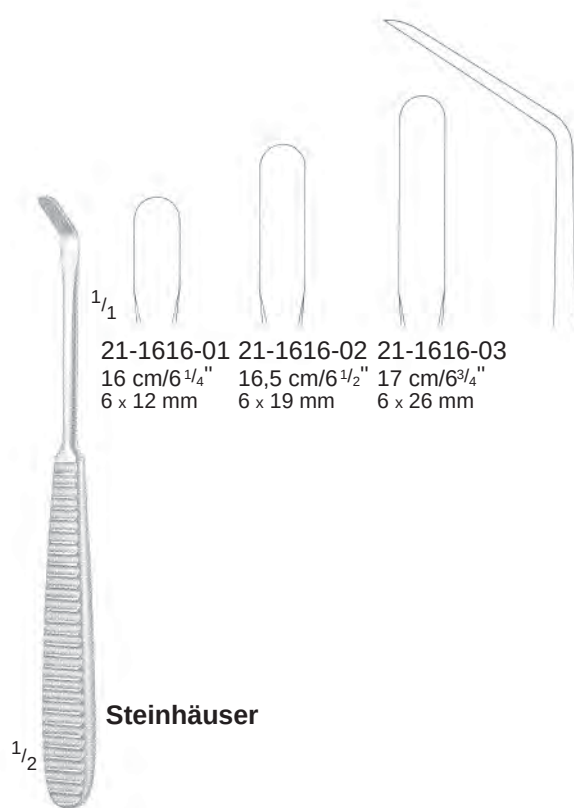
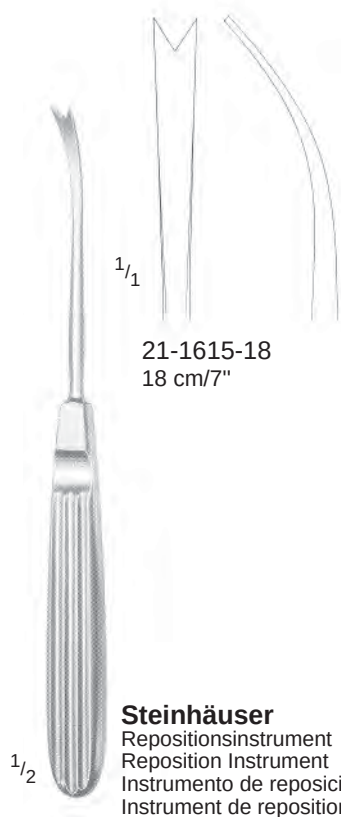
¹/₁

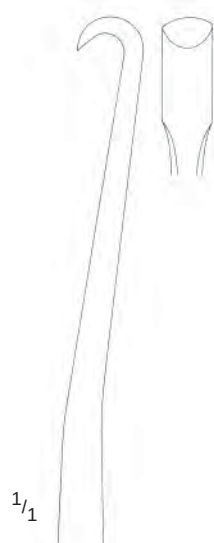
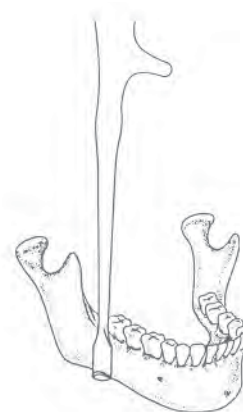
21-1592-21
21 cm/8¹/₄"



¹/₁

21-1593-21
21,5 cm/8¹/₂"





1/1

21-1906-23
23 cm/9"
6,5 mm

rechts
right
derecho
droite



21-1909-23
23 cm/9"
9 mm

rechts
right
derecho
droite



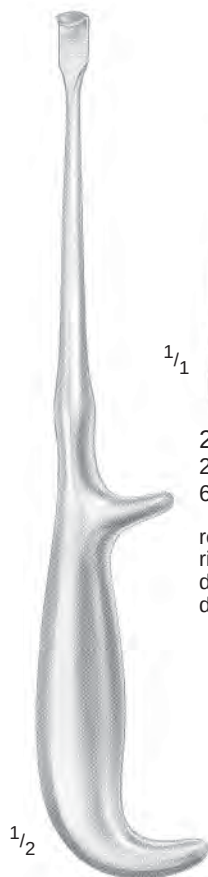
21-1916-23
23 cm/9"
6,5 mm

links
left
izquierdo
gauche



21-1919-23
23 cm/9"
9 mm

links
left
izquierdo
gauche

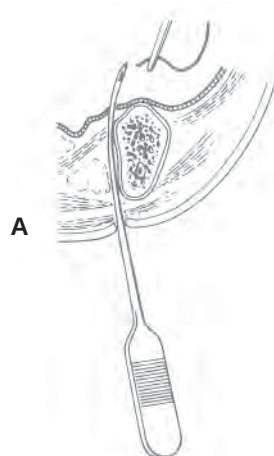


1/2

Hargis

Unterkieferahle
Maxillary Awls
Leznas maxilares
Alênes maxillaires

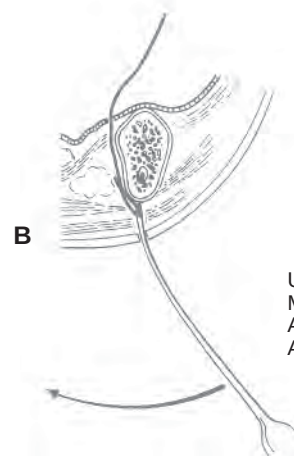
Jochbogenahle
Zygomatic Arch Awl
Lezna para el arco cigomático
Alêne pour l'arcade zygomatique



$\frac{1}{1}$
 21-2010-17



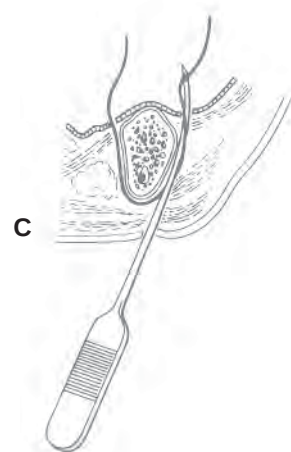
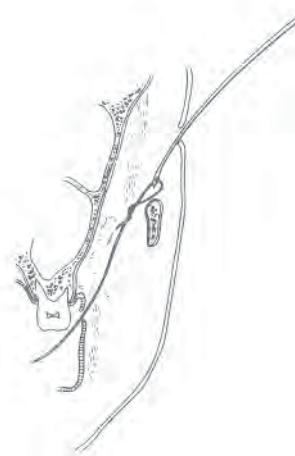
Jochbogenahle
 Awl for Zygomatic Arch
 Aguja para zigoma
 Aiguille zygomatique



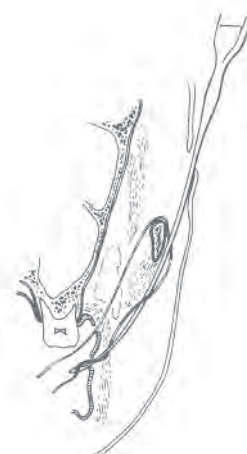
$\frac{1}{2}$
Obwegeser
 17,5 cm/7"

Unterkieferahle
 Mandibular Awl
 Aguja mandibular
 Aiguille mandibulaire

$\frac{1}{1}$
 21-2012-15



$\frac{1}{2}$
Obwegeser
 15 cm/6"



$\frac{1}{1}$
 21-2013-24



$\frac{1}{2}$
Obwegeser
 24 cm/9 $\frac{1}{2}$ "

كورت فكى

Scharfe Küretten, Kürettenschärfer

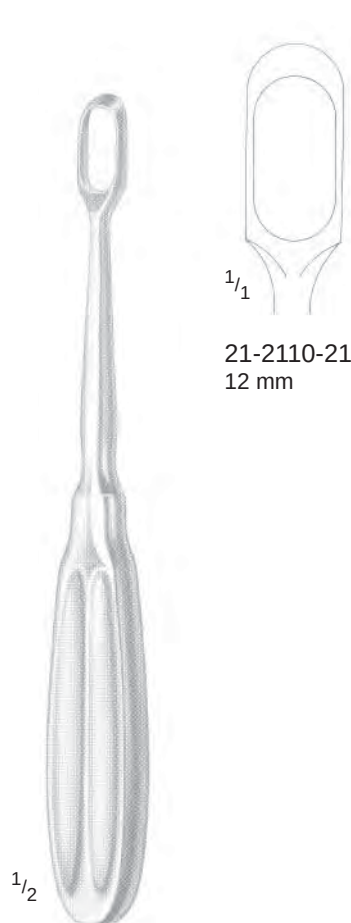
Bone Currettes, Curette Sharpener

Curetas cortantes, Afilador para curetas

Curettes coupantes, Aiguiseur à curettes



21



21-2110-21
12 mm

$\frac{1}{2}$

Tessier
21,5 cm/8 $\frac{1}{2}$ "



21-2113-19

$\frac{1}{2}$

Tessier
19,5 cm/7 $\frac{3}{4}$ "
Kürettenschärfer
Curette Sharpener
Afilador para curetas
Aiguiseur à curettes

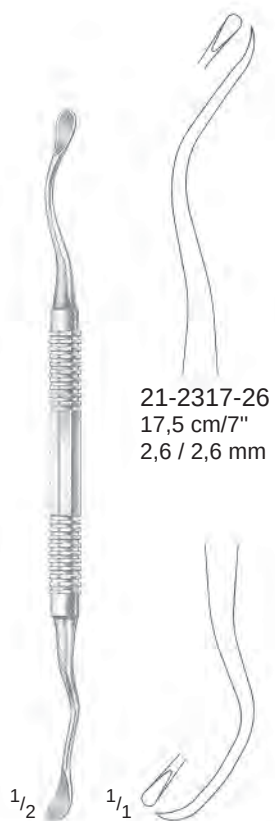
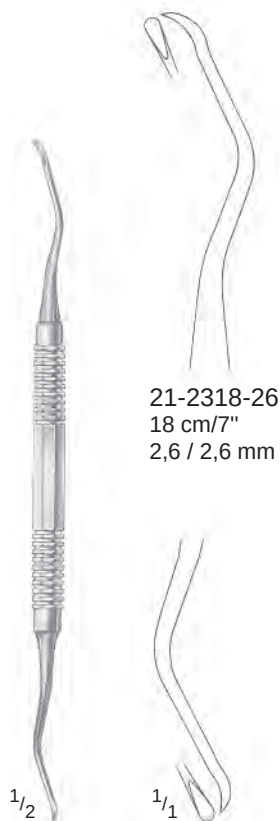


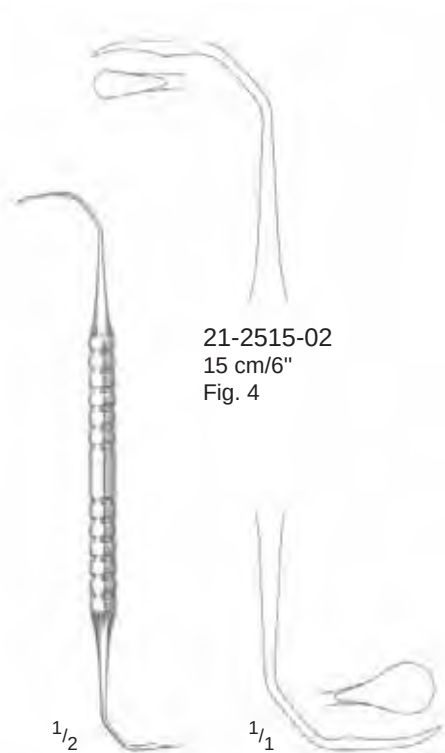
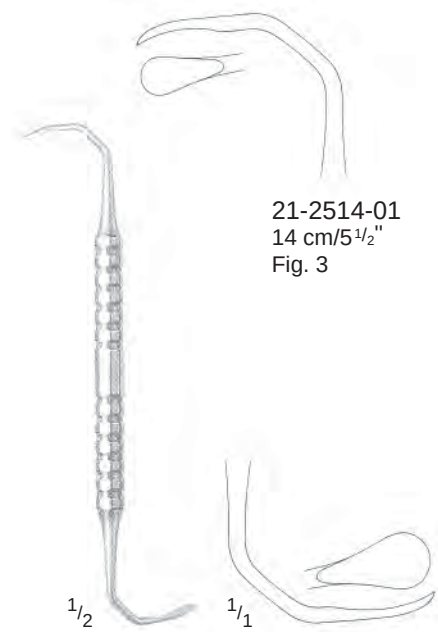
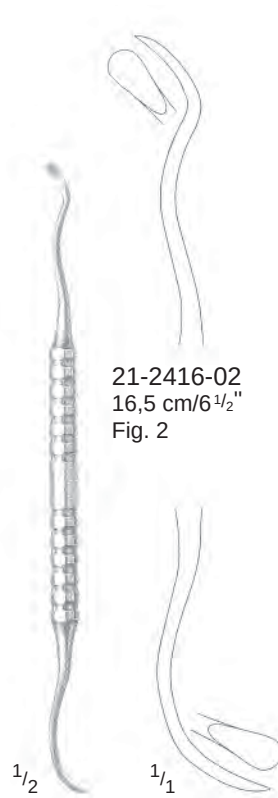
21-2115-21
6 mm

$\frac{1}{2}$

Tessier
21,5 cm/8 $\frac{1}{2}$ "

Sinus-Lift-Küretten
Sinus Lift Curettes
Curetas para Sinus-lift
Curettes pour Sinus-lift





اکارتور چانه

Kinnhalter, Progenierinnen

Chin Retractor, Channel Retractors

Gancho de mentón, Separadores mandibulares

Fixe-menton, Ecarteurs mandibulaires

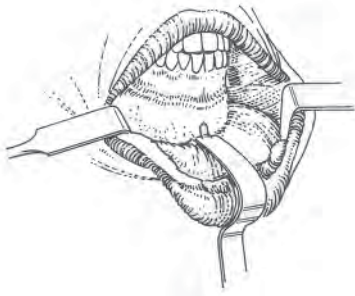
اکارتور لب

Wangenhalter

Cheek Retractors

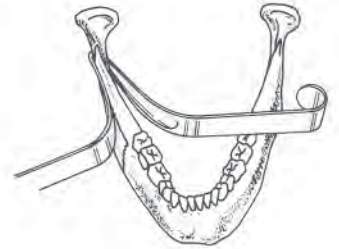
Separadores para mejilla

Ecarteurs des joues



Obwegeser
21-2616-15
16,5 cm/6 1/2"

1/2



Obwegeser

21-2617-08 17 cm/6 3/4" 8 mm

21-2617-10 17 cm/6 3/4" 10 mm

1/2



21-2620-15
15 cm/6"
20 mm

1/2



1/2



Cawood-Minnesota

21-2621-14
14,5 cm/5 3/4"

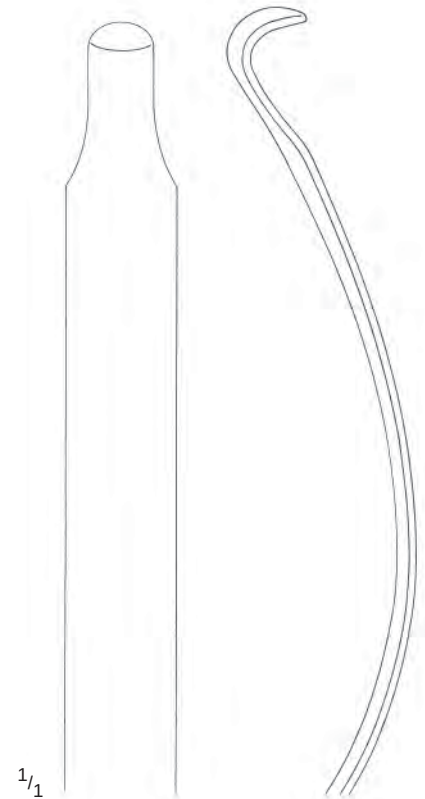
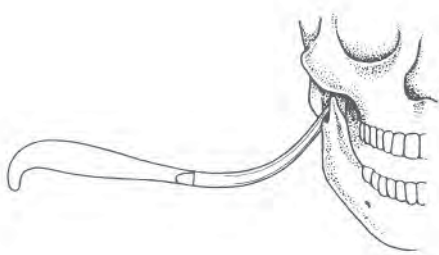
gefenstert
fenestrated
fenestrado
fenêtre

1/2



1/2





21-2716-22
22 cm/8 3/4"
9,5 mm / 16 mm

konkaves Blatt, mit stark
aufgebogenem Ende
concave blade, fully bent tip
hoja concáva, fuertemente
curva
lame concave, courbé
énormément

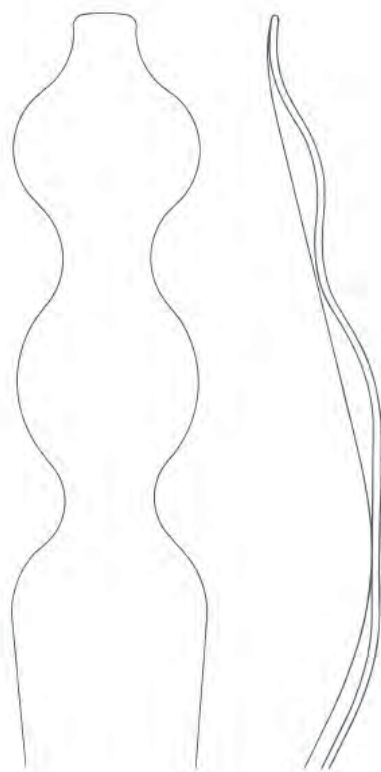
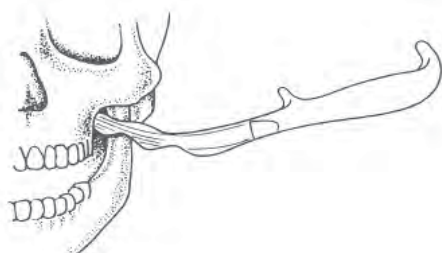


21-2716-25
25,5 cm/10"
9,5 mm / 16 mm

konkaves Blatt, mit stark
aufgebogenem Ende
concave blade, fully bent tip
hoja concáva, fuertemente
curva
lame concave, courbé
énormément



mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
• avec connection lumière froide



1/1

21-2725-23
 23 cm/9"
 25,5 mm

für LeFort Osteotomie
 for LeFort osteotomies
 para osteotomías según LeFort
 pour ostéotomie selon LeFort

21-2725-27
 27 cm/10 ³/₄"
 25,5 mm

für LeFort Osteotomie
 for LeFort osteotomies
 para osteotomías según LeFort
 pour ostéotomie selon LeFort



1/2

1/2



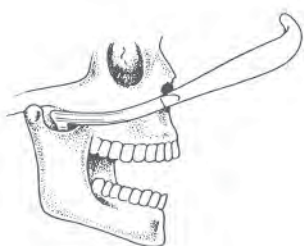
mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
 • avec connection lumière froide

اکارتور داخل دهانی

Intraorale Retraktoren
Intra Oral Retractors
Separadores intra orales
Rétracteurs intra-oraux



21



$\frac{1}{2}$

21-2732-21
21 cm/8 $\frac{1}{4}$ "
26,5 / 16 mm
rechts
right
derecho
droite



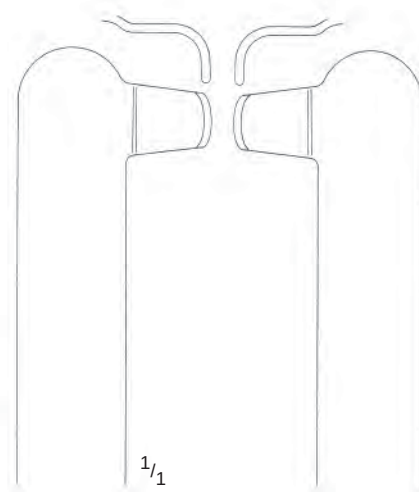
21-2733-21
21 cm/8 $\frac{1}{4}$ "
26,5 / 16 mm
links
left
izquierdo
gauche



21-2753-24
24,5 cm/9 $\frac{3}{4}$ "
26,5 / 16 mm
rechts
right
derecho
droite



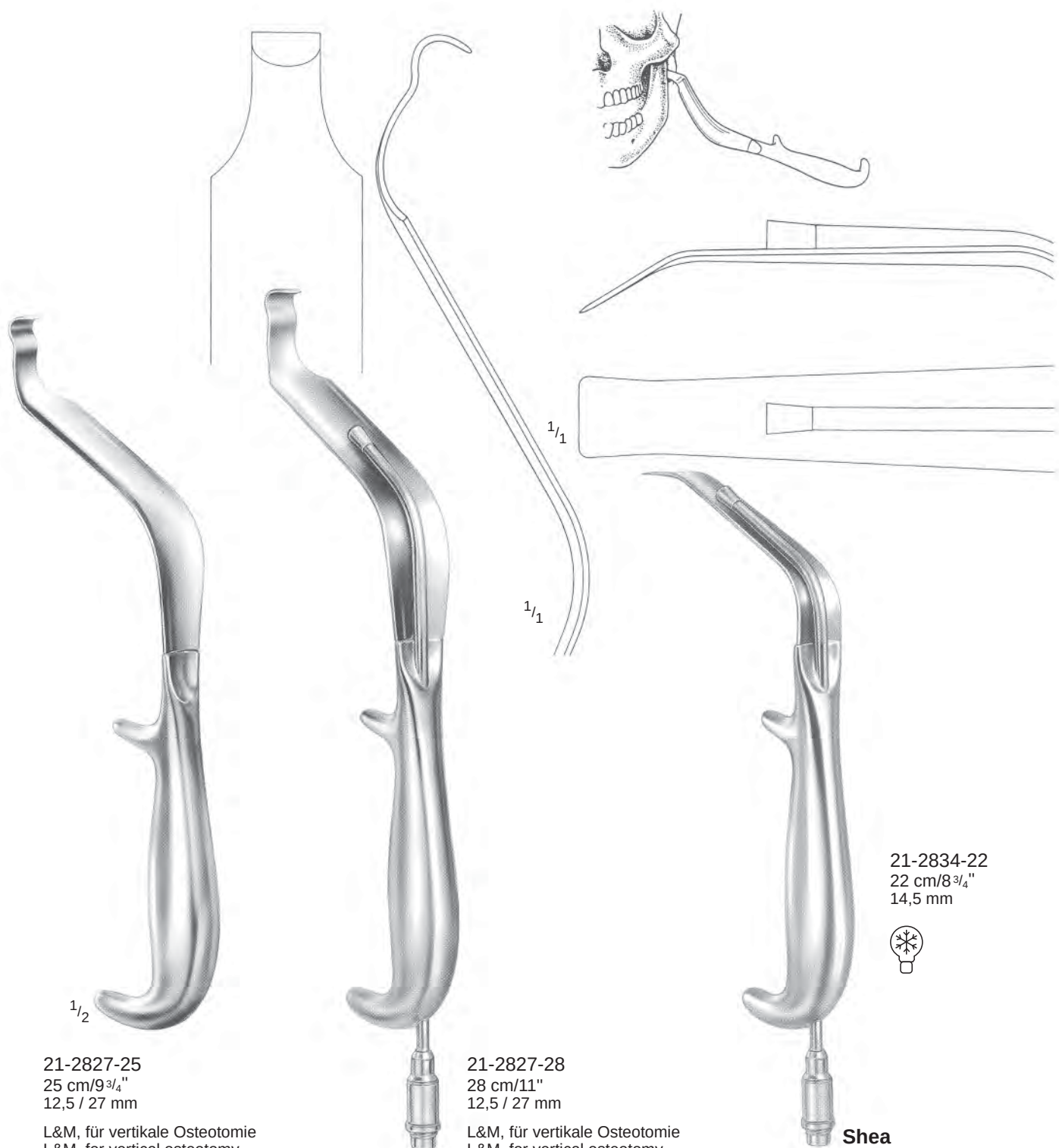
21-2754-24
24,5 cm/9 $\frac{3}{4}$ "
26,5 / 16 mm
links
left
izquierdo
gauche



$\frac{1}{1}$



mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
• avec connection lumière froide



21-2827-25
 25 cm/9 3/4"
 12,5 / 27 mm

L&M, für vertikale Osteotomie
 L&M, for vertical osteotomy
 L&M, para osteotomía vertical
 L&M, pour ostéotomie verticale

21-2827-28
 28 cm/11"
 12,5 / 27 mm

L&M, für vertikale Osteotomie
 L&M, for vertical osteotomy
 L&M, para osteotomía vertical
 L&M, pour ostéotomie verticale

21-2834-22
 22 cm/8 3/4"
 14,5 mm

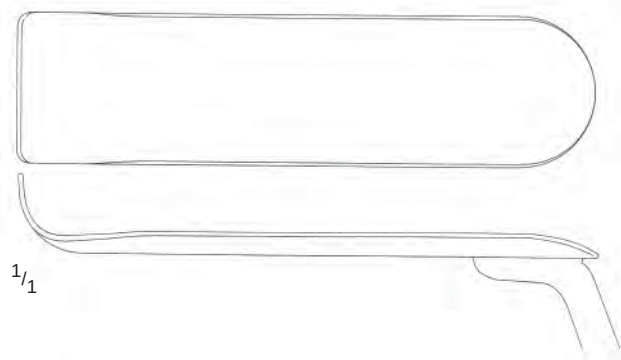


Shea

Mehrzweck-Retraktor
 Multi Purpose Retractor
 Separador de aplicaciones varias
 Rétracteurs pour applications différentes
 Separatore multiuso



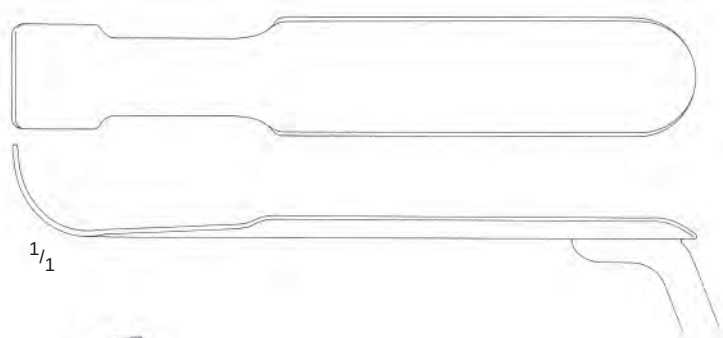
mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
 • avec connection lumière froide



21-3110-15
15 cm/6"



Schuchardt



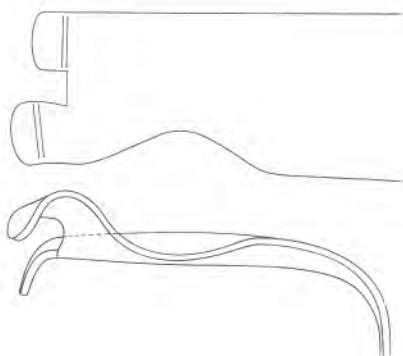
21-3112-15
15 cm/6"



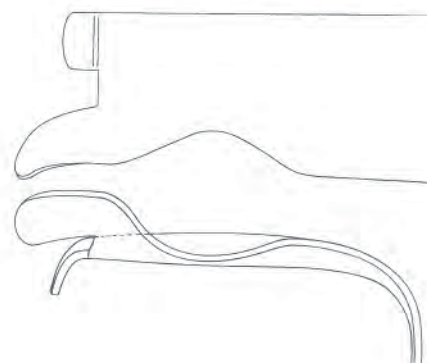
Metz



LeFort I-Haken, Sinushaken
LeFort I Retractors, Sinus Lift Retractors
Ganchos de LeFort I, Ganchos para seno
Crochets de LeFort I, Crochets pour sinus



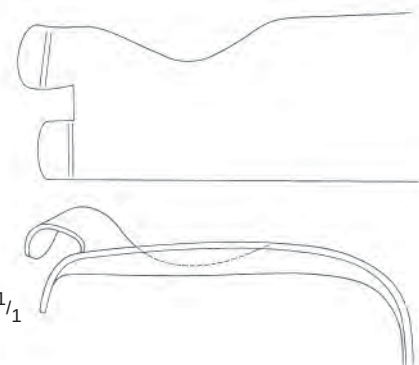
21-3201-22
 links
 left
 izquierdo
 gauche



21-3211-22
 links
 left
 izquierdo
 gauche



$\frac{1}{2}$



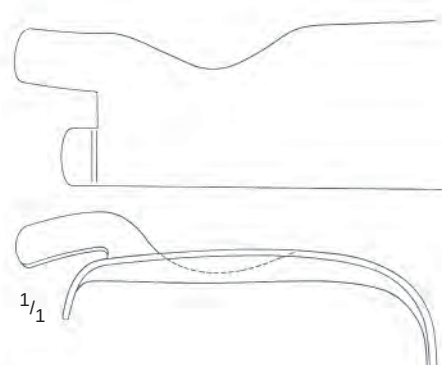
$\frac{1}{1}$

21-3202-22
 rechts
 right
 derecho
 droite

Arnhem
 22 cm/8 $\frac{3}{4}$ "
 LeFort I-Haken
 LeFort I Retractor
 Gancho de LeFort I
 Crochet de LeFort I



$\frac{1}{2}$



$\frac{1}{1}$

21-3212-22
 rechts
 right
 derecho
 droite

Arnhem
 22 cm/8 $\frac{3}{4}$ "
 Sinushaken
 Sinus Lift Retractor
 Gancho para seno
 Crochet pour sinus

اکارتور راموس فکی

Ramushaken

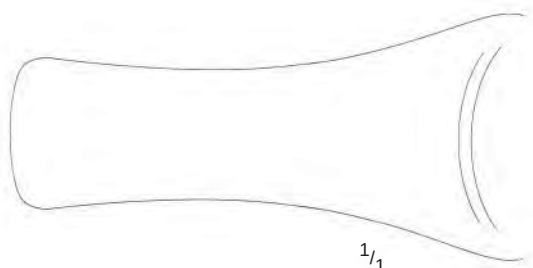
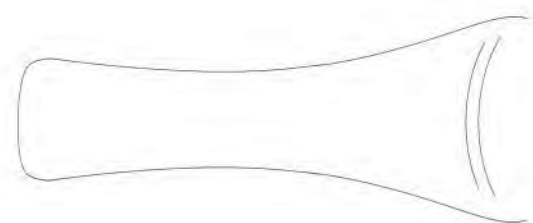
Ramus Retractors

Separadores de rama

Ecarteurs pour ramus



21



$\frac{1}{1}$

21-3414-16
16 cm/6 $\frac{3}{4}$ "



$\frac{1}{2}$

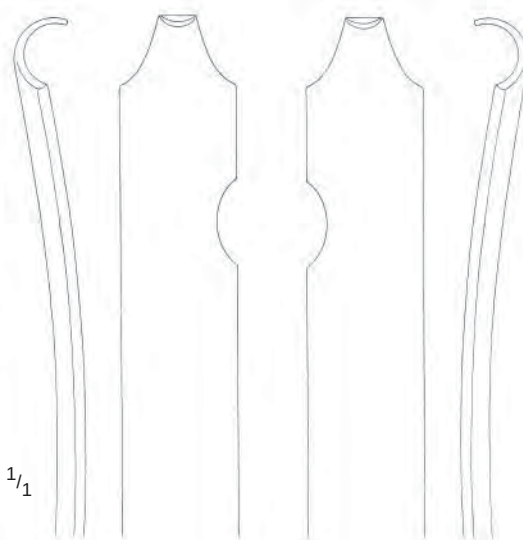
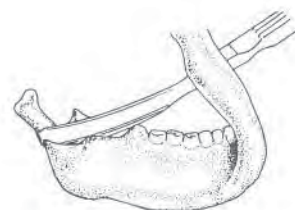
Hargis

Lippen- u. Wangenhalter

Lip and Cheek Retractors

Separadores para labios y mejillas

Ecarteurs pour lèvres et joues



$\frac{1}{1}$

21-3420-19
19,5 cm/7 $\frac{3}{4}$ "

rechts
right
derecho
droite

21-3422-19
19,5 cm/7 $\frac{3}{4}$ "

links
left
izquierdo
gauche

$\frac{1}{2}$

Hargis

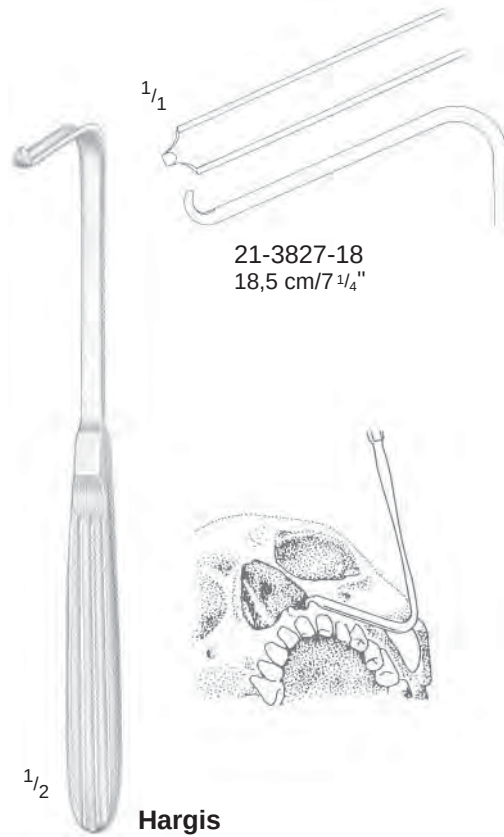
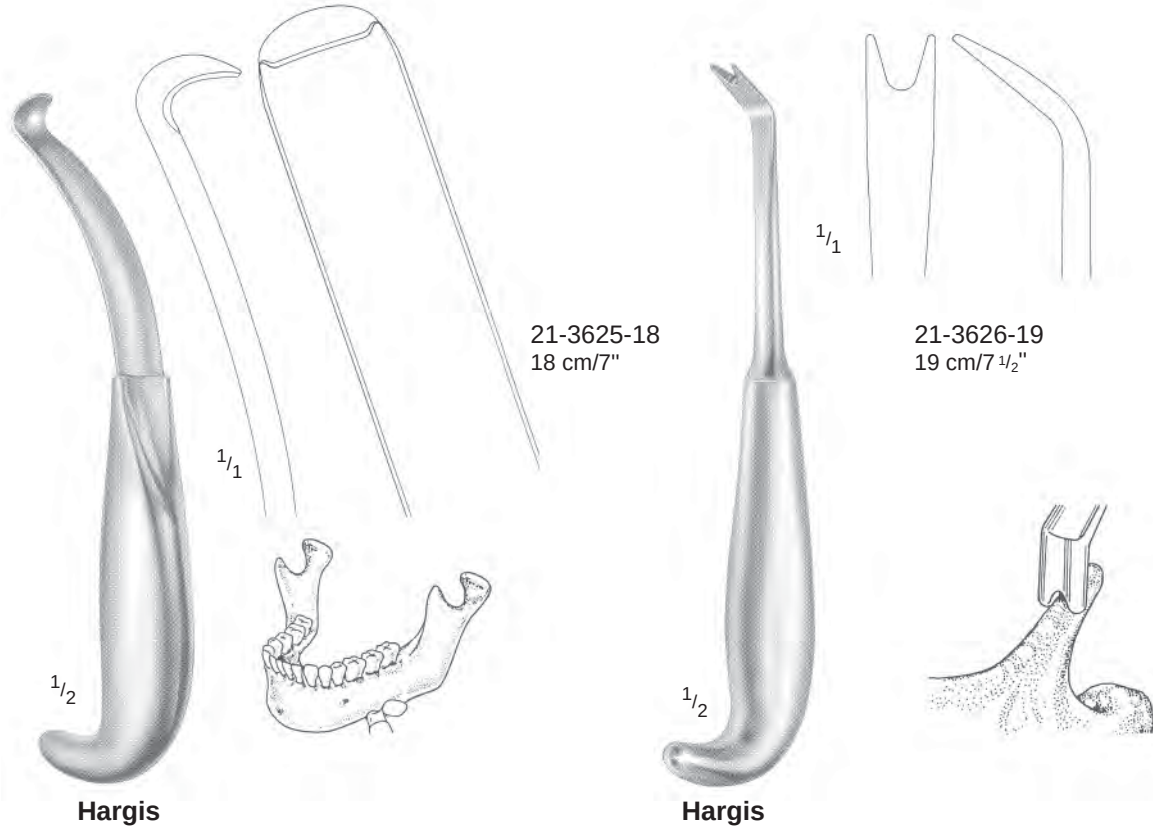
الویتور فکی - اکارتور ماندیبولار

Unterkieferkörperhaken, Vorderrandstripper

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

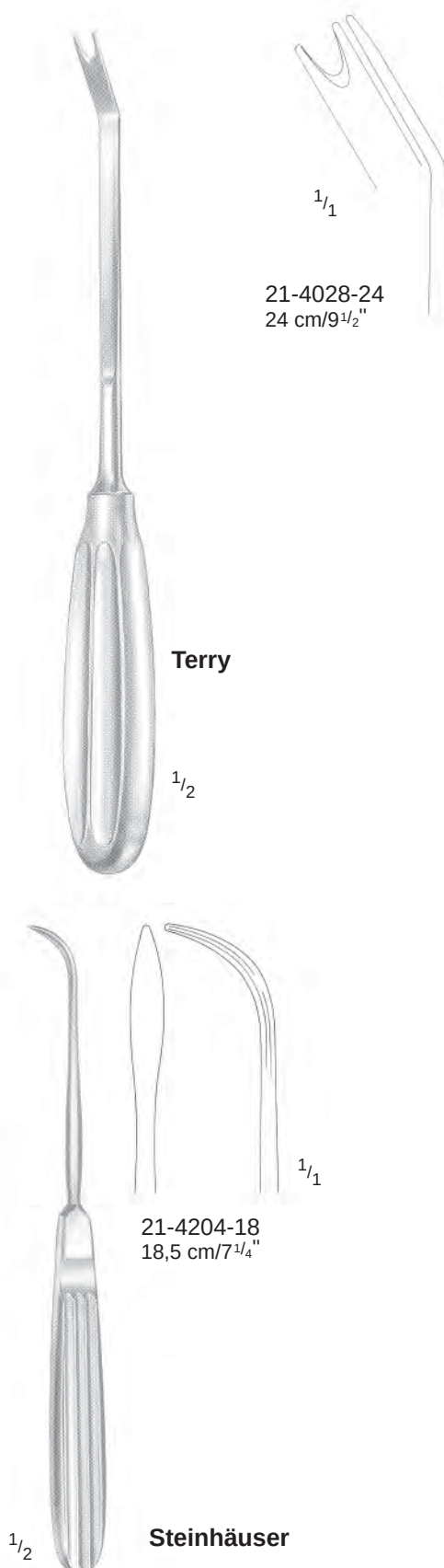


Unterkieferhaken, Ramusschieber
Channel Retractors, Ramus Pusher
Gancho mandibular, Corredora de rama
Crochet mandibulaire, Manipulateur pour ramus

اکارتور الویتور چنل
Unterkieferhaken, Elevatorien
Channel Retractors, Elevators
Separador mandibular, Elevadores
Crochet pour mandibule, Elévateurs



21

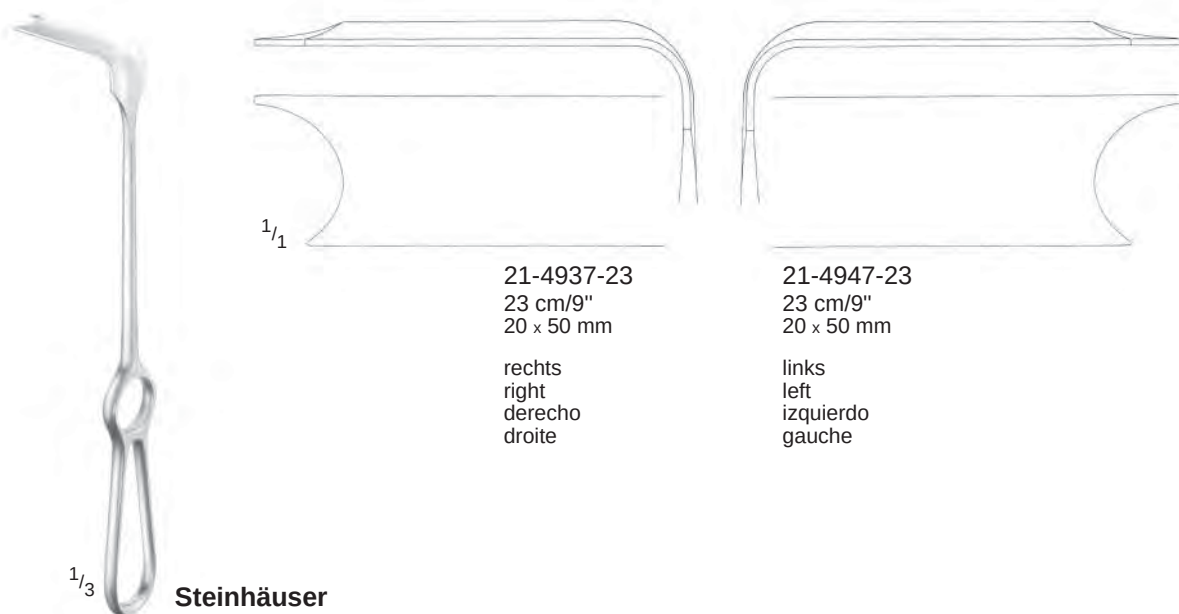


اکارتور و الویتور زایگوماتیک

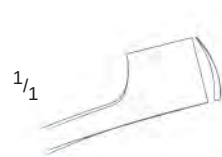
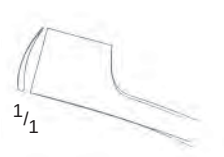
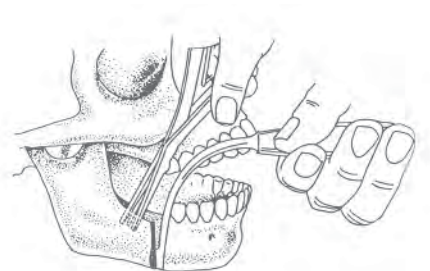
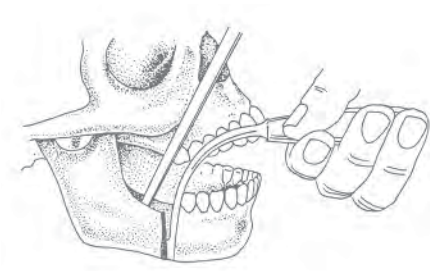
Zygoma-Elevatorien, Wundhaken
 Zygoma Elevators, Retractors
 Elevadores cigomáticos, Separadores
 Elévateurs zygomatiques, Ecarteurs

Zygoma-Wundhaken
 Zygomatic Retractor
 Separador cigomático
 Ecarteur cygomatique

Jochbogenelevatorien Zygoma Elevators
 Elevadores para zigoma Elévateurs pour l'arcade zygomatique



Sagittalspreizer, Spreizzange
 Sagittal Split Separators, Ramus Separator
 Separadores sagitales, Pinza para separar la rama
 Ecarteurs sagitaux, Pince pour séparer ramus



21-5048-18
 18,5 cm 7¼"
 9 mm
 rechts
 right
 derecho
 droite

Smith



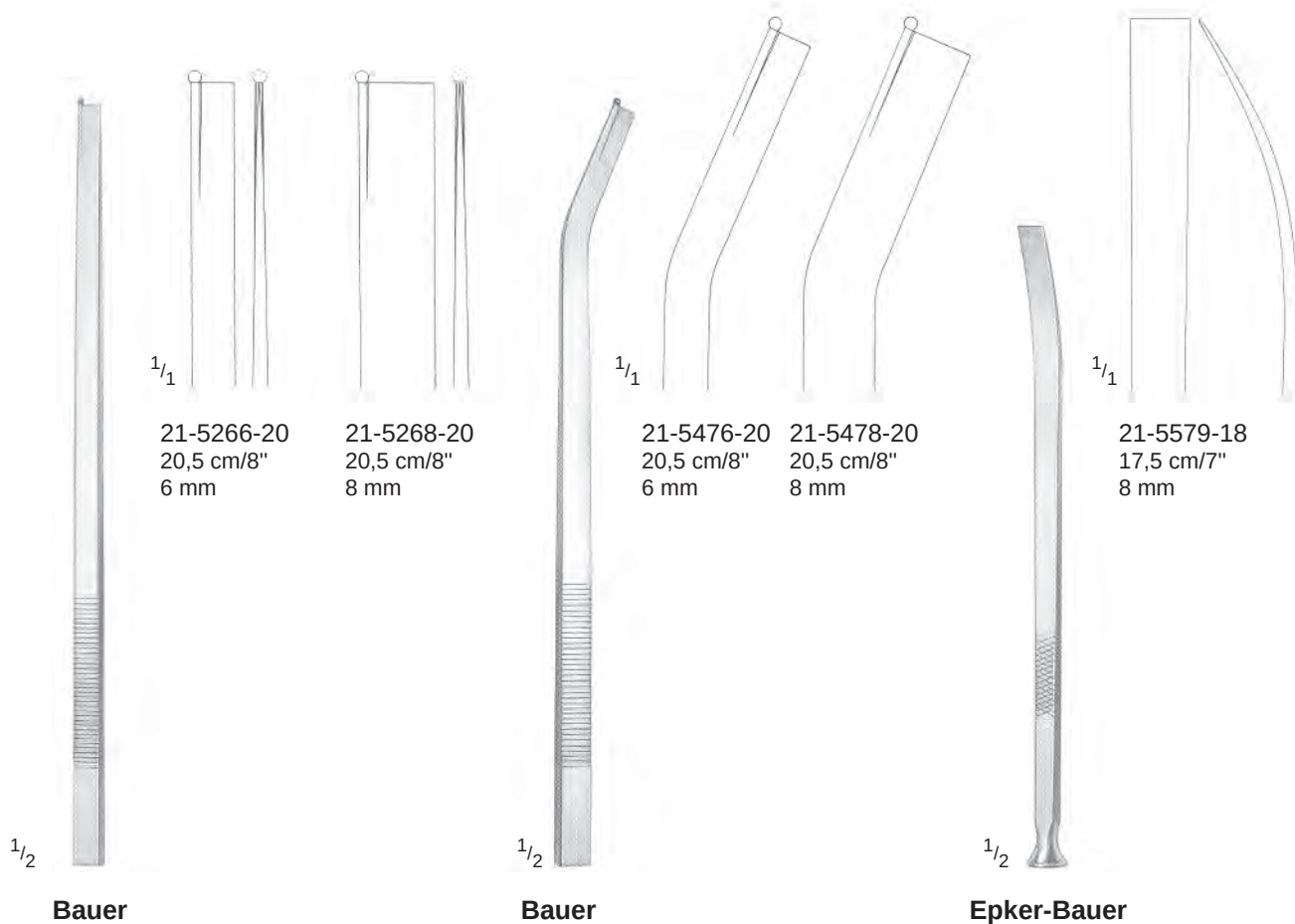
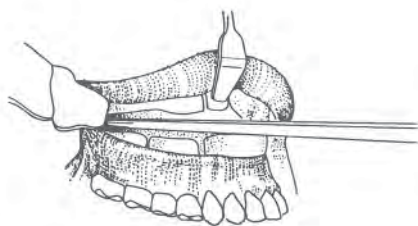
21-5059-18
 18,5 cm 7¼"
 9 mm
 links
 left
 izquierdo
 gauche

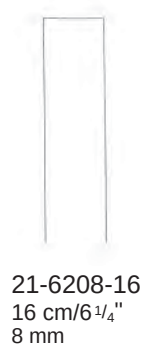
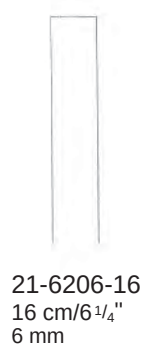
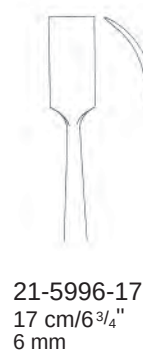
Smith

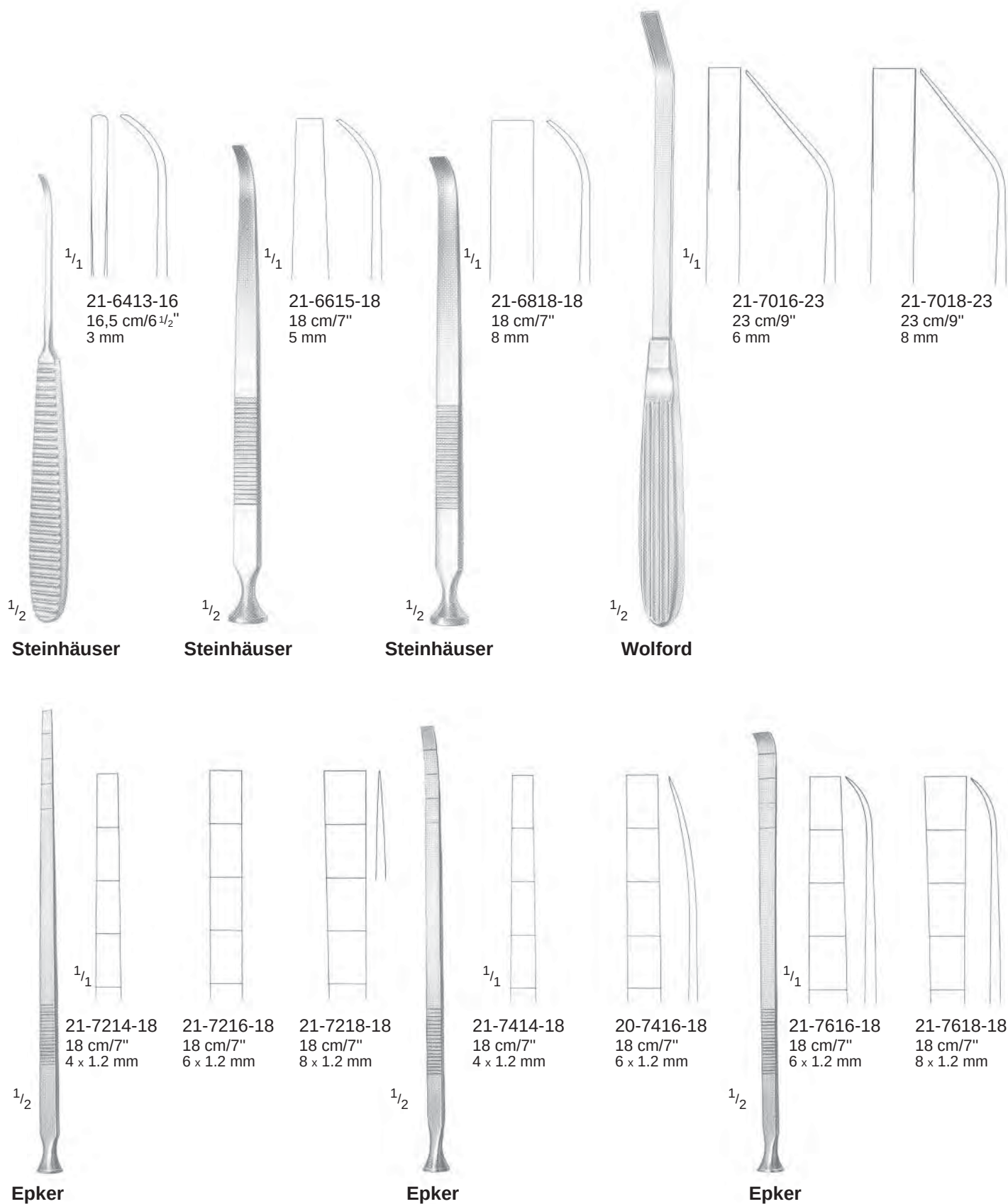


21-5260-23
 23,5 cm 9¼"

Smith

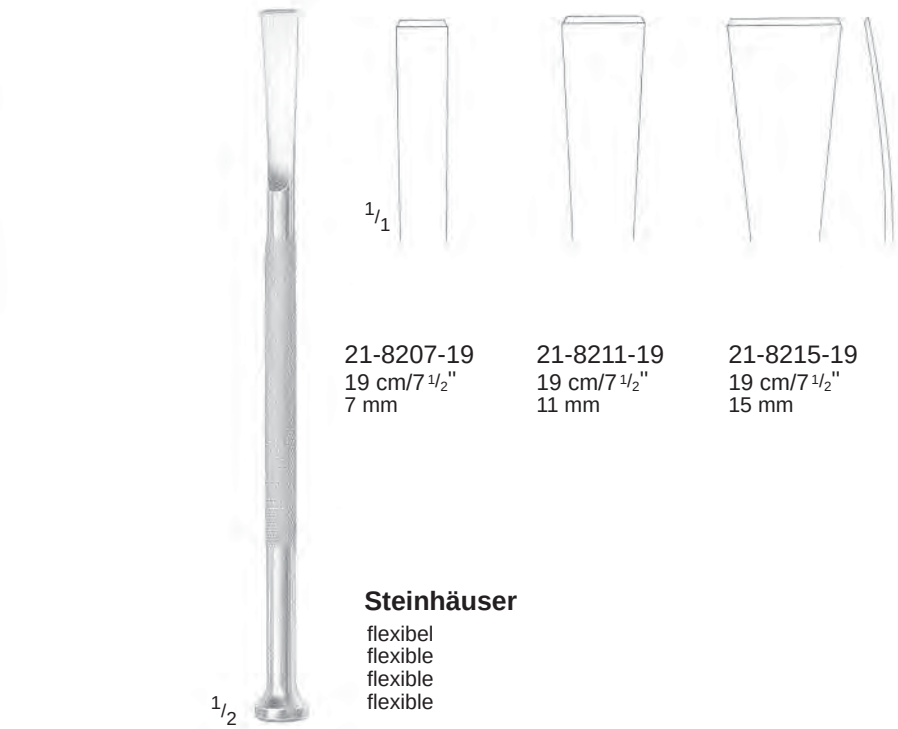
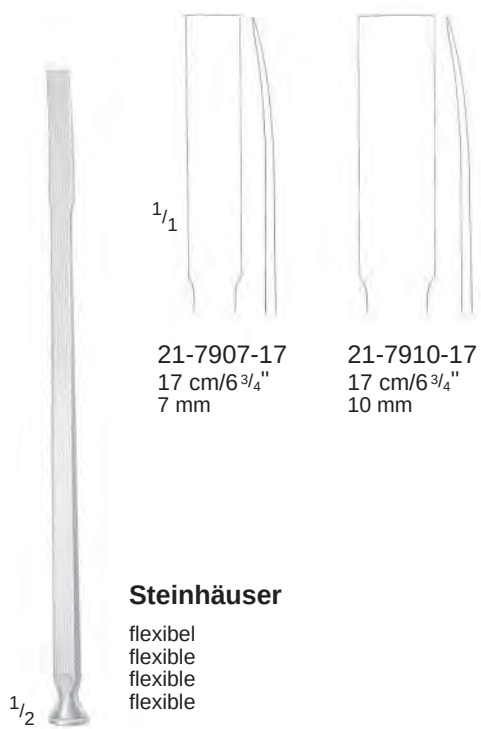
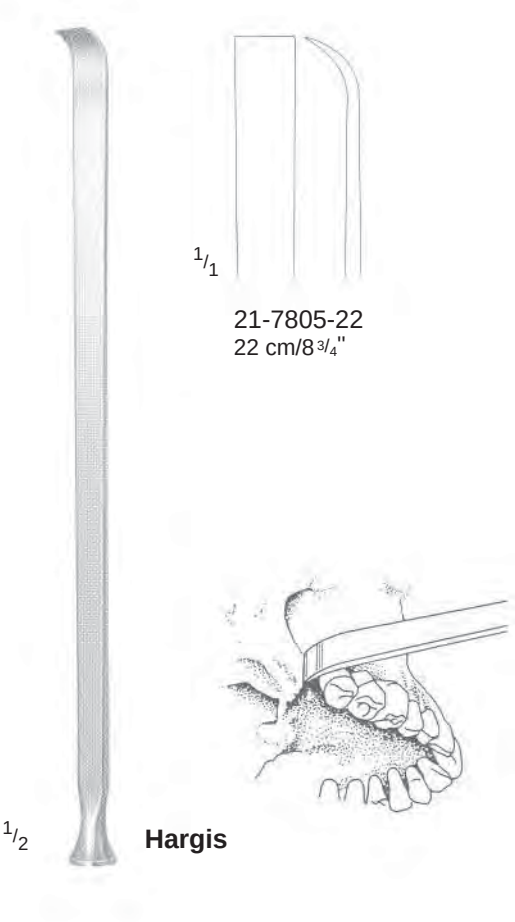






Pterygoideus-Osteotom
 Pterygoid Osteotome
 Osteótomo pterigoideo
 Ostéotome ptérygoïde

Ramusosteotome, Meißel
 Ramus Osteotomes, Chisels
 Osteótomos de rama, Cinceles
 Ostéotome pour ramus, Ciseaux-burins





Marchac
21-8356-16

Frontschablonen
Frontal Templates
Plantillas frontales
Gabarit frontal
für Kleinkinder
for infants
para bebés
pour bébés



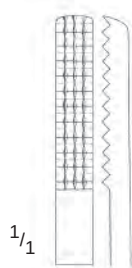
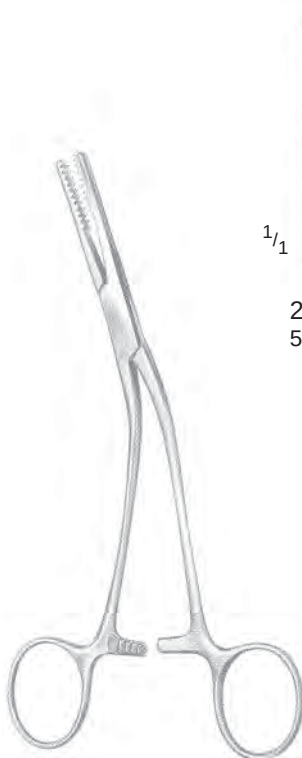
Marchac
21-8358-16

Frontschablonen
Frontal Templates
Plantillas frontales
Gabarit frontal
für Kinder und Erwachsene
for children and adults
para niños y adultos
pour enfants et adultes



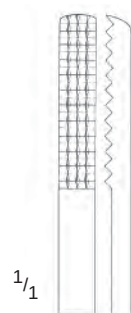
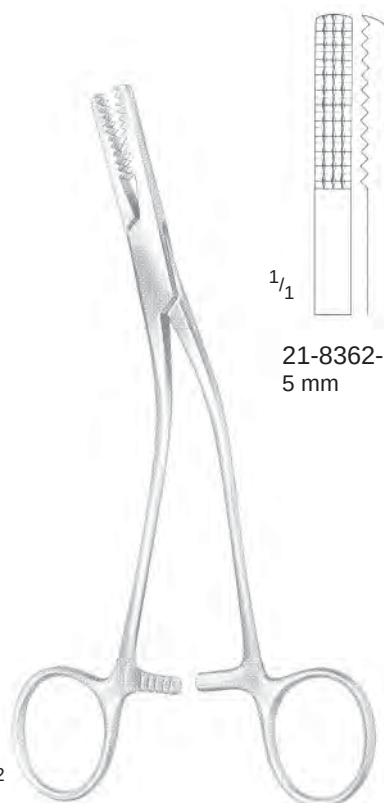
Marchac
21-8360-16
16 cm/6 1/4"

Supraorbital-Schablone
Supraorbital Template
Plantilla supraorbital
Gabrit supra-orbital
1,9 mm Ø



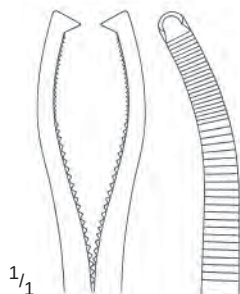
21-8362-16
5 mm

Tessier
16,5 cm/6 1/2"

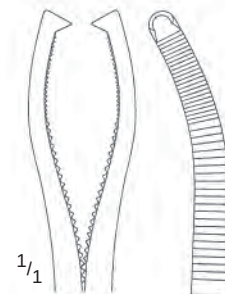


21-8362-18
5 mm

Tessier
18 cm/7"



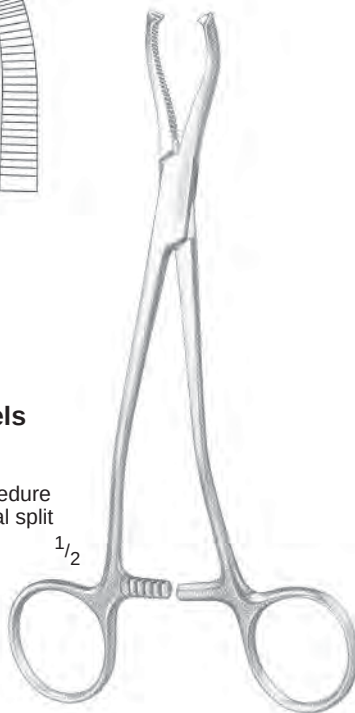
21-8416-18
leichtes Modell
light pattern
modelo ligero
modèle léger



21-8417-18
kräftiges Modell
heavy pattern
modelo fuerte
modèle fort

Jeter-Van Sickels

18 cm/7"
für sagittalen Split
for sagittal split procedure
para uso en el sagital split
pour fente sagittale

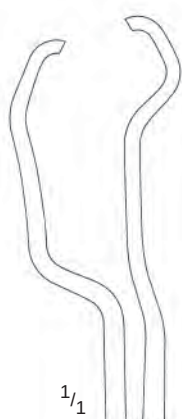


Jeter-Van Sickels

18 cm/7"
für sagittalen Split
for sagittal split procedure
para uso en el sagital split
pour fente sagittale



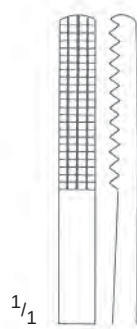
Wolford



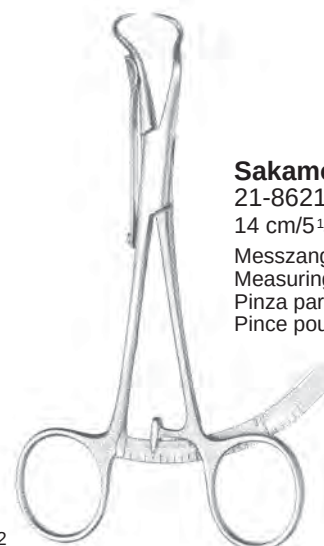
21-8419-25
25 cm/10"



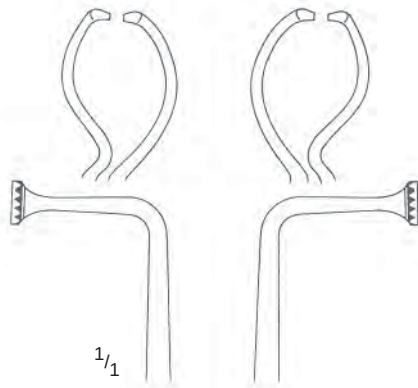
Salyer



21-8520-16
16 cm/6 1/2"



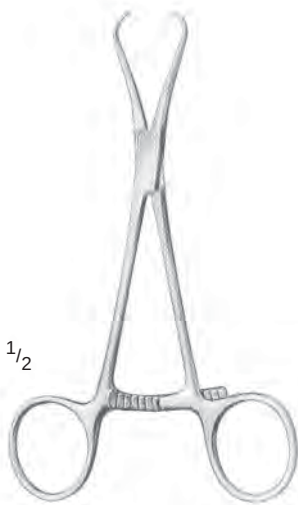
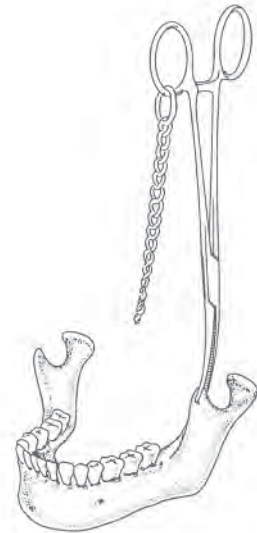
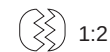
Sakamoto
21-8621-14
14 cm/5 1/2"
Messzange
Measuring Forceps
Pinza para medir
Pince pour mesurer

**Keen**17,5 cm/6³/₄"

21-8722-17

links
left
izquierdo
gauche

21-8732-17

rechts
right
derecho
droite**Steinhäuser**21-8833-13
13 cm/5"**Steinhäuser**21-8934-13
13 cm/5"**Hargis**21-8937-19
19 cm/7¹/₂"**Hergis**
21-8940-19

1:2

mit Kette
with chain
con cadena
avec chaîneKette, allein
Retractor Chain, only
Cadena, suelta
Chaîne, seule

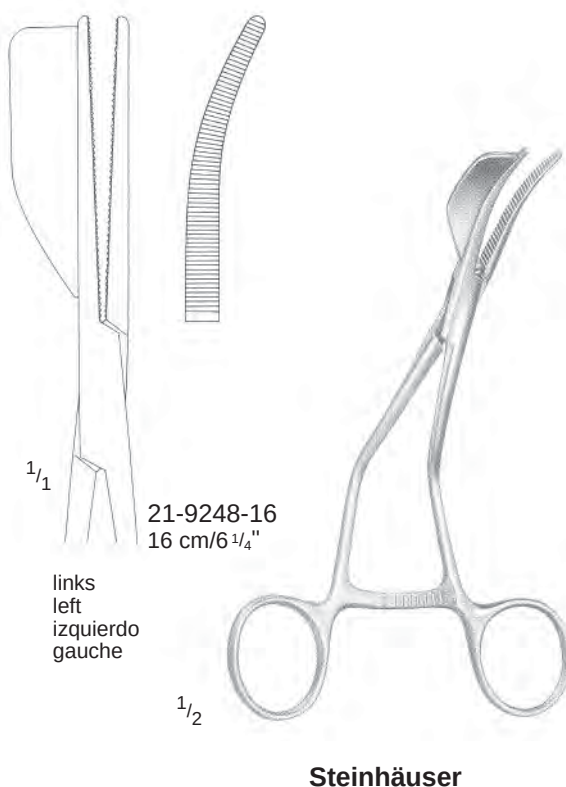
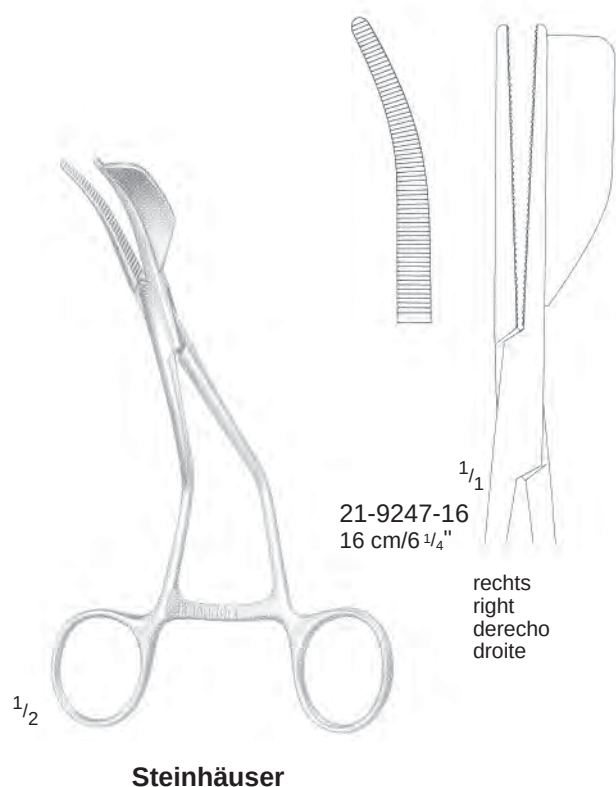
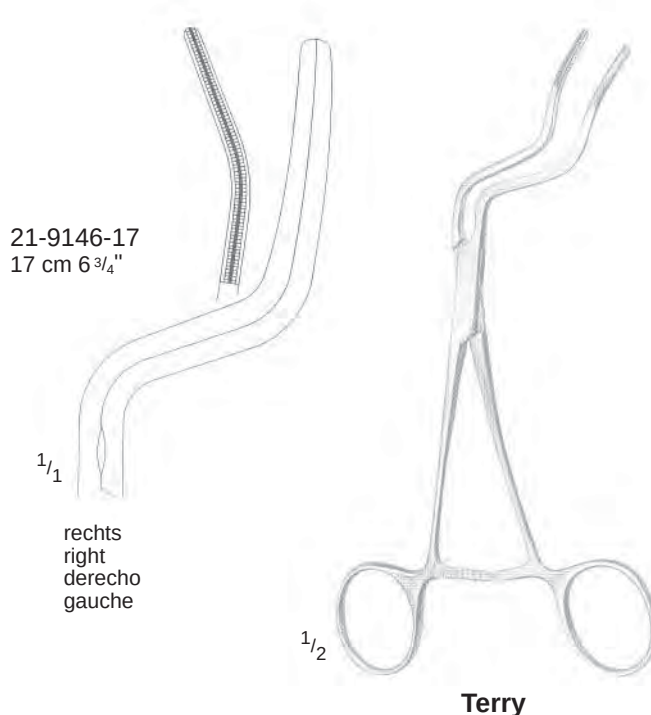
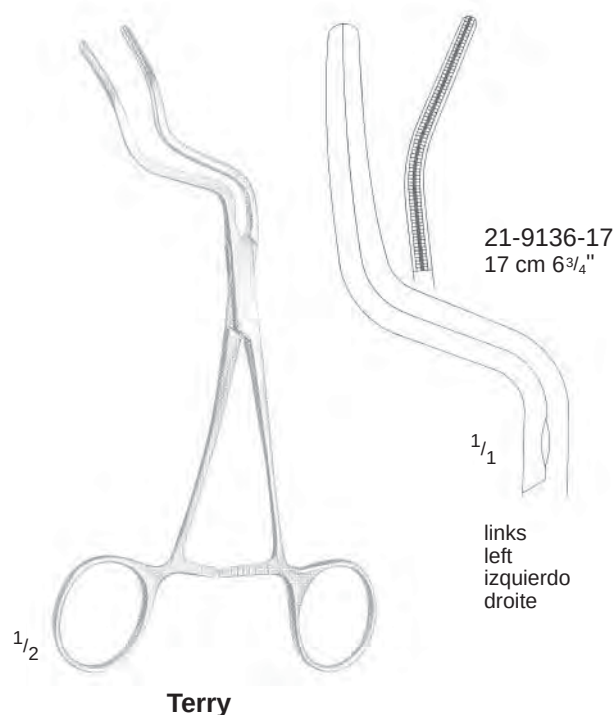
21-8937-19

Mylohyoideusklemmen
Mylohyoid Muscle Clamps
Pinzas para el músculo milohioideo
Clamp mylohyoidal

Ramusklemmen
Ramus Clamps
Pinzas de rama
Clamps pour ramus



21

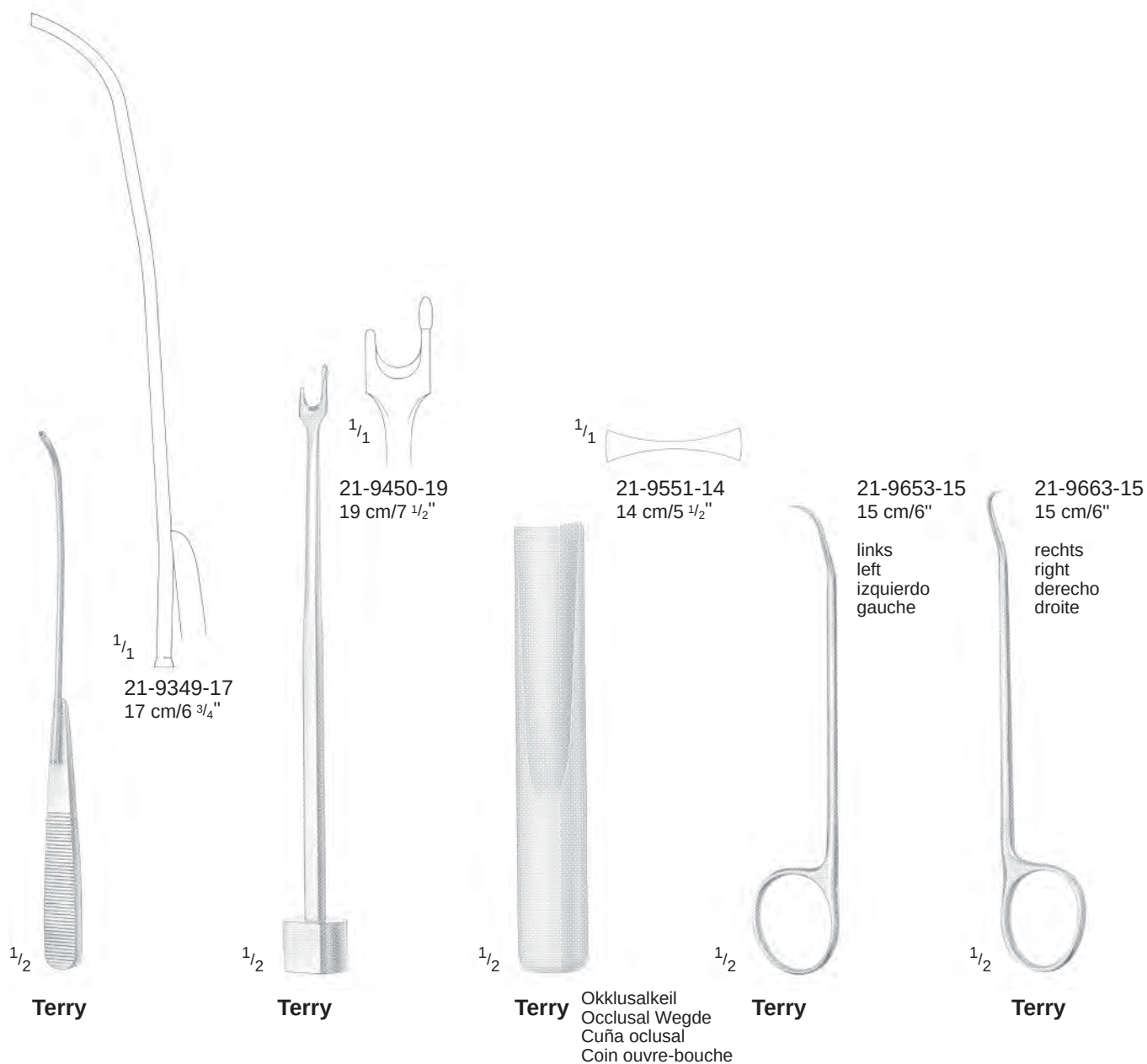


Drahteinführinstrument, Septumosteotom, Ductushaken

Wire Introducer, Septal Osteotome, Duct Retractors

Introduccion de alambre, Osteótomo nasal, Ganchos para el conducto salivar

Introduceur pour fil, Ostéotome nasale, Crochet pour canal salivaire

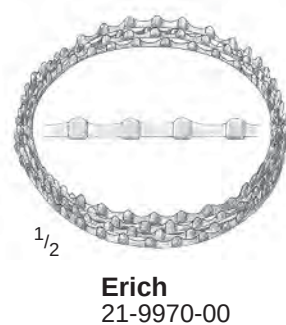
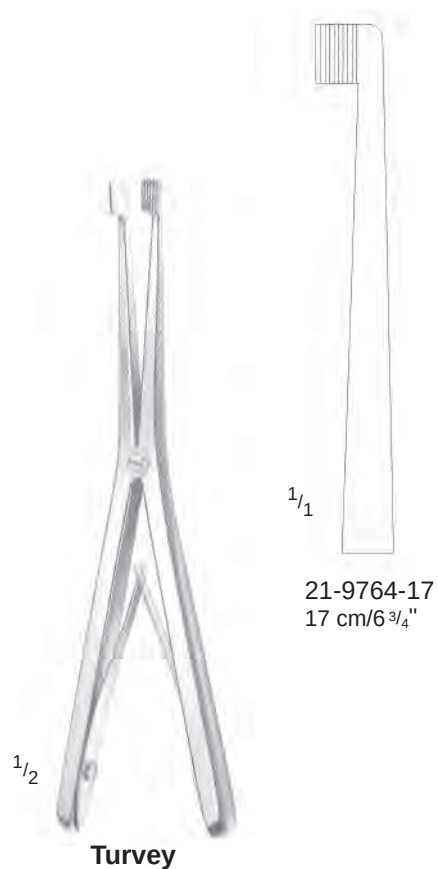
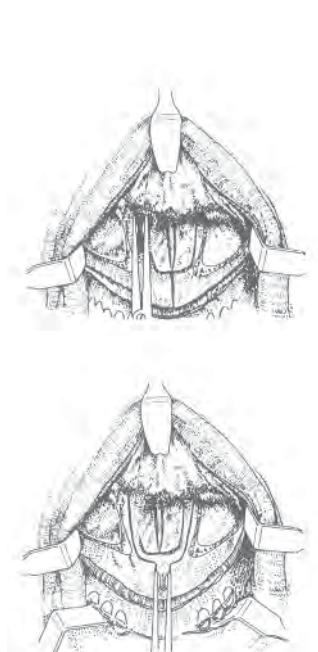


Palatumspreizer
Palatal Expander
Separador paladial
Ecarteur pour ostéotomie palatine

Drahtpositionierer, Drahtbogen
Wire Pushers, Arch Bar
Empujadores de alambres, Arco de alambre
Outil de positionnement, Arc de fil



21



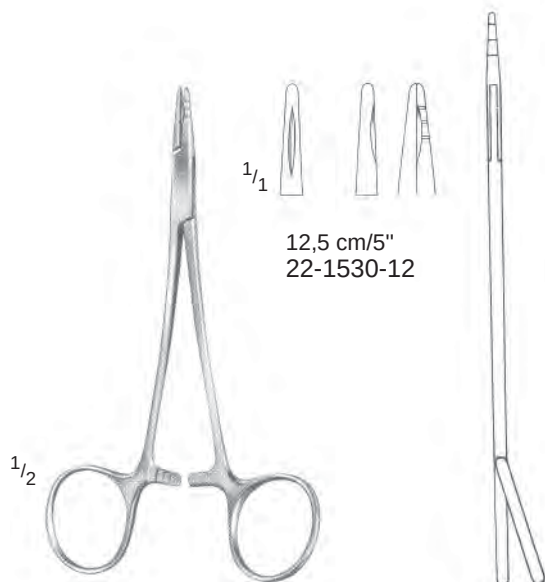


22-A

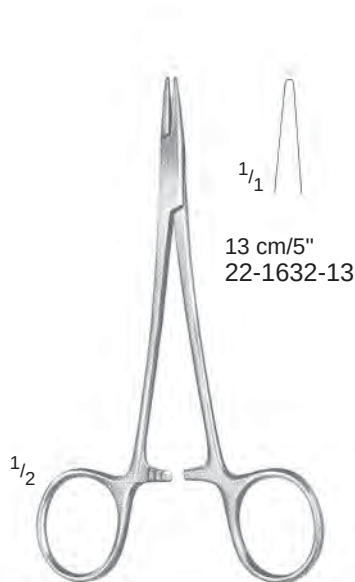
Univer®



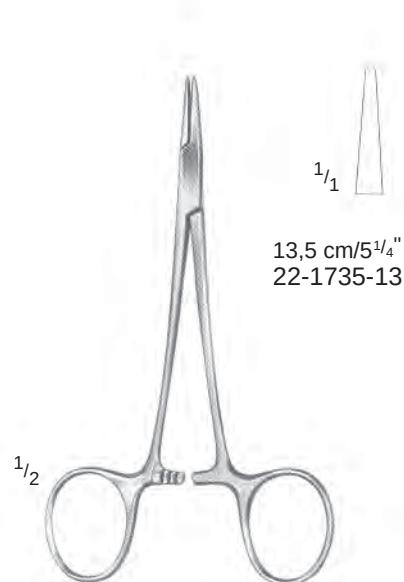
انواع سوزنگیر
Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles

**Neivert**

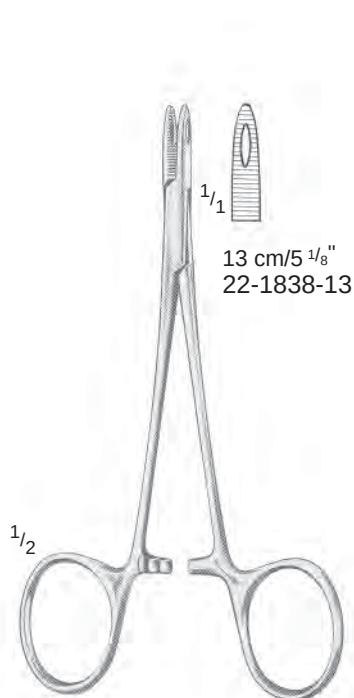
glattes Maul mit Spezialkehlung
smooth jaw, special groove
boca lisa, especialmente acanalada
mors lisse, avec stries spéciales

**Webster**

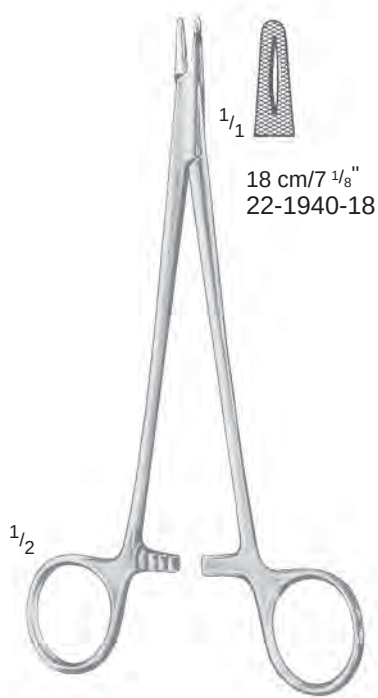
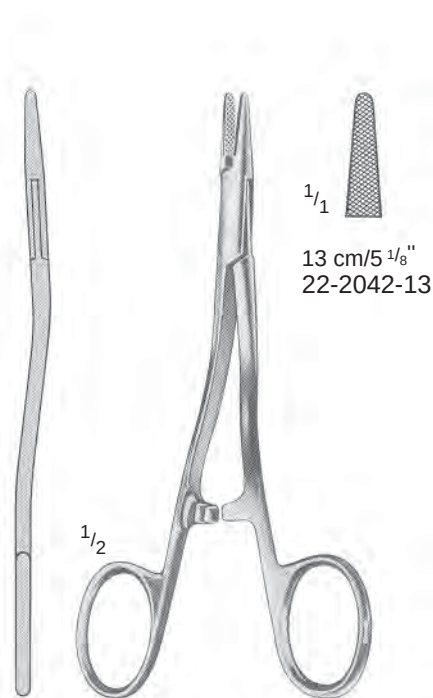
glattes Maul
smooth jaw
boca lisa
mors lisse

**Halsey**

glattes Maul
smooth jaw
boca lisa
mors lisse

**Collier**

mit Längskehle im Maul
grooved jaw
boca acanalada
mors strié

**New orleans****Kilner**



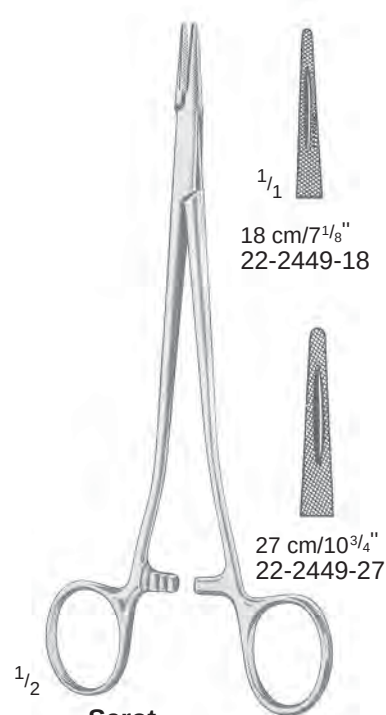
Adson

ein Maulteil gefenstert
one fenestrated jaw
un lado de la boca fenestrada
un côté de mors fenêtré



Metzenbaum

ein Maulteil gekehlt und gefenstert
one grooved and fenestrated jaw
un lado de la boca acanalado y fenestrado
un côté de mors strié et fenêtré



Sarot

schlankes Modell
slender pattern
modelo delgado
modèle gracile



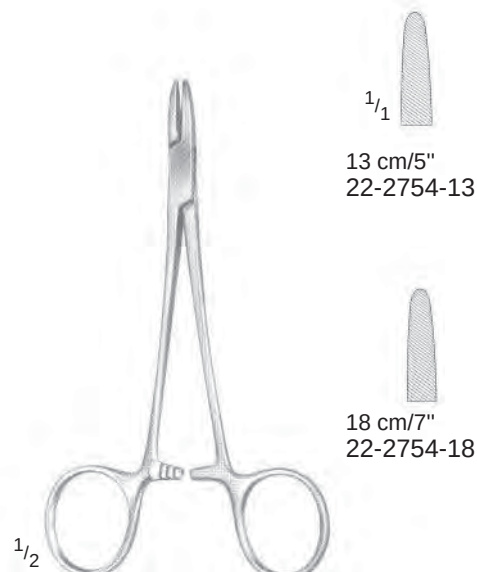
M. G. Hospital

kräftiges Modell
heavy pattern
modelo fuerte
modèle fort



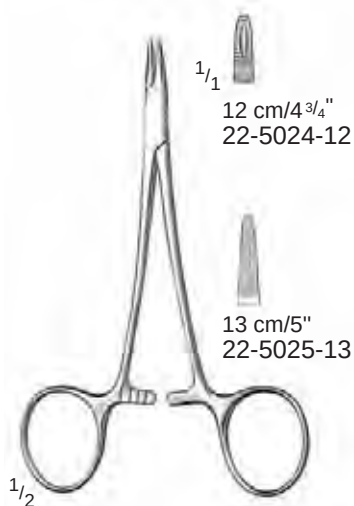
Crile-Murray

schlankes Modell
slender pattern
modelo delgado
modèle gracile



Brown

kräftiges Modell
heavy pattern
modelo fuerte
modèle fort
Maul diagonal gerieft
diagonally serrated jaw
boca estriada transversalmente
mors strié transversalement



Derf

ein Maulteil
gefenstert
one fenestrated jaw
un lado de la boca
fenestrada
un côté de mors
fenêtré

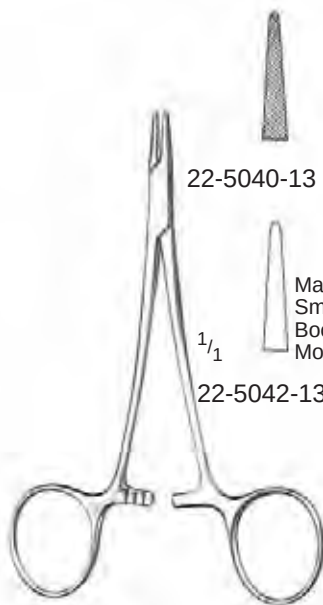
längsgerieftes Maul
jaw with longitudinal
serration
boca con estrías
longitudinales
mors avec rainures
longitudinales

12 cm/4 3/4"

22-5024-12

13 cm/5"

22-5025-13



Derf (Halsey)
13 cm/5"

22-5040-13

22-5042-13

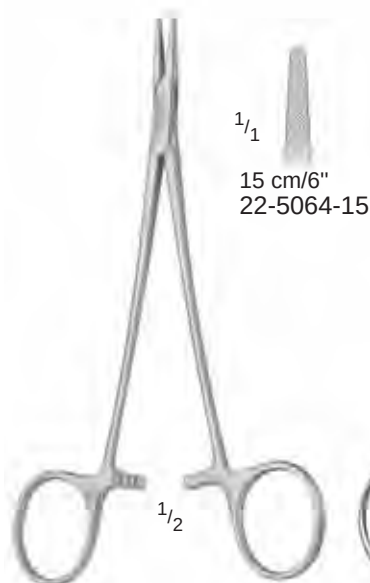
Maul glatt
Smooth jaws
Bocas lisas
Mors lisses



Doyen

13 cm/5 1/8"

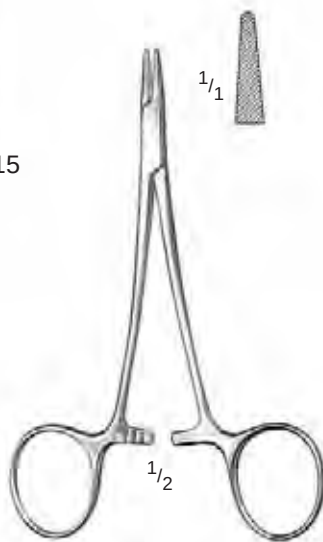
22-5044-13



Lawrance

15 cm/6"

22-5064-15



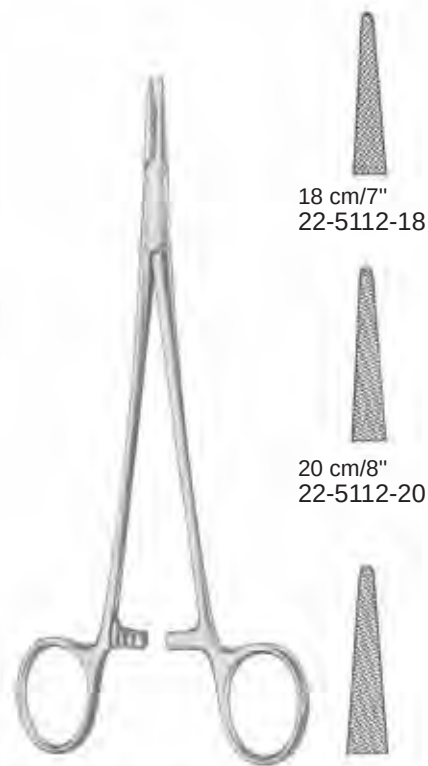
Baumgartner
14,5 cm/5 3/4"

22-5100-13



Crile-Wood

15 cm/6" 22-5102-15
20 cm/8" 22-5102-20



Crile-Wood

18 cm/7"

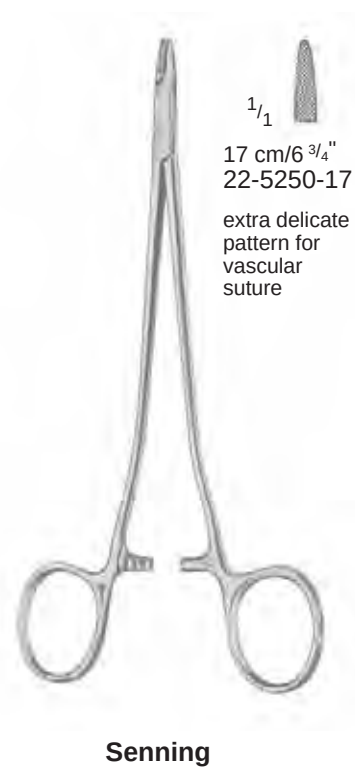
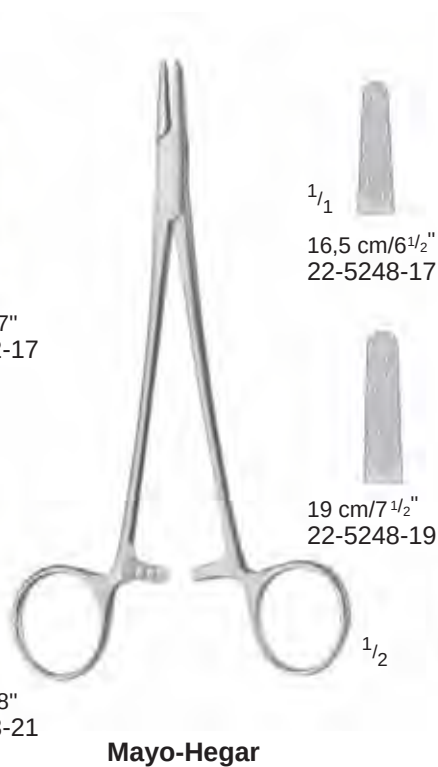
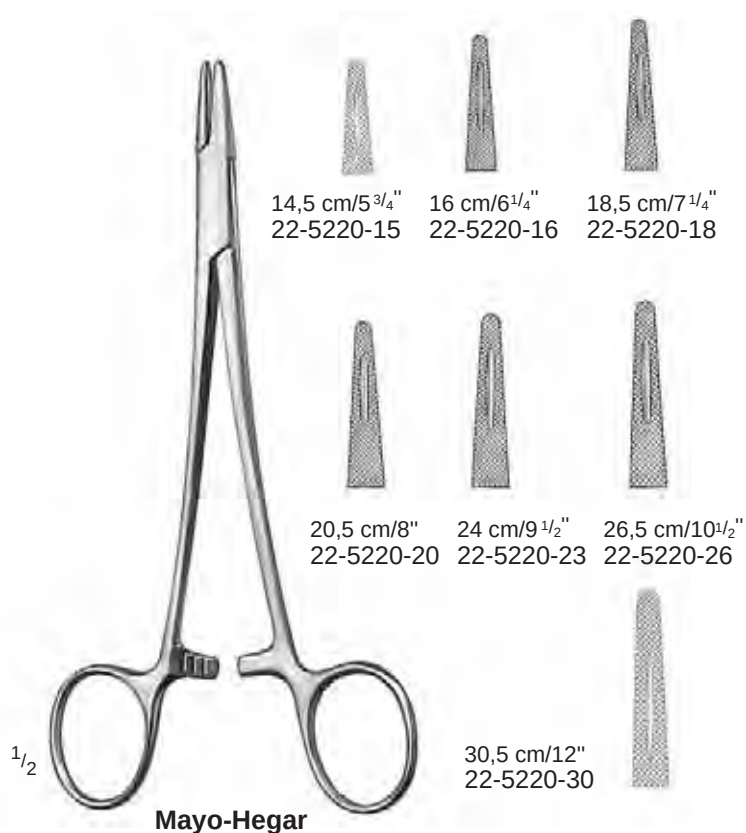
22-5112-18

20 cm/8"

22-5112-20

23 cm/9"

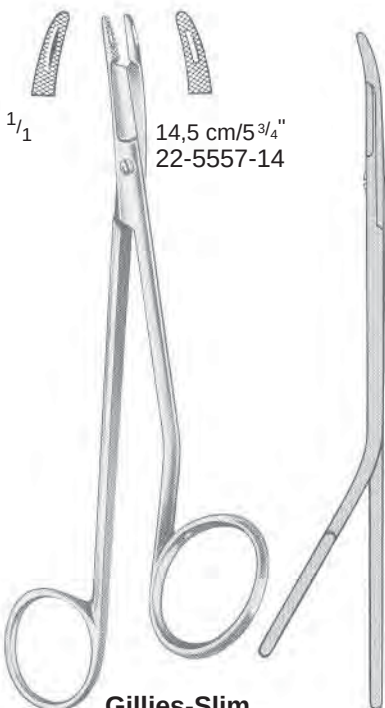
22-5112-23





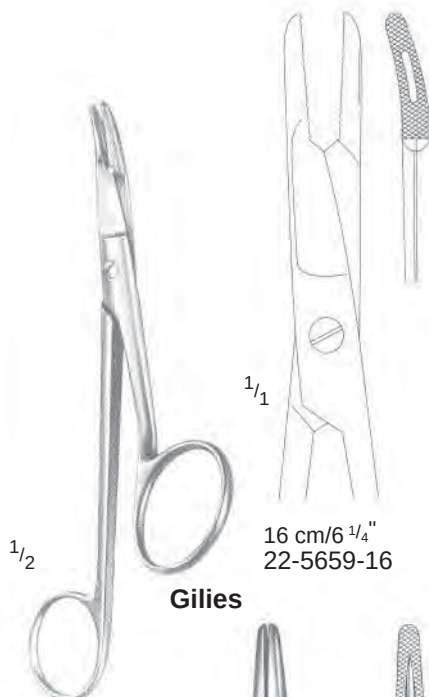
14 cm/5 1/2"
22-5453-14
17 cm/6 3/4"
22-5453-17

Olsen-Hegar
19 cm/7 1/2"
22-5453-19



14,5 cm/5 3/4"
22-5557-14

Gillies-Slim



1/1

1/2

Gilies

16 cm/6 1/4"
22-5659-16



1/1

26,5 cm/10 1/2"
22-6264-27

Masson



1/1

20,5 cm/8"
22-5860-21

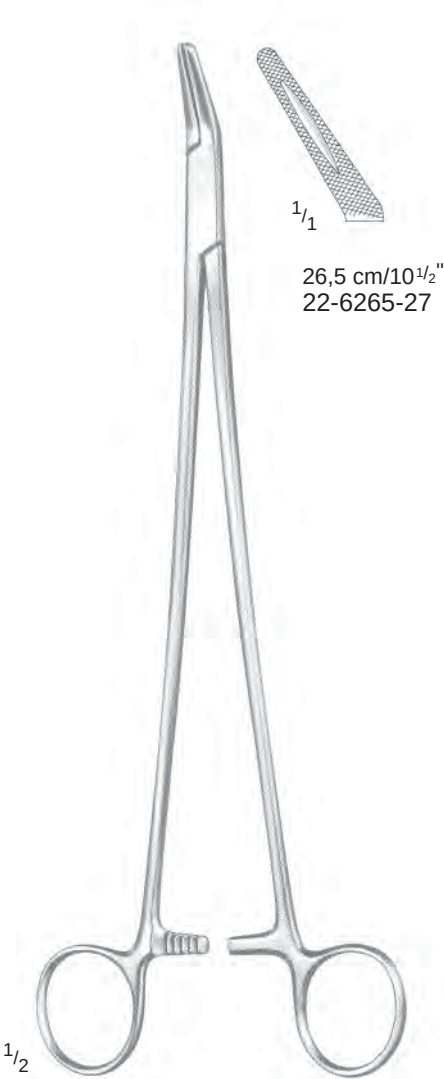
Heaney



1/1

23,5 cm/9 1/4"
22-6062-23

Jamison



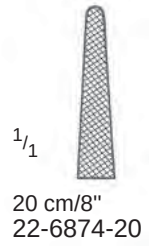
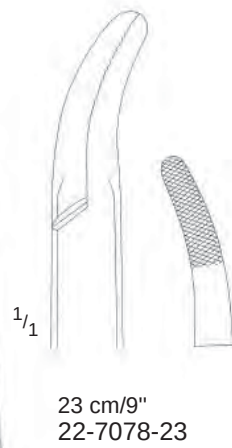
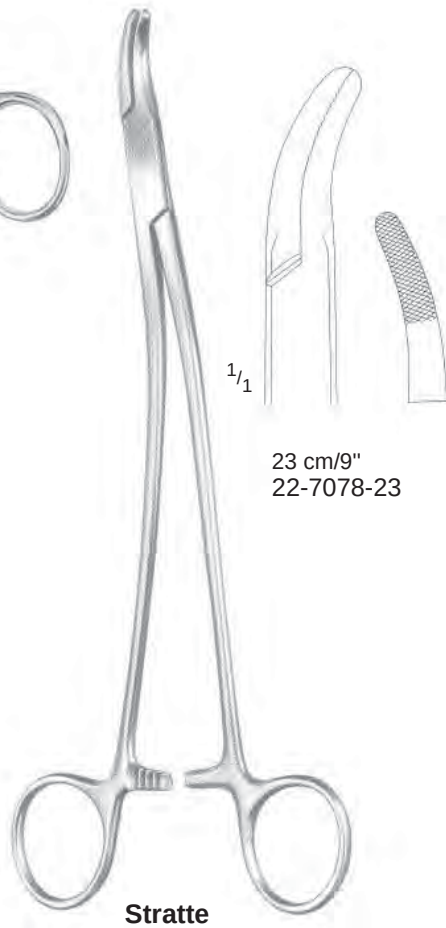
Finochietto

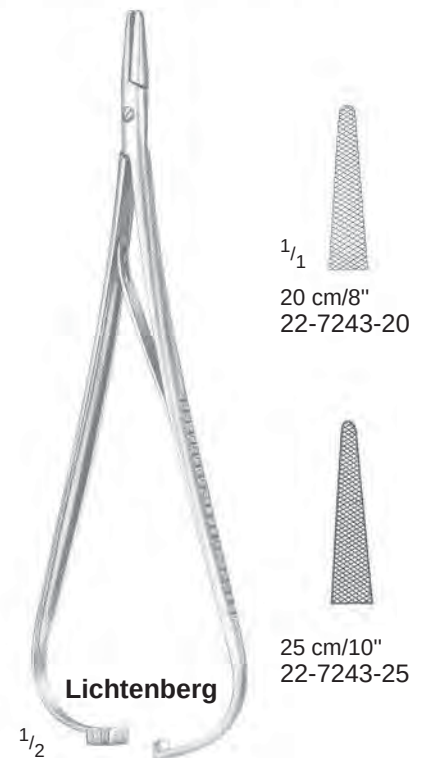
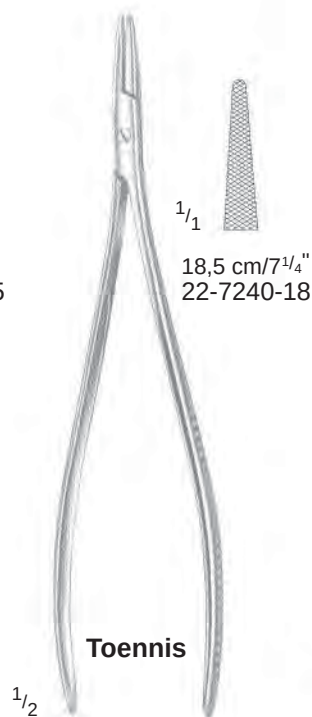
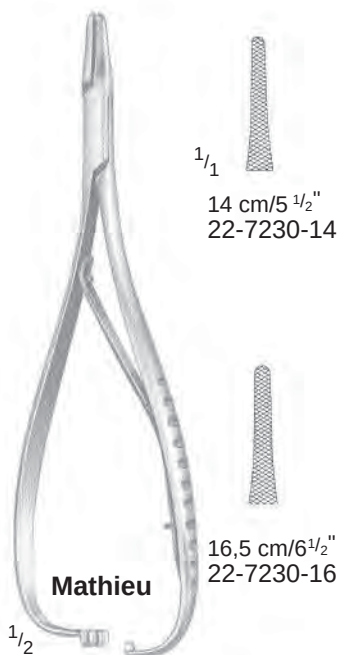
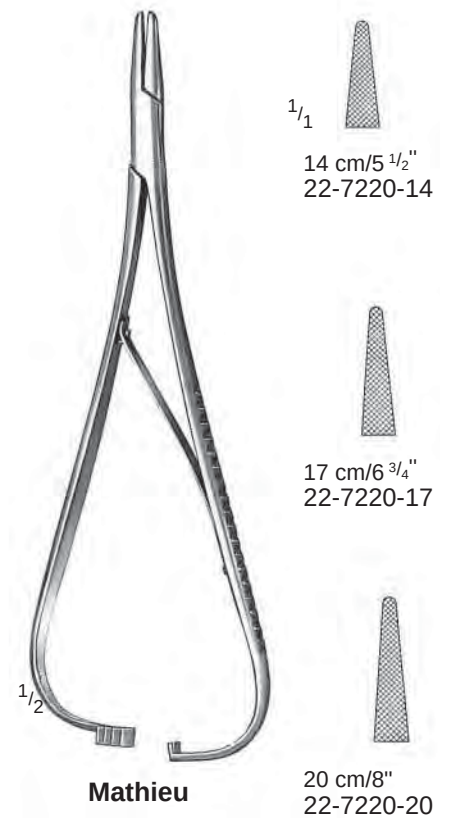
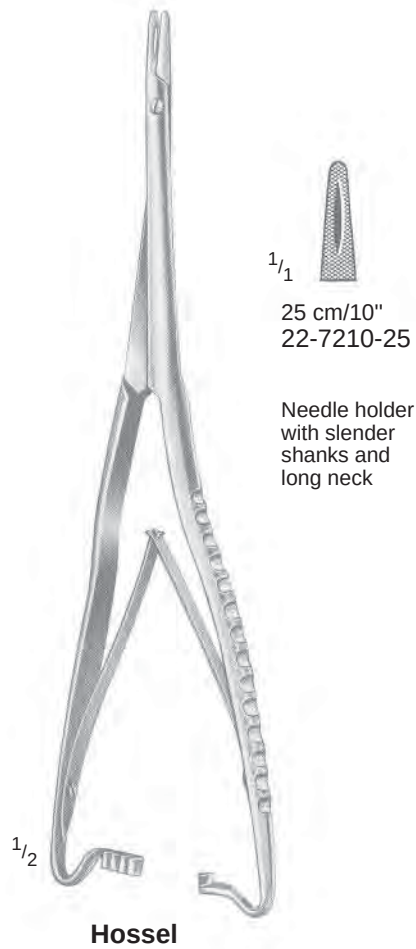
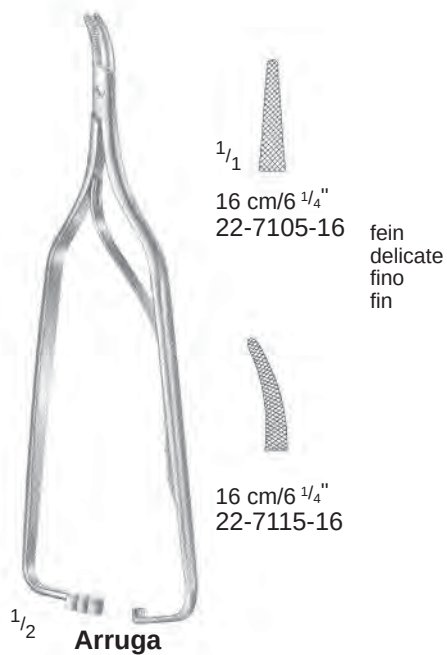


Wangensteen



Johnson





22
A

Univer

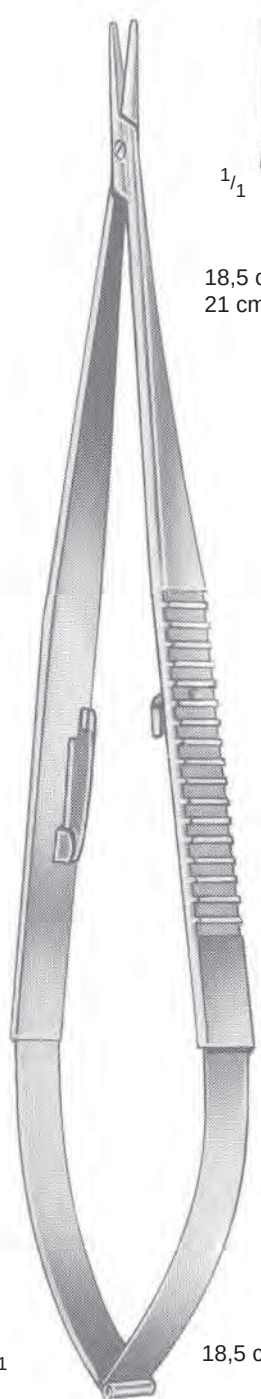
سوزنگیر میکروفنری

Mikro-Nadelhalter

Micro-Needle Holders

Micro Porta-agujas

Micro Porte-aiguilles



$\frac{1}{1}$

18,5 cm/7 $\frac{1}{4}$ " 22-7233-18
21 cm/8 $\frac{1}{4}$ " 22-7233-21

$\frac{1}{1}$

18,5 cm/7 $\frac{1}{4}$ "

Jacobson



$\frac{1}{1}$

16 cm/6 $\frac{1}{4}$ " 22-7416-00
18,5 cm/7 $\frac{1}{4}$ " 22-7418-00

22-7416-01
22-7418-01

$\frac{1}{1}$

16 cm/6 $\frac{1}{4}$ "

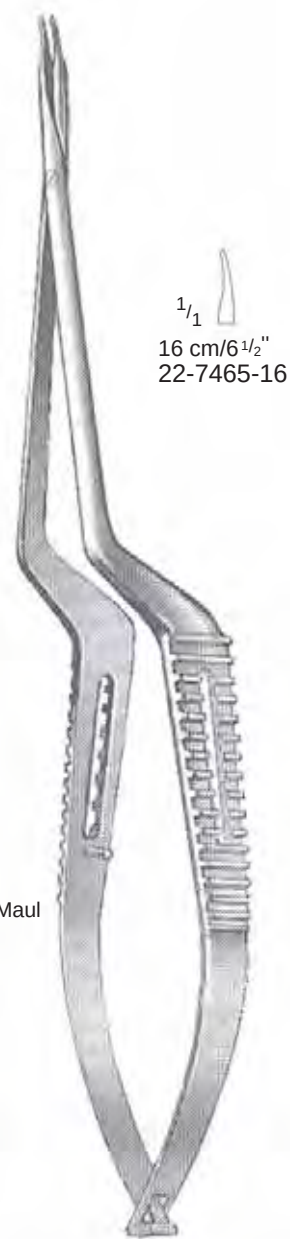
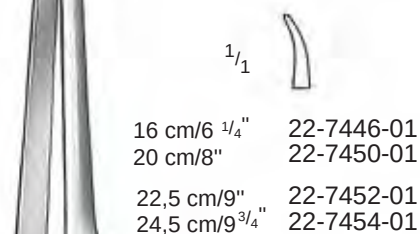
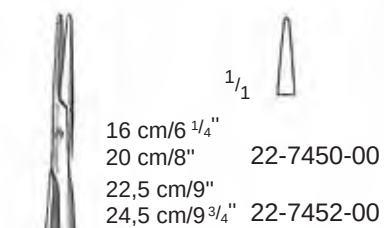
ohne Sperre
without catch
sin cierre
sans arrêt

سوزنگیر میکروفنری بایوتتی

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



22
A



22
A

Univer®

سوزنگیر میکروفنری

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

glattes Maul
smooth jaws
bocas lisas à
mors lisses

10 x 1 mm

10 x 1 mm



1/1

1/1

14 cm/5 1/2" 22-7512-24
17 cm/6 3/4" 22-7512-27

22-7512-25
22-7512-28

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

10 x 1 mm

1/1

1/1

14 cm/5 1/2" 22-7512-26 22-7512-27

Castroviejo delicate
14 cm/5 1/2"
ohne Sperre
without catch
sin cierre
sans verrou



1/1

1/1

14 cm/5 1/2" 22-7513-30 22-7513-31
16 cm/6 1/4" 22-7513-32 22-7513-33
18 cm/7" 22-7513-34 22-7513-35
20 cm/8" 22-7513-36 22-7513-37
23 cm/9" 22-7513-38 22-7513-39

10 x 1 mm

1/1

1/1

14 cm/5 1/2" 22-7514-32 22-7514-33
16 cm/6 1/4" 22-7514-35 22-7514-36
18 cm/7" 22-7514-37 22-7514-38
20 cm/8" 22-7514-40 22-7514-41
23 cm/9" 22-7514-43 22-7514-53

Castroviejo delicate
14 cm/5 1/2"
mit Sperre
with catch
con cierre
à verrou

سوزنگير ميكروفنرى

Mikro-Nadelhalter

Micro-Needle Holders

Micro Porta-agujas

Micro Porte-aiguilles



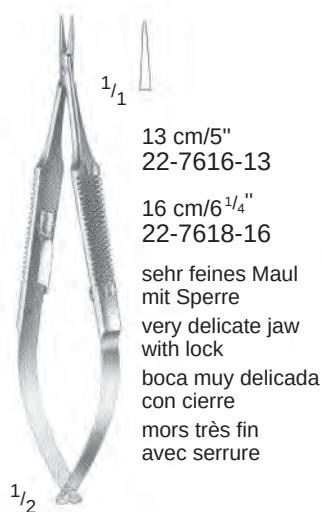
22
A



Barraquer



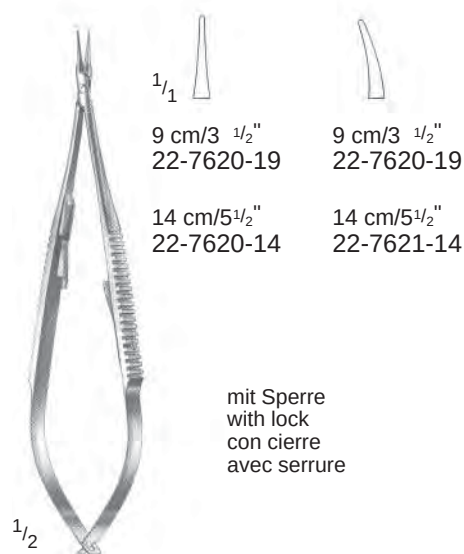
Castroviejo-Fino



Castroviejo-Fino



Castroviejo-Fino



Castroviejo-Fino



Castroviejo-Fino



Yashargil

سوزنگير ميكروفنرى

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

 $\frac{1}{1}$

12 cm/4 $\frac{3}{4}$ "
22-7632-12

mit Sperre
with lock
con cierre
avec serrure

 $\frac{1}{2}$

Castroviejo

 $\frac{1}{1}$

12 cm/4 $\frac{3}{4}$ "
22-7642-12

mit Sperre
with lock
con cierre
avec serrure

 $\frac{1}{2}$

Castroviejo

9 x 0,5 mm

 $\frac{1}{1}$

22-7710-50

glattes Maul
smooth jaws
bocas lisas
à mors lisses

 $\frac{1}{1}$

22-7710-51

 $\frac{1}{1}$

22-7710-52

 $\frac{1}{1}$

22-7710-53

Micro-Barraquer-Troutman

10 cm/4"
Ø 6 mm
ohne Sperre
without catch
sin cierre
sans verrou

 $\frac{1}{1}$

9 x 0,5 mm

 $\frac{1}{1}$

22-7710-60

 $\frac{1}{1}$

22-7710-61

 $\frac{1}{1}$

22-7710-62

 $\frac{1}{1}$

22-7710-63

Micro-Barraquer-Troutman

10 cm/4"
Ø 6 mm
mit Sperre
with catch
con cierre
à verrou

 $\frac{1}{1}$

سوزنگير ميكروفنرى

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



22
A

glattes Maul
smooth jaws
bocas lisas
à mors lisses

9 x 0,5 mm



$\frac{1}{1}$

22-7711-50

$\frac{1}{1}$

22-7711-51

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

$\frac{1}{1}$

22-7711-52

$\frac{1}{1}$

22-7711-53

$\frac{1}{1}$

Micro-Barraquer
11,5 cm/4 $\frac{1}{2}$ "
Ø 8 mm
ohne Sperre
without catch
sin cierre
sans verrou

9 x 0,5 mm



$\frac{1}{1}$

22-7711-60

$\frac{1}{1}$

22-7711-61

$\frac{1}{1}$

22-7711-62

$\frac{1}{1}$

22-7711-63

$\frac{1}{1}$

Micro-Barraquer
11,5 cm/4 $\frac{1}{2}$ "
Ø 8 mm
mit Sperre
with catch
con cierre
à verrou

22
A

Univer

سوزنگير ميكروفنرى

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

11 x 0,75 mm



glattes Maul
smooth jaws
bocas lisas
à mors lisses

1/1



22-7714-20

1/1



22-7714-21

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

1/1



22-7714-22

1/1



22-7714-23

Barraquer

14 cm/5 1/2"
Ø 8 mm
ohne Sperre
without catch
sin cierre
sans verrou

11 x 0,75 mm



1/1



22-7714-30

1/1



22-7714-31

1/1



22-7714-32

1/1

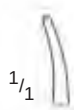


22-7714-33

Barraquer

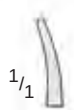
14 cm/5 1/2"
Ø 8 mm
mit Sperre
with catch
con cierre
à verrou

glattes Maul
smooth jaws
bocas lisas
à mors lisses



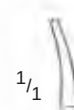
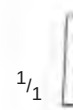
delicate	11 x 0,8 mm		
15 cm/6"	22-7715-20	22-7715-21	
18 cm/7"	22-7718-20	22-7718-21	
micro	11 x 0,4 mm		
15 cm/6"	22-7715-50	22-7715-51	
18 cm/7"	22-7718-50	22-7718-51	

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale



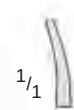
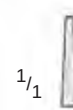
delicate	11 x 0,8 mm		
15 cm/6"	22-7715-22	22-7715-23	
18 cm/7"	22-7718-22	22-7718-23	
micro	11 x 0,4 mm		
15 cm/6"	22-7715-52	22-7715-53	
18 cm/7"	22-7718-52	22-7718-53	

Micro
15 cm/6" Ø 8 mm
18 cm/7" Ø 9 mm
ohne Sperre
without catch
sin cierre
sans verrou



delicate	11 x 0,8 mm		
22-7715-30	22-7715-31		
22-7718-30	22-7718-31		
micro	11 x 0,4 mm		
22-7715-60	22-7715-61		
22-7718-60	22-7718-61		

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale



delicate	11 x 0,8 mm		
22-7715-32	22-7715-33		
22-7718-32	22-7718-33		
micro	11 x 0,4 mm		
22-7715-62	22-7715-63		
22-7718-62	22-7718-63		

Micro
15 cm/6" Ø 8 mm
18 cm/7" Ø 9 mm
mit Sperre
with catch
con cierre
à verrou

22
A

Univer®

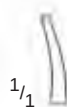
سوزنگیر میکروفنری

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



delicate 12 x 1,0 mm

glattes Maul
smooth jaws
bocas lisas
à mors lisses



21 cm/8 1/4"

22-7721-20

22-7721-21

23 cm/9"

22-7723-20

22-7723-21

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale



21 cm/8 1/4"

22-7721-22

22-7721-23

23 cm/9"

22-7723-22

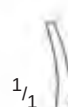
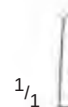
22-7723-23

Micro
Ø 9 mm
21 cm/8 1/4"
23 cm/9"
ohne Sperre
without catch
sin cierre
sans verrou



delicate 12 x 1,0 mm

glattes Maul
smooth jaws
bocas lisas
à mors lisses



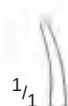
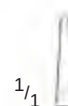
22-7721-30

22-7721-31

22-7723-30

22-7723-31

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale



22-7721-32

22-7721-33

22-7723-32

22-7723-33

Micro
Ø 9 mm
21 cm/8 1/4"
23 cm/9"
mit Sperre
with catch
con cierre
à verrou

سوزنگیر میکروفنری با دسته گرد

Nadelhalter - Needle Holders
Mikro-Nadelhalter mit Rundgriffen
Micro Needle Holders with Round Handles

سوزنگیر

Nadelhalter
Needle Holders
Porta agujas
Porte aiguilles



22
A



$\frac{1}{2}$

Reill
 ohne Sperre
 without catch
 sin cierre
 sans verrou



$\frac{1}{1}$
 15 cm/6"
 22-7820-15



15 cm/6"
 22-7821-15



$\frac{1}{2}$

mit Sperre
 with catch
 con cierre
 à verrou



$\frac{1}{1}$
 15 cm/6"
 22-7920-15



15 cm/6"
 22-7921-15



$\frac{1}{2}$

ohne Sperre
 without catch
 sin cierre
 sans verrou



$\frac{1}{1}$
 18,5 cm/7 $\frac{1}{4}$ "
 22-8020-18



18,5 cm/7"
 22-8021-18



$\frac{1}{2}$



18,5 cm/7 $\frac{1}{4}$ "
 22-8120-18



18,5 cm/7 $\frac{1}{4}$ "
 22-8121-18

mit Sperre
 with catch
 con cierre
 à verrou



Kalt



$\frac{1}{2}$



$\frac{1}{1}$
 13,5 cm/5 $\frac{1}{4}$ "
 22-8222-13



$\frac{1}{2}$



$\frac{1}{1}$
 13,5 cm/5 $\frac{1}{4}$ "
 22-8324-13



13,5 cm/5 $\frac{1}{4}$ "
 22-8325-13



$\frac{1}{2}$

Barraquer

0,8 mm 13 cm/5" 22-8426-13
 1 mm 13 cm/5" 22-8427-13
 1,5 mm 13 cm/5" 22-8428-13

22
A



22-B



انواع سوزنگیر تنگستن
کار باید - دسته طلایی

T/C Nadelhalter Univer Gold -T/C
T/C Needle Holders Univer Gold -T/C
T/C Porta agujas Univer Gold -T/C
T/C Porte aiguilles Univer Gold -T/C



(N)



(S)



Special - T/C

انواع سوزنگیر تنگستن
کارباید - دسته طلایی

T/C Nadelhalter Univer Gold -T/C

T/C Needle Holders Univer Gold -T/C

T/C Porta agujas Univer Gold -T/C

T/C Porte aiguilles Univer Gold -T/C

(N) 0,5	normal Profilierung	normal serration	دندانه نرمال	Perfil normal	Profil normal
(S)	glatt, ohne profilierung	smooth, without any teeth	صاف بدون دندانه	Liso sin perfil	Lisse, sans profil

(N)



(S)



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

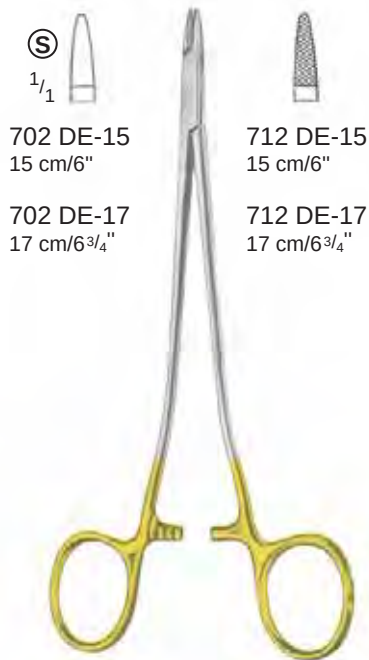
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



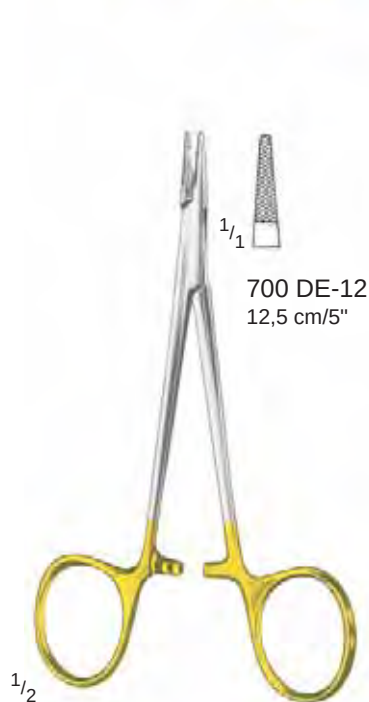
22
B



Julian



Senning



Wright (Derf)



Converse



Masing



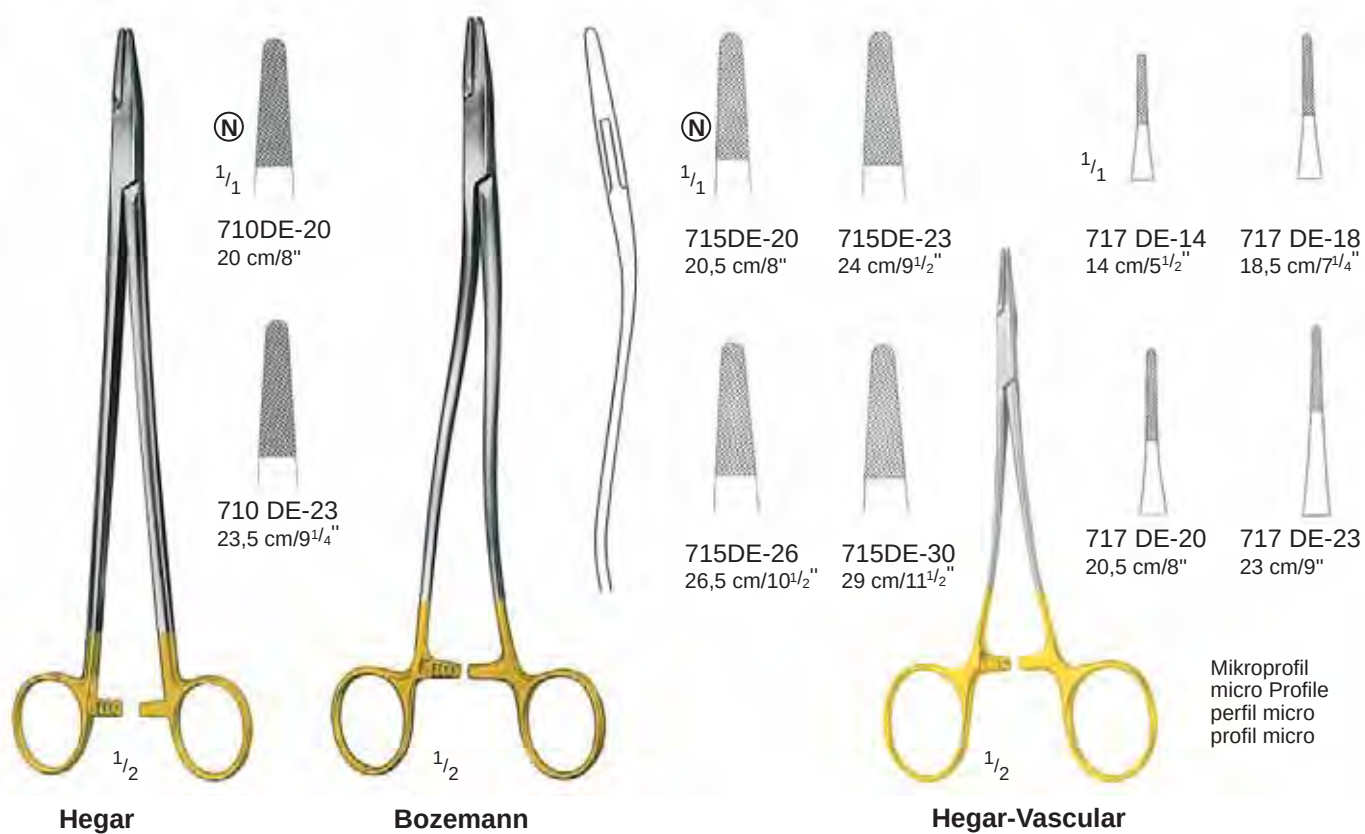
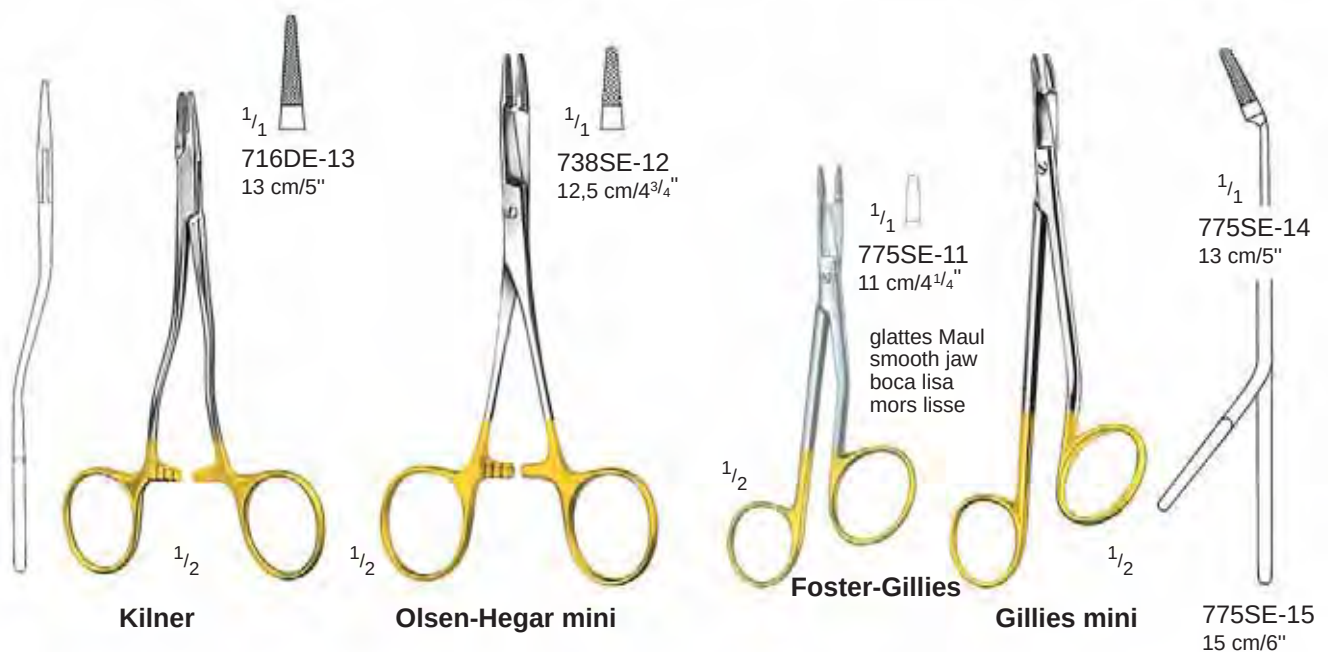
انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

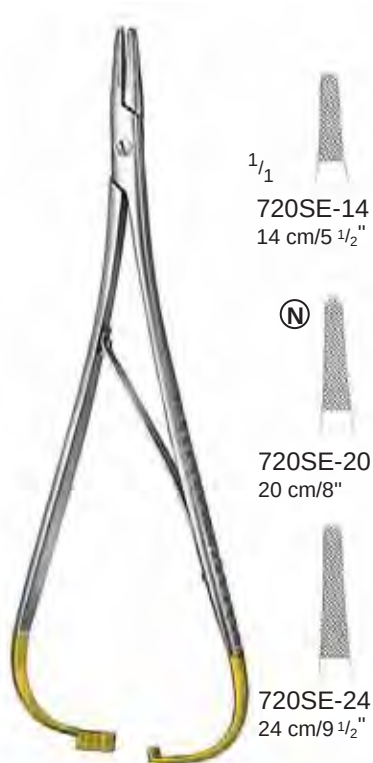
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

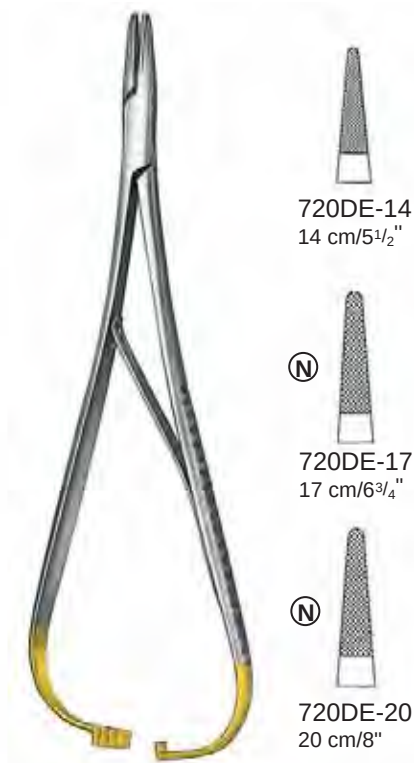
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



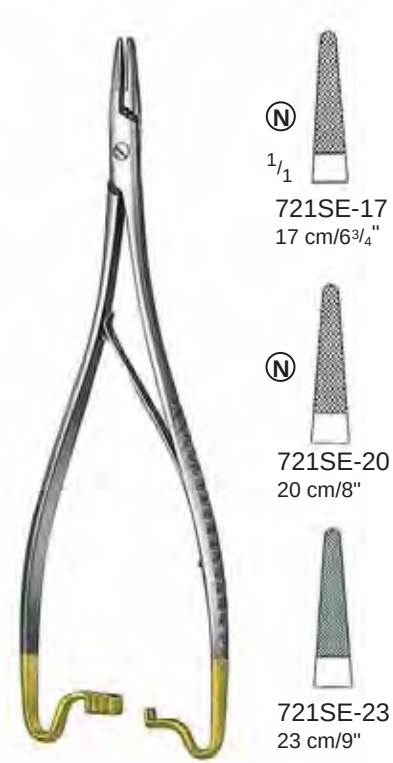
22
B



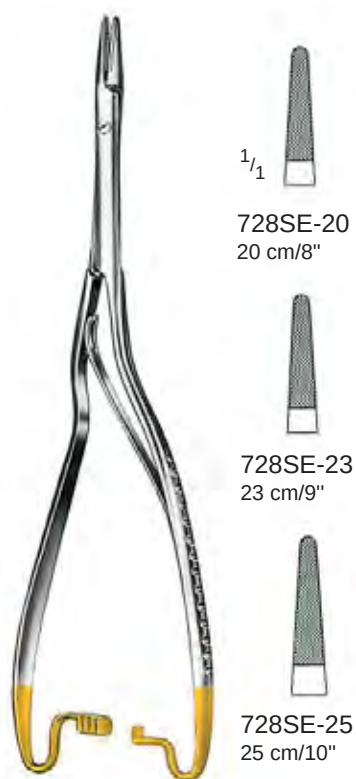
Mathieu



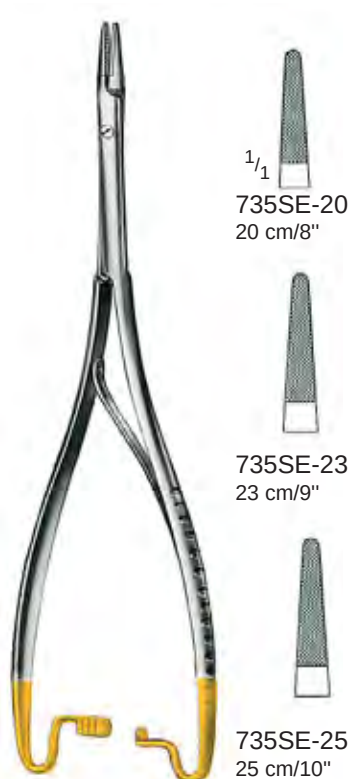
Mathieu



Mathieu



Lüthy-Beck



Hösel

انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



1/1

723SE-16
16 cm/6 1/4"723SE-18
18 cm/7"723SE-20
20 cm/8"

Langenbeck



(N)

1/1

724DE-20
20 cm/8"kräftig
heavy
fuerte
robuste

Langenbeck



(N)

1/1

726SE-20
20 cm/8"726SE-23
23 cm/9"

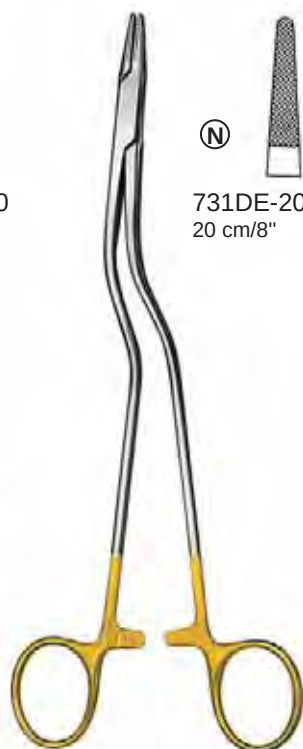
Zweifel



1/1

727SE-20
20 cm/8"

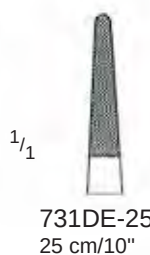
Zweifel



(N)

731DE-20
20 cm/8"

Masson-Lüthy



1/1

731DE-25
25 cm/10"Kräftiges Modell
für Sternumnaht
heavy pattern
for sternum suture

Bozemann-Finochietto



(N)

1/1

729DE-20
20 cm/8"729DE-23
23 cm/9"729DE-25
25 cm/10"

انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

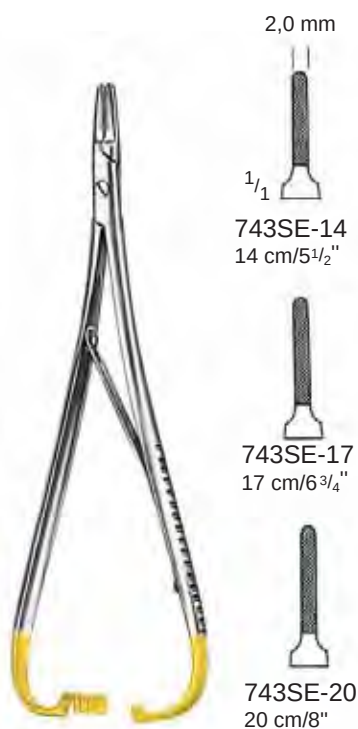
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

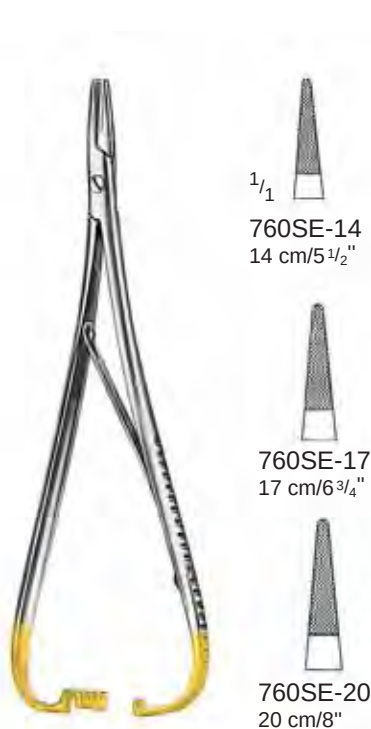
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



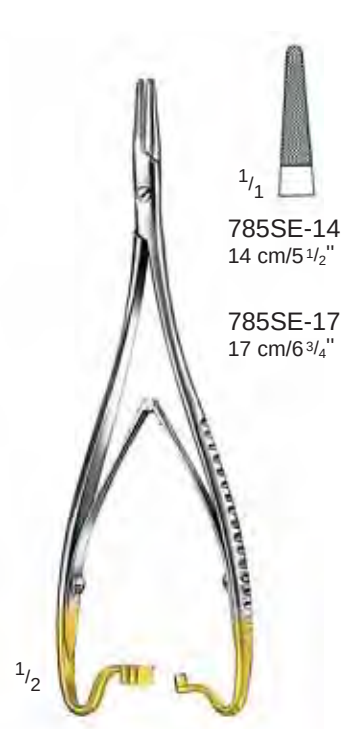
22
B



Lichtenberg-Ryder



Lichtenberg



Mathieu-Grazil



Tönnis Modif



Tönnies



انواع سوزنگیر با تیغه تنگستن - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C

schwedische Modelle
Swedish Patterns
Modelos suecos
modèles suédois



Mathieu-Stille



755DE-17
17 cm/6 $\frac{3}{4}$ "



755DE-19
19 cm/7 $\frac{1}{2}$ "



Matzenbaum



758DE-17
17 cm/6 $\frac{3}{4}$ "



758DE-19
19 cm/7 $\frac{1}{2}$ "



Boynton



961SE-12
12 cm/4 $\frac{3}{4}$ "



Arruga



962SE-16
16 cm/6 $\frac{1}{4}$ "

انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



Derf (Halsey)



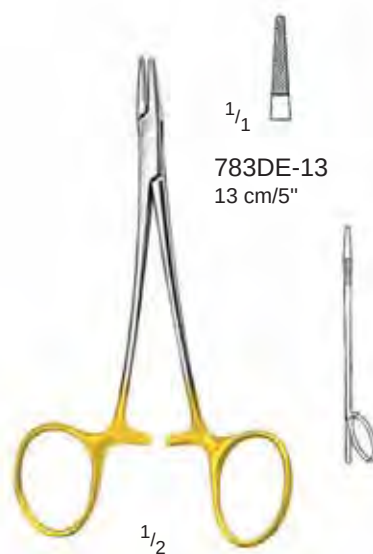
Derf (Halsey)



Webster



Baumgartner



Neivert
(Offset Ring)



انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

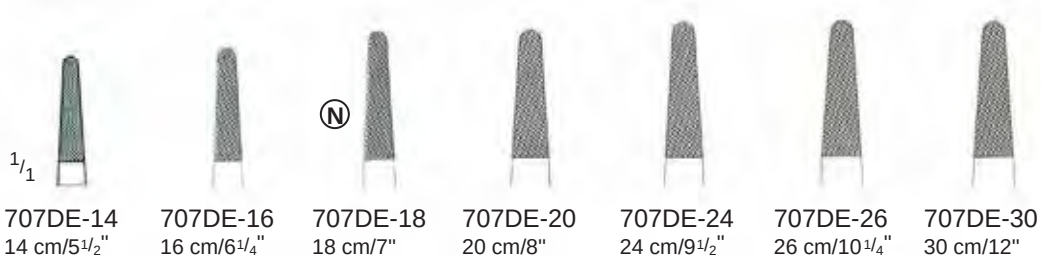
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

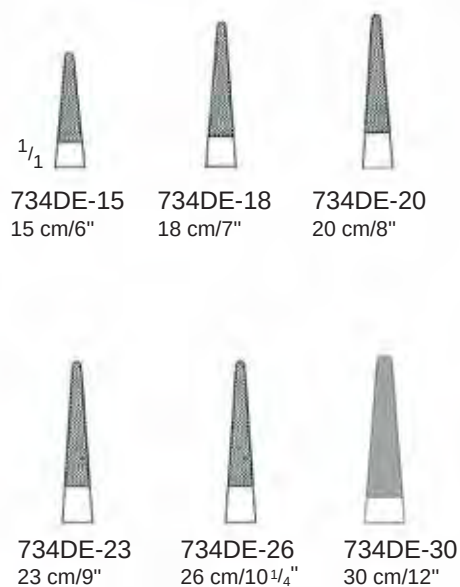
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



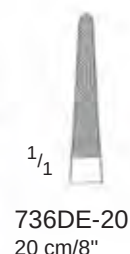
Mayo-Hegar



Crile-Wood (Newman)



Hegar-mayo-seeley



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



Crile-Wood

$\frac{1}{1}$

770DE-13
13 cm/5"



770DE-15
15 cm/6"



770DE-18
18 cm/7"



770DE-20
20 cm/8"



770DE-23
23 cm/9"

$\frac{1}{2}$



$\frac{1}{1}$

772DE-21
21,5 cm/8 $\frac{1}{2}$ "



Finocchio

Ⓝ

$\frac{1}{1}$

773DE-20
20 cm/8"



773DE-26
26,5 cm/10 $\frac{1}{2}$ "



Heaney

$\frac{1}{1}$

708DE-20
20 cm/8"



708DE-23
23 cm/9"



708DE-26
26 cm/10 $\frac{1}{4}$ "

708DE-30
30 cm/12"



انواع سوزنگیر با تیغه تنگستن - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

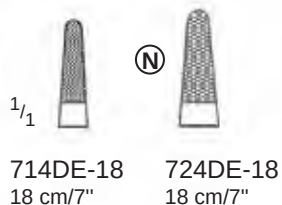
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

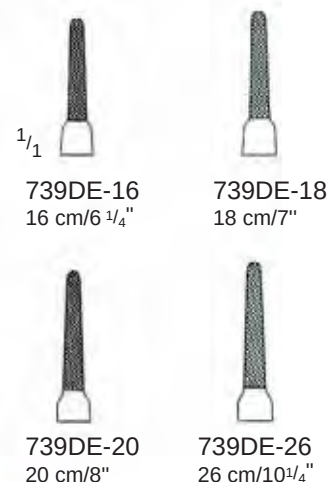
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



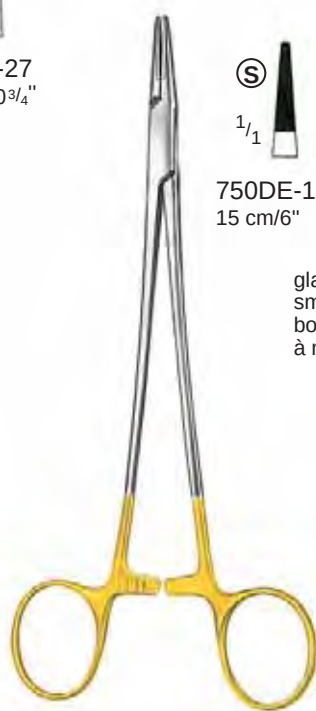
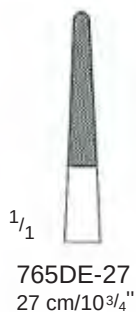
New Orleans



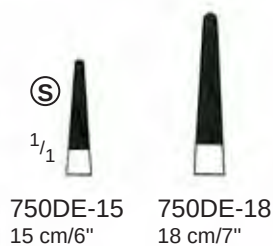
Frenche eye (Ryder)



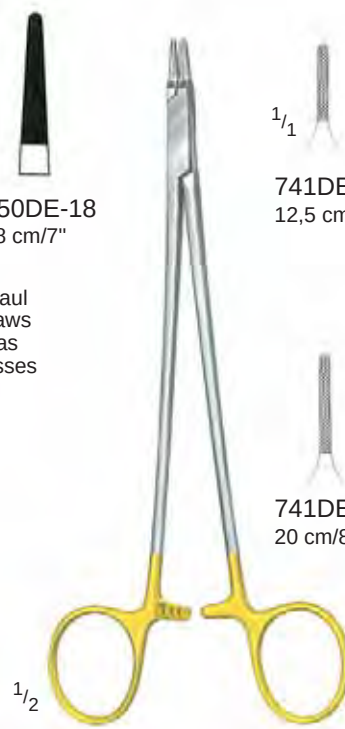
Wangensteen



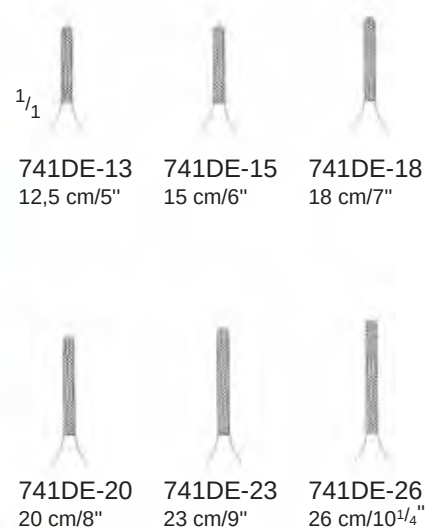
Crile-Wood



glattes Maul
smooth jaws
bocas lisas
à mors lisses



Miniprofil
mini Profile
profil mini
profilo mini



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C

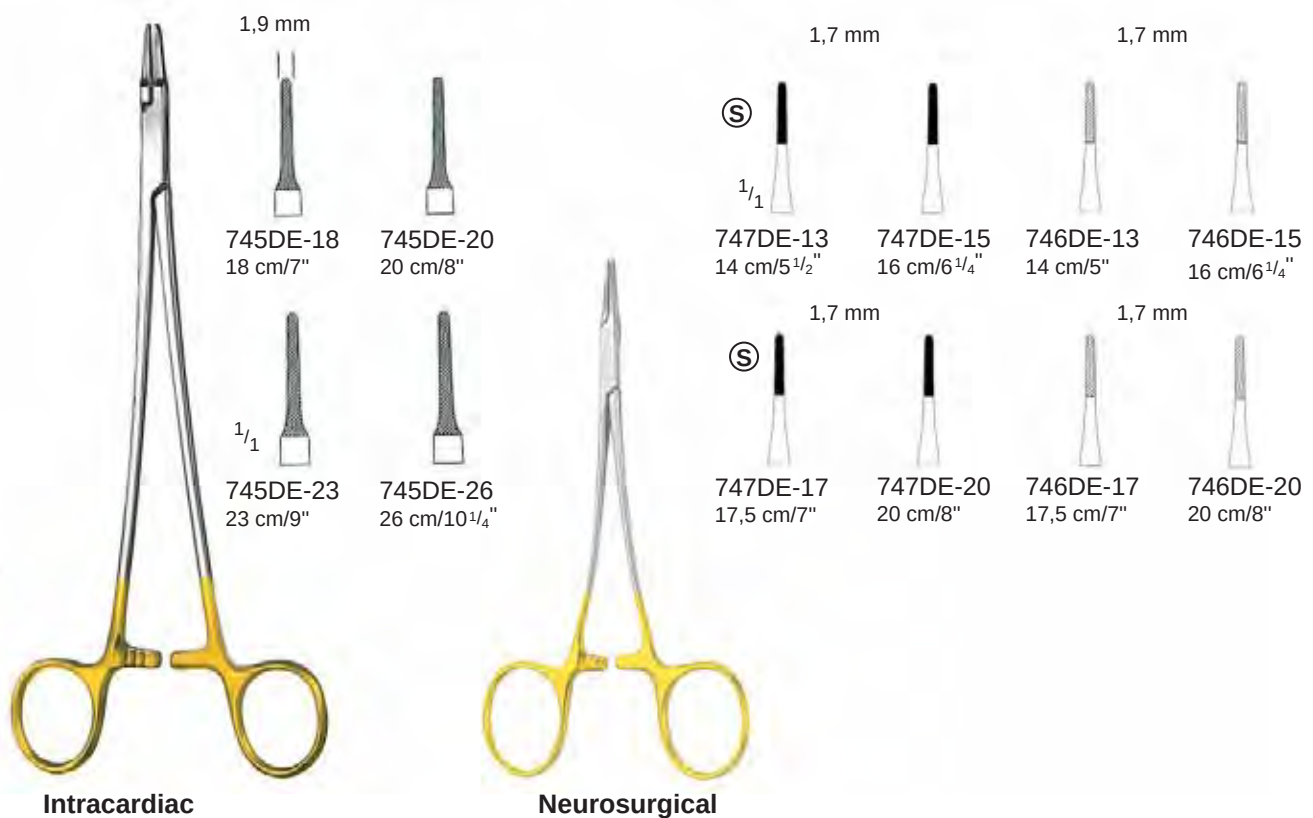


22
B



De Bakey

Micro-Vascular



Intracardiac

Neurosurgical



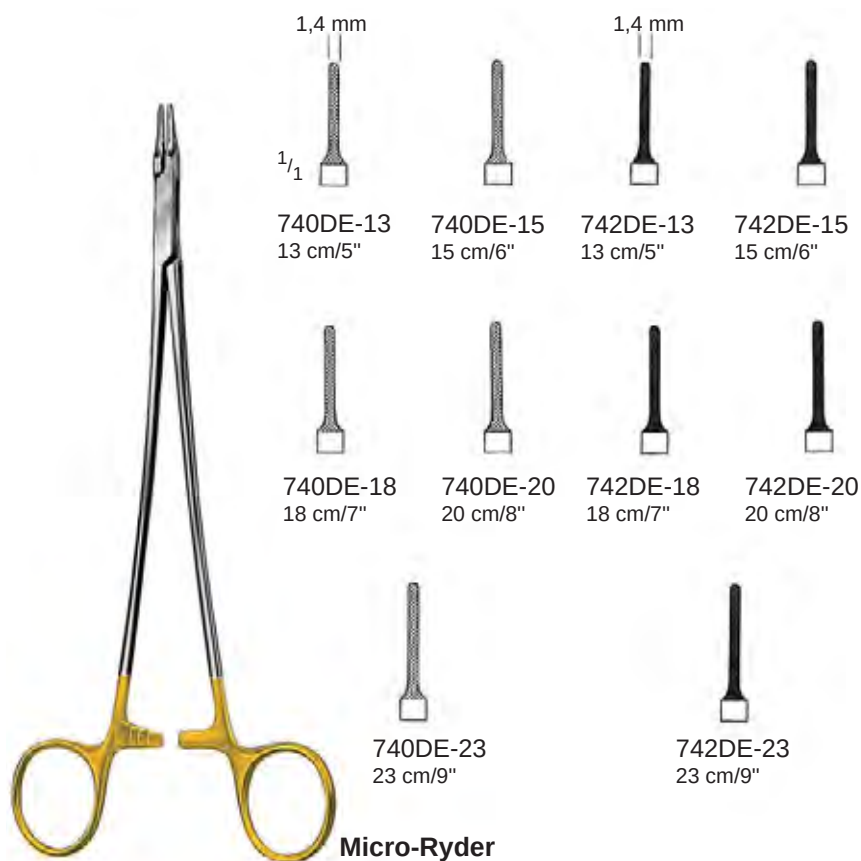
انواع سوزنگیر با تیغه تنگستن - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

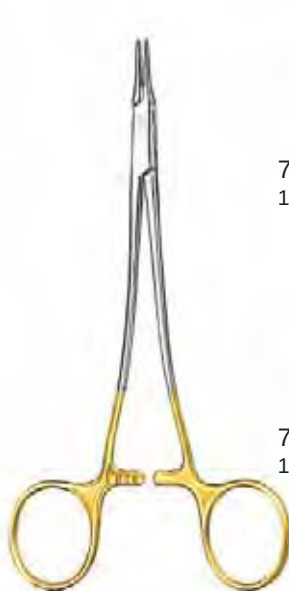
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



$\frac{1}{1}$
748DE-14
14 cm/5 $\frac{1}{2}$ "



748DE-15
15 cm/6"



748DE-18
18 cm/7"



748DE-20
20 cm/8"

Eufate-pasqué



Ⓢ
 $\frac{1}{1}$
749DE-14
14 cm/5 $\frac{1}{2}$ "



749DE-15
15 cm/6"



749DE-18
18 cm/7"



749DE-20
20 cm/8"

Eufate-pasqué



$\frac{1}{1}$
0,2
750SE-21
21 cm/8 $\frac{1}{4}$ "

Mit Anreihesperre
With locking ratchet

Hellberg-kupka



$\frac{1}{1}$
0,2
751SE-19
19 cm/7 $\frac{1}{2}$ "

ohne Sperre
without ratchet

Rein-kupka



$\frac{1}{1}$
0,2
752DE-19
19 cm/7 $\frac{1}{2}$ "

mit Sperre
with ratchet

Rein-kupka

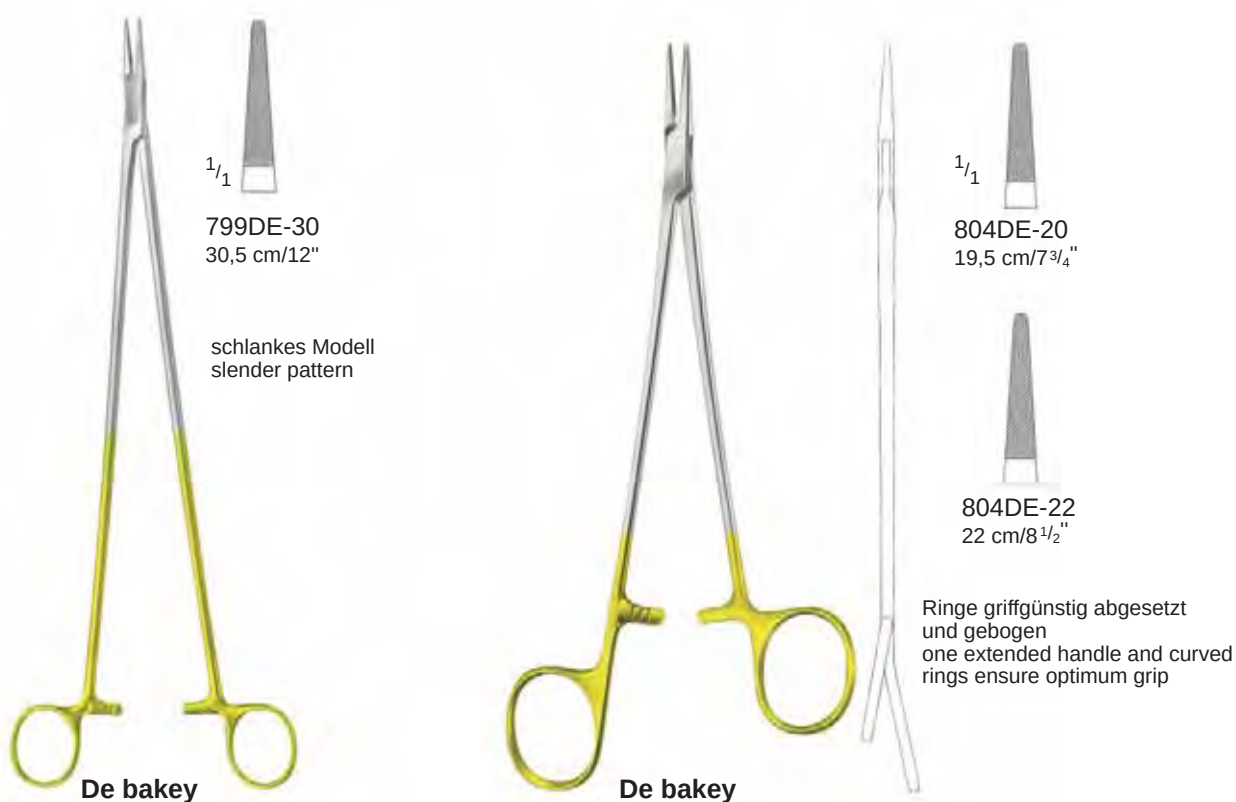
انواع سوزنگیر با تیغه تنگستن - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



$\frac{1}{1}$ 0,5

807DE-36
36 cm/14"

für tiefe Rektumchirurgie
for deep rectum surgery



$\frac{1}{1}$

808DE-27
27,5 cm/10 $\frac{3}{4}$ "



$\frac{1}{1}$

809DE-26
26,5 cm/10 $\frac{1}{2}$ "

Normalprofil
Standard Profile
perfil estándar
profil normale

Müller

Masson



انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C

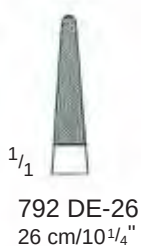


Mayo-Castroviejo

				
940SE-16 16 cm/6 1/4"	941SE-18 18 cm/7"	942SE-20 20 cm/8"	943SE-23 23 cm/9"	944SE-26 26 cm/10 1/4"
				
945SE-16 16 cm/6 1/4"	946SE-18 18 cm/7"	947SE-20 20 cm/8"	948SE-23 23 cm/9"	949SE-26 26 cm/10 1/4"
				
950SE-16 16 cm/6 1/4"	951SE-18 18 cm/7"	952SE-20 20 cm/8"	953SE-23 23 cm/9"	954SE-26 26 cm/10 1/4"
				
955SE-16 16 cm/6 1/4"	956SE-18 18 cm/7"	957SE-20 20 cm/8"	958SE-23 23 cm/9"	959SE-26 26 cm/10 1/4"



Naunton-Morgan



Parell



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

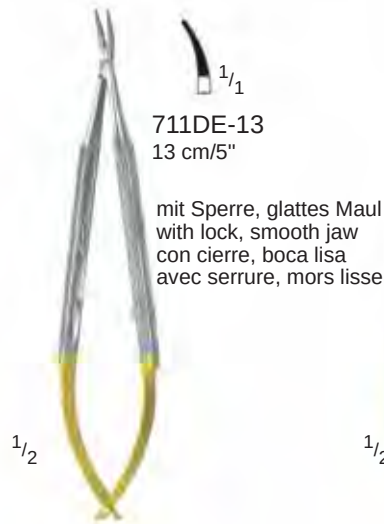
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



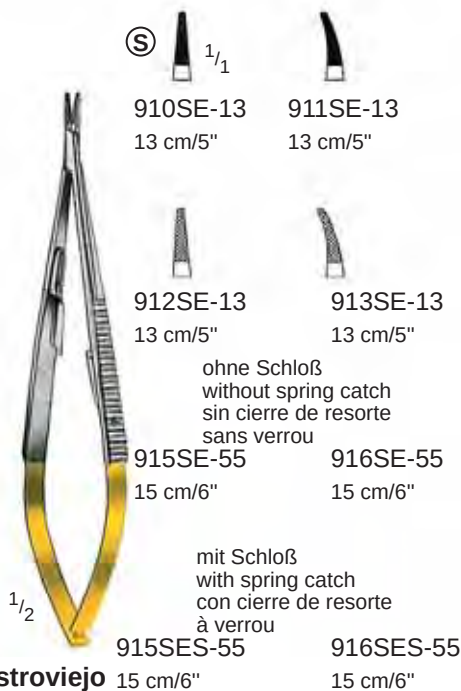
Kalt



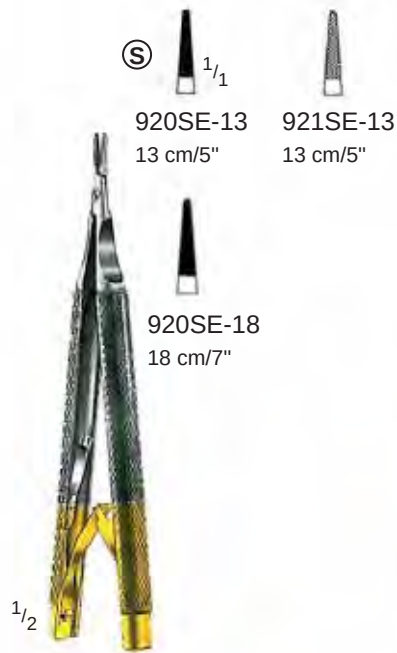
Barraquer



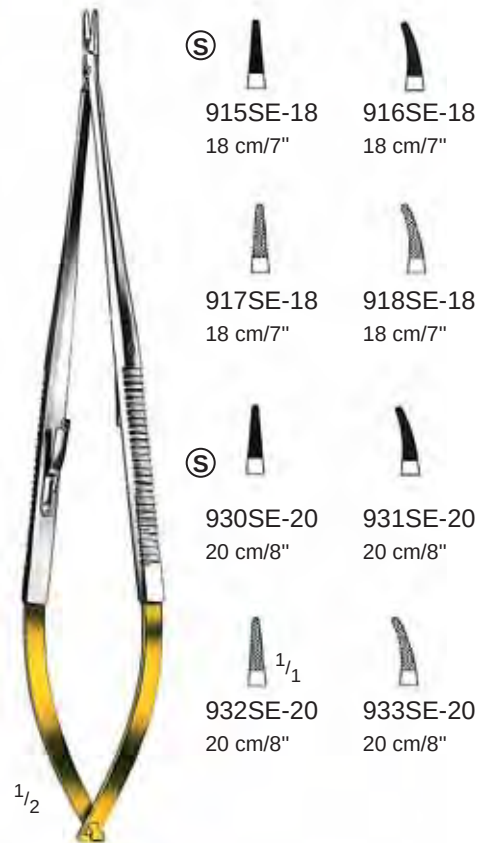
Barraquer



Castroviejo



Castroviejo



Castroviejo

22
B

Univer®

انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C

ohne Schloß
without spring catch
sin cierre de resorte
sans verrou



1/2

Micro

Ø 8 mm
14 cm/5 1/2"
16 cm/6 1/4"

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
14,5 cm/5 3/4"								
16 cm/6 1/4"								
14,5 cm/5 3/4"	614SE-12				614SE-32			
16 cm/6 1/4"	615SE-12	615SE-15	615SE-18	615SE-25	615SE-32	615SE-35	615SE-38	615SE-45

912SE-52
12 cm/4 3/4"

14,5 cm/5 3/4"

16 cm/6 1/4"

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
14,5 cm/5 3/4"								
16 cm/6 1/4"								
14,5 cm/5 3/4"	614SE-52		614 SE-58		614SE-72			614SE-85
16 cm/6 1/4"	615SE-52	615SE-55	615SE-58	615SE-65	615SE-72	615SE-75	615SE-78	615SE-85

mit Schloß
with spring catch
con cierre de resorte
à verrou



1/2

Micro

Ø 8 mm
14 cm/5 1/2"
16 cm/6 1/4"

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
14,5 cm/5 3/4"								
16 cm/6 1/4"								
14,5 cm/5 3/4"	614SES-12				614SES-32			
16 cm/6 1/4"	615SES-12	615SES-15	615SES-18	615SES-25	615SES-32	615SES-35	615SES-38	615SES-45

912SES-52
12 cm/4 3/4"

14,5 cm/5 3/4"

16 cm/6 1/4"

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
14,5 cm/5 3/4"								
16 cm/6 1/4"								
14,5 cm/5 3/4"	614SES-52		614SES-58		614SES-72		614SES-78	
16 cm/6 1/4"	615SES-52	615SES-54	615SES-58	615SES-65	615SES-72	615SES-75	615SES-78	615SES-85

انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



ohne Schloß
without spring catch
sin cierre de resorte
sans verrou

⑤

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
18 cm/7"	618SE-12	618SE-15	618SE-18	618SE-25	618SE-32	618SE-35	618SE-38	618 SE-45
21 cm/8 1/4"	621SE-12		621SE-18		621SE-32		621SE-38	
23 cm/9"	623 SE-12		623SE-18		623SE-32		623SE-38	

1/1

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
18 cm/7"	618 SE-52	618SE-55	618SE-58	618SE-65	618SE-72	618SE-75	618 SE-78	618 SE-85
21 cm/8 1/4"	621SE-52		621SE-58		621SE-72		621 SE-78	
23 cm/9"	623SE-52		623SE-58		623SE-72		623 SE-78	

Micro

Ø 9 mm
18 cm/7"
21 cm/8 1/4"
23 cm/9"



mit Schloß
with spring catch
con cierre de resorte
à verrou

⑤

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm	
18 cm/7"	618SES-12	618SES-15	618SES-18	618SES-25	618SES-32	618SES-35	618SES-38	618SES-45	
21 cm/8 1/4"	621SES-12		621SES-18		621SES-32		621SES-38		
23 cm/9"	623SES-12		623SES-18		623SES-32		623SES-38		

	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm
18 cm/7"	618SES-52	618SES-55	618SES-58	618SES-65	618SES-72	618SES-75	618SES-78	618SES-85	618SES-92
21 cm/8 1/4"	621SES-52		621SES-58		621SES-72		621SES-78		
23 cm/9"	623SES-52		623SES-58		623SES-72		623SES-78		

1/1

1/2

Micro

Ø 9 mm
18 cm/7"
21cm/8 1/4"
23 cm/9"



انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



mit Schloß
with spring catch
son cierre de resorte
à verrou



ohne Schloß
without spring catch
sin cierre de resorte
sans verrou



19 cm/7 1/2"

23 cm/9"

25 cm/10"

	mit Schloß with spring catch son cierre de resorte à verrou	ohne Schloß without spring catch sin cierre de resorte sans verrou
19 cm/7 1/2"	980SES-19	980SE-19
23 cm/9"	980SES-23	980SE-23
25 cm/10"	980SES-25	980SE-25

انواع سوزنگیر با تیغه تنگستن کار باید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



mit Schloß
with spring catch
son cierre de resorte
à verrou



	mit Schloß with spring catch son cierre de resorte à verrou	ohne Schloß without spring catch sin cierre de resorte sans verrou
18,5 cm/7 ¹ / ₄ "	760SES-18	760SE-18
21 cm/8 ¹ / ₄ "	760SES-21	760SE-21
23 cm/9"	760SES-23	760SE-23



ohne Schloß
without spring catch
sin cierre de resorte
sans verrou





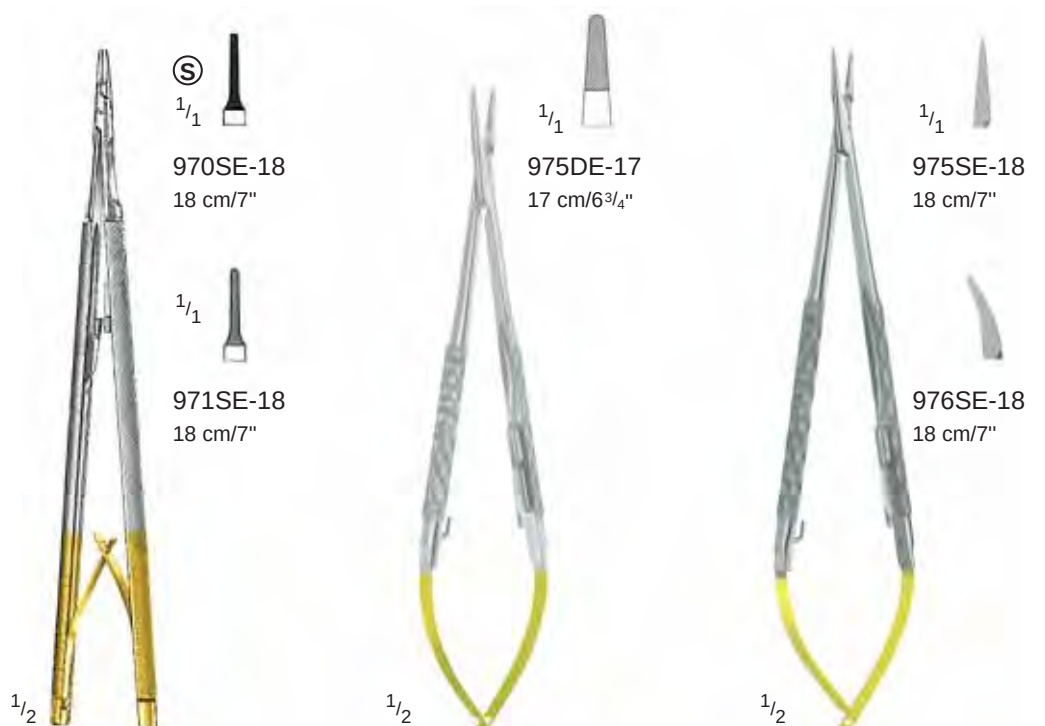
انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

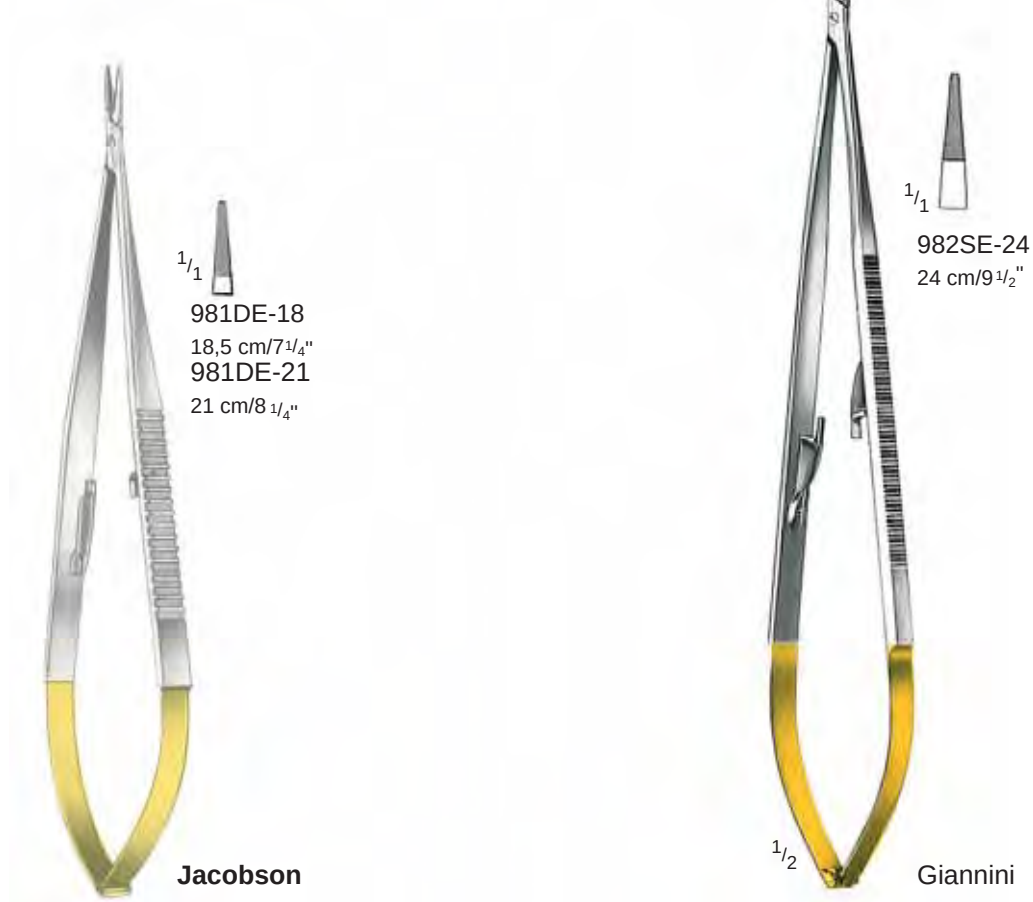
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



Hepp-Scheidel



Jacobson

Giannini

24

Univer®



انواع سوزن بخیه

**Unterbindungsnadeln,
Führungshohlsonden**

**Ligature Needles
and Conductors**

**Agujas para ligaduras,
sondas conductoras**

**Aiguilles à ligatures,
sondes conductrices**



ابزار بخیه

Naht
Suture
Sutura
Suture

سوزن بخیه

Unterbindungsadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

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

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



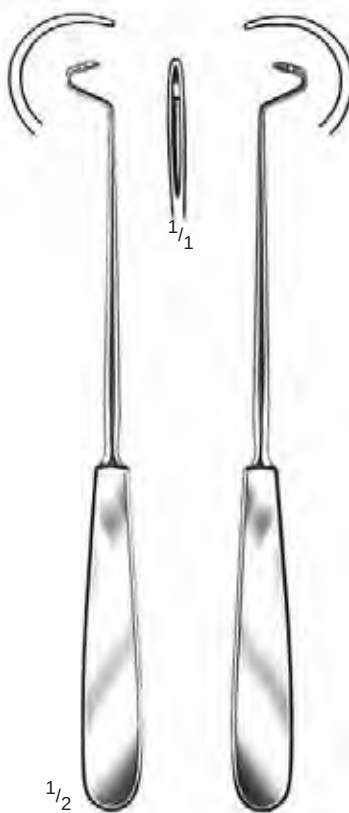
Kronecker Kronecker
14 cm/5 1/2" 14 cm/5 1/2"
24-0714-01 24-0714-02

stumpf
blunt
romo
mousse

stumpf
blunt
romo
mousse

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

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



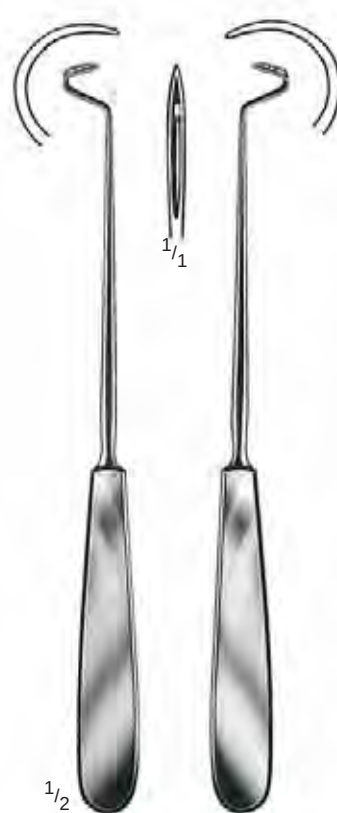
Deschamps Deschamps
20 cm/8" 20 cm/8"
24-0720-11 24-0720-12

stumpf
blunt
romo
mousse

stumpf
blunt
romo
mousse

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

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



Deschamps Deschamps
20 cm/8" 20 cm/8"
24-0720-13 24-0720-14

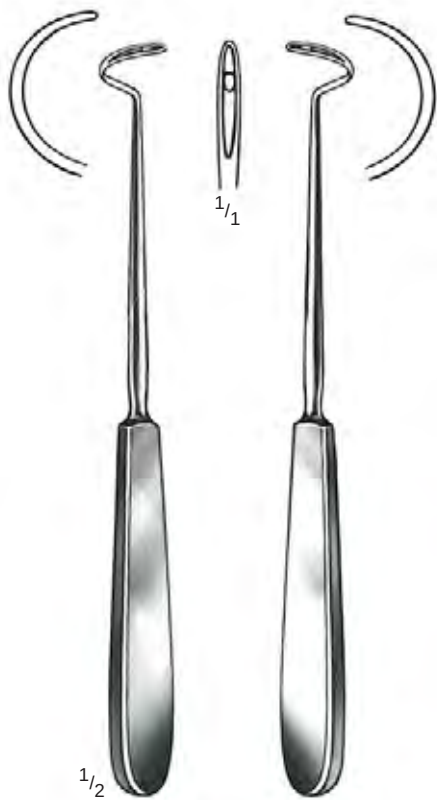
scharf
sharp
agudo
pointue

scharf
sharp
agudo
pointue

سوزن بخیه
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

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

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

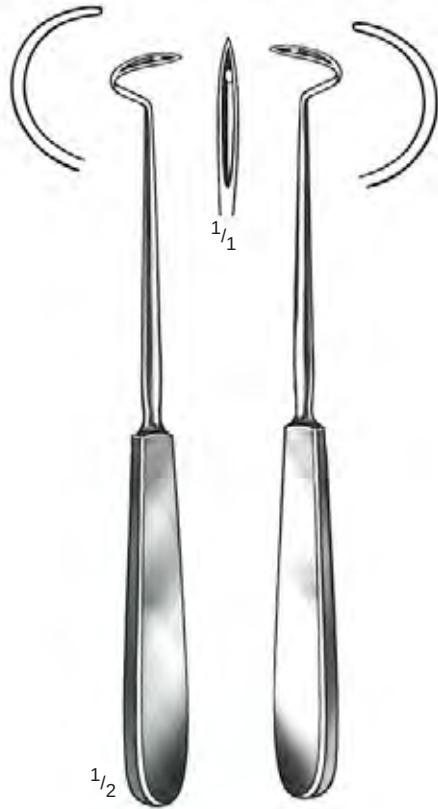


Deschamps
20 cm/8"
24-0720-21
stumpf
blunt
romo
mousse

Deschamps
20 cm/8"
24-0720-22
stumpf
blunt
romo
mousse

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

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



Deschamps
20 cm/8"
24-0720-23
scharf
sharp
agudo
pointue

Deschamps
20 cm/8"
24-0720-24
scharf
sharp
agudo
pointue



ابزار بخیه

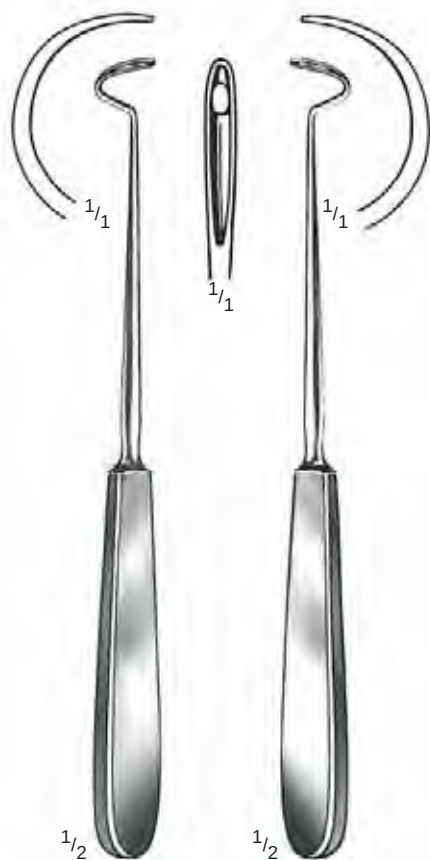
Naht
Suture
Sutura
Suture

سوزن بخیه

Unterbindungsadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

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

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

**Deschamps**

21 cm/8 1/4"
24-0721-21

stumpf
blunt
romo
mousse

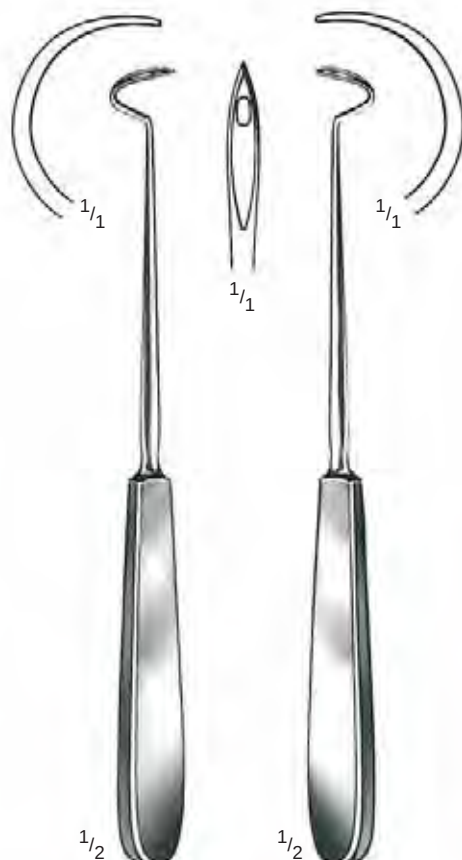
Deschamps

21 cm/8 1/4"
24-0721-22

stumpf
blunt
romo
mousse

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

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

**Deschamps**

21 cm/8 1/4"
24-0721-23

scharf
sharp
agudo
pointu

Deschamps

21 cm/8 1/4"
24-0721-24

scharf
sharp
agudo
pointu



سوزن بخیه
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

für die rechte Hand
für die linke Hand
for the right hand
for the left hand
para la mano derecha
para la mano izquierda
pour la main droite
pour la main gauche



Deschamps 22,5 cm/9"
24-0722-01
stumpf
blunt
romo
mousse

Deschamps 22,5 cm/9"
24-0722-02
stumpf
blunt
romo
mousse

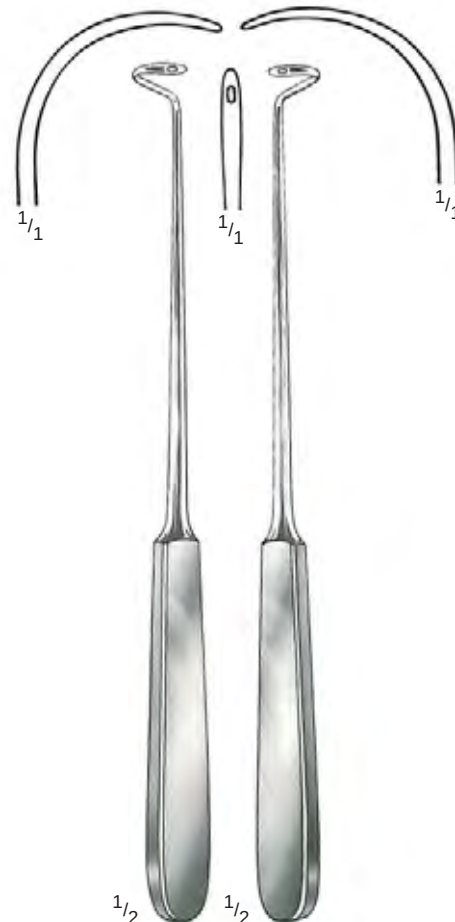
für die rechte Hand
für die linke Hand
for the right hand
for the left hand
para la mano derecha
para la mano izquierda
pour la main droite
pour la main gauche



Deschamps 22,5 cm/9"
24-0722-03
stumpf
blunt
romo
mousse

Deschamps 22,5 cm/9"
24-0722-04
stumpf
blunt
romo
mousse

für die rechte Hand
für die linke Hand
for the right hand
for the left hand
para la mano derecha
para la mano izquierda
pour la main droite
pour la main gauche



Deschamps 22,5 cm/9"
24-0722-21
stumpf
blunt
romo
mousse

Deschamps 22,5 cm/9"
24-0722-22
stumpf
blunt
romo
mousse



ابزار بخیه

Naht
Suture
Sutura
Suture

سوزن بخیه

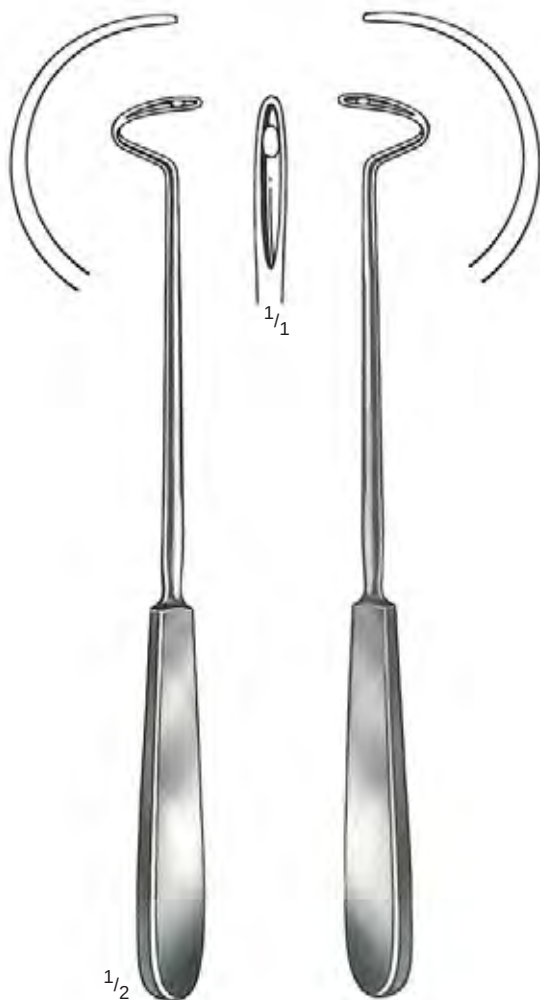
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

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

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

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

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

**Deschamps**

24 cm/9 1/2"
24-0724-01

stumpf
blunt
romo
mousse

Deschamps

24 cm/9 1/2"
24-0724-02

stumpf
blunt
romo
mousse

**Deschamps**

27 cm/10 1/2"
24-0727-01

stumpf
blunt
romo
mousse

Deschamps

27 cm/10 1/2"
24-0727-02

stumpf
blunt
romo
mousse

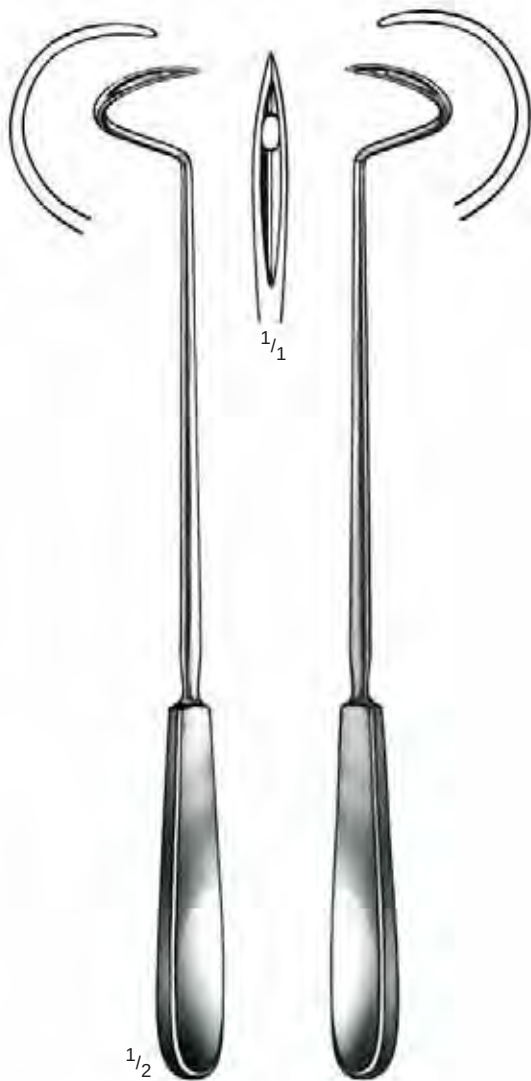
سوزن بخیه
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

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

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

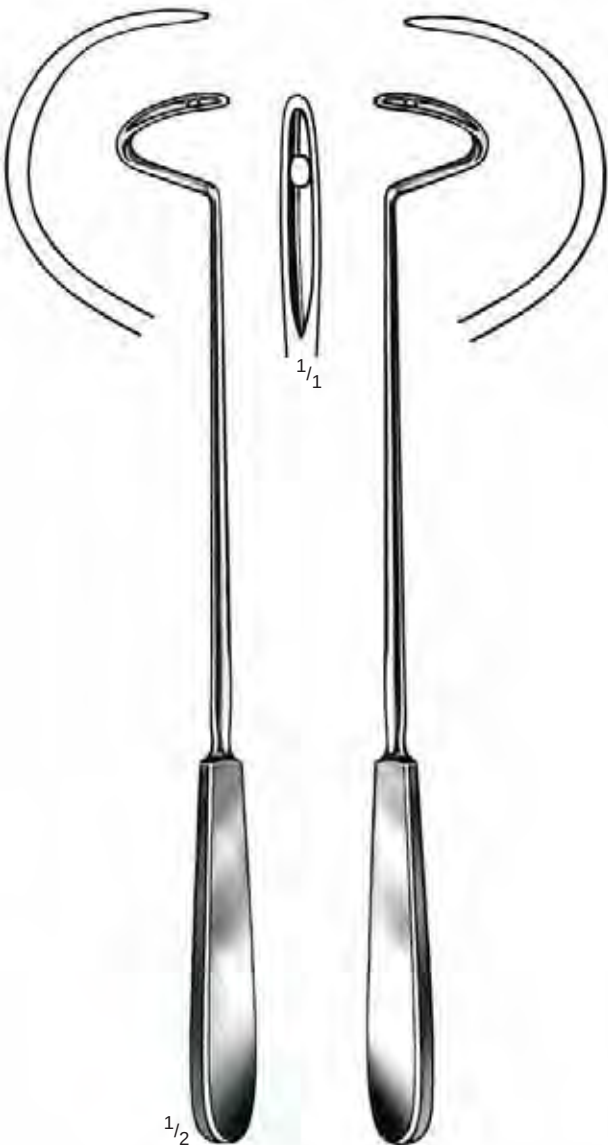
für die rechte Hand
for the right hand
para la mano derecha
pour la main droite

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



Deschamps
27 cm/10½"
24-0727-03
scharf
sharp
agudo
pointue

Deschamps
27 cm/10½"
24-0727-04
scharf
sharp
agudo
pointue



Deschamps
28 cm/11"
24-0728-01
stumpf
blunt
romo
mousse

Deschamps
28 cm/11"
24-0728-02
stumpf
blunt
romo
mousse



ابزار بخیه

Naht
Suture
Sutura
Suture

 $\frac{1}{2}$ **Narath**

22 cm/8 $\frac{1}{2}$ "
24-0750-22

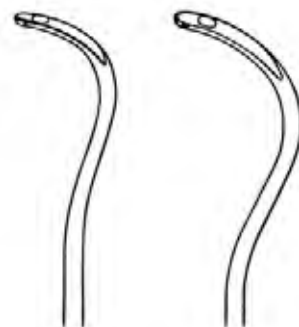
 $\frac{1}{2}$ **Schmieden**

21 cm/8 $\frac{1}{4}$ "
24-0754-21

سوزن بخیه
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

 $\frac{1}{2}$ **Kocher**

19 cm/7 $\frac{1}{2}$ "

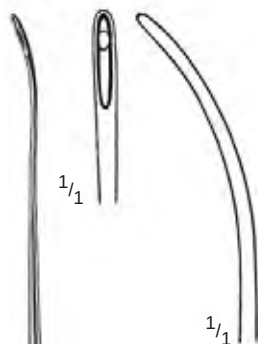


24-0759-01

24-0759-02

 $\frac{1}{1}$

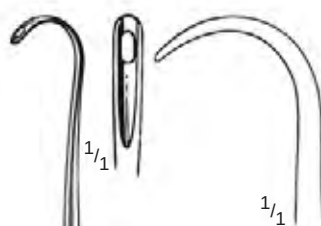
24-0759-03

 $\frac{1}{1}$ $\frac{1}{1}$

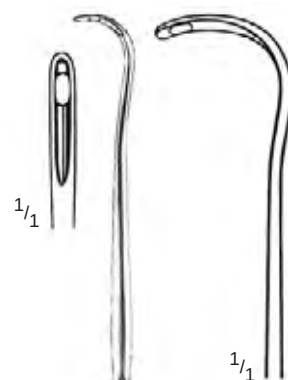
biegsam
malleable
maleable
malléable

 $\frac{1}{2}$

23 cm/9"
24-0761-23

 $\frac{1}{1}$ $\frac{1}{1}$ **Cooper**

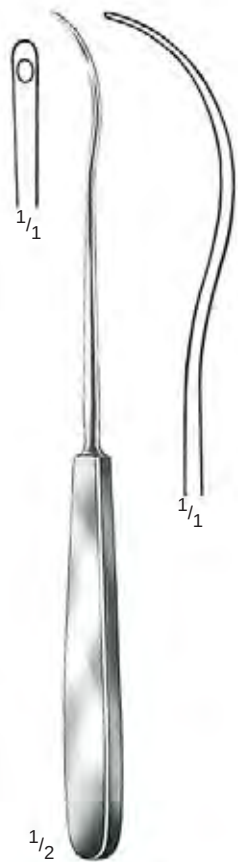
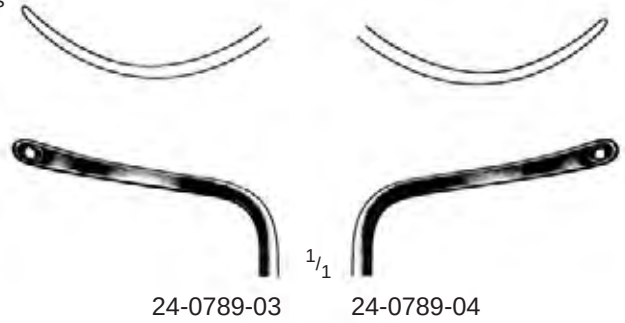
19 cm/7 $\frac{1}{2}$ "
24-0765-19

 $\frac{1}{2}$  $\frac{1}{1}$ $\frac{1}{1}$ **Cooper**

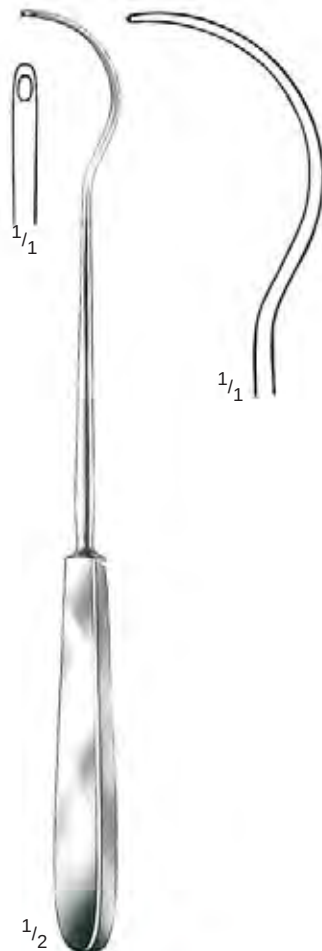
20 cm/8"
24-0767-20

 $\frac{1}{2}$

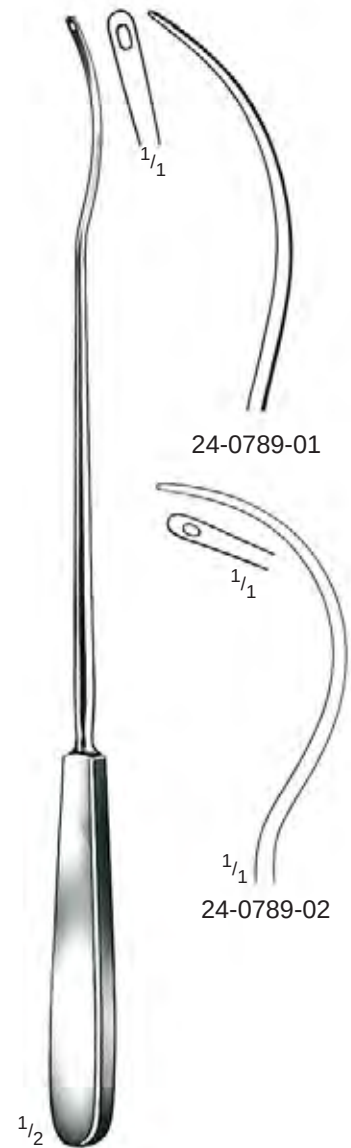
سوزن بخیه
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures



Deschamps
23 cm/9"
24-0774-23



Brunner
25 cm/10"
24-0783-25



Brunner
30 cm/12"

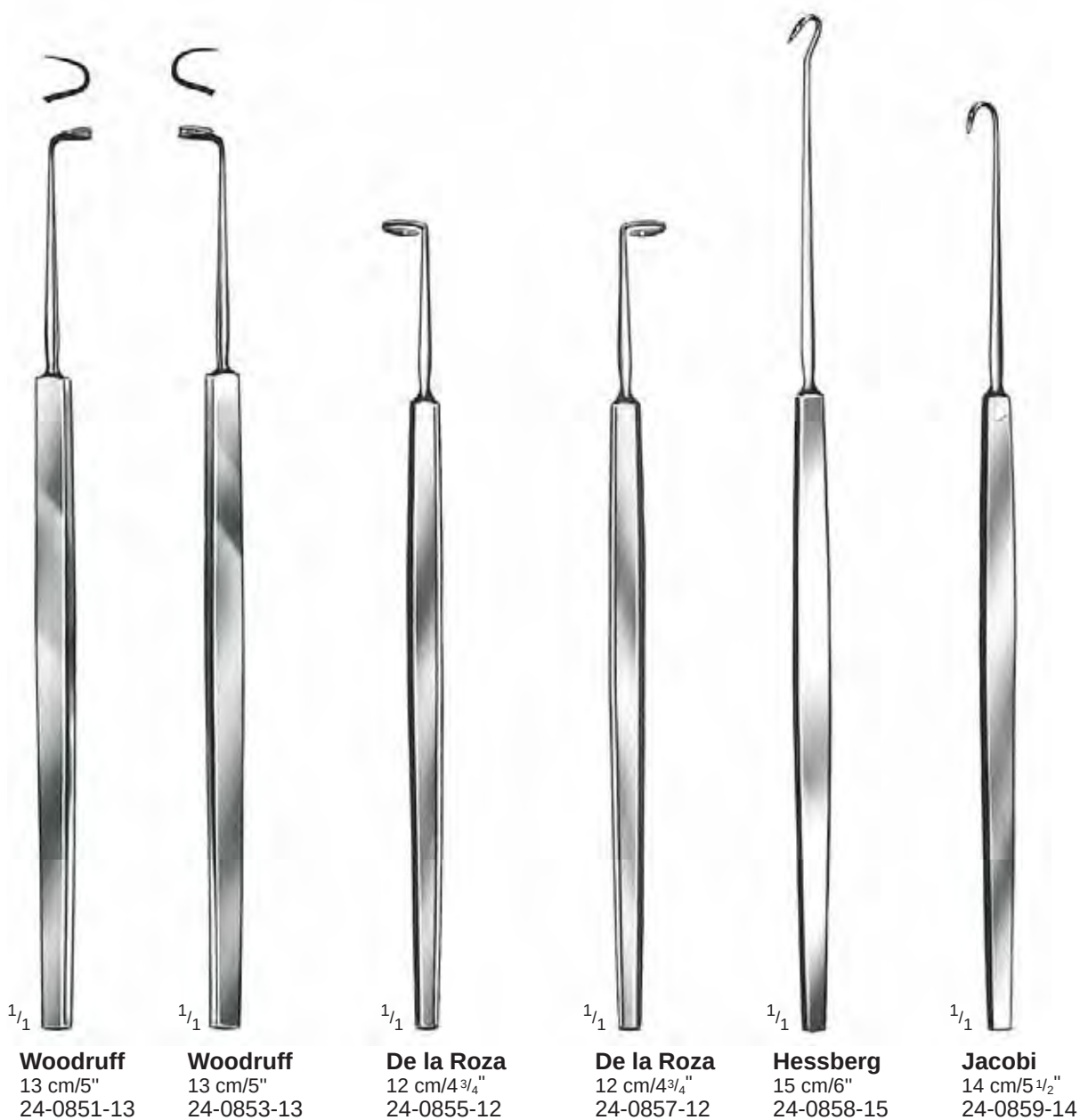


ابزار بخیه

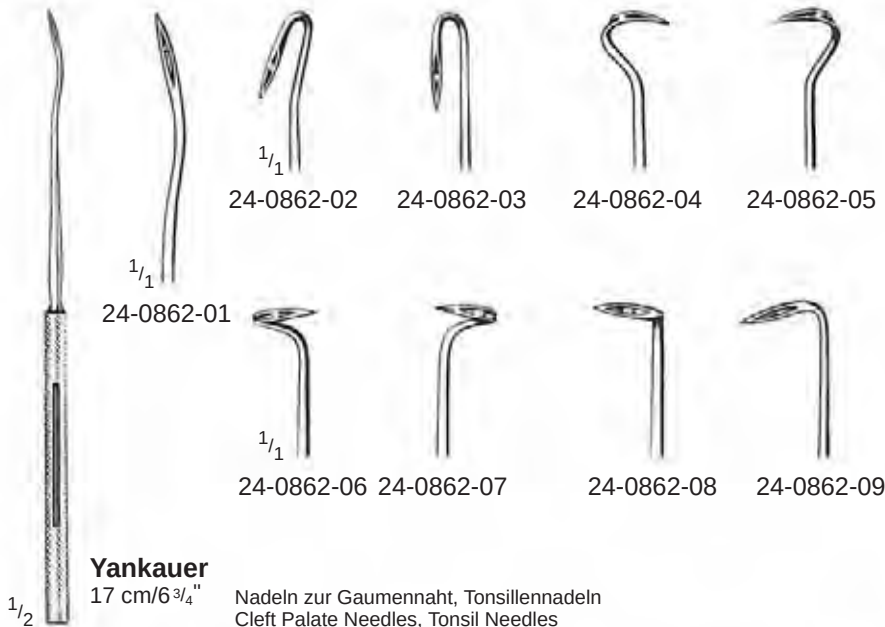
Naht
Suture
Sutura
Suture

سوزن بخیه

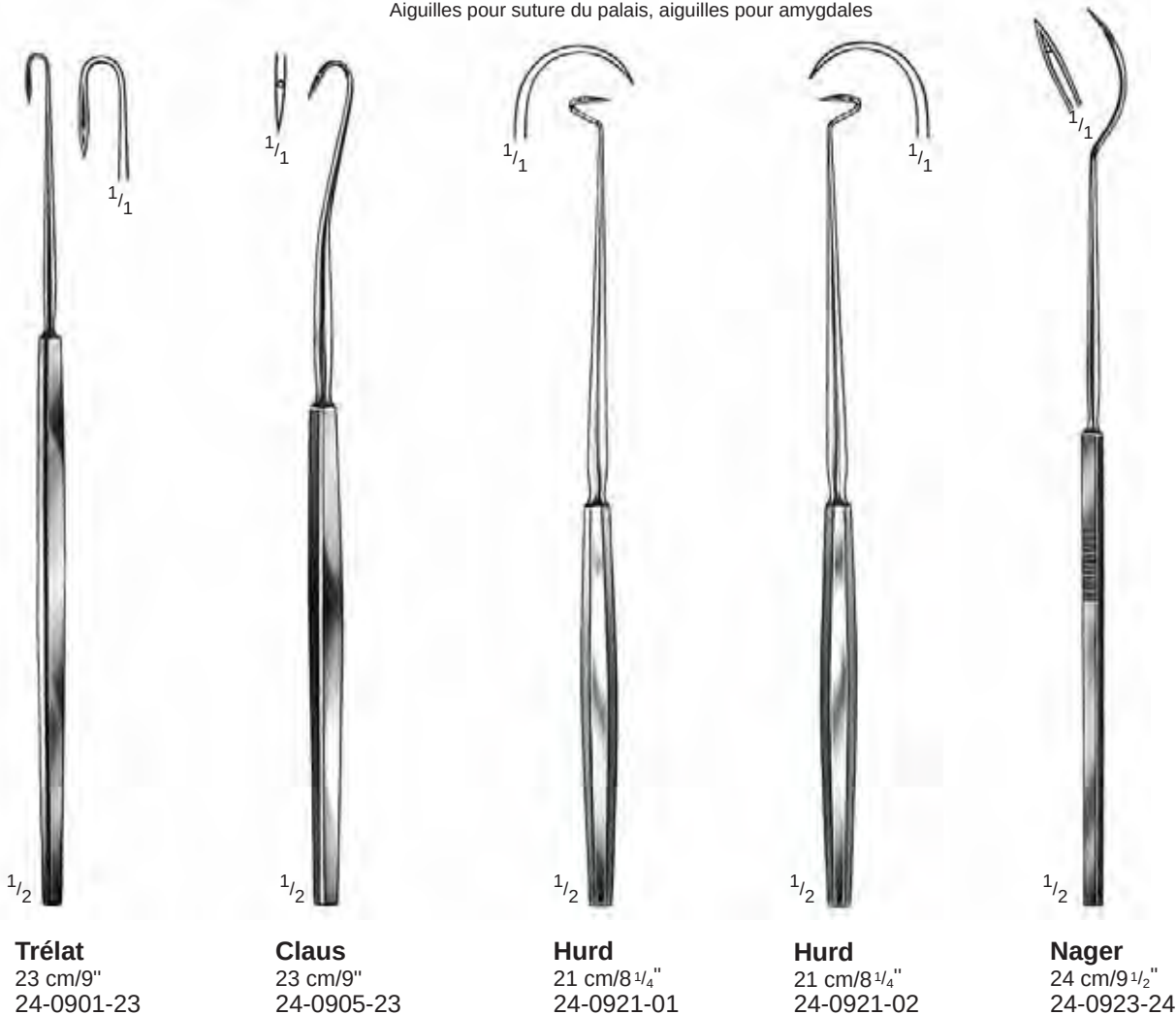
Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures



Septumnadeln, Septum Suture Needles, Aguja para sutura del tabique nasal, Aiguilles pour la cloison nasale



Nadeln zur Gaumennaht, Tonsillennadeln
Cleft Palate Needles, Tonsil Needles
Agujas para suturas de amígdalas y del paladar
Aiguilles pour suture du palais, aiguilles pour amygdales

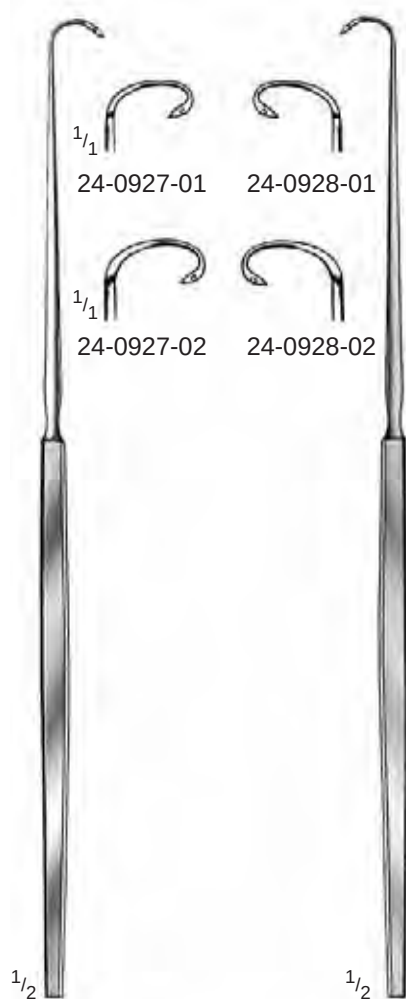




ابزار بخیه

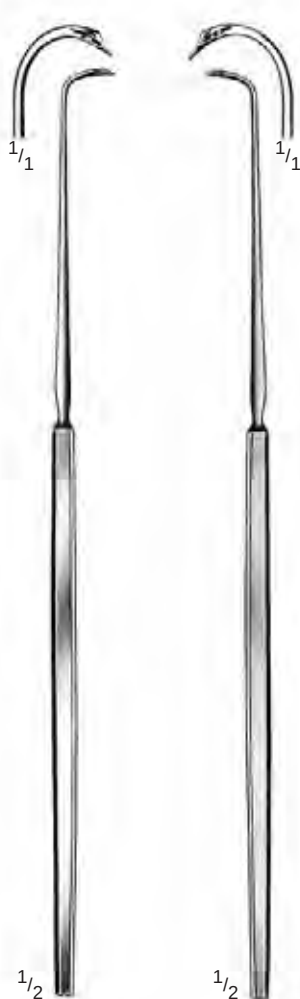
Naht
Suture
Sutura
Suture

Nadeln zur Gaumennaht, Tonsillennadeln
Cleft Palate Needles, Tonsil Needles
Agujas para suturas de amígdalas y del paladar
Aiguilles pour suture du palais, aiguilles pour amygdales



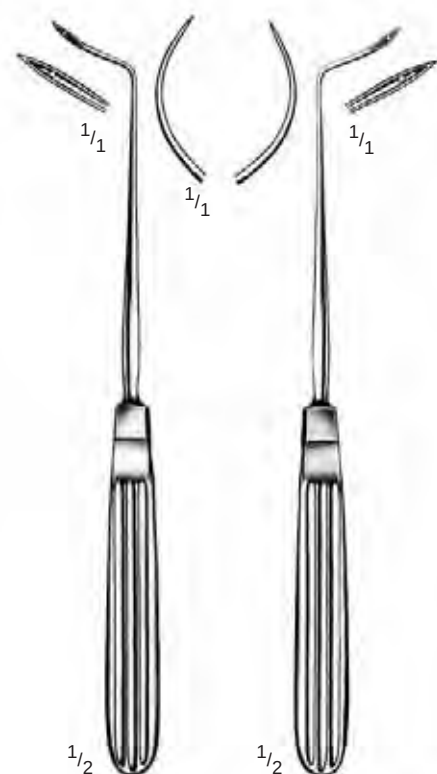
Rotter
26 cm/10 $\frac{1}{4}$ "

Rotter
26 cm/10 $\frac{1}{4}$ "



Durham
25 cm/10"
24-0931-25

Durham
25 cm/10"
24-0933-25



Alexander
20 cm/8"
24-0941-20

Alexander
20 cm/8"
24-0943-20

ابزار بخیه

Naht
Suture
Sutura
Suture



Nadeln zur Gaumennaht, Tonsillennadeln
Cleft Palate Needles, Tonsil Needles
Agujas para suturas de amígdalas y del paladar
Aiguilles pour suture du palais, aiguilles pour amygdales



Eicken
17 cm/6³/₄"
24-0951-17



Walker
22 cm/8³/₄"
24-0953-22



Dupuy-Weiss
22 cm/8³/₄"
24-0965-22



Dupuy-Weiss
22 cm/8³/₄"
24-0967-22



Falk
24 cm/9¹/₂"
24-0973-24



Falk
24 cm/9¹/₂"
24-0975-24



Claus-Eicken
23 cm/9"
24-0979-23

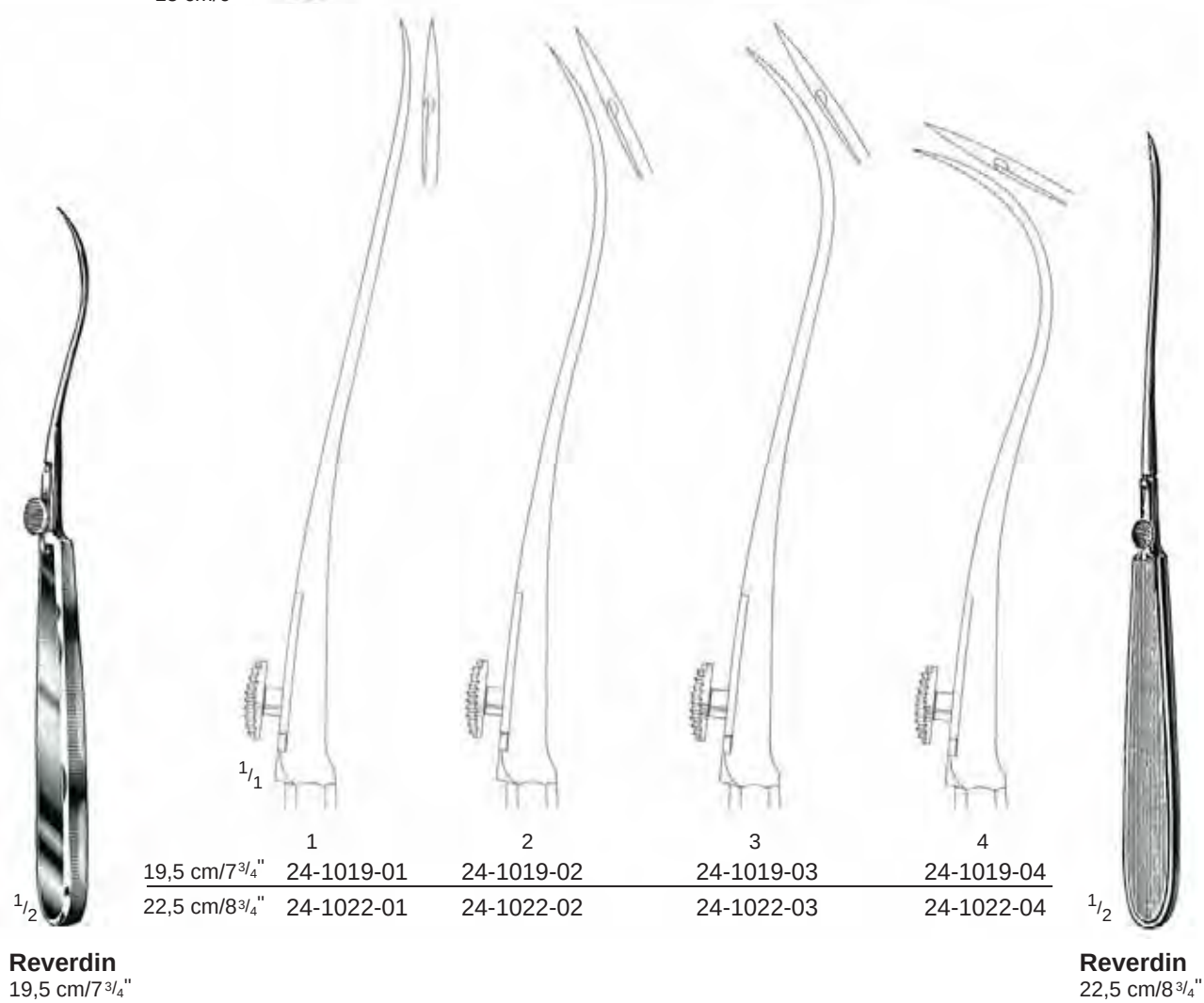
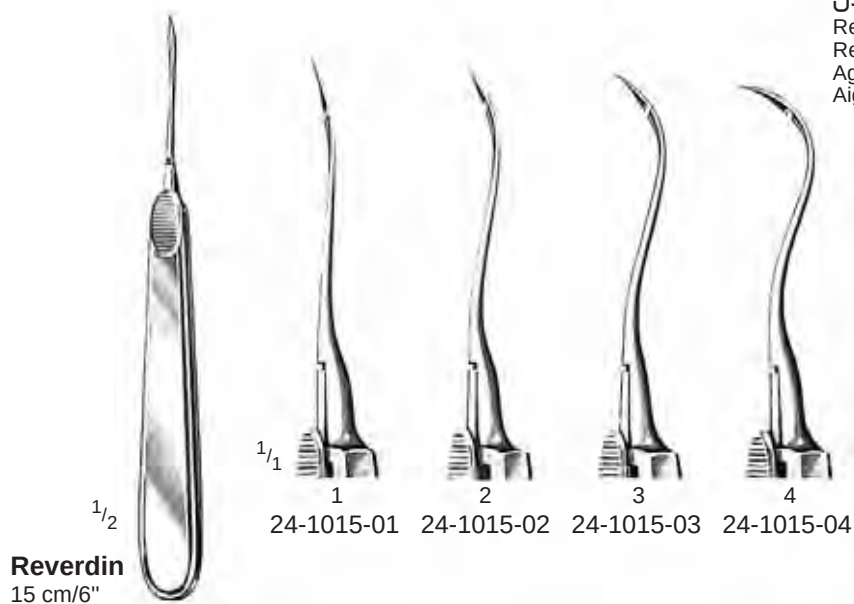


ابزار بخیه

Naht
Suture
Sutura
Suture

سوزن روردين

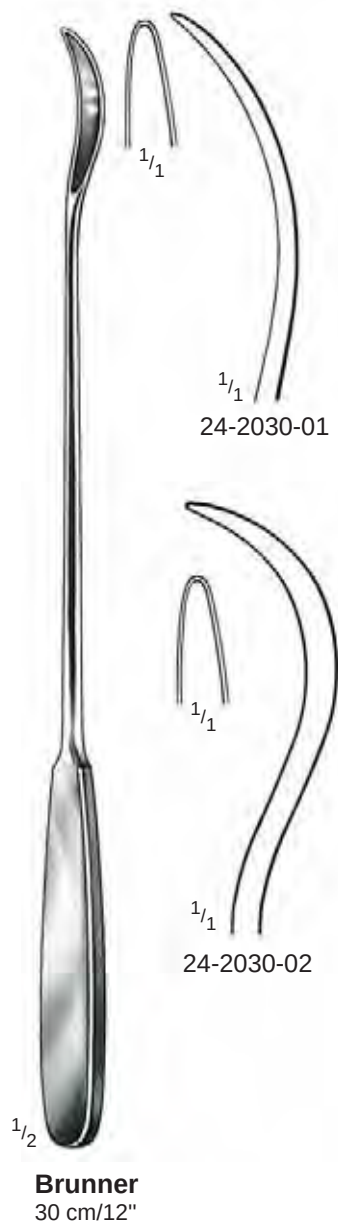
Reverdin-Nadeln
Reverdin Needles
Agujas de Reverdin
Aiguilles de Reverdin



ابزار بخیه
Naht
Suture
Sutura
Suture



Führungshohlsonden
Ligature Conductors, Guiding Probes
Sondas conductoras
Sondes conductrices, guide-fils

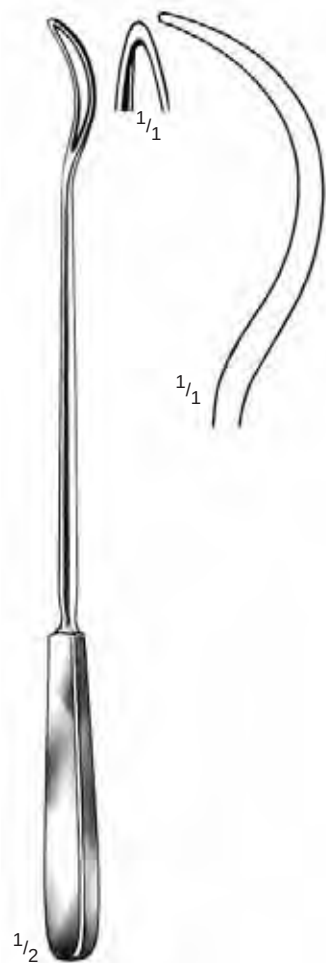


24-2030-01





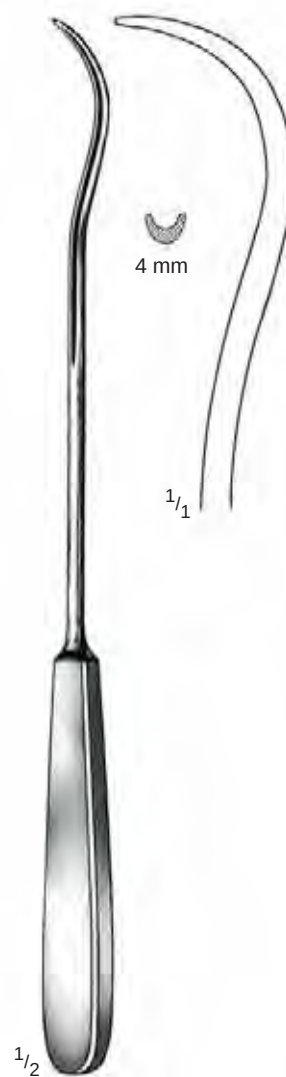
Führungshohlsonden
Ligature conductors
Sondas conductoras
Sondes conductrices



Brunner
25 cm/10"
24-2041-25

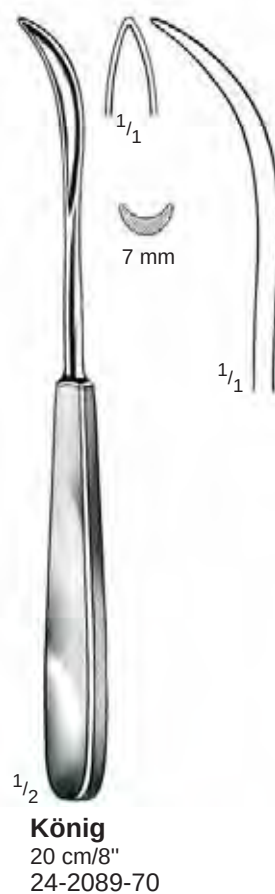
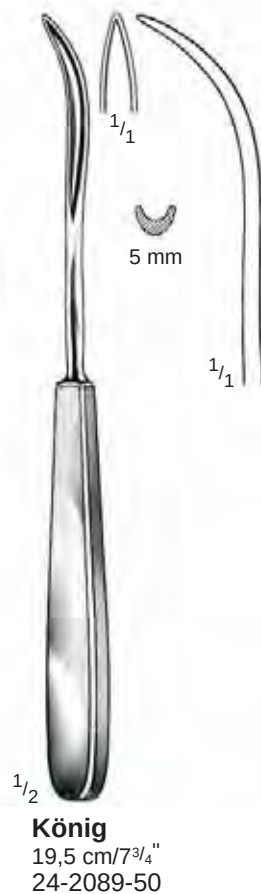
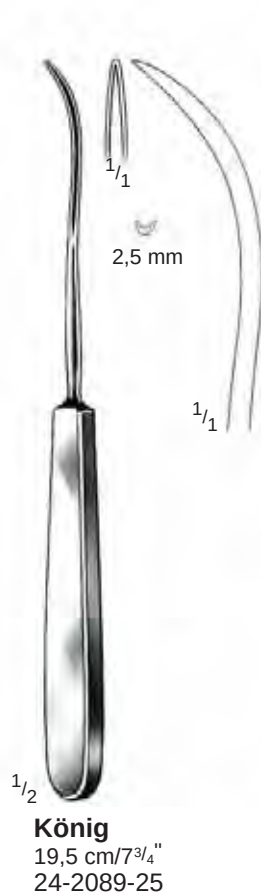
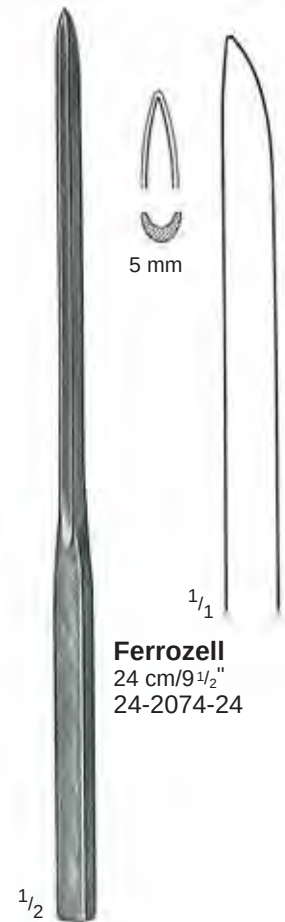
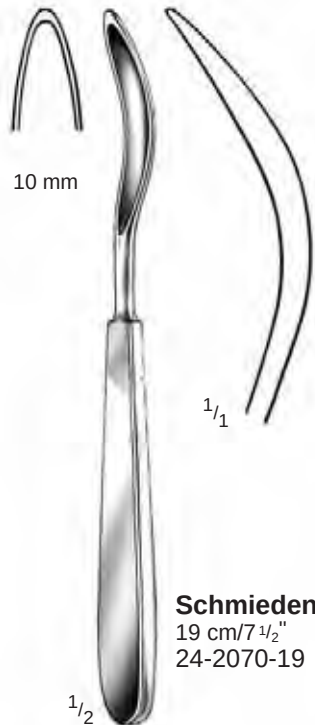
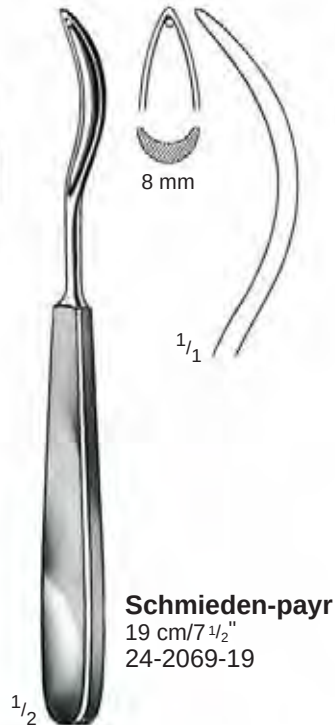
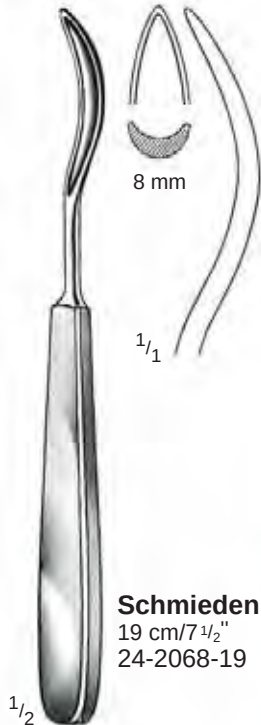


Kirschner
25,5 cm/10"
24-2045-25

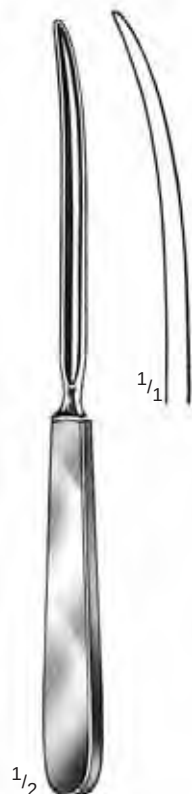


28 cm/11"
24-2054-28

Führungshohlsonden • Ligature conductors • Sondas conductoras ■ Sondes conductrices



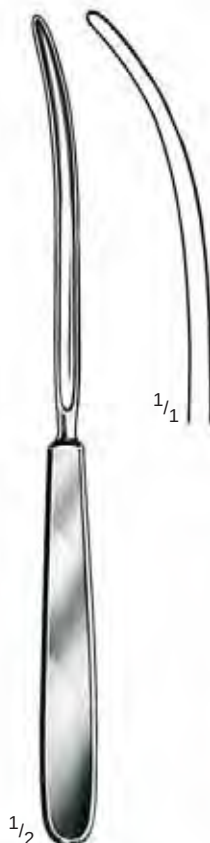
Führungshohlsonden
Ligature conductors
Sondas conductoras
Sondes conductrices



Payr
20 cm/8"
24-2111-20



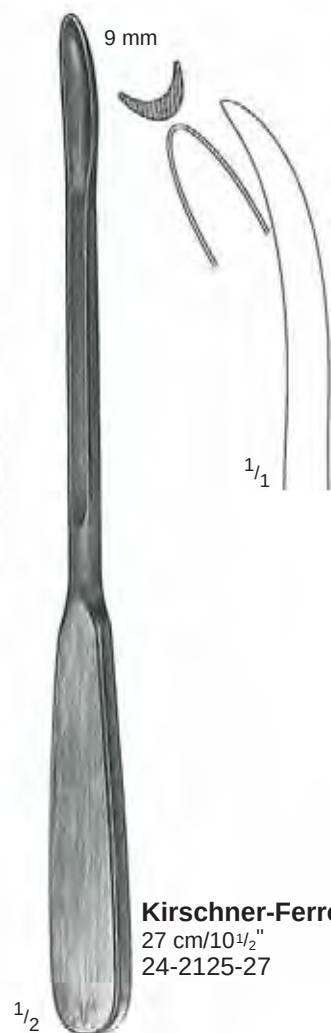
Payr
22 cm/8 3/4"
24-2110-22



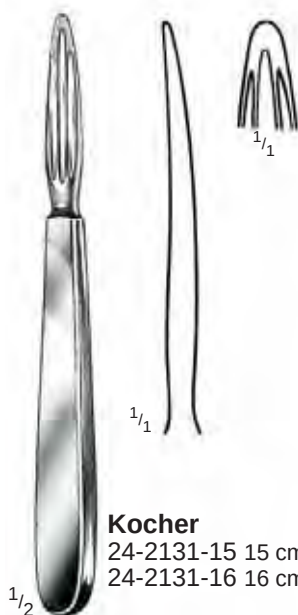
Payr
22 cm/8 3/4"
24-2111-22



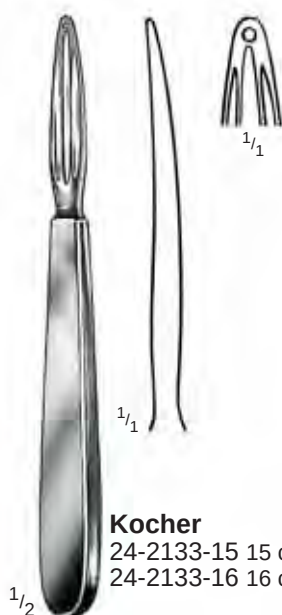
Kirschner-Ferrozell
18,5 cm/7 1/4"
24-2125-18



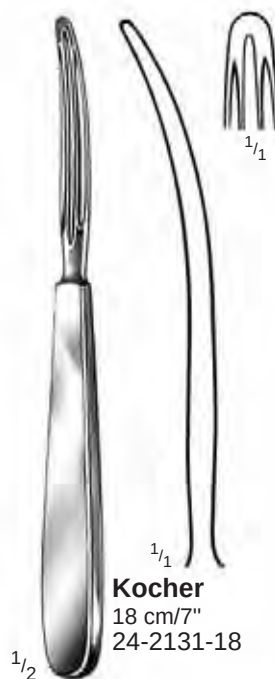
Kirschner-Ferrozell
27 cm/10 1/2"
24-2125-27



Kocher
24-2131-15 15 cm/6"
24-2131-16 16 cm/6 1/4"



Kocher
24-2133-15 15 cm/6"
24-2133-16 16 cm/6 1/4"



Kocher
18 cm/7"
24-2131-18



Kocher
18 cm/7"
24-2133-18

Fadenfänger, Fadengabel, Fadenführer
Suture Hook, Knot Tier, Ligature Carrier
Porta ligaduras, horquilla para ligaduras, conductor de hilo
Porte-ligatures, fourche à fil, guide fil



Modell Wien
23,5 cm/9 1/4"
24-2550-23



Bozemann
21 cm/8 1/4"
24-2560-21



23 cm/9"
24-2570-23



Friedrich
16,5 cm/6 1/2"
24-2580-16



ابزار بخیه

Naht
Suture
Sutura
Suture

Wundklammern
Suture Clips
Agrafes para sutura
Agrafes à suture



Größen sizes tamaños tailles mm	Verkaufseinheit sales unit unidad de venta unité de vente	1000 St. 1000 ea. 1000 pzas 1000 pcs
7,5 x 1,75	24-2710-07	
11,0 x 2	24-2710-11	
12,0 x 3	24-2710-12	
14,0 x 3	24-2710-14	
16,0 x 3	24-2710-16	
18,0 x 3	24-2710-18	
20,0 x 3	24-2710-20	
22,0 x 3	24-2710-22	

Michel



Größen sizes tamaños tailles mm	Verkaufseinheit sales unit unidad de venta unité de vente	100 St. 100 ea. 100 pzas 100 pcs
12 x 3	24-2720-12	
14 x 3	24-2720-14	
16 x 3	24-2720-16	
18 x 3	24-2720-18	
20 x 3	24-2720-20	

Wachenfeldt



Kölner Sparklammern 24-2750-10

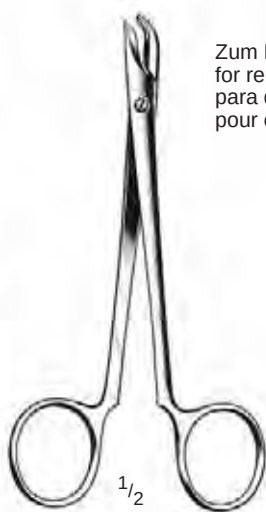
Verkaufseinheit 10 St.
sales unit 10ea.
unidad de venta 10 pzas
unité de vente 10 pcs

Zum Ansetzen und Entfernen
for applying and removing
para poner y quitar
pour poser et enlever



1/2

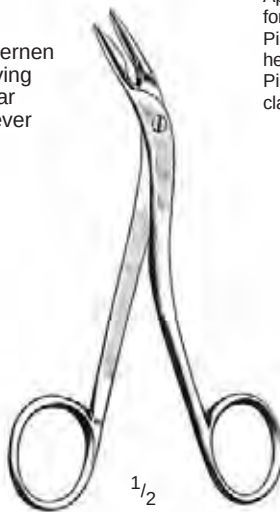
Michel
12 cm/4 3/4"
24-2760-12



1/2

Collin
13 cm/5"
24-2767-13

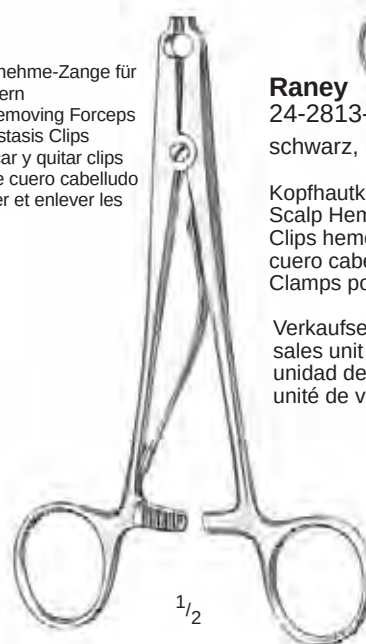
Zum Entfernen
for removing
para quitar
pour enlever



1/2

Richter-Heath
14 cm/5 1/2"
24-2769-14

Anlege- und Abnehme-Zange für
Kopfhautklammern
Applying and Removing Forceps
for Scalp Hemostasis Clips
Pinza para aplicar y quitar clips
hemostáticas de cuero cabelludo
Pince pour poser et enlever les
clamps



1/2

Raney
16 cm/6 1/4"
24-2812-16



1/1

Raney 24-2813-12

schwarz, black, negro, noir

Kopfhautklammern
Scalp Hemostasis Clips
Clips hemostáticas para
cuero cabelludo
Clamps pour le cuir chevelu

Verkaufseinheit 12 St.
sales unit 12ea.
unidad de venta 12 pzas
unité de vente 12 pcs



McKenzie
18 cm/7"
24-2900-18

Clip-Biege- und Schneidezange
Clip Bending and Cutting Forceps
Pinza para doblar y cortar clips
Pince pour couper et plier clips



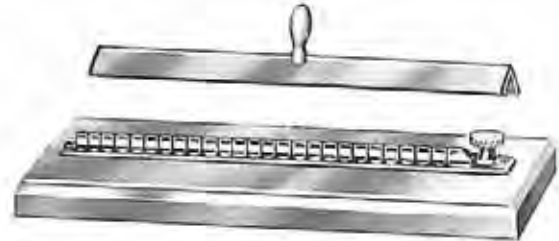
Silberdraht in Ringen
Silver Wire in coils
Hilo de plata en rollos
Fil d'argent en rouleaux

McKenzie 2,5 g
24-2900-25

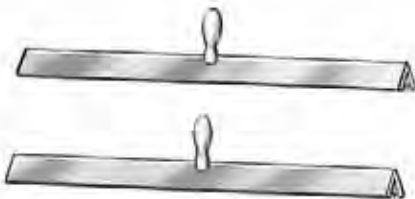


McKenzie
24-2900-10

100 Klammern im Plastikbehälter
100 Brain Clips in plastic vial
100 grapas en tubo de plástico
100 agrafes en flacon en matière plastique



24-2900-20 Klammernbock für 20 Klammern
Brain Clip-Rack for 20 Clips
Porta-grapas para 20 grapas
Support porte-agraves pour 20 clips



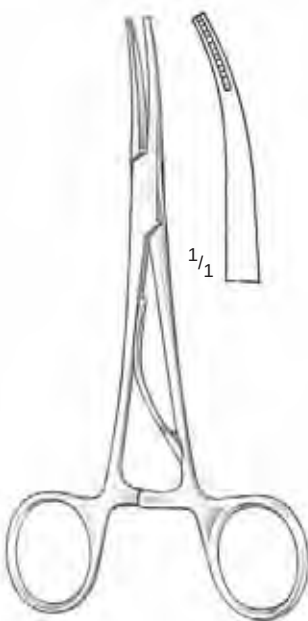
24-2900-40 Klammernbock für 40 Klammern
Brain Clip-Rack for 40 Clips
Porta-grapas para 40 grapas
Support porte-agraves pour 40 clips

Zangen zum Anlegen
der Klammern

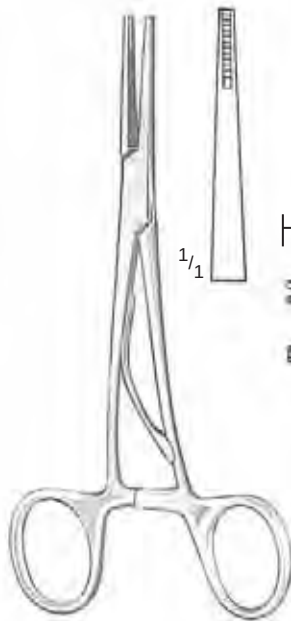
Clip Applying Forceps

Pinzas para poner
las grapas

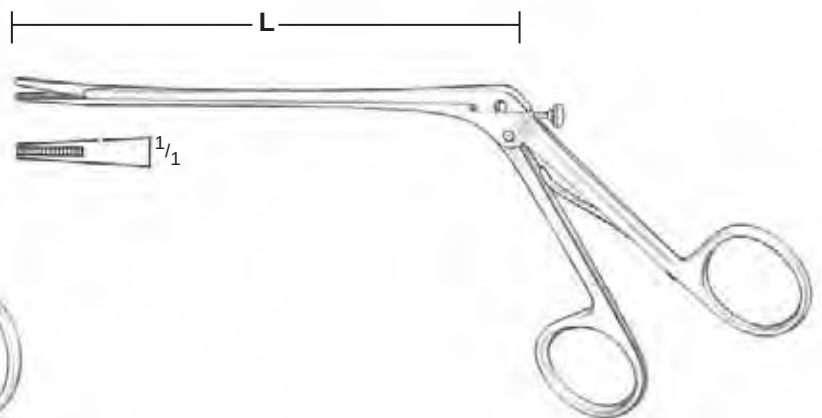
Pincers pour poser
les agrafes.



McKenzie
24-2901-15 = 15 cm/6"
24-2901-19 = 19 cm/7 1/2"



McKenzie
24-2903-15 = 15 cm/6"
24-2903-19 = 19 cm/7 1/2"



Olivecrona-Toennis (Scoville)
L = 14 cm/5 1/2" = 24-2912-14
L = 21 cm/8 1/4" = 24-2912-21



25

Univer®



انواع پروب، اسپاچولا، پنبه پیچ، لوله ساکشن، سوزن تروکا
ست واریس، دیلاتور، لوله تراکستومی

**Sonden, Pflasterspatel,
Watteträger, Saugrohre,
Saugkanülen, Trokare,
Instrumente zur Varizen-
behandlung, Dilatatoren,
Tracheotomie**

**Probes, Plaster Spatulas,
Cotton Carriers, Suction
Tubes, Trocars,
Vein Strippers, Dilators,
Tracheotomy**

**Sondas, espátulas para
emplastos, porta algodones,
Cánulas de aspiración,
trócares, instrumentos
para tratamiento de las
várices, dilatadores,
Traqueotomia**

**Sondes, spatules à plâtres,
porte-cotons, Canules à
aspiration, trocars,
instruments pour
traitement des varices,
dilatateurs, Trachéotomie**

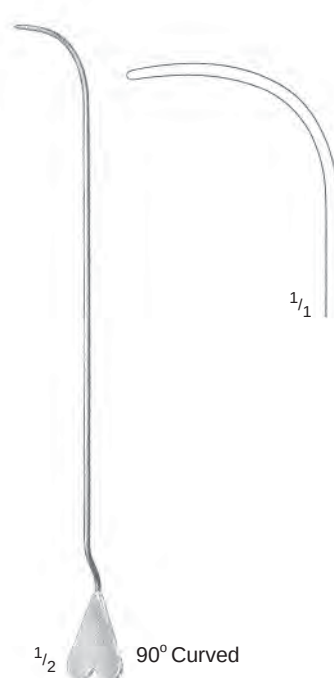
Univer - Made in IRAN



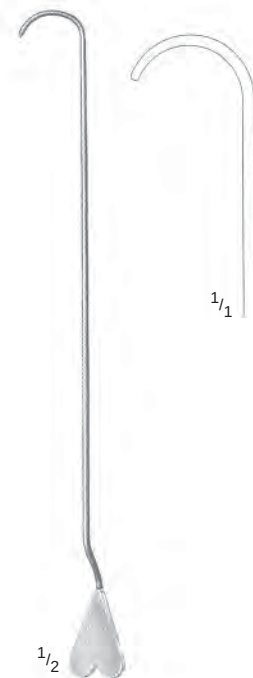
Lockhart-Mummery
16,5 cm/6 1/2"
25-0001-16



Lockhart-Mummery
16,5 cm/6 1/2"
25-0002-16



Lockhart-Mummery
16,5 cm/6 1/2"
25-0003-16



Lockhart-Mummery
16,5 cm/6 1/2"
25-0004-16



Cawthorne
14 cm/5 1/2"
25-0080-14



Killian
16,5 cm/6 1/2"
25-0066-16



16 cm/6 1/4"
25-0067-16

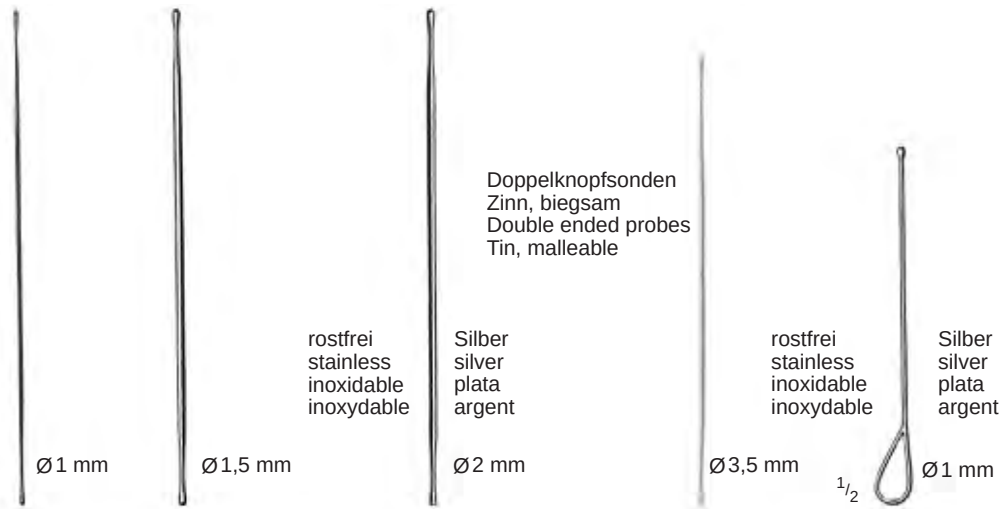


Seiffert
19,5 cm/7 3/4"
25-0069-19



12,5 cm/5"
25-0070-12

14,5 cm/5 3/4"
25-0071-14
Myrtenblattsonde
Myrtle leaf probe



Stacke

cm in.

11,5	4 1/2	25-0010-11	25-0015-11	25-0020-11	25-0021-11	25-0081-11	25-0082-11
13	5	25-0010-13	25-0015-13	25-0020-13	25-0021-13		
14,5	5 3/4	25-0010-14	25-0015-14	25-0020-14	25-0021-14		
16	6 1/4	25-0010-16	25-0015-16	25-0020-16	25-0021-16		
18	7	25-0010-18	25-0015-18	25-0020-18	25-0021-18		
20	8	25-0010-20	25-0015-20	25-0020-20	25-0021-20		
25	10	25-0010-25	25-0015-25	25-0020-25	25-0021-25	25-0022-25	
30	12					25-0022-30	

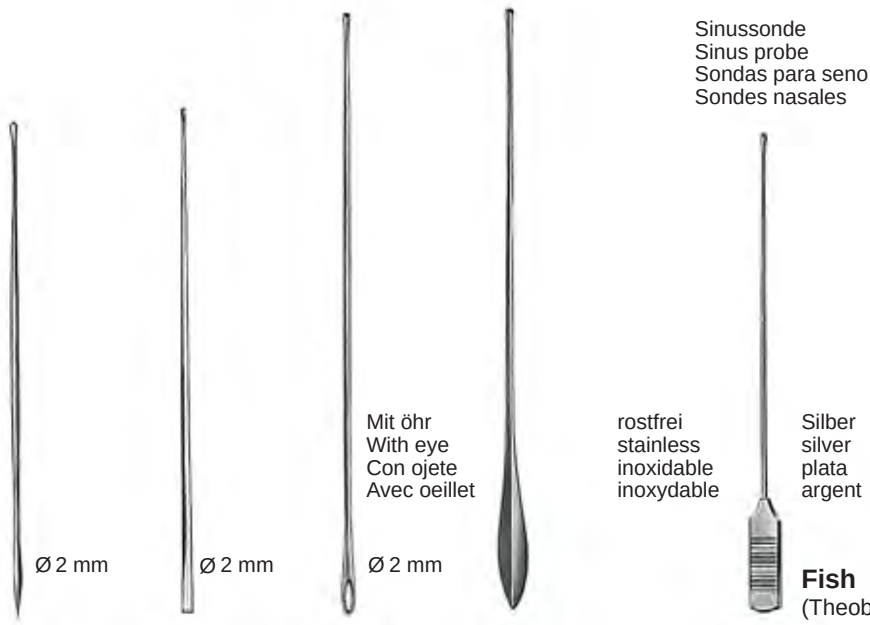
3 mm



Doppelknopfsonde,
biegsam, mit Loch
Double ended probe,
malleable, with hole

1/2

19 cm/7 1/2"
25-0030-19



Fish
(Theobald)
Ø 2 mm

cm in.

10,5	4 1/4			25-0065-10			
11,5	4 1/2			25-0052-11			
13	5	25-0032-13	25-0042-13	25-0052-13	25-0065-13		
14,5	5 3/4	25-0032-14	25-0042-14	25-0052-14	25-0065-14	25-0072-14	25-0073-14
16	6 1/4	25-0032-16	25-0042-16	25-0052-16	25-0065-16		
18	7	25-0032-18		25-0052-18		25-0072-18	
20	8	25-0032-20		25-0052-20	25-0065-20		
25	10	25-0032-25		25-0052-25			

انواع پروب واسپاچولا (استيله - كانوله)

Sonden, Watteträger, Spatel

Probes, Cotton Applicators, Spatulas

Sondas, Porta-algodones, Espátulas

Sondes, Porte-cotons, Spatules



Doyen



Nélaton



Pflasterspatel
Plaster spatulas
Espátulas para emplastos
Spatules à emplâtres

cm in.

10,5	4 1/4	25-0100-11	25-0110-11		
13	5	25-0100-13	25-0110-13		25-0502-13
14,5	5 3/4	25-0100-14	25-0110-14	25-0101-14	25-0502-14
16	6 1/4	25-0100-16	25-0110-16		25-0120-16
18	7	25-0100-18	25-0110-18		
20	8	25-0100-20	25-0110-20		

Tränenkanalsonden. Lachrymal probes. Estiletes lacrimales. Stylets pour les voies lacrymales

Silber silver plata argent	rostfrei stainless inoxidable inoxydable	Neusilber German silver Plata alemana Maillechort	Fig.	Silber silver plata argent	rostfrei stainless inoxidable inoxydable	Neusilber German silver Plata alemana Maillechort
25-0300-00	25-0302-00	25-0304-00	0000/000	25-0310-00	25-0312-00	25-0314-00
25-0300-10	25-0302-10	25-0304-10	00/0	25-0310-10	25-0312-10	25-0314-10
25-0301-01	25-0303-01	25-0305-01	0/1	25-0311-01	25-0313-01	25-0315-01
25-0301-12	25-0303-12	25-0305-12	1/2	25-0311-12	25-0313-12	25-0315-12
25-0301-23	25-0303-23	25-0305-23	2/3	25-0311-23	25-0313-23	25-0315-23
25-0301-34	25-0303-34	25-0305-34	3/4	25-0311-34	25-0313-34	25-0315-34
25-0301-45	25-0303-45	25-0305-45	4/5	25-0311-45	25-0313-45	25-0315-45
25-0301-56	25-0303-56	25-0305-56	5/6	25-0311-56	25-0313-56	25-0315-56
25-0301-67	25-0303-67	25-0305-67	6/7	25-0311-67	25-0313-67	25-0315-67
25-0301-78	25-0303-78	25-0305-78	7/8	25-0311-78	25-0313-78	25-0315-78

geknöpft
probe-pointed
abotonados
bouts olivaires

Bowman (Williams)

14 cm/5 1/2"

zylindrisch
cylindrical
cilindricos
cylindriques

Bowman

14 cm/5 1/2"

1/1

19 cm/7 1/2"
25-0121-19

1/2

ösenrinnensonde,
biegsam
Director with wire loop,
malleable

Fig.	0000	000	00	0	1	2	3	4	5	6	7	8
Ø mm	0,5	0,6	0,7	0,8	0,9	1,1	1,3	1,4	1,5	1,6	1,8	1,9

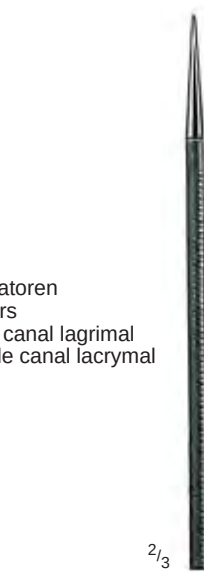
Ø 0,9 mm
Sonde
Probe
Sonda
Sonde
Silber
Silver
Plata
Argent

Tränenkanaldilatatore
Lachrymal Dilators
Dilatadores para canal lagrimal
Dilatateurs pour le canal lacrymal

Fig. 1 Fig. 3 Fig. 5



Fig. 2 Fig. 4 Fig. 6



انواع پنبه پیچ (اپلیکاتور)

Watteträger
Cotton Applicators
Porta-algodones
Porte-cotons



Piccolo-0,8 mm
11 cm/4 1/2"
25-0631-08

Piccolo-0,8 mm
11 cm/4 1/2"
25-0632-08

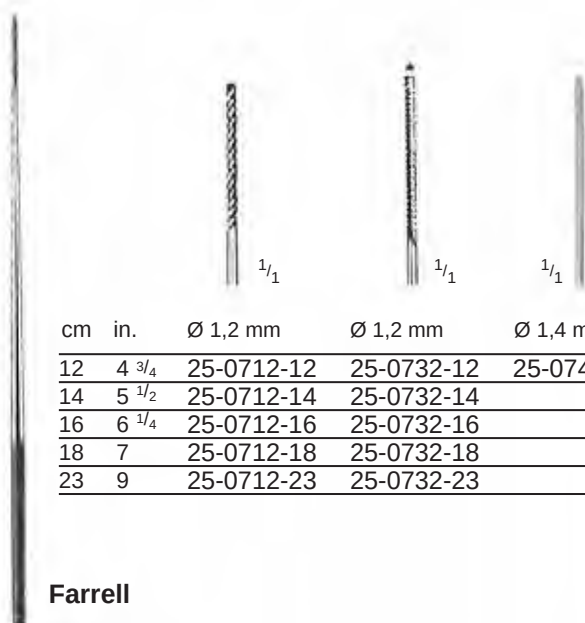


Liebermann-1,5 mm
14 cm/5 1/2"
25-0642-14



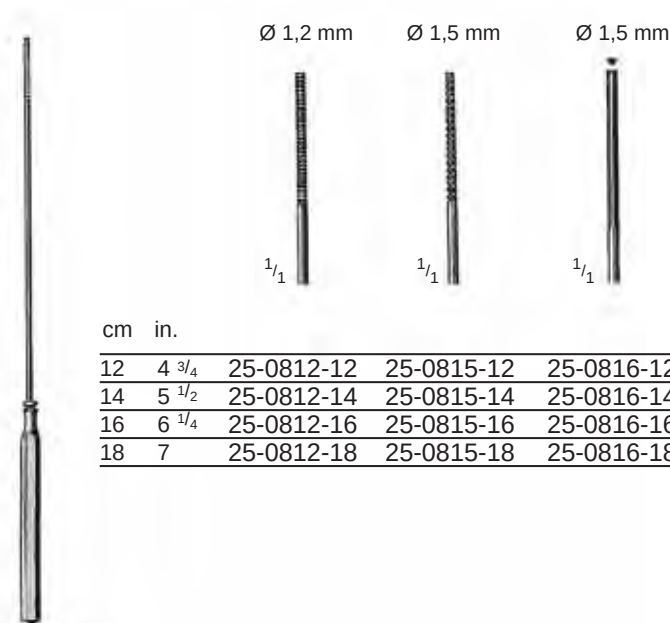
Universal

cm	in.	Ø 1,5 mm	Ø 1,5 mm
12	4 3/4	25-0655-12	25-0656-12
14	5 1/2	25-0655-14	25-0656-14
16	6 1/4	25-0655-16	25-0656-16
18	7	25-0655-18	25-0656-18
23	9	25-0655-23	25-0656-23



Farrell

cm	in.	Ø 1,2 mm	Ø 1,2 mm	Ø 1,4 mm
12	4 3/4	25-0712-12	25-0732-12	25-0742-12
14	5 1/2	25-0712-14	25-0732-14	
16	6 1/4	25-0712-16	25-0732-16	
18	7	25-0712-18	25-0732-18	
23	9	25-0712-23	25-0732-23	



cm	in.	Ø 1,2 mm	Ø 1,5 mm	Ø 1,5 mm
12	4 3/4	25-0812-12	25-0815-12	25-0816-12
14	5 1/2	25-0812-14	25-0815-14	25-0816-14
16	6 1/4	25-0812-16	25-0815-16	25-0816-16
18	7	25-0812-18	25-0815-18	25-0816-18

انواع پنبه پیچ (اپلیکاتور)

Watteträger

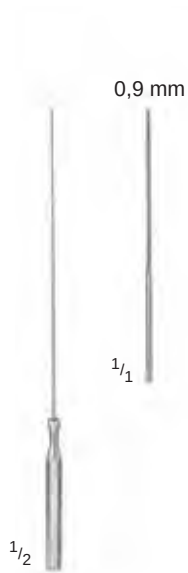
Cotton Applicators

Porta-algodones

Porte-cotons

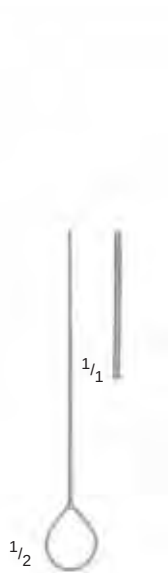


25



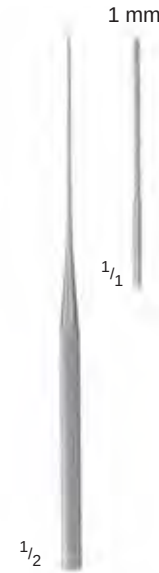
Buck

12 cm/4³/₄"
25-0817-12

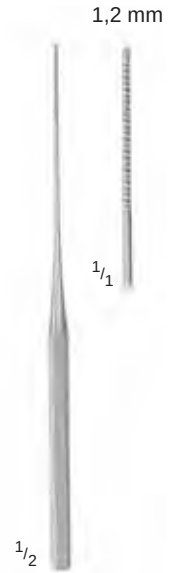


Kings's college hospital

9 cm/3³/₈"
25-0643-09



14 cm/5¹/₂"
25-0840-14



14 cm/5¹/₂"
25-0841-14



Lathbury-farrell

16 cm/6³/₄"
25-0842-16



18 cm/7"
25-0860-18



18 cm/7"
25-0862-18



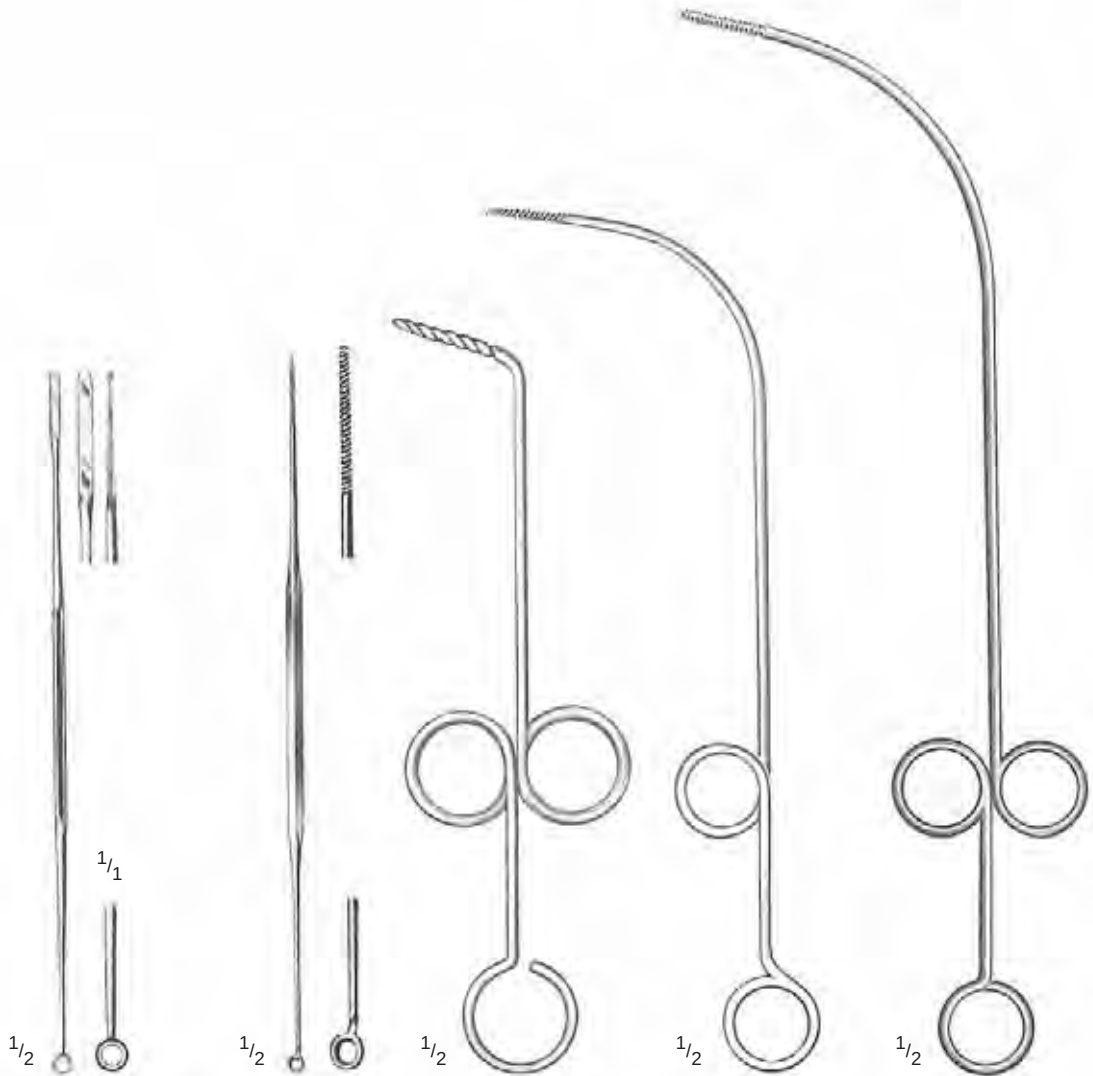
انواع پنبه پیچ (اپلیکاتور)

Watteträger

Cotton Applicators

Porta-algodones

Porte-cotons



Jobson-Horne
18 cm/7"
25-0828-18

Jobson-Horne
18 cm/7"
25-0829-18

Hartmann
20 cm/8"
25-0903-20

Pelteson
23 cm/9"
25-0905-23

Fein
28 cm/11"
25-0907-28

انواع سرساکشن

Saugrohre

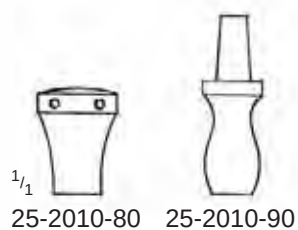
Suction Tubes

Tubos aspiradores

Tubes d'aspiration



25



Ø 10 mm

Ø 6 mm

Ø 8 mm

Ø 4 mm

Ø 5 mm

Ø 6 mm

1/2

1/2

1/4

1/2

1/2

Andrew-Pynchon

24 cm/9 1/2"
25-2004-24

Baby-Yankauer

21 cm/8 1/4"
25-2010-21

Yankauer

29,5 cm/11 1/2"
25-2010-29
mit Schlaucholive
with metal connection
con oliva de tuba
avec olive en métal

Poole

23,5 cm/9 1/4"
10 mm Ø, Charr.30
25-2123-10

Poole

25 cm/10"
8 mm Ø, Charr.23
25-2155-08

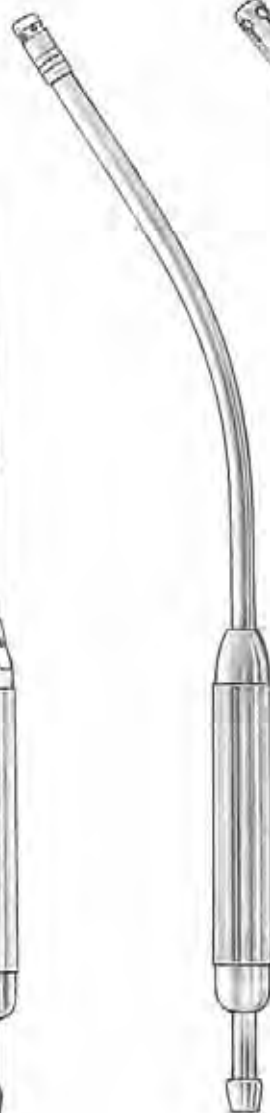
Ø 8 mm



1/2

Cooley
 36 cm/14"
 25-2170-36

Ø 8 mm



Ø 8 mm

Cooley
 31 cm/12"
 25-2172-30

130 mm
 Ø 8 mm

Ø 8 mm



Cooley
 30 cm/12"
 25-2173-30

Cooley
 33 cm/13 1/4"
 25-2175-33

1/2

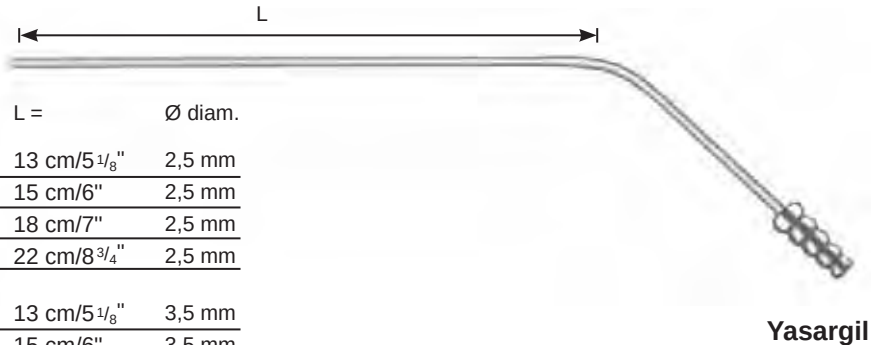
Cooley
 25 cm/10"
 25-2177-25

انواع سرساکشن و کانولا

Saugrohre
Suction Tubes and cannula
Tubos aspiradores
Tubes d'aspiration



L =			L =		
Ø diam.			Ø diam.		
25-2305-13	13 cm/5 1/8"	1,5 mm	25-2306-13	13 cm/5 1/8"	2,5 mm
25-2305-15	15 cm/6"	1,5 mm	25-2306-15	15 cm/6"	2,5 mm
25-2305-18	18 cm/7"	1,5 mm	25-2306-18	18 cm/7"	2,5 mm
25-2305-22	22 cm/8 3/4"	1,5 mm	25-2306-22	22 cm/8 3/4"	2,5 mm
25-2307-13	13 cm/5 1/8"	2,0 mm	25-2308-13	13 cm/5 1/8"	3,5 mm
25-2307-15	15 cm/6"	2,0 mm	25-2308-15	15 cm/6"	3,5 mm
25-2307-18	18 cm/7"	2,0 mm	25-2308-18	18 cm/7"	3,5 mm
25-2307-22	22 cm/8 3/4"	2,0 mm	25-2308-22	22 cm/8 3/4"	3,5 mm
			25-2309-18	18 cm/7"	4,5 mm



Yasargil



Frazier
12 cm/4 3/4" 25-2330-30 2 mm
12 cm/4 3/4" 25-2330-25 2,5 mm
12 cm/4 3/4" 25-2330-33 3 mm
12 cm/4 3/4" 25-2340-30 3 mm Silver plated
12 cm/4 3/4" 25-2340-20 2 mm Gold plated

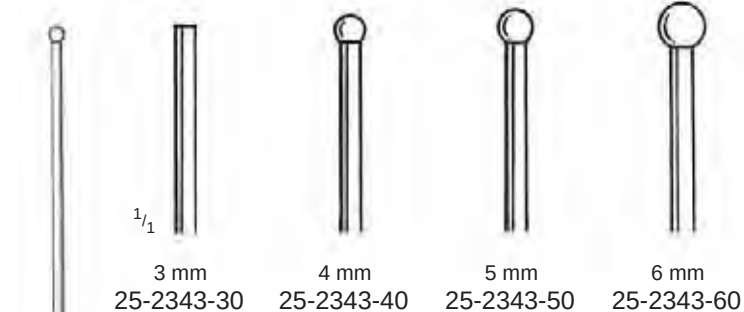


Seiffert
12,5 cm/5"
25-2341-12

7 Fr. 2.3 mm,
luer lock sterling,
3 hole closed end



Elsberg
11 cm/4 3/4"
25-2342-11



Gefäßspülkanülen, biegsam, versilbert
Vessel irrigating cannulas, malleable, silver plated
Cánulas vasculares para irrigación, maleables, plateadas
Canules pour lavage des vaisseaux, malléables, argentées

1/2

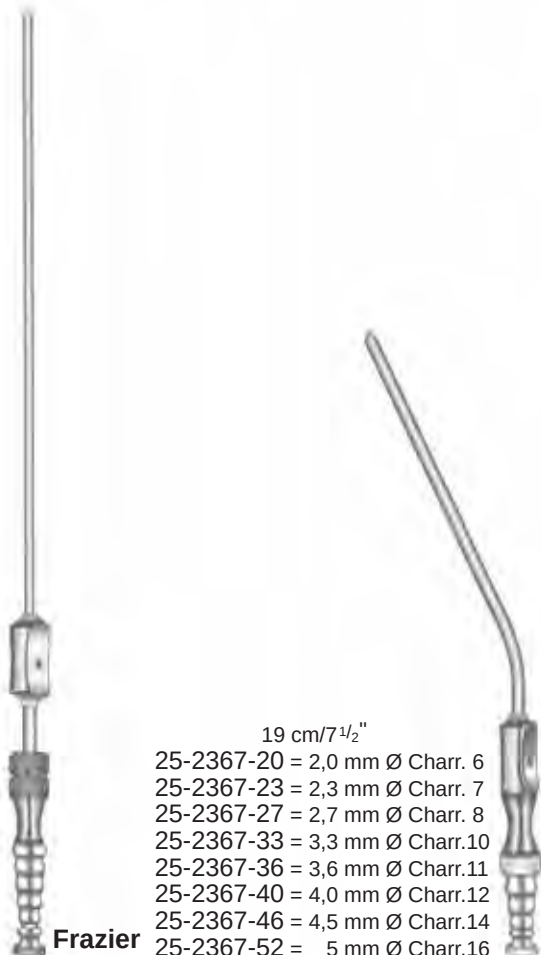
Schmid LLA
15 cm/6"



25-2345-15 1,5 mm 25-2346-15
25-2345-20 2 mm 25-2346-20
25-2345-25 2,5 mm 25-2346-25
25-2345-35 3,5 mm 25-2346-35
With additional side holes

Adson Charr. 12
21 cm/8 1/4", 4 mm Ø
25-2345-40

24 cm/9 1/2"
3 mm
25-2353-30

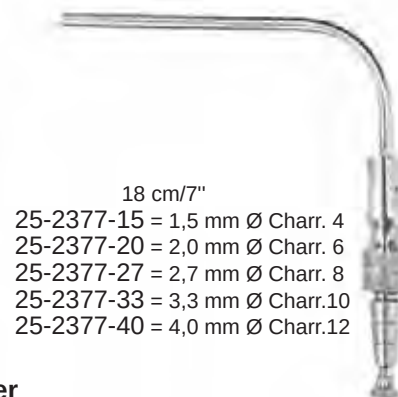


Frazier

25-2367-20 = 2,0 mm Ø Charr. 6
25-2367-23 = 2,3 mm Ø Charr. 7
25-2367-27 = 2,7 mm Ø Charr. 8
25-2367-33 = 3,3 mm Ø Charr.10
25-2367-36 = 3,6 mm Ø Charr.11
25-2367-40 = 4,0 mm Ø Charr.12
25-2367-46 = 4,5 mm Ø Charr.14
25-2367-52 = 5 mm Ø Charr.16

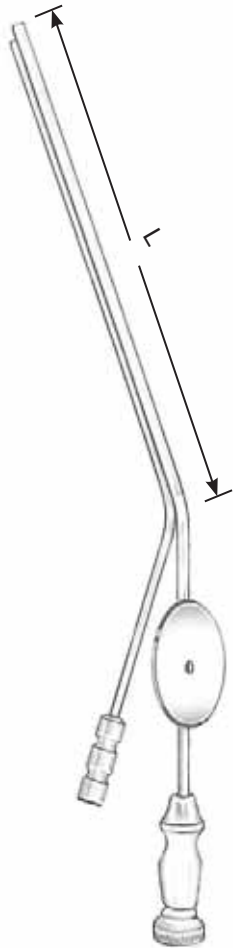
Frazier

mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece
90° to curve, with LUER hub



Fergusson

25-2377-15 = 1,5 mm Ø Charr. 4
25-2377-20 = 2,0 mm Ø Charr. 6
25-2377-27 = 2,7 mm Ø Charr. 8
25-2377-33 = 3,3 mm Ø Charr.10
25-2377-40 = 4,0 mm Ø Charr.12



House-Luer

Spül- und Absauginstrumente, mit Unterbrecherplatte
Irrigation and Suction Instruments, with thumb valve
Instrumentos de irrigación y aspiración, con placa intermitente
Instruments irrigateurs et aspirateurs, avec plaque à fonctionnement Intermittent

L = 9 cm/3 1/2"

Saugrohr Suction tube Tubo de aspiración Tube aspirateur	Spülrohr Irrigation tube Tubo de irrigación Tube irrigateur	
mm Ø	mm Ø	
0,9	x	0,7 25-2409-09
1,2	x	0,9 25-2409-12
1,5	x	1,2 25-2409-15
1,8	x	1,8 25-2409-18
2,5	x	2,0 25-2409-25
3,0	x	2,0 25-2409-30
4,5	x	2,0 25-2409-45

L = 18 cm/7"

Saugrohr Suction tube Tubo de aspiración Tube aspirateur	Spülrohr Irrigation tube Tubo de irrigación Tube irrigateur	
mmØ	mmØ	
1,8	x	1,8 25-2418-18
2,5	x	2,0 25-2418-25
3,0	x	2,0 25-2418-30

Ø 2,0 mm / Charr. 6 25-2461-06
Ø 2,6 mm / Charr. 8 25-2461-08
Ø 3,3 mm / Charr. 10 25-2461-10



25-2425-20

Schlauchverbindungsstück mit Luer-Konus und Unterbrecherplatte
Suction Adaptor with Luer tip and thumb valve
Enchufe de coneión, con cono Luer y placa intermitente
Raccord à embout Luer et plaque interruptrice

mit LUER-LOCK-Ansatz
with LUER-LOCK attachment
con cono LUER-LOCK
avec cône LUER-LOCK

Ø 0,6 x 80 mm 25-2429-06
Ø 0,8 x 80 mm 25-2429-08
Ø 1,0 x 80 mm 25-2429-10

Set handle with
three LUER-LOCK
attachmant

25-2426-20

Set handle with
four LUER-LOCK
attachmant

25-2426-24

Set handle with
two LUER-LOCK
attachmant

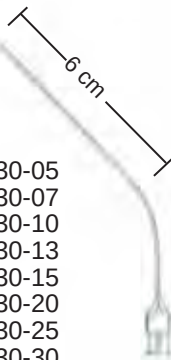
25-2427-20

90°



Ø 0,5 mm 25-2430-05
Ø 0,7 mm 25-2430-07
Ø 1,0 mm 25-2430-10
Ø 1,3 mm 25-2430-13
Ø 1,5 mm 25-2430-15
Ø 2,0 mm 25-2430-20
Ø 2,5 mm 25-2430-25
Ø 3,0 mm 25-2430-30

Rosen



Rosen

Ø 0,5 mm 25-2431-05
Ø 0,7 mm 25-2431-07
Ø 0,8 mm 25-2431-08
Ø 1,0 mm 25-2431-10
Ø 1,3 mm 25-2431-13
Ø 1,5 mm 25-2431-15
Ø 2,0 mm 25-2431-20
Ø 2,5 mm 25-2431-25

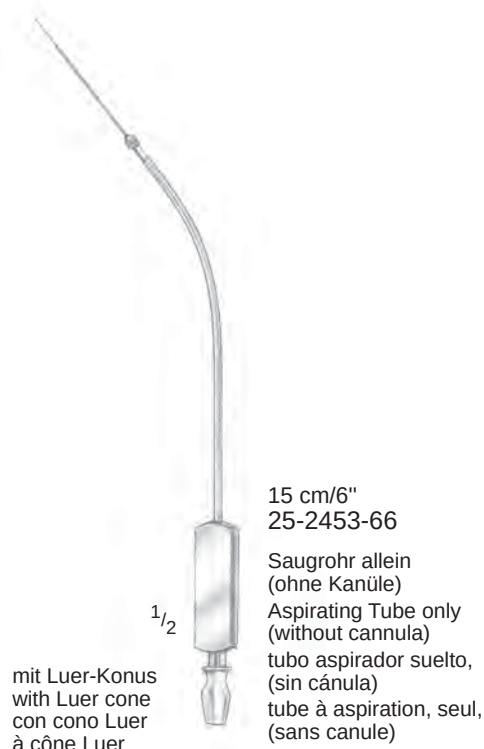


mit Unterbrecherplatte
with finger cut-off
con placa intermitente
avec plaque interruptrice

mit Luer-Konus
with Luer cone
con cono Luer
à cône Luer

1/2

Plester
19 cm/7 1/2"



15 cm/6"
25-2453-66

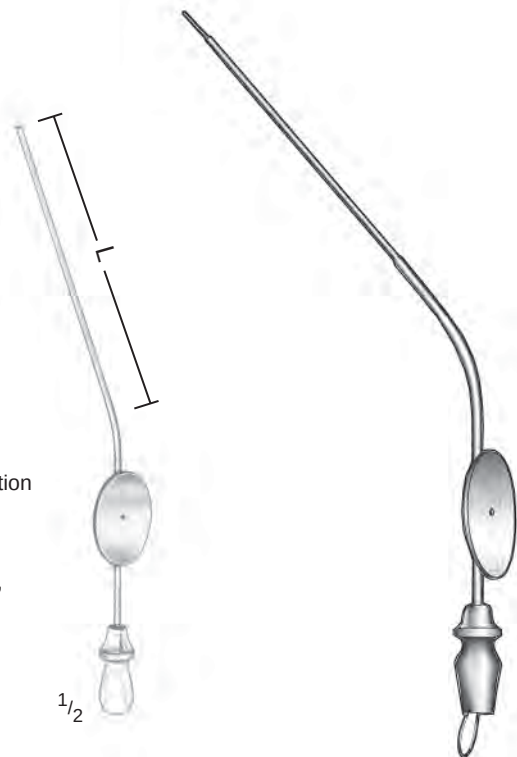
Saugrohr allein
(ohne Kanüle)
Aspirating Tube only
(without cannula)
tubo aspirador suelto,
(sin cánula)
tube à aspiration, seul,
(sans canule)



Zöllner

25-2453-75 Ø 0,5 mm
25-2453-77 Ø 0,7 mm

Aufsetzbare Mikro-Saugkanüle
allein, Nutzlänge 30 mm
Micro Suction Cannula only, for Suction
Tube, working length 30 mm
Microcánula aspiradora, suelta,
desmontable, largo útil 30 mm
Microcanule aspiratrice démontable,
seule, longueur utile 30 mm



Zöllner

18,5 cm/7 1/4"
25-2453-07

mit feinem Einstechröhrchen Ø 0,7 mm
with detachable fine suction tip Ø 0,7 mm
con punta de succión Ø 0,7 mm
avec rallonges de rechange Ø 0,7 mm

Baron (Schuknecht)

Ø charr. xL mm

1 mm/	3	75	25-2437-03
1,7 mm/	5	75	25-2437-05
2,3 mm/	7	75	25-2437-07
1 mm/	3	100	25-2437-03
1,7 mm/	5	100	25-2437-06
2,3 mm/	7	100	25-2437-07

Baron (Schuknecht)

Ø charr. xL mm

3	75	25-2438-03
5	75	25-2438-05
7	75	25-2438-07



1/2 Luer

Wullstein

16 cm/6 1/4"
25-2502-15 Ø 1,5 mm
25-2502-20 Ø 2,0 mm



1/2 Luer

Wullstein

16 cm/6 1/4"
25-2506-30



Luer

Spül- und Saughandgriff nach Wullstein, mit Unterbrecherplatte, passend für die Spül- und Absaugröhrchen nach Wullstein.

Handle with thumb valve for wullstein suction tubes
Mango de Irrigación y aspiración, de Wullstein, con placa intermitente, para los tubos de irrigación y aspiración de Wullstein.

Manche irrigateur et aspirateur de Wullstein, avec plaque à fonctionnement intermittent, s'adaptant aux tubes irrigateurs et aspirateurs de Wullstein.

1/2

Wullstein

10,5 cm/4 1/4"
25-2510-50

لوله ساکشن - کانولای شستشو - بوژی سینوس

Saugrohre, Spülkanülen, Stirnhöhlen-Dilatatoren

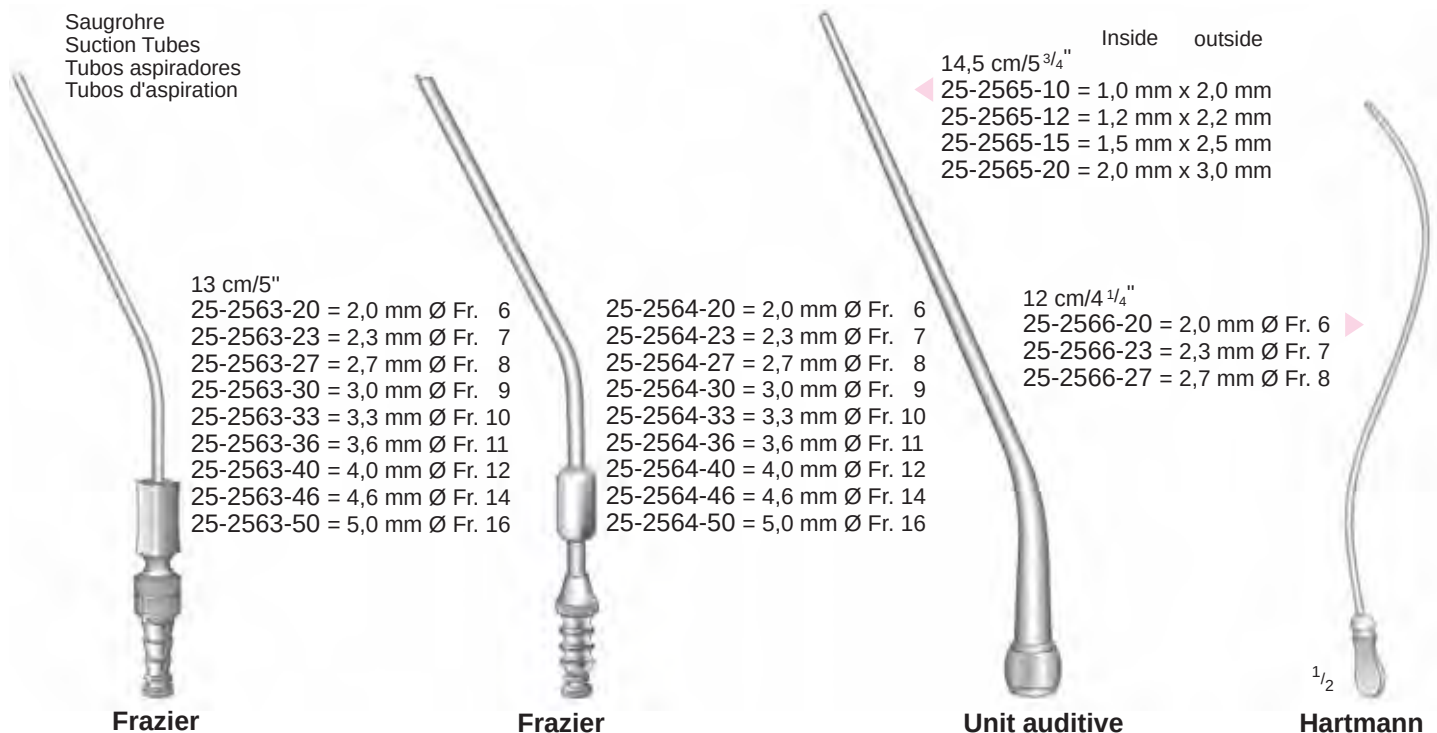
Suction Tubes, Wash Cannulas, Frontal Sinus Bougies

tubos aspiradores, cánulas de lavado, dilatadores para el seno frontal

tubes d'aspiration, canules pour le lavage, dilataleurs pour sinus



25

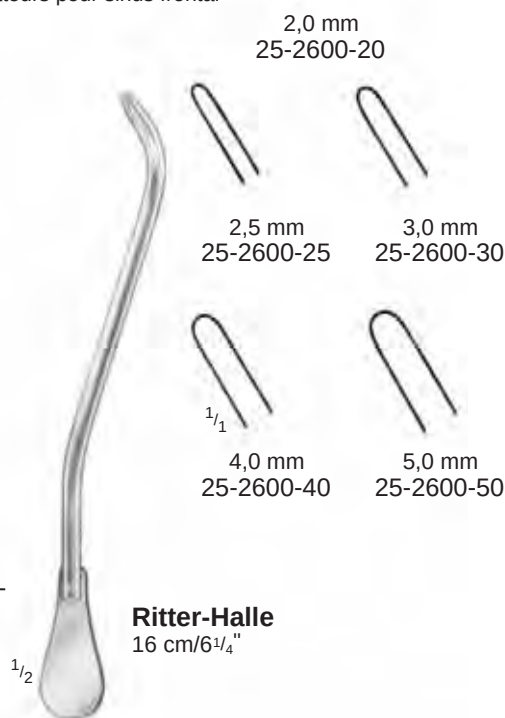


Nasen-Saugrohre
Nasal Suction Tubes
Aspiradores nasales
Aspirateurs nasaux

tip 6,5 mm



Stirnhöhlen-Dilatatoren
Frontal Sinus Bougies
Dilatadores para el seno frontal
Dilataleurs pour sinus frontal



انواع سرساکشن

انواع کانولای شستشوی سینوس و گوش

Saugrohre

Ohr-, Kiefer- und Stirnhöhlen-Spülkanülen

Suction Tubes

Ear, Antrum and Frontal Sinus Wash Cannulas

Tubos aspiradores

Cánulas lavadoras para senos maxilar y frontal y tubos de succión del oído

Tubes d'aspiration

Canules pour le lavage du sinus maxillaire et sinus frontal et à l'aspiration auriculaire

Ohrspülkanülen
Ear Suction Tubes
Tubos de succión del oído
Canules à aspiration et pour lavage

für die Kieferhöhle
for Antrum
para seno maxilar
pour le sinus maxillaire

ovale Öffnung
oval opening
abertura oval
ouverture ovale

auch für die Kieferhöhle
also for Antrum
también para seno maxilar
aussi pour le sinus maxillaire

Hartmann
8 cm/3" 8 cm/3"
Ø 2 mm Ø 2 mm
25-2608-20 25-2609-20

Killian
14,5 cm/5¾"
25-2614-25 2,5 mm Ø
25-2614-30 3,0 mm Ø

V.Eicken
12,5 cm/5"
25-2615-02 2,5 mm
25-2615-03 3,0 mm
25-2615-04 4,0 mm

V.Eicken
15 cm/6"
25-2615-02
25-2615-03
25-2615-04

Hartmann
12 cm/4¾"
25-2635-20 2,0 mm Ø
25-2635-25 2,5 mm Ø
25-2635-30 3,0 mm Ø

für die Kieferhöhle • for Antrum • para seno maxilar • pour le sinus maxillaire

für die Stirnhöhle
for frontal sinus
para seno frontal
pour le sinus frontal

25-2655-10 = 1,0 mm Ø
25-2655-15 = 1,5 mm Ø
25-2655-17 = 1,7 mm Ø
25-2655-20 = 2,0 mm Ø
25-2655-25 = 2,5 mm Ø
25-2655-30 = 3,0 mm Ø

25-2657-15 = 1,5 mm Ø
25-2657-17 = 1,7 mm Ø
25-2657-20 = 2,0 mm Ø
25-2657-25 = 2,5 mm Ø
25-2657-30 = 3,0 mm Ø

Schlaucholive für Siebenmann
Tubing Connector for Siebenmann
Oliva adicional para Siebenmann
Olive pour tubes pour Siebenmann

25-2657-90

Silber
Silver
Plata
Argent

Van Alyea
11 cm/4¼"
25-2641-01

Van Alyea
11 cm/4¼"
25-2641-02

Siebenmann
15 cm/6"

Eicken-Killian
13 cm/5"
3 mm Ø
25-2663-30

Killian
17,5 cm/7"
1,5 mm Ø
25-2686-15

انواع سرساکشن

Saugrohre

Suction Tubes

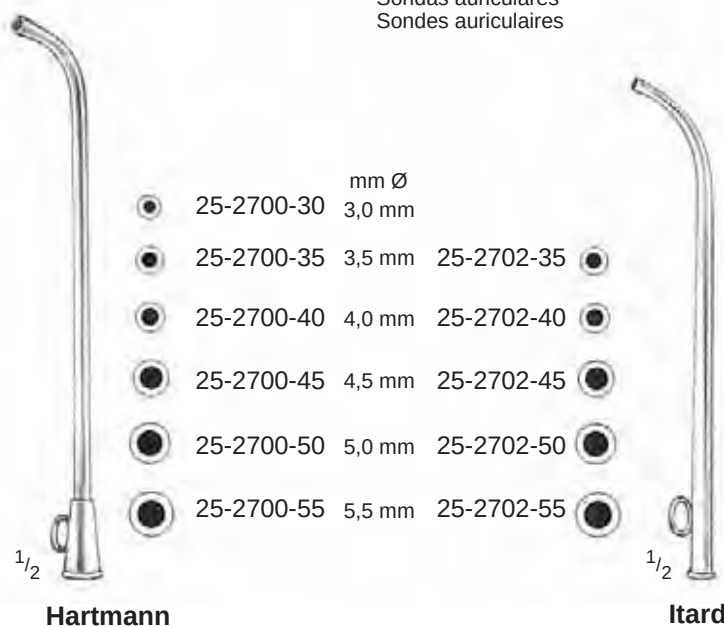
Tubos aspiradores

Tubes d'aspiration

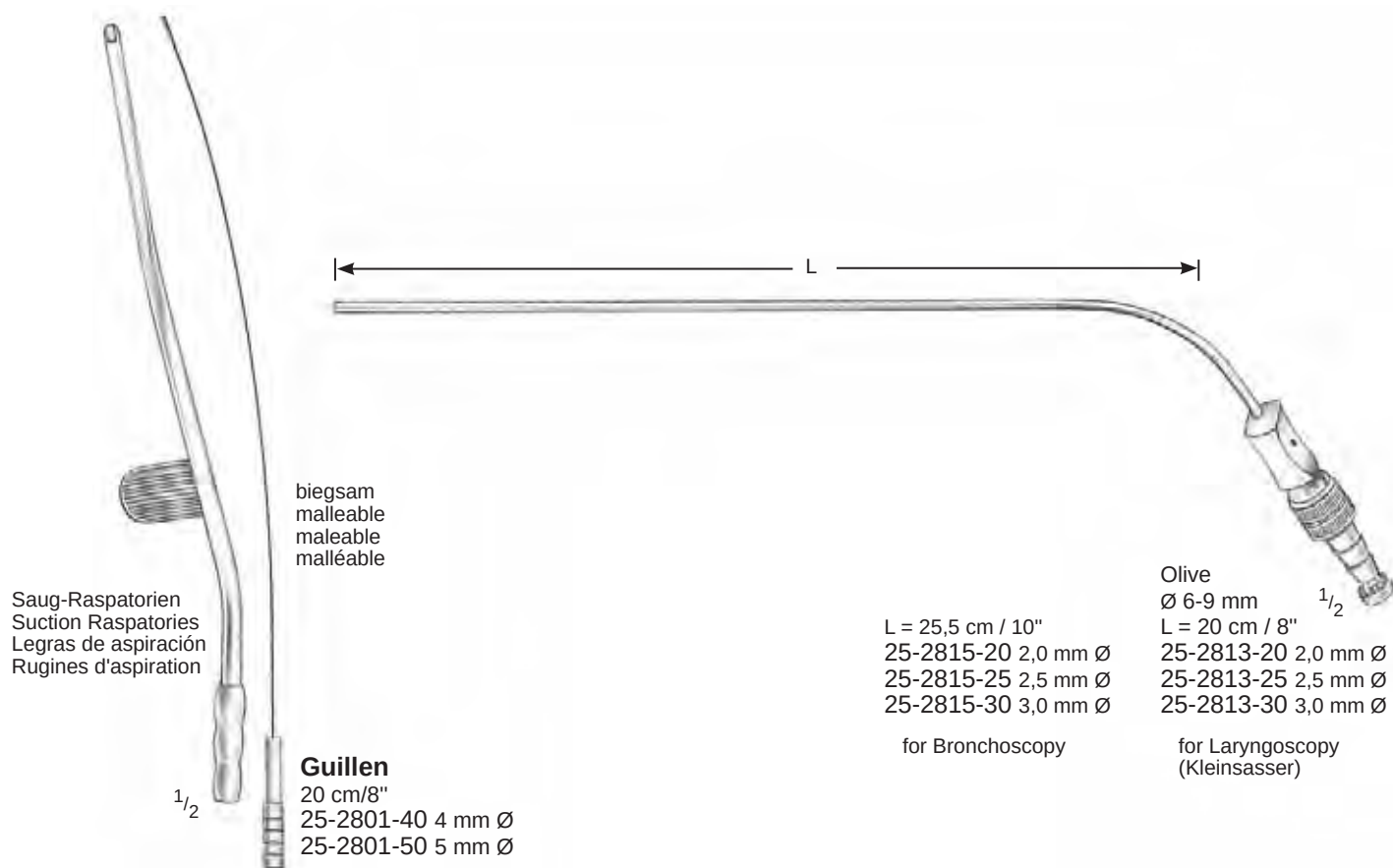


25

Ohrkatheter
Eustachian Catheters
Sondas auriculares
Sondes auriculaires



Metallolive mit Luer-Konus, für Hartmann-Katheter
Metal connector with Luer- tip, for Hartmann Catheters
Oliva de tubos, con cono Luer, para sondas Hartmann
Olive en métal avec embout Luer, pour sondes Hartmann

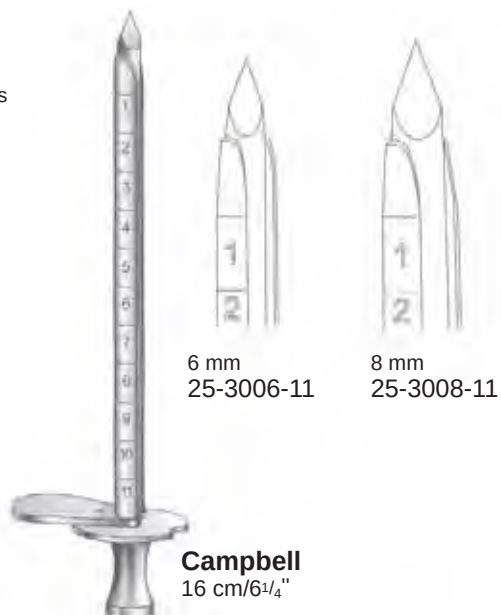
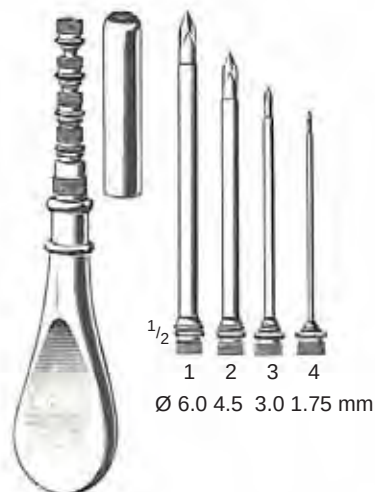


سوزن تروکار

Trokare
Trocars
Trócares
Trocarts

25-3003-00
Universaltrokar mit 3 Ausätzen fig. 2,3,4
Universal trocar with 3 tips fig. 2,3,4
Trocar universal con 3 puntas fig. 2, 3,4
Trocart universel avec 3 embouts fig. 2,3,4

25-3004-00
Universaltrokar mit 4 Aufsätzen
Universal trocar with 4 tips
Trócar universal con 4 puntas
Trocart universel avec 4 embouts

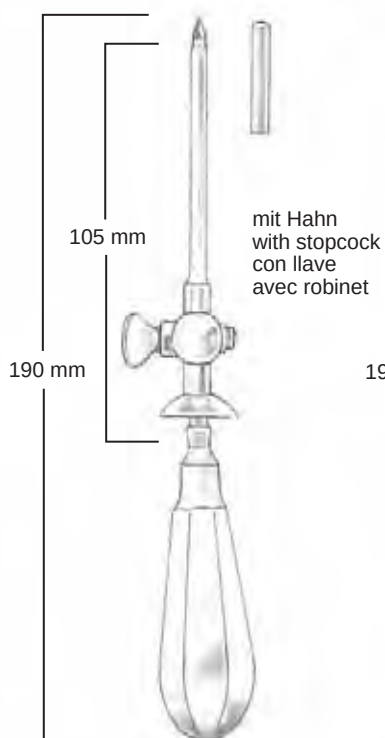


Campbell
16 cm/6 1/4"

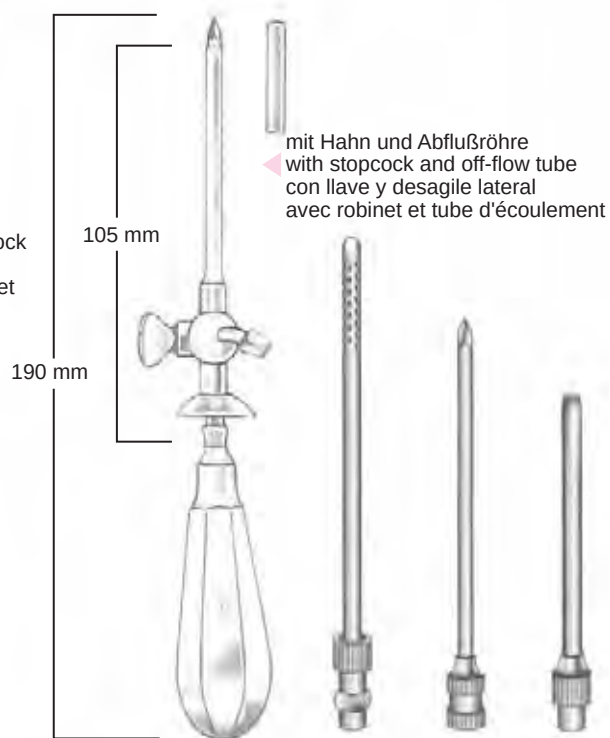
innen Ø
inside Ø
Interior Ø
intérieur Ø

außen Ø
outside Ø
exterior Ø
extérieur Ø

mm	mm	Standard
2	3	25-3010-30
3	4	25-3010-40
4	5	25-3010-50
5	6	25-3010-60

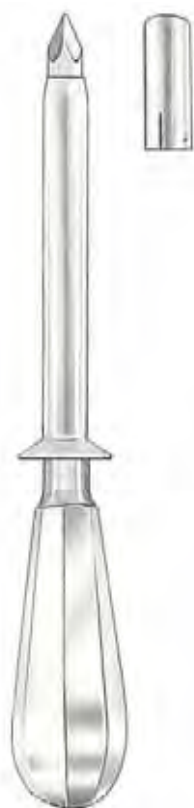


Standard
25-3012-30
25-3012-40
25-3012-50
25-3012-60



Standard
25-3014-30
25-3014-40
25-3014-50
25-3014-60

Duke
11 cm/4 1/2"
5,5 mm Ø
25-3015-11



Nelson

Fig. 1
25-3020-75

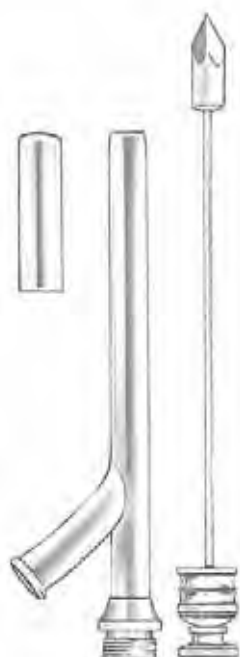
Fig. 2
25-3020-90

Fig. 3
25-3021-05

Fig. 4
25-3021-20

außen Ø mm outside Ø mm exterior Ø mm extérieur Ø mm	7,5	9,0	10,5	12,0
lichte Weite mm inside width mm interior anchura mm diamètre intérieur mm	6,0	7,5	9,0	10,0
für Katheter charr. for catheter charr. para catéter charr. pour cathéter charr.	15	21	27	30

zum Blasenstich • for puncture of bladder • para punción de la vejiga • pour ponction de la vessie

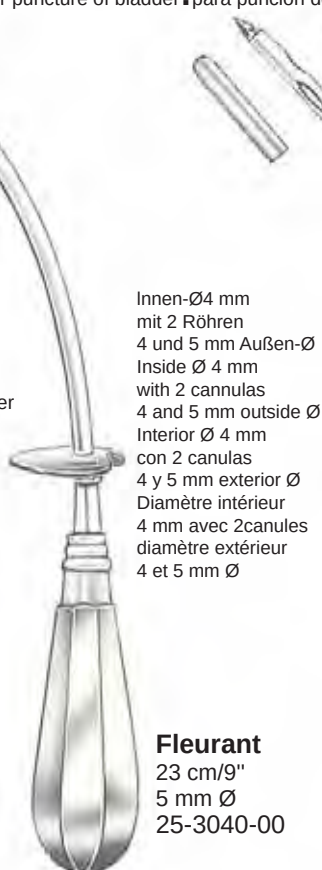


Ochsner

für die Gallenblase
for gall bladder
para vesícula biliar
pour la vésicule biliaire

Trokar für Katheter
Trocar for catheter
Trócar para catéter
Trocarts pour cathéter

	Øcharr.	charr.
25-3034-10	10	6
25-3034-12	12	8
25-3034-14	14	10
25-3034-16	16	12
25-3034-18	18	14
25-3034-20	20	16
25-3034-22	22	18
25-3034-24	24	20
25-3034-26	26	22
25-3034-28	28	24



Fleurant
23 cm/9"
5 mm Ø
25-3040-00



Innen-Ø4 mm
mit Führungssonde
und 2 Kanülen
4 und 5 mm Außen-Ø
Inside Ø4 mm
with 2 cannulas
4 and 5 mm outside Ø
with conducting
probe and 2 cannulas
4 and 5 outside Ø
Interior Ø4 mm
con sonda de guía
y 2 canulas
4 y 5 mm exterior Ø
Diamètre intérieur
4 mm avec mandrin-
guide et 2 canules
diamètre extérieur
4 et 5 mm Ø

Fleurant
23 cm/9"
5 mm Ø
25-3042-00

سوزن تروکار

Trokare
Trocars
Trócares
Trocarts

Kieferhöhlentrokare • Antrum Trocars • Trocares para el seno maxilar • Trocarts pour le sinus maxillaire



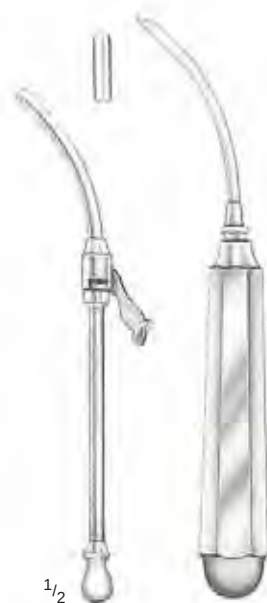
Douglas
Ø 3 mm
25-3115-30



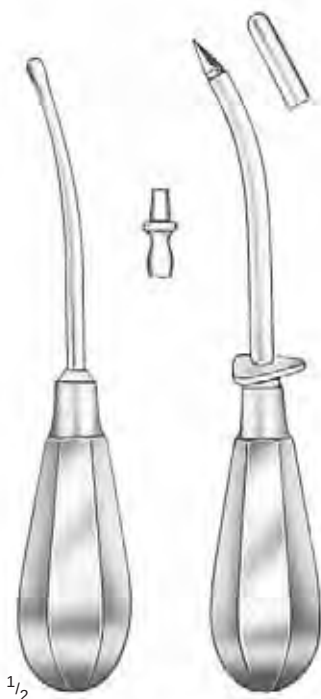
Lichtwitz
15 cm/6"
Ø 2 mm
25-3122-20



Pierce
17 cm/6 3/4"
25-3131-30 Ø 3 mm
25-3131-40 Ø 4 mm
25-3131-50 Ø 5 mm



Coakley
14 cm/5 1/2"
Ø 3 mm
25-3135-30



Krause
16 cm/6 1/4"
Ø 5,5 cm
25-3140-55



Lichtwitz
19 cm/7 1/2"
Ø 1,8 mm
25-3154-18



Lichtwitz-Bier
mit Luer-Ansatz
with Luer connection
con montura Luer
avec embout Luer

1,0 mm Ø x 80 mm 25-3170-10
1,2 mm Ø x 80 mm 25-3170-12
1,5 mm Ø x 80 mm 25-3170-15
1,8 mm Ø x 100 mm 25-3170-18

Kieferhöhlenpunktionskanülen
Antrum Puncture Needles
Agujas para la punción del seno maxilar
Aiguilles pour la ponction du sinus maxillaire



Klima-Rosegger

0,8 mm Ø 18 G 25-3208-18
1 mm Ø 16 G 25-3201-16
1,2 mm Ø 14 G 25-3212-14
1,8 mm Ø 15 G 25-3212-15
2 mm Ø 11 G 25-3202-11
3 mm Ø 12 G 25-3203-12



1,20 x 120 mm 25-3252-20
1,40 x 120 mm 25-3252-40
1,60 x 120 mm 25-3252-60

0,70 x 76 mm 25-3270-76
0,70 x 89 mm 25-3270-89
1,00 x 76 mm 25-3271-76
1,00 x 89 mm 25-3271-89
1,20 x 76 mm 25-3272-76
1,20 x 89 mm 25-3272-89

1,20 x 76 mm 25-3282-76
1,40 x 76 mm 25-3284-76
1,60 x 76 mm 25-3286-76

1,5 mm 25-3315-06
2 mm 25-3320-06
2,5 mm 25-3325-06
3 mm 25-3330-06
4 mm 25-3340-06



Menghini-Renalis
For Kidney biopsy needle
with luer-lock-hubs



Quincke



Tuohy



Landau
2 mm
25-3350-02



Douglas
3 mm
25-3352-03



11 cm/4 1/2"
25-3354-11

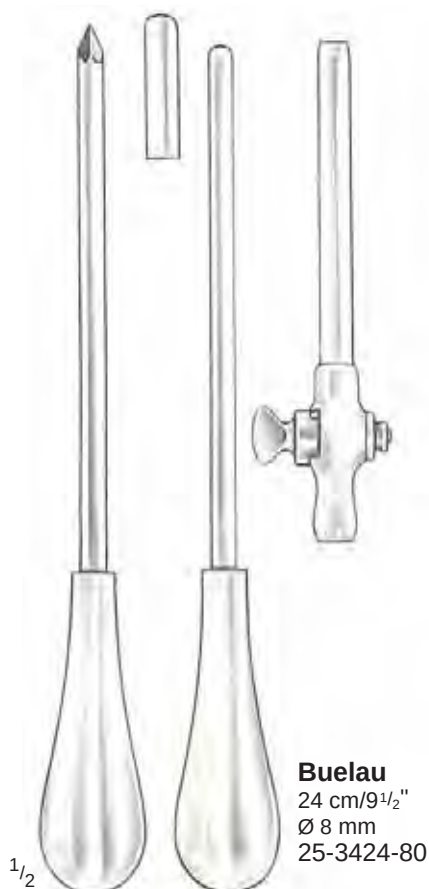


Vollmor
6 cm/2 1/4"



Mock
6,5 cm/2 1/2"
25-3350-65

سوزن تروکار

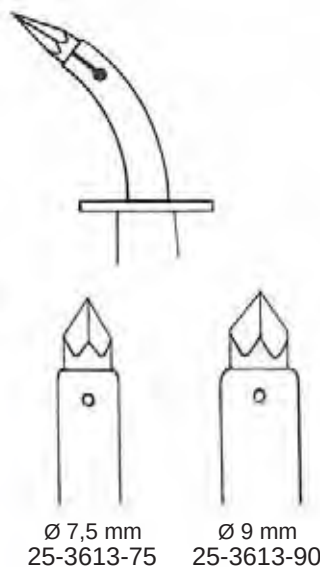
Trokare
Trocars
Trócares
Trocarts

1/2
Empyema-Trokar
Empyema-trocar
Trócar para punción torácica
Trocarts pour ponction du thorax

Kanüle aus Silber
Cannula of silver
Tubo de plata
Tube en argent

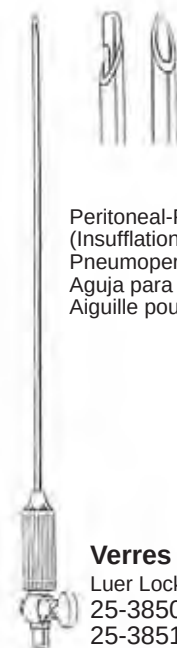


Uckermann
13 cm/5"



Trachealtrokare zur Interkrikothyreotomie
Trachea Trocars for intercrithyreotomy
Traqueótomos para intercrithyreotomía
Trachéotomes pour intercrithyreotomie

Peritoneal-Pneu-Kanüle
(Insufflationskanüle)
Pneumoperitoneum Needle
Aguja para el neumoperitoneo
Aiguille pour le pneumopéritoine



Kanülen für die Leberblindpunktion,
einschließlich Stopsonde
Liver Blind Puncture Needles, with
Stopping Probe
Agujas para punción ciega del
higado, con aguja limitadora
Aiguilles pour la ponction aveugle
du foie, avec clou d'arrêt



Menghini

Kanülen zur gezielten Leber-
punktion
Needles for controlled liver
puncture
Agujas para la punción del higado
bajo control laparoscópico
Aiguilles pour la ponction contrôlée
du foie



Menghini

Trokare zum Einführen der Kanülen
zur gezielten Leberpunktion
Trocars for Introduction of liver
puncture needles
Trócares para la introducción de
agujas para la punción del higado
Trocarts pour l'introduction des
aiguilles pour la ponction contrôlée
du foie



Billroth
24 cm/9½"
5 mm 25-3905-24
6 mm 25-3906-24

25-3810-35 = 1,00 x 35 mm
25-3810-70 = 1,00 x 70 mm
25-3812-70 = 1,20 x 70 mm
25-3812-99 = 1,20 x100 mm
25-3814-70 = 1,40 x 70 mm
25-3814-99 = 1,40 x100 mm
25-3816-70 = 1,60 x 70 mm
25-3818-99 = 1,80 x100 mm

25-3830-14 = 1,40 x168 mm 25-3830-64 = 1,40 mm Ø
25-3830-18 = 1,80 x168 mm 25-3830-68 = 1,80 mm Ø

ست بازکردن رگ (واریس)

Krampfaderbesteck in Metall-Etui

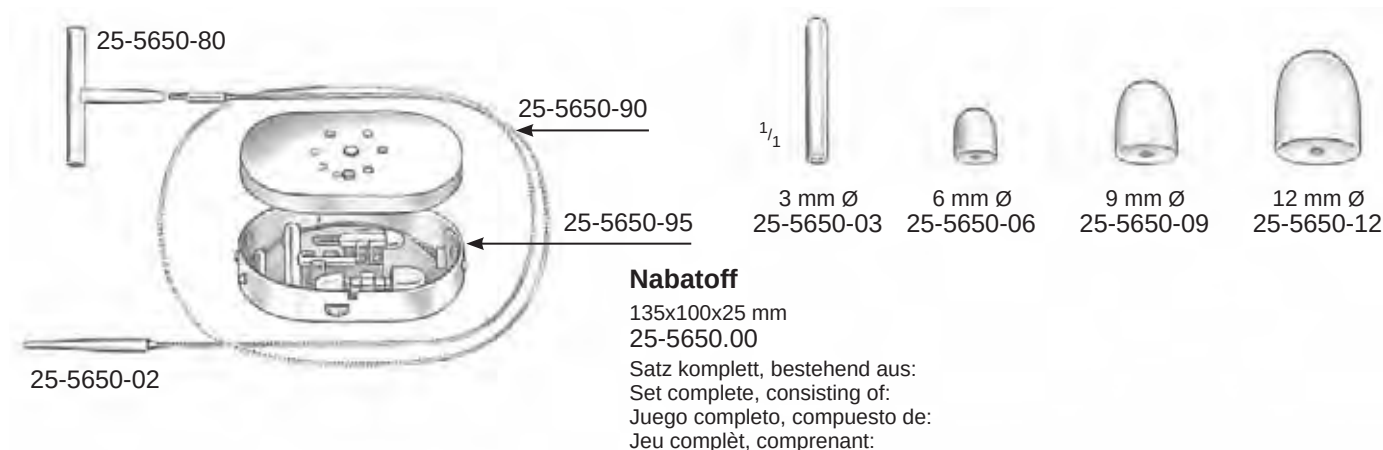
Vein Stripper Set in Metal Case

Juego para várices, en estuche de metal

Trousse pour stripping veineux en étui métal

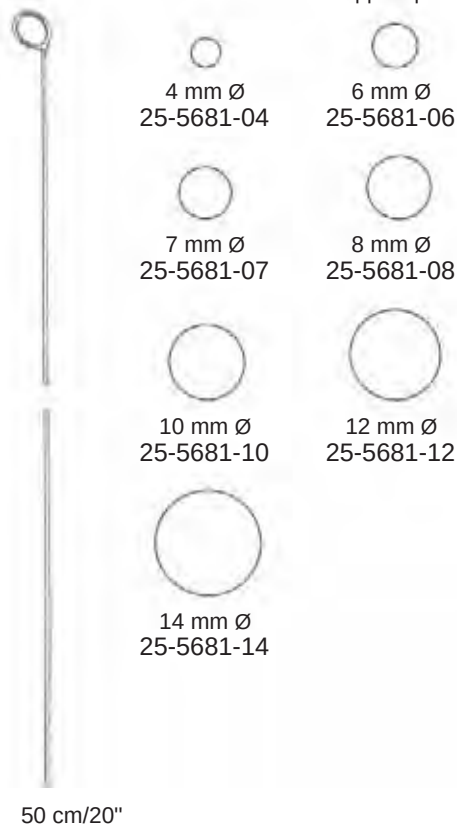


25



25-5650-95	Behälter 135 x100 x 25 mm	Case 135x100x25 mm	Estuche 135 x 100 x 25 mm	Etui 135 x 100 x 25 mm
25-5650-80	Griff	Handle	Mango	Manche
25-5650-03	Metall-Sonden-Spitze	Metal-Probe Tip	Extremidad de sonda en metal	Extrémité-sonde en matière metal
25-5650-06	Olive 6mm Ø	Olive 6 mm Ø	Oliva 6 mm Ø	Olive 6 mm Ø
25-5650-09	Olive 9mm Ø	Olive 9 mm Ø	Oliva 9mm Ø	Olive 9 mm Ø
25-5650-12	Olive 12 mm Ø	Olive 12 mm Ø	Oliva 12 mm Ø	Olive 12 mm Ø
25-5650-90	Zugseil, Länge: 90 cm	Cable, length: 90 cm	Cordón, largo: 90 cm	Corde à traction, longueur: 90 cm
25-5650-02	Kunststoff-Sondenspitze	Plastic Probe Tip	Extremidad de sonda en plástico	Extrémité-sonde en matière plastique

Endarteriektomiestripper
Endarterectomy Strippers
Strippers para endarteriectomía
Strippers pour endartériectomie



Griff für 25-5681-04 - 25-5681-14
Handle for 25-5681-04 - 25-5681-14
mango para 25-5681-04 - 25-5681-14
manche pour 25-5681-04 - 25-5681-14



Gefäßdilatoren
Vascular Dilators
Dilatadores vasculares
Dilateurs vasculaires

biegsam
malleable
maleable
malléable

 $\frac{1}{1}$ 

1 mm



1,5 mm



2 mm



2,5 mm



3 mm

14 cm/5 $\frac{1}{2}$ "21 cm/8 $\frac{1}{4}$ "

25-5714-10

25-5714-15

25-5714-20

25-5714-25

25-5714-30

25-5721-10

25-5721-15

25-5721-20

25-5721-25

25-5721-30

 $\frac{1}{1}$ 

3,5 mm



4 mm



4,5 mm



5 mm

14 cm/5 $\frac{1}{2}$ "21 cm/8 $\frac{1}{4}$ "

25-5714-35

25-5714-40

25-5714-45

25-5714-50

25-5721-35

25-5721-40

25-5721-45

25-5721-50

Satz komplett
Set complete
Juego completo
Jeu complet

14 cm/5 $\frac{1}{2}$ "

25-5714-00

Satz komplett
Set complete
Juego completo
Jeu complet

21 cm/8 $\frac{1}{4}$ "

25-5721-00

biegsam
malleable
maleable
malléable

 $\frac{1}{1}$ 

0,5 mm



1,0 mm



1,5 mm



2,0 mm



2,5 mm



3,0 mm

25-5819-05

25-5819-10

25-5819-15

25-5819-20

25-5819-25

25-5819-30

 $\frac{1}{1}$ 

3,5 mm



4,0 mm



4,5 mm



5,0 mm



7,0 mm



9,0 mm

25-5819-35

25-5819-40

25-5819-45

25-5819-50

25-5819-70

25-5819-90

 $\frac{1}{2}$

DeBakey
19 cm/7 $\frac{1}{2}$ "



Gallenkanaldilatatoren
Gall Duct Dilators
Dilatadores para conductos biliares
Dilatateurs pour les voies biliaires



$\frac{1}{16}$							
	1 mm Ø	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø
21 cm/8 $\frac{1}{4}$ "			25-6021-03	25-6021-04	25-6021-05	25-6021-06	25-6021-07
30 cm/11 $\frac{3}{4}$ "	25-6030-01	25-6030-02	25-6030-03	25-6030-04	25-6030-05	25-6030-06	25-6030-07
$\frac{1}{16}$							
	8 mm Ø	9 mm Ø	10 mm Ø	11 mm Ø	12 mm Ø	13 mm Ø	
21 cm/8 $\frac{1}{4}$ "	25-6021-08	25-6021-09	25-6021-10	25-6021-11			
30 cm/11 $\frac{3}{4}$ "	25-6030-08	25-6030-09	25-6030-10	25-6030-11	25-6030-12	25-6030-13	

Bakes

Schaft biegsam
malleable shaft
vástago maleable
tige malléable

21 cm/8 $\frac{1}{4}$ "
25-6022-09

Satz zu 9, bestehend aus je 1 Stck. 3-11 mm, in Plastiktasche
Set of 9, consisting of 1 each 3 thru 11 mm, in plastic pouch
Juego de 9, compuesto de 1 de c/u 3 -11 mm, en estuche plástico
Jeu de 9, comprenant 1 de chaque Ø de 3 à 11 mm, en étui plastique
25-6021-03 - 25-6021-11
3 mm Ø - 11 mm Ø

21 cm/8 $\frac{1}{4}$ "
25-6032-13

Satz zu 13, bestehend aus je 1 Stck. 1-13 mm, in Plastiktasche
Set of 13, consisting of 1 each 1 thru 13 mm, in plastic pouch
Juego de 13, compuesto de 1 de c/u 1 -13 mm, en estuche plástico
Jeu de 13, comprenant 1 de chaque Ø de 1 à 13 mm, en étui plastique
25-6030-01 - 25-6030-13
1 mm Ø - 13 mm Ø

Fig. 1

25-6128-01

Fig. 2

25-6128-02

Fig. 3

25-6128-03

$\frac{1}{3}$ **Elastic**
28 cm/11"

$\frac{1}{3}$ **Desjardins**
28 cm/11"

Gallenkanal-Dilatoren
Gall Duct Dilators
Dilatadores para conductos biliares
Dilatateurs à voies biliaires



mit zentrischen Oliven
with centric olives
con olivas centrales
federnd, elastic,
elásticas, élastiques

		
25-6205-37	25-6205-48	25-6205-55
Ø mm 3.7	4.8	5.5

Gallenkanalsonde, mit Stilett, biegsam
Gall Duct Probe, with stylet, malleable
Estilete maleable para conductos biliares,
con mandrill
Stilet pour les voies biliaires,
avec mandrin, flexible



Dilatatoren
Dilators
Dilatadores
Dilatateurs

دیلاتور بوژی

Dilationsbougies
Dilating Bougies
Bujías dilatadores
Bougies dilatatrices

Filiform Bougie
Filiform Bougie
Bougie filiforme
Bujía filiforme

33 cm/13"

Charr.

(French)

3 25-6333-30

4 25-6333-40

5 25-6333-50

6 25-6333-60



gerade
straight
recta
droite

Dittel
22,5 cm/9"



gebogen
curved
curva
courbe

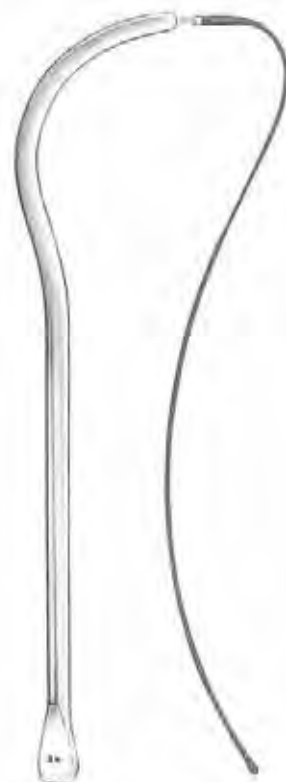
Dittel
35,5 cm/14"

Metalbougie-Öffner, ohne Fili-
formbougie (Gleitsonde), mit
Gewinde in der Spitze

Urethral bougies and dilating
sounds without filiform guides,
with thread in tip

Bujías dilatadoras de metal, sin
bujía filiforme, punta con filete

Bougie metallique sans mandrin-
guide, filetage à l'extrémité



Guyon
25 cm/10"

mm Ø	Charr. (French)	Béniqué			
2 ² / ₃	8		25-6408-01		
3	9		25-6409-02		
3 ¹ / ₃	10	20	25-6410-03	25-6510-03	25-6710-03
3 ² / ₃	11	22	25-6411-04	25-6511-04	25-6711-04
4	12	24	25-6412-05	25-6512-05	25-6712-05
4 ¹ / ₃	13	26	25-6413-06	25-6513-06	25-6713-06
4 ² / ₃	14	28	25-6414-07	25-6514-07	25-6714-07
5	15	30	25-6415-08	25-6515-08	25-6715-08
5 ¹ / ₃	16	32	25-6416-09	25-6516-09	25-6716-09
5 ² / ₃	17	34	25-6417-10	25-6517-10	25-6717-10
6	18	36	25-6418-11	25-6518-11	25-6718-11
6 ¹ / ₃	19	38	25-6419-12	25-6519-12	25-6719-12
6 ² / ₃	20	40	25-6420-13	25-6520-13	25-6720-13
7	21	42	25-6421-14	25-6521-14	25-6721-14
7 ¹ / ₃	22	44	25-6422-15	25-6522-15	25-6722-15
7 ² / ₃	23	46	25-6423-16	25-6523-16	25-6723-16
8	24	48	25-6424-17	25-6524-17	25-6724-17
8 ¹ / ₃	25	50	25-6425-18	25-6525-18	25-6725-18
8 ² / ₃	26	52	25-6426-19	25-6526-19	25-6726-19
9	27	54	25-6427-20	25-6527-20	25-6727-20
9 ¹ / ₃	28	56	25-6428-21	25-6528-21	25-6728-21
9 ² / ₃	29	58	25-6429-22	25-6529-22	25-6729-22
10	30	60	25-6430-23	25-6530-30	25-6730-23

Dilatatoren
Dilators
Dilatadores
Dilatateurs

دیلاتور بوژی

Dilationsbougies
Dilating Bougies
Bujias dilatadores
Bougies dilatatrices

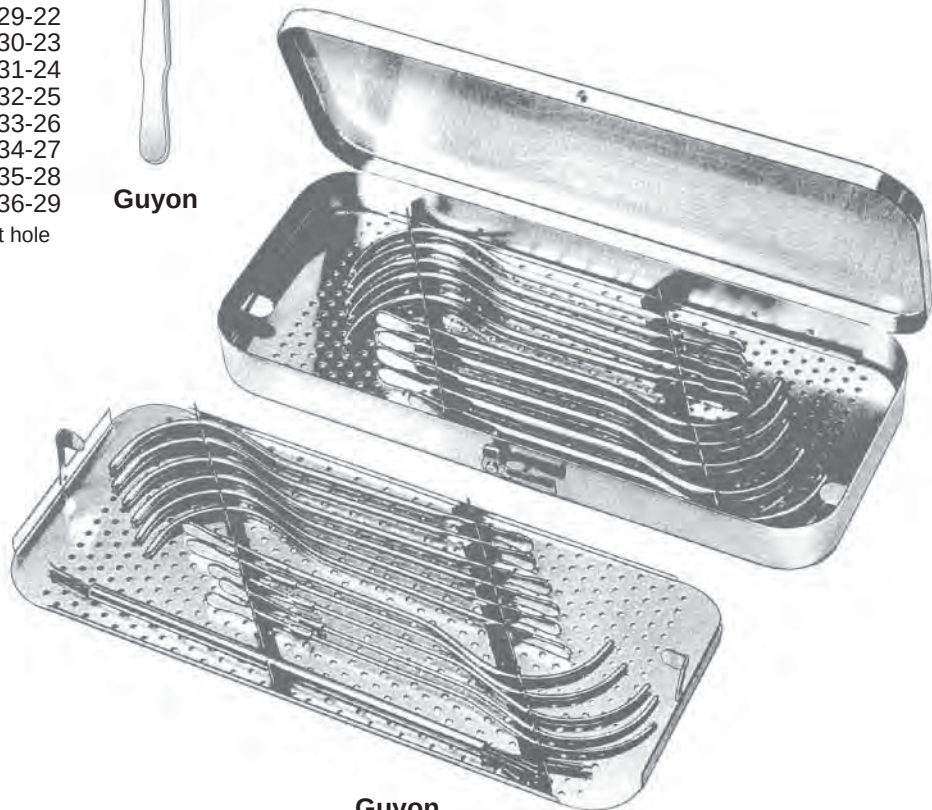


25

Urology

	Fr.	
25-6808-01	08	25-6908-01
25-6809-02	09	25-6909-02
25-6810-03	10	25-6910-03
25-6811-04	11	25-6911-04
25-6812-05	12	25-6912-05
25-6813-06	13	25-6913-06
25-6814-07	14	25-6914-07
25-6815-08	15	25-6915-08
25-6816-09	16	25-6916-09
25-6817-10	17	25-6917-10
25-6818-11	18	25-6918-11
25-6819-12	19	25-6919-12
25-6820-13	20	25-6920-13
25-6821-14	21	25-6921-14
25-6822-15	22	25-6922-15
25-6823-16	23	25-6923-16
25-6824-17	24	25-6924-17
25-6825-18	25	25-6925-18
25-6826-19	26	25-6926-19
25-6827-20	27	25-6927-20
25-6828-21	28	25-6928-21
25-6829-22	29	25-6929-22
25-6830-23	30	25-6930-23
25-6831-24	31	25-6931-24
25-6832-25	32	25-6932-25
25-6833-26	33	25-6933-26
25-6834-27	34	25-6934-27
25-6835-28	35	25-6935-28
25-6836-29	36	25-6936-29
With hole		Without hole

Guyon



Guyon

25-6902-29 Set of 29 with hole, Fr. 8 - Fr. 36
25-6802-29 Set of 29 without hole, Fr. 8 - Fr. 36

سوند فلزی مجاری

Harnröhrenbougies
Urethral Sounds
Bujías uretrales
Bougies urétrales

سوند فلزی زنان

Metalkatheter für Frauen
Metal Catheters, female
Sondas metálicas, femeninas
Sondes métalliques, pour femmes

Urology

Katheter-Einführungsinstrumente (Katheterspanner)
Catheter Introducing Instruments (Guides)
Instrumentos para Introducir catéteres
Mandrins pour sondes urétrales



Male



Coxeter



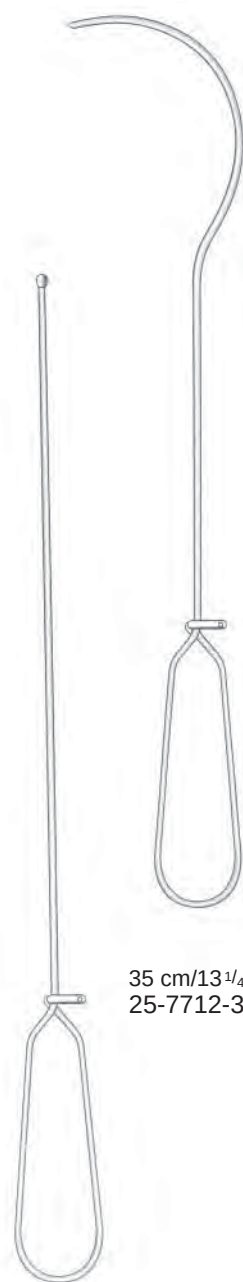
Female



Female

mm Ø Charr.

2	6	25-7006-01	Fig. 06	25-7206-01	Fig. 06	25-7406-01	Fig. 06	25-7506-01	Fig. 06
2 1/3	7	25-7007-02	Fig. 07	25-7207-02	Fig. 07	25-7407-02	Fig. 07	25-7507-02	Fig. 07
2 2/3	8	25-7008-03	Fig. 08	25-7208-03	Fig. 08	25-7408-03	Fig. 08	25-7508-03	Fig. 08
3	9	25-7009-04	Fig. 09	25-7209-04	Fig. 09	25-7409-04	Fig. 09	25-7509-04	Fig. 09
3 1/3	10	25-7010-05	Fig. 10	25-7210-05	Fig. 10	25-7410-05	Fig. 10	25-7510-05	Fig. 10
3 2/3	11	25-7011-06	Fig. 11	25-7211-06	Fig. 11	25-7411-06	Fig. 11	25-7511-06	Fig. 11
4	12	25-7012-07	Fig. 12	25-7212-07	Fig. 12	25-7412-07	Fig. 12	25-7512-07	Fig. 12
4 1/3	13	25-7013-08	Fig. 13	25-7213-08	Fig. 13	25-7413-08	Fig. 13	25-7513-08	Fig. 13
4 2/3	14	25-7014-09	Fig. 14	25-7214-09	Fig. 14	25-7414-09	Fig. 14	25-7514-09	Fig. 14
5	15	25-7015-10	Fig. 15	25-7215-10	Fig. 15	25-7415-10	Fig. 15	25-7515-10	Fig. 15
5 1/3	16	25-7016-11	Fig. 16	25-7216-11	Fig. 16	25-7416-11	Fig. 16	25-7516-11	Fig. 16
5 2/3	17	25-7017-12	Fig. 17	25-7217-12	Fig. 17	25-7417-12	Fig. 17	25-7517-12	Fig. 17
6	18	25-7018-13	Fig. 18	25-7218-13	Fig. 18	25-7418-13	Fig. 18	25-7518-13	Fig. 18
6 1/3	19	25-7019-14	Fig. 19	25-7219-14	Fig. 19	25-7419-14	Fig. 19	25-7519-14	Fig. 19
6 2/3	20	25-7020-15	Fig. 20	25-7220-15	Fig. 20	25-7420-15	Fig. 20	25-7520-15	Fig. 20
7	21	25-7021-16	Fig. 21	25-7221-16	Fig. 21	25-7421-16	Fig. 21	25-7521-16	Fig. 21
7 1/3	22	25-7022-17	Fig. 22	25-7222-17	Fig. 22	25-7422-17	Fig. 22	25-7522-17	Fig. 22
7 2/3	23	25-7023-18	Fig. 23	25-7223-18	Fig. 23	25-7423-18	Fig. 23	25-7523-18	Fig. 23
8	24	25-7024-19	Fig. 24	25-7224-19	Fig. 24	25-7424-19	Fig. 24	25-7524-19	Fig. 24
		27 cm/10 1/2"		28 cm/11"		15 cm/6"		20 cm/8"	

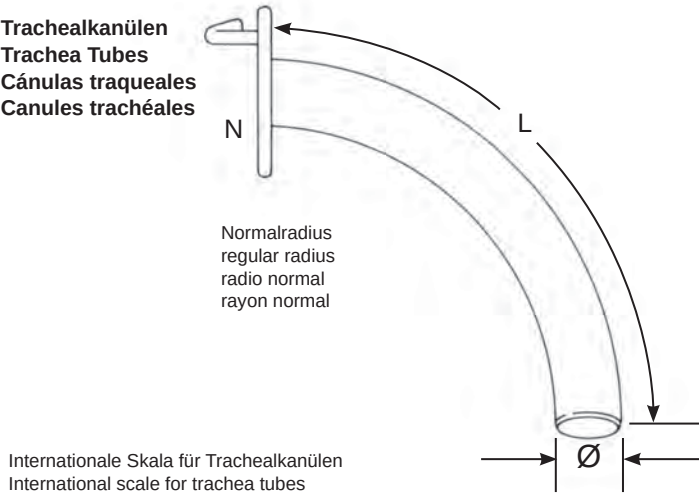


Guyon
39 cm/15 1/2"
25-7722-39

35 cm/13 1/4"
25-7712-35



Benique
38 cm/15"
25-7723-38



Internationale Skala für Trachealkanülen
International scale for trachea tubes
Escala internacional para cánulas traqueales
Echelle internationale pour canules trachéales

										
Fig.	0	1	2	3	4	5	6	7	8	9
mm Ø	4	5	6	7	8	9	10	11	12	13
Charr.	12	15	18	21	24	27	30	33	36	39
L = Länge mm	45	50	55	60	65	70	75	80	85	90

Kanülenreinigungsbürste
Cleaning Brush for Trachea Tubes
Cepillo de limpieza para cánulas traqueales
Brosse à nettoyer canules trachéales



1/2

26 cm/10 1/4"
Ø 12 mm
25-8361-12



Standard-Modell
Standard pattern
Modelo standard
Modèle standard

Luer

Fig.	Ø mm	L mm	Silber Silver Plata Argent	Neusilber German Silver Plata maneses (nueva) Argent blanc (ma-lechort)
0	4	45	25-8100-00	25-8200-00
1	5	50	25-8100-01	25-8200-01
2	6	55	25-8100-02	25-8200-02
3	7	60	25-8100-03	25-8200-03
4	8	65	25-8100-04	25-8200-04
5	9	70	25-8100-05	25-8200-05
6	10	75	25-8100-06	25-8200-06
7	11	80	25-8100-07	25-8200-07
8	12	85	25-8100-08	25-8200-08
9	13	90	25-8100-09	25-8200-09

Trachealkanülen
Trachea Tubes
Cánulas traqueales
Canules trachéales



Chevalier-Jackson



Ventil-Sprechkanülen, mit rundem Aufsteckventil. Normalradius N, nur in Neusilber

Valve Speaking Tubes with detachable round valve, regular radius N, available only in German Silver

Cánula parlante con válvula de quita y pon redonda, radio normal N, solo se fabrica en plata nueva (maneses)

Canule parlante, tube intérieur avec soupape ronde, rayon normal N, seulement en argent blanc (maillechort)

Fig.	Ø mm	Neusilber * German Silver * Plata maneses (nueva) * Argent blanc (maillechort) *
4	8	25-8851-04
5	9	25-8851-05
6	10	25-8851-06
7	11	25-8851-07
8	12	25-8851-08
9	13	25-8851-09

* Versilbert
silver plated
plateada
argente

Fig.	Ø mm	L mm	Silber Silver Plata Argent	Neusilber * German Silver * Plata maneses (nueva) * Argent blanc (maillechort) *	rostfreier Stahl 18/8 stainless steel 18/8 inoxidable 18/8 inoxydable 18/8
0	4	45	25-8510-00	25-8610-00	25-8710-00
1	5	50	25-8510-01	25-8610-01	25-8710-01
2	6	55	25-8510-02	25-8610-02	25-8710-02
3	7	60	25-8510-03	25-8610-03	25-8710-03
4	8	65	25-8510-04	25-8610-04	25-8710-04
5	9	70	25-8510-05	25-8610-05	25-8710-05
6	10	75	25-8510-06	25-8610-06	25-8710-06
7	11	80	25-8510-07	25-8610-07	25-8710-07
8	12	85	25-8510-08	25-8610-08	25-8710-08
9	13	90	25-8510-09	25-8610-09	25-8710-09

* Versilbert
silver plated
plateada
argente



Ventil-Sprechkanülen, Innenrohr mit Schiebeventil, Normalradius N, in Silber und Neusilber

Valve Speaking Tube, inner tube with sliding valve, regular radius N, available in silver and German Silver

Cánula parlante con válvula, cánula interior con válvula corrediza, radio normal N, se fabrica en plata y plata nueva (maneses)

Canule parlante, tube intérieur avec soupape à coulisse, et chaîne en argent à la soupape, rayon normal N, en argent ou en argent blanc (maillechort)

Fig.	mm Ø	Silber Silver Plata Argent	Neusilber * German Silver * Plata maneses (nueva) * Argent blanc (maillechort) *
4	8	25-8962-04	25-9062-04
5	9	25-8962-05	25-9062-05
6	10	25-8962-06	25-9062-06
7	11	25-8962-07	25-9062-07
8	12	25-8962-08	25-9062-08
9	13	25-8962-09	25-9062-09

26

Univer®



انواع سرساکشن لیپو

Liposuction

Liposuction

liposucción

liposuccion

انواع سرساکشن لیپو
Kanülen zur Infiltration
Cannulas for Infiltration
Cánulas de infiltración
Canules pour l'infiltration



Ø 2 mm
 25 cm/10"
 26-1102-25



10 Löcher
 holes
 orificios
 trous

Ø 3 mm
 25 cm/10"
 26-1103-25



Ø 0,9 x 70 mm
 26-1209-07

Ø 1,0 x 120 mm
 26-1210-12

Verpackungseinheit 100 Stück, steril
 Packing unit 100 pieces, steril
 Envase de 100 piezas, estériles
 Emballage de 100 pièces, stériles



Spritzenzubehör
 Accessories for Syringes
 Accesorios para jeringas
 Accessoires pour seringues

26-1310-10

Adapter mit Luer-Lock Ansatz, zur Verwendung von Kanülen mit Griffansatz auf Luer-Lock Spritzen
 Adaptor with Luer-Lock connection, for use of cannulas with handle connector on Luer-Lock syringes
 Adaptador con empalme Luer-Lock, para el uso de cánulas con empalme mango en jeringas Luer-Lock
 Adaptateur avec embout Luer-Lock, pour l'utilisation des canules avec embout-manche sur des seringues Luer-Lock



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Ø 1,0 mm

Ø 2 mm
15 cm/6"
26-1802-15

Ø 3 mm
15 cm/6"
26-1803-15

Ø 1,5 mm

18 Löcher
holes
orificios
trous

Entner



Ø 1,0 mm

Ø 2 mm
15 cm/6"
26-1812-15

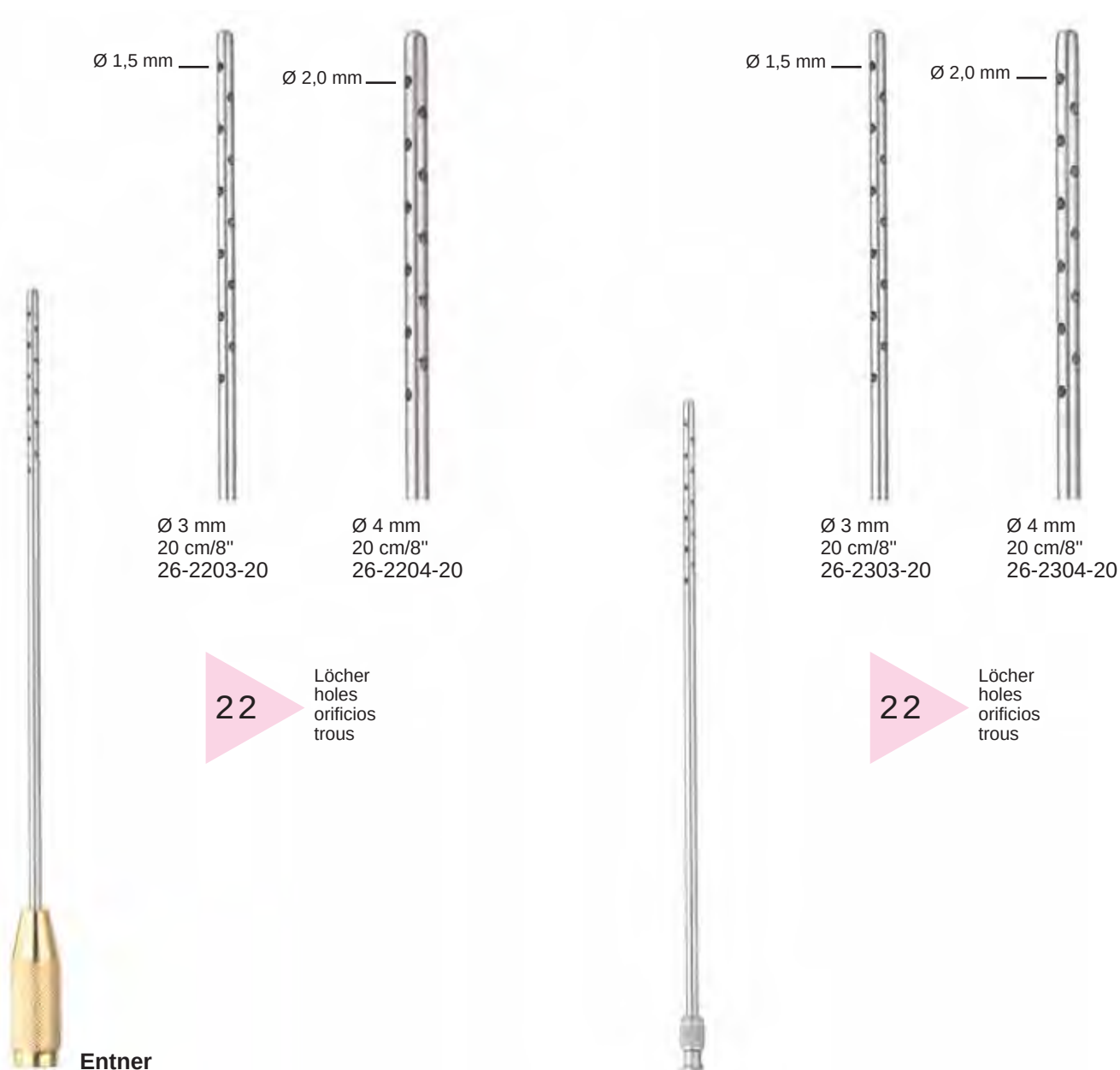
Ø 3 mm
15 cm/6"
26-1813-15

Ø 1,5 mm

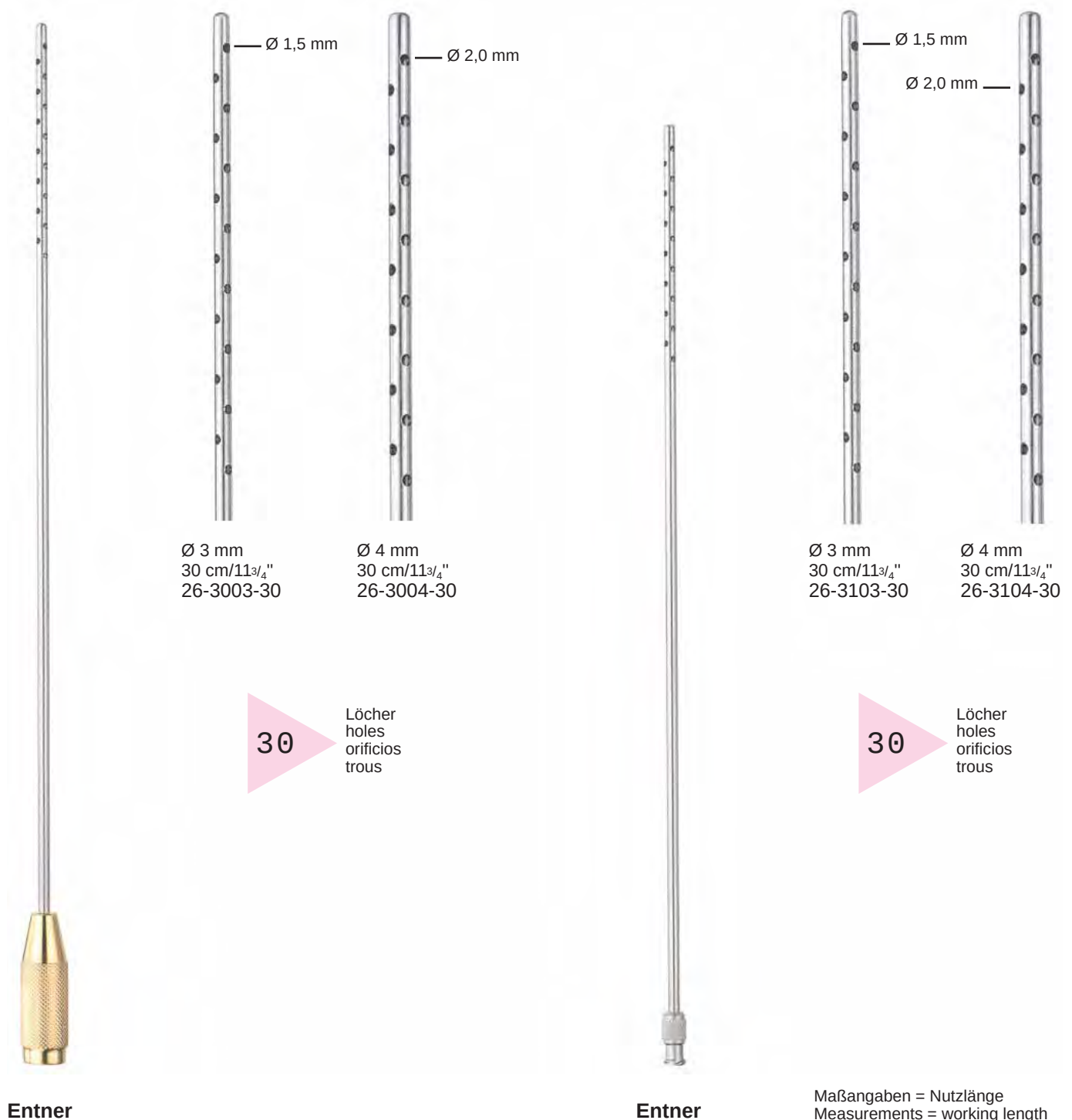
18 Löcher
holes
orificios
trous

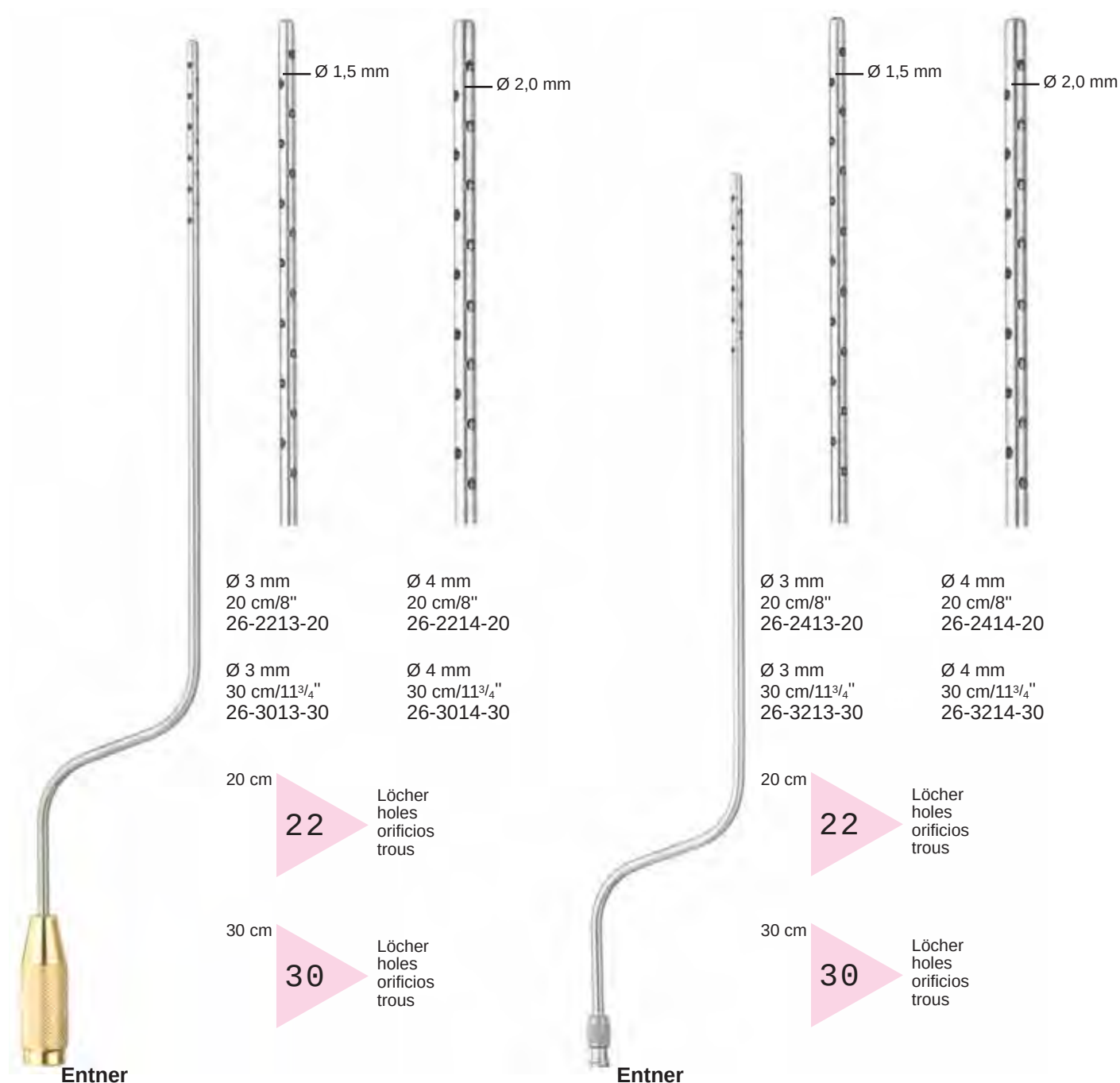
Entner

Maßangaben = Nutzlänge
Measurements = working length
Medidas = longitud útil
Mesures = longueur utile



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile





Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

Die abgewinkelten Griffe bewirken höhere Freiheitsgrade bei der Manipulation.
 The bayonet shaped handles allow an easier manipulation.
 Los mangos en forma bayoneta posibilitan un manejo libre durante la intervención.
 Les manches en forme baïonnette accordent plus de liberté lors de la manipulation



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

انواع سرساکشن لیپو
 Liposuction-Kanülen
 Liposuction Cannulas
 Cánulas de liposucción
 Canules pour liposuction

Für feine Konturierungen im
Gesichts- und Halsbereich.

For fine facial and neck
contouring.

Para contornos finos de las
partes faciales y del cuello.

Pour des contours fins dans la
partie faciale et du cou.

Ø 1,0 mm

Ø 1,0 mm

Ø 2 mm
15 cm/6"
26-3602-15

Ø 2 mm
15 cm/6"
26-3802-15

8

Löcher
holes
orificios
trous

8

Löcher
holes
orificios
trous

Entner

Entner

Maßangaben = Nutzlänge
Measurements = working length
Medidas = longitud útil
Mesures = longueur utile

انواع سرساکشن لیبو

Setvorschläge Liposuction-Kanülen

Set Suggestions Liposuction Cannulas

Proposiciones de juegos cánulas de liposucción

Propositions pour boîtes canules pour liposuccion



26

1

Gesicht
Face
Cara
Visage



- | | | | |
|---|------------|-----------|----------|
| 1 | 26-4012-15 | 15 cm/ 6" | Ø 2 mm |
| 2 | 26-4117-05 | 5 cm/ 2" | Ø 1,7 mm |
| | 26-4117-15 | 15 cm/ 6" | Ø 1,7 mm |

2

Hais
Neck
Cuello
Cou



- | | | | |
|---|------------|-----------|----------|
| 1 | 26-4303-15 | 15 cm/ 6" | Ø 3,0 mm |
| 2 | 26-4313-20 | 20 cm/ 8" | Ø 3,0 mm |
| 3 | 26-4402-15 | 15 cm/ 6" | Ø 2,0 mm |
| 4 | 26-4605-02 | 5 cm/ 2" | Ø 2,0 mm |
| | 26-4605-03 | 5 cm/ 2" | Ø 3,0 mm |
| | 26-4615-02 | 15 cm/ 2" | Ø 2,0 mm |
| | 26-4615-03 | 15 cm/ 2" | Ø 3,0 mm |

3

Ober- und Unterschenkel
Thigh - Lower leg
Muslo / pantorrilla
Cuisse / Jambe



- | | | |
|------------|---|----------|
| 26-4803-20 | 20 cm/ 8" | Ø 3,0 mm |
| 26-4803-30 | 30 cm/ 11 ³ / ₄ " | Ø 3,0 mm |
| 26-4804-20 | 20 cm/ 8" | Ø 4,0 mm |
| 26-4804-30 | 30 cm/ 11 ³ / ₄ " | Ø 4,0 mm |

انواع سرساکشن لیپو

Setvorschläge Liposuction-Kanülen

Set Suggestions Liposuction Cannulas

Proposiciones de juegos cánulas de liposucción

Propositions pour boîtes canules pour liposuction

Entner

4

Bauch / Reiterhosen
Abdomen / Saddlebag
Abdomen/ Pantalones de montar
Ventre / Cuisse



- | | | | |
|---|------------|---|----------|
| 1 | 26-5030-20 | 20 cm/ 8" | Ø 3,0 mm |
| | 26-5040-20 | 20 cm/ 8" | Ø 4,0 mm |
| 2 | 26-5230-30 | 30 cm/ 11 ³ / ₄ " | Ø 3,0 mm |
| | 26-5240-30 | 30 cm/ 11 ³ / ₄ " | Ø 4,0 mm |

Zubehör
Accessories
Accesorios
Accessoires



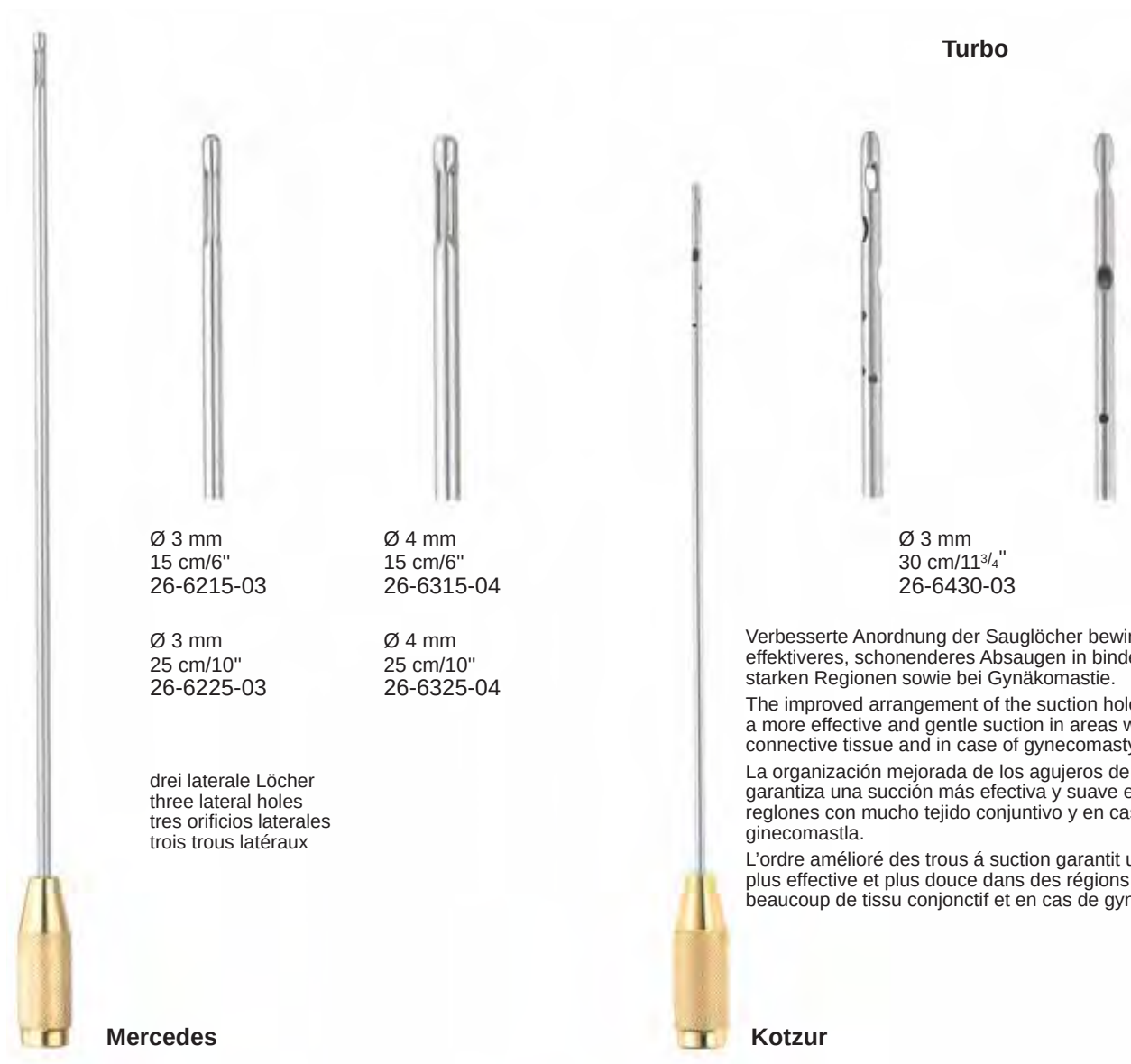
26-5350-36

mit drehbarem Schlauchansatz
with rotatable tube connection
con empalme de tubo giratorio
avec embout tuyaux pivotant

Gabelform, Spitzen abgerundet, scharfe Dissektorfläche zwischen den Spitzen / ein zentrales Loch.
Fork shape, rounded tips, dissecting surface between tips / one central hole.
Forma de horquilla, puntas redondas, superficie afilada entre las puntas / un orificio central.
Forme de fourche, pointes arrondies, surface tranchante entre les pointes / un trou central

				
	Ø 2 mm 5 cm/2" 26-5505-02	Ø 3 mm 5 cm/2" 26-5705-03	Ø 4 mm 5 cm/2" 26-5905-04	Ø 5 mm 30 cm/11 ³ / ₄ " 26-5705-03
	Ø 2 mm 15 cm/6" 26-5515-02	Ø 3 mm 15 cm/6" 26-5715-03	Ø 4 mm 25 cm/10" 26-5925-02	
		Ø 3 mm 25 cm/10" 26-5725-03	Ø 4 mm 30 cm/11 ³ / ₄ " 26-5930-04	
		Ø 3 mm 30 cm/11 ³ / ₄ " 26-5730-03		
Toledo				

Maßangaben = Nutzlänge
Measurements = working length
Medidas = longitud útil
Mesures = longueur utile



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Ø 3 mm
 20 cm/8"
 26-6743-03

Ø 3 mm
 30 cm/11³/₄"
 26-6743-13



Ø 4 mm
 30 cm/11³/₄"
 26-6744-04



Ø 5 mm
 30 cm/11³/₄"
 26-6745-05



Ø 6 mm
 30 cm/11³/₄"
 26-6746-06

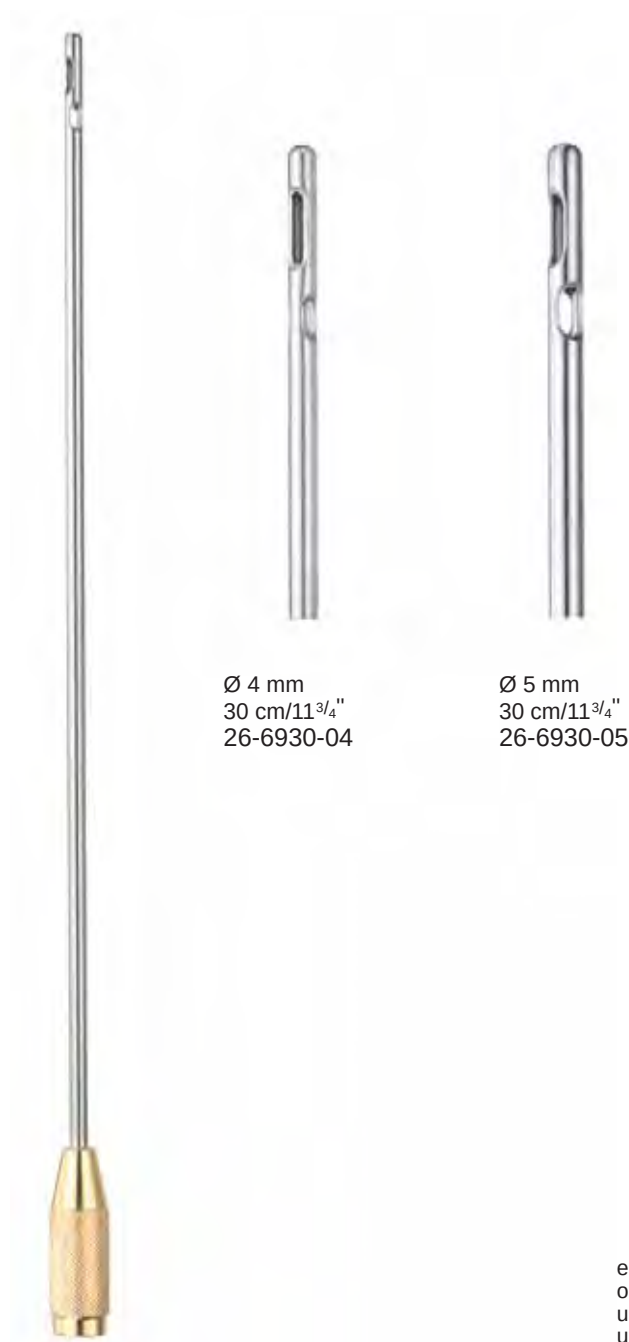


zwei laterale Löcher, ein zentrales Loch
 two lateral holes, one central hole
 dos orificios laterales, un orificio central
 deux trous latéraux, un trou central

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

ein zentrales Loch, zwei laterale Löcher
 one central hole, two lateral holes
 un orificio central, dos orificios laterales
 un trou central, deux trous latéraux



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

Für feine Konturierungen im Gesichtsbereich.
 For facial contouring.
 Para contornos finos de la parte facial
 Pour des contours fins dans la partie faciale.



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

Handgriffe mit Anschlussgewinde für Kanülen und Schlauchansatz 0 13 mm, für den Betrieb mit einer Absaugpumpe.

Handles with connection thread for cannulas and hose connection 0 13 mm, for operation with a suction pump.

Mangos con rosca para cánulas y empalme de manguera 0 13 mm, para funcionamiento con una bomba de aspiración.

Manches avec filet pour canules et pour embout du tuyau 0 13 mm , pour l'utilisation avec une pompe de succion



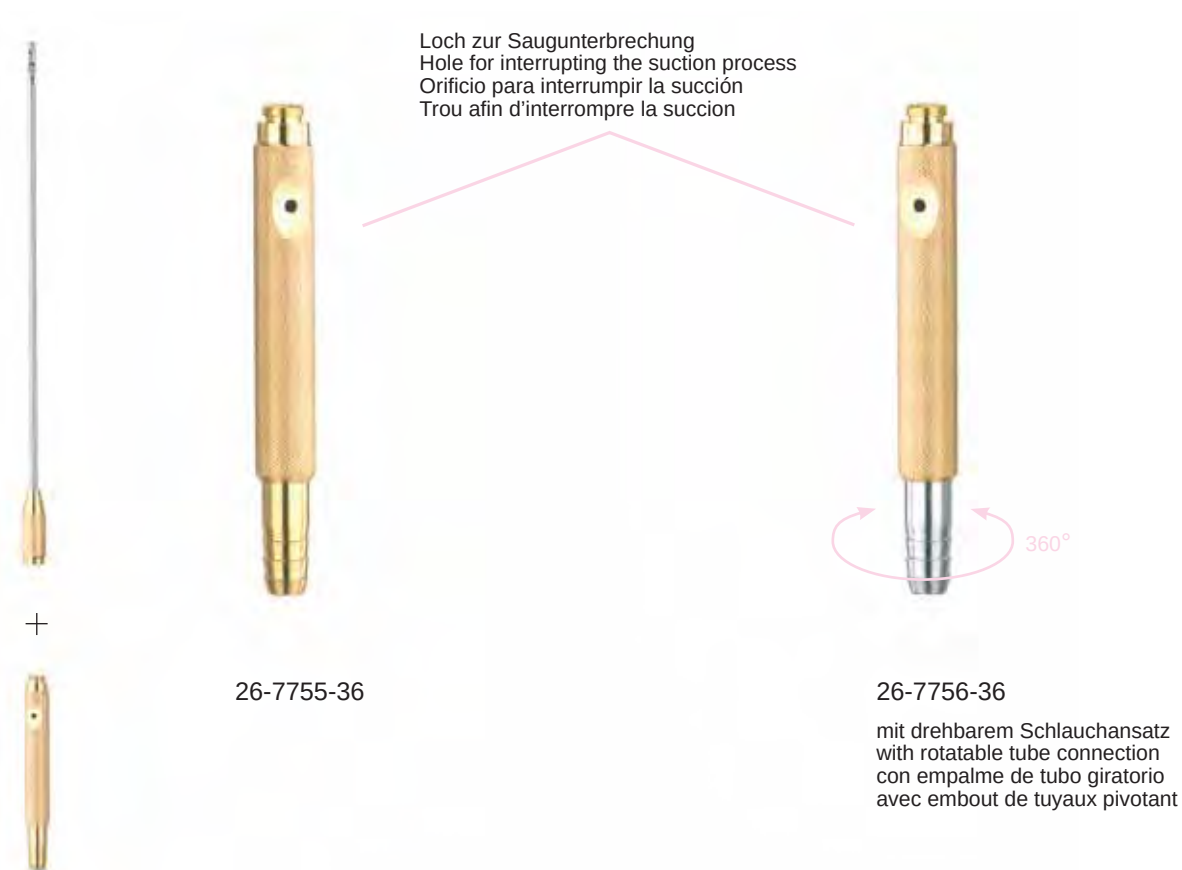
26-7534-36



26-7544-36

mit drehbarem Schlauchansatz
 with rotatable tube connection
 con empalme de tubo giratorio
 avec embout de tuyaux pivotant

Empfohlene Handgriffe für die Tumescenz-Lokalanästhesie-Technik
 Recommended handles for the tumescence local anaesthesia technique
 Mangos recomendados para la técnica de la anestesia local tumescente
 Manches recommandés pour la technique de tumescence/anesthésie locale

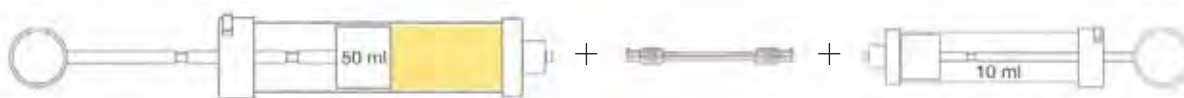
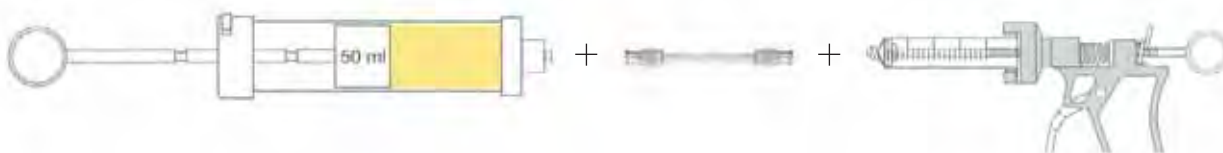




26-8062-10

75 mm

Transfer-Adapter für Luer-Lock Spritzen
Transfer adaptor for Luer-Lock syringes
Adaptador de transferencia para Jeringas Luer-Lock
Adaptateur de transfert pour des seringues Luer-Lock



26-7960-32

Spritzenständer für eine gesicherte Lagerung von Luer-Lock
Spritzen mit abgesaugtem Fett

Holding device for Luer-Lock syringes for safe storage of
syringes containing sacked fat

Soporte para un almacenamiento seguro de las jeringas
Luer-Lock llenas de grasa aspirada

Support pour un stockage sûr des seringues Luer-Lock
contenant des lipides enlevés en suçant



انواع سرساکشن لیپو
Liposuction-Kanülen
Liposuction Cannulas
Cánulas de liposucción
Canules pour liposuction

Liposuction Kanülen aus rostfreiem Stahl mit Daumenauflage und Schlauchansatz Ø 13 mm, für den Betrieb mit der Absaugpumpe.

Liposuction cannulas, stainless steel with thumb plate and hose connection Ø 13 mm, for use with a suction pump.

Cánulas de liposucción de acero inoxidable, con soporte para el pulgar y empalme de manguera Ø 13 mm, para el uso con bomba de aspiración.

Canutes de liposuction en acier inoxydable, à plaque pour le pouce et embout de tuyau Ø 13 mm, pour l'utilisation avec une pompe de succion.



Ø 3 mm
15 cm/6"
26-8215-03



Ø 4 mm
25 cm/10"
26-8225-04



Ø 6 mm
15 cm/6"
26-8235-06



Ø 6 mm
25 cm/10"
26-8245-06



Ø 9 mm
30 cm/11³/₄"
26-8255-09

ein zentrales Loch
 one central hole
 un orificio central
 un trou central

Gasparotti

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Gasparotti

Ø 3 mm
 15 cm/6"
 26-8415-03



Ø 6 mm
 15 cm/6"
 26-8415-06

ein zentrales Loch
 one central hole
 un orificio central
 un trou central



Ø 6 mm
 25 cm/10"
 26-8425-06

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



Ø 4 mm
 15 cm/6"
 26-8615-04



Ø 4 mm
 25 cm/10"
 26-8625-04



Ø 6 mm
 30 cm/11³/₄"
 26-8630-06

zwei zentrale Löcher
 two central holes
 dos orificios centrales
 deux trous centraux



Gasparotti

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

27

Univer®



ابزار جراحی پوست و ناخن

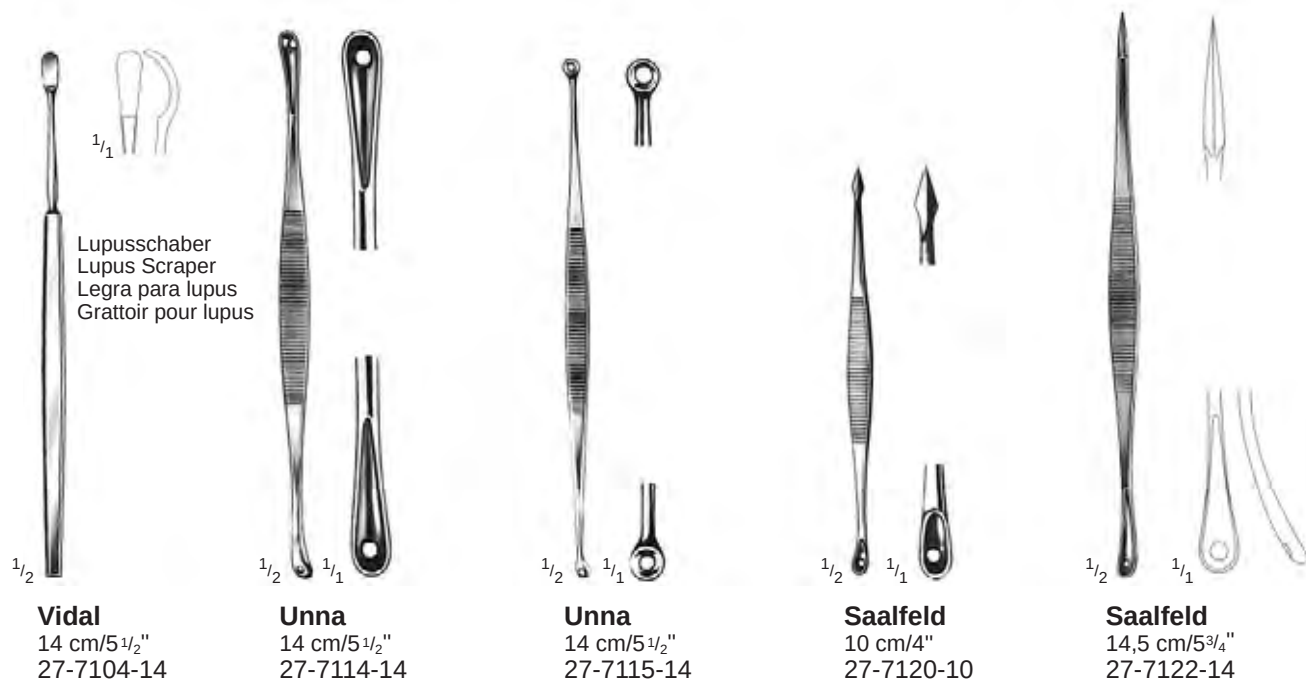
Dermatologie, Nageleisen

Dermatology, Nail Instrument

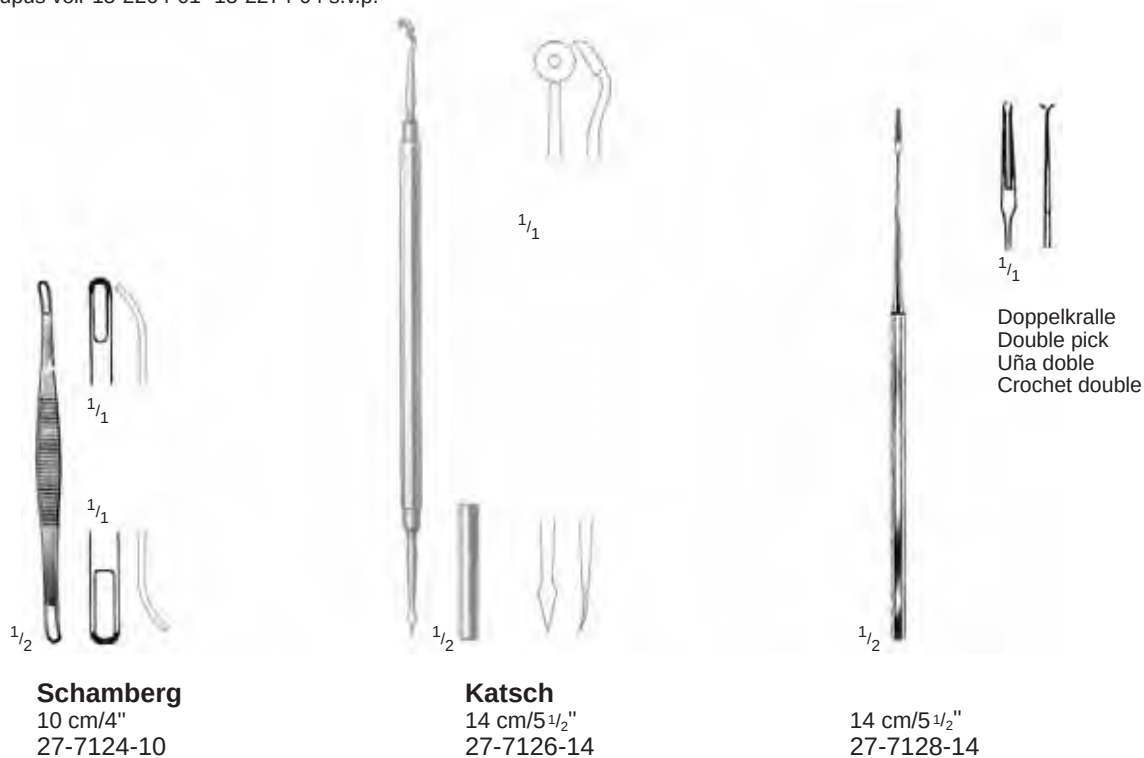
Dermatologia, Instrumento para cortauñas

Dermatologie, Instrument de ongles

Lupusschaber, KomedonenInstrumente, Doppelkralle
Lupus Scraper, Comedo Extractors, Double pick
Legra para lupus, saca-comedones, uña doble
Grattoir pour lupus, tire-comédons, crochet double



Lupus-Küretten siehe 15-2264-01 -15-2274-04
Lupus Curettes see 15-2264-01 -15-2274-04
Curetas para lupus véase 15-2264-01 -15-2274-04
Curettes pour lupus voir 15-2264-01 -15-2274-04 s.v.p.



Milienmesser
Miliaria Knives
Cuchillos miliares
Couteaux miliaires

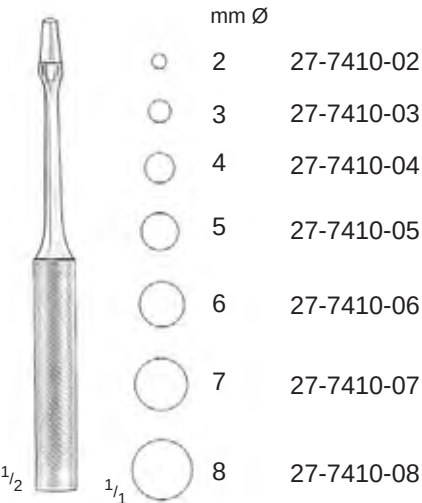


27-7210-93
Ersatz-Klinge
Spare Blade
Hoja de repuesto
Lame de rechange

27-7212-93
Milienmesser
Miliun Knife
Chuchillo para miliun
Couteau pour miliun

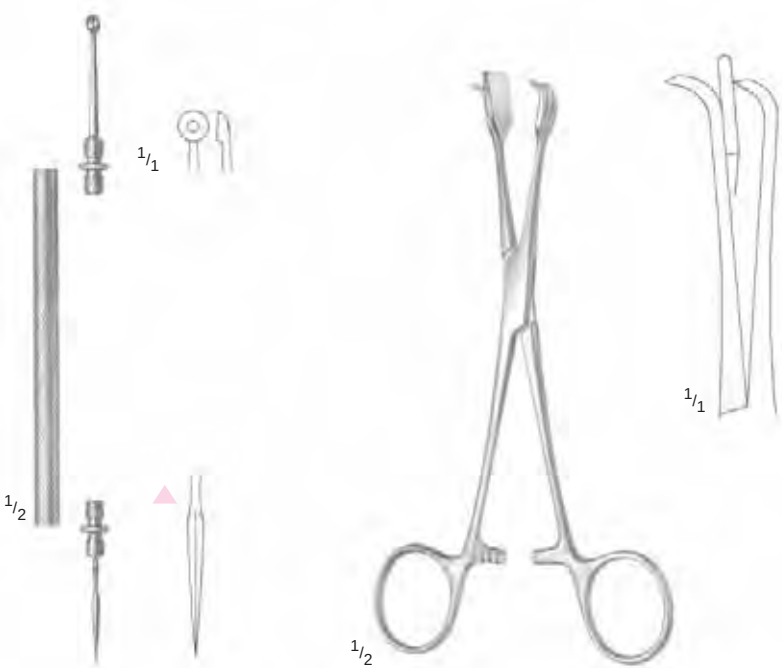
Moncorps
13 cm/5"
27-7210-13

Haut-Trephinen
Cutaneous Punches
Trépanos cutáneos
Trépans cutanés



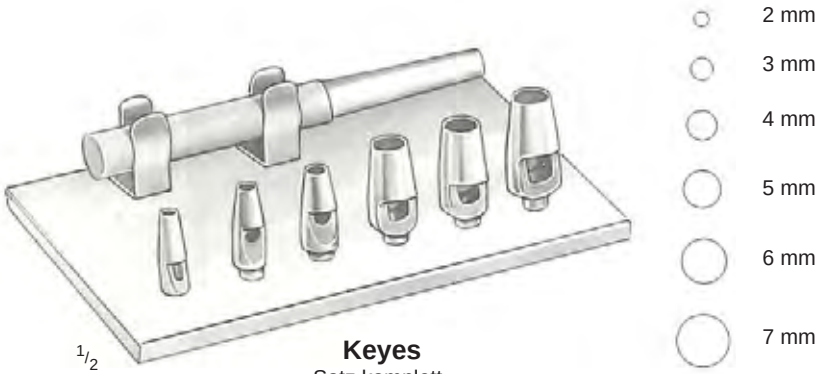
Keyes
11 cm/4 1/3"

Face-Lift-Klemme
Face-lift Forceps
Pinza para Face-lift
Pinces pour Face-lift



Unna-Vidal
11,5 cm/4 1/2"
27-7216-11

d'Assumpção
18 cm/7"
27-7318-18



Keyes
Satz komplett
Set complete
Juego completo
Jeu complet
27-7460-00



Fox
14 cm/5 1/2"

Fig. 1
27-7562-14

Fig. 2
27-7564-14

Fig. 3
27-7566-14

Fig. 4
27-7568-14



Wolf
14 cm/5 1/2"

Fig. 1
27-7570-14

Fig. 2
27-7572-14

Fig. 3
27-7574-14

Fig. 4
27-7576-14

Fig. 5
27-7578-14

Fig. 6
27-7580-14



Kaye
13 cm/5"

27-7582-13

27-7584-13

2 mm Ø
27-7586-55

4 mm Ø
27-7588-55

6 mm Ø
27-7590-55

8 mm Ø
27-7592-55

10 mm Ø
27-7594-55

12 mm Ø
27-7596-55



5,5 cm/2 1/4"

Griff
Handle
Mango
Manche

8 cm/3 1/4"
27-7598-08

27-7586-55
27-7596-55





Dermatome
Dermatomes
Dermátomos
Dermatomes



1/2

Humby

32 cm/13"
27-7610-32

Komplett mit Klinge
complete with blade
completo con hoja
complet avec lame

27-7610-32



1/2

Humby

27-7612-32

Ersatzklinge
Spare Blade
Hoja de repuesto
Lame de rechange, seule



1/2

Silver

19 cm/7 1/2"
27-7620-19

für handelsübliche Rasierklingen
for usual razor blades
para hojas de afeitar usuales
pour lames de rasoir modèle standard

Dermatome
Dermatomes
Dermátomos
Dermatomes

Komplett
mit 2 Spannplatten
und einer Klinge
complete
with 2 skin fixing
plates and one
blade
completo
con 2 placas para
extender la piel y
una hoja
complet
avec deux plaque
pour tendre la peau
et lame

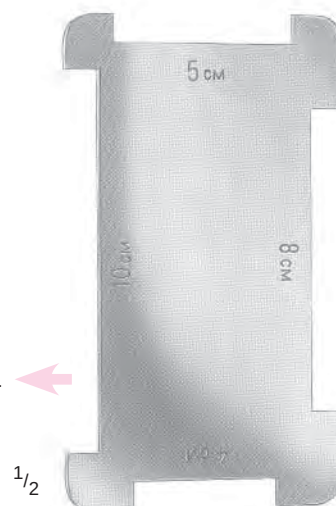
27-7622-31



Schink

27-7634-31

Ersatzklinge
Spare Blade
Hoja de repuesto
Lame de rechange, seule



27-7622-31

Schink

27-7644-31

Spannplatte
Skin Fixing Plate
Placa para extender la piel
Plaque pour tendre la peau

Schink

31 cm/12 1/4"
27-7622-31

einstellbar von 0,1 bis 2,0 mm
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

ابزار ناخن

Nagelzange

Nail Nipper

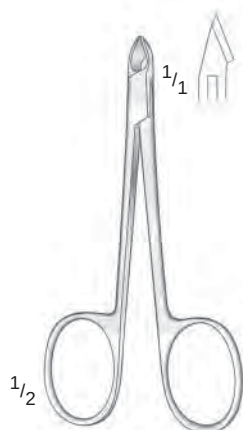
Pinza cortauñas

Pince à ongles

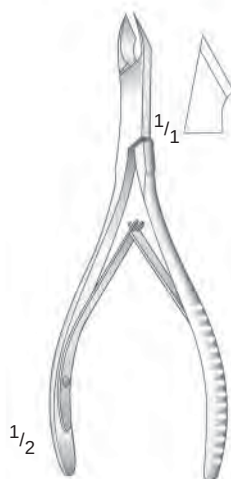


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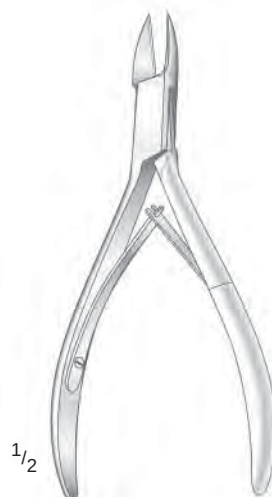
27



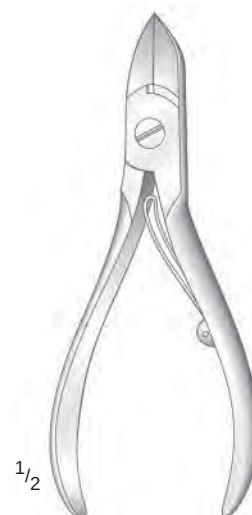
10,5 cm/4 1/4"
27-8210-10



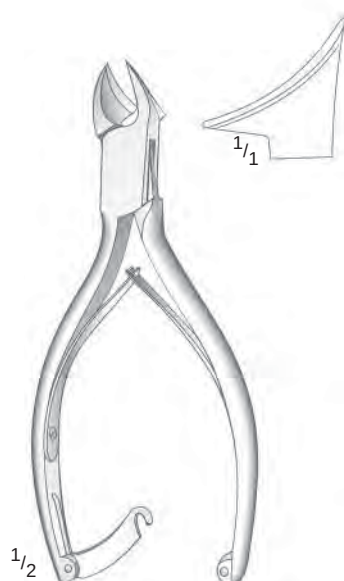
11 cm/4 1/2"
27-8212-11



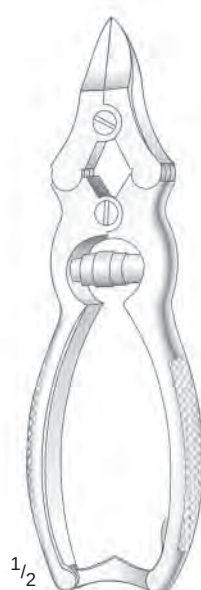
11 cm/4 1/2" 27-8224-11
13 cm/5" 27-8226-13
15 cm/6" 27-8228-15



12 cm/4 3/4"
27-8230-12



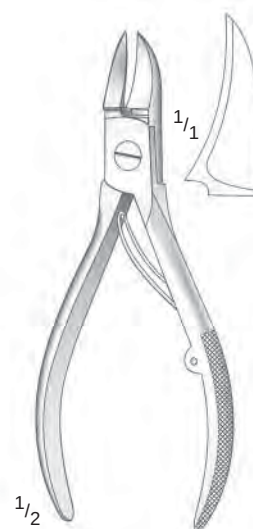
14 cm/5 1/2"
27-8234-14



15,5 cm/6"
27-8236-15



Turnbull
11,5 cm/4 1/2" 27-8238-11
13 cm/5" 27-8238-13



13 cm/5"
27-8242-13



ابزار ناخن

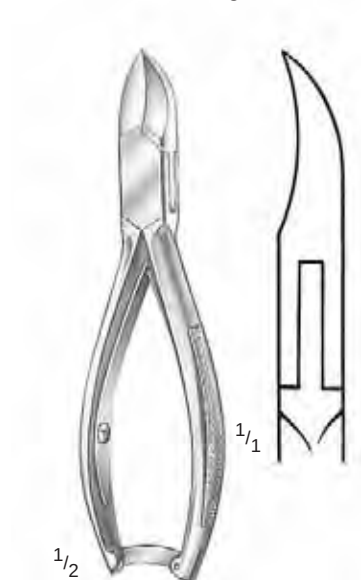
Nagelzange

Nail Nipper

Pinza cortauñas

Pince à ongles

Nagelzange
Nail Nipper
Pinza cortauñas
Pince à ongles



10 cm/4" 27-8251-10
14 cm/5 1/2" 27-8252-14
16 cm/6 1/4" 27-8253-16



Nagelvijlen
Nail files
limes à ongles
limas de uñas



12 cm/4 3/4" 27-8340-12
10 cm/4" 27-8342-10
11 cm/4 1/2" 27-8346-11

40

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انواع ابزار معده، روده، رکتوم،
کبد، کیسه صفرا، کلیه و مجاری ادرار

**Magen, Darm,
Rektum, Leber, Gallenblase,
Niere, Blase und Harnwege**

**Stomach, Intestine,
Rectum, Liver, Gall-Bladder,
Kidney, Urology**

**Estómago, intestino, recto,
higado, vesícula biliar,
riñon, vejiga y vias
urinarias**

**Estomac, intestin, rectum,
foie, vésicule biliaire, rein,
vessie et voies urinaires**



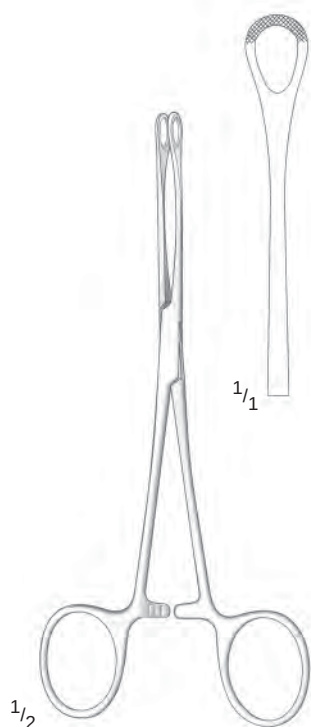
انواع پنس

Gewebefaßzangen, Darmfaßzangen

Tissue Seizing Forceps, Intestinal Tissue Forceps

Pinzas para coger el tejidos e intestinos

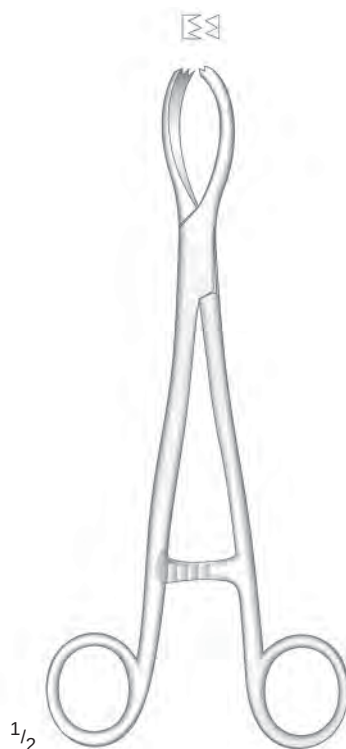
Pinces pour saisir le tissu



Williams

16 cm/6¹/₄"

40-0100-16



Little wood

19 cm/7¹/₂"

40-0101-19



Denis-Browne

18 cm/7"

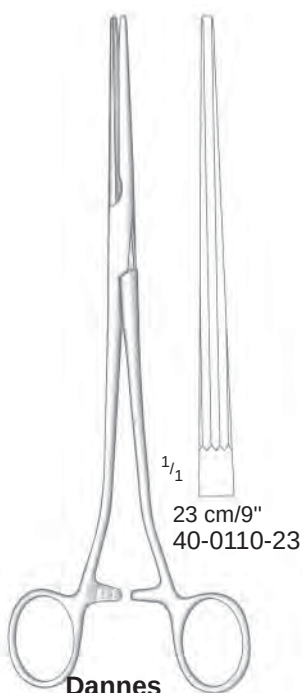
40-0102-18



Young

21 cm/8¹/₄"

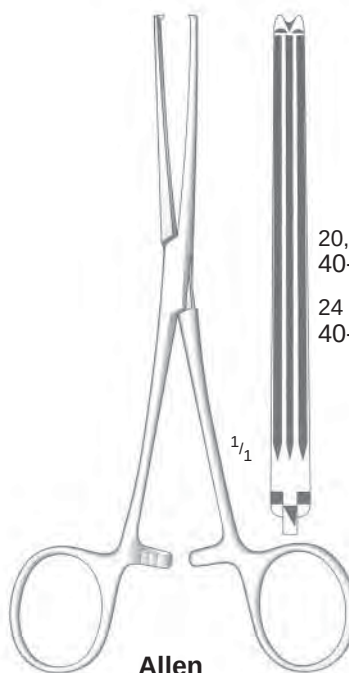
40-0103-21



Dannes

23 cm/9"

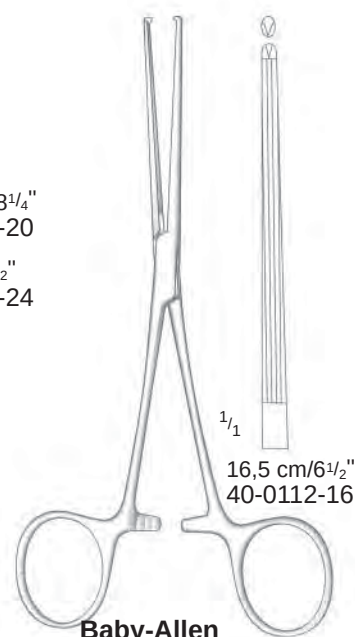
40-0110-23



Allen

20,5 cm/8¹/₄"
40-0111-20

24 cm/9¹/₂"
40-0111-24



Baby-Allen

16,5 cm/6¹/₂"
40-0112-16

کلمپ آناستوموز روده

Darm-Anastomosenklemmen

Intestinal Anastomosis Clamps

Clamps para anastomosis intestinales

Pinces-clamps pour anastomose intestinale



40



Veidenheimer

23 cm/9"

40-0114-23

Fehland

24 cm/9³/₄"

40-0115-24

Resano

30 cm/12"

40-0116-30



ابزار معده، روده و رکتوم
Magen, Darm, Rektum
Stomach, Intestine, Rectum
Estómago, intestino, recto
Estomac, intestin, rectum

(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

	Weitere instrumente siehe Seite More instruments see page Para más instrumentos véase página d' autres instruments voir page
Darmpinzetten Intestinal Forceps Pinzas intestinales Pinces pour préhension de l'intestin	116-117
Pylorusspreizer, Appendektomieklappen; Spornquetscher Pylorus Separator, Appendectomy Clamps, Spur Crusher Separadore pylorus, pinza para apendice, enterótomo Dilatateur pour le pylore, pinces pour appendectomie, entérotome	213
Darmklemmen, Magenklemmen, Gewebe-, Darm-, Organfaßzangen Intestinal Clamp Forceps, Tissue Seizing, Int. Tissue, Organ Holding Forceps Pinzas clamps intestinales, estomacales, pinzas para organos y para coger tejidos e intestinos Pinces à coprastase, pinces -clamps stomacales, pinces pour saisir le tissu, l'intestin et les organes	213-231
Wund- und Bauchdeckenhaken, Bauchdeckenhalter Abdominal Retractors and Spatulas Separadores abdominales y espátulas Ecarteurs à paroi abdominale, spatules	Mastdarm-Spreizer, Rektum-Spreizer Rectal Retractors Espécules y separadores abdominales Ecarteurs rectaux
Pelvischaken Pelvis Retractors Pelvis separadores Ecarteurs pelviens	323

ابزار معده، روده

Magen, Darm
Stomach, Intestine
Estómago, intestino
Estomac, intestin



40

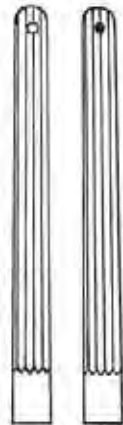
Darm- und Magenquetschklemmen
Intestinal and Stomach Clamps
Pinzas-clamps intestinales y estomacales
Pincas-clamps et ecraseurs pour l'intestin et l'estomac



Payr-Baby
15 cm/6"

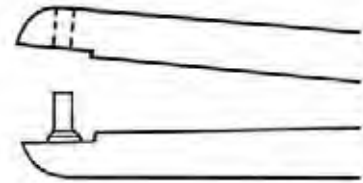


$\frac{1}{1}$



40-0130-15

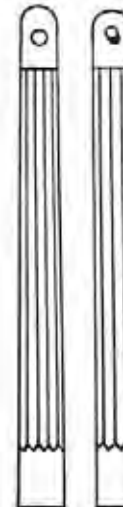
mit Stift
with pin
con espiga
à cheville



Payr-Baby
18 cm/7"



$\frac{1}{1}$



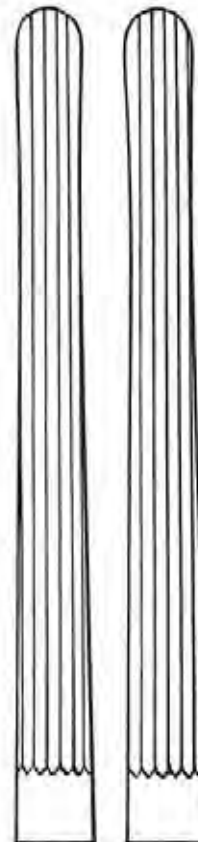
40-0130-18

40-0120-18
ohne Stift
without pin
sin espiga
sans cheville

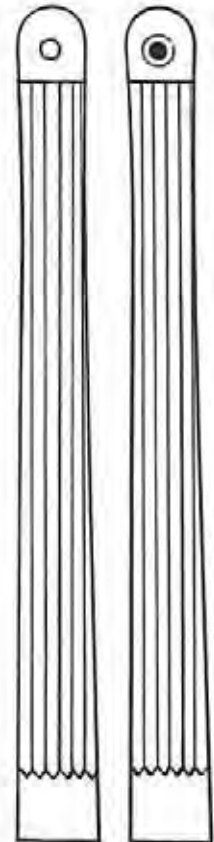
mit Stift
with pin
con espiga
à cheville

ohne Stift
without pin
sin espiga
sans cheville

mit Stift
with pin
con espiga
à cheville



$\frac{1}{1}$



40-0120-20

20 cm/8"

ohne Stift
without pin
sin espiga
sans cheville

mit Stift
with pin
con espiga
à cheville

40-0120-28

28 cm/11"

40-0130-28

40-0120-35

35cm/14"

40-0130-35

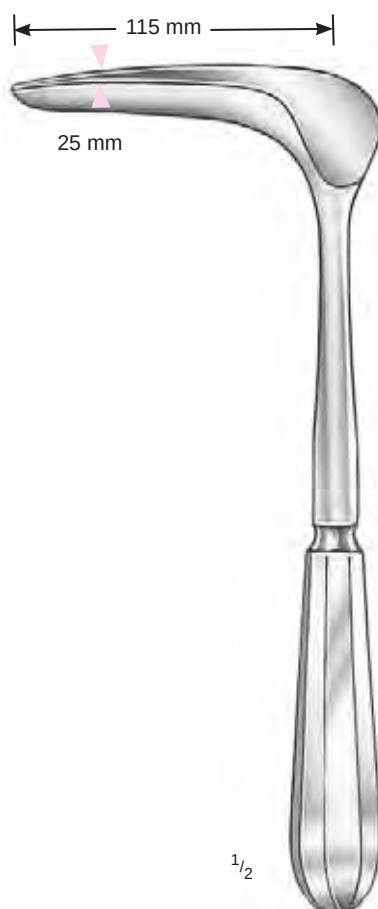
Payr



ابزار رکتوم

Rektum
Rectum
recto
rectum

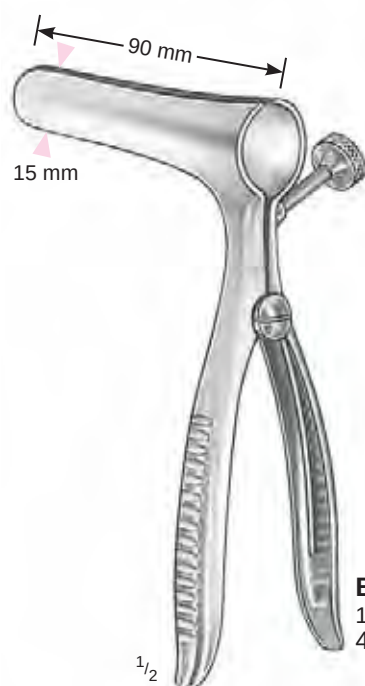
Univer®



Mastdarmspekula
Rectal specula
Espécúlos rectales
Spéculums rectaux

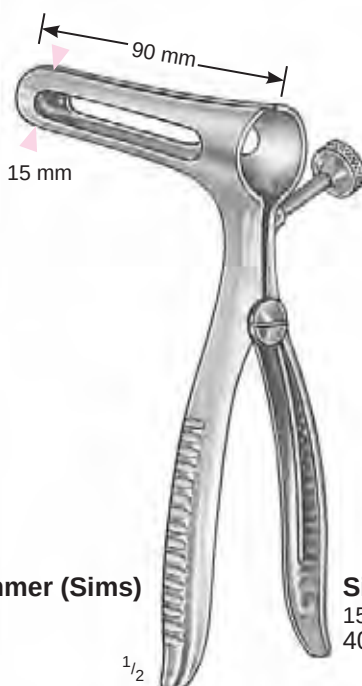
Czerny
22 cm/8³/₄"
40-0203-22

1/2



Bodenhammer (Sims)
15 cm/6"
40-0206-16

1/2



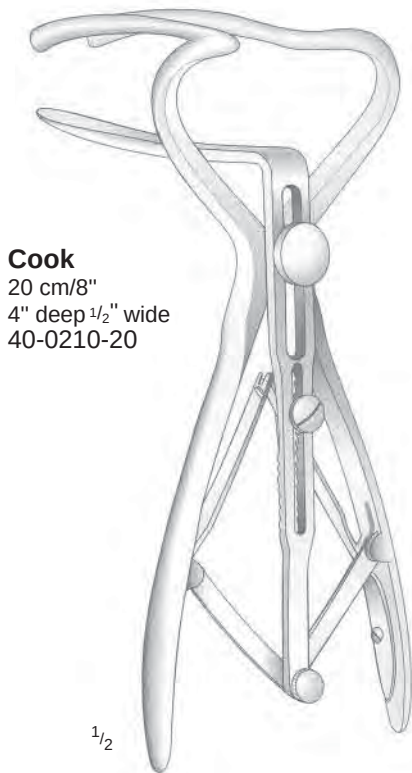
Sims
15 cm/6"
40-0207-16

1/2



Pratt
22 cm/8³/₄"
40-0209-22

1/2



Cook
20 cm/8"
4" deep 1/2" wide
40-0210-20



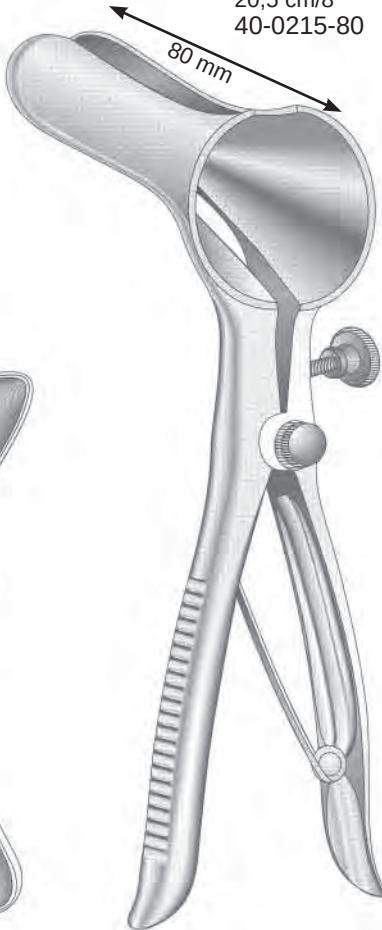
22 x 37 mm 40-0211-37
35 x 75 mm 40-0211-75
22 x 87 mm 40-0211-87

Sawyer
28 cm/11"

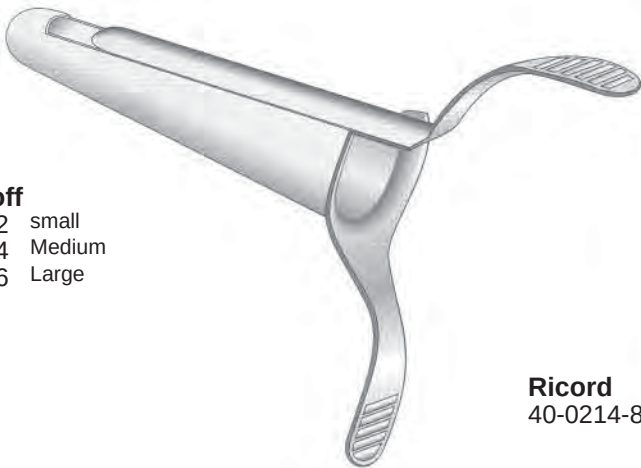


Hill-Ferguson
21,5 cm/8 1/2" 22 x 65 mm 40-0212-65
22 cm/8 3/4" 30 x 75 mm 40-0212-75

25 mm



Pratt
20,5 cm/8"
40-0215-80

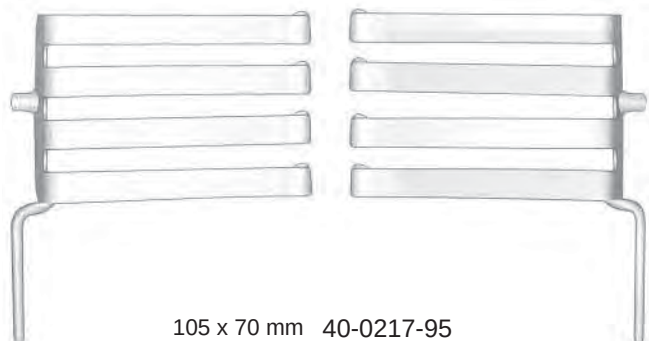


Brinkerhoff
40-0213-82 small
40-0213-84 Medium
40-0213-86 Large

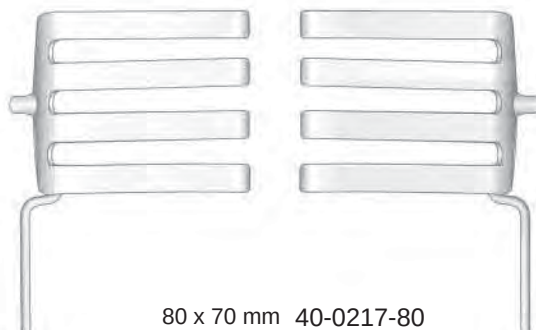
Ricord
40-0214-88



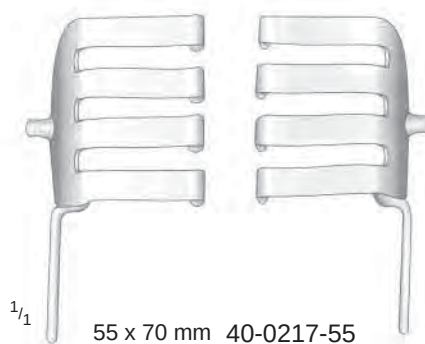
اسپرایدر رکتال
Analpreizer
Rectal Spreaders
Separadores rectales
Ecarteurs rectaux



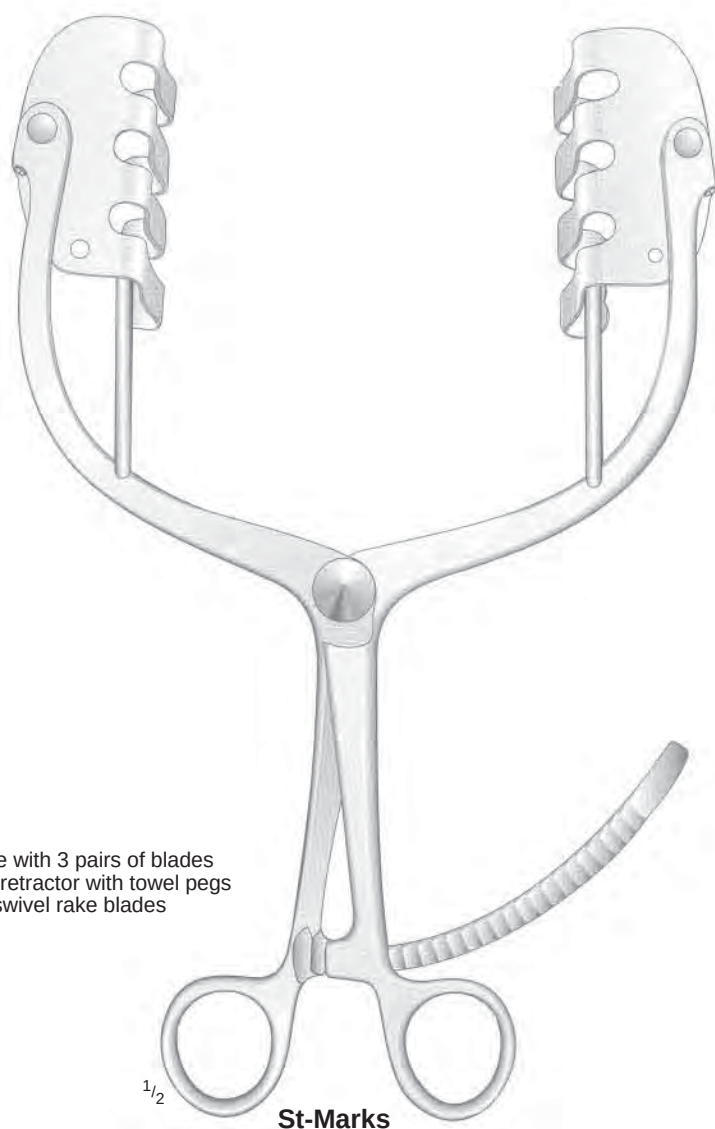
105 x 70 mm 40-0217-95



80 x 70 mm 40-0217-80



$\frac{1}{1}$ 55 x 70 mm 40-0217-55



Complete with 3 pairs of blades
 Perineal retractor with towel pegs
 fitted to swivel rake blades

$\frac{1}{2}$

St-Marks



Barr
 20,5 cm/8"
 40-0218-20

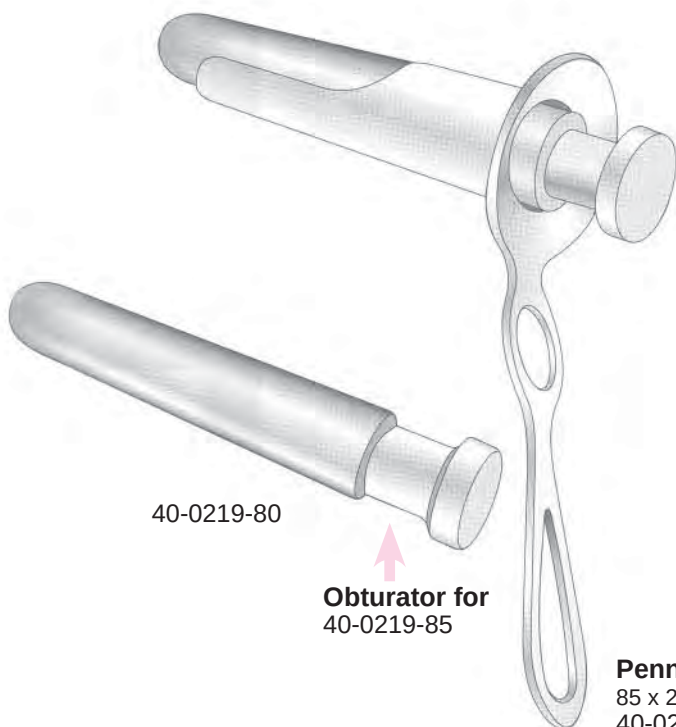
$\frac{1}{2}$



Fansler
 60 x 35 mm
 40-0219-60



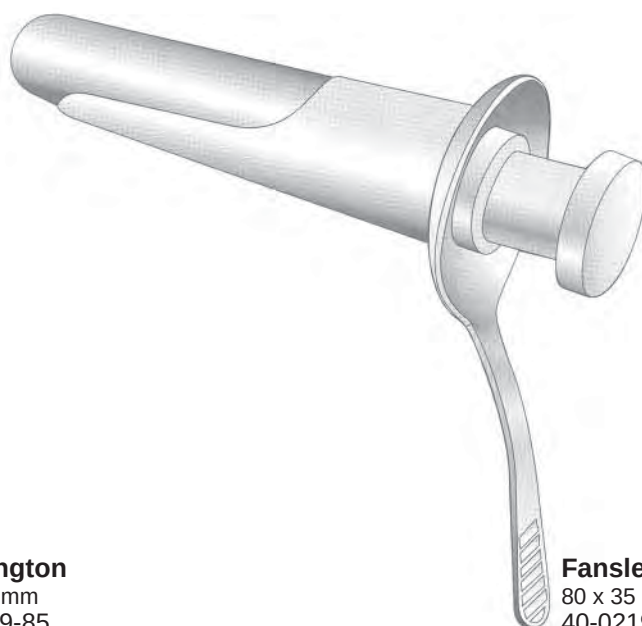
Barr-Shuford
 40-0219-62



40-0219-80

↑
Obturator for
 40-0219-85

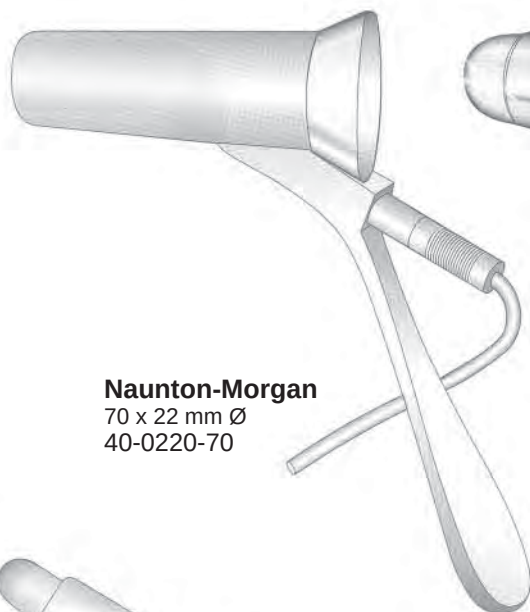
Pennington
 85 x 25 mm
 40-0219-85



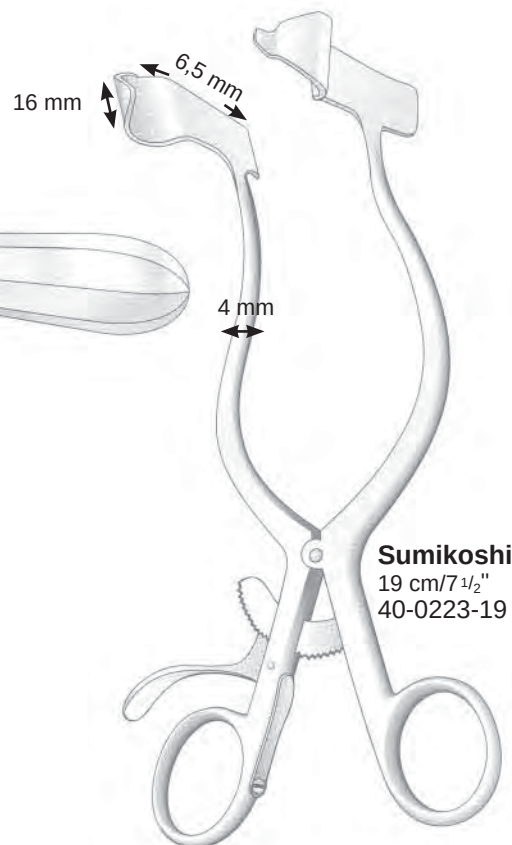
Fansler-Ives
 80 x 35 mm
 40-0219-90



Naunton-Morgan
 70 x 22 mm Ø
 40-0220-70

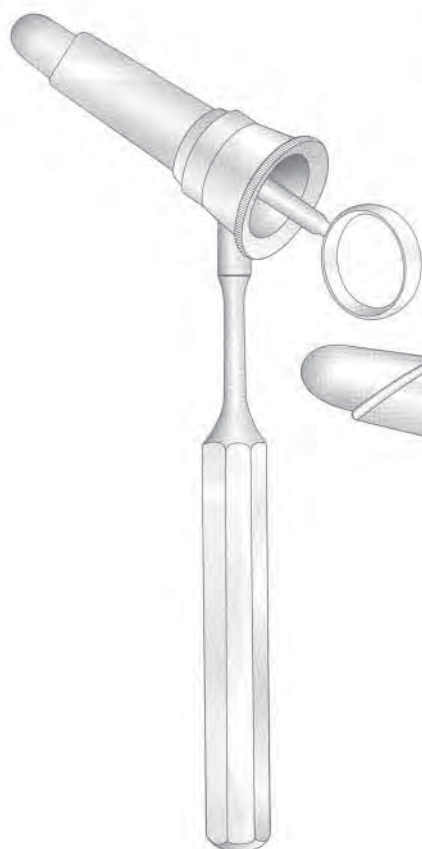


Kelly
 36 x 22 mm Ø 40-0222-36
 64 x 25 mm Ø 40-0222-64

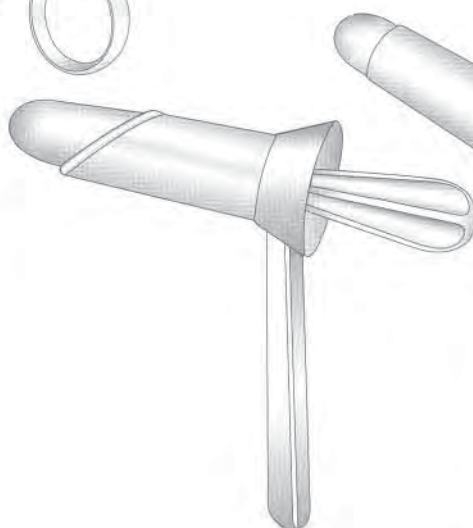


Sumikoshi
 19 cm/7½"
 40-0223-19

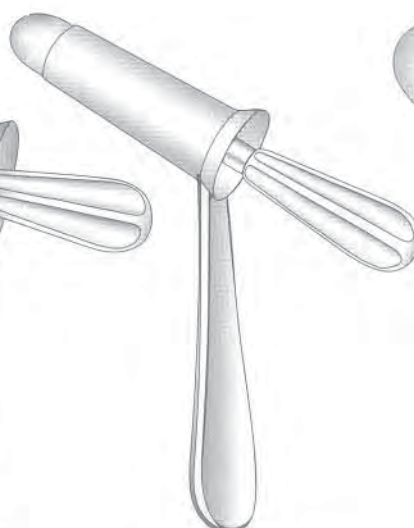
Heavy type, ratched
 beckman, eaton type



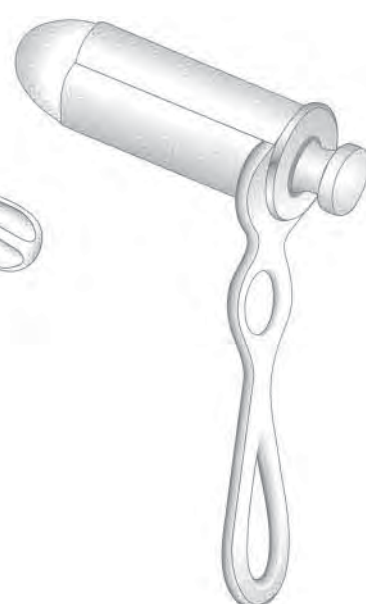
Bensaude
 70 x 19 mm Ø 40-0225-19
 70 x 22 mm Ø 40-0225-22



Garbriel
 49 x 19 mm Ø 40-0227-49
 64 x 24 mm Ø 40-0227-64



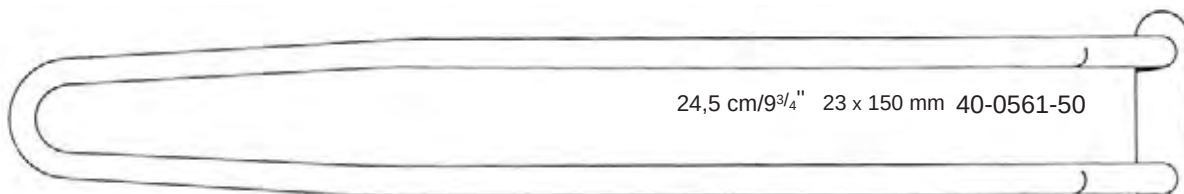
Graeme-Anderson
 64 x 24 mm Ø 40-0228-24



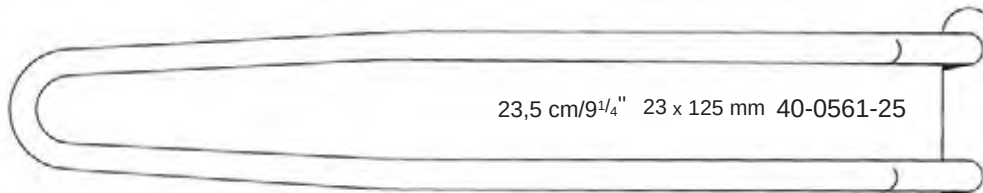
Chelsea Eaton
 75 x 22 mm Ø 40-0229-22
 75 x 32 mm Ø 40-0229-32

Mastdarmspekula
 Rectal specula
 Espécules rectales
 Spéculums rectaux

für Erwachsene
 for adults
 para adultos
 pour adultes

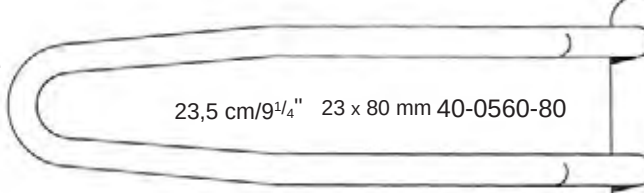


24,5 cm/9³/₄" 23 x 150 mm 40-0561-50



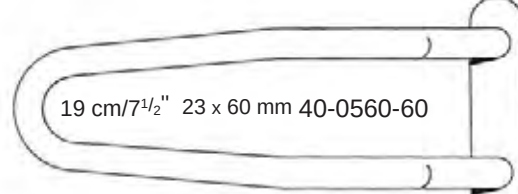
23,5 cm/9¹/₄" 23 x 125 mm 40-0561-25

für Erwachsene
 for adults
 para adultos
 pour adultes

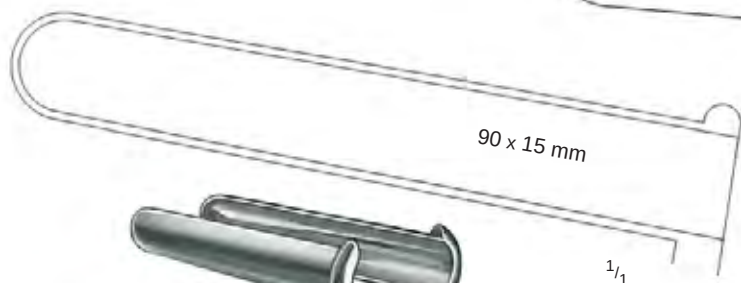


23,5 cm/9¹/₄" 23 x 80 mm 40-0560-80

für Kinder
 for children
 para niños
 pour enfants



19 cm/7¹/₂" 23 x 60 mm 40-0560-60



90 x 15 mm



1/2

Mathieu
 19 cm/7¹/₂"
 40-0543-19



1/2

Sims
 (Schulze-Bergmann)



Sphinkterskope
 Sphincteroscopes
 Esfinteroscopios
 Sphincteroscopes



Kelly

Ø 21 mm x 50 mm 40-0601-21
 Ø 25 mm x 50 mm 40-0601-25
 Ø 27 mm x 50 mm 40-0601-27

Proktoskope
 Proctoscopes
 Proctoscopios
 Proctoscopes



Kelly

Ø 22 mm x 50 mm 40-0722-05
 Ø 22 mm x 100 mm 40-0722-10
 Ø 22 mm x 145 mm 40-0722-14
 Ø 22 mm x 200 mm 40-0722-20

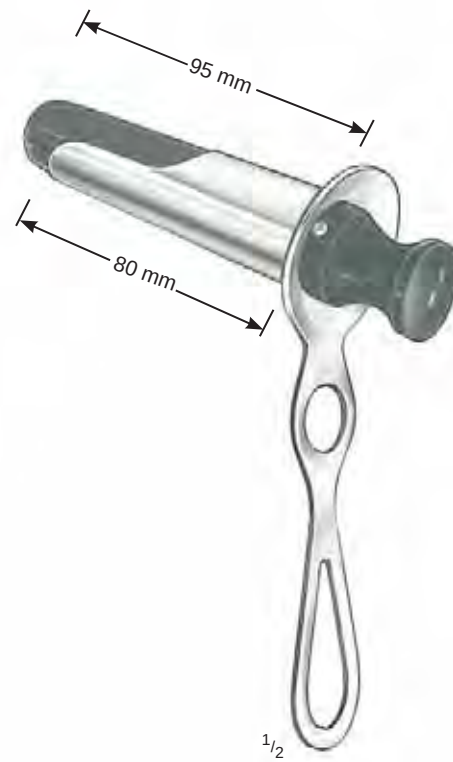
Anuskope
 Anoscopes
 Anoscopios
 Anoscopes



$\frac{1}{2}$

Hirschmann

Fig 1 Ø 16 mm x 65 mm 40-0806-16
 Fig 2 Ø 19 mm x 65 mm 40-0806-19
 Fig 3 Ø 22 mm x 65 mm 40-0806-22



$\frac{1}{2}$

Ives-Fansler

22 mm Ø
 40-0826-22

انواع پانچ بیوپسی رکتال و روده

Mastdarmbiopsiezangen, Darm
Rectal Biopsy Forceps, Intestine
Pinzas para biopsía rectal, intestino
Pinces à biopsie rectale, intestin



40

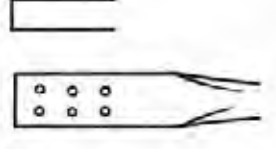
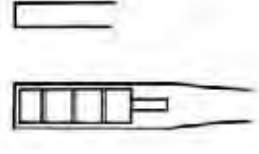
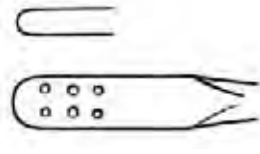
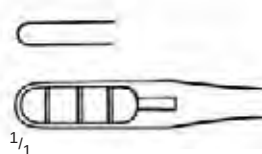
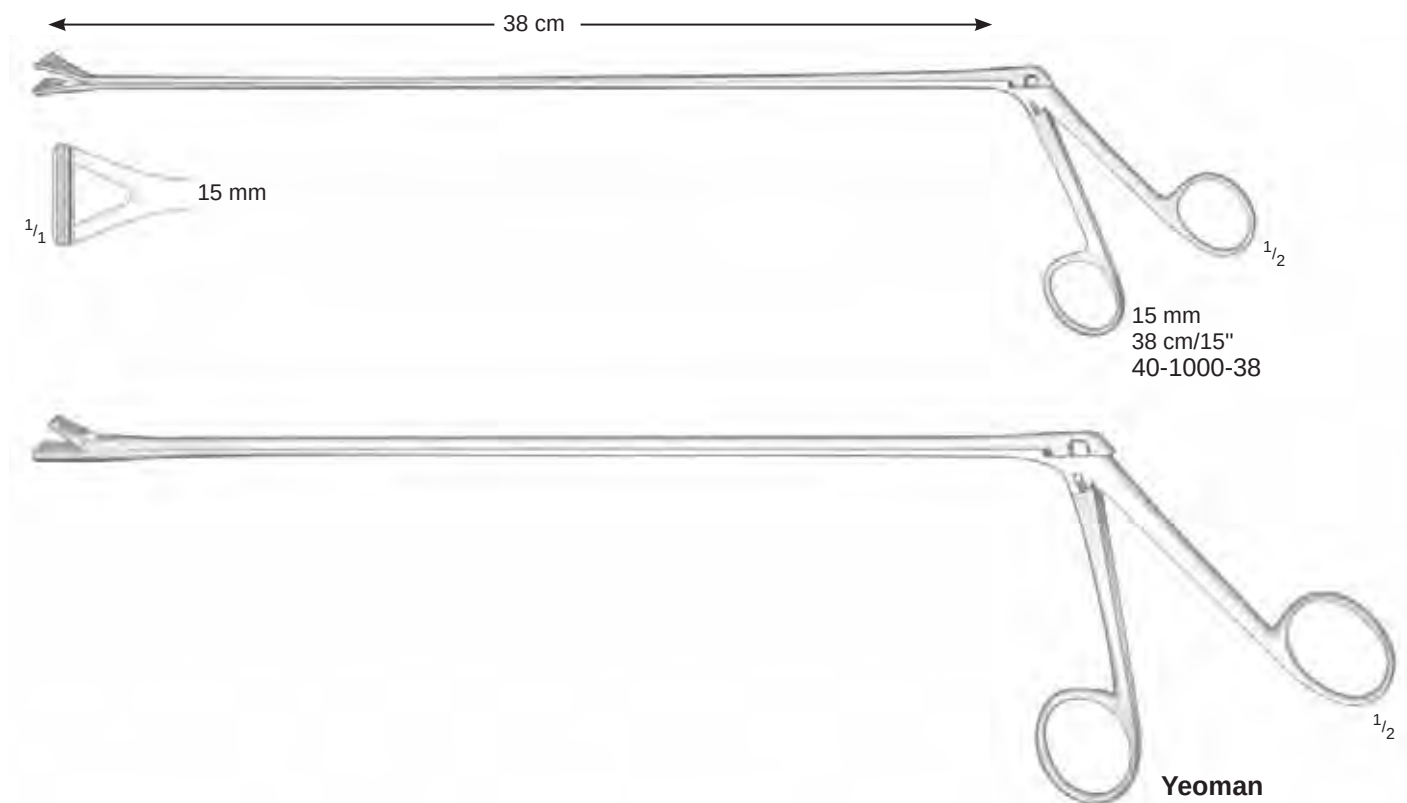


Fig. 1

Fig. 2

Fig. 3

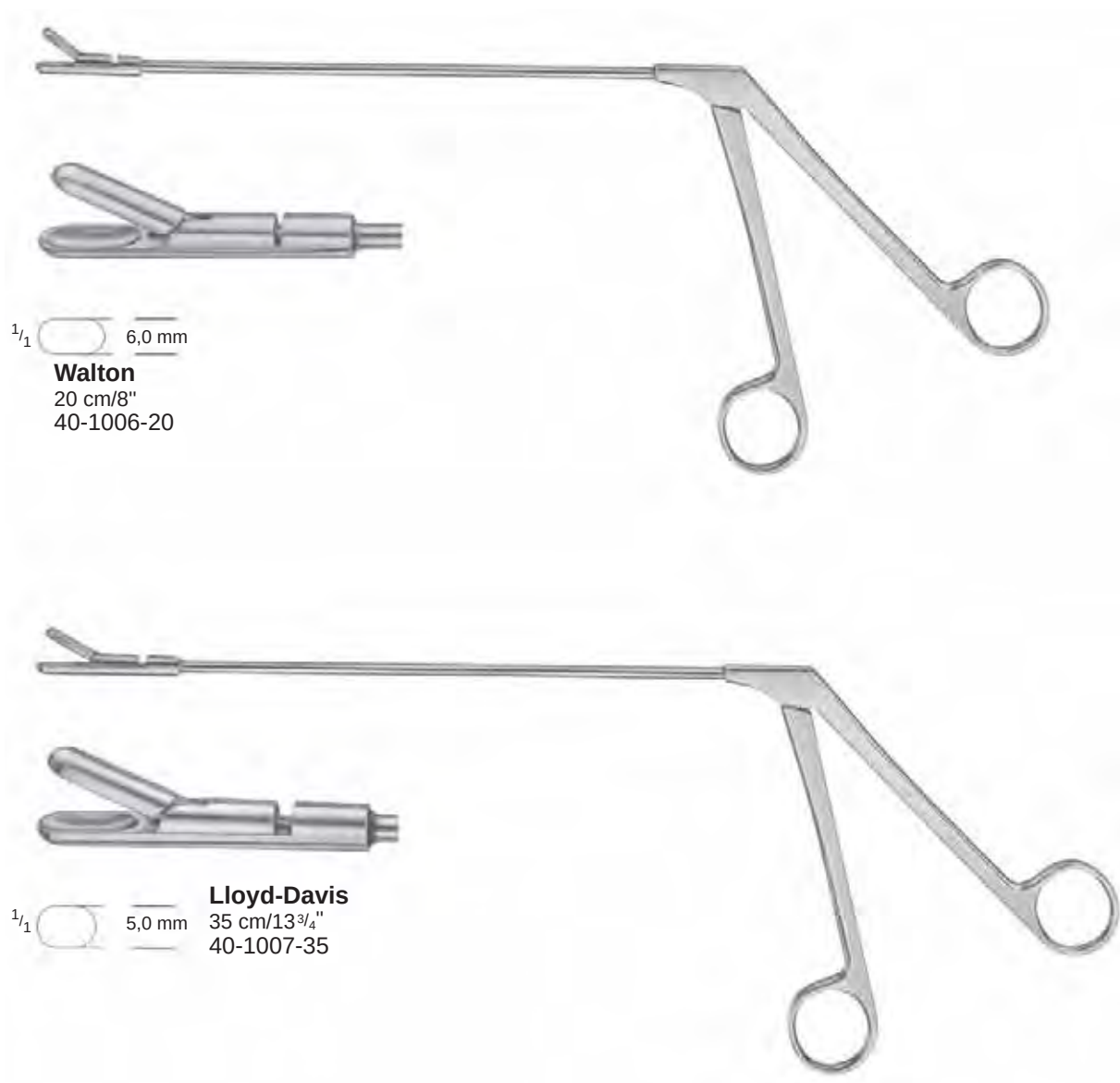
Fig. 4

cm	inch.	Fig. 1	Fig. 2	Fig. 3	Fig. 4
28	11	40-1001-28	40-1002-28	40-1003-28	40-1004-28
35	13 ^{3/4}	40-1001-35	40-1002-35	40-1003-35	40-1004-35
42	16 ^{1/2}	40-1001-42	40-1002-42	40-1003-42	40-1004-42



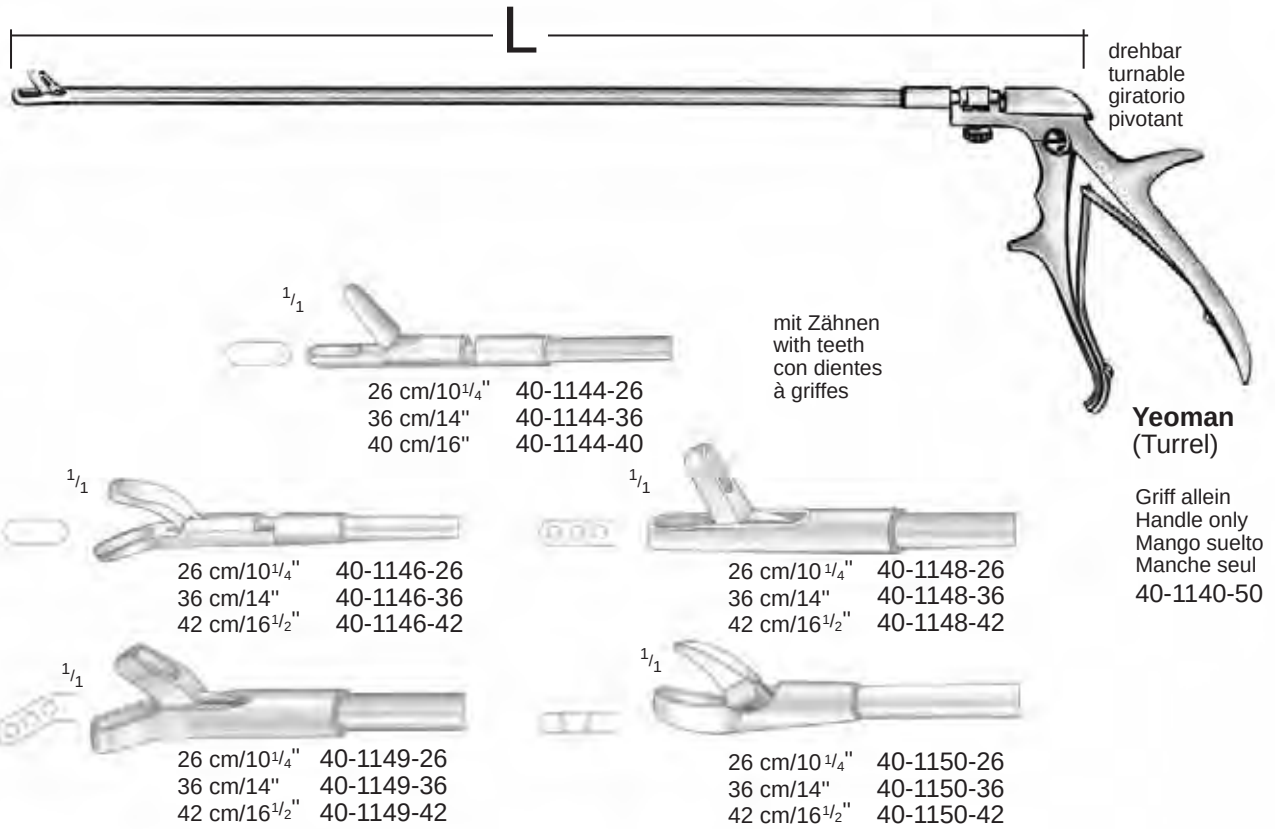
انواع پانچ بیوپسی رکتال و روده

Mastdarmbiopsiezangen, Darm
Rectal Biopsy Forceps, Intestine
Pinzas para biopsia rectal, intestino
Pincers à biopsie rectale, intestin



انواع پانچ بیوپسی رکتال و روده

Mastdarmbiopsiezangen, Darm
Rectal Biopsy Forceps, Intesstine
Pinzas para biopsía rectal, intestino
Pinces à biopsie rectale, intestin



Auswechselbare Griffe für Mastdarm-Biopsiezangen
 Interchangeable handles for Rectal Biopsy Specimen Forceps
 Mangos intercambiables para pinzas sacabocados para biopsía rectal
 Manches interchangeables pour pinces emporte-pièces à biopsie rectale





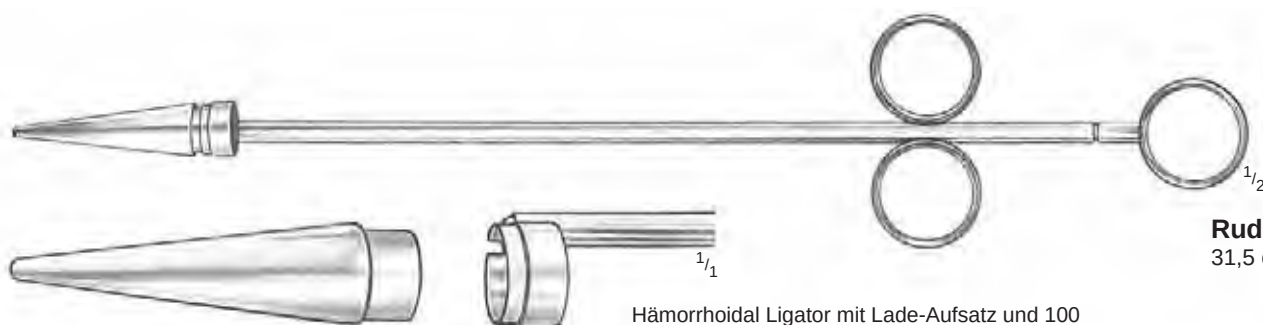
ابزار جراحی هموروئید

Hämorrhoidal-Ligatoren

Haemorrhoidal Ligators

Ligadores hemorroidales

Ligateurs pour l'ablation des hémorroïdes

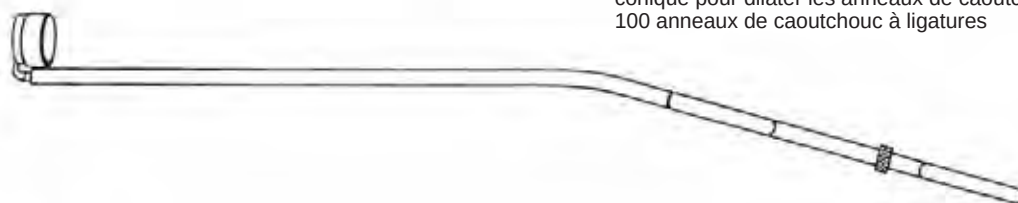


Rudd

31,5 cm/12 1/2"

40-1454-92
12 mm Ø

Hämorrhoidal Ligator mit Lade-Aufsatz und 100
Ligatur-Gummiringen
Haemorrhoidal ligator with loading attachment and
100 ligature rubber rings
Ligador hemorroidal con aditamiento de carga y
100 anillos de goma para ligaduras
Ligateur pour hémorroïdes comprenant un embout
conique pour dilater les anneaux de caoutchouc et
100 anneaux de caoutchouc à ligatures



gerade
straight
rectas
droits

40-1454-12

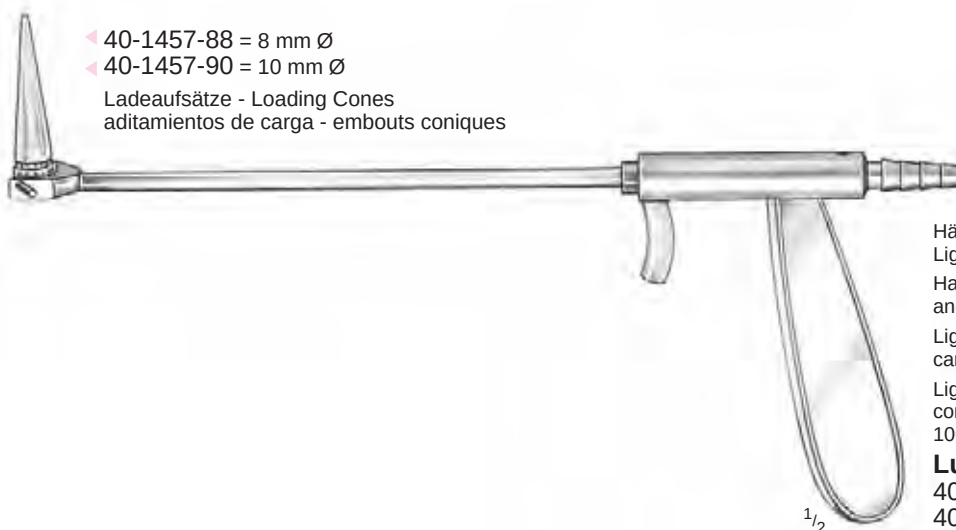
gebogen
curved
curvas
courbes

40-1455-12



1/1

Ligatur-Gummiringe
in Packung à 100 Stück
Ligature rubber rings
in package of 100 pieces
Anillos de goma para ligaduras
en paquetes de 100 unidades
Anneaux de caoutchouc à ligatures,
en paquet de 100 pièces
40-1453-99



◀ 40-1457-88 = 8 mm Ø
◀ 40-1457-90 = 10 mm Ø

Ladeaufsätze - Loading Cones
aditamientos de carga - embouts coniques

Hämorrhoidal-Saugligator mit Lade-Aufsatz und 100
Ligatur-Gummiringen
Haemorrhoidal Suction Ligator with loading attachment
and 100 ligature rubber rings
Ligador aspirante hemorroidal con aditamiento de
carga y 100 anillos elásticos para ligaduras
Ligateur aspirant pour hémorroïdes, avec embout
conique pour dilater les anneaux de caoutchouc et
100 anneaux de caoutchouc à ligatures

Lurz

40-1457-08 = 8 mm Ø

40-1457-10 = 10 mm Ø

ابزار جراحی هموروئید

Hämorrhoiden-Faßzange

Haemorrhoidal Forceps

Pinza hemorroidal

Pince pour saisir les hémorroïdes

Magen, Darm, Rektum

Stomach, Intestine, Rectum

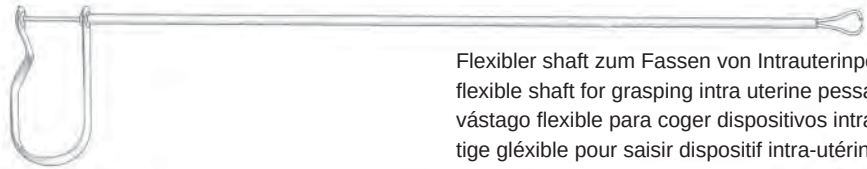
Estómago, intestino, recto

Estomac, intestin, rectum



40

37,5 cm/15" 40-1458-37
45 cm/17 3/4" 40-1458-45

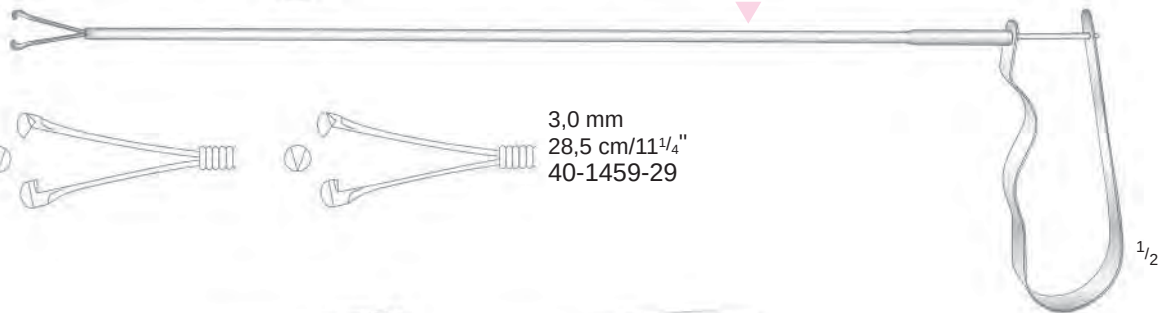


Flexibler shaft zum Fassen von Intrauterinpessaren
flexible shaft for grasping intra uterine pessary
vástago flexible para coger dispositivos intra-uterinos
tige gléxible pour saisir dispositif intra-utérin

3,0 mm
22 cm/8 3/4" 40-1459-22



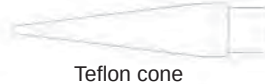
3,0 mm
28,5 cm/11 1/4" 40-1459-29



40-1462-30



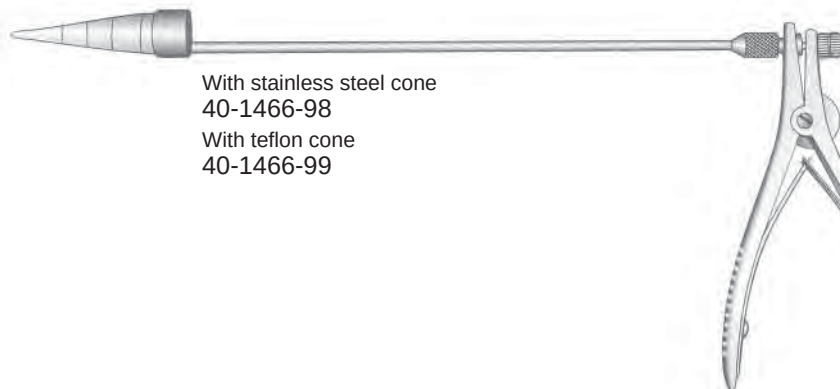
Stainless steel cone



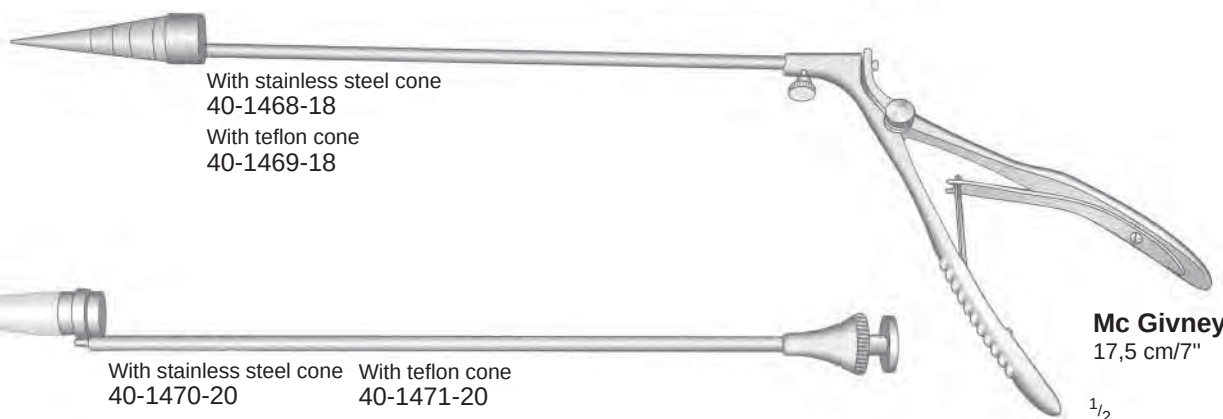
Teflon cone

40-1462-40

With stainless steel cone
40-1460-94
With teflon cone
40-1460-96



With stainless steel cone
40-1466-98
With teflon cone
40-1466-99



With stainless steel cone
40-1468-18
With teflon cone
40-1469-18

With stainless steel cone 40-1470-20
With teflon cone 40-1471-20

Mc Givney
17,5 cm/7"

1/2



سرنوركتال، روده

Rektal-Schnürer

Rectal Snares

Cierra-nudos rectales

Serre-noeuds rectaux



Frankfeld

Nutzlänge: 30,5 cm/12"
working length: 30,5 cm/12"
largo útil: 30,5 cm/12"
longueur utile: 30,5 cm/12"
40-1510-31



Norwood

Nutzlänge: 30,5 cm/12"
working length: 30,5 cm/12"
largo útil: 30,5 cm/12"
longueur utile: 30,5 cm/12"
40-1521-31

Stahldraht für Rektal-Schnürer
Steel Wire for Rectal Snares
Alambre de acero para cierra-nudos rectales
Fil d'acier pour serre-noeuds rectaux

Schnürerdrähte, geformt
Snare Wires, shaped
Asas de alambre, preparadas
Anses en fil d'acier, préparées

Drahtschlingen, gelötet
Wire Loops, soldered
Asas de alambre, soldadas
Anses en fil d'acier, soudées

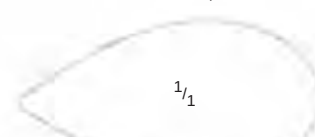


10 m, 33ft.
0,3 mm 40-1550-30
0,4 mm 40-1550-40
0,5 mm 40-1550-50



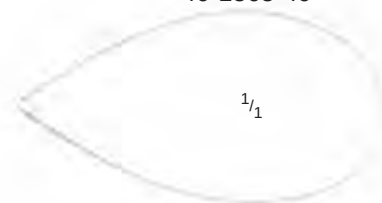
Bündel Bundles Paquete Paquets

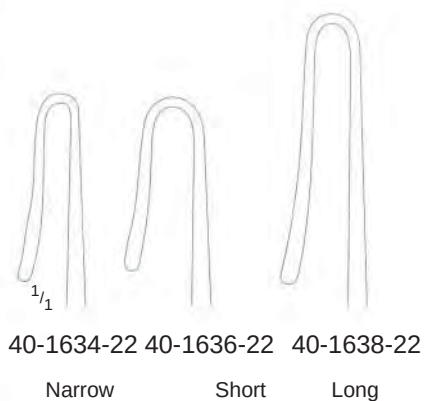
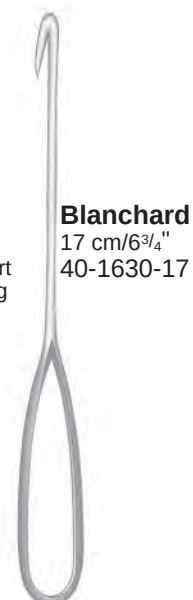
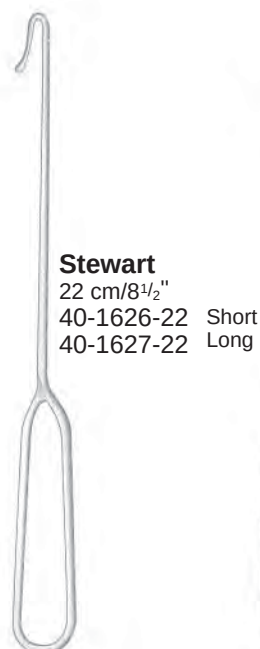
	12	100
Ø mm	10 cm/4"	
0,3	40-1552-30	40-1554-30
0,4	40-1552-40	40-1554-40
0,5	40-1552-50	40-1554-50
	12 cm/4"	
0,3	40-1556-30	40-1558-30
0,4	40-1556-40	40-1558-40
0,5	40-1556-50	40-1558-50



0,4 x 40 mm
40-1564-40

0,4 x 50 mm
40-1565-40

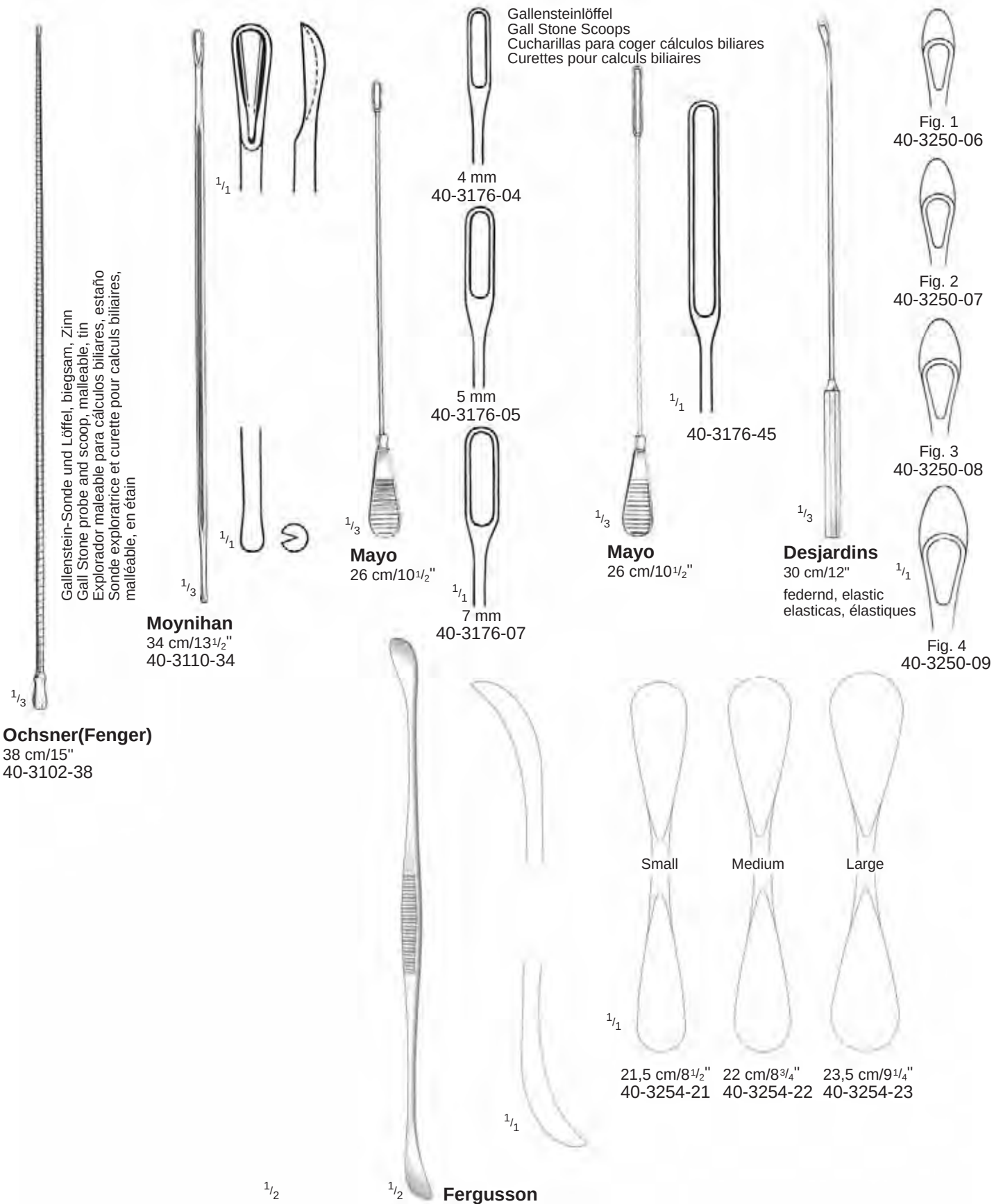






انواع پروب و دیلاتور کبد و کلیه و کیسه صفرا

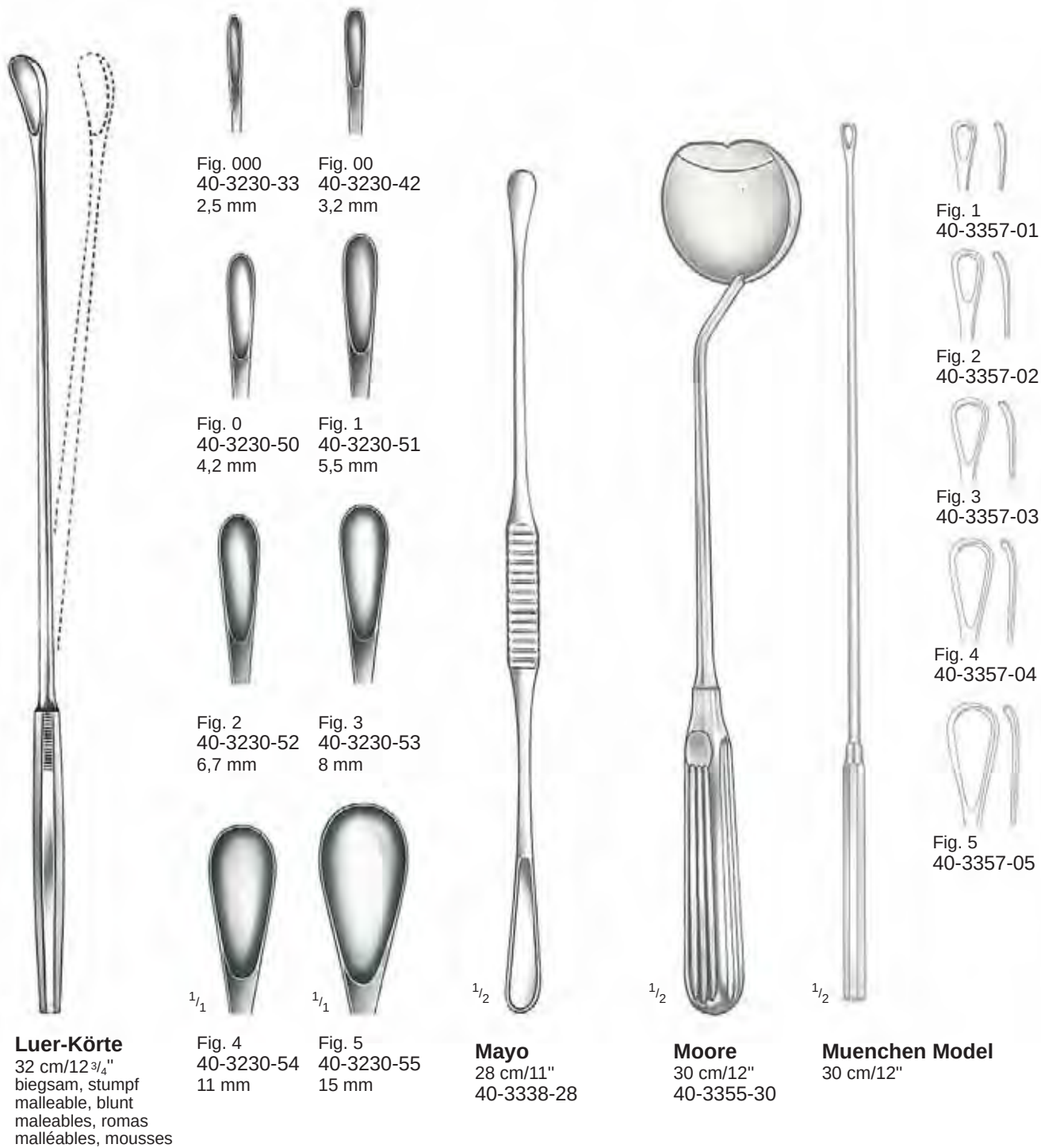
Leber, Galle, Niere
Liver, Gall, Kidney
Higado, Bilis, Riñón
Foie, Bile, Rein



کورت کیسه صفرا

Leber, Galle, Niere
Liver, Gall, Kidney
Higado, Bilis, Riñón
Foie, Bile, Rein

Gallensteinlöffel
Gall Stone Scoops
Cucharillas para coger cálculos biliares
Curettes pour calculs biliaires





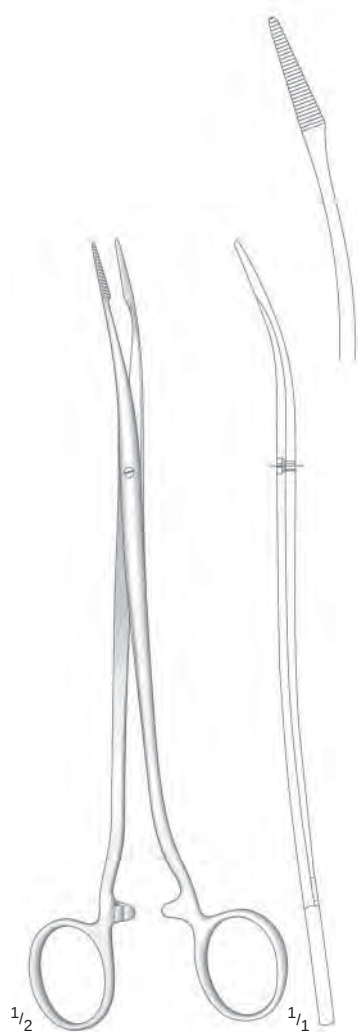
پنس سنگ کیسه صفرا

Gallensteinzangen

Gall Stone Forceps

Pinzas para cálculos biliares

Pinces pour calculs biliaires



21 cm/8 $\frac{1}{4}$ "
40-3421-21



Fig. 1
06-4911-01



$\frac{1}{1}$
Fig. 2
06-4911-02



Desjardins
23 cm/9"



Fig. 1
40-3601-23



Fig. 2
40-3602-23



$\frac{1}{1}$
Fig. 3
40-3603-23



Fig. 4
40-3604-23



Desjardins
23 cm/9"

پنس سنگ کیسه صفرا

Gallensteinzangen

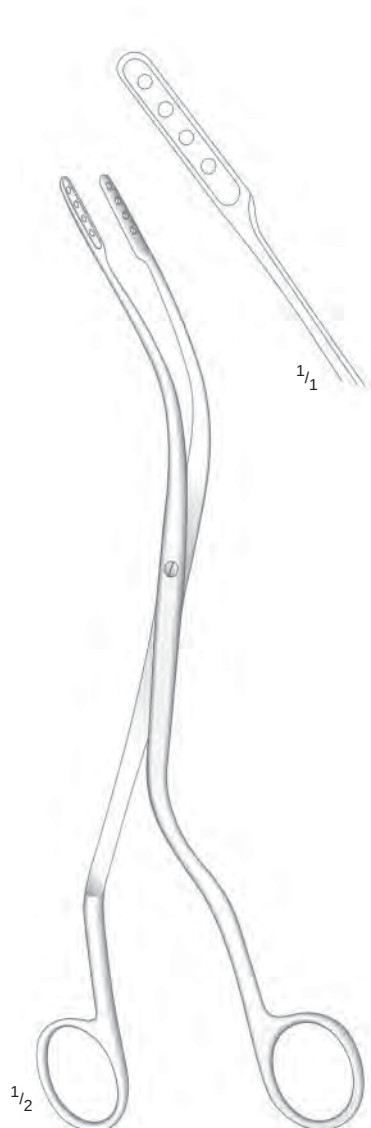
Gall Stone Forceps

Pinzas para cálculos biliares

Pinces pour calculs biliaires



40



Tubinger-modell

25 cm/10"

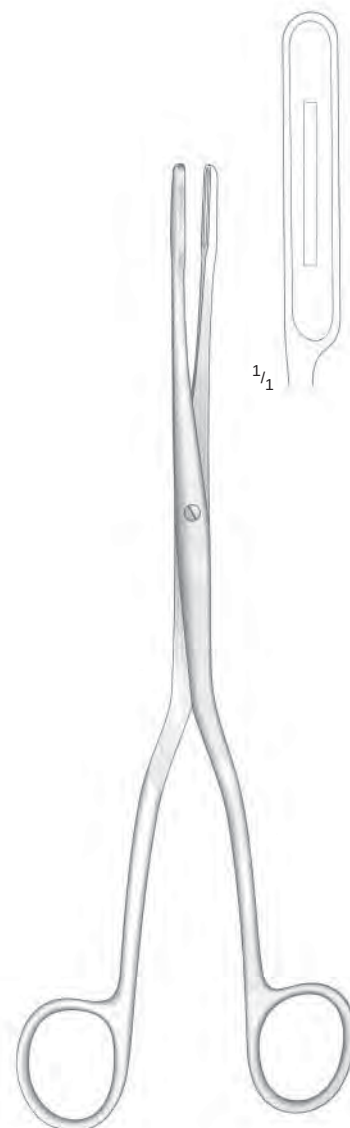
40-3810-25



Stille

24,5 cm/9³/₄"

40-3810-25



Over street forceps

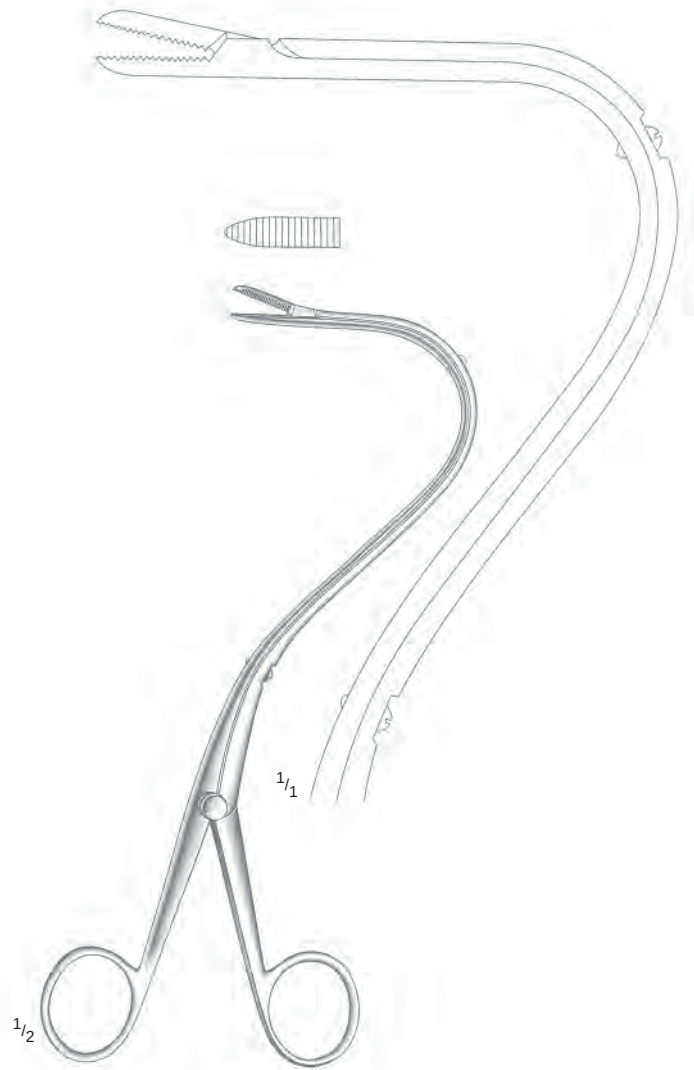
23 cm/9"

40-3810-25

پنس نفرستومی
Nephrostomy Forceps

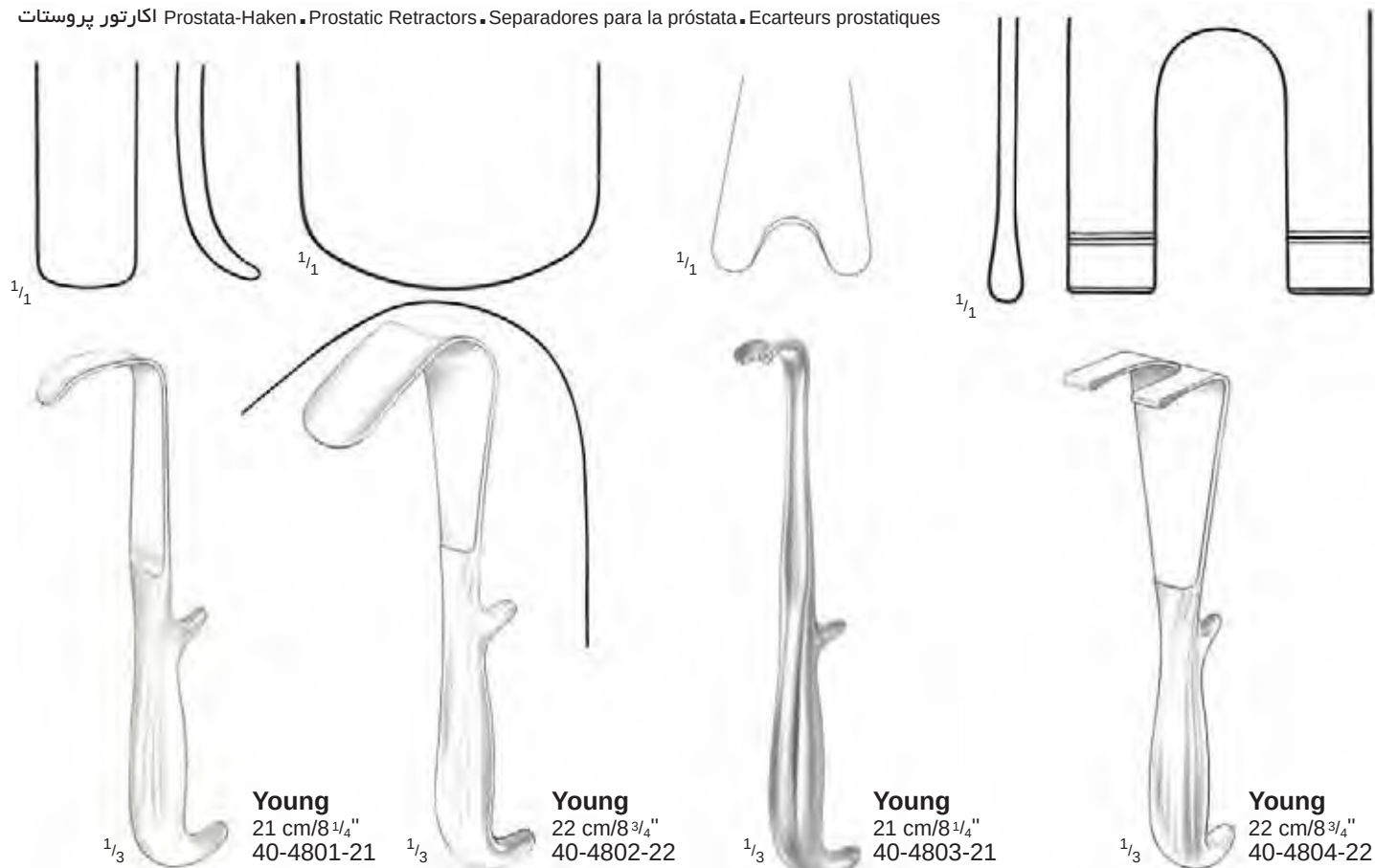


Elsasser
Fig. 1
20 cm/8"
40-4016-20

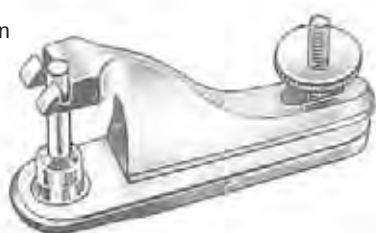


Elsasser
Fig. 2
20 cm/8"
40-4017-20

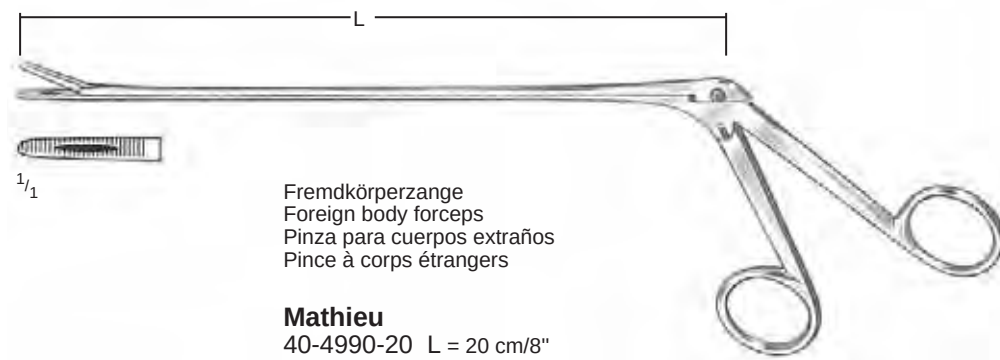
اکارتور پروستات Prostate-Haken • Prostatic Retractors • Separadores para la próstata • Ecarteurs prostatiques

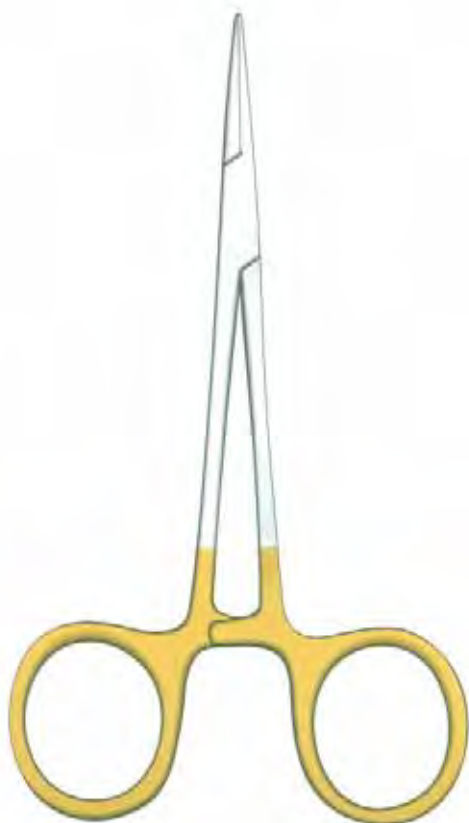


Circumcisionsgerät
(Beschneidungsklemme)
Circumcision Instrument
Instrumento para circuncisión
Instrument de circoncision

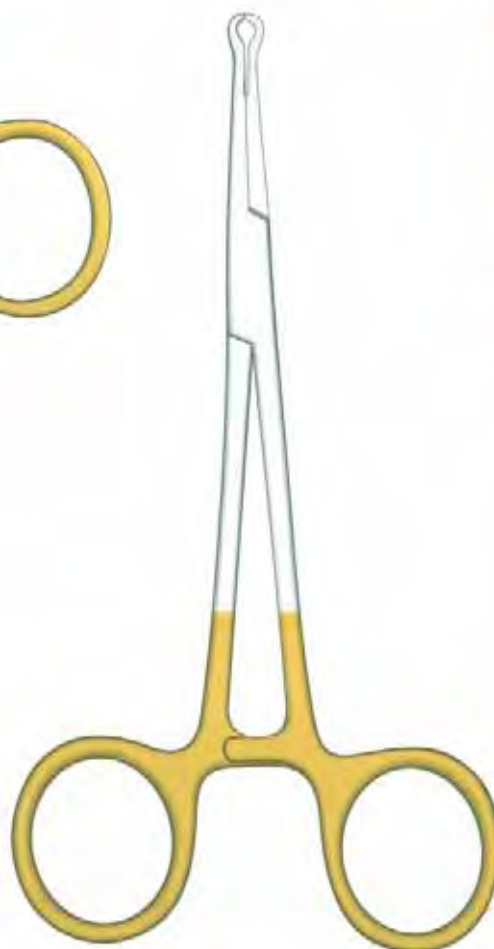


	Ø mm
40-4910-08	8,0
40-4910-11	11,0
40-4910-13	13,0
40-4910-14	14,5
40-4910-16	16,0
40-4910-21	21,0
40-4910-24	24,0
40-4910-26	26,0
40-4910-29	29,0
40-4910-32	32,0
40-4910-35	35,0





Vasectomy forceps
12 cm/4³/₄" 40-5820-12
14 cm/5¹/₂" 40-5822-14



Vasectomy towel clamp
3 mm 40-5824-13
5 mm 40-5826-15



Vasectomyhook
40-5823-22



Vasectomy
18 cm/7" 40-5830-18

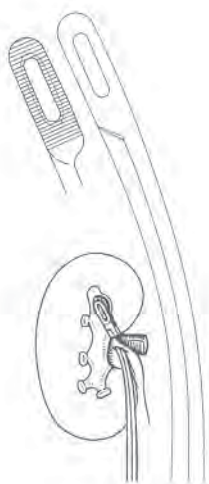


Fig. 1
23 cm/9"
40-5940-23

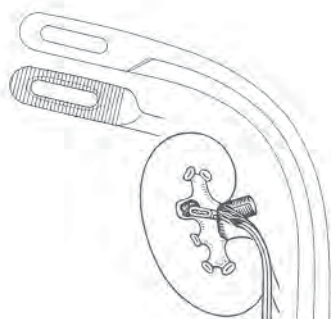


Fig. 2
21 cm/8¹/₄"
40-5942-21

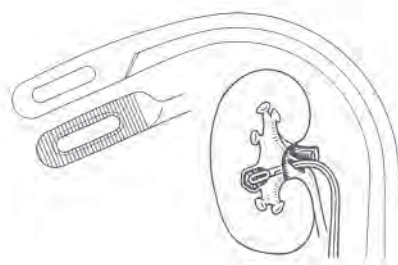


Fig. 3
19 cm/7¹/₂"
40-5944-19

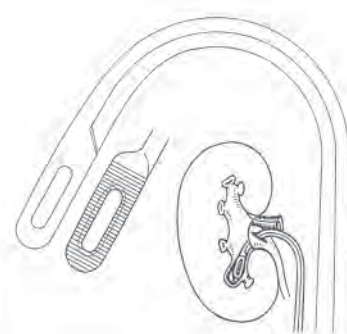


Fig. 4
18,5 cm/7¹/₄"
40-5946-18



Randall

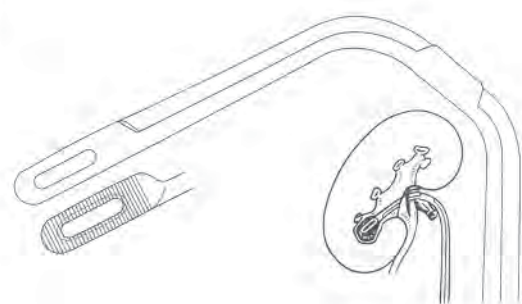


Fig. 5
19 cm/7¹/₂"
40-5948-19

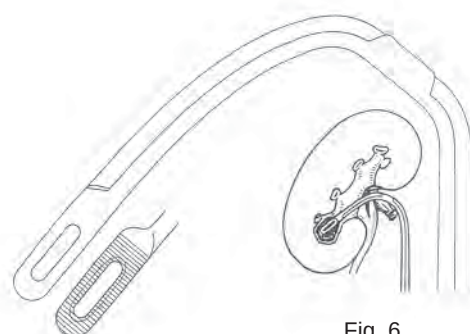


Fig. 6
19 cm/7¹/₂"
40-5950-19



پنس سنگ کلیه

Nierensteinzangen

Kidney Stone Forceps

Pinzas para cálculos renales

Pinces pour les calculs du bassine

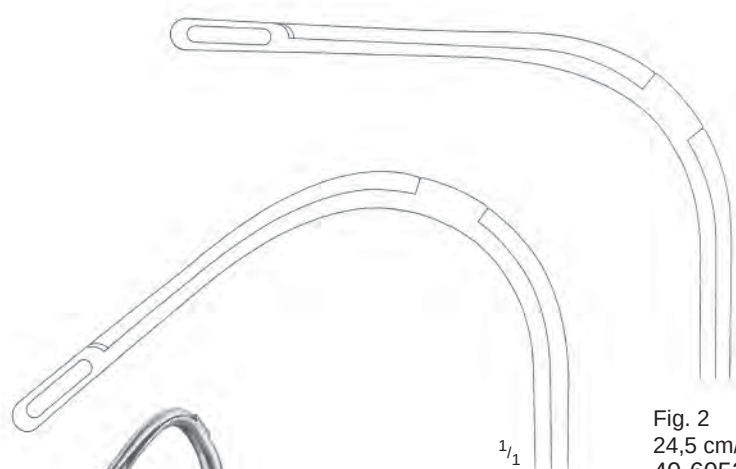


Fig. 1
23 cm/9"
40-6052-23

Fig. 2
24,5 cm/9 3/4"
40-6052-25

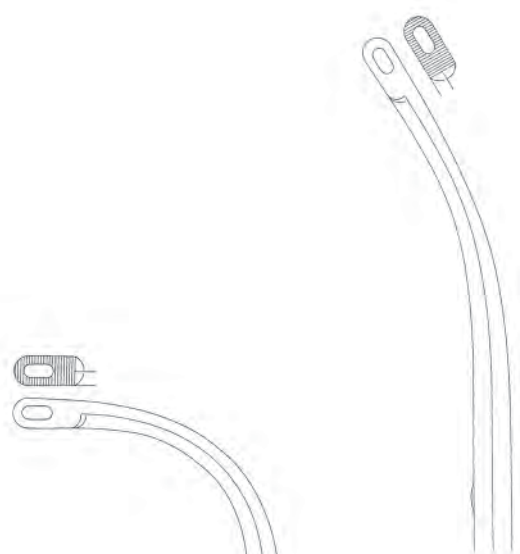
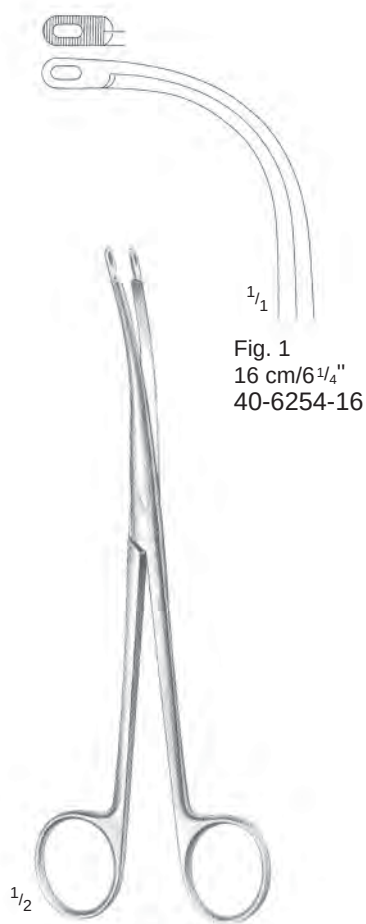


Fig. 2
17 cm/6 3/4"
40-6254-17



Randall



Heiming

(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

	Weitere instrumente siehe Seite More instruments see page Para más instrumentos véase página d' autres instruments voir page
Gallenkanal- und Zystikusklappen Gall Duct and Cystic Forceps Pinzas-clamps para conductos biliares y pinzas cisticas Pincas-clamps pour voies biliaires et cystiques	173-230 232
Gallensteinzangen Gall Stone Forceps Pinzas para cálculos biliares Pincas pour calculs biliaires	238-239 259
Nierenstielklappen, Nierenarterienklappen Kidney Pedicle Clamp Forceps, Renal Artery Clamps Pinzas-clamps para pedúnculos renales y para las arterias renales Pincas-clamps pour pédicules rénaux et pour l'artère rénale	233-234
Prostatektomie-Zangen Prostatectomy Clamps Pinzas-clamps para prostatectomia Pincas-clamps pour prostatectomie	235
Blasenwundspreizer Prostatectomy Retractors Separadores para prostatectomia Ecarteurs prostatiques	367
Metallkatheter für Frauen Female Catheters Sondas metálicas para mujeres Sondes métalliques pour femmes	640
Leber- und Nieren-Biopsie Kanülen Liver and Kidney Biopsy Needles Agujas para la biopsia del hígado y del riñon Aiguilles pour la biopsie du foie et du rein	633
Gallenkanaldilatatoren Bile Duct Dilators Dilatadores para conductos biliares Dilatateurs pour voies biliaires	637
Dilatationsbougies Dilating Bougies Bujías dilatadores Bougies dilatatrices	638-640



42



ابزار جراحی زنان و زایمان

Gynäkologie, Geburtshilfe

Gynecology, Obstetrics

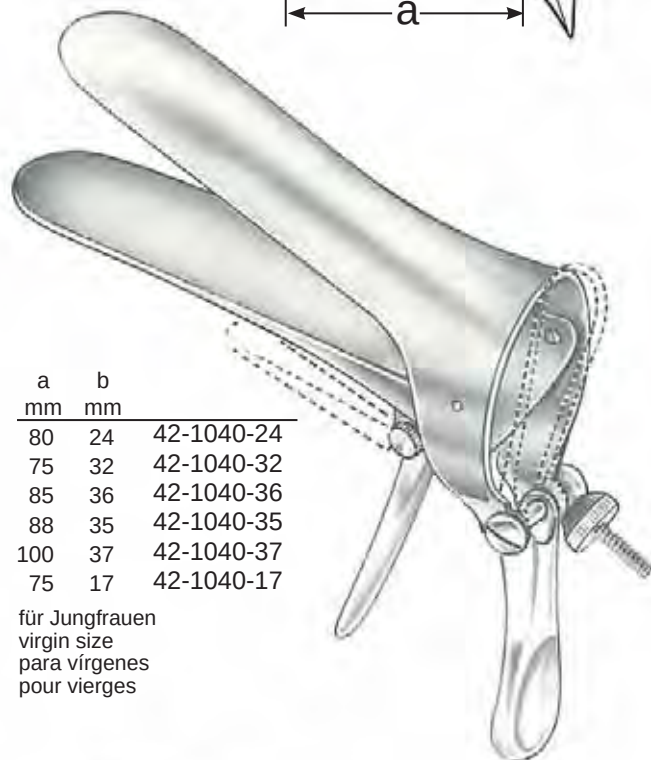
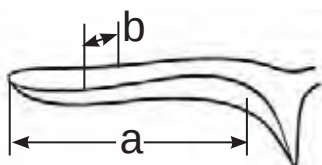
Ginecología, obstetricia

Gynécologie, obstétrique



جراحی زنان
Gynäkologie
Gynecology
Ginecología
Gynécologie

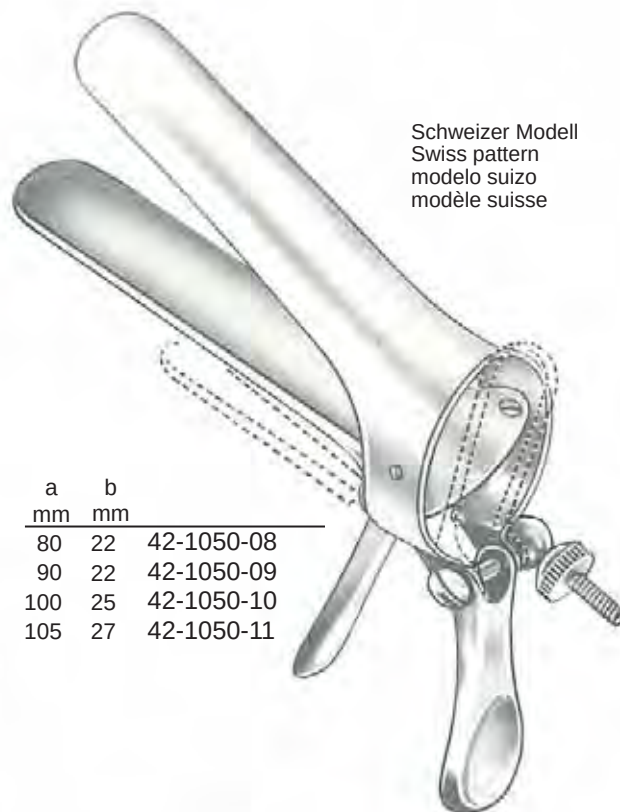
اسپیکلوم واژینال
Scheidenspekula
Vaginal Specula
Espéculos vaginales
Spéculums vaginaux



a mm	b mm	
80	24	42-1040-24
75	32	42-1040-32
85	36	42-1040-36
88	35	42-1040-35
100	37	42-1040-37
75	17	42-1040-17

für Jungfrauen
virgin size
para vírgenes
pour vierges

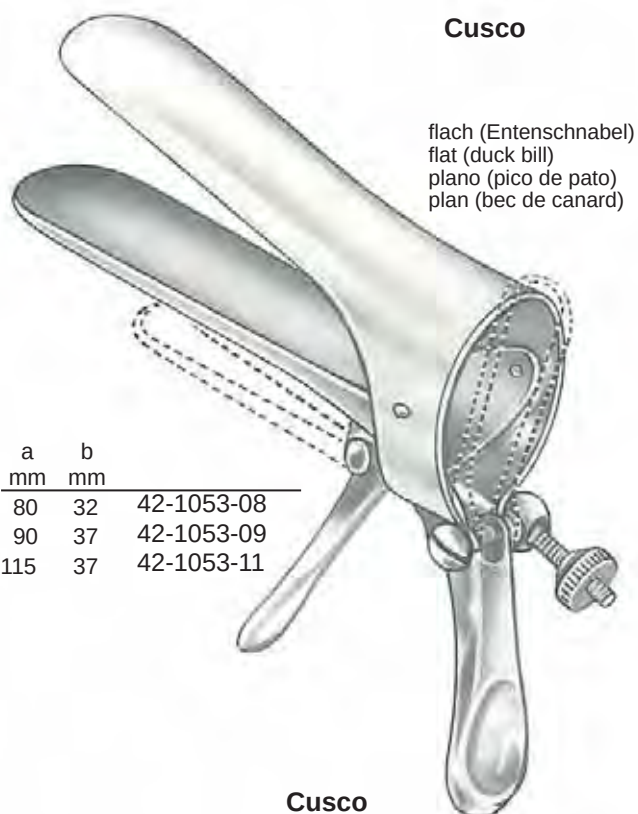
Cusco



Schweizer Modell
Swiss pattern
modelo suizo
modèle suisse

a mm	b mm	
80	22	42-1050-08
90	22	42-1050-09
100	25	42-1050-10
105	27	42-1050-11

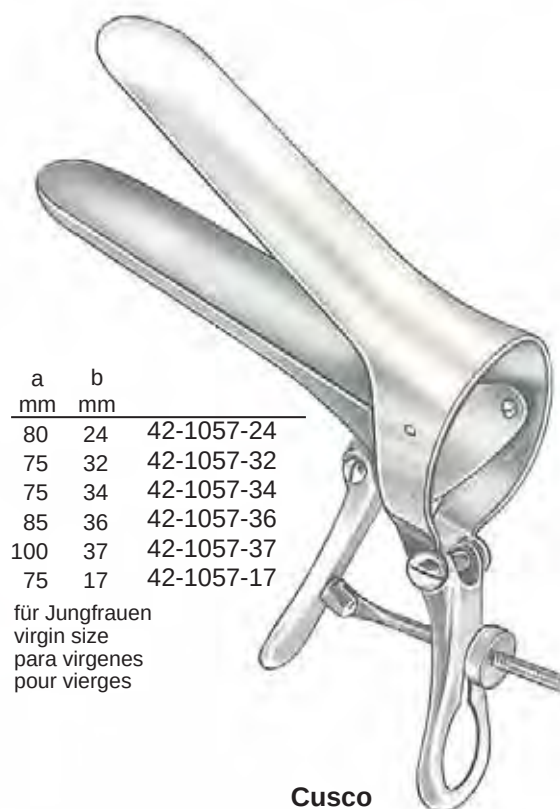
Cusco



flach (Entenschnabel)
flat (duck bill)
plano (pico de pato)
plan (bec de canard)

a mm	b mm	
80	32	42-1053-08
90	37	42-1053-09
115	37	42-1053-11

Cusco

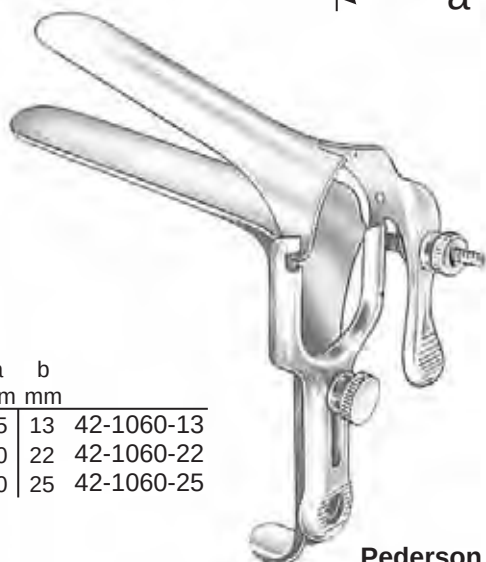
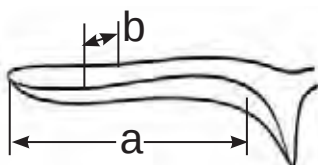


a mm	b mm	
80	24	42-1057-24
75	32	42-1057-32
75	34	42-1057-34
85	36	42-1057-36
100	37	42-1057-37
75	17	42-1057-17

für Jungfrauen
virgin size
para vírgenes
pour vierges

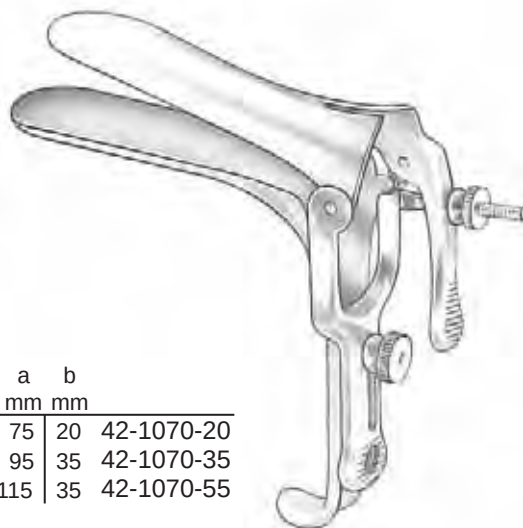
Cusco

Scheidenspekula
Vaginal Specula
Espécules vaginales
Spéculums vaginaux



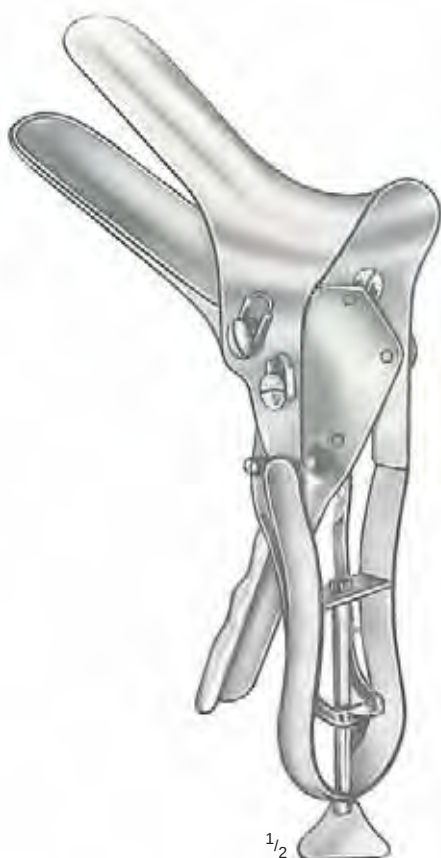
a	b	
mm	mm	
75	13	42-1060-13
100	22	42-1060-22
120	25	42-1060-25

Pederson



a	b	
mm	mm	
75	20	42-1070-20
95	35	42-1070-35
115	35	42-1070-55

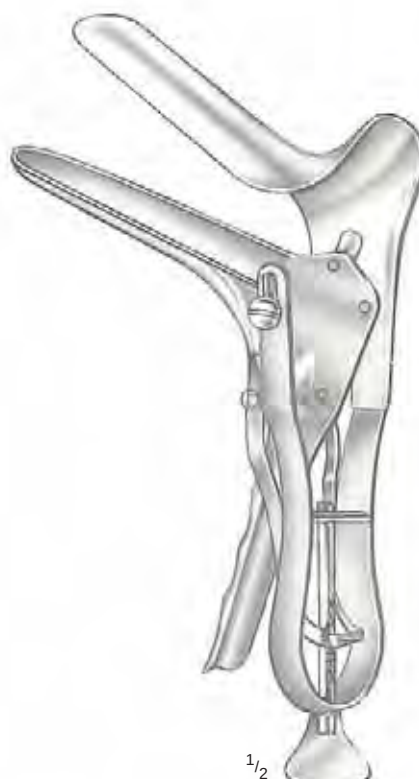
Graves



$\frac{1}{2}$

Seyffert

42-1090-17 100 x 17 mm
42-1090-33 110 x 33 mm



$\frac{1}{2}$

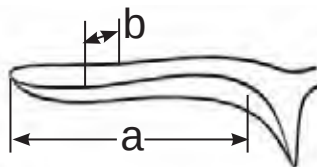
Seyffert

42-1091-33 110 x 33 mm



جراحی زنان
Gynäkologie
Gynecology
Ginecología
Gynécologie

اسپکولوم واژینال
Scheidenspekula
Vaginal Specula
Espécules vaginales
Spéculum vaginaux

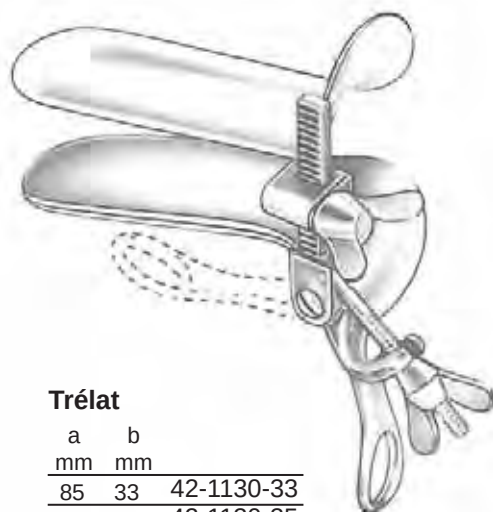


Collin German Sizes

a	b	
mm	mm	
85	30	42-1109-30
100	35	42-1109-35
110	40	42-1109-40

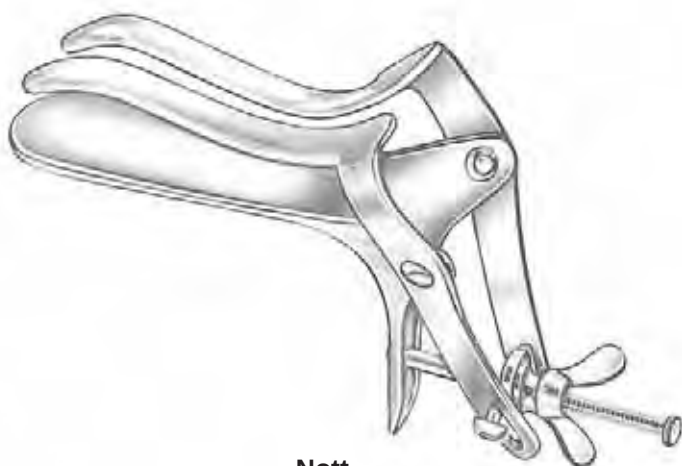
French Sizes

a	b	
mm	mm	
16	90	42-1110-16
26	90	42-1110-26
30	90	42-1110-30
32	105	42-1110-32
35	105	42-1110-35
38	105	42-1110-38



Trélat

a	b	
mm	mm	
85	33	42-1130-33
95	35	42-1130-35
115	43	42-1130-43



Nott

a	b	
mm	mm	
90	27	42-1140-27 C
100	30	42-1140-30 C

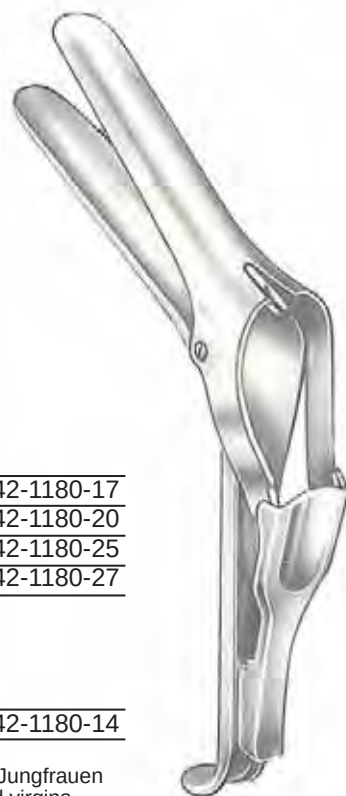
verchromt
chrome plated
cromados
chromés

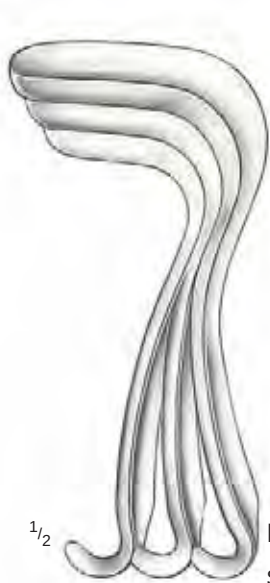
Semm

a	b	
mm	mm	
100	17/20	42-1180-17
100	20/25	42-1180-20
100	25/30	42-1180-25
105	27/35	42-1180-27

a	b	
mm	mm	
90	14/18	42-1180-14

für Kinder und Jungfrauen
for children and virgins
para niñas y vírgenes
pour enfants et vierges





$\frac{1}{2}$

Kristeller

Spekula
Specula
Espéculos
Spéculums

	a	b
Fig. 1	42-1400-27	70 x 27 mm
Fig. 2	42-1400-30	80 x 30 mm
Fig. 3	42-1400-36	90 x 36 mm

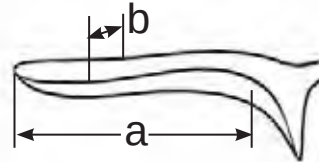


$\frac{1}{2}$

Kristeller

Halter
Retractors
Valvas
Valves

	a	b
Fig. 1	42-1401-23	75 x 23 mm
Fig. 2	42-1401-26	85 x 26 mm
Fig. 3	42-1401-32	100 x 32 mm



$\frac{1}{2}$

Kristeller

Satz aus je 1 Spekulum und Halter
Set of 1 Speculum and 1 Retractor ea
Juego de 1 espéculo y 1 valva c/u.
Jeu de 1 spéculum et 1 valve ch.

Fig. 1	42-1402-27	70 x 27 mm
Fig. 2	42-1402-30	80 x 30 mm
Fig. 3	42-1402-36	90 x 36 mm



$\frac{1}{2}$

Kristeller

Spekula
Specula
Espéculos
Spéculums

	a	b
Fig. 000	42-1404-18	105 x 18 mm
Fig. 00	42-1404-21	105 x 21 mm
Fig. 0	42-1405-16	110 x 16 mm
Fig. 1	42-1405-18	110 x 18 mm
Fig. 2	42-1405-21	110 x 21 mm
Fig. 3	42-1405-27	110 x 27 mm
Fig. 4	42-1405-30	110 x 30 mm
Fig. 5	42-1405-36	110 x 36 mm

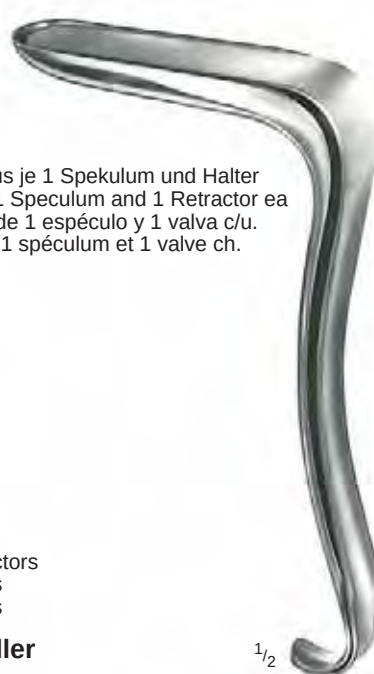


$\frac{1}{2}$

Kristeller

Halter
Retractors
Valvas
Valves

	a	b
Fig. 000	42-1416-14	110 x 14 mm
Fig. 00	42-1416-17	110 x 17 mm
Fig. 0	42-1406-12	115 x 12 mm
Fig. 1	42-1406-14	115 x 14 mm
Fig. 2	42-1406-17	115 x 17 mm
Fig. 3	42-1406-23	115 x 23 mm
Fig. 4	42-1406-26	115 x 26 mm
Fig. 5	42-1406-32	115 x 32 mm



$\frac{1}{2}$

Kristeller

Satz aus je 1 Spekulum und Halter
Set of 1 Speculum and 1 Retractor ea
Juego de 1 espéculo y 1 valva c/u.
Jeu de 1 spéculum et 1 valve ch.

Fig. 000	42-1417-18	105 x 18 mm
Fig. 00	42-1417-21	105 x 21 mm
Fig. 0	42-1407-16	110 x 16 mm
Fig. 1	42-1407-18	110 x 18 mm
Fig. 2	42-1407-21	110 x 21 mm
Fig. 3	42-1407-27	110 x 27 mm
Fig. 4	42-1407-30	110 x 30 mm
Fig. 5	42-1407-36	110 x 36 mm



والوزنان (بالا و پايين)

Gynäkologie - Spekula - Halter

Gynecology - Specula - Retractors

Ginecología - Espéculos - Valvas

Gynécologie - Spéculums - Valves



Kristeller

Spekula
Specula
Espéculos
Spéculums

a b

Fig. 1	42-1470-26	105 x 26 mm
Fig. 2	42-1470-28	105 x 28 mm
Fig. 3	42-1470-33	105 x 33 mm



Kristeller

Halter
Retractors
Valvas
Valves

a b

Fig. 1	42-1471-22	115 x 22 mm
Fig. 2	42-1471-24	115 x 24 mm
Fig. 3	42-1471-29	115 x 29 mm



Kristeller

Fig. 1	42-1472-26	105 x 26 mm
Fig. 2	42-1472-28	105 x 28 mm
Fig. 3	42-1472-33	105 x 33 mm

والوزنان (بالا و پايين)

Gynäkologie - Spekula - Halter
Gynecology - Specula - Retractors
Ginecología - Espéculos - Valvas
Gynécologie - Spéculums - Valves



42



Kristeller

Spekula
Specula
Espéculos
Spéculums

	a	b
Fig. 1 42-1474-27	110 x 27 mm	
Fig. 2 42-1474-30	110 x 30 mm	
Fig. 3 42-1474-36	110 x 36 mm	



Kristeller

Halter
Retractors
Valvas
Valves

	a	b
Fig. 1 42-1475-23	115 x 23 mm	
Fig. 2 42-1475-26	115 x 26 mm	
Fig. 3 42-1475-32	115 x 32 mm	



Kristeller

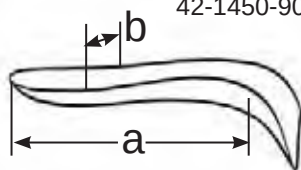
Fig. 1 42-1476-27	110 x 27 mm
Fig. 2 42-1476-30	110 x 30 mm
Fig. 3 42-1476-36	110 x 36 mm

Spekulum
Speculum
Espéculo
Spéculum

a	b
mm	mm
70	40
90	40

 $\frac{1}{3}$

Kallmorgen
42-1450-70
42-1450-90



Halter
Retractor
Valva
Valve

a	b
mm	mm
70	33
90	33

 $\frac{1}{3}$

Kallmorgen
42-1451-70
42-1451-90

Satz
Set
Juego
Jeu

 $\frac{1}{3}$

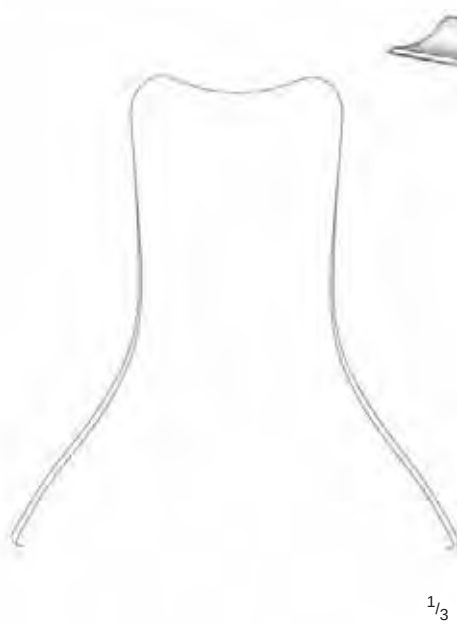
Kallmorgen
42-1452-70
42-1452-90

**Sims**

Fig.	a	b	
	mm	mm	
1	65+75	25+30	42-1490-01
2	70+70	30+35	42-1490-02
3	85+90	35+40	42-1490-03
		set	42-1490-00

mit abnehmbarem Gewicht von 1,05 kg
with detachable weight of 2,3 lbs
con peso desmontable de 1,05 kg
avec poids amovible de 1,05 kg

mit festem Gewicht
with fixed weight
con peso fijo
avec poids fixe

 $\frac{1}{3}$

Auvard
a b
mm mm
80 43
42-1580-11

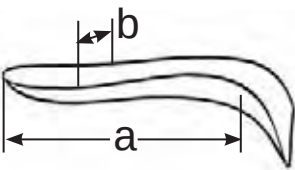
 $\frac{1}{3}$

Auvard
a b
mm mm kg lbs
83 38 1,14 2,5
42-1582-11

 $\frac{1}{3}$

Weissbarth
21 cm/ 8 $\frac{1}{4}$ "
a b
mm mm
80 42
42-1590-21

Scheidenspekula
Vaginal Specula
Espécules vaginales
Spéculums vaginaux



Breisky
29 cm/ 11½"

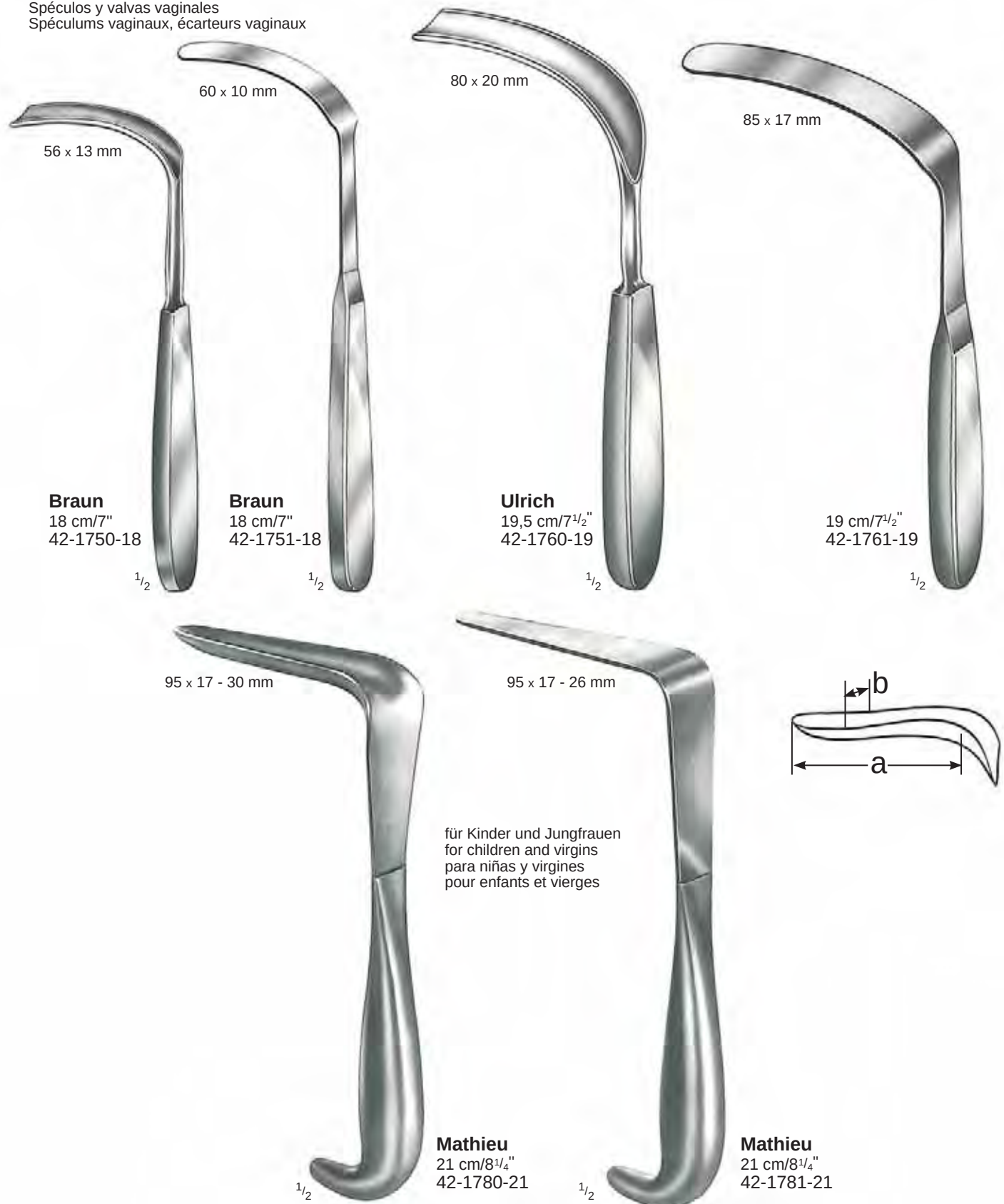
Breisky
32 cm/ 12½"

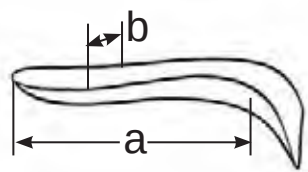
Breisky
35 cm/ 13¾"

Breisky
37 cm/ 14¼"

	a	b		a	b		a	b		a	b
42-1710-20	100	x 20 mm	42-1713-20	130	x 20 mm	42-1716-20	160	x 20 mm	42-1718-20	180	x 20 mm
42-1710-25	100	x 25 mm	42-1713-25	130	x 25 mm	42-1716-25	160	x 25 mm	42-1718-25	180	x 25 mm
42-1710-30	100	x 30 mm	42-1713-30	130	x 30 mm	42-1716-30	160	x 30 mm	42-1718-30	180	x 30 mm
42-1710-35	100	x 35 mm	42-1713-35	130	x 35 mm	42-1716-35	160	x 35 mm	42-1718-35	180	x 35 mm
42-1710-40	100	x 40 mm	42-1713-40	130	x 40 mm	42-1716-40	160	x 40 mm	42-1718-40	180	x 40 mm

Scheidenspekula und -halter
Vaginal Specula and Retractors
Espécules y valvas vaginales
Spéculums vaginaux, écarteurs vaginaux





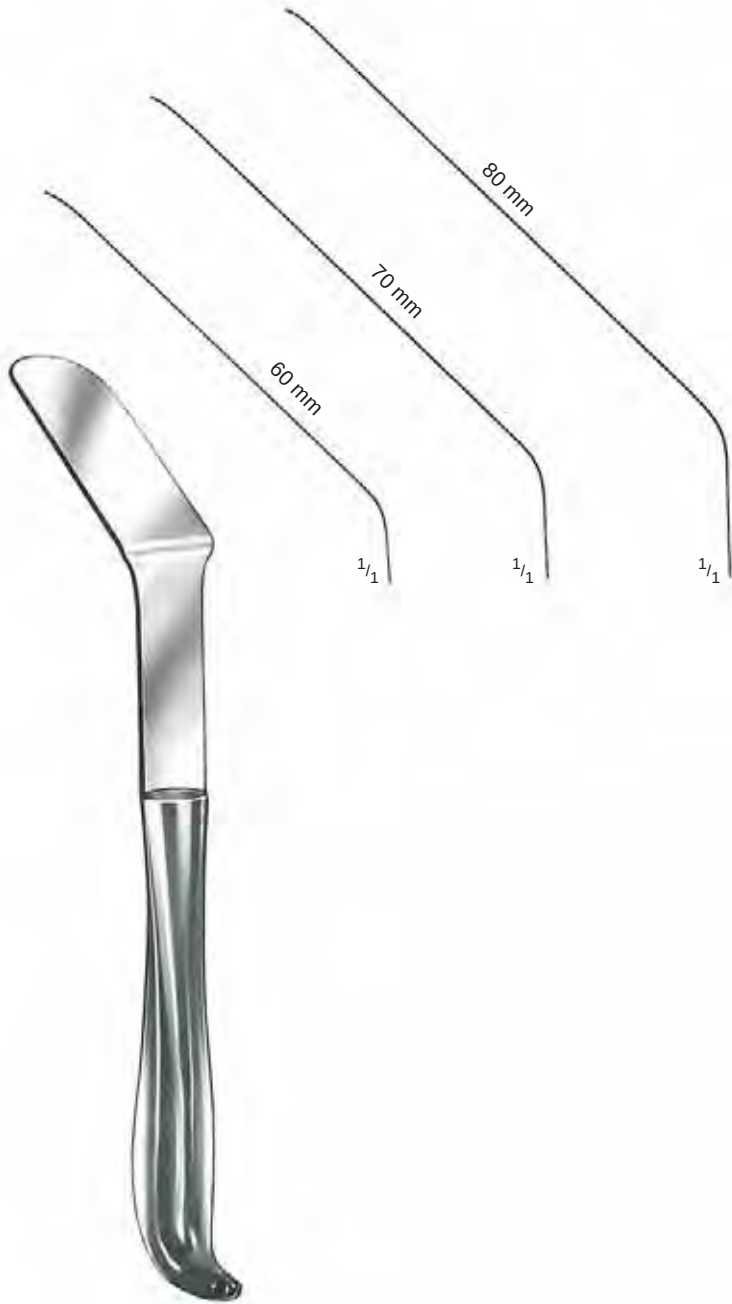
Scheidenspekula
Vaginal Specula
Espécules vaginales
Spéculum vaginaux



1/2

Landau
30 cm/12"

	a	b
42-1783-28	100 x 28 mm	
42-1783-38	100 x 38 mm	



Doyen

	cm	in.	a	b
42-1793-63	23	9	60 x 30 mm	
42-1793-73	24	9 1/2	70 x 30 mm	
42-1793-83	25	10	80 x 30 mm	

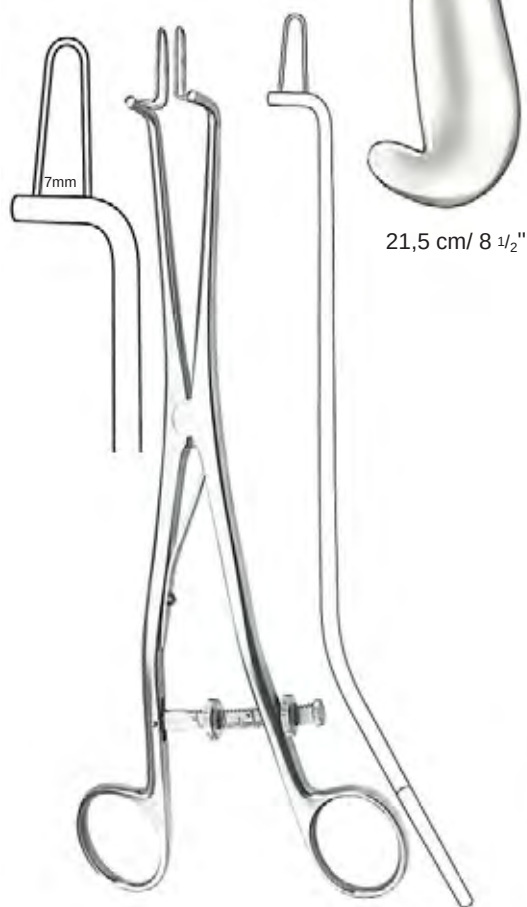
Scheidenspekula, Scheidenhalter, Endospekula
Vaginal Specula, Vaginal Retractors, Endospecula
Espécules y Valvas vaginales, Endoespécules
Spéculums vaginaux, Valves vaginales, Endospéculums

Spekulum
Speculum
Espécula
Spéculum

**Kristeller
Wiener Modell/Vienna Pattern**

	a	b
42-1795-00	Fig. 0	=110 x 20 mm
42-1795-01	Fig. 1	=110 x 27 mm
42-1795-02	Fig. 2	=110 x 30 mm
42-1795-03	Fig. 3	=110 x 36 mm

mit Skalensperre und Stellschraube
with scale-ratchet and fixation screws
con cremallera graduada y tornillo fijación
avec crémaillère à échelle et vis à fixation

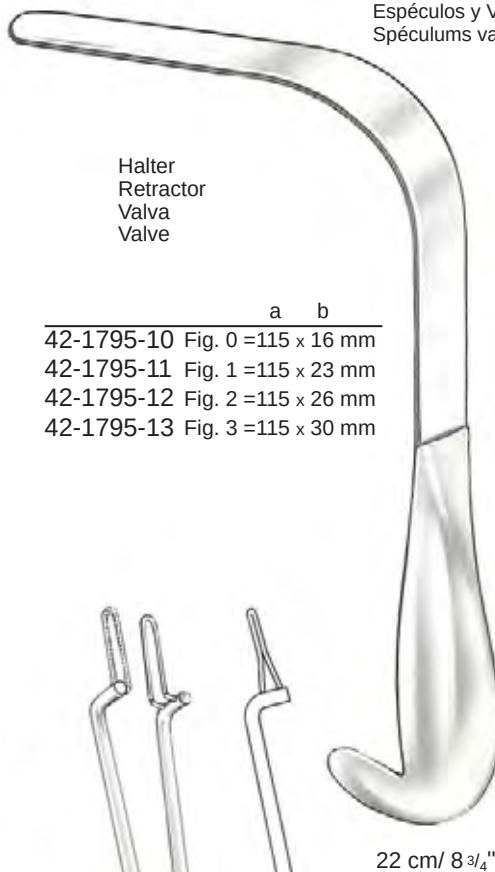


Kogan
24 cm/9 1/2"
42-2202-24

without ratchet
24,5cm/9 3/4"
42-2212-24

Halter
Retractor
Valva
Valve

	a	b
42-1795-10	Fig. 0	=115 x 16 mm
42-1795-11	Fig. 1	=115 x 23 mm
42-1795-12	Fig. 2	=115 x 26 mm
42-1795-13	Fig. 3	=115 x 30 mm

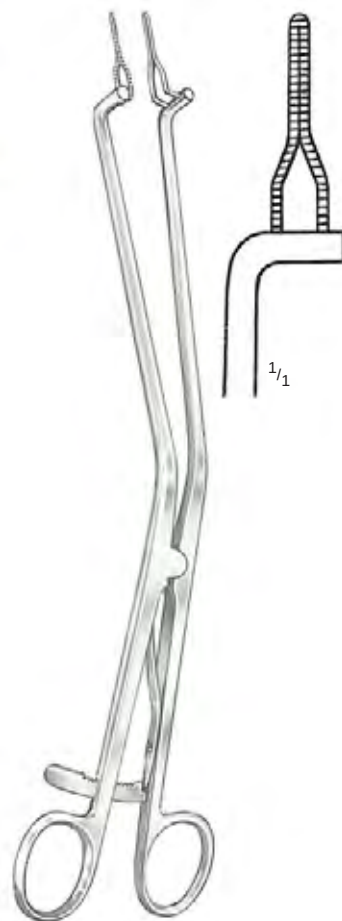


Kogan modif.
28 cm/11"
42-2206-28

Endospekula für Harnröhre und Cervix
Endospecula for Cervix und Urethra
Endoespécules para cervix y uretra
Endospéculums pour l'urètre et le col de l'utérus

Satz
Set
Juego
Jeu

Fig. 0 42-1795-20
Fig. 1 42-1795-21
Fig. 2 42-1795-22
Fig. 3 42-1795-23



Kogan "Thin Line"
28 cm/11"
42-2208-28

هیسترومتر

Uterussonden
Uterine Sounds
Histerometros
Hystéromètres

Zentimetereinteilung
graduated in centimeters
graduado en centímetros
gradué en centimètres

fest
rigid
rígido
rigide

rostfrei
stainless
inoxidable
inoxydable

42-2433-01

$\frac{1}{3}$

biegsam
malleable
maleable
malléable

42-2433-14

glatt
plain
liso
lisse

fest
rigid
rígido
rigide

rostfrei
stainless
inoxidable
inoxydable

42-2433-03

$\frac{1}{3}$

biegsam
malleable
maleable
malléable

42-2433-34

$\frac{1}{3}$

Uterus-Depressoren
Uterine Depressors
Depresores uterinos
Dépresseurs utérins

$\frac{1}{3}$

Sims

33 cm/13"

Sims

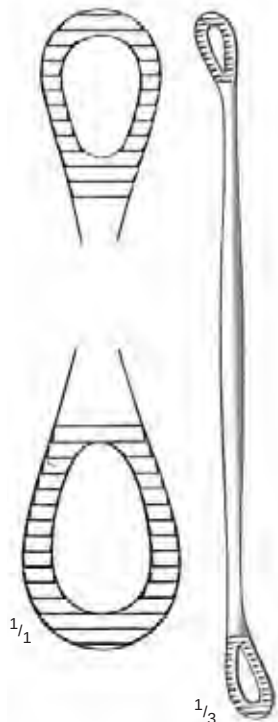
33 cm/13"

Valleix

30 cm/12"
42-2483-30

Braun

27 cm/10 $\frac{1}{2}$ "
42-2511-27

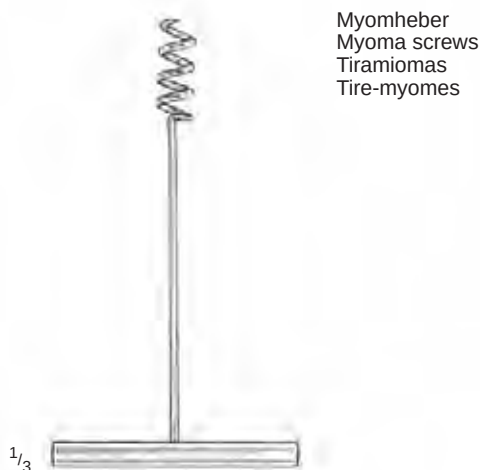


$\frac{1}{1}$

$\frac{1}{3}$

Sims

26 cm/10 $\frac{1}{4}$ "
42-2513-26



$\frac{1}{3}$

Doyen

17 cm/6 $\frac{3}{4}$ "
42-2550-17

Myomheber
Myoma screws
Tiramiomas
Tire-myomes



$\frac{1}{3}$

Doyen

15 cm/6"
42-2552-15

Probeexzisionszangen, Uterus-Biopsiezangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincas emporte-pièces à biopsie



Thoms-Gaylor

42-3010-22

22 cm/8 1/2"

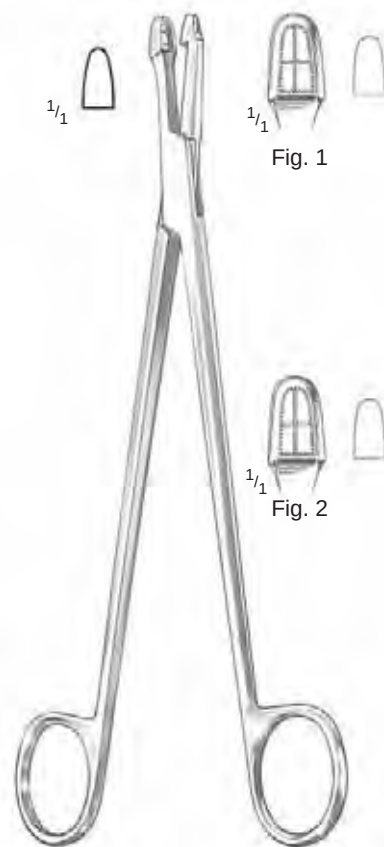
42-3010-24

24 cm/9 1/2"

Thoms-Gaylor

42-3013-22

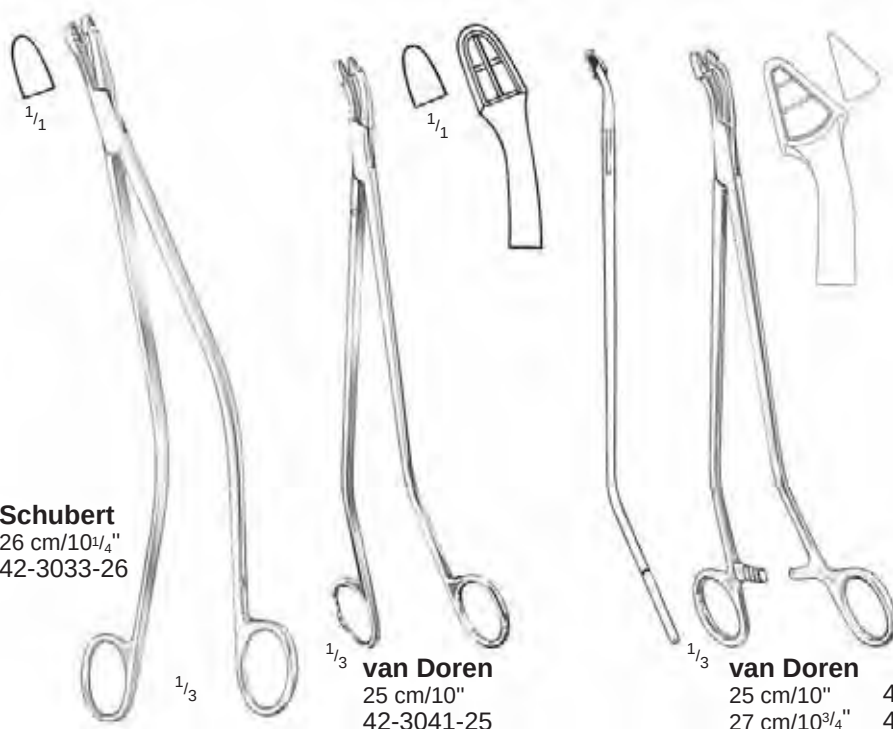
42-3013-24



Schubert

42-3030-21 = 21 cm/8 1/4"

42-3030-29 = 29 cm/11 1/2"



Schubert

26 cm/10 1/4"

42-3033-26

van Doren

25 cm/10"

42-3041-25

van Doren

25 cm/10"

27 cm/10 3/4"

42-3043-25

42-3043-27

Schumacher

24 cm/9 1/2"

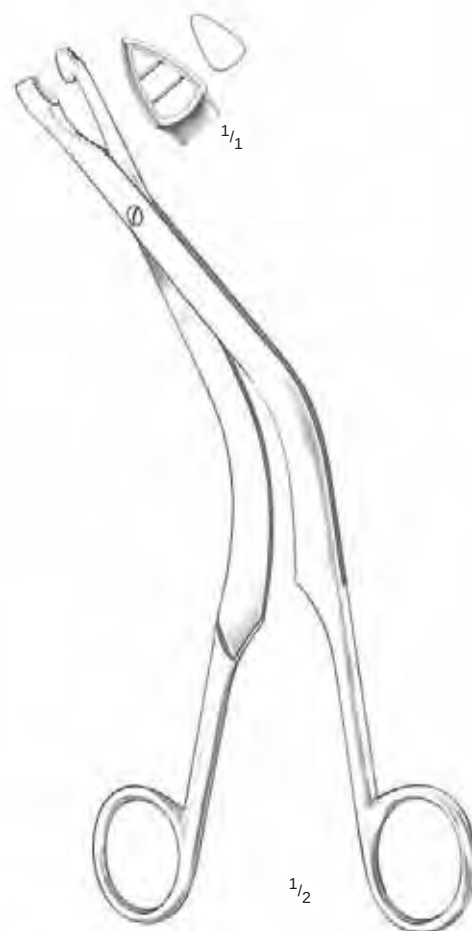
پانچ بیوپسی رحمی
Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincas emporte-pièces à biopsie



Tischler
27 cm/10 1/2"
42-3071-27



Gellhorn
23 cm/9"
42-3075-23

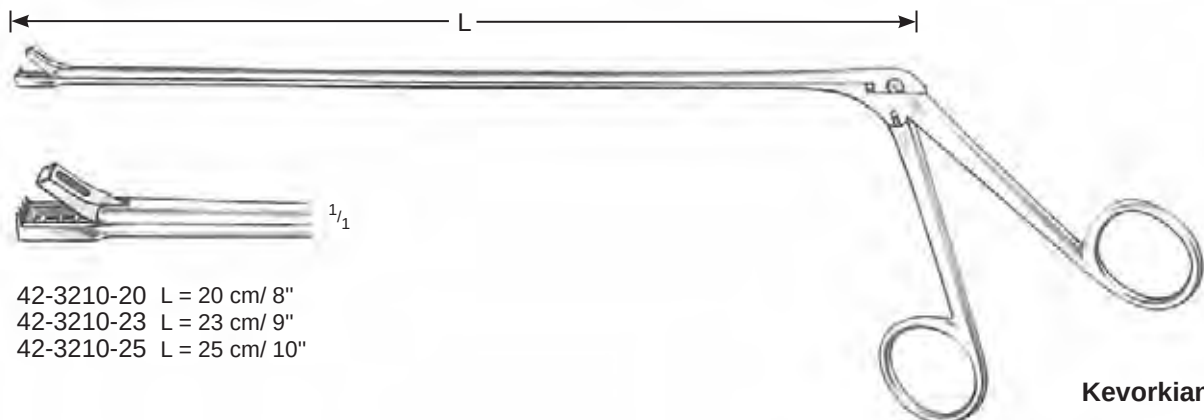


Faure
23 cm/9"
42-3089-23

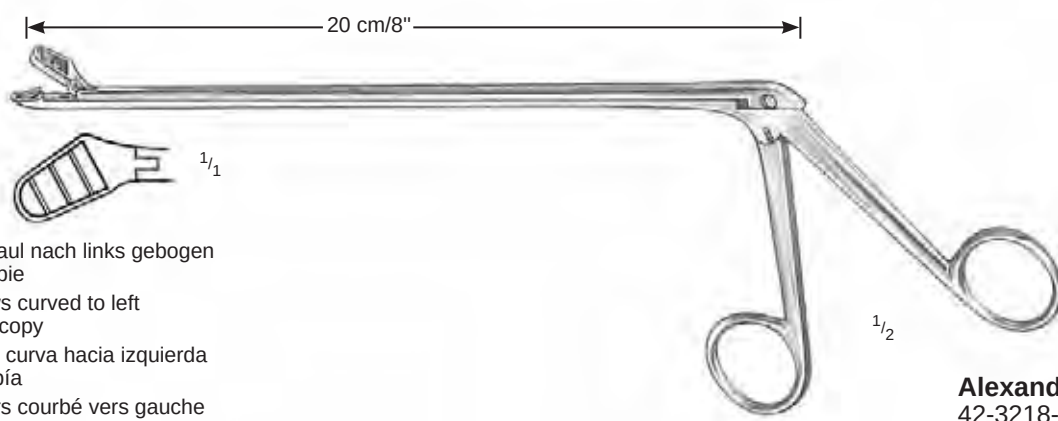
جراحی زنان
Gynäkologie
Gynecology
Ginecología
Gynécologie

پانچ بیوپسی رحمی
Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincers emporte-pièces à biopsie

پانچ بیوپسی رحمی
Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincers emporte-pièces à biopsie



42-3210-20 L = 20 cm/ 8"
42-3210-23 L = 23 cm/ 9"
42-3210-25 L = 25 cm/ 10"

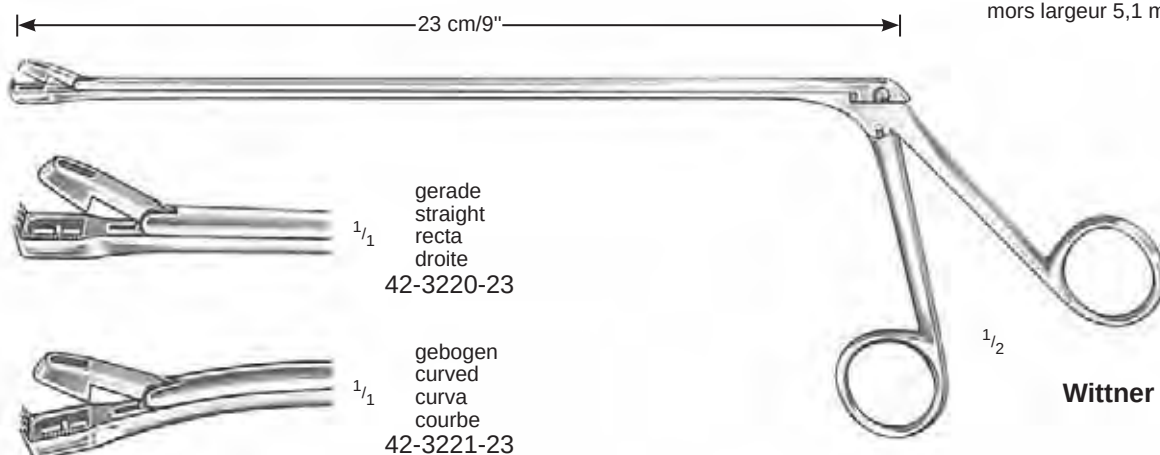


retrograder Schnitt, Maul nach links gebogen
geeignet für Kolposkopie
retrograde cutting, jaws curved to left
suitable also in colposcopy
corte retrograde, boca curva hacia izquierda
utilizable en colposcopia
coupe retrograde, mors courbé vers gauche
approprié pour colposcopie

1/2

Alexander
42-3218-20

Maul 5,1 mm breit
jaw 5,1 mm wide
boca 5,1 mm de ancho
mors largeur 5,1 mm



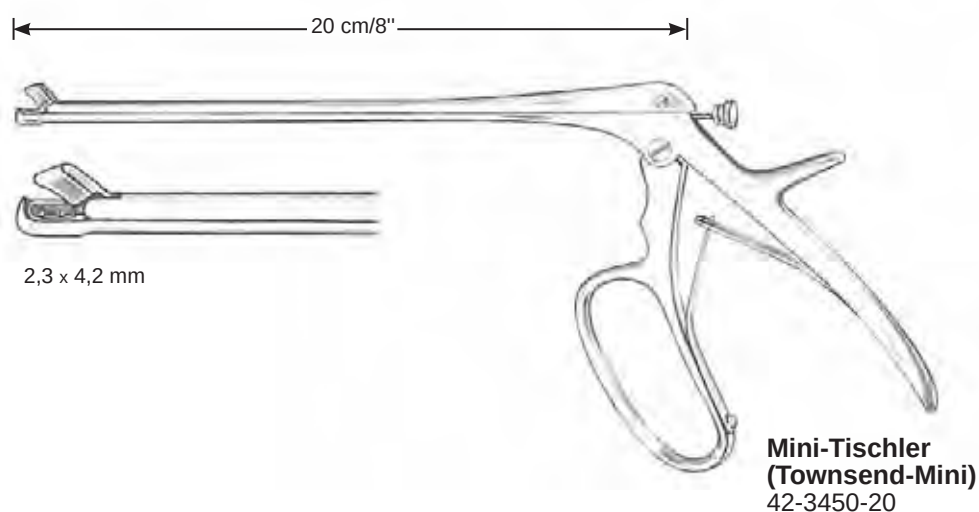
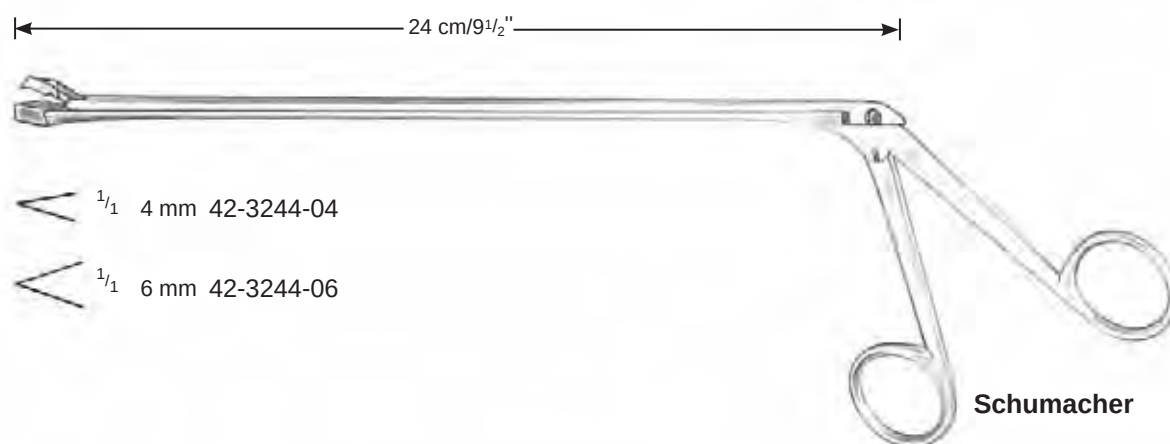
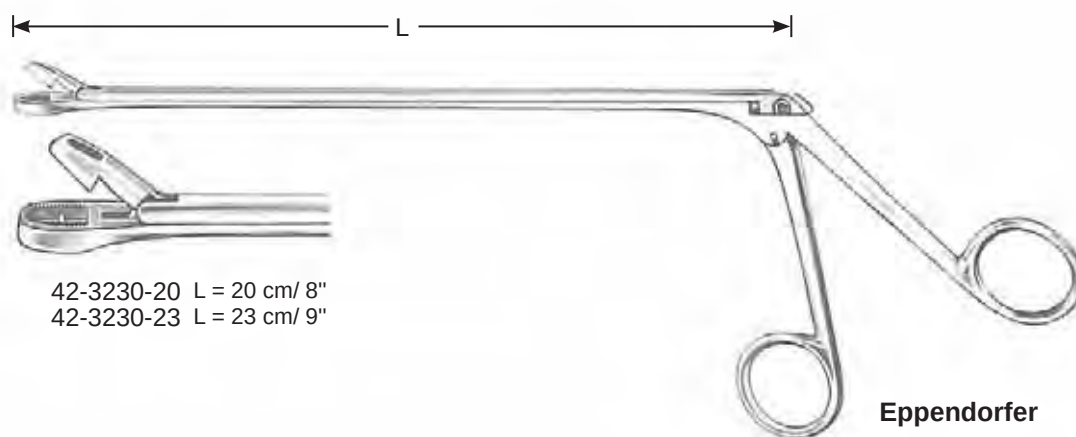
gerade
straight
recta
droite
42-3220-23

gebogen
curved
curva
courbe
42-3221-23

1/2

Wittner

پانچ بیوپسی رحمی
Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincas emporte-pièces à biopsie



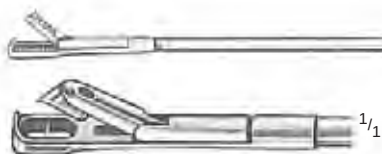
جراحی زنان
Gynäkologie
Gynecology
Ginecología
Gynécologie

پانچ بیوپسی رحمی
Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincas emporte-pièces à biopsie

پانچ بیوپسی رحمی

Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincas emporte-pièces à biopsie

25 cm/10"



Tischler-Morgan

Ansatz allein
Stem only
Punta suelta
Embout seul
42-3725-01

Griff allein
Handle only
Mango suelto
Manche seul
42-3725-50

Tischler-Morgan

Zange kpl. mit Griff
Forceps cpl. with handle
Pinza cpl. con mango
Pince cpl. avec manche
42-3725-51

drehbar 360°
turnable 360°
giratorio 360°
Pivotant 360°

1/2

25 cm/10"



Eppendorfer

Ansatz allein
Stem only
Punta suelta
Embout seul
42-3725-03

Griff allein
Handle only
Mango suelto
Manche seul
42-3725-50

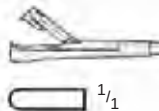
Eppendorfer

Zange kpl. mit Griff
Forceps cpl. with handle
Pinza cpl. con mango
Pince cpl. avec manche
42-3725-53

drehbar 360°
turnable 360°
giratorio 360°
Pivotant 360°

1/2

25 cm/10"



Kevorkian

Ansatz allein
Stem only
Punta suelta
Embout seul
42-3725-04

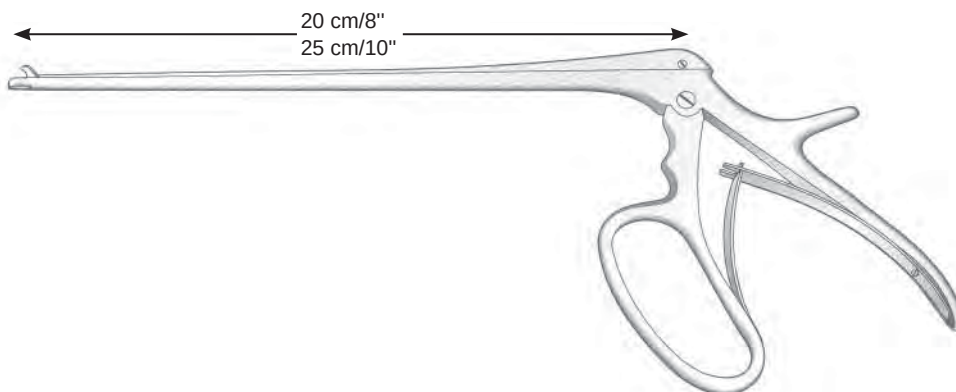
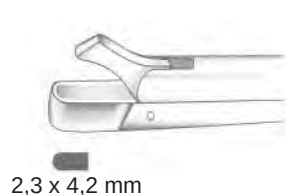
Griff allein
Handle only
Mango suelto
Manche seul
42-3725-50

Kevorkian

Zange kpl. mit Griff
Forceps cpl. with handle
Pinza cpl. con mango
Pince cpl. avec manche
42-3725-54

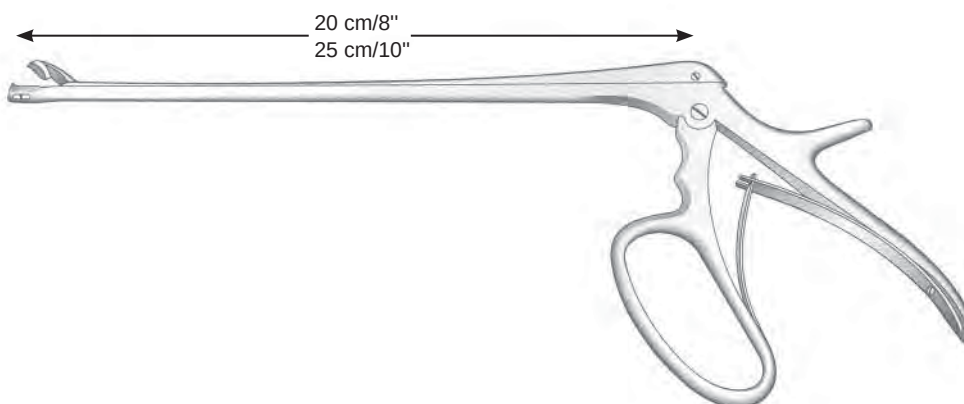
drehbar 360°
turnable 360°
giratorio 360°
Pivotant 360°

1/2



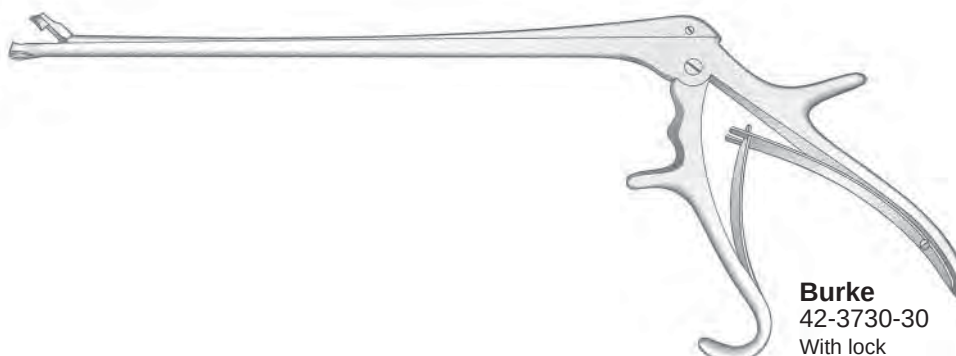
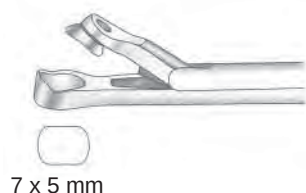
Tishler-Baby

42-3727-20 L = 20 cm/ 8"
42-3727-25 L = 25 cm/ 10"



Tishler-Morgan

42-3729-20 L = 20 cm/ 8"
42-3729-25 L = 25 cm/ 10"
With lock



Burke

42-3730-30
With lock



جراحی زنان
Gynäkologie
Gynecology
Ginecología
Gynécologie

پانچ بیوپسی رحمی
Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pincas emporte-pièces à biopsie



Seiffert
42-3732-34



Schumacher
42-3734-35



Tischler
42-3736-37



Kevorkian
42-3738-39



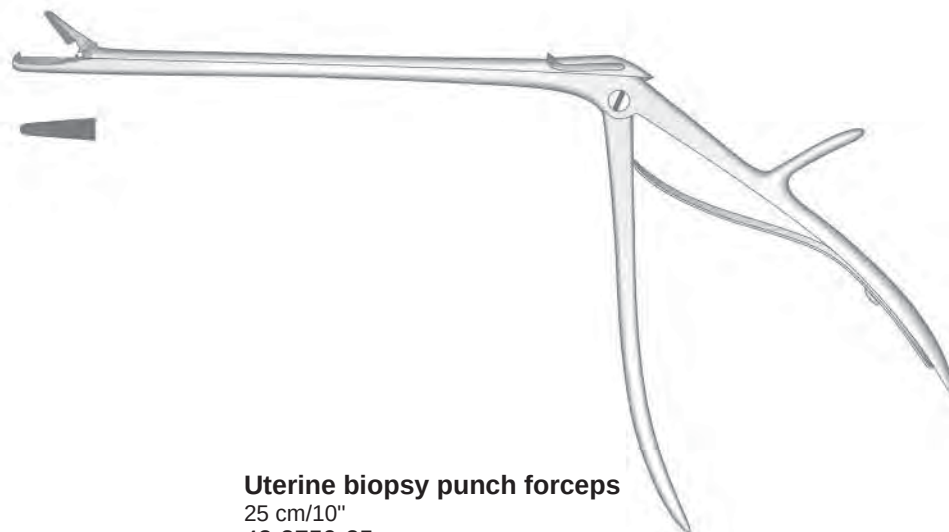
Krause
42-3740-42 42-3741-42



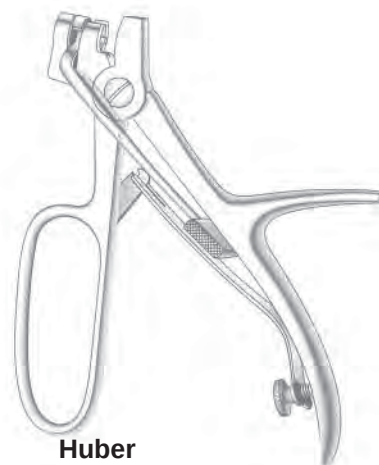
42-3743-45



42-3744-47



Uterine biopsy punch forceps
25 cm/10"
42-3750-25



Huber
Universal Handle
42-3747-50

کورت ساکشن بیوپسی
Saug-und Biopsieküretten
Suction Biopsy Curettes
Curetas aspiradoras para biopsia
Curettes à aspiration pour biopsie

Uterus-Biopsie-Saugküretten
Uterine Biopsy Aspirating Curettes
Curetas aspiradoras para la biopsia uterina
Curettes aspirantes à biopsie de l'utérus

Endometrium-Strichkürette
Endometrial Biopsy Curette
Cureta para biopsia endo-uterina
Curette à biopsie intra-utérine

Uterus-Sekretlöffel
Uterine Secretion Scoop
Cucharilla para secreciones uterinas
Curette à sécrétion utérine

biegsam
malleable
maleable
malléable



Randall
25 cm/10"
42-4025-04



Novak
25 cm/10"



Mod. Berlin
27 cm/10 3/4"
42-4067-35

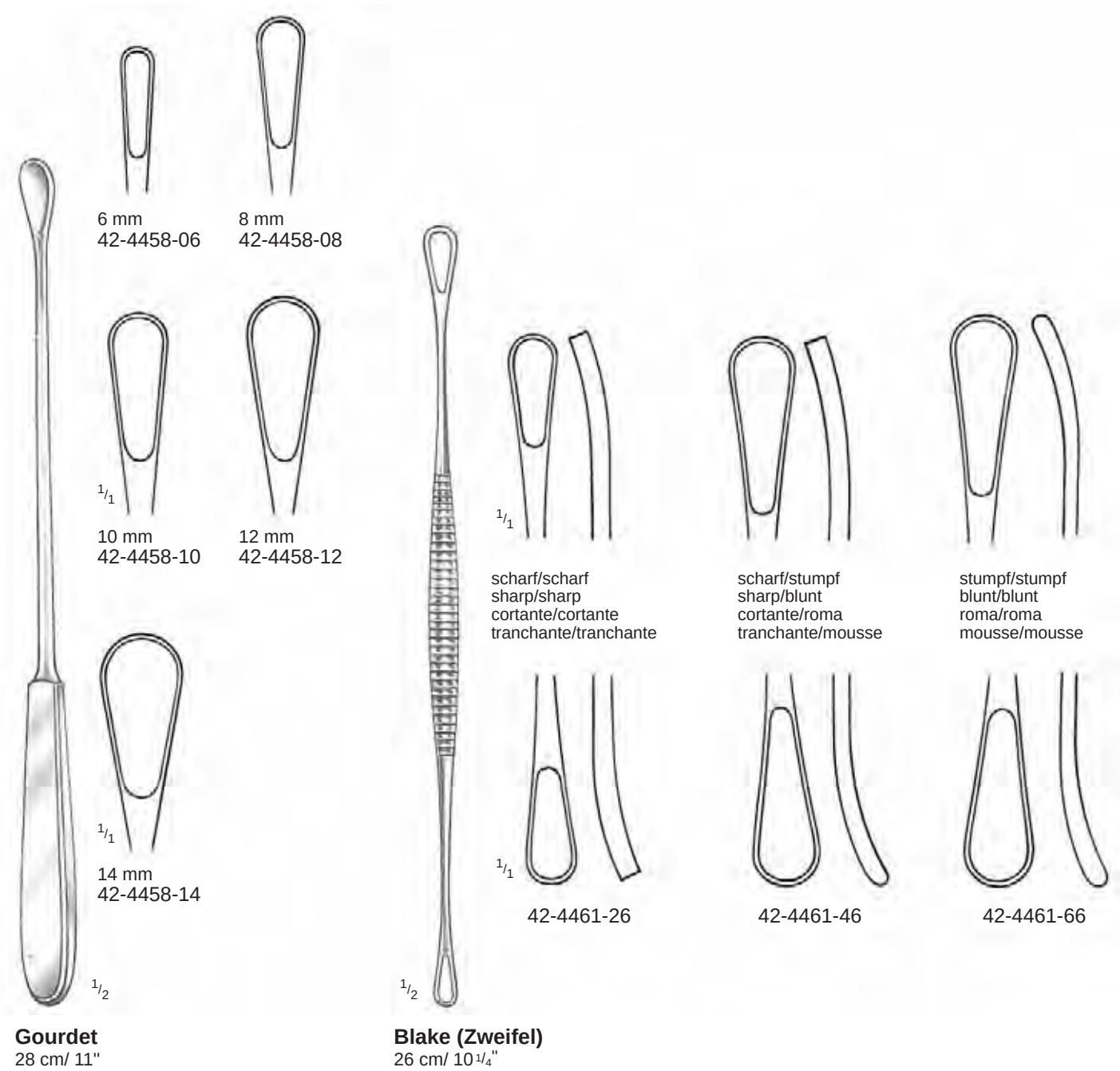


27,5 cm/10 3/4"
42-4092-27

Uterusküretten, Uteruslöffel
Uterine Curettes, Uterine Scoops
Cucharillas y Curetas uterinas
Curettes utérines

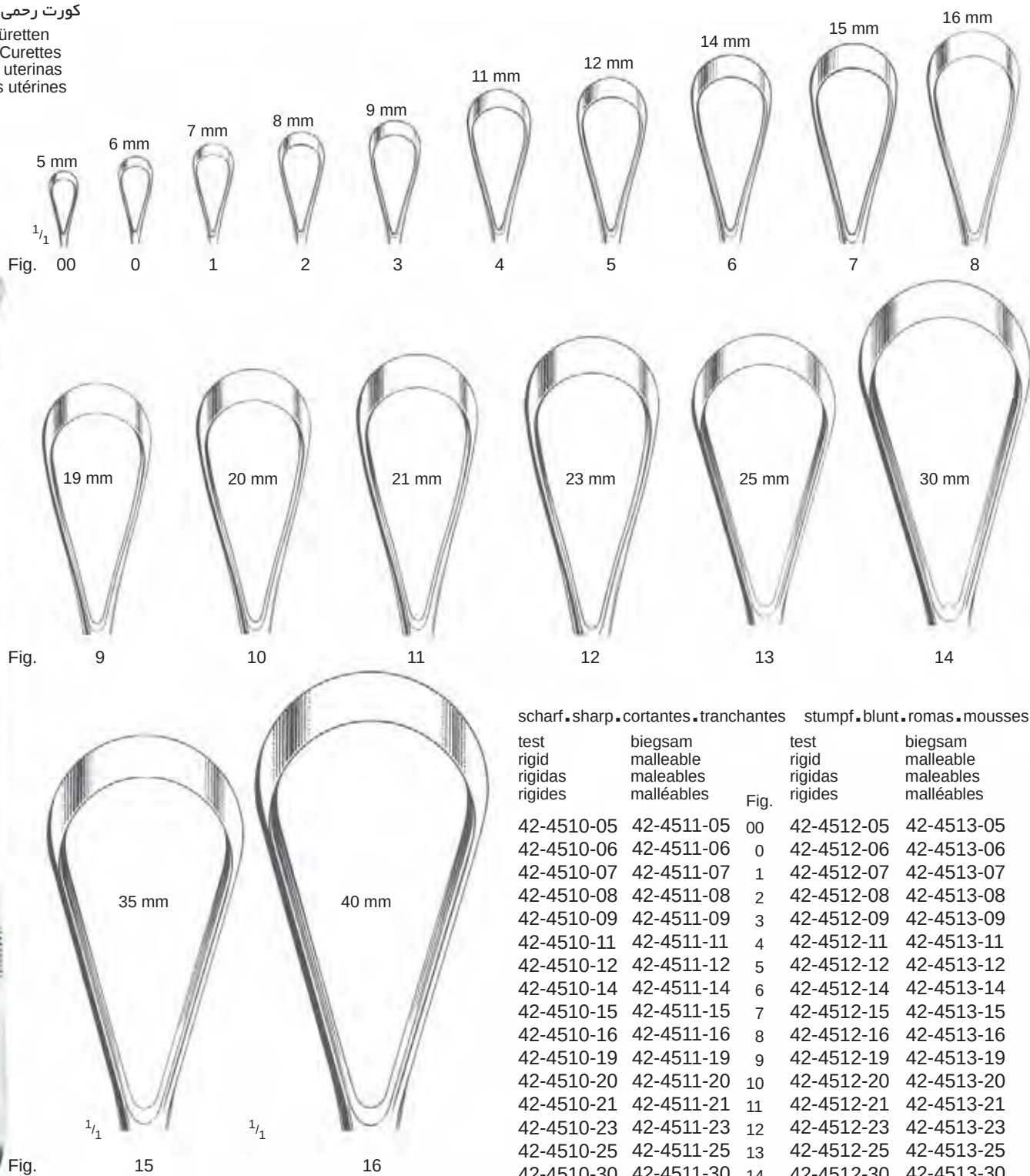


کورت رحمی
Uterusküretten
Uterine Curettes
Curetas uterinas
Curettes utérines



کورت رحمی (کورتاژ)

Uterusküretten
Uterine Curettes
Curetas uterinas
Curettes utérines



Recamier

max. 31 cm/ 12 1/2"

scharf. sharp. cortantes. tranchantes	stumpf. blunt. romas. mousses
test rigid rigidas rigides	test rigid rigidas rigides
biegsam malleable maleables malléables	biegsam malleable maleables malléables
Fig.	Fig.
42-4510-05	42-4511-05
42-4510-06	42-4511-06
42-4510-07	42-4511-07
42-4510-08	42-4511-08
42-4510-09	42-4511-09
42-4510-11	42-4511-11
42-4510-12	42-4511-12
42-4510-14	42-4511-14
42-4510-15	42-4511-15
42-4510-16	42-4511-16
42-4510-19	42-4511-19
42-4510-20	42-4511-20
42-4510-21	42-4511-21
42-4510-23	42-4511-23
42-4510-25	42-4511-25
42-4510-30	42-4511-30
42-4510-35	42-4511-35
42-4510-40	42-4511-40
42-4512-05	42-4513-05
42-4512-06	42-4513-06
42-4512-07	42-4513-07
42-4512-08	42-4513-08
42-4512-09	42-4513-09
42-4512-11	42-4513-11
42-4512-12	42-4513-12
42-4512-14	42-4513-14
42-4512-15	42-4513-15
42-4512-16	42-4513-16
42-4512-19	42-4513-19
42-4512-20	42-4513-20
42-4512-21	42-4513-21
42-4512-23	42-4513-23
42-4512-25	42-4513-25
42-4512-30	42-4513-30
42-4512-35	42-4513-35
42-4512-40	42-4513-40

کورت رحمی (کورتاژ)
Uterusküretten
Uterine Curettes
Curetas uterinas
Curettes utérines



$\frac{1}{2}$

Sims

26 cm, 10 $\frac{1}{4}$ "



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

scharf. sharp. cortantes. tranchantes

fest
rigid
rigidas
rigides

42-4560-51

42-4560-52

42-4560-53

42-4560-54

42-4560-55

42-4560-56

biegsam
malleable
maleables
malléables

42-4561-51

42-4561-52

42-4561-53

42-4561-54

42-4561-55

42-4561-56

Fig.

1

2

3

4

5

6

stumpf. blunt. romas. mousses

fest
rigid
rigidas
rigides

42-4562-51

42-4562-52

42-4562-53

42-4562-54

42-4562-55

42-4562-56

biegsam
malleable
maleables
malléables

42-4563-51

42-4563-52

42-4563-53

42-4563-54

42-4563-55

42-4563-56



Probe- und Absaugküretten
Specimen and Aspirating Currettes
Curetas de biopsia y de aspiración
Currettes à épreuves et d'aspiration

Absaugküretten
Aspirating Currettes
Curetas de aspiración
Currettes d'aspiration

Kupplungsstück
Hose Connection
Pieza de conexión
Pièce de raccordement

اکارتور شکمی (سولیوان)

Bauchdeckenhalter

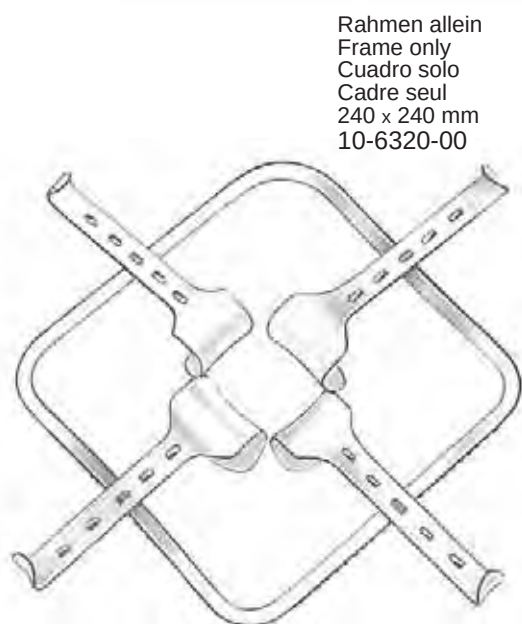
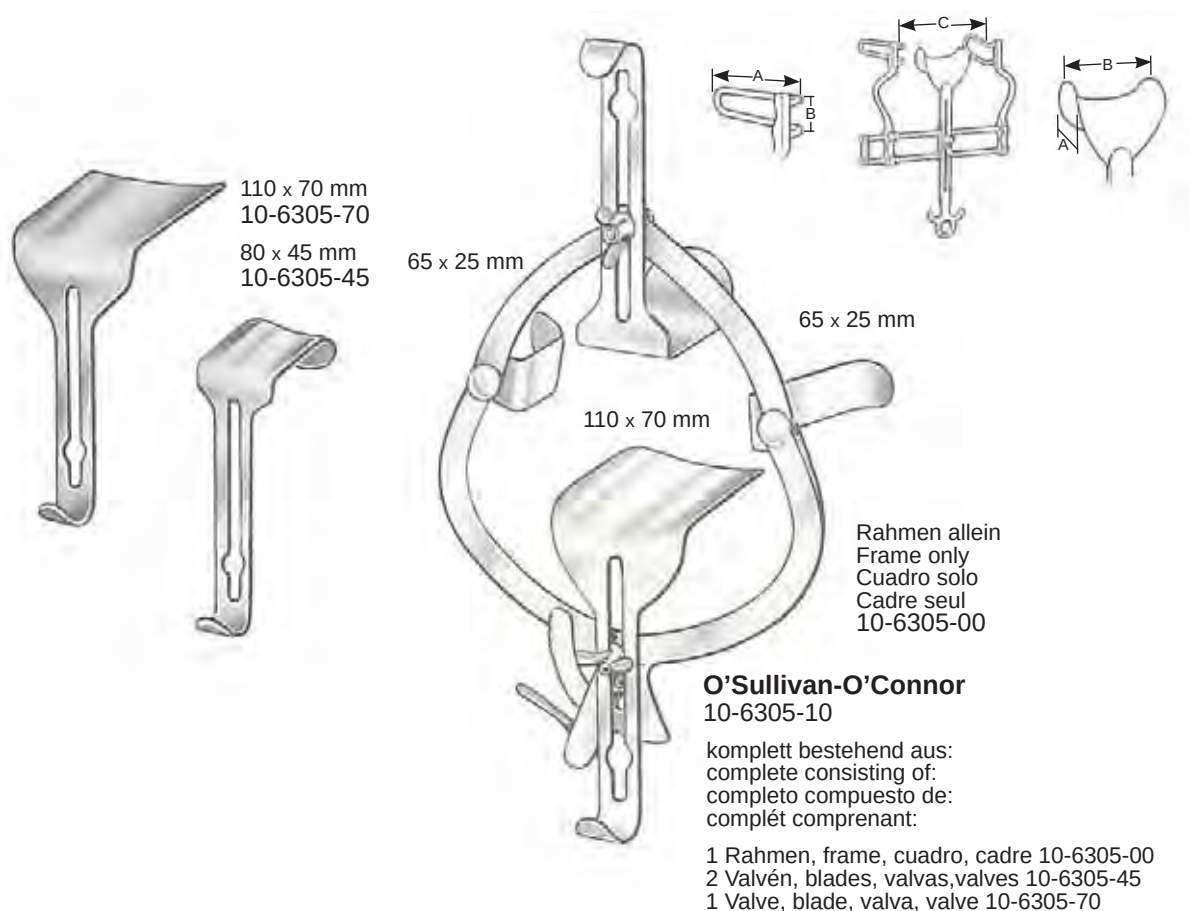
Abdominal Retractors

Separadores abdominales

Ecarteurs à paroi abdominale



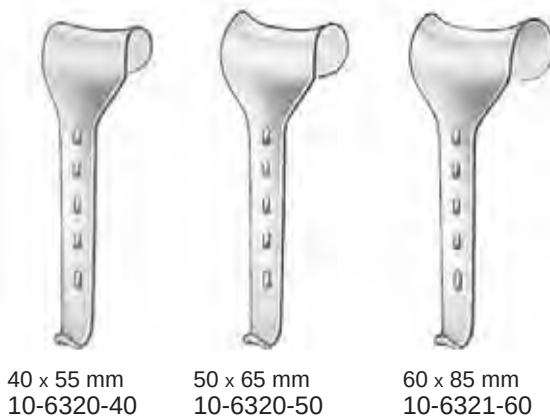
42



Kirschner
10-6320-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complet comprenant:

1 starrer Rahmen, rigid frame, cuadro fijo, cadre bombé fixe 10-6320-00
2 Valvén, blades, valvas, valves 50 x 65 mm 10-6320-50
2 Valvén, blades, valvas, valves 40 x 55 mm 10-6320-40





اکارتور واژینال

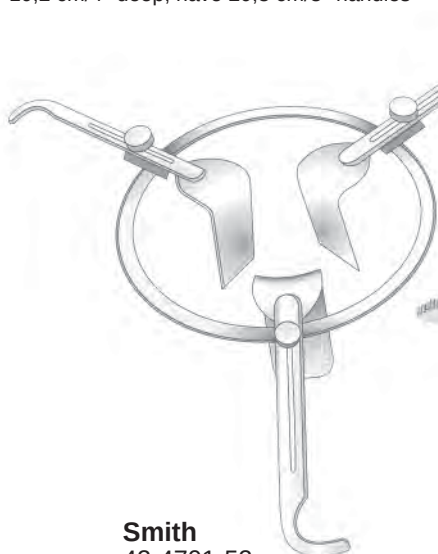
Vulva-Spreizer

Vaginal Retractors

Separadores para la Vulva

Ecorteurs Vulvaires

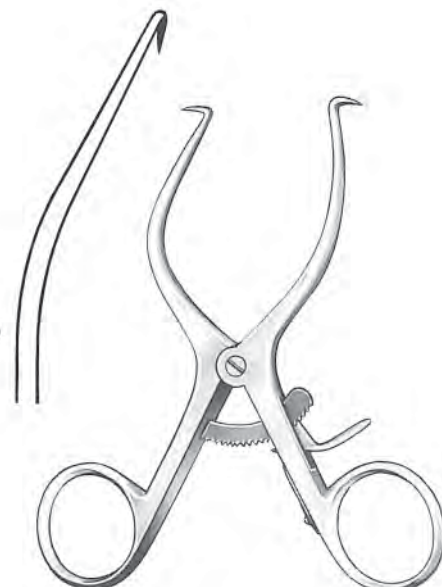
Vaginal retractor self-retaining provides adequate exposure for the obstetrical
Stainless steel ring is 23 cm/9" in diameter.
Three identical stainless steel right angled retractors with blades 4,4 cm/1³/₄" wide by 10,2 cm/4" deep, have 20,3 cm/8" handles



Smith
42-4701-52



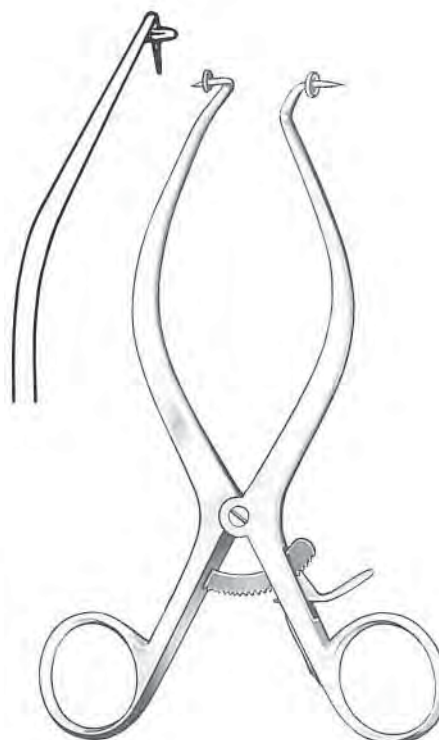
Joll
10 cm/4" 10-6820-10
13 cm/5" 10-6820-13
15,5 cm/6" 10-6820-15



Gelpi
9 cm/3 1/2" = 10-6830-09
11 cm/4 1/4" = 10-6830-11
14 cm/5 1/2" = 10-6830-14
16 cm/6 1/4" = 10-6830-16



Lateral vaginal retractor
42-9201-28



Gelpi
19 cm/7 1/2" = 10-6832-19

انواع دیلاتور (بوژی)

Dilatatoren
Dilators
Dilatadores
Dilatateurs



42

Uterusdilatatoren • Uterine Dilators
Dilatadores uterinos - Dilatateurs utérins



$\frac{1}{2}$

Hank

42-6240-09	Fig. 9/10	4,5/ 5 mm Ø
42-6240-11	Fig. 11/12	5,5/ 6 mm Ø
42-6240-13	Fig. 13/14	6,5/ 7 mm Ø
42-6240-15	Fig. 15/16	7,5/ 8 mm Ø
42-6240-17	Fig. 17/18	8,5/ 9 mm Ø
42-6240-19	Fig. 19/20	9,5/ 10 mm Ø

Satz zu 6 Dilatatoren (9/10 - 19/20),
in Segeltuchrolle No. 42-6241-96
Set of 6 dilators (9/10 -19/20),
in canvas roll No.42-6241-96
Juego de 6 dilatadores (9/10 -19/20),
en estuche de lona No. 42-6241-96
Jue de 6 dilatateurs (9/10 - 19/20),
en étui-toile enroulé No. 42-6241-96



$\frac{1}{2}$

Hank

42-6241-06



دیلاتور

**Dilatatore
Dilators
Dilatadores
Dilateurs**

دیلاتور رحمی (بوژی)

**Uterus-Dilatatore
Uterine Dilators
Dilatadores uterinos
Dilateurs utérins**

mit schwach konischer Spitze
with slightly conical point
con punta ligeramente cónica
extrémité légèrement conique



mit glattem Muldengriff
with smooth sloped handle
con mango biselado liso
avec manche biseauté lisse

Hegar

mmØ

1,0	42-6320-01
1,5	
2,0	42-6320-02
2,5	
3,0	42-6320-03
3,5	
4,0	42-6320-04
4,5	
5,0	42-6320-05
5,5	
6,0	42-6320-06
6,5	
7,0	42-6320-07
7,5	
8,0	42-6320-08
8,5	
9,0	42-6320-09
9,5	
10,0	42-6320-10
10,5	
11,0	42-6320-11
11,5	
12,0	42-6320-12

mmØ

12,5		42-6331-25
13,0	42-6320-13	
13,5		42-6331-35
14,0	42-6320-14	
14,5		42-6331-45
15,0	42-6320-15	
15,5		42-6331-55
16,0	42-6320-16	
16,5		42-6331-65
17,0	42-6320-17	
17,5		42-6331-75
18,0	42-6320-18	
19,0	42-6320-19	
20,0	42-6320-20	
21,0	42-6320-21	
22,0	42-6320-22	
23,0	42-6320-23	
24,0	42-6320-24	
25,0	42-6320-25	
26,0	42-6320-26	



- 42-6325-17 Satz mit 14 Dilatatore 4-17 mm Ø in Metalletui
 42-6322-17 dto. in Ledertasche mit Reißverschluß (ohne Abbildung)
 42-6325-17 Set of 14 dilators 4 -17 mm Ø in metal case
 42-6322-17 dto. in leather pouch with zip fastener (not illustrated)
 42-6325-17 Juego de 14 dilatadores 4-17 mm Ø en estuche de metal
 42-6322-17 idem en estuche de piel con cierre rélampago (no ilustrado)
 42-6325-17 Série de 14 dilateurs 4 -17 mm Ø en boîte de métal
 42-6322-17 idem en pochette de cuir à fermeture éclair (non illustré)

42-6325-26

- Satz mit 26 Dilatatore 1 - 26 mm Ø in Metalletui
 Set of 26 dilators 1 - 26 mm Ø in metal case
 Juego de 26 dilatadores 1 - 26 mm Ø en estuche de metal
 Série de 26 dilateurs 1 - 26 mm Ø en boîte de métal

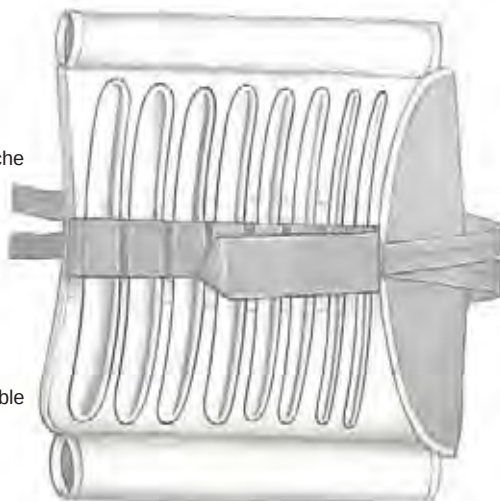


Hegar

	mm Ø
42-6350-01	1 + 2
42-6350-03	3 + 4
42-6350-05	5 + 6
42-6350-07	7 + 8
42-6350-09	9 + 10
42-6350-11	11 + 12
42-6350-13	13 + 14
42-6350-15	15 + 16
42-6350-17	17 + 18
42-6350-19	19 + 20
42-6350-21	21 + 22
42-6350-23	23 + 24
42-6350-25	25 + 26

Satz zu 8 Dilatatore
3,0/4,0-17,0/18,0 mm Ø,
in auskochbarer Stoff-Rolltasche
Set of 8 dilators
3,0/4,0 -17,0/18,0 mm Ø,
in boilable canvas roll
Juego de 8 dilatadores
3,0/4,0-17,0/18,0 mm Ø,
en bolsa de tela esterilizable
por ebullición
Jeu de 8 dilatateurs de
3,0/4,0-17,0/18,0 mm de Ø,
en pochette en treillis stérilisable
par ébullition

42-6351-08



Hegar
42-6352-08

Satz zu 8 Dilatatore
3,0/4,0 -17,0/18,0 mm Ø,
in Metalletui mit Scharnierdeckel
Set of 8 dilators
3,0/4,0 -17,0/18,0 mm Ø,
in metal case with hinged lid
Juego de 8 dilatadores
3,0/4,0-17,0/18,0 mm Ø,
en estuche de metal con tapa
de bisagra
Jeu de 8 dilatateurs de
3,0/4,0 -17,0/18,0 mm de Ø,
en boîte métal avec couvercle
à charnière



Hegar
42-6352-13

Satz zu 13 Dilatatore
1,0/2,0-25,0/26,0 mm Ø,
in Metalletui mit Scharnierdeckel
Set of 13 dilators
1,0/2,0 -25,0/26,0 mm Ø,
in metal case with hinged lid
Juego de 13 dilatadores
1,0/2,0-25,0/26,0 mm Ø,
en estuche de metal con tapa
de bisagra
Jeu de 13 dilatateurs de
1,0/2,0 - 25,0/26,0 mm de Ø,
en boîte métal avec couvercle
à charnière



پنس پلیپ رحمی

Uterus-Polypenzange, -Faßzangen

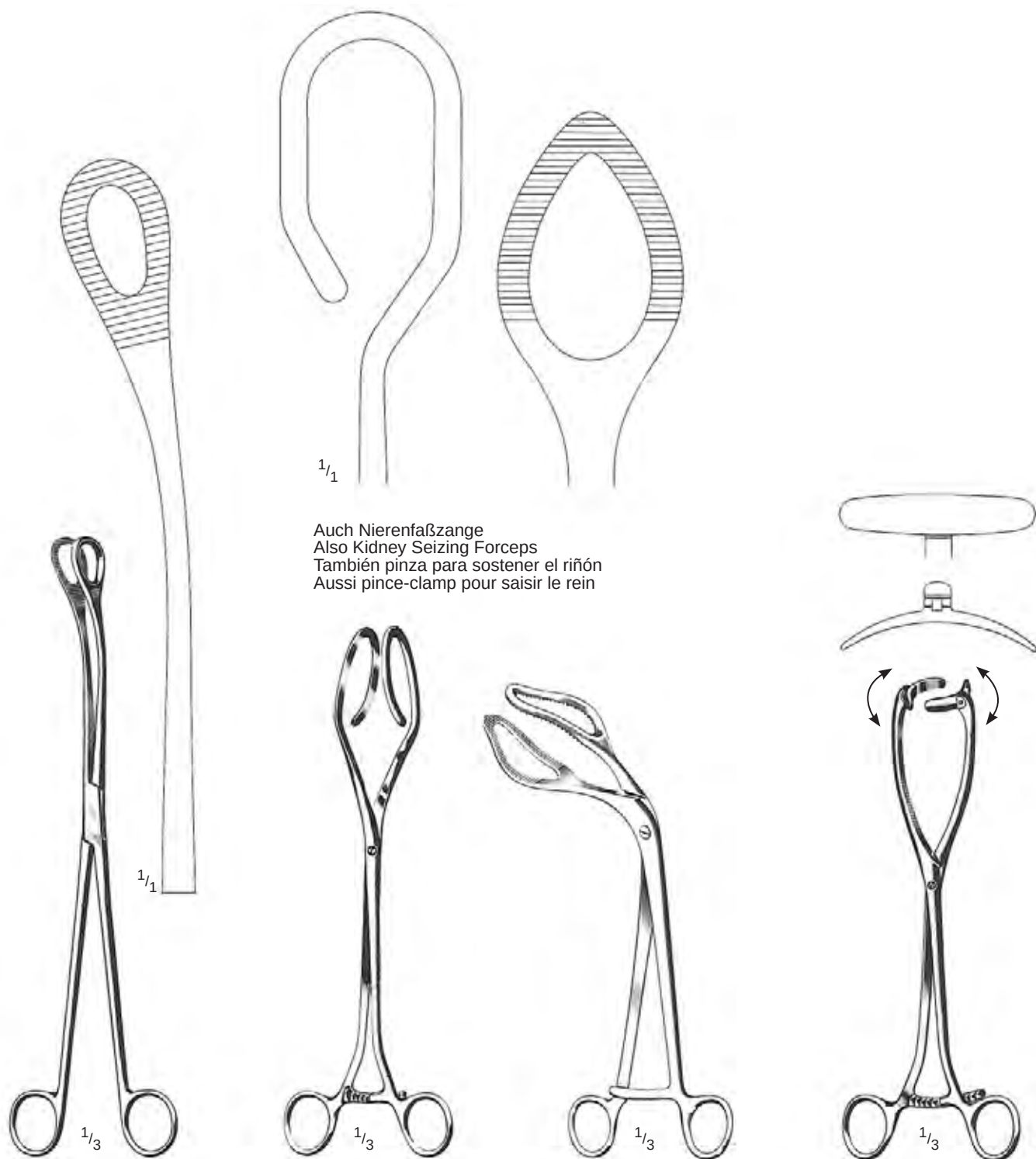
Uterine Polypus Forceps, Uterine Elevating Forceps

Pinza para pólipos uterinos, pinzas histerolabos

Pince à polypes utérins et pinces hystérolabes

Uterus-Polypenzange, Ovarienezange
Uterine Polypus Forceps, Ovarian Forceps
Pinza para pólipos uterinos, pinza para ovarios
Pince à polypes utérins, pince pour les ovaires

Uterusfaßzangen
Uterine Elevating Forceps
Pinzas histerolabos
Pincas hystérolabes



Auch Nierenfaßzange
Also Kidney Seizing Forceps
También pinza para sostener el riñón
Aussi pince-clamp pour saisir le rein

Kelly

32 cm/12 1/2" 42-7102-32
25 cm/10" 42-7102-25

Dartigues

27 cm/10 1/2" 42-7204-27

Somer

23 cm/9" 42-7216-23

Collin

25 cm/10" 42-7220-25

Beckenzirkel
Pelvimeters
Pelvimetros
Compas pelvimètres



cm/Zoll-Skala
scale cm/inches
escala cm/pulgadas
échelle cm/pouces

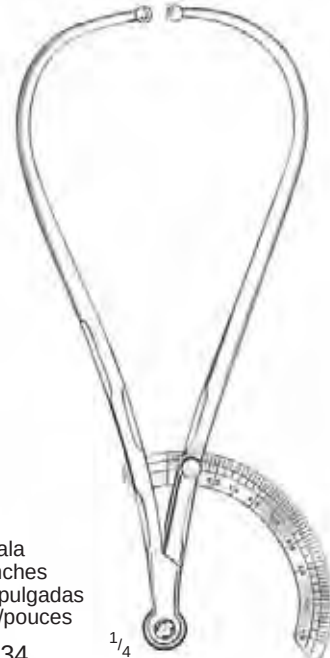
$\frac{1}{4}$

Breisky
33 cm/13"
42-7302-33



$\frac{1}{4}$

Collyer
30,5 cm/12"
42-7304-30



cm/Zoll-Skala
scale cm/inches
escala cm/pulgadas
échelle cm/pouces

42-6040-34

$\frac{1}{4}$

Martin
34 cm/13 $\frac{1}{2}$ "

cm-Skala
cm scale
escala en cm
échelle en cm

42-7306-34

Geburtszangen
Obstetrical Forceps
Fórceps obstétricos
Forceps



Naegele
42-7310-36 = 36 cm/14"
42-7310-40 = 40 cm/15 $\frac{3}{4}$ "



$\frac{1}{4}$

Kielland
41 cm/16 $\frac{1}{4}$ "
42-7330-41



$\frac{1}{4}$

Piper
44 cm/17 $\frac{1}{2}$ "
42-7335-44



$\frac{1}{4}$

Simpson
30,5 cm/12"
42-7374-30

Geburtszangen
Obstetrical Forceps
Fórceps obstétricos
Forceps


 $\frac{1}{3}$

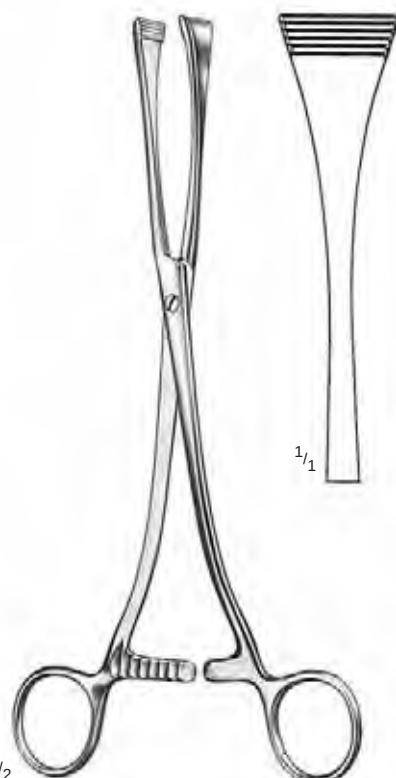
Simpson-Braun
36 cm/14"
42-7374-36


 $\frac{1}{3}$

Boerma
29 cm/11½"
42-7402-29


 $\frac{1}{3}$

Sellheim
28 cm/11"
42-7205-28


 $\frac{1}{2}$
 $\frac{1}{1}$

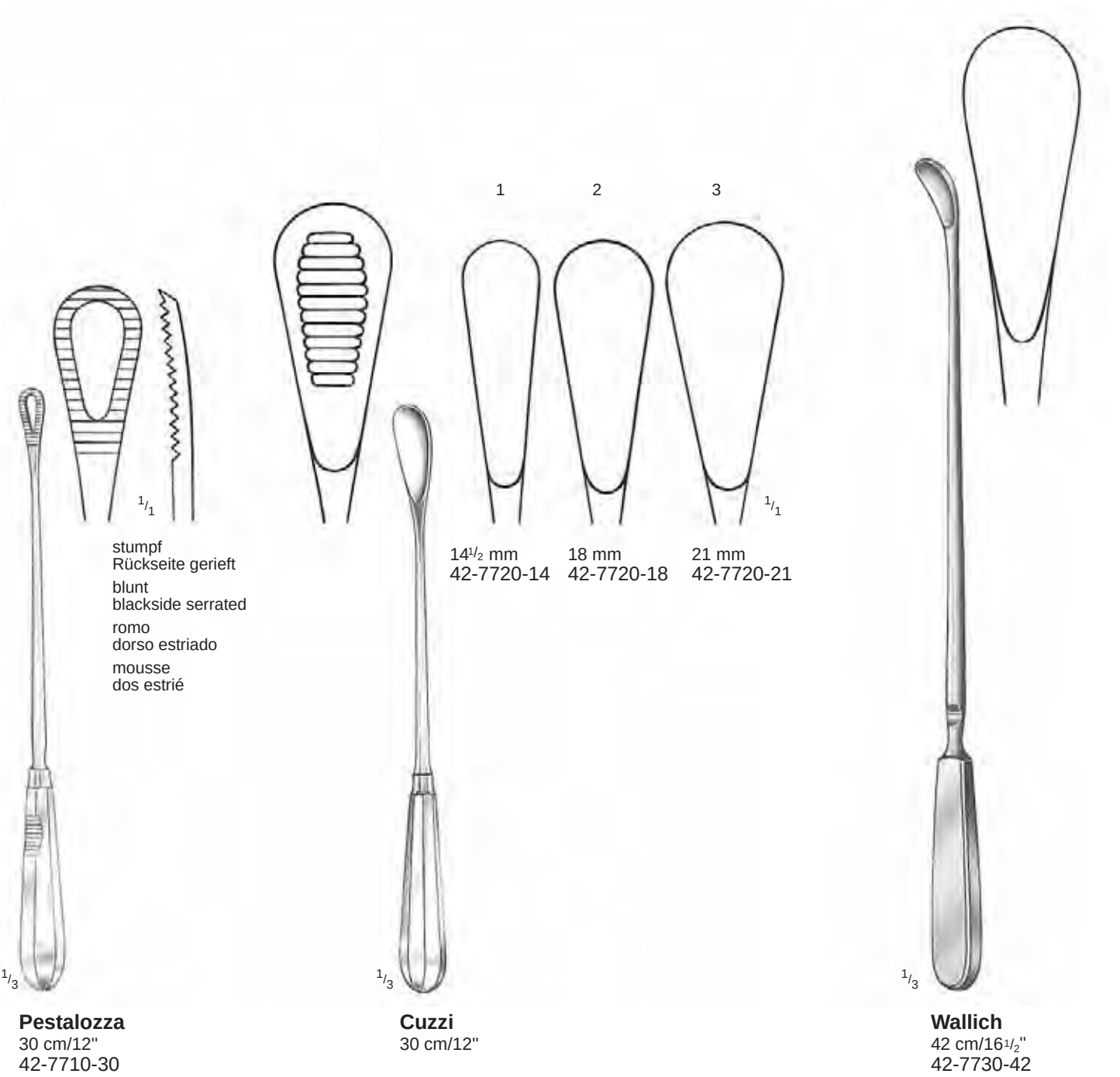
Green-Armytage
21 cm/8¼"
42-6750-21

für Kaiserschnitt
for Caesarian Section
para operación
cesárea
pour césarienne

Geburtslöffel
Obstetric Lever
Cuchara obstétrica
Cuiller obstétricale

Uterusklemmzange
Uterine Haemostasis Forceps
Pinza-clamp uterina
Pince-clamp utérine

Plazentar-und Abortusküretten, Löffel
Placenta and Ovum Curettes, Scoops
Curetas para aborto y placenta
Curettes pour post-abortum



Plazenta und Abortusküretten
Placenta and Ovum Curettes
Curetas para aborto y placenta
Curettes pour post-abortum



Recamier-Bumm



Fig. 11
21 mm

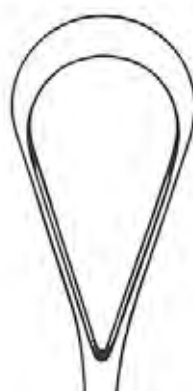


Fig. 12
23 mm



Fig. 13
25 mm

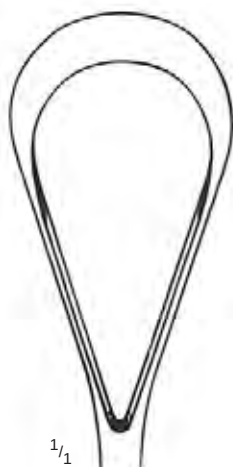


Fig. 14
30 mm

scharf . sharp . cortantes . tranchantes
fest
rigid
rigidas
rigides

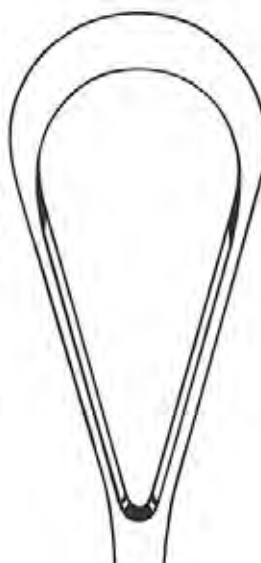


Fig. 15
35 mm

biegsam
malleable
maleables
malléables

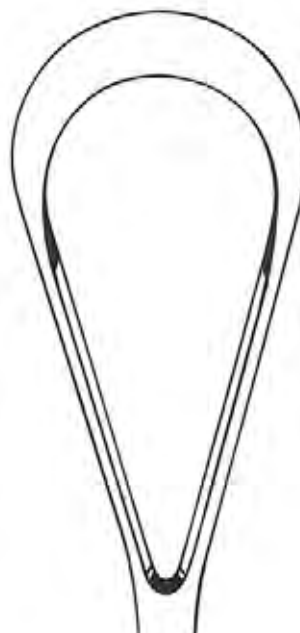


Fig. 16
40 mm

stumpf . blunt . romas . mousses
fest
rigid
rigidas
rigides

biegsam
malleable
maleables
malléables

31 cm/12¹/₂"

Fig.

42-4510-21
42-4510-23

42-4511-21
42-4511-23

11
12

42-4512-21
42-4512-23

42-4513-21
42-4513-23

34 cm/13¹/₂"

Fig.

42-4510-25
42-4510-30
42-4510-35
42-4510-40

42-4511-25
42-4511-30
42-4511-35
42-4511-40

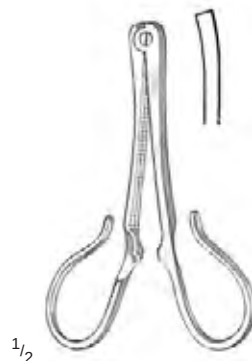
13
14
15
16

42-4512-25
42-4512-30
42-4512-35
42-4512-40

42-4513-25
42-4513-30
42-4513-35
42-4513-40

Nabelschnurklemmen
Umbilical Cord Clamps
Clamps umbilicales
Clamps à cordon ombilical

Amniotomie für die
Amnion-Blase
Amniotomes for the
Amnion Bladder
Amniótomos para la
vesícula amniótica
Amniotomes pour la
vésicule amniotique



$\frac{1}{2}$

Kane
8,5 cm/ $3\frac{1}{2}$ "
42-8210-85



$\frac{1}{2}$

Collin
9 cm/ $3\frac{1}{2}$ "
42-8212-90

Instrumente zur transvaginalen Injektion bei Paracervical-
und Pudendus-Anästhesie
Instruments for transvaginal injection for paracervical
anaesthesia as well as anaesthesia of the pudendus
Instrumentos para la anestesia transvaginal (pudendus)
Instruments pour injection transvaginale en cas d'anesthésie
Paracervicale et anesthésie du pudendus

Nadelführung
Trumpet Needle Guide
Agujas de gula
Guide-aiguilles

Injektionskanüle
1,00 x 160 mm
Luer-Lock
Injection Needle
1.00 x 160 mm
Luer-Lock
Aguja suelta
1,00 x 160 mm
Luer-Lock
Canule d'injection
1,00 x 160 mm
Luer-Lock



$\frac{1}{2}$

Beacham
26 cm/ $10\frac{1}{4}$ "
42-7910-26



$\frac{1}{2}$

Iowa
14 cm/ $5\frac{1}{2}$ "
42-8310-14



$\frac{1}{2}$

Iowa
14 cm/ $5\frac{1}{2}$ "
42-8311-14



$\frac{1}{2}$

Iowa
42-8312-16

(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

Abszeß-und Fistelmesser Abscess and Fistula Knives Bisturías para abscesos y para fistulas Bistouris à abcès et pour fistules		Weitere instrumente siehe Seite More instruments see page Para más instrumentos véase página d' autres instruments voir page
Konisationsmesser Cone Knives Bisturías para cono de atracción Bistouris pour le cône d'attraction	Myommesser Myoma Knife Bisturi para fibromas Bistouri pour fibromes	173-230 232
Damm-(Episiotomie-) Scheren Perineum (Episiotomy) Scissors Tijeras para perineo (para episiotomia) Ciseaux à périnée (à épisiotomie)		238-239 259
Parametrium-Scheren Parametrium-Scissors Parametrium-Tijeras Parametrium-Ciseaux		233-234
Nabelschnur-Scheren Umbilical Scissors Tijeras umbilicales Ciseaux pour le cordon ombilical		235
Hysterektomie-Klemmen Hysterectomy Forceps Pinzas para histerectomia Pincas à hysterectomie	Peritoneum-Klemmen Peritoneum Forceps Pinzas para peritoneo Pincas à peritoine	367
Uterus-Polypenzangen Uterine Polypos Forceps Pinzas para pólipos uterinos Pincas à polypes utérins	Uterusfaßzangen Uterine Elevating Forceps Pinzas hysterolabos Pincas hysterolabes	640
Plazentar- und Abortuszangen Placenta and Ovum Forceps Pinzas para aborto y placenta Pincas à faux germes et placenta		633
Kopfschwartenzange Scalp Flap Forceps Pinza para pericráneo Pince pour le cuir chevelu		637
Hakenzangen Tenaculum Forceps Pinzas para coger el cuello del útero Pincas pour abaissement du col de l'utérus		638-640
Korn-(Polypen) Zangen, Tupferzangen, Fremdkörperzangen Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños Pincas à polypes et à pansements, pincas à tampons, pincas à corps étrangers		
Bauchdeckenhalter Abdominal Retractors Separadores abdominales Ecarteurs abdominaux		
Vulva-Spreizer Vaginal Retractors Separadores para la vulva Ecarteurs vulvaires		
Schultze Instrumentarium zur Hysterosalpingographie Schultze Instrumentation for Hystero-Salpingography Schultze Instrumental para histero-salpingografía Schultze Instrumentation pour hystéro-salpingographie		

44



جراحی توراکس و ریه - انواع پنس عروقی

**Thorax- und Lungen-
Chirurgie, Gefäßklemmen**

Cardio-Vascularchirurgie

**Thoracic and Lung Surgery,
Cardiovascular Surgery, Vascular clamps**

**Cirugía torácica y pulmonar,
cirugía cardiovascular, pinzas vasculares con bocas**

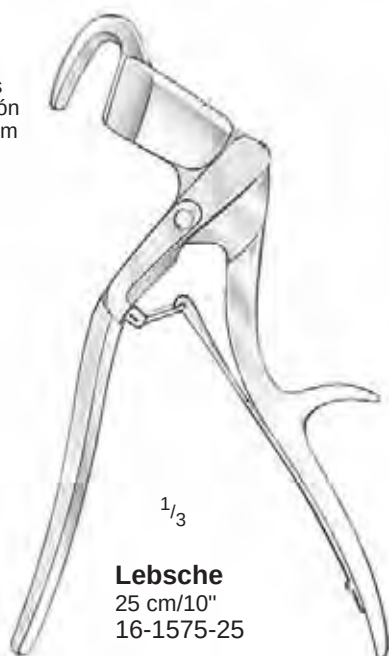
**Chirurgie thoracique et
pulmonaire, chirurgie cardio-
vasculaire, pincers vasculaires à mors**



دنده بر

Rippenscheren, Sternumschere
Rib Shears, Sternum Shears
Costótomos, Tijera de esternón
Gostotomes, Cisaille à sternum

Sternumschere
 Sternum Shears
 Tijera de esternón
 Cisaille à sternum



Lebsche
 25 cm/10"
 16-1575-25

mit ziehendem
 Schnitt
 with eccentric
 sliding blade
 con hoja
 de retroacción
 avec lame
 glissante

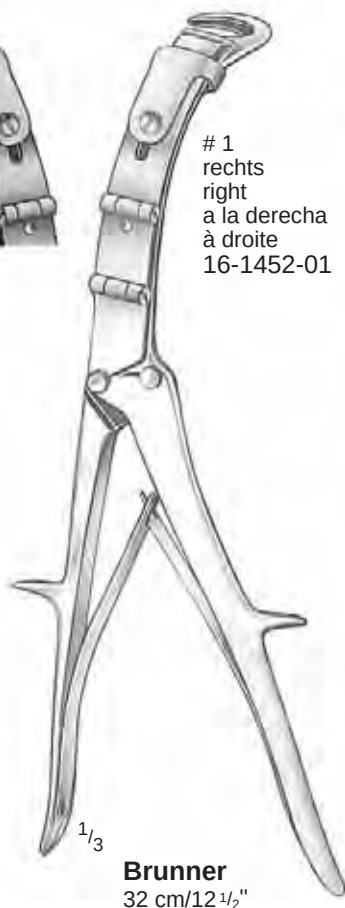


Gluck
 19 cm/7 1/2" = 16-1422-19
 22 cm/8 3/4" = 16-1422-22

2
 links
 left
 a la izquierda
 à gauche
 16-1452-02



1
 rechts
 right
 a la derecha
 à droite
 16-1452-01



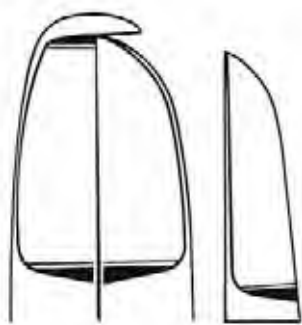
Brunner
 32 cm/12 1/2"



Stille-Giertz
 24,5 cm/9 3/4"
 16-1475-25
 27 cm/10 3/4"
 16-1475-27



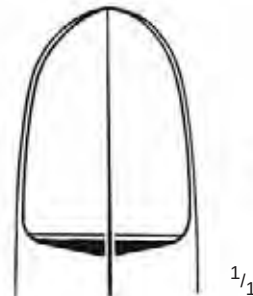
Sauerbruch
 23 cm/9" = 16-1484-23
 26 cm/10 1/4" = 16-1484-26



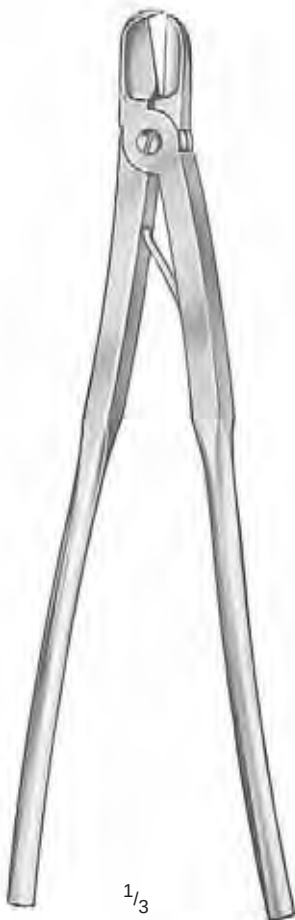
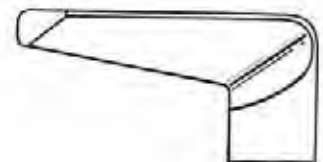
für die linke Hand
for the left hand
para la mano izquierda
pour la main gauche



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



$\frac{1}{1}$



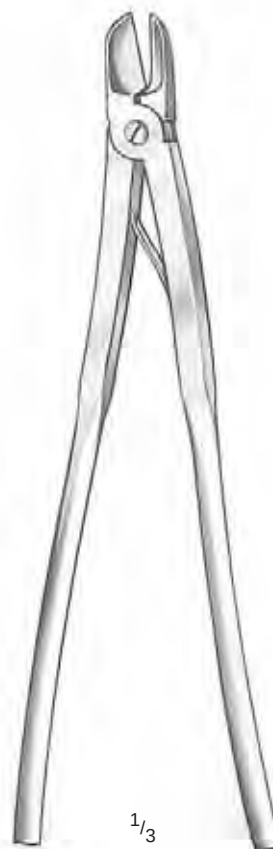
$\frac{1}{3}$

Coryllos-Bethune
35 cm/13 $\frac{3}{4}$ "
16-1535-02



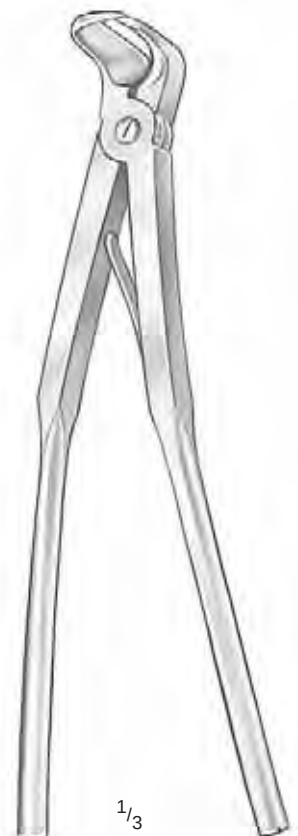
$\frac{1}{3}$

Coryllos-Bethune
35 cm/13 $\frac{3}{4}$ "
16-1535-01



$\frac{1}{3}$

Bethune
34 cm/13 $\frac{1}{2}$ "
16-1540-34



$\frac{1}{3}$

Roos
33 cm/13"
16-1543-33



دنده بر

Rippenscheren
Rib Shears
Costótomos
Costotomes

Knochenschere
Bone and Rib Shears
Cizallas para huesos y costillas
Costotomes, cisailles pour os



Lebsche
24,5 cm/9³/₄"
15-1675-24



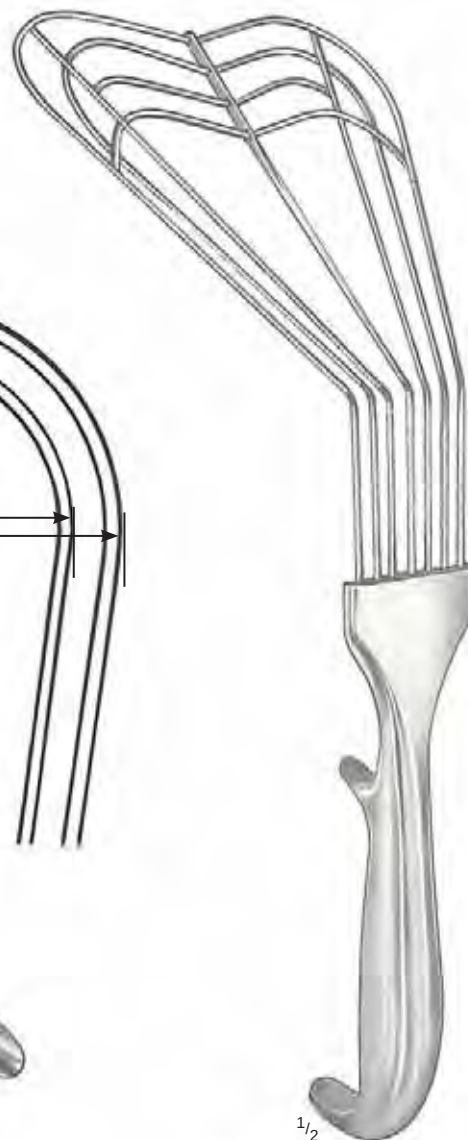
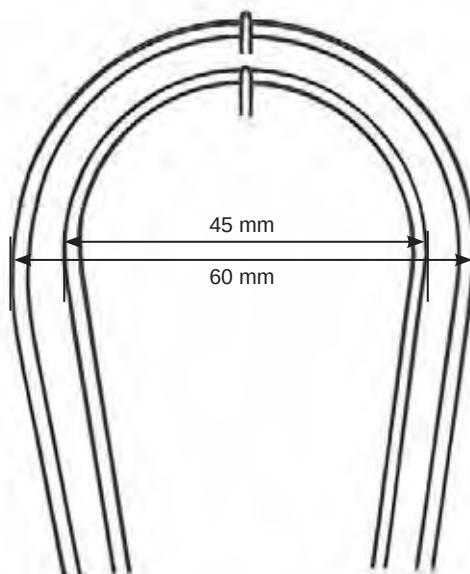
23 cm/9"
02-5650-23



Plain
23 cm/9"
02-5660-23

اکارتور ریه

Lungenspatel, Scapula-Haken
Lung Spatulas, Scapula Retractors
Espatulas pulmonares, separadores para la escápula
Valves à poumon, écarteurs à omoplate



Allison

44-2029-45 = 29 cm/11 1/2" 45 mm
44-2034-60 = 34 cm/13 1/2" 60 mm

26 cm/10 1/4" 44-2041-26
32 cm/12 1/2" 44-2041-32



Davidson
50 x 75 mm
44-2061-50



Davidson
90 x 75 mm
44-2061-90



اکارتور استرنوم

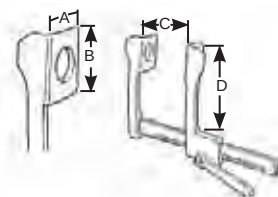
Sternotomiesperrer, Aluminium
 Sternotomy-Spreaders, aluminium
 Separadores para esternotomía, aluminio
 Ecarteurs à sternotomie, aluminium

für Neugeborene
 for new-born
 para recién nacidos
 pour nouveau-nés

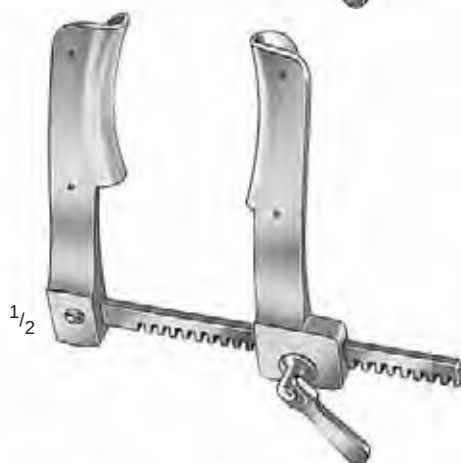


Castañeda

	A	B	C
44-2100-65	10,5 mm	32 mm	65 mm



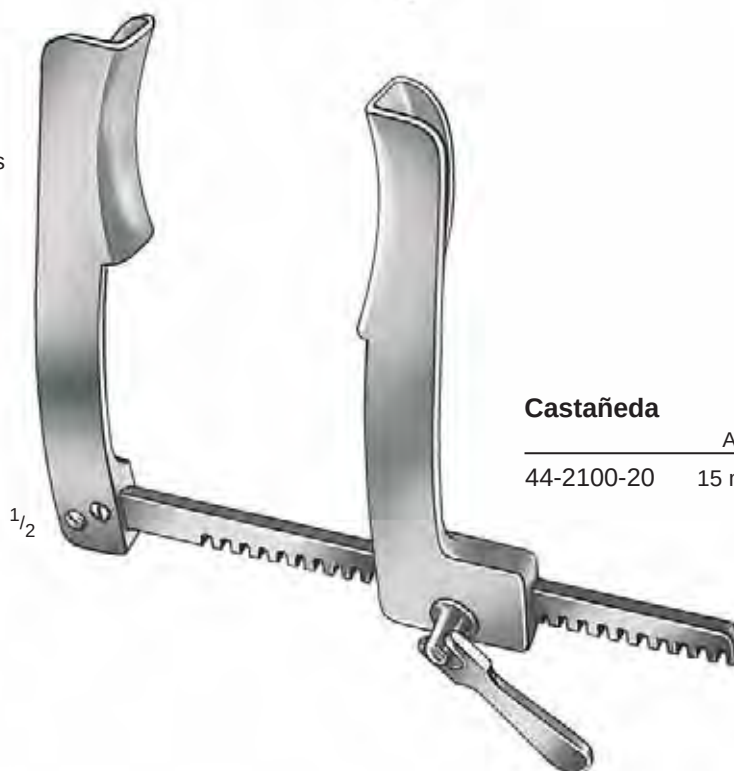
für Kleinstkinder
 pediatric size
 para bebés
 pour bébés



Castañeda

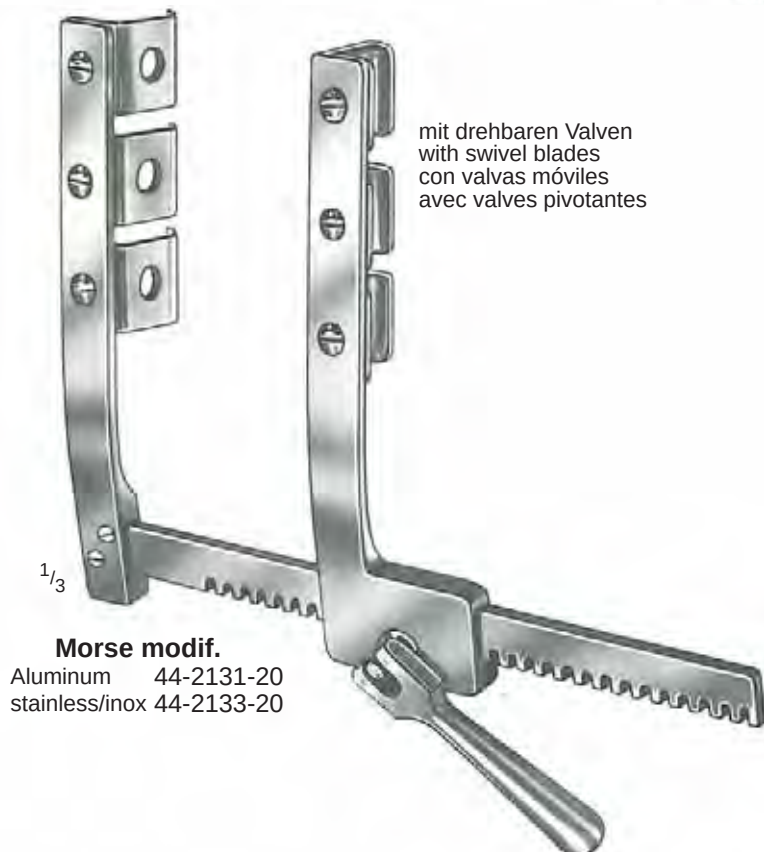
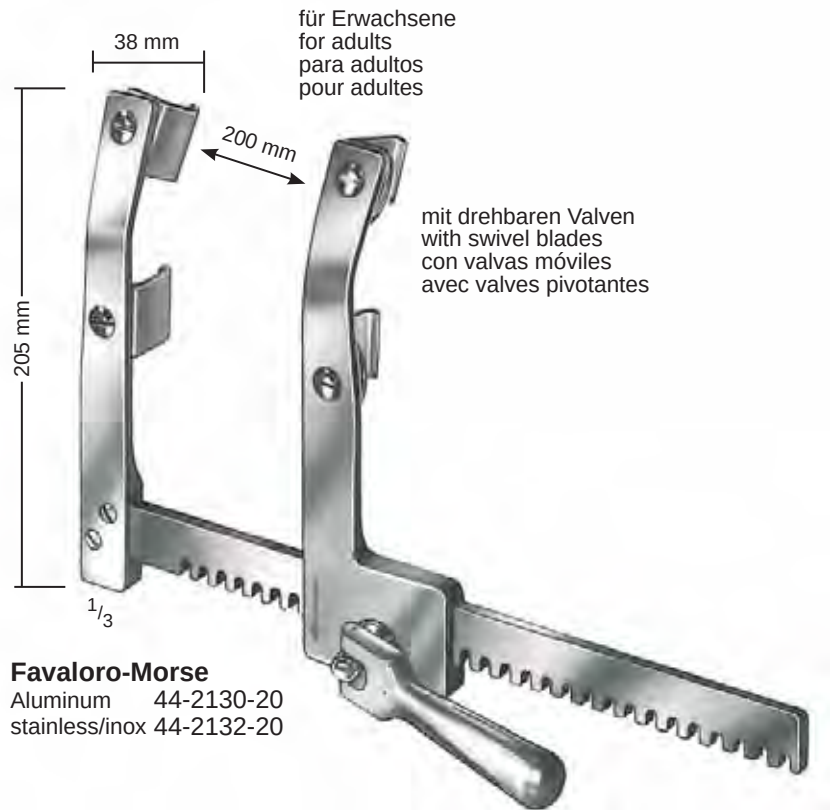
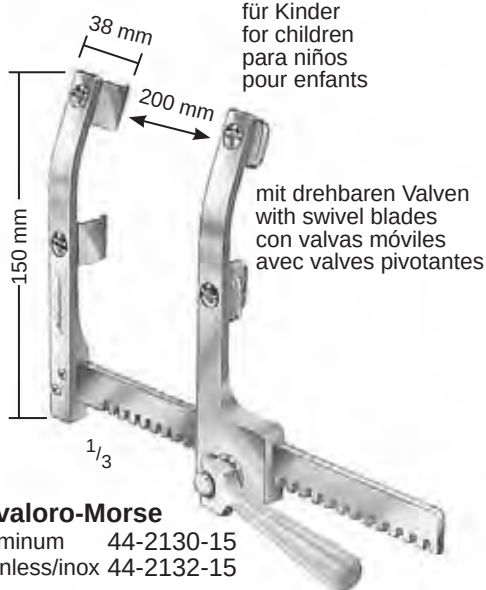
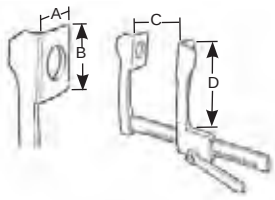
	A	B	C
44-2100-10	12 mm	45 mm	70 mm

für Kleinkinder
 child size
 para niños
 pour petit-enfants



Castañeda

	A	B	C
44-2100-20	15 mm	60 mm	120 mm





اکارتور استرنوم

Sternotomiesperrer

Sternotomy Spreaders

Separadores para esternotomía

Ecarteurs à sternotomie

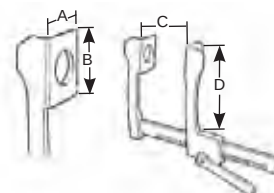


Aluminium, aluminium, aluminio, aluminium

Cooley

	A	B	C
44-2210-75	12 mm, 1/2"	17 mm, 5/8"	75 mm, 3"

für Neugeborene
for newborns
para recién nacidos
pour nouveau-nés

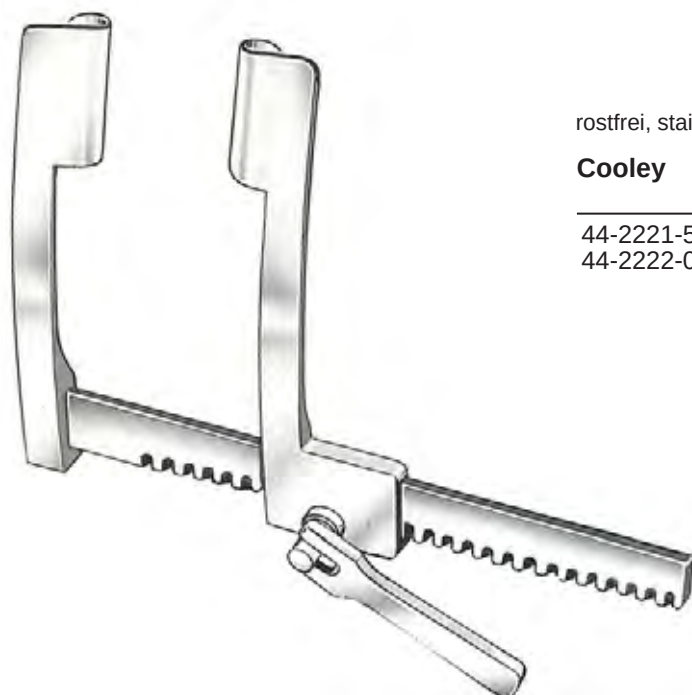


Aluminium, aluminium, aluminio, aluminium

Cooley

	A	B	C
44-2211-05	16 mm, 5/8"	30 mm, 1 1/8"	105 mm, 4 1/8"

für Kleinkinder
pediatric size
para pequeños niños
pour petits- enfants



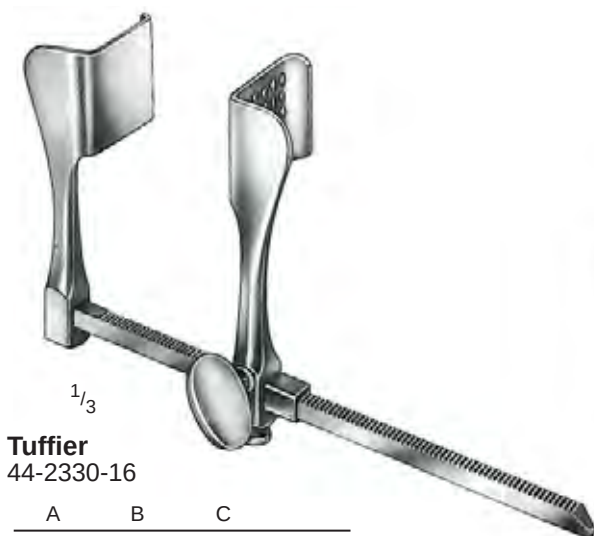
rostfrei, stainless steel, inoxidable, inoxydable

Cooley

	A	B	C
44-2221-50	21 mm, 7/8"	44 mm, 1 3/4"	150 mm, 6"
44-2222-00	37 mm, 1 1/2"	49 mm, 1 7/8"	200 mm, 8"

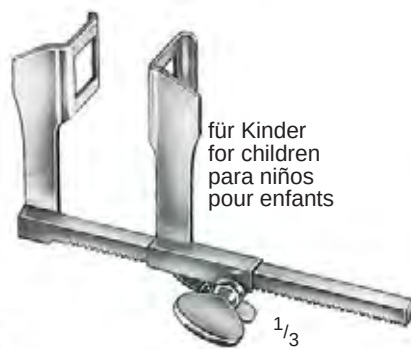
44-2221-50 | für Kinder
for children
para niños
pour enfants

44-2222-00 | für Erwachsene
for adults
para adultos
pour adultes



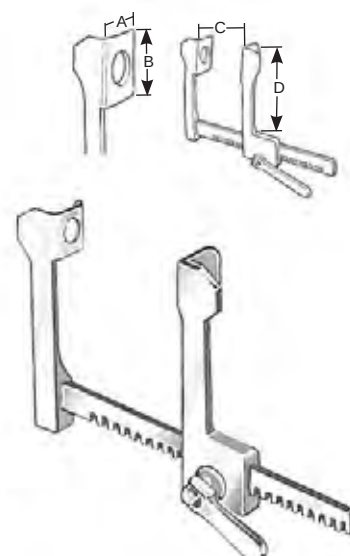
Tuffier
 44-2330-16

A	B	C
50 mm	45 mm	165 mm



Baby-Haight
 44-2340-90

A	B	C	D
30 mm	30 mm	90 mm	90 mm



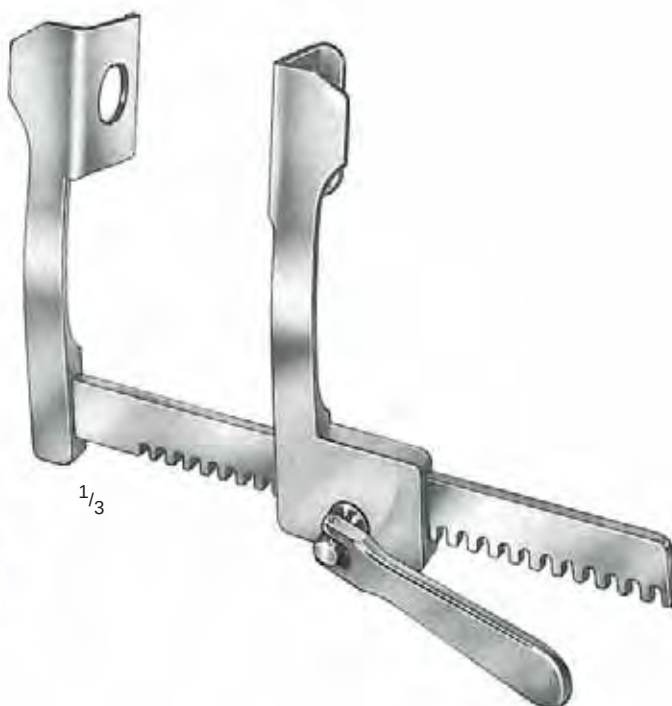
Finochietto-Infant
Finochietto-Baby

	A	B	C
44-2360-36			36 mm
44-2360-75			75 mm
44-2361-00	7 mm	7 mm	100 mm
44-2361-25			125 mm
44-2361-50			150 mm



Finochietto
Finochietto-Baby

	A	B	C
44-2575-18	18 mm	20 mm	75 mm
44-2575-38	38 mm	45 mm	165 mm
44-2575-44	44 mm	65 mm	200 mm
44-2575-65	65 mm	65 mm	253 mm



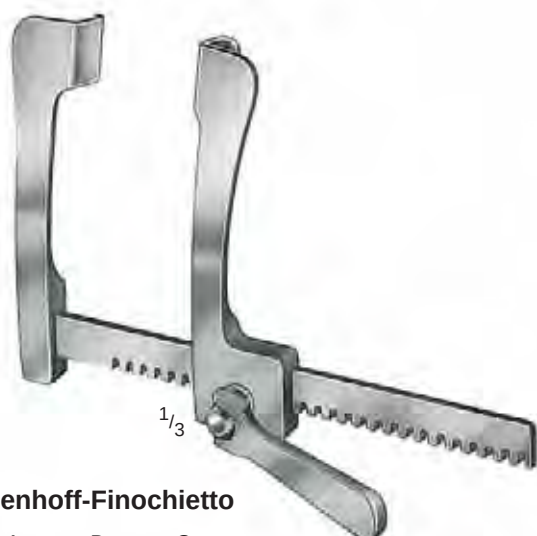
Finochietto

	A	B	C
44-2613-38	38 mm	44 mm	150 mm
44-2617-52	52 mm	62 mm	175 mm
44-2617-65	65 mm	85 mm	175 mm



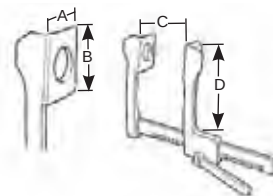
اکارتور دنده

Rippensperrer, rostfrei
Rib Spreaders, stainless
Separadores costales, inoxidable
Ecarteurs costaux, inoxydables

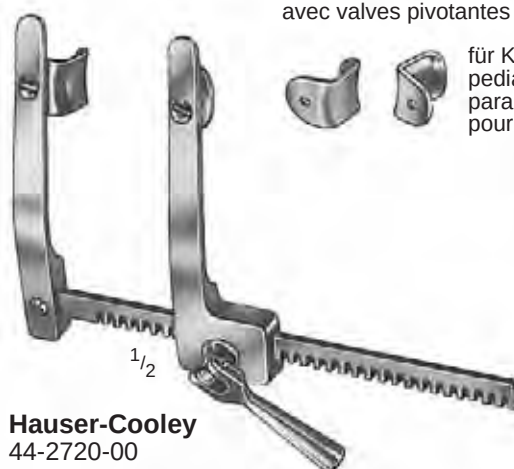


Rienhoff-Finochietto

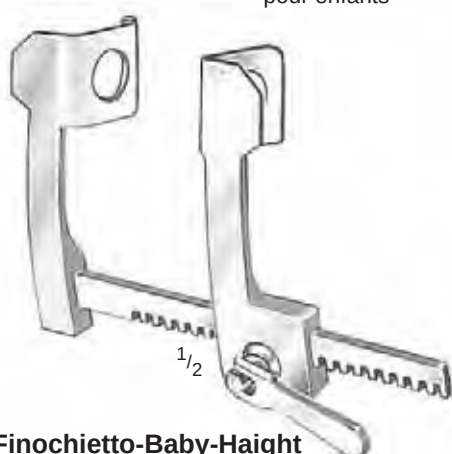
A	B	C
21 mm	26 mm	150 mm
44-2715-26		



mit drehbaren Valven
with swivel blades
con valvas móviles
avec valves pivotantes

Hauser-Cooley
44-2720-00

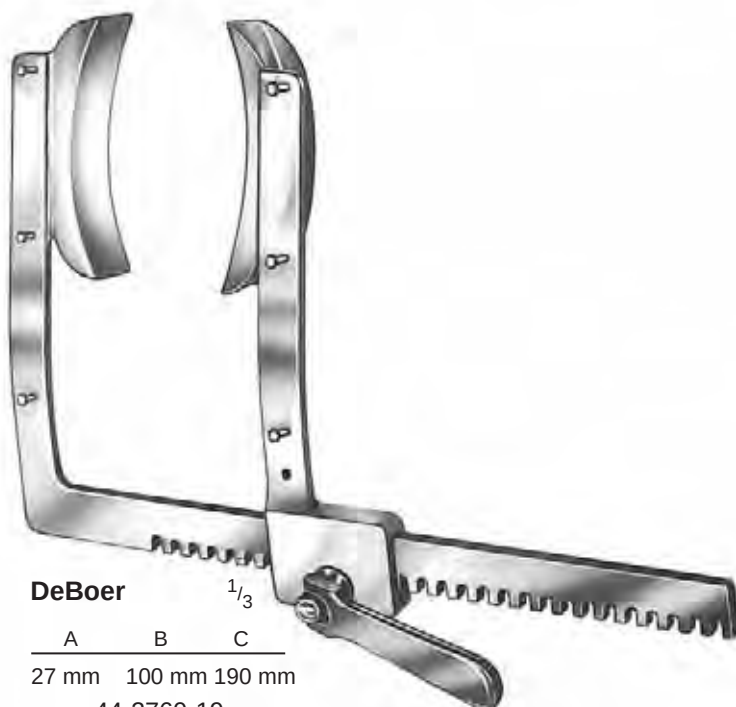
für Kleinkinder
pediatric size
para bebés
pour bébés



für Kinder
for children
para niños
pour enfants

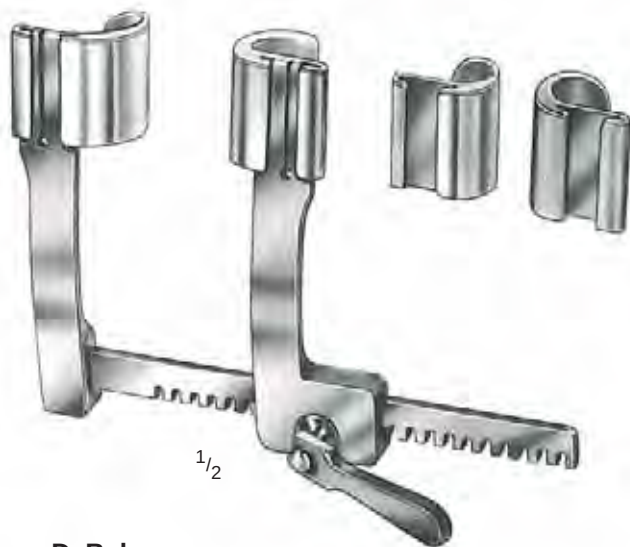
Finochietto-Baby-Haight

A	B	C
31 mm/1 $\frac{1}{4}$ "	31 mm/1 $\frac{1}{4}$ "	100 mm/4"
44-2770-10		



DeBoer

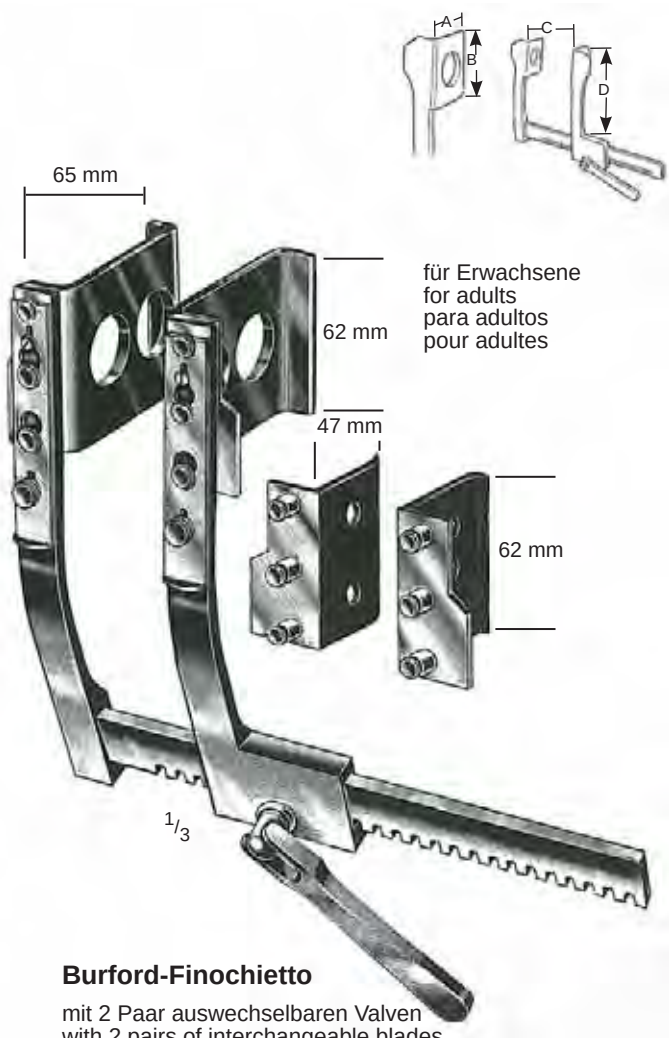
A	B	C
27 mm	100 mm	190 mm
44-2760-19		



DeBakey

mit 2 Paar auswechselbaren Valven
with 2 pairs of interchangeable blades
con 2 pares de valvas removibles
avec 2 paires de valvas interchangeables

für Kleinstkinder pediatric size para bebés pour bébés	für Kinder for children para niños pour enfants	für Erwachsene for adults para adultos pour adultes
44-2830-70	44-2831-20	44-2832-00
Valven aus Aluminium blades only aluminium valvas aluminio valves aluminium		



Burford-Finochietto

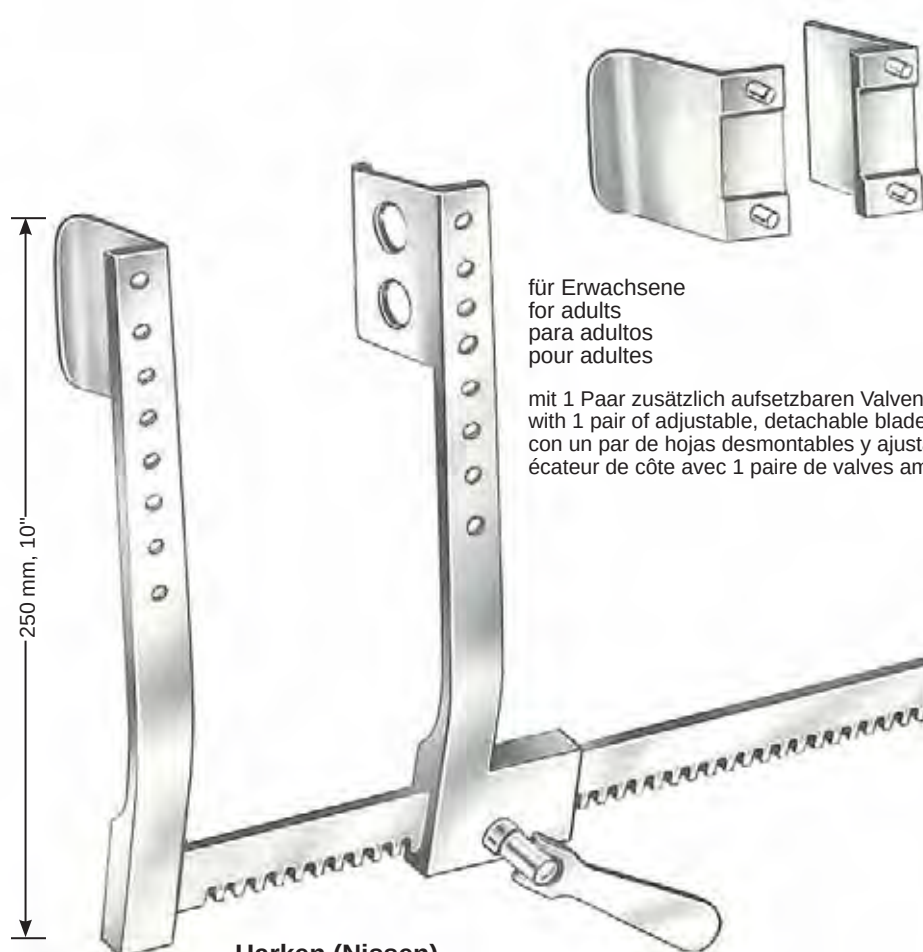
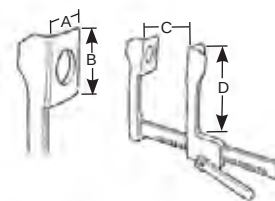
mit 2 Paar auswechselbaren Valven
with 2 pairs of interchangeable blades
con 2 pares de valvas removibles
avec 2 paires de valvas interchangeables
44-2850-20 44-2850-25 44-2850-30

	1. Paar auswechselbare Valven 1. pair of interchangeable blades 1. par de valvas removibles 1. paire de valvas interchangeables		2. Paar auswechselbare Valven 2. pair of interchangeable blades 2. par de valvas removibles 2. paire de valvas interchangeables		Spreizweite blade opening abertura total écartement total
	A mm	B mm	A mm	B mm	
44-2830-70	15	15	15	12	70
44-2831-20	30	30	30	21	120
44-2832-00	60	52	60	32	200
44-2850-20	65	62	47	62	200
44-2850-25	65	62	47	62	250
44-2850-30	65	62	47	62	300



اکارتور دنده

Rippensperrer, rostfrei
 Rib Spreaders, stainless steel
 Separadores costales, inoxidables
 Ecarteurs costaux, inoxydables



für Erwachsene
 for adults
 para adultos
 pour adultes

mit 1 Paar zusätzlich aufsetzbaren Valven für das Schulterblatt
 with 1 pair of adjustable, detachable blades for scapula
 con un par de hojas desmontables y ajustables para scapula
 écarteur de côte avec 1 paire de valves amovibles pour scapula

Harken (Nissen)

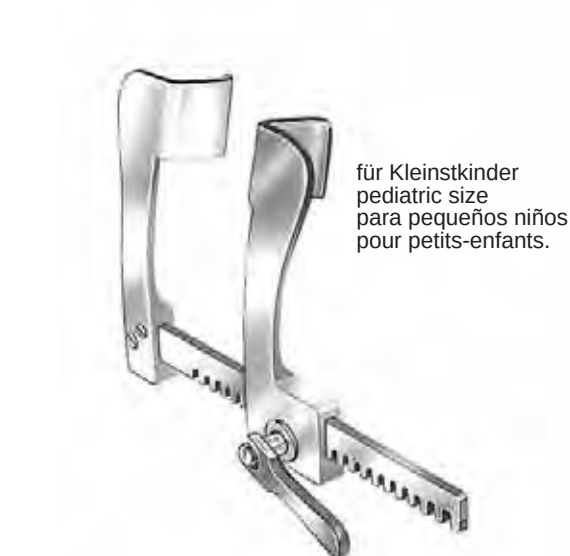
	feste Valven un-removable blades valvas non-desmontables valves non-démontables		Valven für Schulterblatt blades for scapula valvas para omóplato valves pour l'omoplate		Spreizweite blade opening abertura total écartement total
	A	B	A	B	
44-2882-00	45 mm/1 3/4"	75 mm/3"	40 mm/1 1/2"	50 mm/2"	200 mm/ 8"
44-2882-50	45 mm/1 3/4"	75 mm/3"	40 mm/1 1/2"	50 mm/2"	250 mm/10"



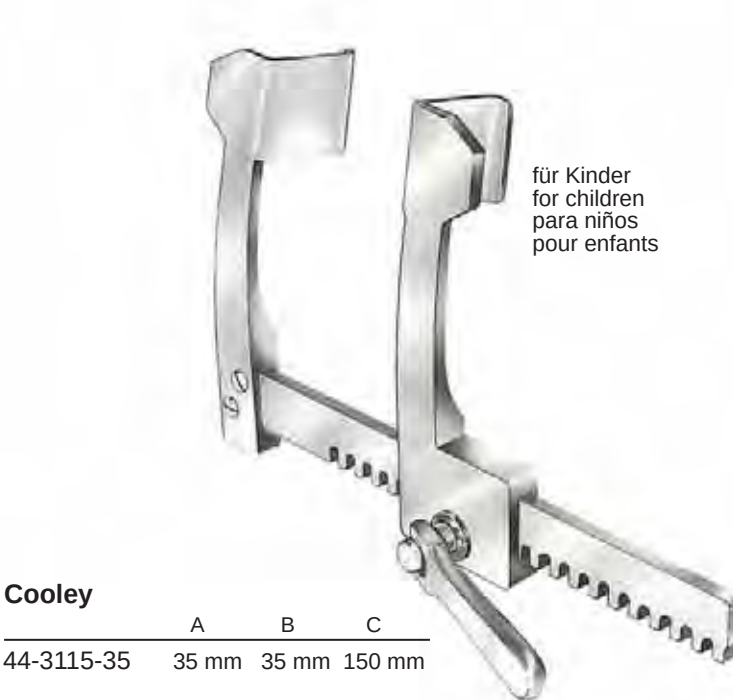
Finochietto (modif.)	A	B	C	D
44-2961-12	14 mm	14 mm	120 mm	110 mm



Finocchietto	A	B	C
44-3013-38	38 mm	44 mm	135 mm
44-3017-52	52 mm	62 mm	175 mm
44-3017-85	85 mm	65 mm	175 mm



Cooley	A	B	C
44-3110-21	21 mm	25 mm	105 mm



Cooley	A	B	C
44-3115-35	35 mm	35 mm	150 mm



اکارتور دنده

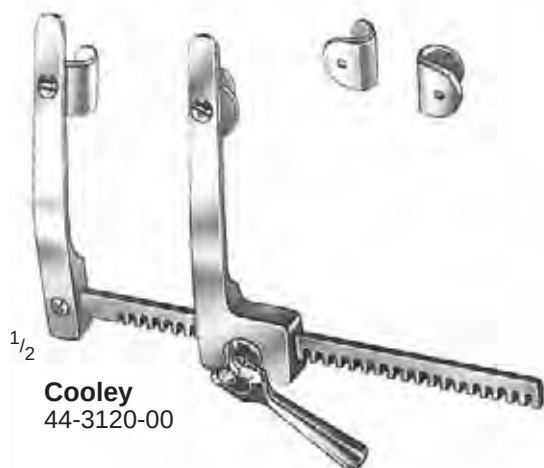
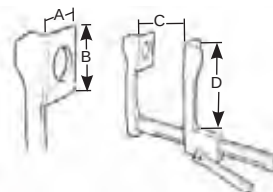
Rippensperrer, Aluminium
Rib Spreaders, aluminium
Separadores costales, aluminio
Ecarteurs costaux, aluminium

mit drehbaren Valven
 with swivel blades
 con valvas móviles
 avec valves pivotantes

für Kleinkinder
 pediatric size
 para niños
 pour petit-enfants

mit 2 Paar auswechselbaren Valven
 with 2 pairs of interchangeable blades
 con 2 pares de valvas removibles
 avec 2 paires de valves interchangeables

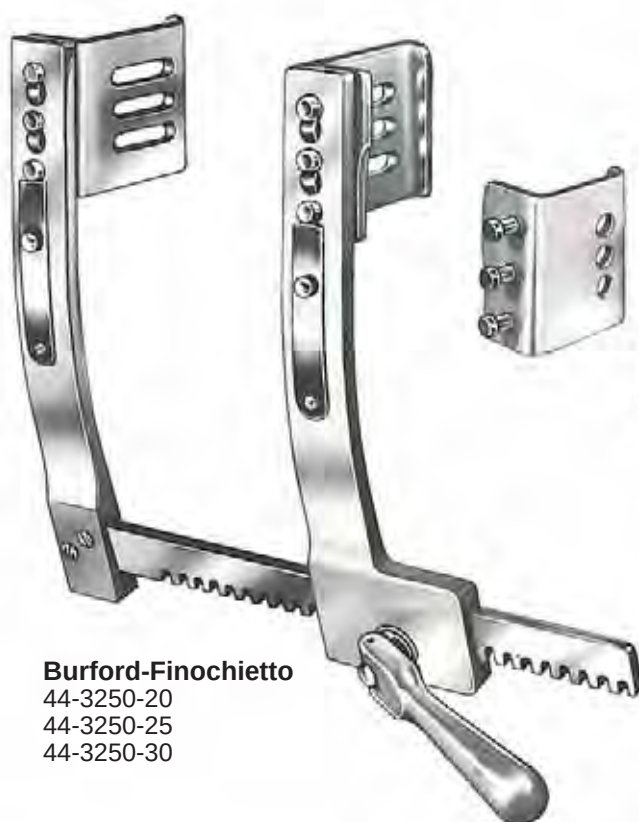
für Kinder
 for children
 para niños
 pour enfants



Cooley
 44-3120-00



Burford-Finochietto
 Baby 44-3151-13



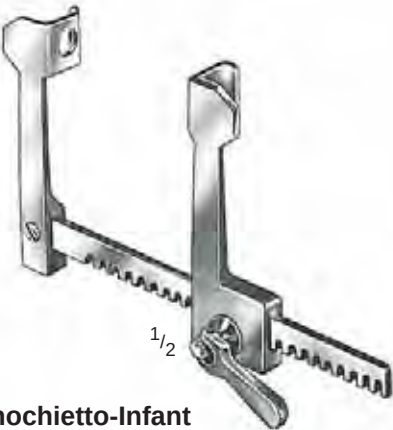
Burford-Finochietto
 44-3250-20
 44-3250-25
 44-3250-30

für Erwachsene
 for adults
 para adultos
 pour adultes

mit 2 Paar auswechselbaren Valven
 with 2 pairs of interchangeable blades
 con 2 pares de valvas removibles
 avec 2 paires de valves interchangeables

	1. Paar auswechselbare Valven 1. pair of interchangeable blades 1. par de valvas removibles 1. paire de valves interchangeables		2. Paar auswechselbare Valven 2. pair of interchangeable blades 2. par de valvas removibles 2. paire de valves interchangeables		Spreizweite blade opening abertura total écartement total
	A	B	A	B	C
44-3250-20	65 mm	62 mm	47 mm	62 mm	200 mm, 8"
44-3250-25	65 mm	62 mm	47 mm	62 mm	255 mm, 10"
44-3250-30	65 mm	62 mm	47 mm	62 mm	305 mm, 12"
44-3251-13	48 mm	42 mm	34 mm	42 mm	135 mm, 5 1/4"

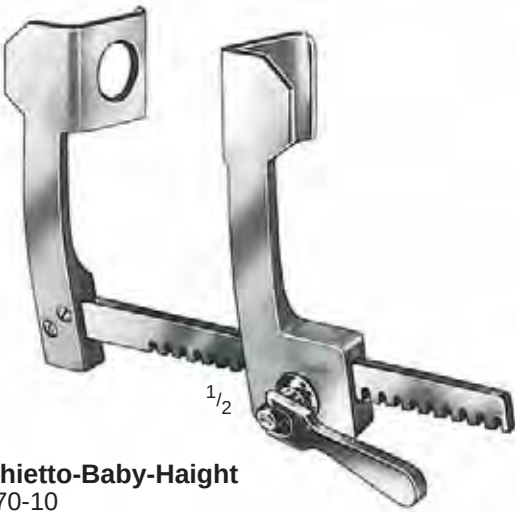
für Säuglinge
for babies
para bebés
pour bébés



Finochietto-Infant
44-3264-75

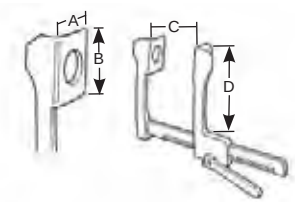
A	B	C
15 mm	15 mm	75 mm

für Kinder
for children
para niños
pour enfants



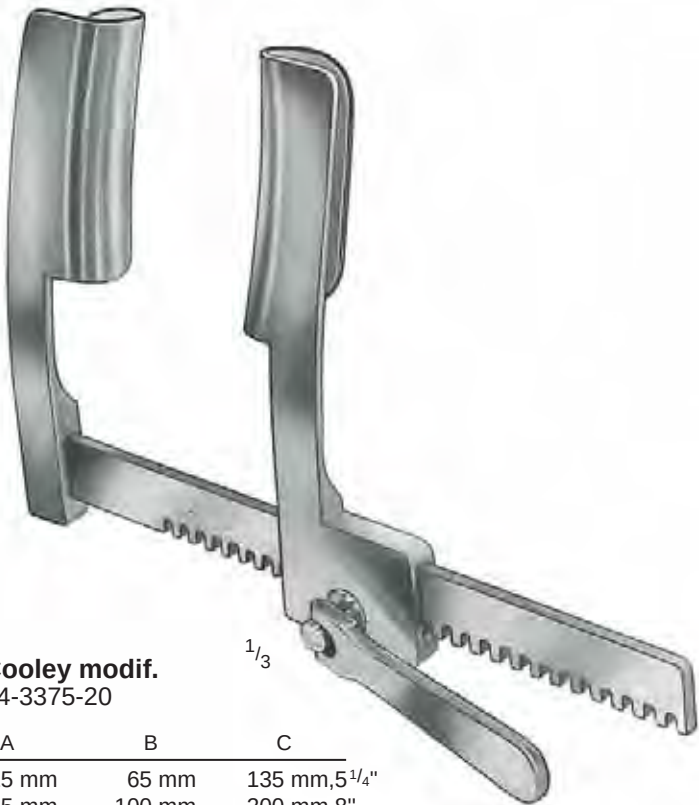
Finochietto-Baby-Haight
44-3270-10

A	B	C
31 mm	31 mm	100 mm



Cooley modif.
44-3375-20

	A	B	C
44-3375-18	15 mm	65 mm	135 mm, 5 1/4"
44-3375-20	35 mm	100 mm	200 mm, 8"





دنده جفت کن

Rippenkonraktoren

Rib Contractors

Aproximadores para costillas

Rapprocheurs des côtes

Rippensperrer und -kontraktor
mit beweglichen ValvenRib Spreader and contractor
with swivel bladesSeparador y contractor costal
con valvas giratoriasRapprocheur et écarteur des
côtes à valves pivotantes

Sternum-Approximator

Sternal Approximator

Aproximador de esternón

Rapprocheur sternal

 $\frac{1}{2}$ **Bailey-Baby**14,5 cm/5 $\frac{3}{4}$ "
44-3400-14 $\frac{1}{2}$ **Bailey**

Short Claws

16 cm/6 $\frac{1}{4}$ " 20 cm/8"
44-3400-16 44-3400-20 $\frac{1}{2}$ **Bailey-Gibbon**

Long Claws

16 cm/6 $\frac{1}{4}$ "
44-3410-16 $\frac{1}{2}$ **Sellers**19 cm/7 $\frac{1}{2}$ "
44-3460-20 $\frac{1}{2}$ **Lemmon**44-3470-14 14 cm/5 $\frac{1}{2}$ "
44-3470-18 18 cm/7"

Tourniquets
Tourniquets
Torniquetes
Tourniquets



Stilett
Eyed Stilette
Estilete con ojal
Stylet
44-3750-82

ohne Raste
without catch
sin cremallera
sans arrêt

Rumel-Belmont Ø 3,2 mm = 44-3750-32
30 cm/12" Ø 6,4 mm = 44-3750-64



Stilett
Eyed Stilette
Estilete con ojal
Stylet
44-3750-82

mit Raste
with catch
con cremallera
avec arrêt

Rumel-Belmont Ø 3,2 mm = 44-3752-32
30 cm/12" Ø 6,4 mm = 44-3752-64



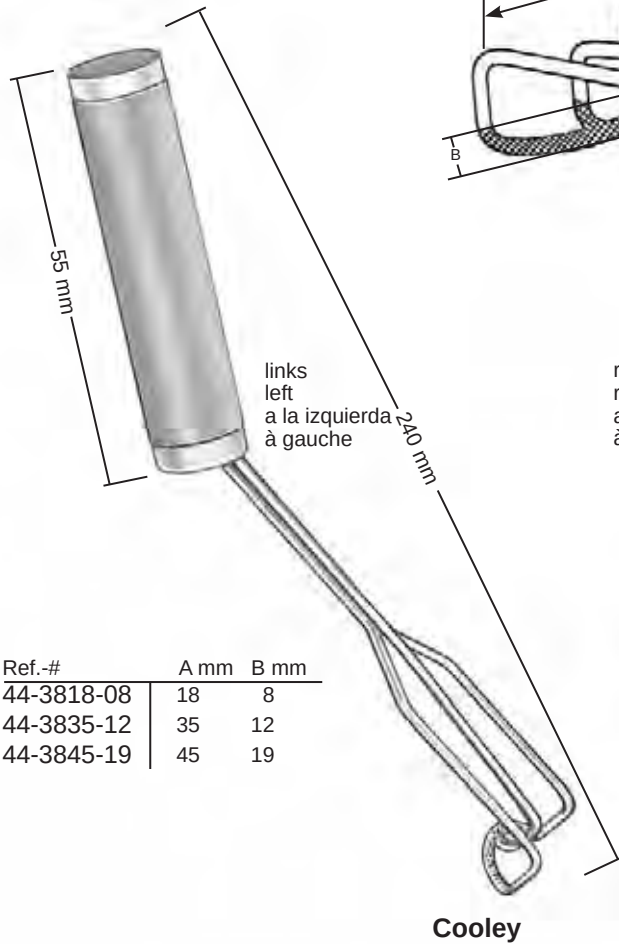
جراحی قلب و عروق

Cardiovascular-Chirurgie
Cardiovascular Surgery
Cirugía Cardiovascular
Chirurgie Cardio-Vasculaire

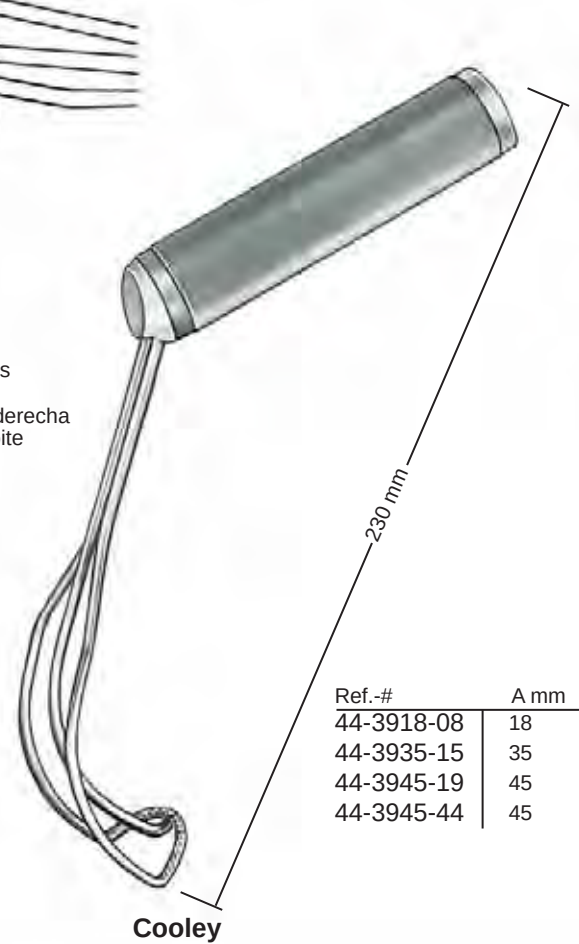
اکارتور دریچه

Herzdilatatoren
Valve Dilators
Dilatadores de aorta
Dilatateurs aortiques

Atrium-Haken
Atrial Retractors
Separadores atriales
Ecarteurs atrials



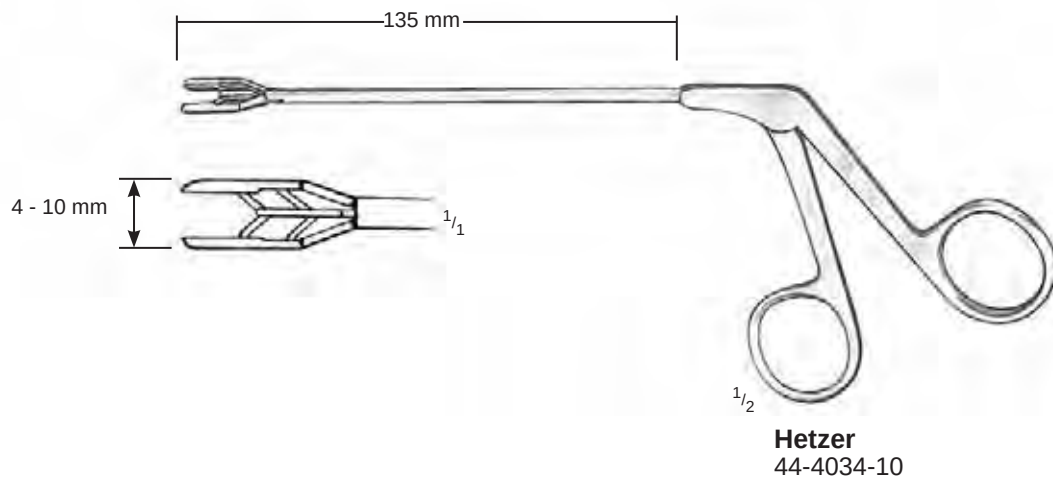
Ref.-#	A mm	B mm
44-3818-08	18	8
44-3835-12	35	12
44-3845-19	45	19

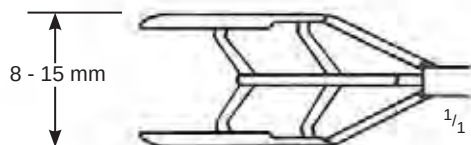


Ref.-#	A mm	B mm
44-3918-08	18	8
44-3935-15	35	15
44-3945-19	45	19
44-3945-44	45	44

اکارتور دریچه

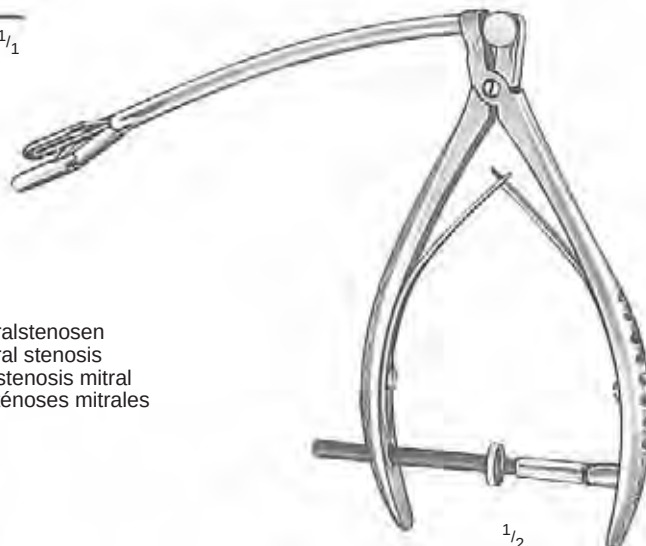
Herzdilatatoren
Valve Dilators
Dilatadores de aorta
Dilatateurs aortiques



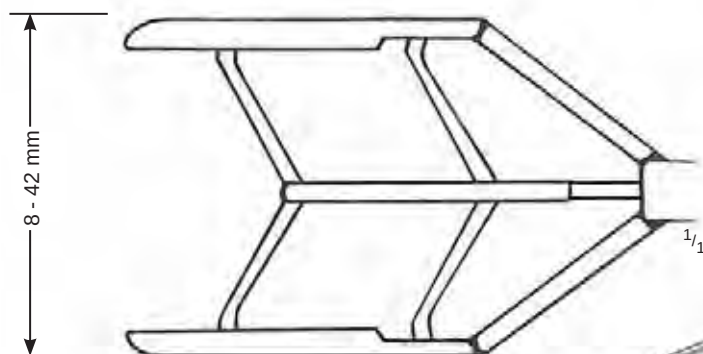


Spreizweite 8-15 mm, mit Gewindesperre
spreading 8-15 mm, with thread fixation
abertura 8-15 mm, con fijación de rosca
ouverture 8-15 mm, avec fixation filetée

für Mitralkstenosen
for mitral stenosis
para estenosis mitral
pour sténoses mitrales

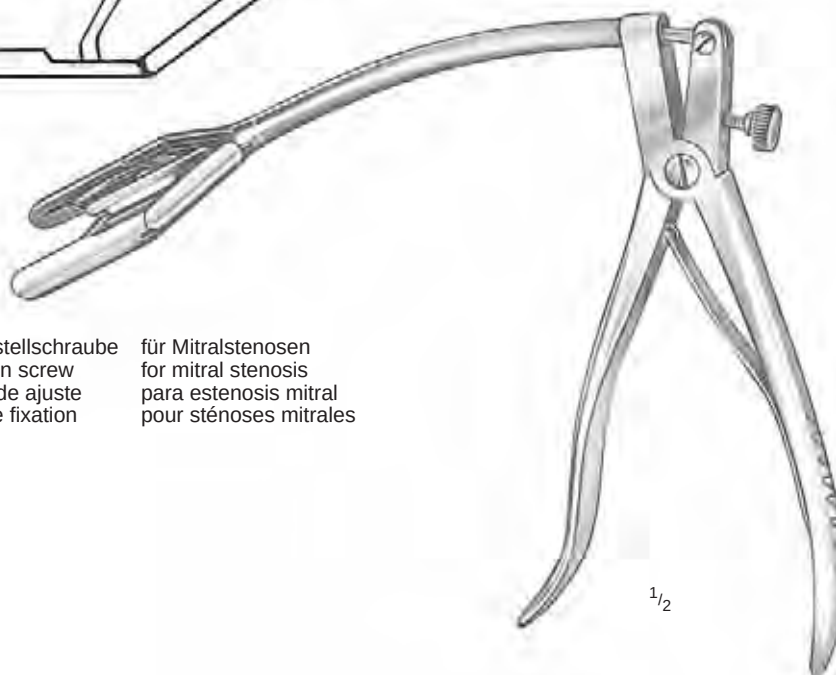


Cooley
44-4046-15



Spreizweite 8-42 mm, mit Feststellschraube
spreading 8-42 mm, with fixation screw
abertura 8-42 mm, con tornillo de ajuste
ouverture 8-42 mm, avec vis de fixation

für Mitralkstenosen
for mitral stenosis
para estenosis mitral
pour sténoses mitrales



Tubbs
44-4069-45

Gefäßdilatoren
 Vascular Dilators
 Dilatadores vasculares
 Dilatateurs vasculaires

biegsam
 malleable
 maleable
 malléable

**Garrett**

14 cm/5 1/2"
 21 cm/8 1/4"

1/1



1 mm



1,5 mm



2 mm



2,5 mm



3 mm

14 cm/5 1/2"	25-5714-10	25-5714-15	25-5714-20	25-5714-25	25-5714-30
21 cm/8 1/4"	25-5721-10	25-5721-15	25-5721-20	25-5721-25	25-5721-30

1/1



3,5 mm



4 mm



4,5 mm



5 mm

14 cm/5 1/2"	25-5714-35	25-5714-40	25-5714-45	25-5714-50
21 cm/8 1/4"	25-5721-35	25-5721-40	25-5721-45	25-5721-50

Satz komplett
 Set complete
 Juego completo
 Jeu complet

14 cm/5 1/2"
 25-5714-00

Satz komplett
 Set complete
 Juego completo
 Jeu complet

21 cm/8 1/4"
 25-5721-00

biegsam
 malleable
 maleable
 malléable



1/2

DeBakey

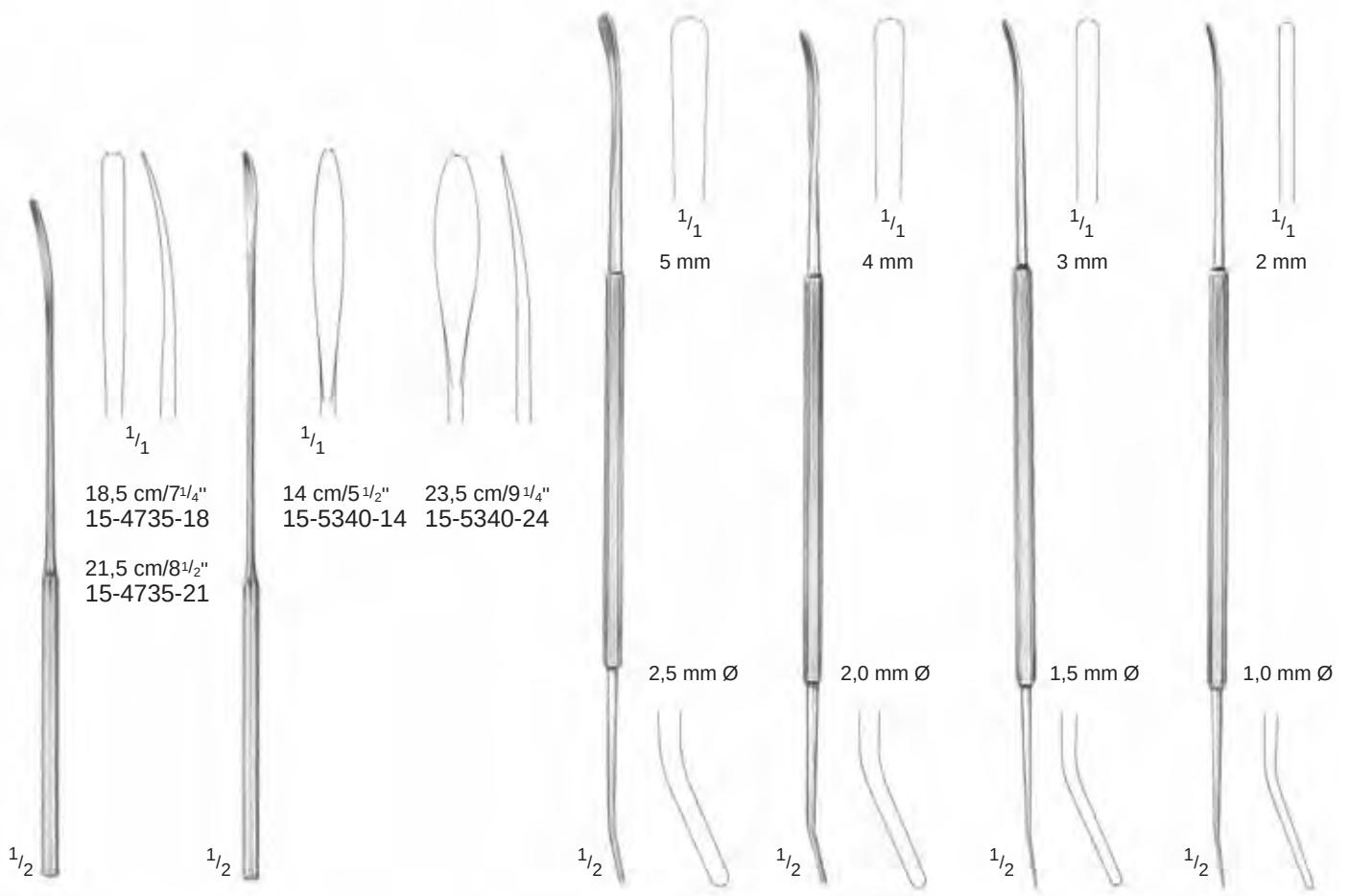
19 cm/7 1/2"

1/1

0,5 mm
25-5819-051,0 mm
25-5819-101,5 mm
25-5819-152,0 mm
25-5819-202,5 mm
25-5819-253,0 mm
25-5819-30

1/1

3,5 mm
25-5819-354,0 mm
25-5819-404,5 mm
25-5819-455,0 mm
25-5819-507,0 mm
25-5819-709,0 mm
25-5819-90



Intimaspatel
Intima Spatula
Espátula para la íntima
Spatule pour la tunique interne

stumpf
blunt
romo
mousse

Robb
Fig. 1
24 cm/9 1/2"
15-5425-24

Robb
Fig. 2
24 cm/9 1/2"
15-5402-24

Robb
Fig. 3
24 cm/9 1/2"
15-5415-24

Robb
Fig. 4
24 cm/9 1/2"
15-5401-24



پنس بولداگ میکرو عروقی

Atrauma Mikro-Bulldogklemmen

Atrauma Micro Bulldog Clamps

Micro-Clamps Bulldog con bocas Atrauma

Micro-Clamps Bulldog à mors Atrauma



Mikro-Bulldogklemmen
Micro Bulldog Clamps
Micro-Clamps Bulldog
Micro-Clamps Bulldog

DeBakey-Diethrich

1/1



44-4101-50 44-4101-55 44-4101-60

Länge Length Largo Longueur	50 mm	55 mm	60 mm
Maul Jaws Boca Mors	10 mm	14 mm	20 mm
Gewicht Weight Peso. Poids	3gr.	3gr.	3gr.
Druck Pressure Presión Pression	180gr.	180gr.	180gr.

1/1

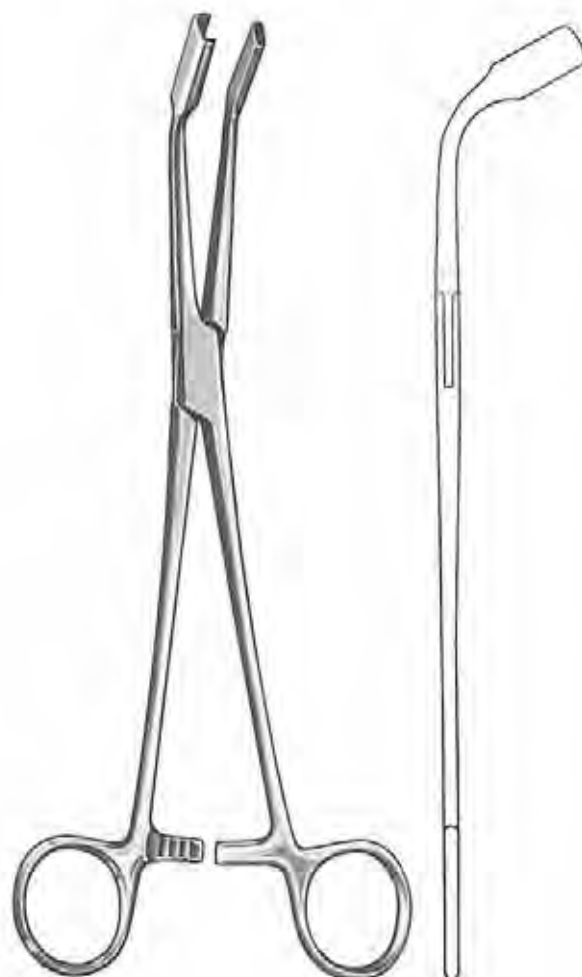


44-4102-50 44-4102-51 44-4102-55 44-4103-55

Länge Length Largo Longueur	50 mm	50 mm	55 mm	55 mm
Maul Jaws Boca Mors	10 mm	14 mm	20 mm	20 mm
Gewicht Weight Peso. Poids	3gr.	3gr.	3gr.	3gr.
Druck Pressure Presión Pression	180gr.	180gr.	180gr.	180gr.



Anlegezange für Bulldogklemmen
Applying Forceps for Bulldog Clamps
Pinza para poner las clamps Bulldog
Pince pour poser les clamps Bulldog



Johns-Hopkins

23 cm/9"
44-4105-23

پنس بولداگ کوچک
Mini-Bulldogklemmen
Mini Bulldog Clamps
Mini-Clamps Bulldog
Mini-Clamps Bulldog



	44-4107-49	44-4107-54	44-4107-61
Länge Length Largo Longueur	49 mm	54 mm	61 mm
Maul Jaws Boca Mors	13 mm	18 mm	25 mm

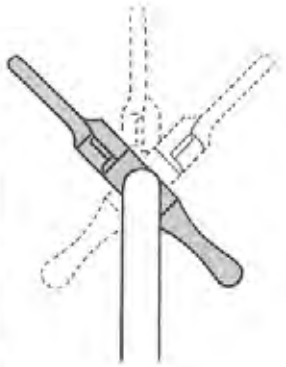


Wickham Mini

Gewicht 3gr.
 Weight
 Peso
 Poids
 Druck 150gr.
 Pressure
 Presión
 Pression

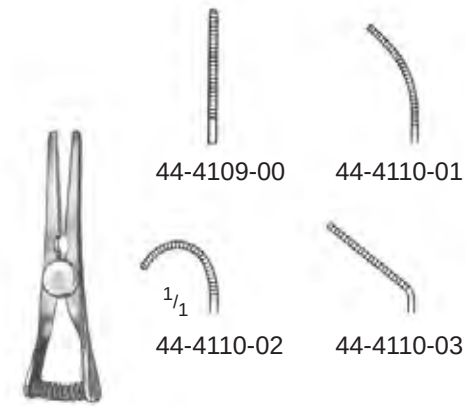


	44-4108-47	44-4108-51	44-4108-55
Länge Length Largo Longueur	47 mm	51 mm	55 mm
Maul Jaws Boca Mors	13 mm	18 mm	25 mm



Wickham
 24 cm/9 1/2"
 44-4112-24

Anlegezange für Bulldogklemmen Wickham Mini
 Applying forceps for Bulldog Clamps Wickham Mini
 Pinza para poner las clamps Bulldog Wickham Mini
 Pince pour poser les clamps Bulldog Wickham Mini



Mini-Glover (Weldon)

Gesamtlänge Overall length (mm)	Maullänge Jaw length (mm)	Gewicht Weight (g)
35	14	12



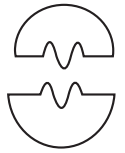
پنس بولداگ عروقی

Atrauma Bulldogklemmen

Atrauma Bulldog Clamps

Clamps Bulldog con bocas Atrauma

Clamps Bulldog à mors Atrauma



DeBakey

$\frac{1}{1}$

	44-4120-08	44-4120-09	44-4120-10	44-4120-12
Gesamtlänge Overall length	80 mm	90 mm	105 mm	124 mm
Maullänge Jaw length	25 mm	35 mm	50 mm	68 mm
Gewicht Weight	10gr.	11gr.	12gr.	14gr.



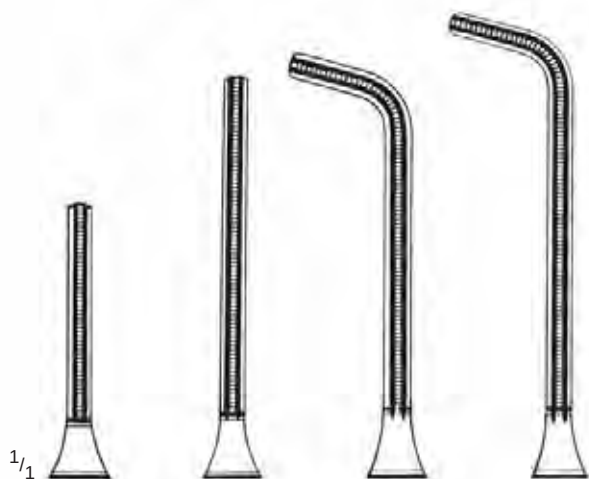
DeBakey

$\frac{1}{1}$

	44-4121-08	44-4121-09	44-4121-10	44-4121-12
Gesamtlänge Overall length	78 mm	86 mm	97 mm	114 mm
Maullänge Jaw length	23 mm	31 mm	42 mm	58 mm
Gewicht Weight	10gr.	11gr.	12gr.	14gr.

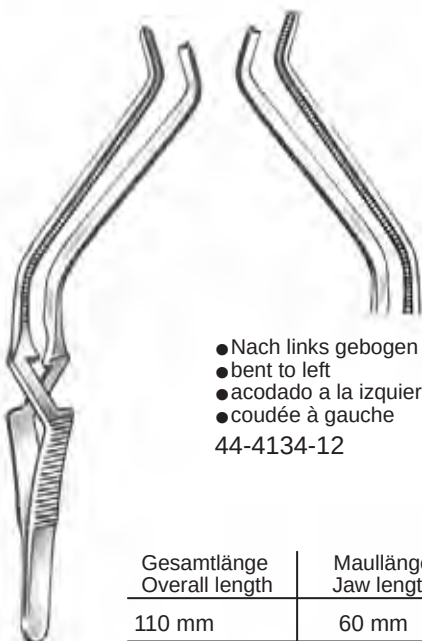


Gregory "Soft" Carotis Bulldogklemmen
Gregory "Soft" Carotid Bulldog Clamps

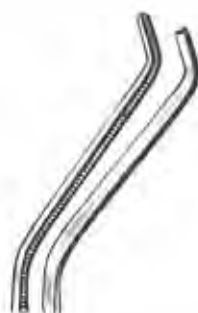


	44-4130-09	44-4130-11	44-4132-10	44-4132-11
Gesamtlänge Overall length	90 mm	110 mm	105 mm	110 mm
Maullänge Jaw length	27 mm	44 mm	55 mm	60 mm
Gewicht Weight	11gr.	12gr.	12gr.	12gr.

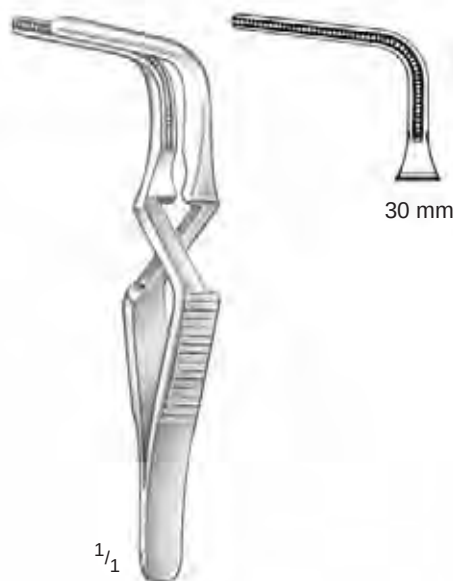
Modifizierte Gregory "Soft" Bulldogklemmen
Modified Gregory "Soft" Bulldog Clamps



- Nach links gebogen
 - bent to left
 - acodado a la izquierda
 - coudée à gauche
- 44-4134-12



- Nach rechts gebogen
 - bent to right
 - acodado a la derecha
 - coudée à droite
- 44-4134-13



1/1

Santulli
7 cm/2 3/4"
44-4136-70



پنس بولداگ عروقی

Atrauma Bulldogklemmen

Atrauma Bulldog Clamps

Clamps Bulldog con bocas Atrauma

Clamps Bulldog à mors Atrauma



Glover

$\frac{1}{1}$

	44-4140-05	44-4140-07	44-4140-09	44-4140-11
Gesamtlänge Overall length	50 mm	68 mm	85 mm	105 mm
Maullänge Jaw length	20 mm	30 mm	43 mm	56 mm
Gewicht Weight	5gr.	9gr.	12gr.	14gr.

Schließdruck einstellbar
Closing pressure adjustable



Glover

$\frac{1}{1}$

	44-4141-05	44-4141-07	44-4141-08	44-4141-10
Gesamtlänge Overall length	46 mm	64 mm	78 mm	100 mm
Maullänge Jaw length	20 mm	30 mm	43 mm	56 mm
Gewicht Weight	5gr.	9gr.	12gr.	14gr.

پنس بولداگ عروقی

Atrauma Bulldogklemmen

Atrauma Bulldog Clamps

Clamps Bulldog con bocas Atrauma

Clamps Bulldog à mors Atrauma



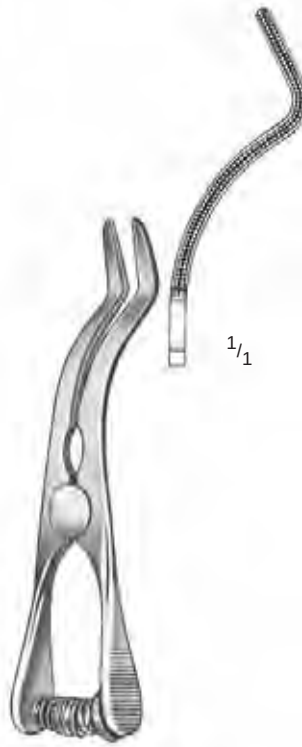
44



Glover
55 mm
44-4141-55



DeBakey-Satinsky
55 mm 44-4145-55
65 mm 44-4145-65



DeBakey-Carotid
90 mm
44-4155-90



DeBakey-Satinsky
100 mm
44-4155-99



پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma



Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pinces pour anastomoses



DeBakey-Glover



21 cm/8 $\frac{1}{4}$ "
44-4201-21



24 cm/9 $\frac{1}{2}$ "
44-4201-24



21 cm/8 $\frac{1}{4}$ "
44-4203-21



26 cm/10 $\frac{1}{4}$ "
44-4203-26



18,5 cm/7 $\frac{3}{4}$ "
44-4205-18



22 cm/8 $\frac{3}{4}$ "
44-4205-22

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

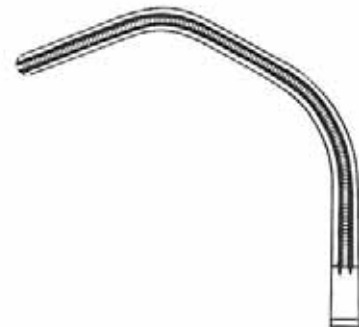
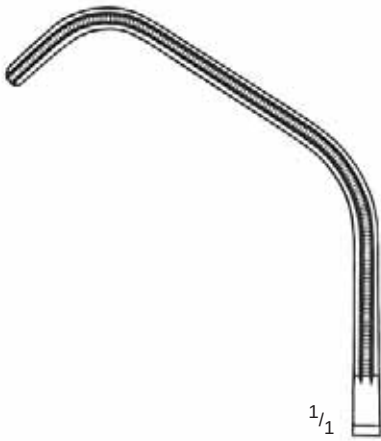
Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma



44

Aortenklappen
Aortic Forceps
Pinzas Aorticas
Pincers à l'aorte



Ochsner
23,5 cm/9¹/₄"
44-4210-23



Liddle
27 cm/10¹/₄"
44-4212-27



Diethrich
21 cm/8¹/₄"
44-4215-21



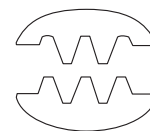
پنس عروقی

Atrauma Gefäßklemmen

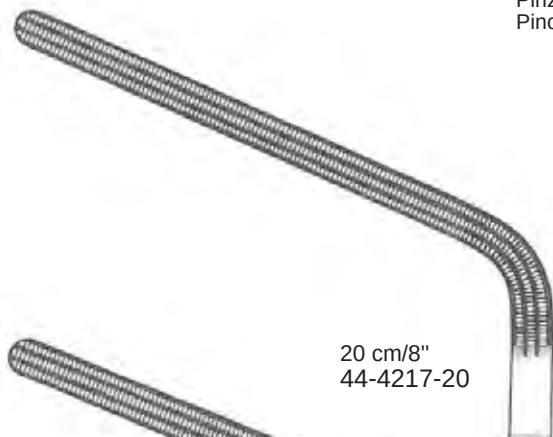
Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

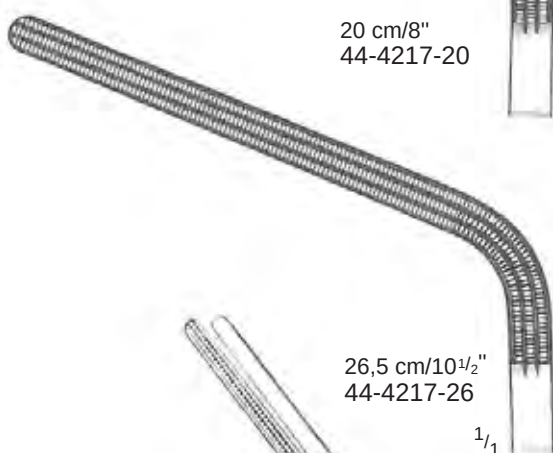
pinces vasculaires à mors Atrauma



Aortenklammern
Aortic Forceps
Pinzas Aorticas
Pinces à l'aorte

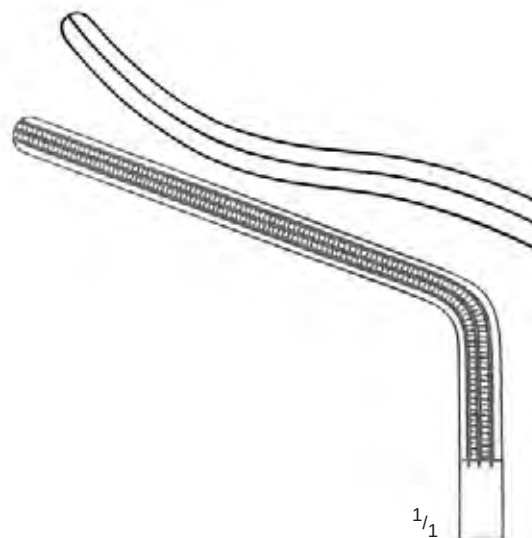


20 cm/8"
44-4217-20



26,5 cm/10 1/2"
44-4217-26

1/1



1/1

Aortenklamme, abgewinkelt, Maul löffelförmig gebogen
Aortic Forceps, angled, cup shaped jaw
Pinza Aortica, angulada, mandíbula en forma de copa
Pince à l'aorte, coudée, en forme de cuiller



DeBakey-Morris



DeBakey
27 cm/10 3/4"
44-4219-27

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

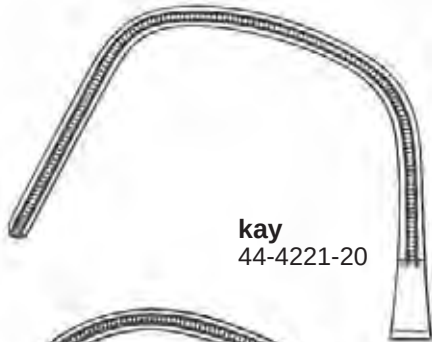
Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma



44

Aortenklemmen
Aortic Forceps
Pinzas Aorticas
Pincers à l'aorte

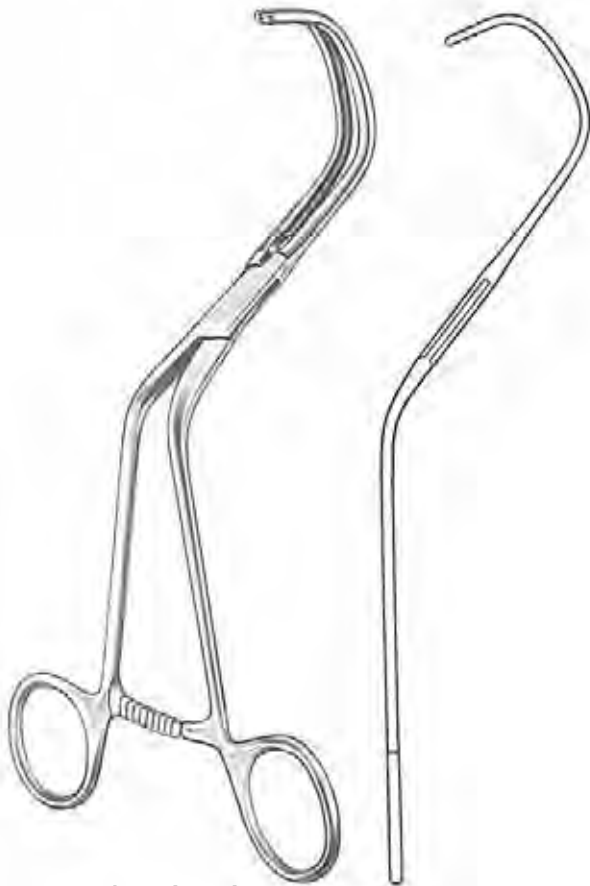


kay
44-4221-20

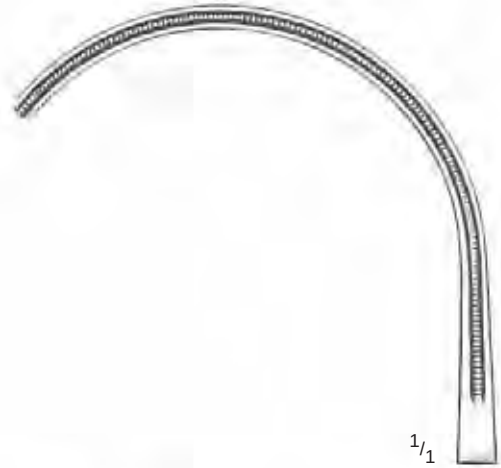


Lambert-kay
44-4221-21

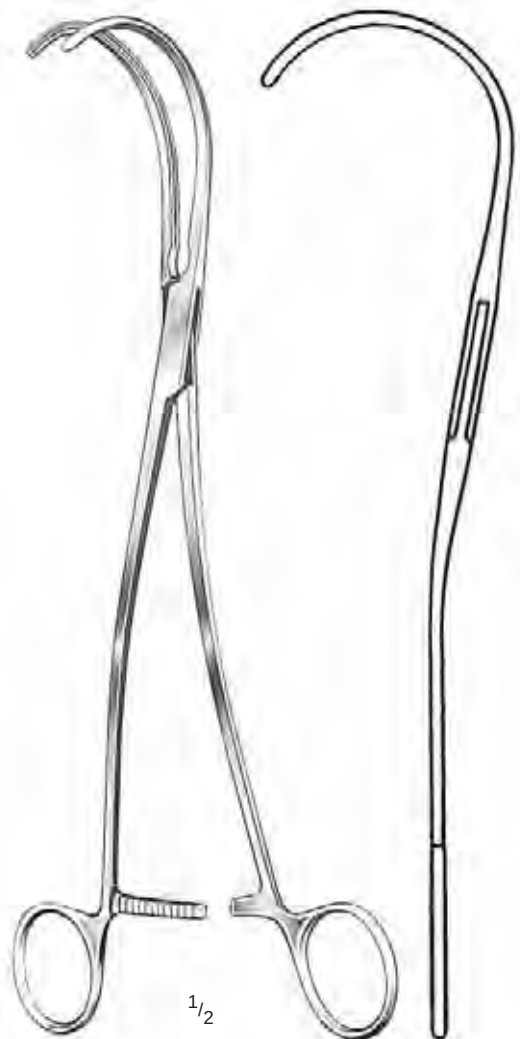
$\frac{1}{1}$



Kay/Lambert-kay
20 cm/8"



$\frac{1}{1}$



$\frac{1}{2}$

DeBakey
26,5 cm/10 $\frac{1}{2}$ "
44-4223-26



پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma

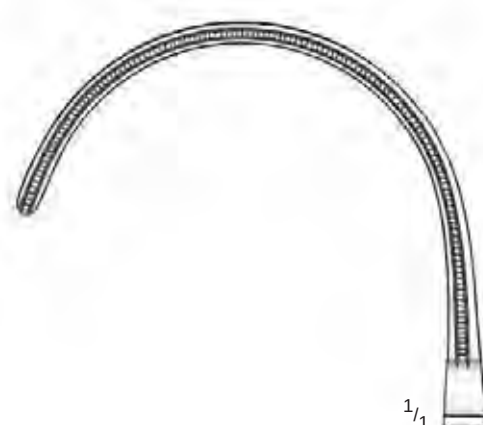


Aortenklemmen

Aortic Forceps

Pinzas Aorticas

Pinces à l'aorte



Links
Left
izquierda
gauche
44-4225-26



Weber
26 cm/10¹/₄"

rechts
right
derecha
droit
44-4226-26

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

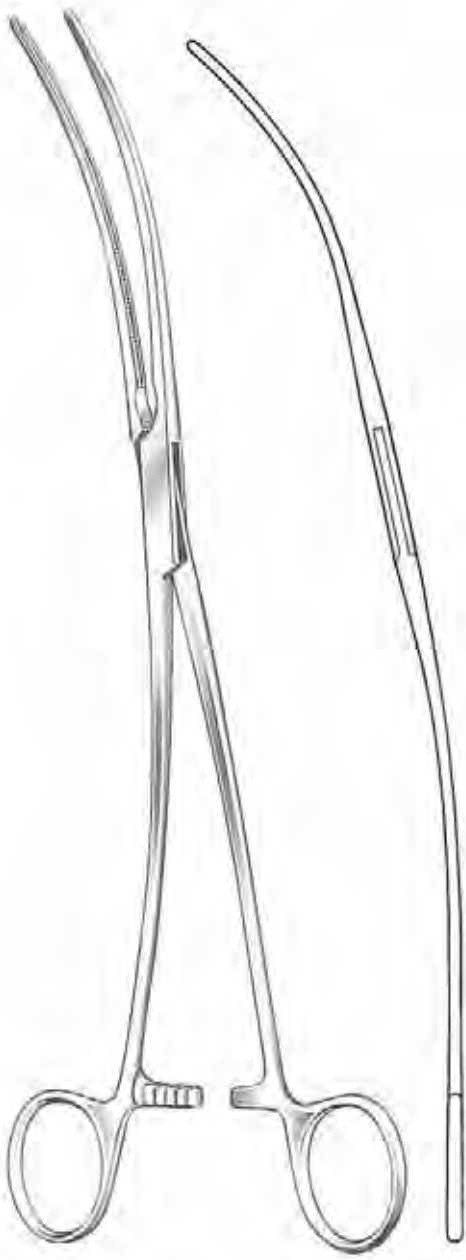
Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma

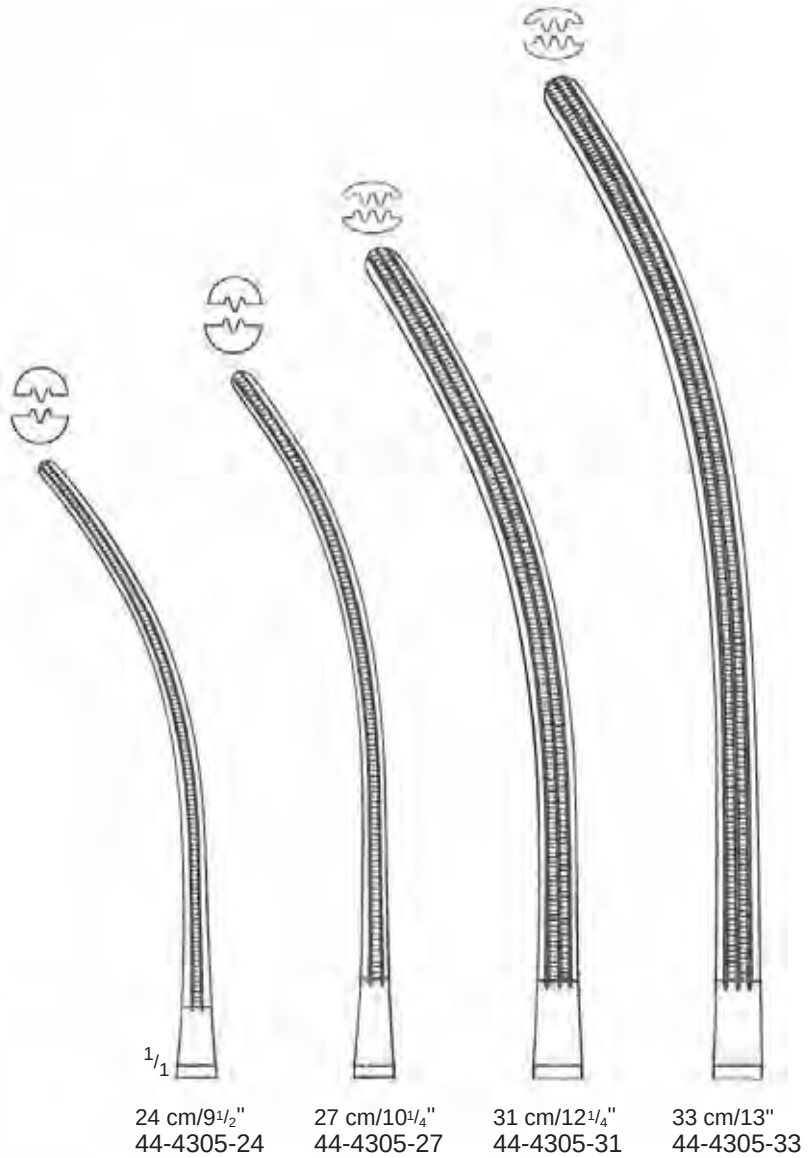


44

Aorten-Aneurysmenklemmen
Aortic Aneurysm Clamps
Pinzas de aneurisma aortica
Pinces pour anevrisme de l'aorte



DeBakey





پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma



Aorten-Aneurysmenklemmen für Arteria iliaca
Aortic Aneurysm Clamps for iliac artery
Pinzas de aneurisma aortica para la arteria iliaca
Pincers pour anevrisme de l'aorte et pour artère iliaque



$\frac{1}{1}$

23,5 cm/9 $\frac{3}{4}$ "
44-4307-24

24,5 cm/9 $\frac{3}{4}$ "
06-4307-25

25,5 cm/10"
44-4307-26

DeBakey-Bahnson

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

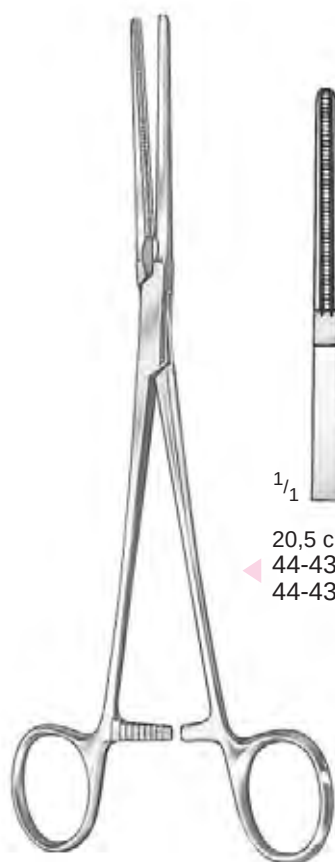
pincers vasculaires à mors Atrauma



44

Patent-Duktusklemmen
Patent Ductus Forceps
Pinzas para el ductus
Pincers pour canal artériel

Coarctationsklemmen
Coarctation Forceps
Pinzas para coartación
Pincers à coarctation



$\frac{1}{1}$

20,5 cm/8"
44-4310-20
44-4311-20

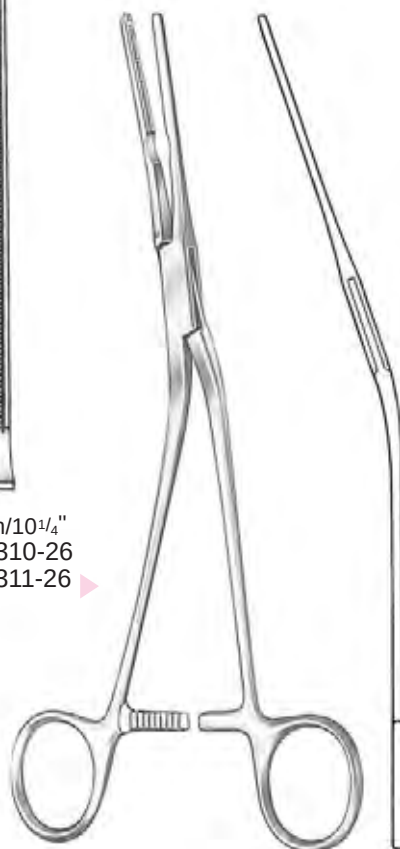
Glover



22 cm/8 $\frac{3}{4}$ "
44-4310-22
44-4311-22



26 cm/10 $\frac{1}{4}$ "
44-4310-26
44-4311-26



Glover



پنس عروقی

Atrauma Gefäßklemmen

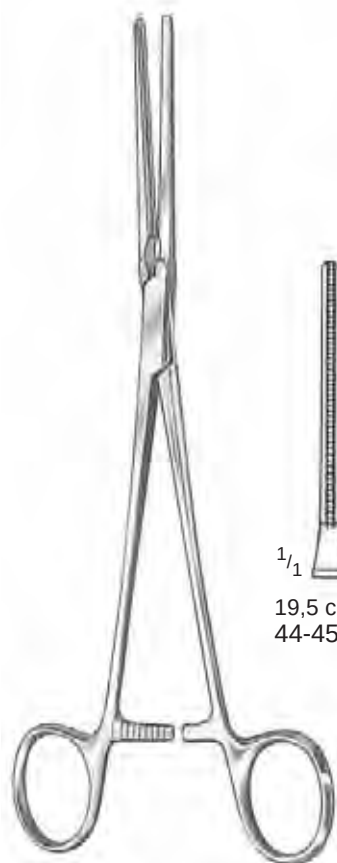
Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma



Peripheralklemmen
Peripheral Vascular Forceps
Pinzas-clamps para vasos periféricos
Pinces pour vaisseaux périphériques

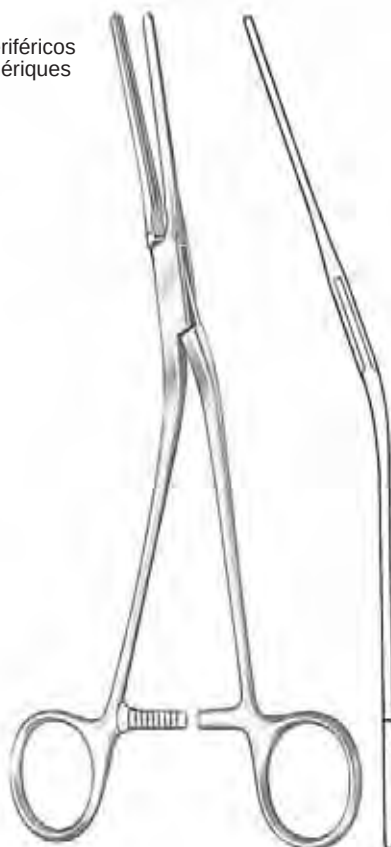
 $\frac{1}{1}$

19,5 cm/7 $\frac{3}{4}$ "
44-4500-19



22 cm/8 $\frac{3}{4}$ "
44-4500-22

DeBakey

 $\frac{1}{1}$

19,5 cm/7 $\frac{3}{4}$ "
44-4501-19



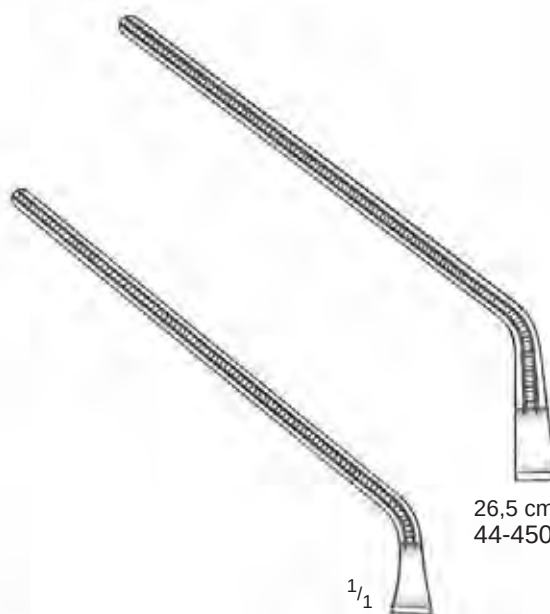
22 cm/8 $\frac{3}{4}$ "
44-4501-22

DeBakey

Auch Patent-Duktusklemmen
Also Patent Ductus Forceps
También pinzas para el ductus
Aussi Pinces pour canal artériel



DeBakey

 $\frac{1}{1}$

19 cm/7 $\frac{1}{2}$ "
44-4503-19

26,5 cm/10 $\frac{1}{2}$ "
44-4503-26

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma

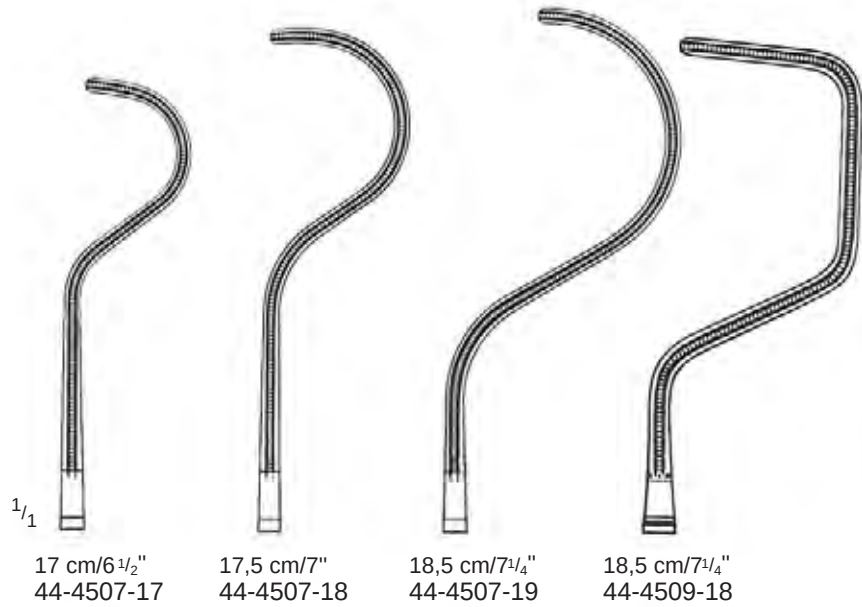


44

Peripheralklemmen
Peripheral Vascular Forceps
Pinzas-clampas para vasos periféricos
Pinces pour vaisseaux périphériques



Dale



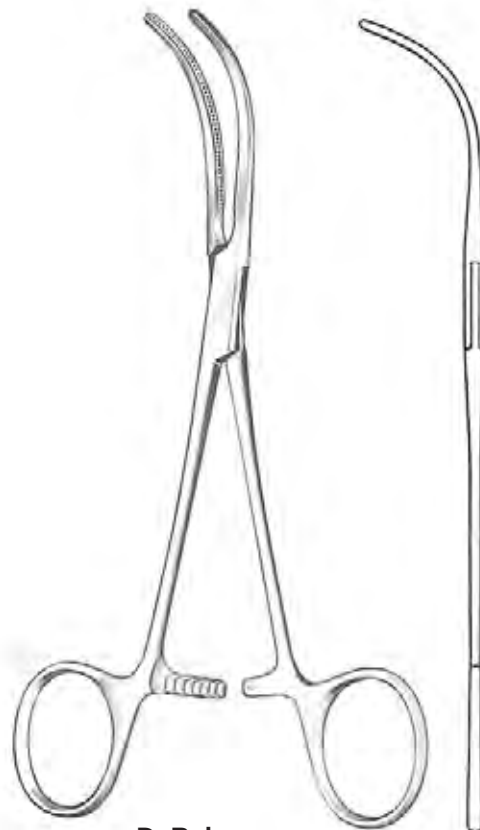
$\frac{1}{1}$

17 cm/6 $\frac{1}{2}$ "
44-4507-17

17,5 cm/7"
44-4507-18

18,5 cm/7 $\frac{1}{4}$ "
44-4507-19

18,5 cm/7 $\frac{1}{4}$ "
44-4509-18



DeBailey
16 cm/6 $\frac{1}{4}$ "
44-4512-16

$\frac{1}{1}$



پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

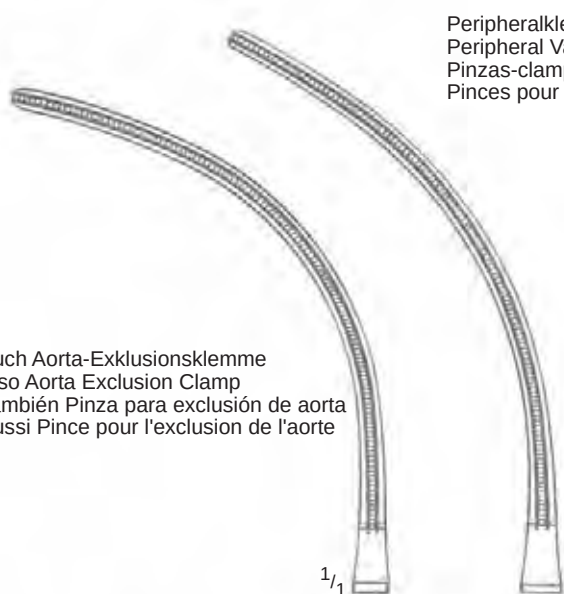
Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma



Peripheralklemmen
Peripheral Vascular Forceps
Pinzas-clamps para vasos periféricos
Pinces pour vaisseaux périphériques

Auch Aorta-Exklusionsklemme
Also Aorta Exclusion Clamp
También Pinza para exclusión de aorta
Aussi Pince pour l'exclusion de l'aorte

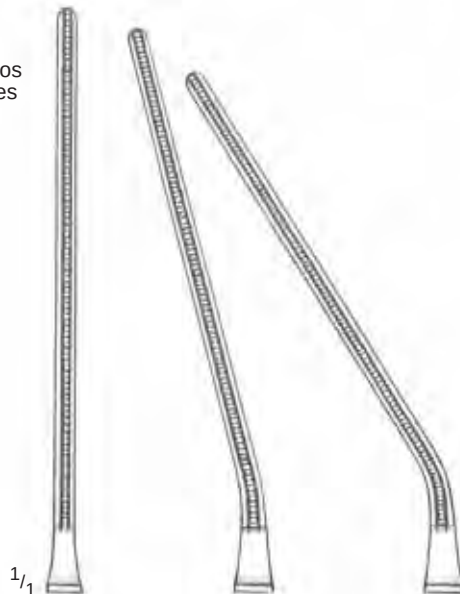
 $\frac{1}{1}$

19 cm/7½"

44-4514-19

20 cm/8"

44-4514-20

 $\frac{1}{1}$

19,5 cm/7¾"

44-4516-19

19,5 cm/7¾"

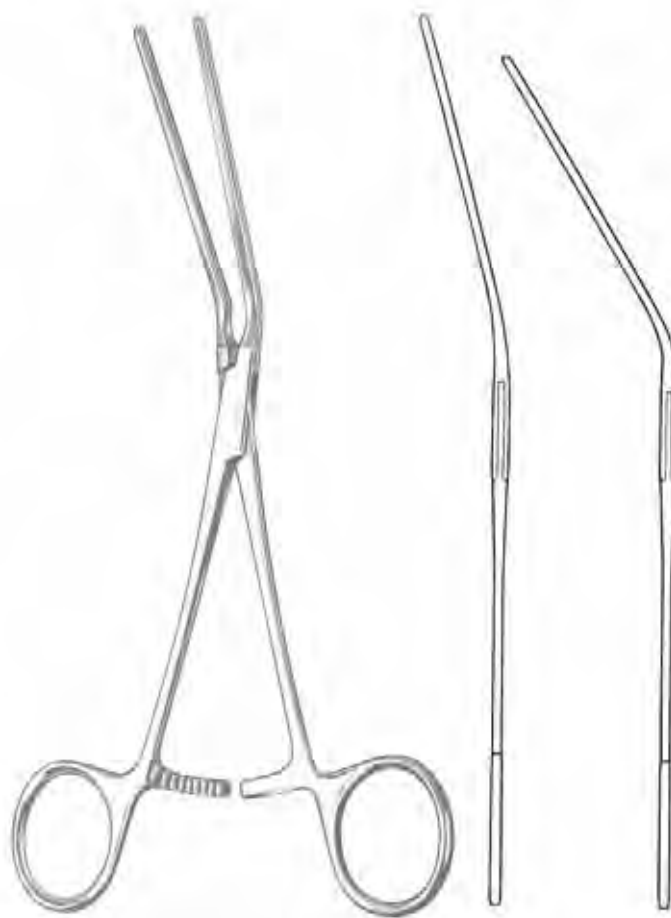
44-4518-20

19,5 cm/7¾"

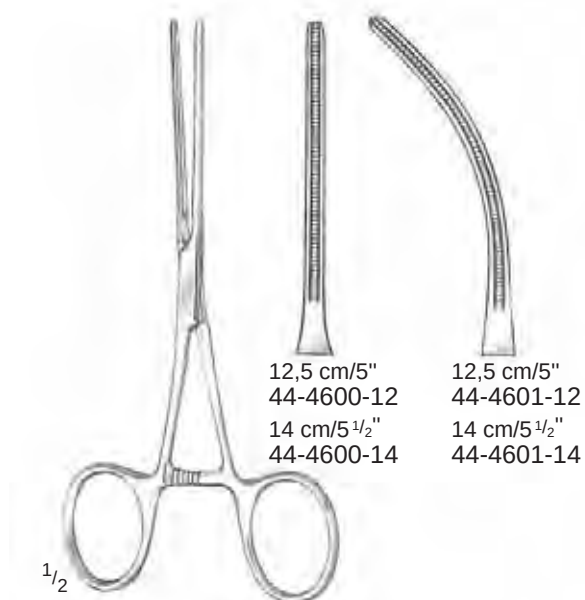
44-4520-20



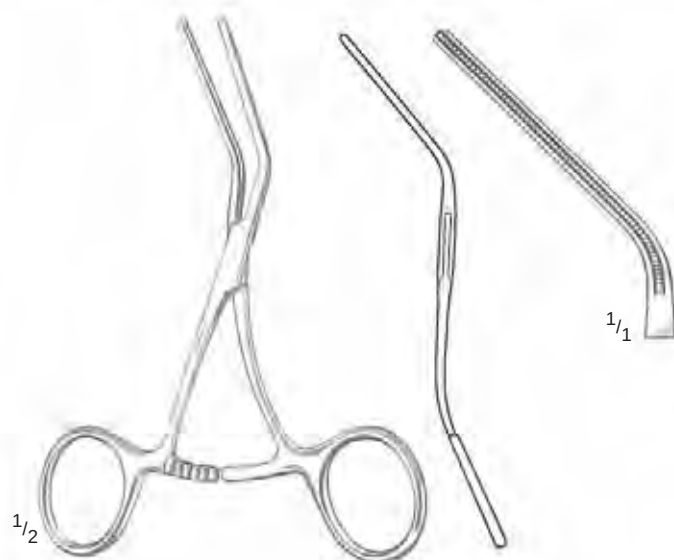
DeBakey



Leland-Jones

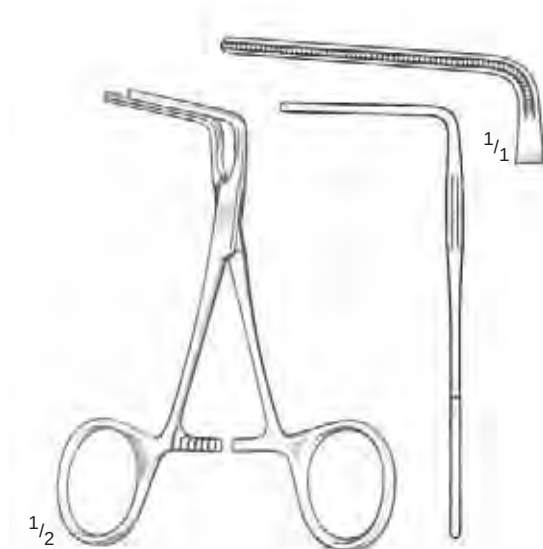


DeBailey



DeBailey

12,5 cm/5"
44-4603-12



DeBailey

10 cm/4"
44-4605-10

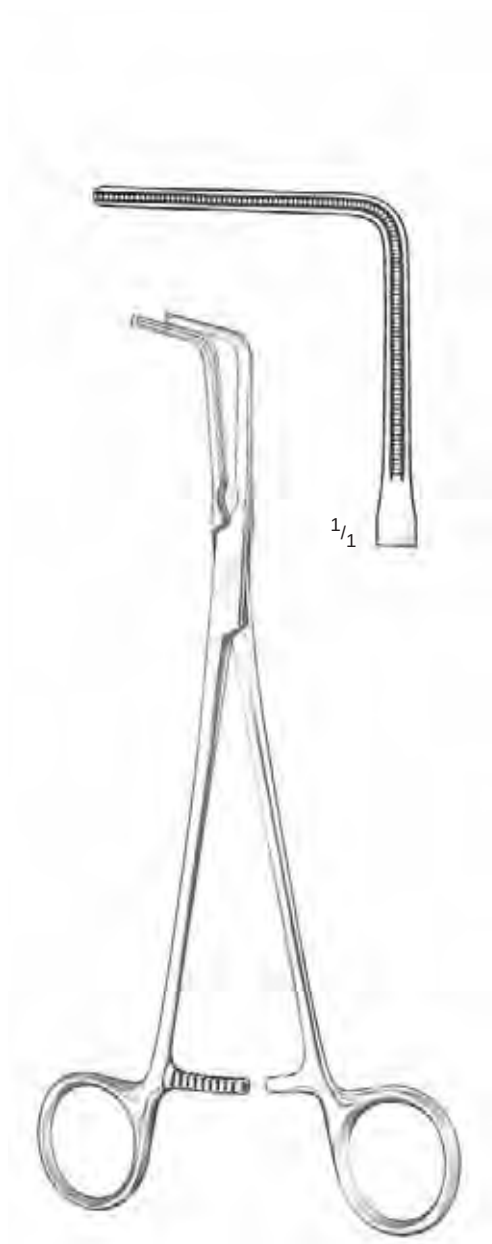


DeBailey

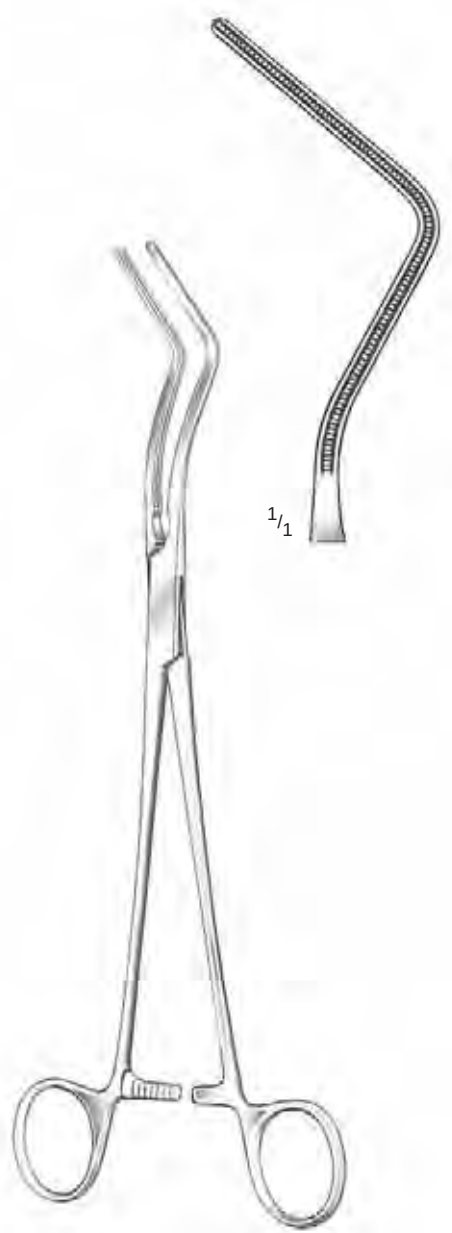
12,5 cm/5" 44-4607-12
16 cm/6 1/4" 44-4607-16



Arterien- und Bronchusklemmen
 Artery and Bronchus Forceps
 Pinzas hemostáticas y pinzas para bronquios
 Pinces hémostatiques et pinces bronchiques



Lees
 23 cm/9"
 44-4610-23



Lees
 25 cm/10"
 44-4612-25

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

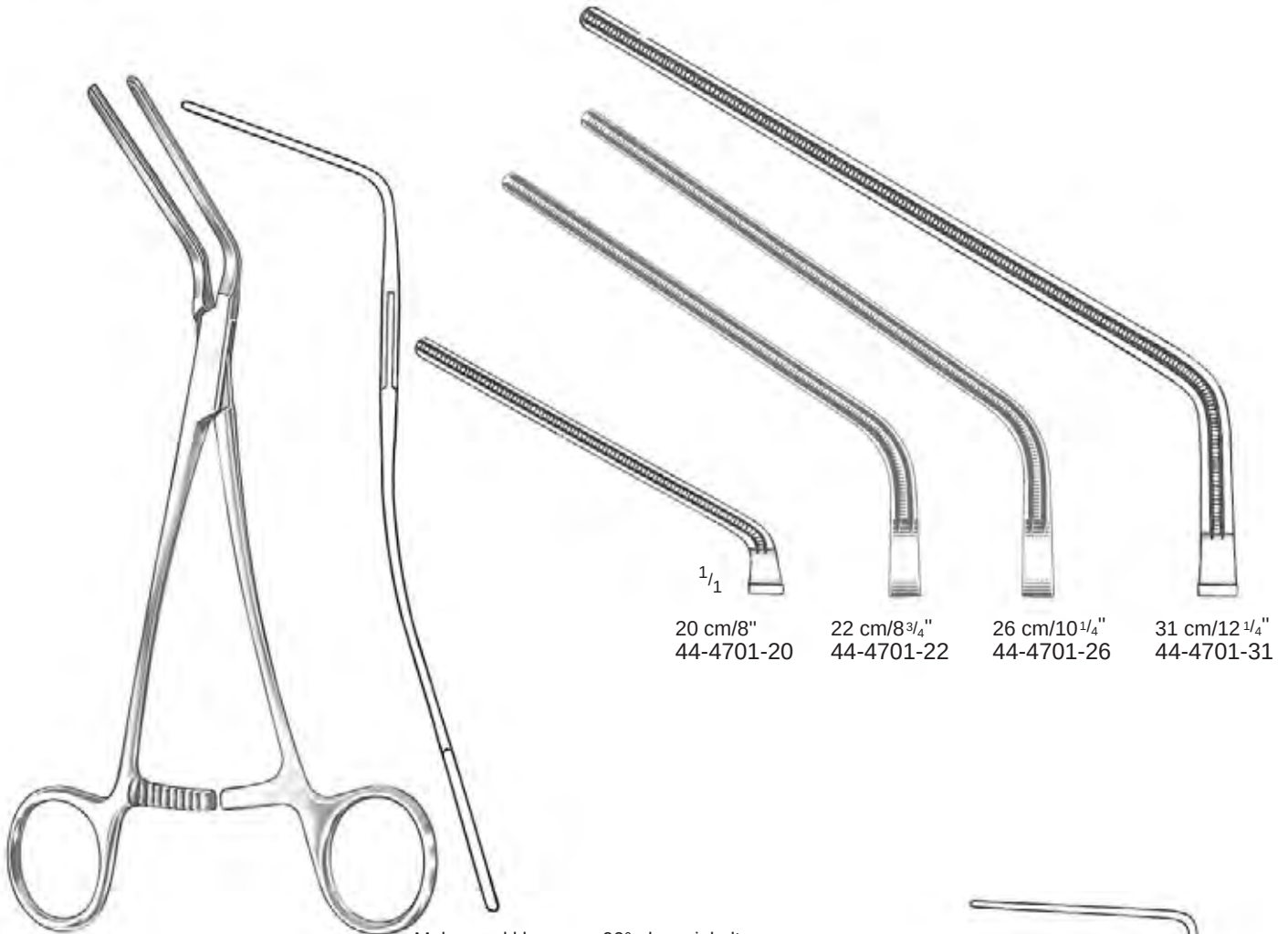
Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma



44

Mehrzweckklemmen, 60° abgewinkelt
Multi Purpose Forceps, angled 60°
Pinzas de multiple propósito, angulada 60°
Pincers pour application universelle, mors coudés à 60°



$\frac{1}{1}$

20 cm/8"
44-4701-20

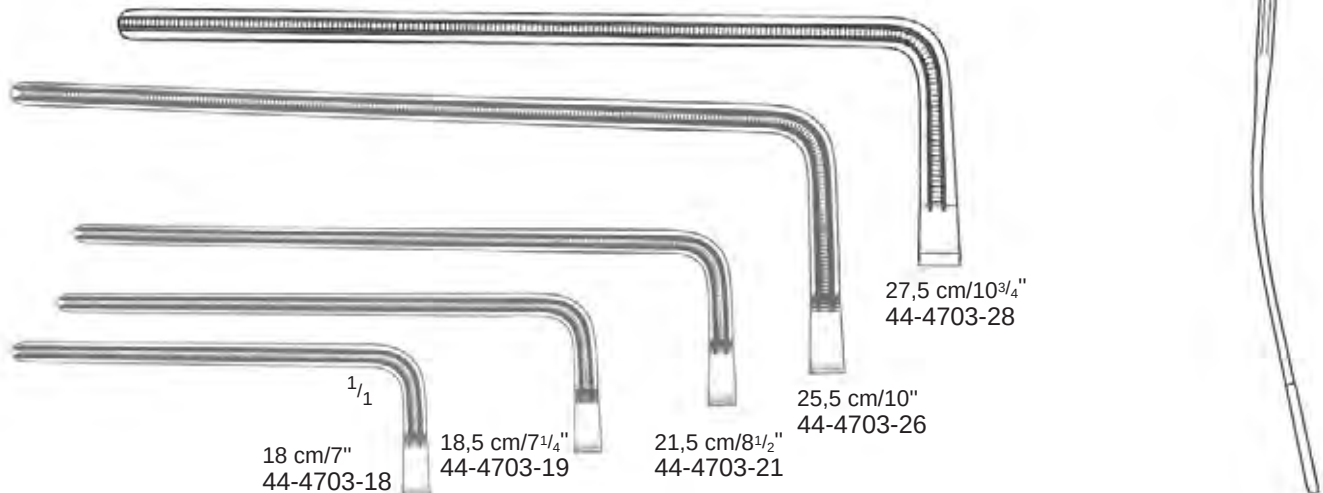
22 cm/8 $\frac{3}{4}$ "
44-4701-22

26 cm/10 $\frac{1}{4}$ "
44-4701-26

31 cm/12 $\frac{1}{4}$ "
44-4701-31

DeBakey

Mehrzweckklemmen, 90° abgewinkelt
Multi Purpose Forceps, angled 90°
Pinzas de multiple propósito, angulada 90°
Pincers pour application universelle, mors coudés à 90°



$\frac{1}{1}$

18 cm/7"
44-4703-18

18,5 cm/7 $\frac{1}{4}$ "
44-4703-19

21,5 cm/8 $\frac{1}{2}$ "
44-4703-21

25,5 cm/10"
44-4703-26

27,5 cm/10 $\frac{3}{4}$ "
44-4703-28



پنس عروقی

Atrauma Gefäßklemmen

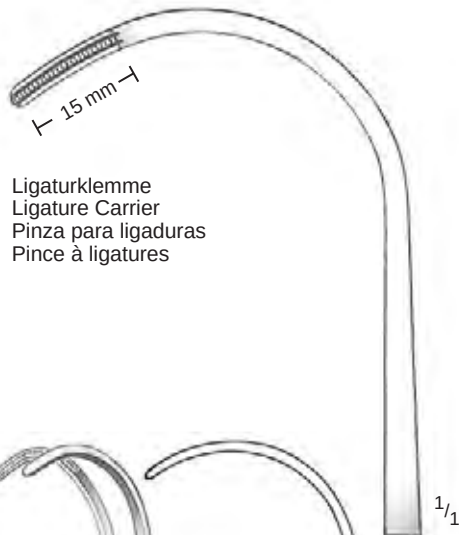
Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma



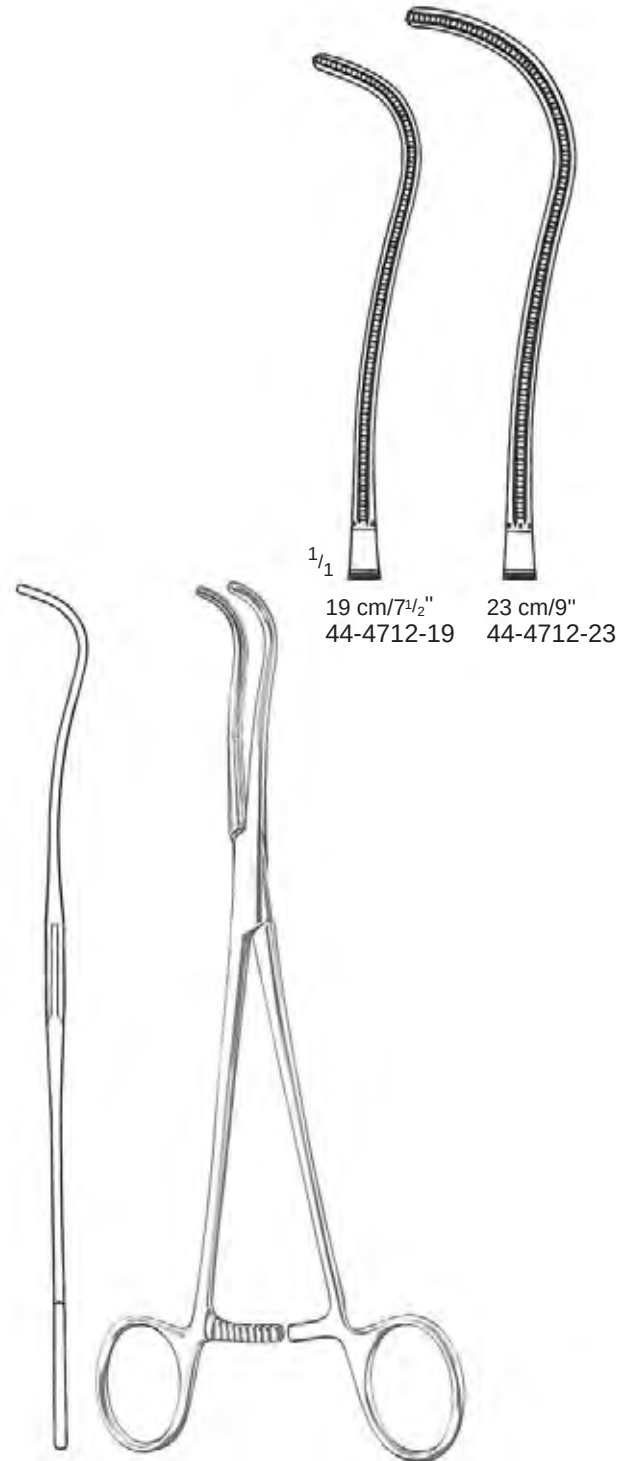
Präparier- und Ligaturklemmen
Dissecting and Ligature Forceps
Pinzas para preparaciones y para ligaduras
Pinces à dissection et à ligatures



Ligaturklemme
Ligature Carrier
Pinza para ligaduras
Pince à ligatures



DeBailey-Semb
25 cm/10"
44-4710-25



DeBailey

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

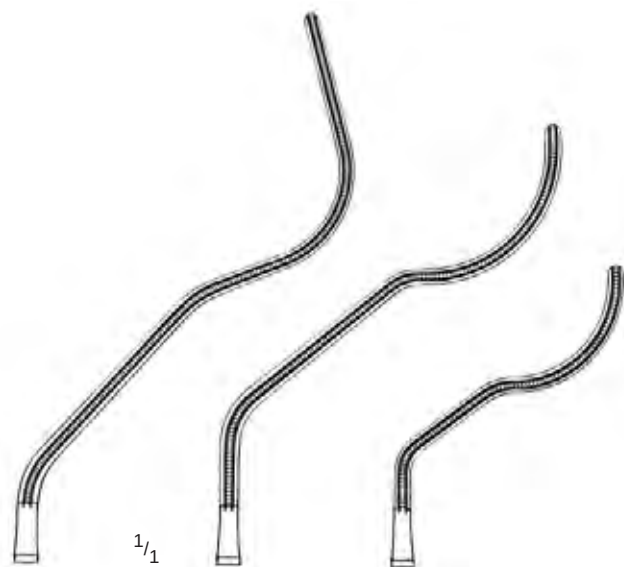
Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma



44

Profundaklemmen
Profunda Clamps



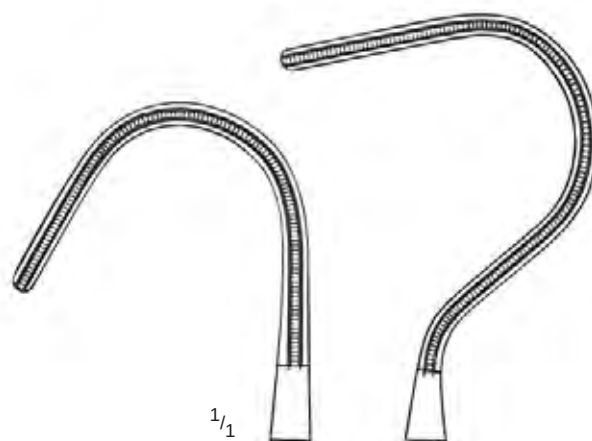
18 cm/7"
44-4714-18

$\frac{1}{1}$

16 cm/6 $\frac{1}{4}$ "
44-4714-16

14 cm/5 $\frac{1}{2}$ "
44-4714-14

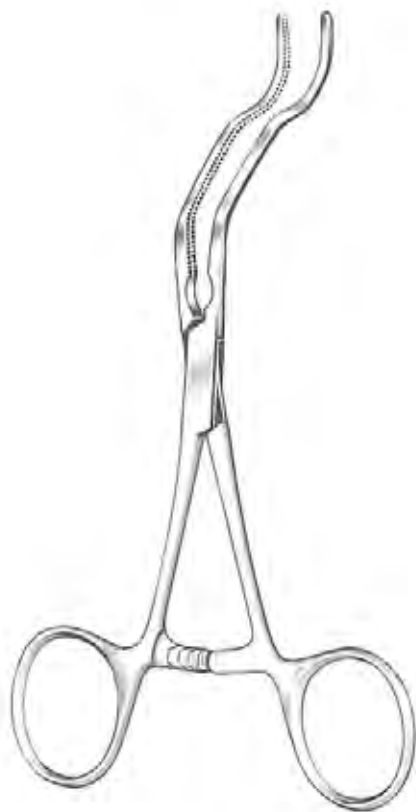
Tangential-Verschlussklemmen
Tangential Occlusion Forceps
Pinzas tangentes de oclusión
Pincers vasculaires pour occlusion tangentielle



$\frac{1}{1}$

21 cm/8 $\frac{1}{4}$ "
44-4718-21

22 cm/8 $\frac{3}{4}$ "
44-4718-22



Gregory



Wylie "J"



پنس عروقی

Atrauma Gefäßklemmen

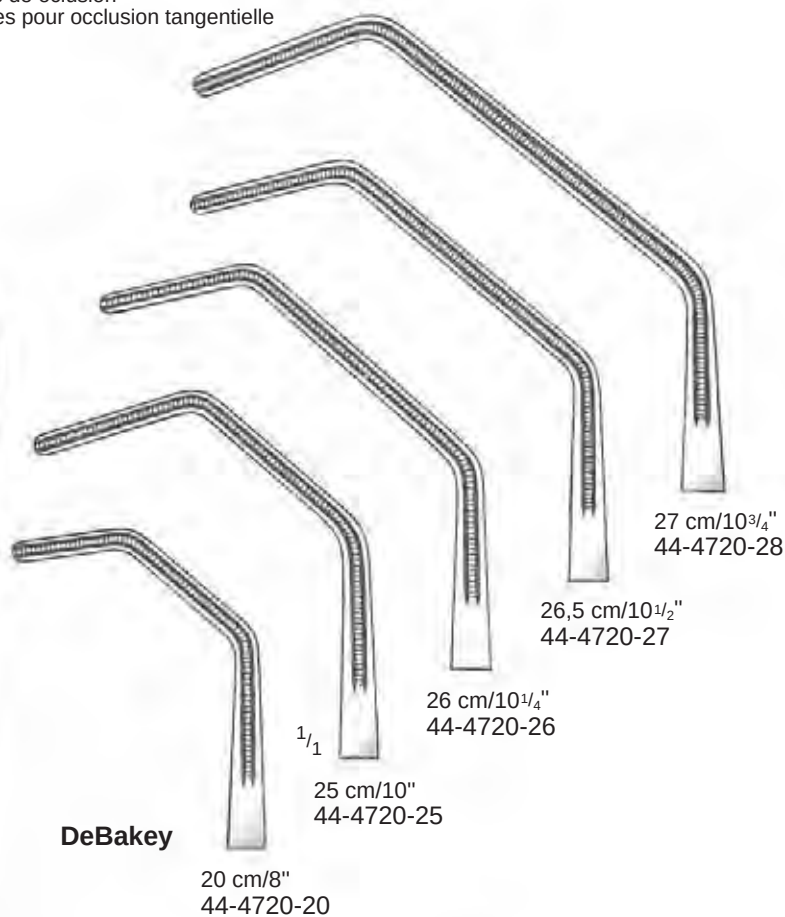
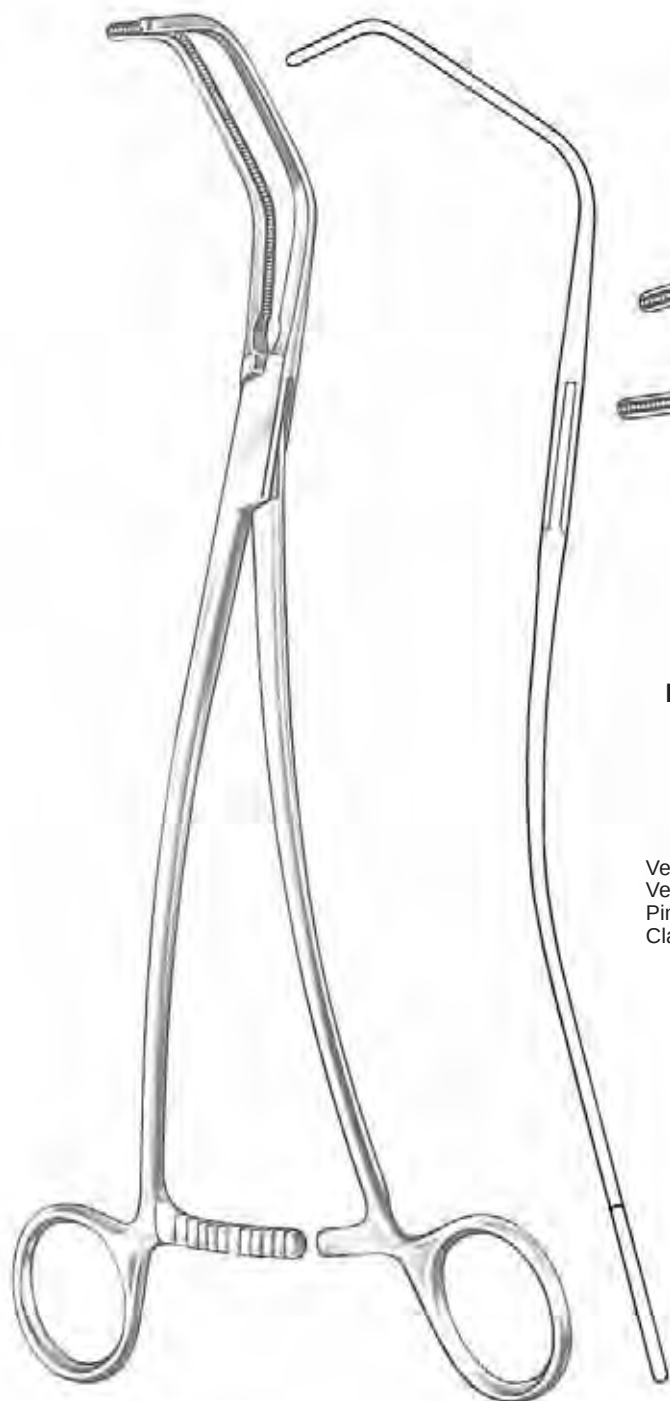
Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma

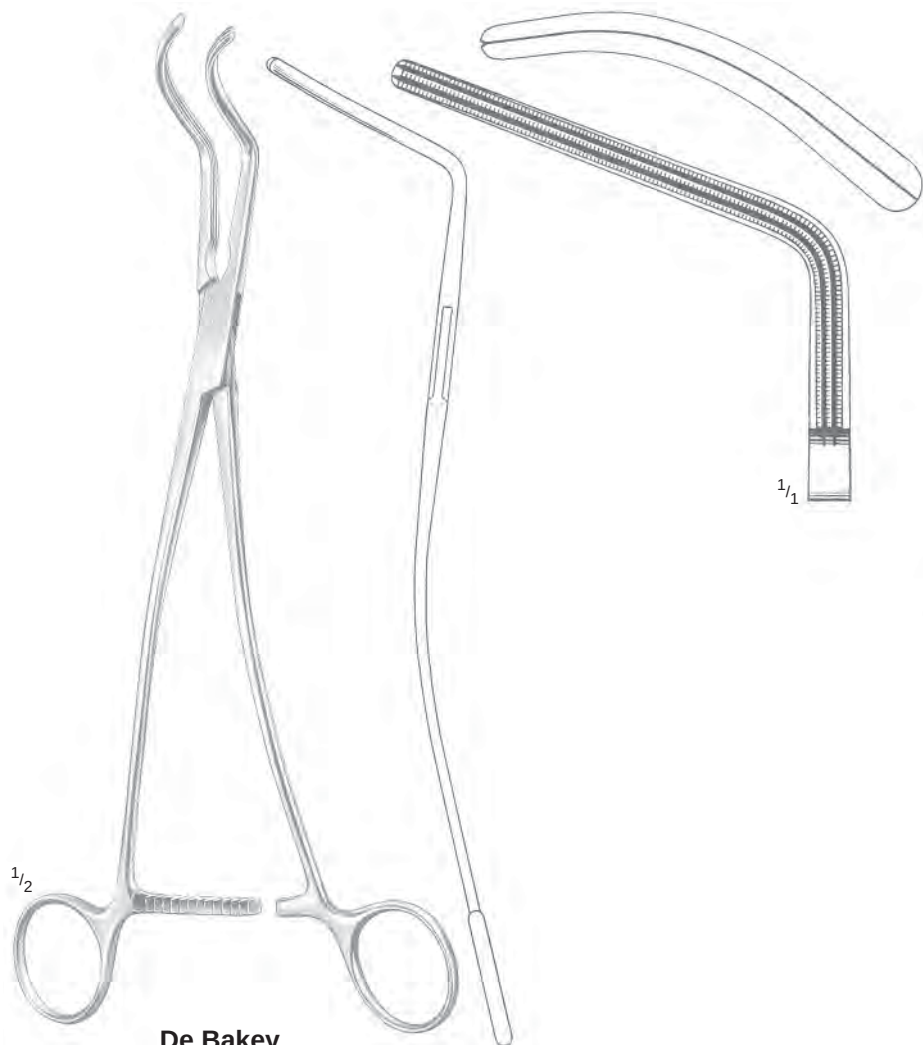


Tangential-Verschlußklemmen
Tangential Occlusion Forceps
Pinzas tangentes de oclusión
Pincers vasculaires pour occlusion tangentielle

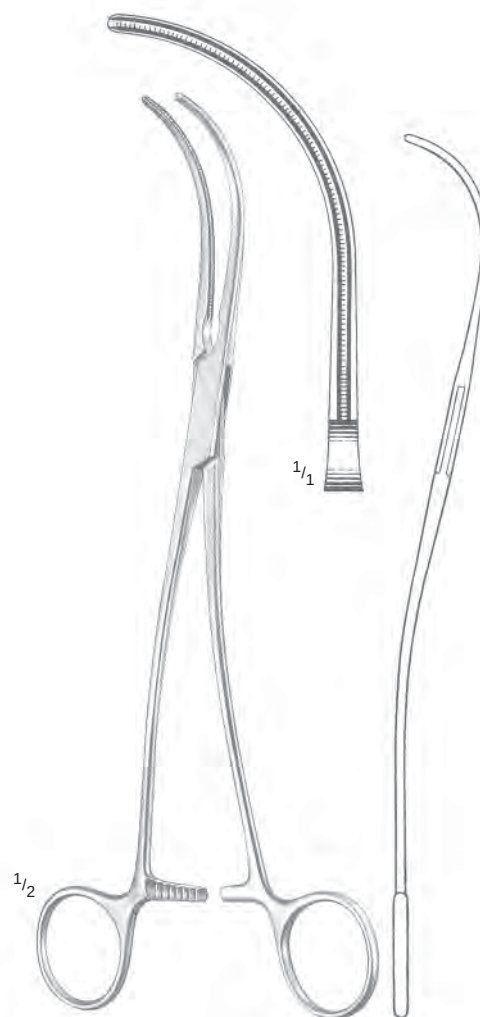


Vena cava-Klemmen
Vena cava Clamps
Pinzas para la vena cava
Clamps pour veine cave





De Bakey
27 cm/10³/₄"
44-5001-27



De Bakey
24,5 cm/9³/₄"
44-5003-25



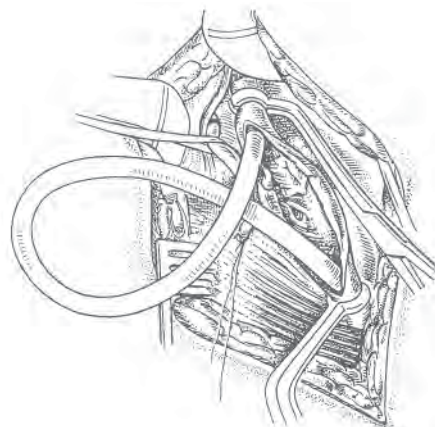
کلمپ کاروتید

Carotis-Shuntklemmen

Carotid Shunt Clamps

Pinzas para shunt carótido

Pinces pour carotide



Javid
17,5 cm/7"
44-5005-18



Javid
18 cm/7"
44-5007-18

پنس عروقی

Peripheral-Gefäßklemmen

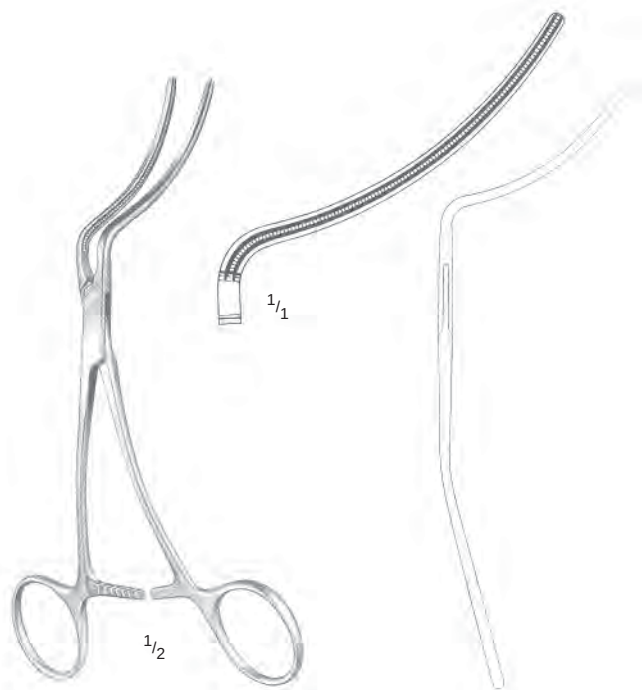
Peripheral Vascular Clamps

Pinzas para vasos periféricos

Pinces-clamps vasculaires périphériques



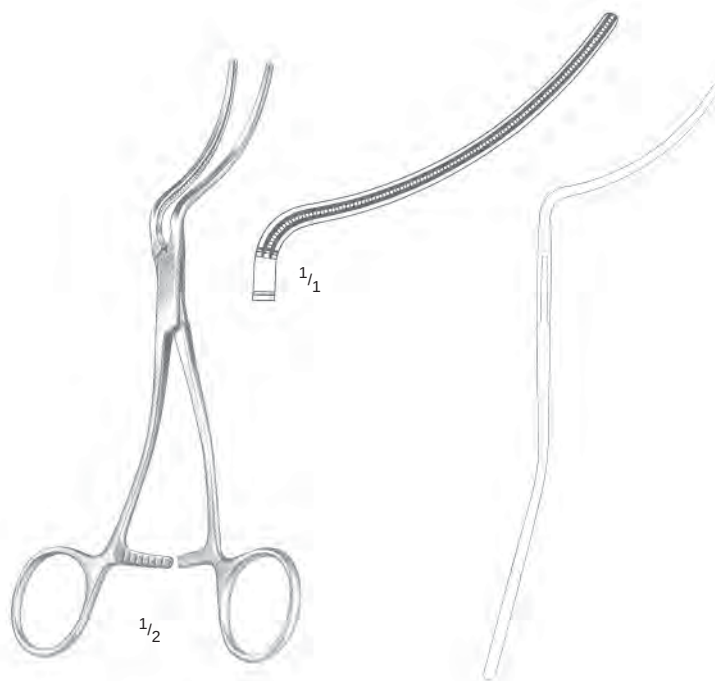
44



Martin

16 cm/6 1/4"

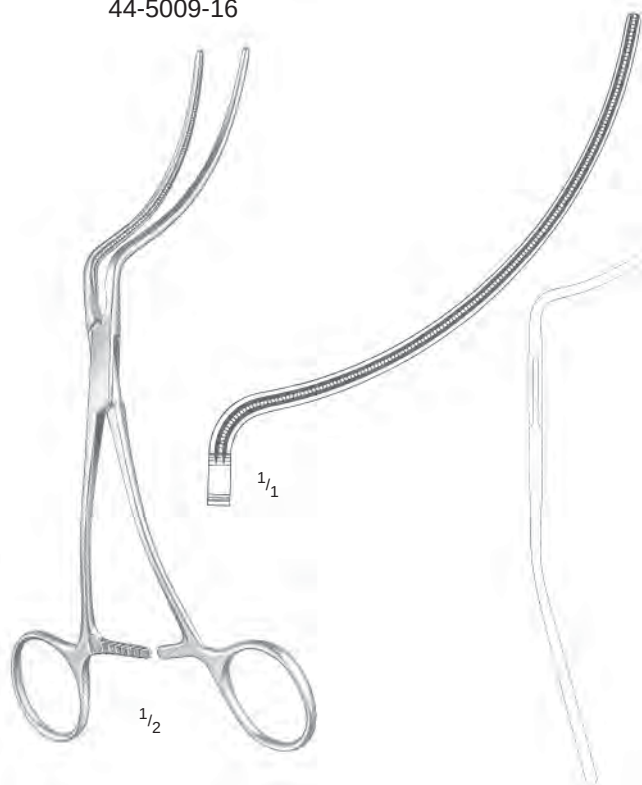
44-5009-16



Martin

16,5 cm/6 1/2"

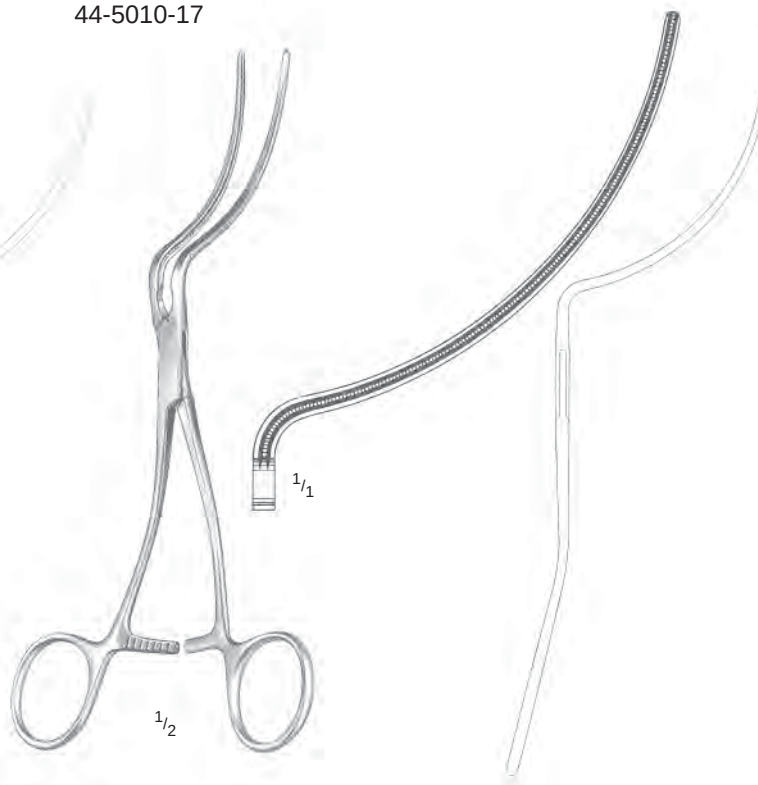
44-5010-17



Martin

18 cm/7"

44-5012-18



Martin

19,5 cm/7 3/4"

44-5014-20



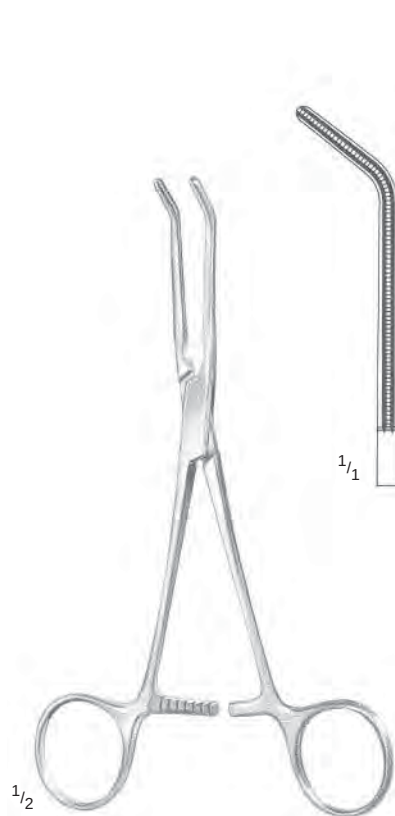
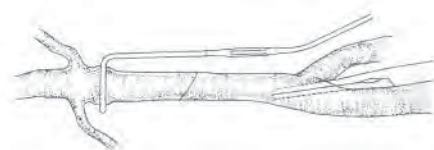
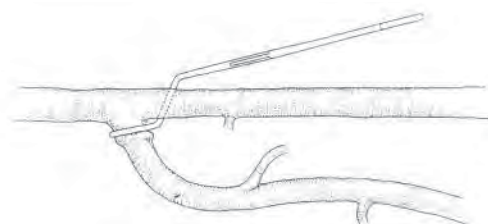
پنس عروقی

Peripheral-Gefäßklemmen

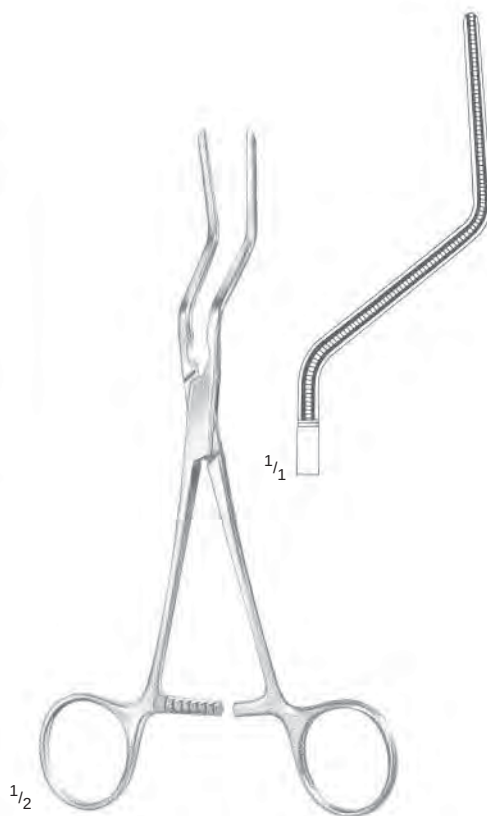
Peripheral Vascular Clamps

Pinzas para vasos periféricos

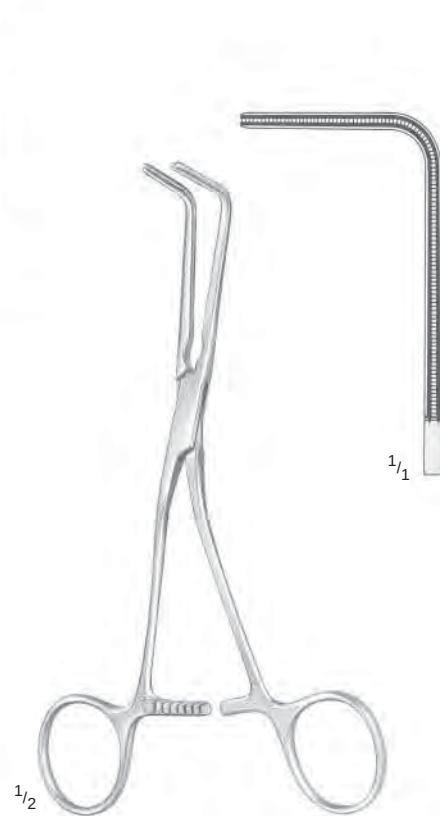
Pinces-clamps vasculaires périphériques



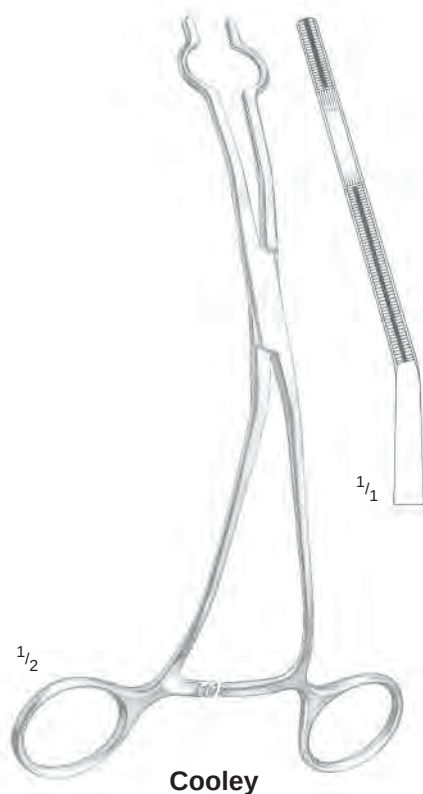
Husfeldt
17,5 cm/7"
44-5016-18



Husfeldt
18 cm/7"
44-5018-18



Husfeldt
17 cm/6³/₄"
44-5020-17



Cooley



16 cm/6 1/4"
24 charr
44-5022-01



16 cm/6 1/4"
26 charr
44-5022-02



20 cm/8"
28 charr
44-5022-03



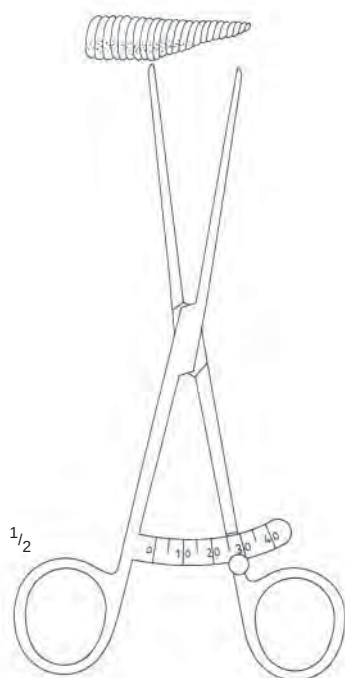
20 cm/8"
30 charr
44-5022-04



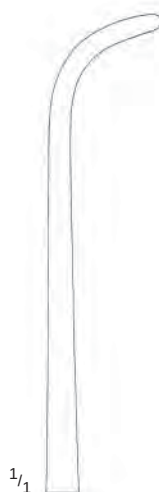
20 cm/8"
32 charr
44-5022-05



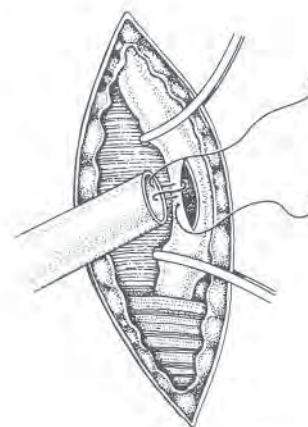
20 cm/8"
36 charr
44-5022-06



Martin

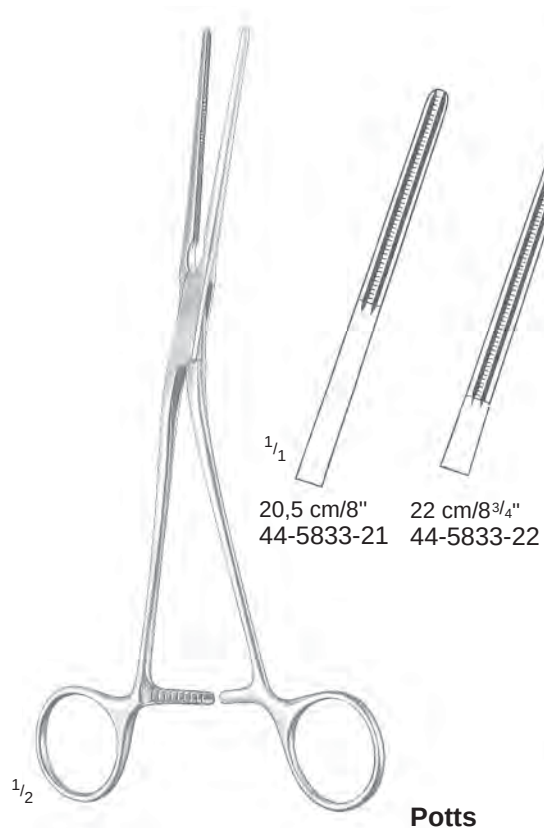
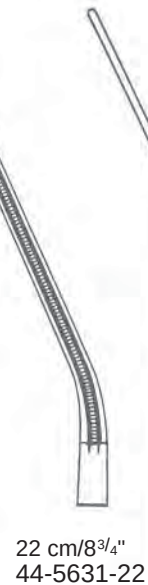
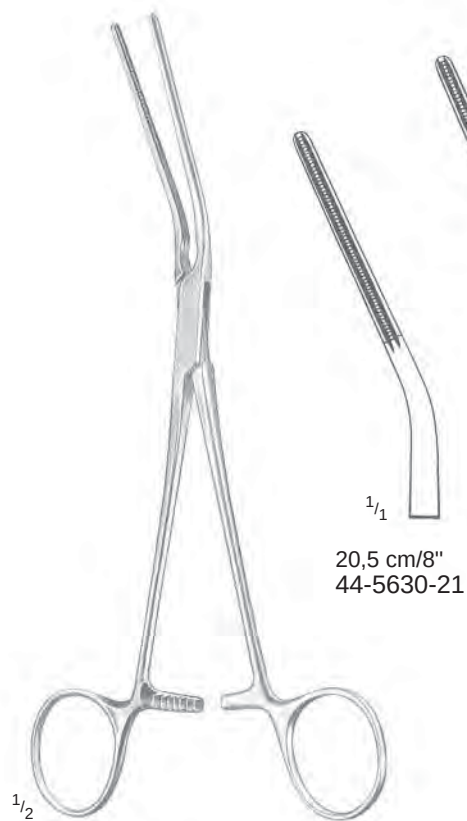
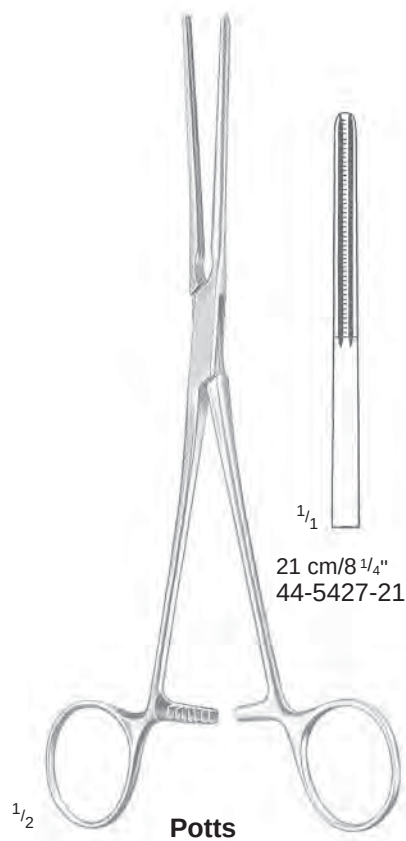


17 cm/6 3/4"
44-5225-17



Gefäß-Messzirkel
Vascular Measuring Device
Compas para medir vasos
Compas pour mesurer la
longueur des vaisseaux
Pinza vascolare compasso

Coarctationsklemmen
Coarctation Clamps
Pinzas para coarctación
Pincas-Clamps pour coarctation



کلمپ کاروتید

Aorta-Aneurysmaklemmen

Aortic Aneurysm Clamps

Pinzas para aneurisma de aórtica

Pinces-clamps pour anévrisme de l'aorte



44



De Bakey

28 cm/11"

44-6001-28

De Bakey

30 cm/11 3/4"

44-6003-30



کلمپ کاروتید

Ligaturklemmen, Aortaklemmen

Ligature Forceps, Aortic Clamps

Pinzas para ligaduras, Pinzas aórticas

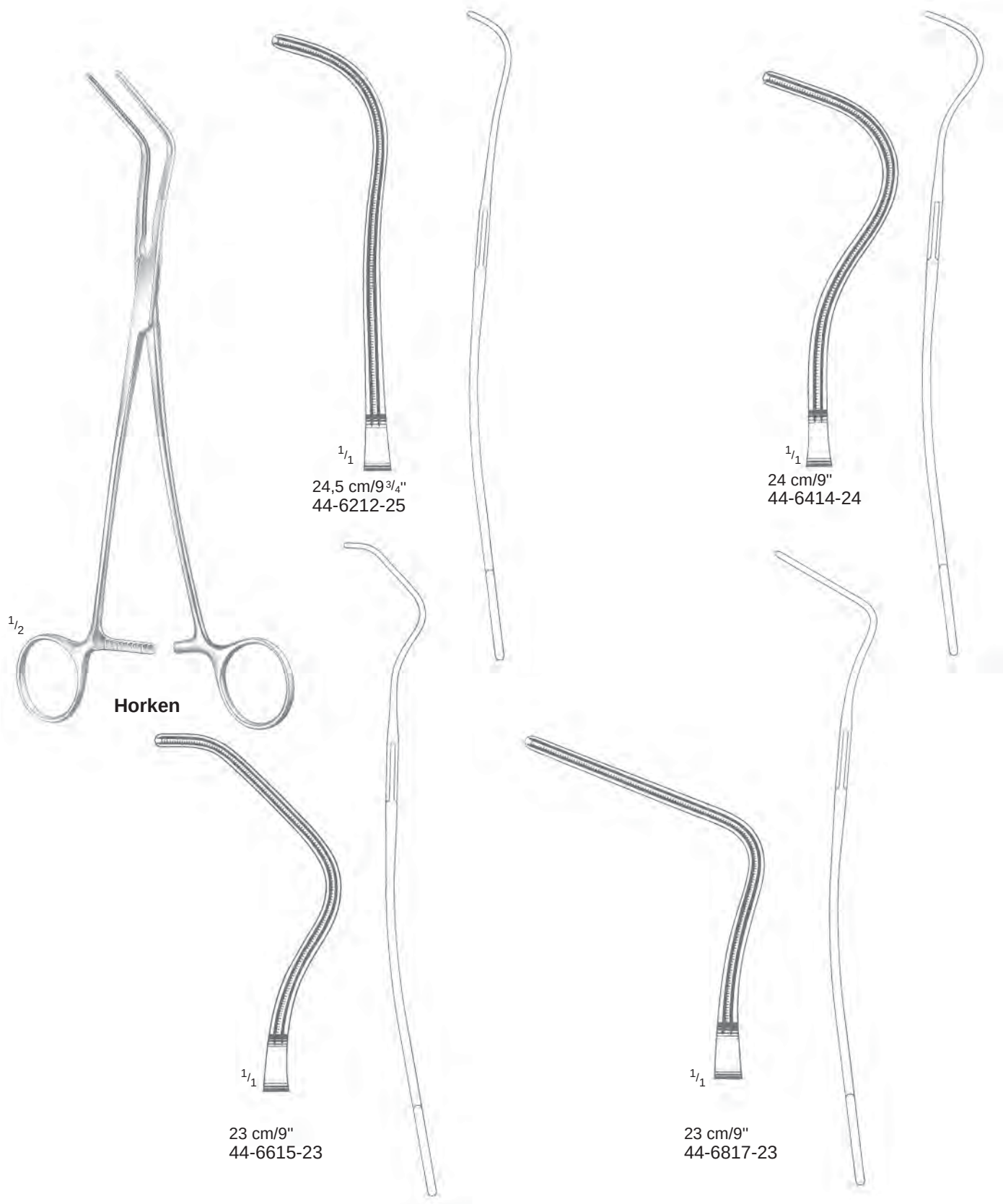
Pinces à ligatures, Pinces-Clamps pour aorte



De Bakey
27 cm/10 1/2"
44-6008-27



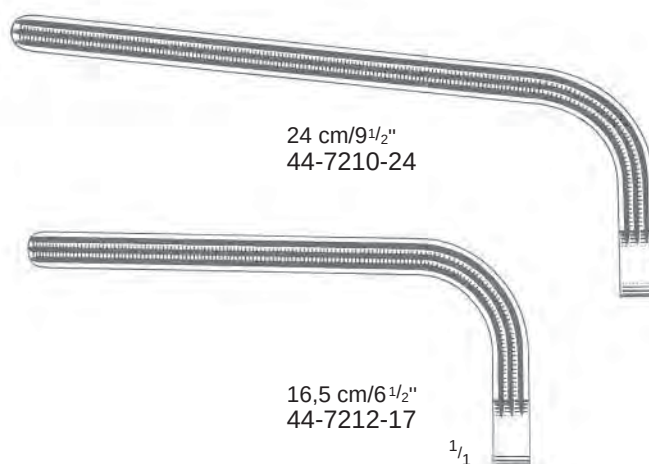
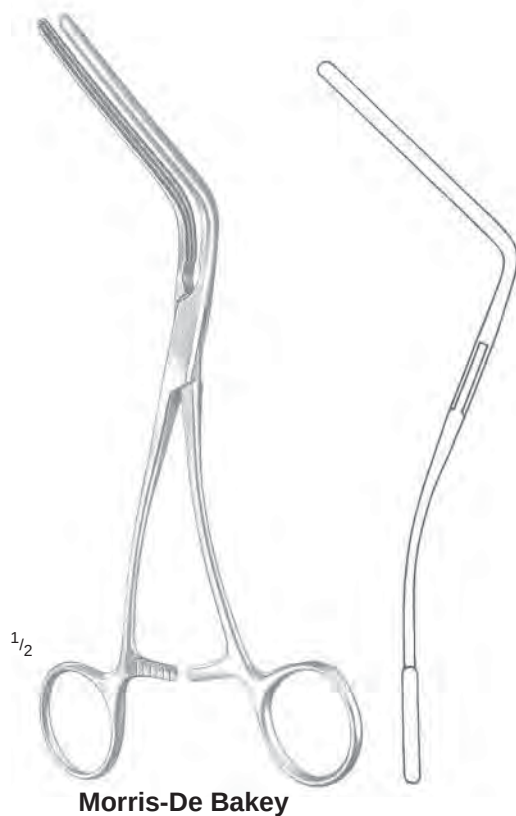
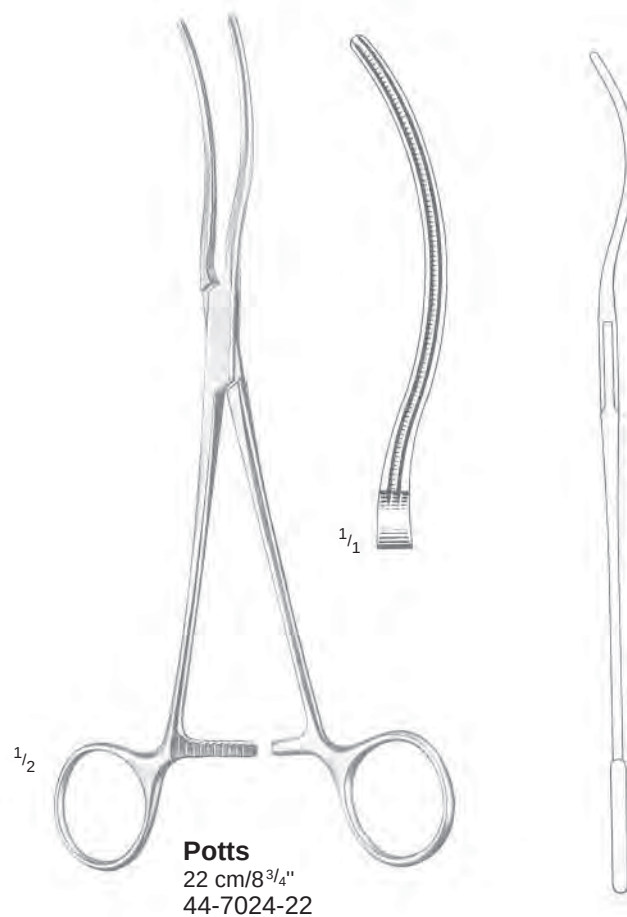
De Bakey
27 cm/10 1/2"
44-6010-27



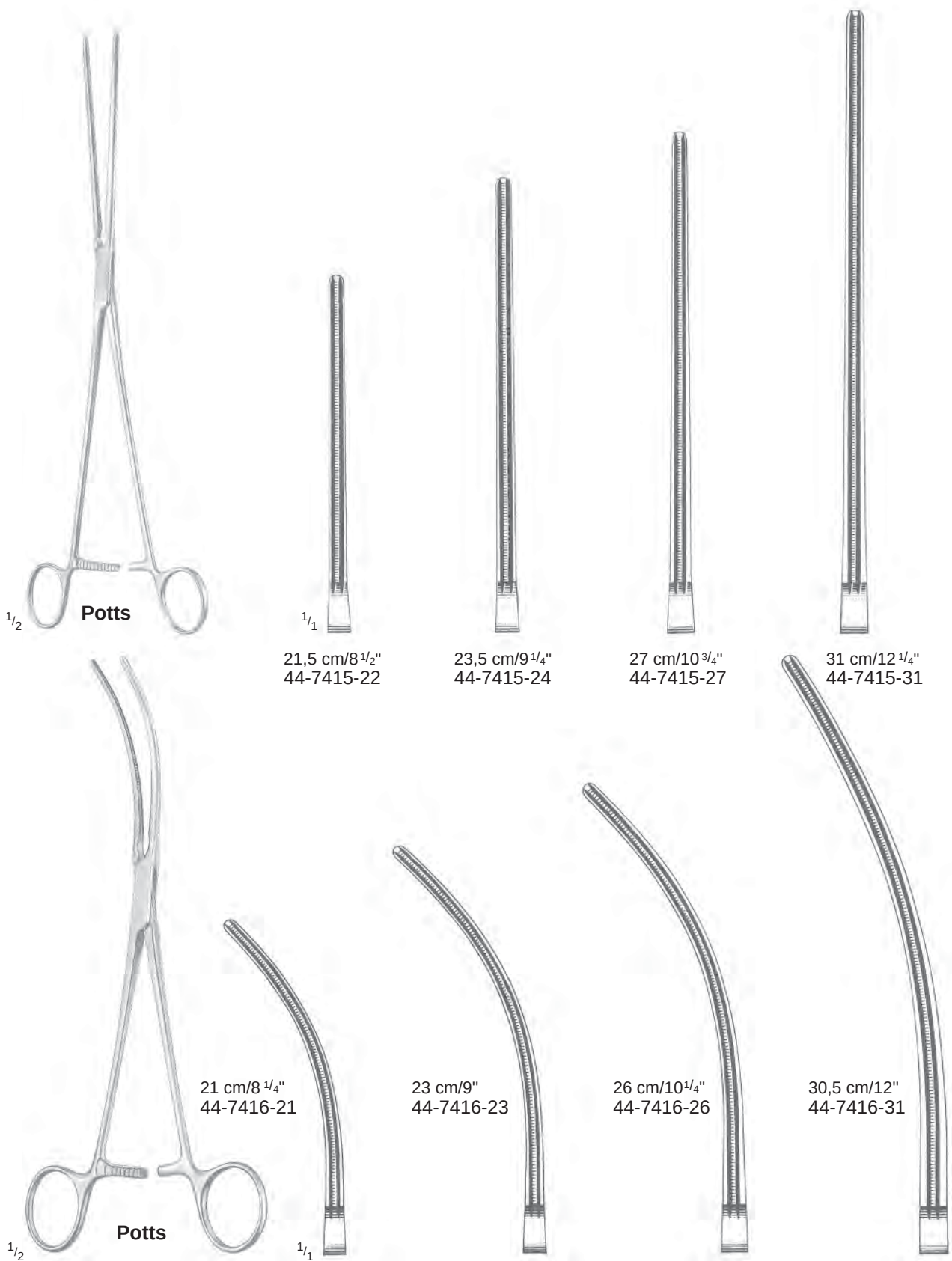


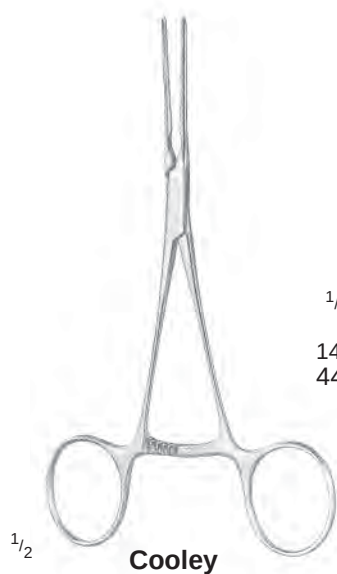
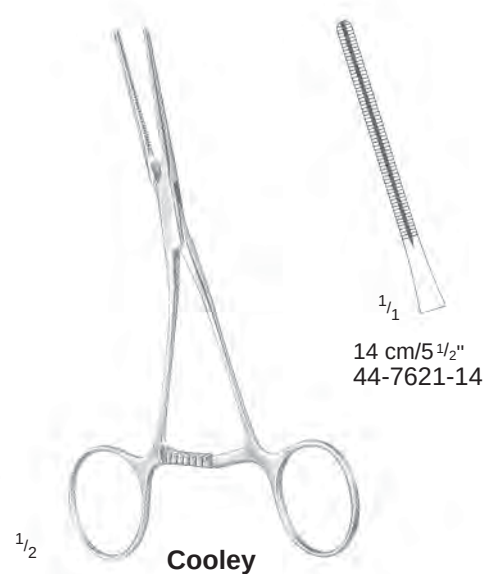
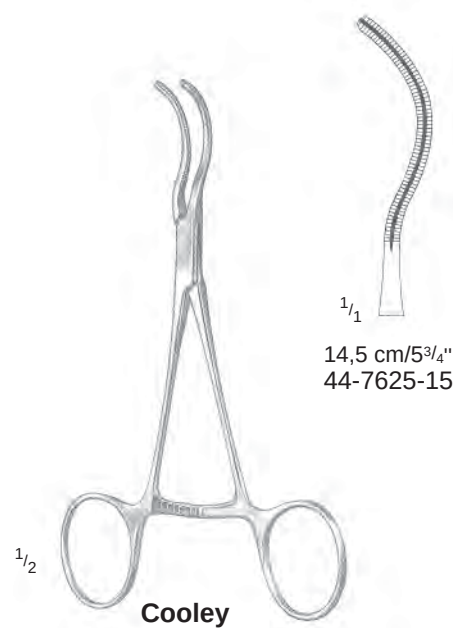
Anastomosenklemmen
Anastomosis Clamps
Pinzas para anastomosis
Pincers-clamps à anastomose

Aortaklemmen
Aortic Clamps
Pinzas aórticas
Pincers-clamps pour aorte



Mehrzweck-Gefäßklemmen
Multi purpose Vascular Clamps
Pinzas vasculares de usos múltiples
Pincas vasculaires universelles



 $\frac{1}{1}$ 14,5 cm/5 $\frac{3}{4}$ "
44-7618-1514,5 cm/5 $\frac{3}{4}$ "
44-7619-15 $\frac{1}{1}$ 14 cm/5 $\frac{1}{2}$ "
44-7621-14 $\frac{1}{1}$ 14 cm/5 $\frac{1}{2}$ "
44-7623-14 $\frac{1}{1}$ 14,5 cm/5 $\frac{3}{4}$ "
44-7625-15

كلمپ عروقي اطفال

Kinder-Gefäßklemmen

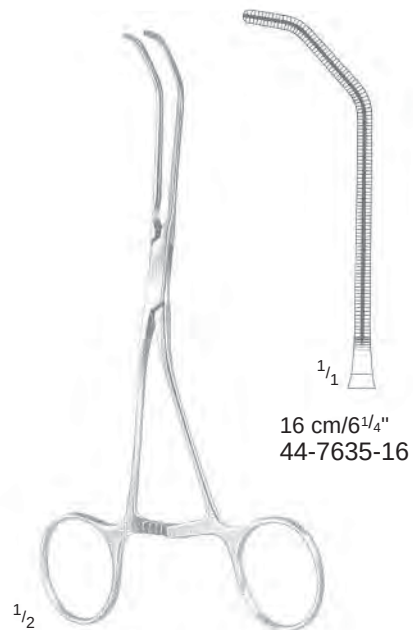
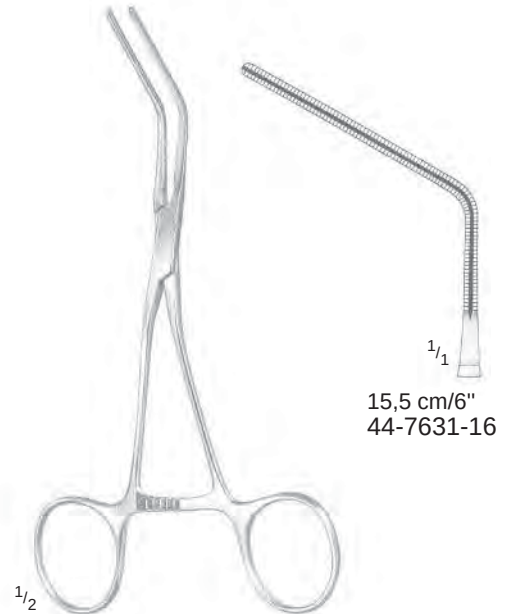
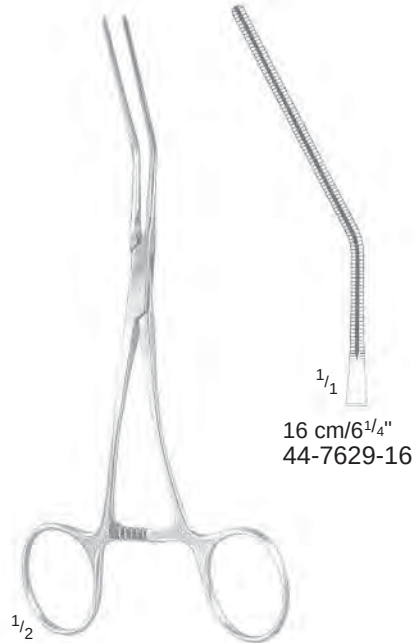
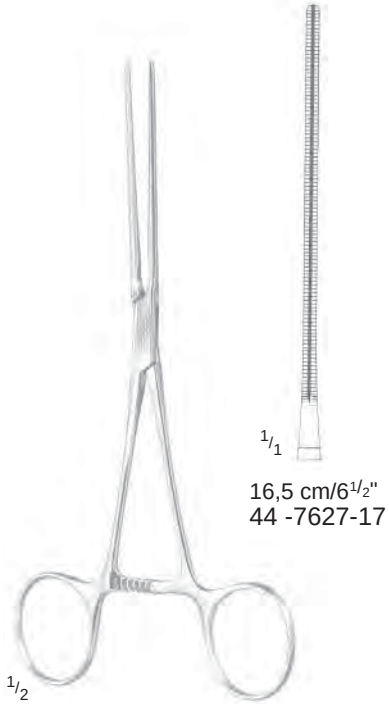
Pediatric Vascular Clamps

Pinzas vasculares pediátricas

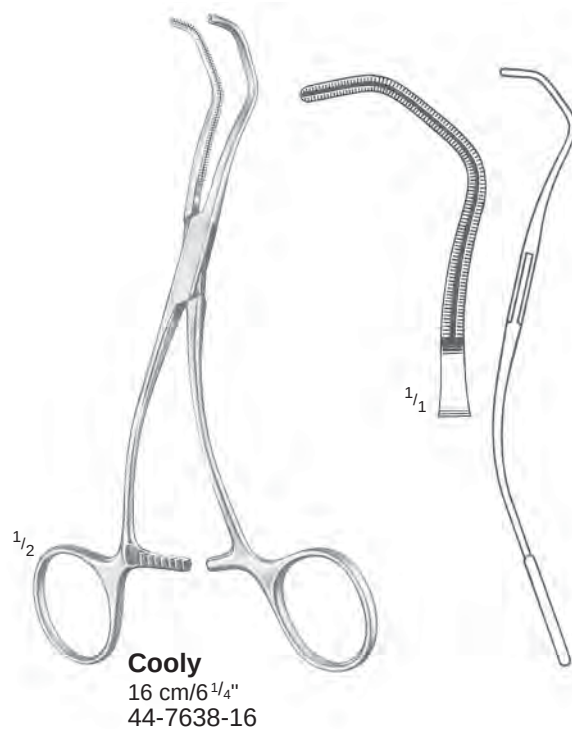
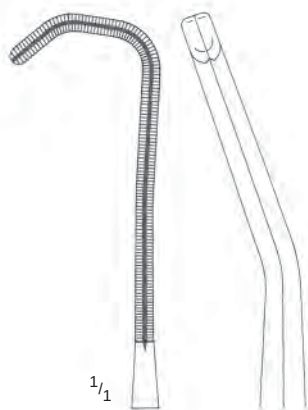
Pinces vasculaires pédiatriques



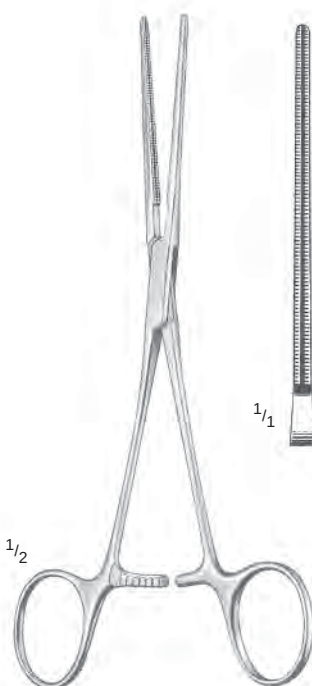
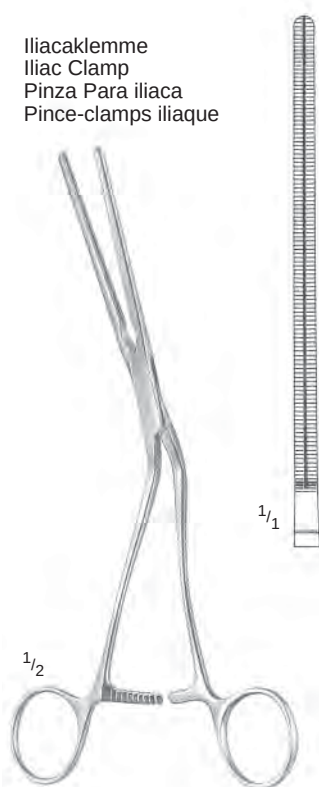
44

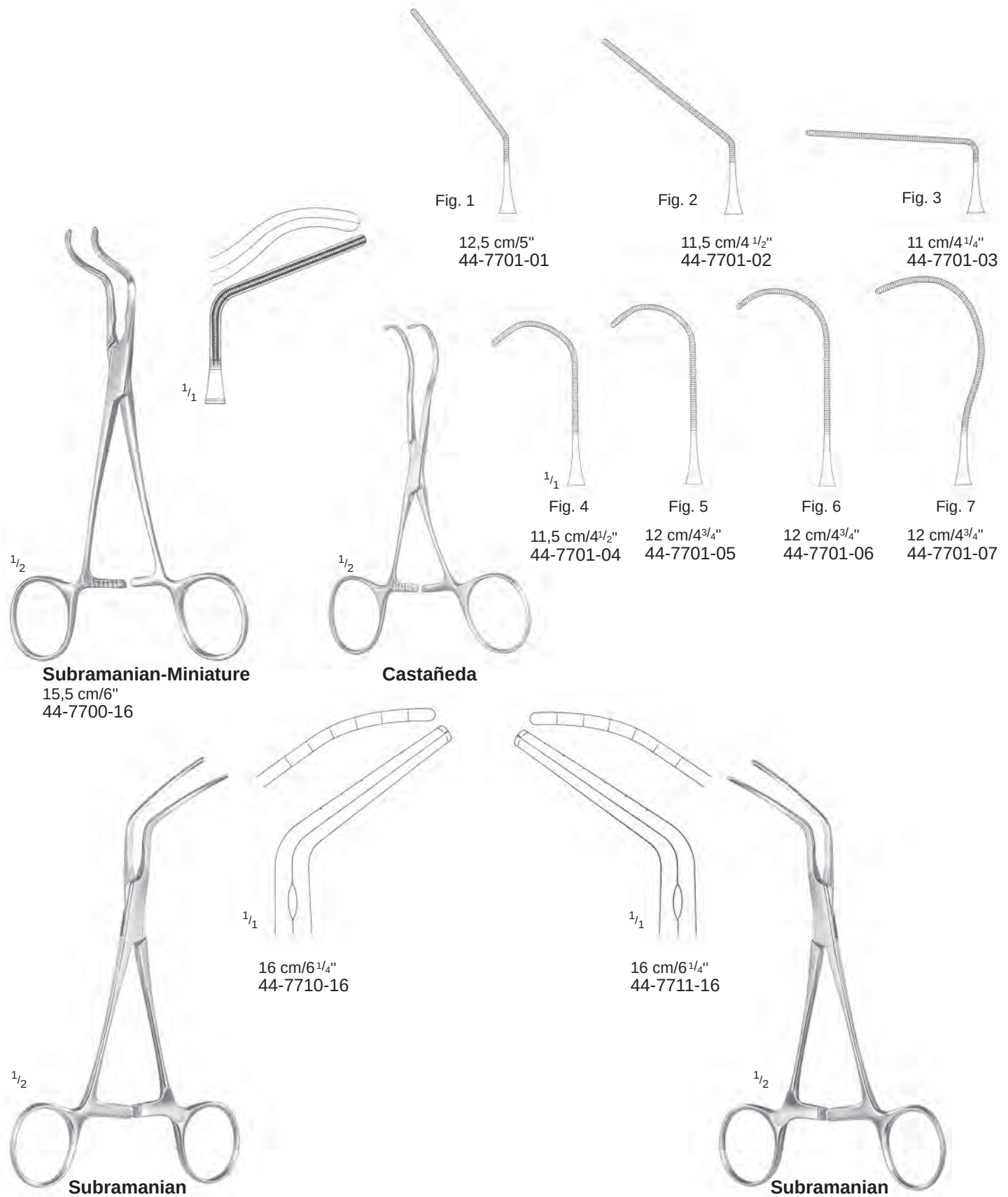


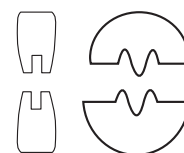
Anastomosenklemmen
Anastomosis Clamps
Pinzas para anastomosis
Pinces-clamps pour anastomose



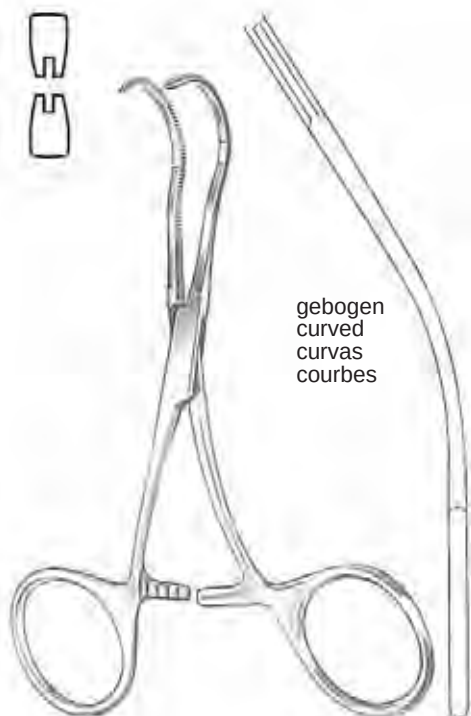
Iliacaklemme
Iliac Clamp
Pinza Para iliaca
Pince-clamps iliaque



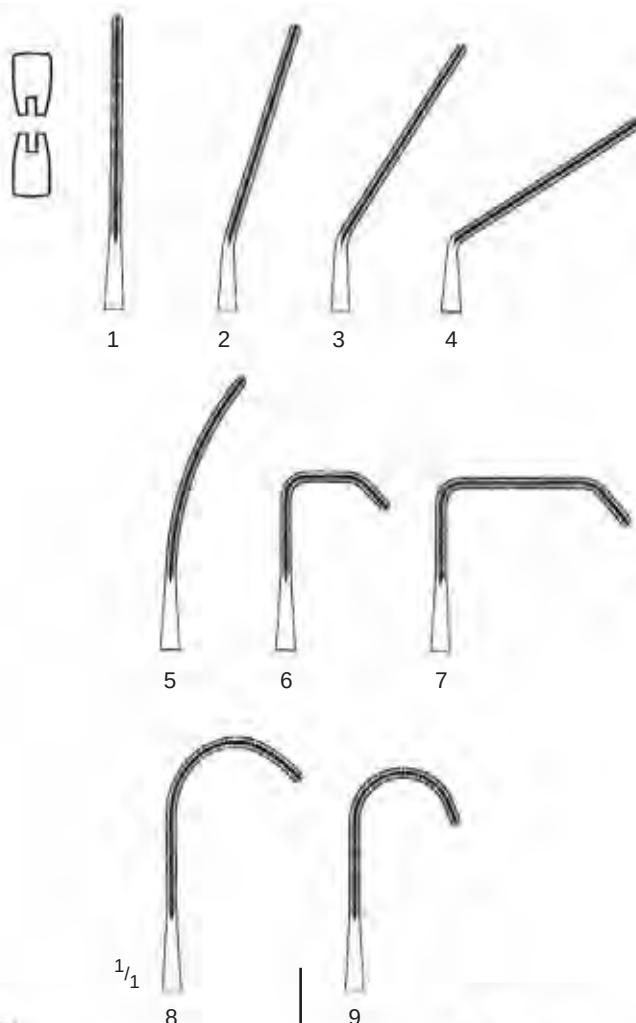




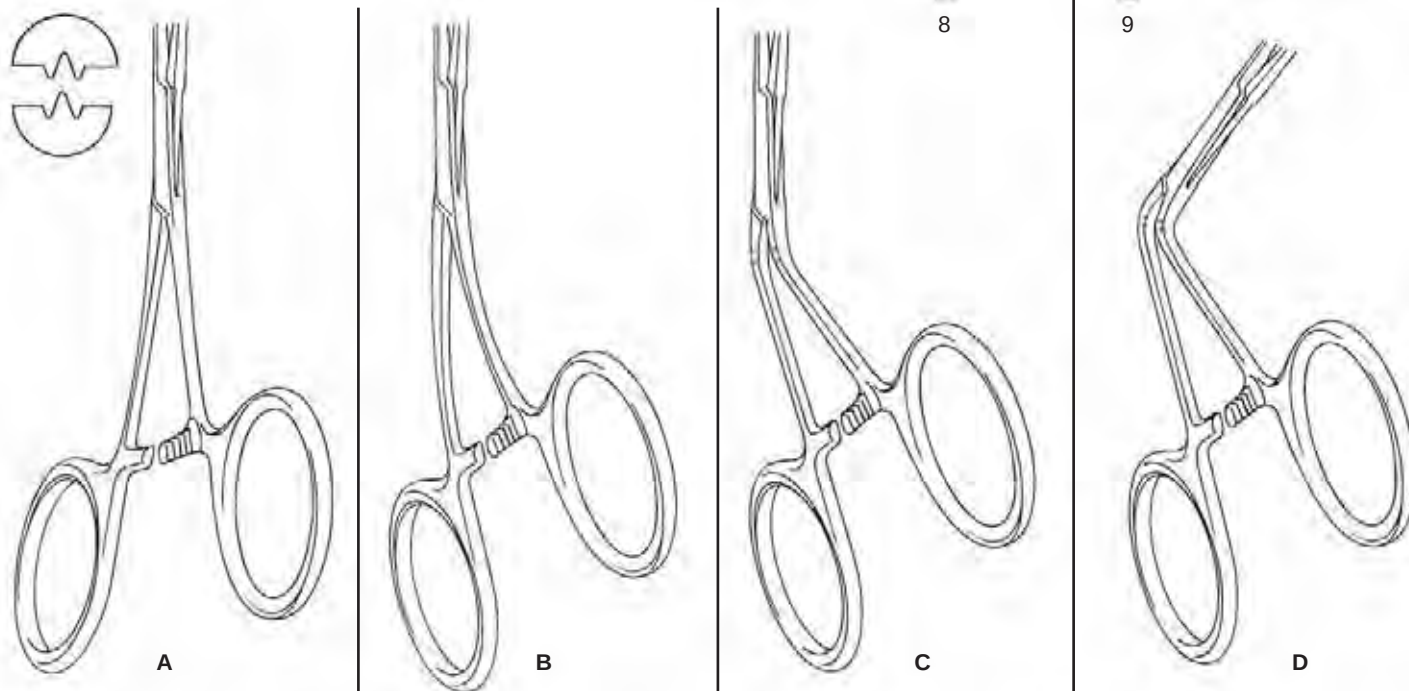
Neonatal- und Kinderklemmen, extrafeine Modelle
 Neonatal and Pediatric Clamps, very delicate patterns
 Pinzas y clamps muy delicados, Neonatales y Pediatricas
 Neonatal pinces clamps en miniature



- 1 13,5 cm/5 1/4"
44-7713-01
- 2 13,5 cm/5 1/4"
44-7713-02
- 3 14 cm/5 1/2"
44-7713-03
- 4 13,5 cm/5 1/4"
44-7713-04
- 5 13,5 cm/5 1/4"
44-7713-05
- 6 12,5 cm/5"
44-7713-06
- 7 13 cm/5"
44-7713-07
- 8 13,5 cm/5 1/2"
44-7713-08
- 9 13 cm/5"
44-7713-09



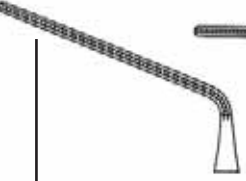
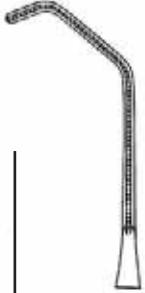
DeBAKEY-CASTANEDA Herz- und Gefäßklemmen
 DeBAKEY-CASTANEDA Cardiovascular Clamps
 DeBAKEY-CASTANEDA pinzas vasculares
 DeBAKEY-CASTANEDA pinces vasculaires



Maulausführungen siehe nächste Seite
 Jaw details see next page
 Detalles de las bocas véase siguiente página
 Détails des mors voir page suivante, s.v.p.



DeBAKEY-CASTANEDA Herz- und Gefäßklemmen
 DeBAKEY-CASTANEDA Cardiovascular Clamps
 DeBAKEY-CASTANEDA pinzas vasculares
 DeBAKEY-CASTANEDA pincas vasculaires

						
	1	2	3	4	5	6
A	44-7820-01	44-7820-02	44-7820-03	44-7820-04	44-7820-05	44-7820-06
B	44-7821-01	44-7821-02	44-7821-03	44-7821-04	44-7821-05	44-7821-06
C	44-7823-01	44-7823-02	44-7823-03	44-7823-04	44-7823-05	44-7823-06
D	44-7825-01	44-7825-02	44-7825-03	44-7825-04	44-7825-05	44-7825-06

						
	7	8	9	10	11	12
A	44-7820-07	44-7820-08	44-7820-09	44-7820-10	44-7820-11	44-7820-12
B	44-7821-07	44-7821-08	44-7821-09	44-7821-10	44-7821-11	44-7821-12
C	44-7823-07	44-7823-08	44-7823-09	44-7823-10	44-7823-11	44-7823-12
D	44-7825-07	44-7825-08				

						
	13	14	15	16	17	18
A	44-7820-13	44-7820-14	44-7820-15	44-7820-16	44-7820-17	44-7820-18
B	44-7821-13	44-7821-14	44-7821-15	44-7821-16	44-7821-17	44-7821-18
C	44-7823-13	44-7823-14	44-7823-15	44-7823-16	44-7823-17	44-7823-18



پنس عروقی اطفال

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pincers pour anastomoses



1/1



1/1

44-7826-01



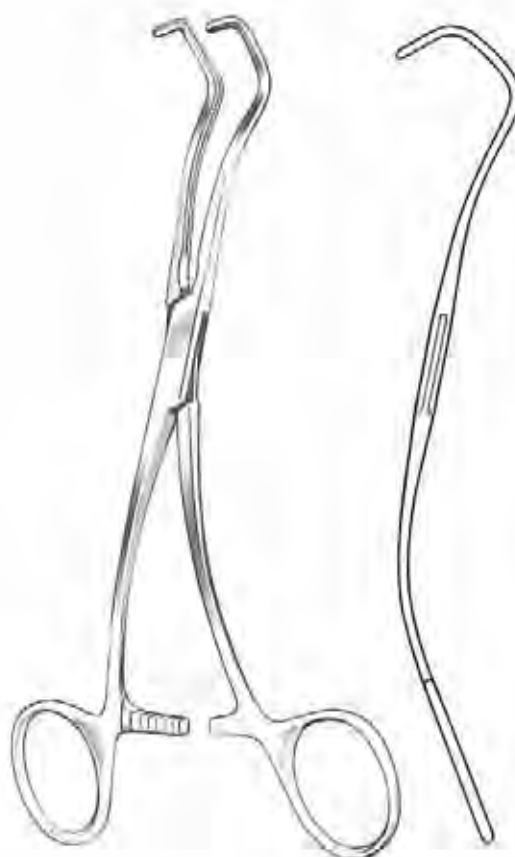
44-7826-02



44-7826-03



DeBakey
17 cm/6³/₄"
44-7825-17



DeBakey-Derra
17 cm/6³/₄"

پنس عروقی اطفال

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

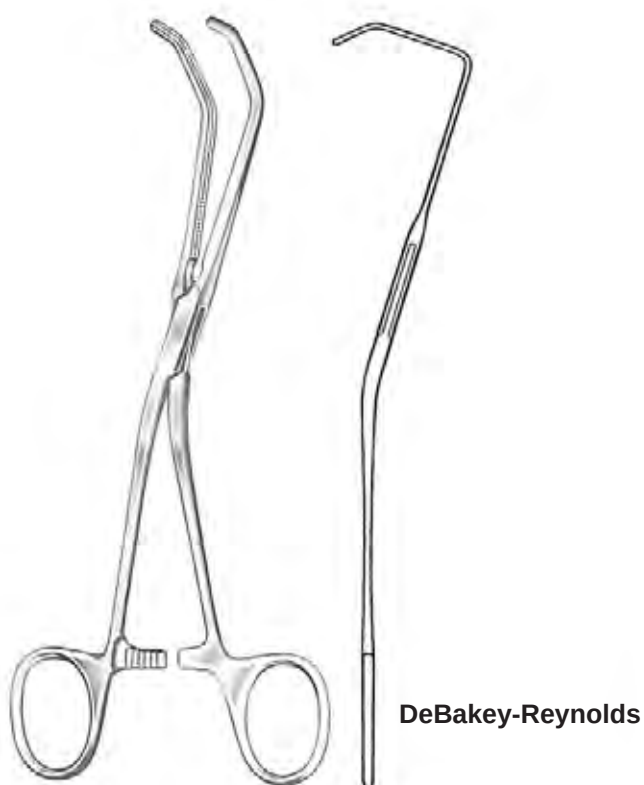
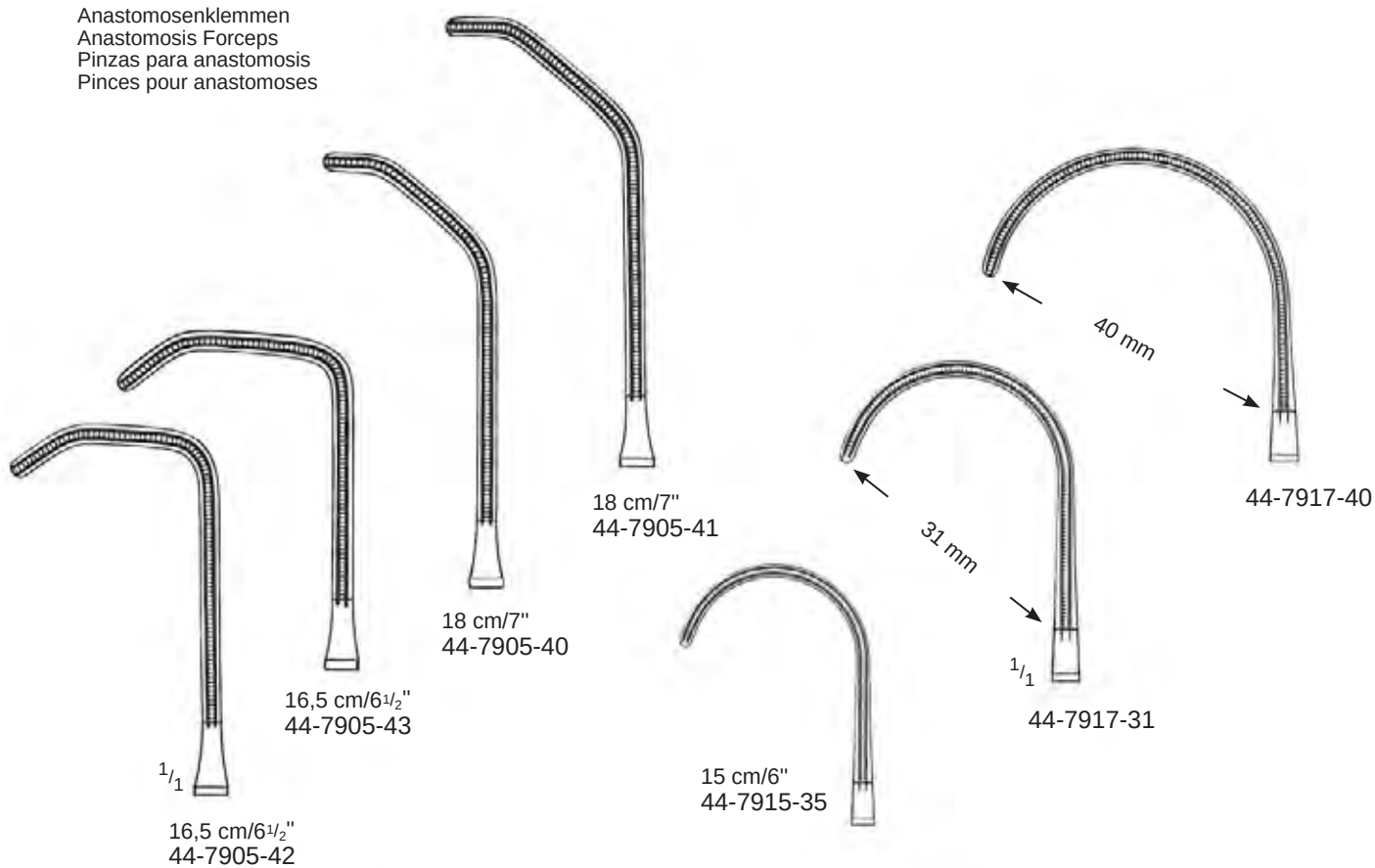
pincers vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



44

Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pincers pour anastomoses





پنس عروقی اطفال

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



Mehrzweckklemmen
Multi Purpose Forceps
Pinzas de multiple propósito
Pincers pour application universelle

Aortenklammern
Aortic Forceps
Pinzas Aorticas
Pincers à l'aorte

16 cm/6 $\frac{1}{4}$ "
44-7921-16

$\frac{1}{1}$
15,5 cm/6"
44-7921-15

15 cm/6"
44-7931-15

20,5 cm/8"
44-7931-20

19,5 cm/7 $\frac{3}{4}$ "
44-7931-19

$\frac{1}{1}$
16,5 cm/6 $\frac{1}{2}$ "
44-7931-16

$\frac{1}{1}$
14 cm/5 $\frac{1}{2}$ "
44-7935-14

14,5 cm/5 $\frac{1}{2}$ "
44-7933-14

DeBakey

DeBakey-Beck

پنس عروقی ظریف

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants

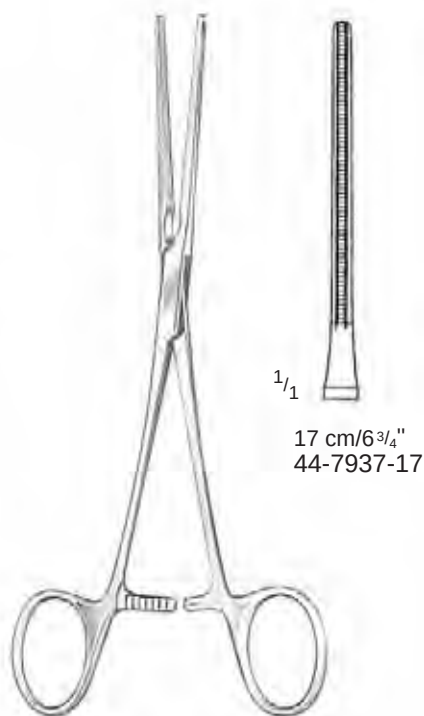


44

Coarctationsklemmen
Coarctation Forceps
Pinza para coartación
Pince à coarctation

Patent-Duktusklemmen
Patent Ductus Forceps
Pinza para el ductus
Pince pour canal artériel

Patent-Duktusklemmen
Patent Ductus Forceps
Pinza para el ductus
Pince pour canal artériel

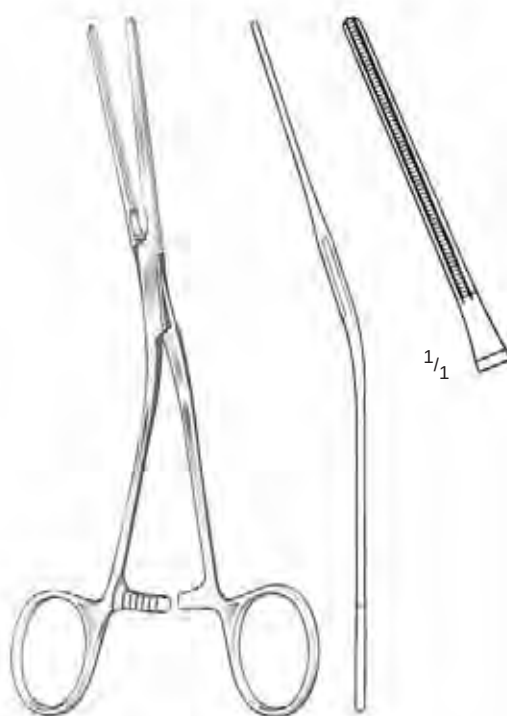


17 cm/6³/₄"
44-7937-17

DeBakey



16,5 cm/6¹/₂"
44-7938-16



DeBakey
16,5 cm/6¹/₂"
44-7940-16



پنس عروقی ظریف

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

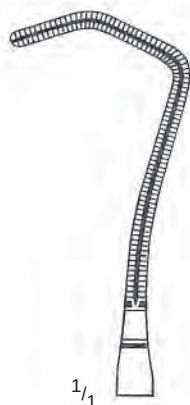
Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pinces pour anastomoses



1/1

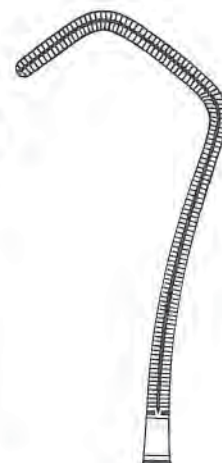


1/1

16,5 cm/6 1/2"
44-7944-01



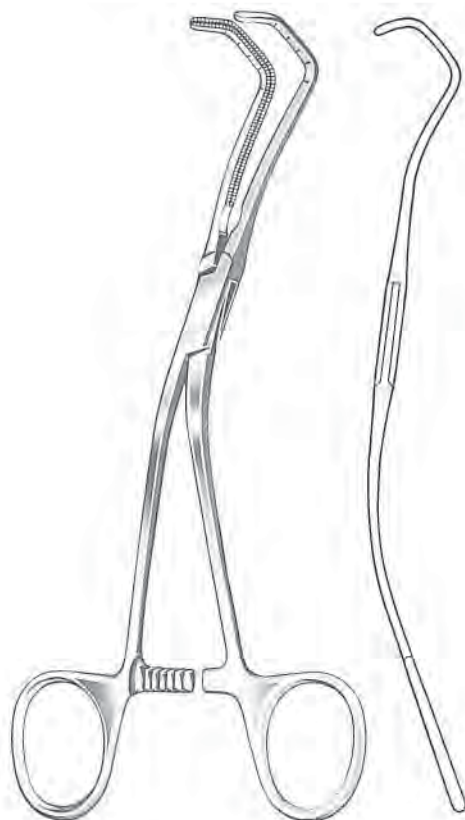
17 cm/6 3/4"
44-7944-02



17,5 cm/7"
44-7944-03



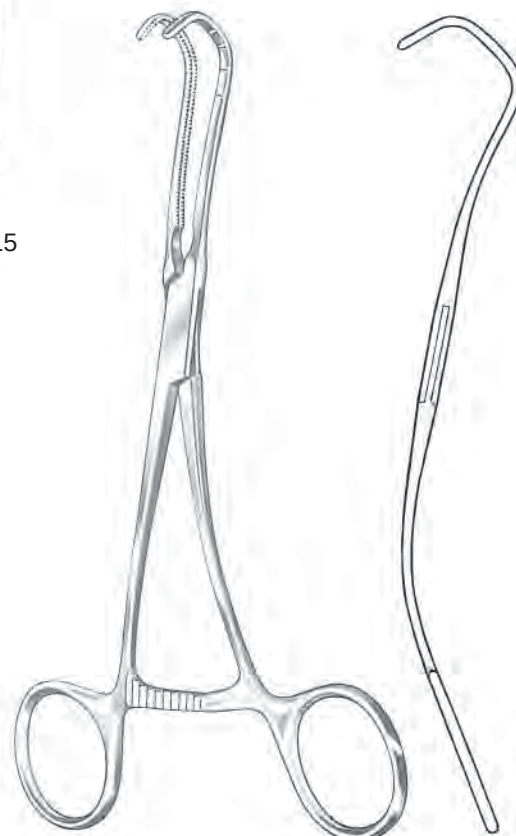
15 cm/6"
44-7942-15



Cooley

17 cm/6 3/4" 44-7941-17
15,5 cm/6" 44-7941-16

Cooley



Cooley-Derra

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

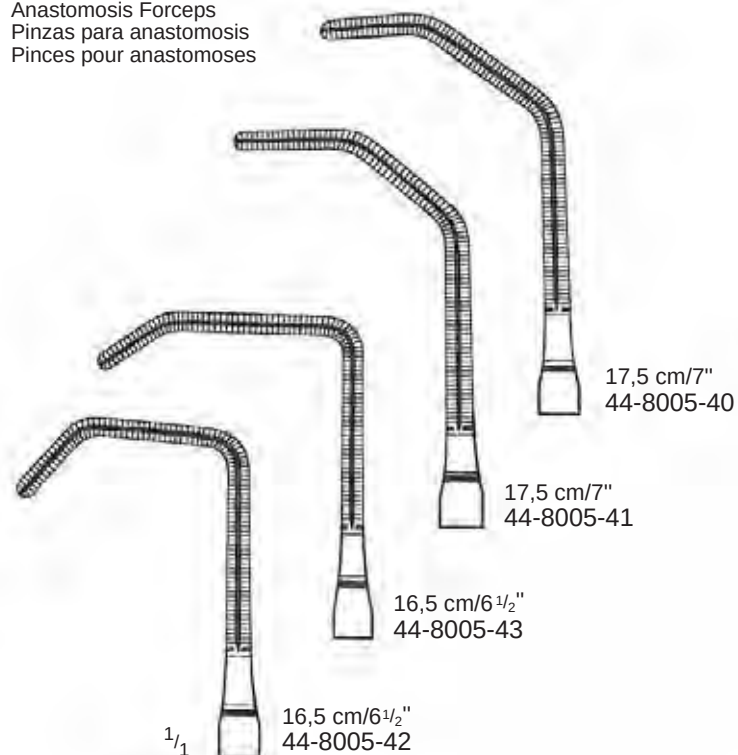
Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma

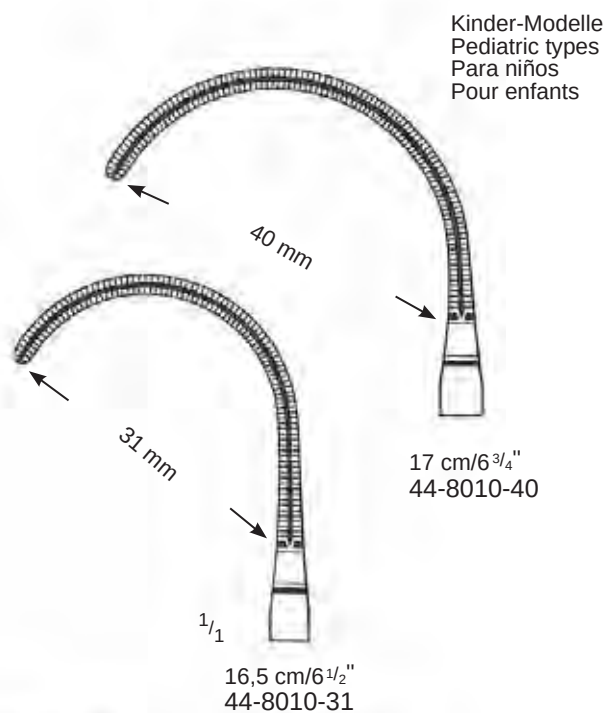


44

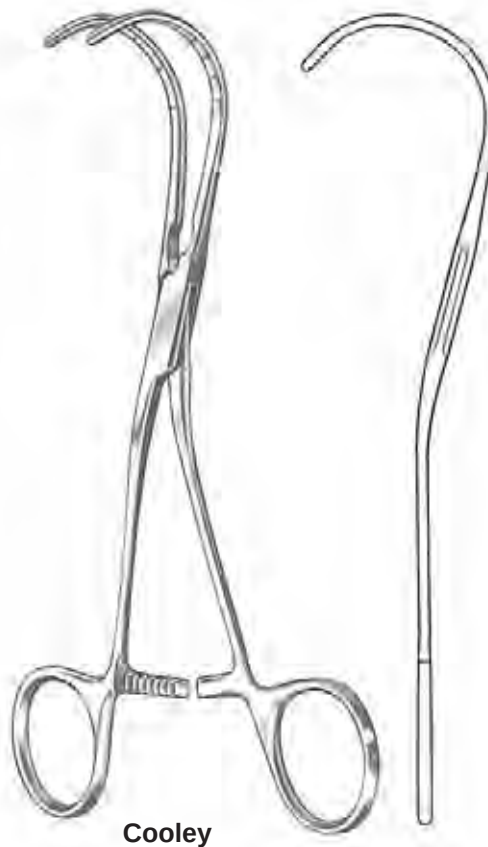
Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pincers pour anastomoses



Ligaturklemmen
Ligature Carriers
Pinzas para ligaduras
Pincers à ligatures



Kinder-Modelle
Pediatric types
Para niños
Pour enfants





پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pincers vasculaires à mors Atrauma

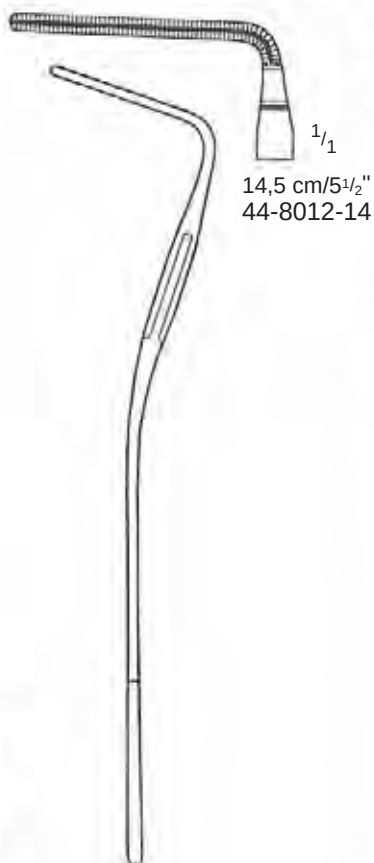
Kinder-Modelle
Pediatric types
Para niños
Pour enfants



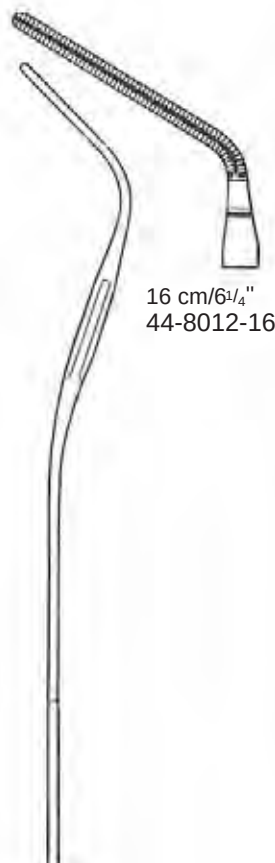
Mehrzweckklemmen
Multi Purpose Forceps
Pinzas de multiple propósito
Pincers pour application universelle



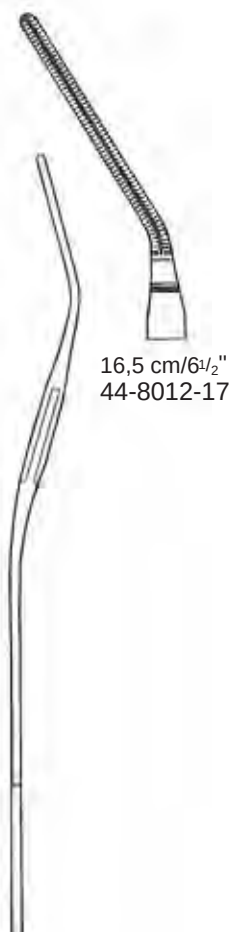
Cooley



$\frac{1}{1}$
14,5 cm/5½"
44-8012-14



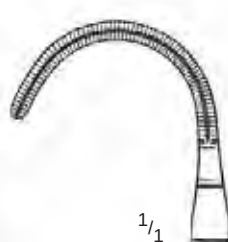
16 cm/6¼"
44-8012-16



16,5 cm/6½"
44-8012-17



Cooley-Beck



$\frac{1}{1}$
15 cm/6"
44-8014-15



15,5 cm/6"
44-8014-16

Gefäßklemmen
Vascular Clamps
Pinzas vasculares
Pincers vasculaires

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pinces vasculaires à mors Atrauma

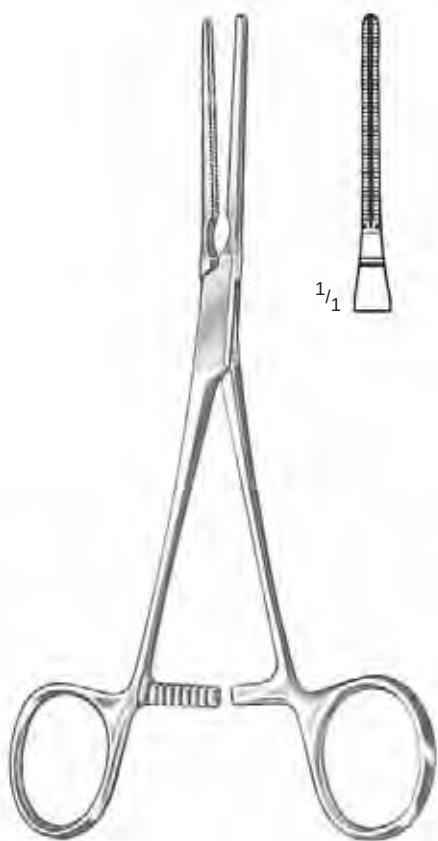
Kinder-Modelle
Pediatric types
Para niños
Pour enfants



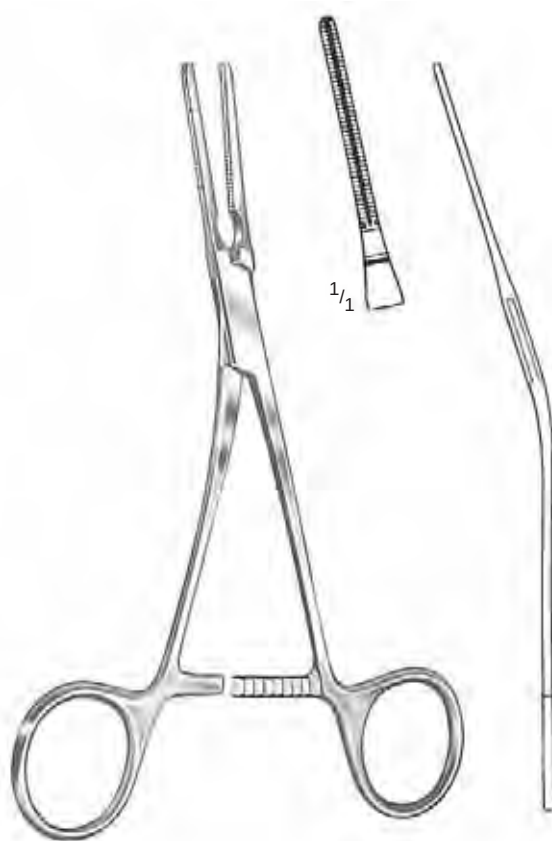
Univer®

44

Patent-Duktusklemmen
Patent Ductus Forceps
Pinzas para el ductus
Pinces pour canal artériel



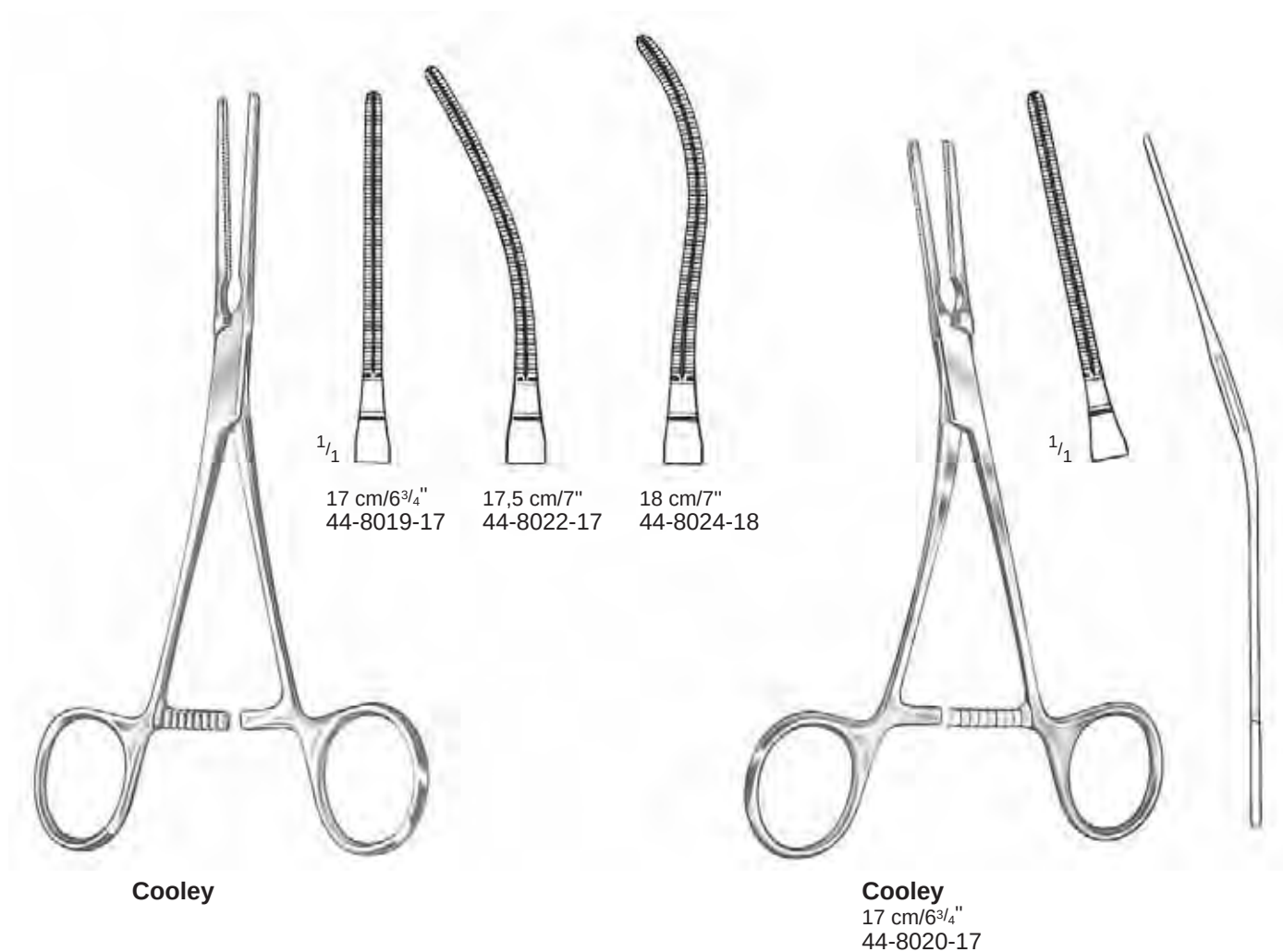
Cooley
16 cm/6¹/₄"
44-8016-16



Cooley
16 cm/6¹/₄"
44-8017-16

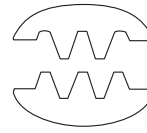


Coarctationsklemmen
 Coarctation Forceps
 Pinzas para coartación
 Pincers à coarctation



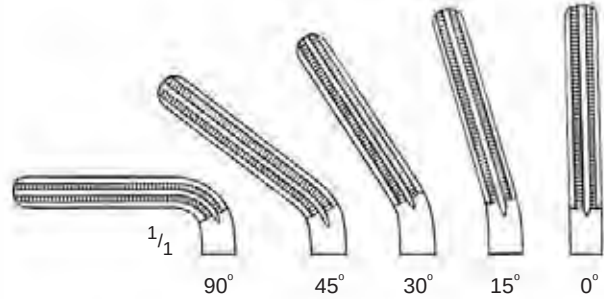
پنس عروقی

Atrauma Gefäßklemmen
Atrauma Vascular Clamps
Pinzas vasculares con bocas Atrauma
pincers vasculaires à mors Atrauma

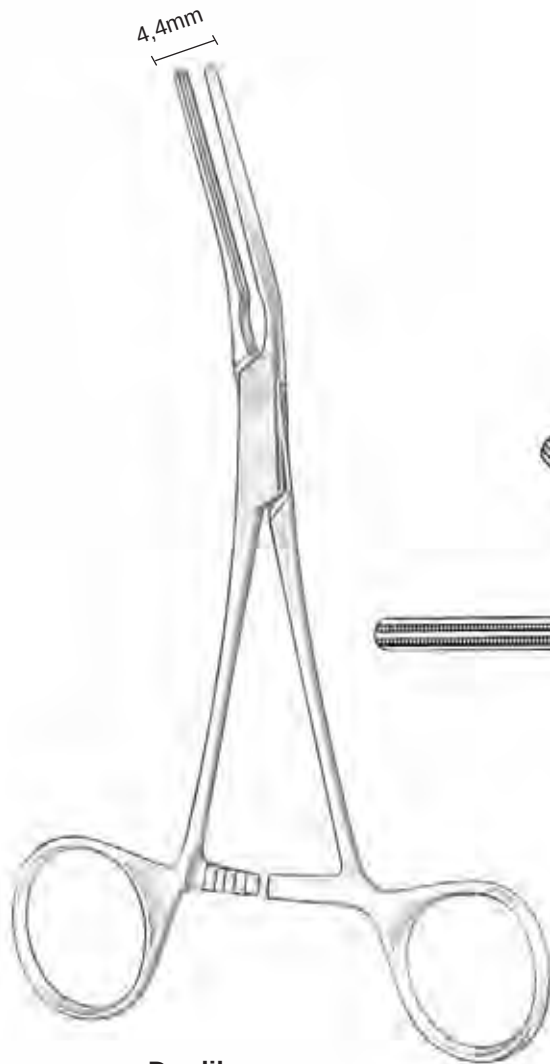


44

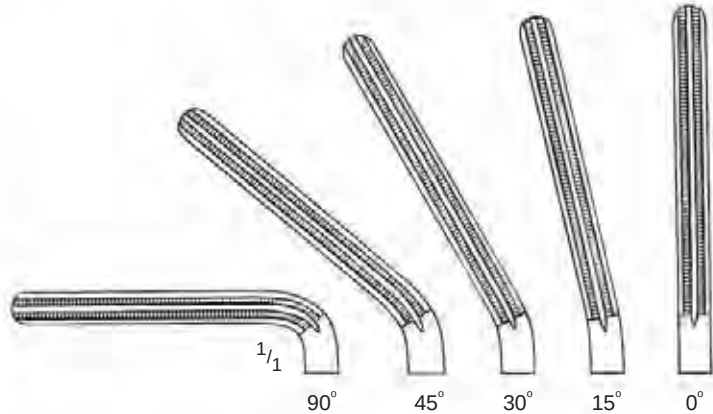
Mehrzweckklemmen
 Multi Purpose Forceps
 Pinzas de multiple propósito
 Pincers pour application universelle



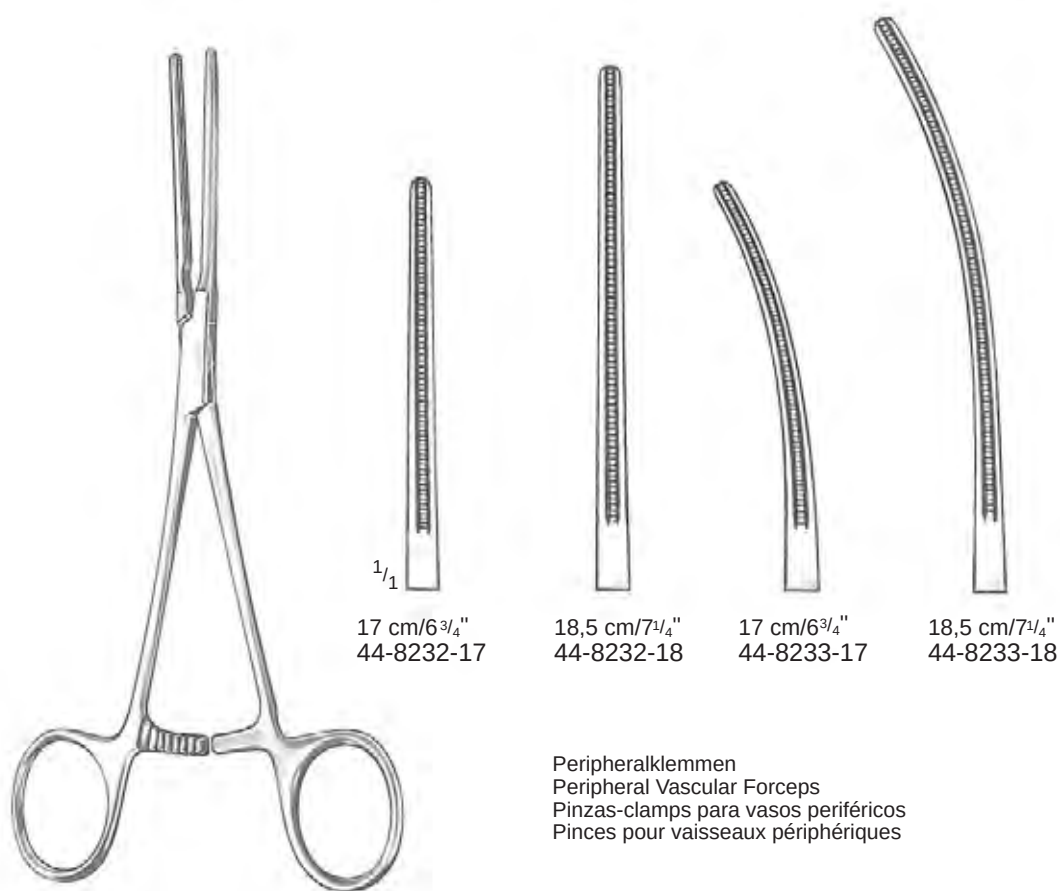
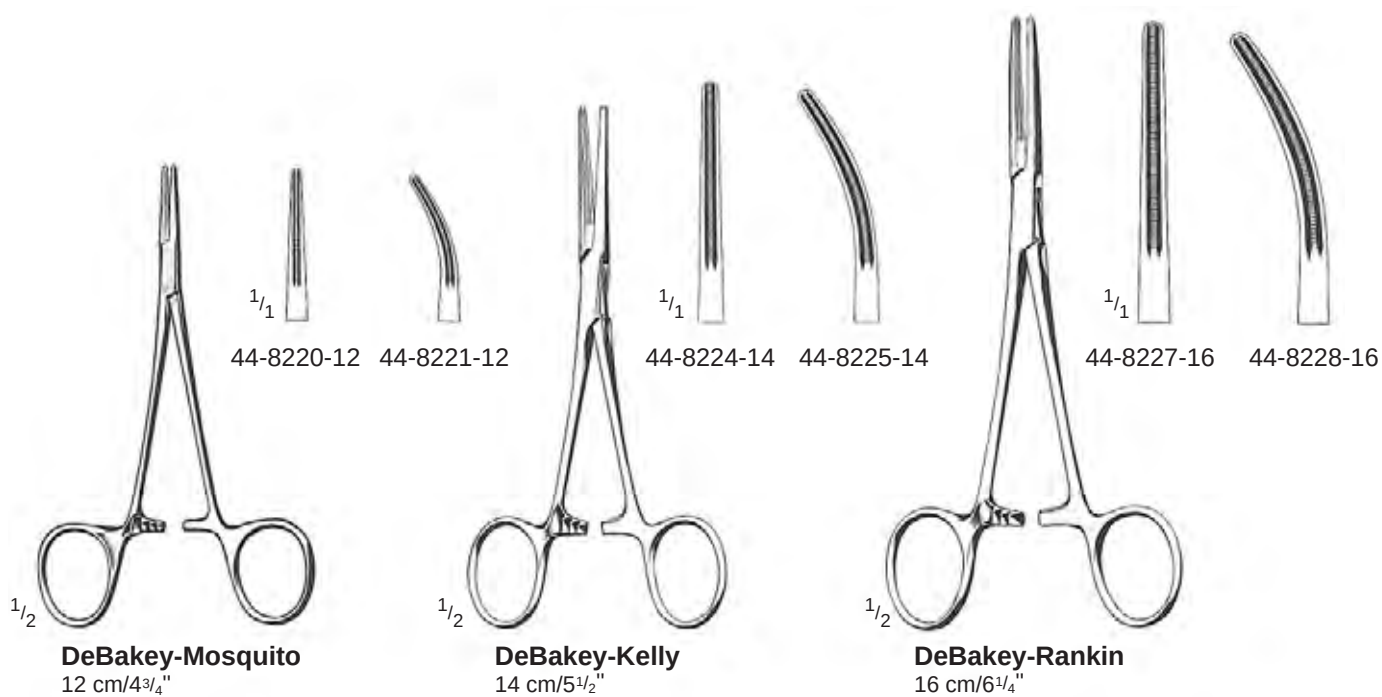
	cm	inch.	∠	Gewicht Weight Peso Poids
44-8115-00	15	6	0°	28g
44-8115-15	15	6	15°	28g
44-8115-30	15	6	30°	28g
44-8115-45	15	6	45°	28g
44-8115-90	14	5 1/2	90°	28g



Dardik



	cm	inch.	∠	Gewicht Weight Peso Poids
44-8117-00	17	6 3/4	0°	28g
44-8117-15	17	6 3/4	15°	28g
44-8117-30	17	6 3/4	30°	28g
44-8117-45	17	6 3/4	45°	28g
44-8117-90	16	6 1/4	90°	28g

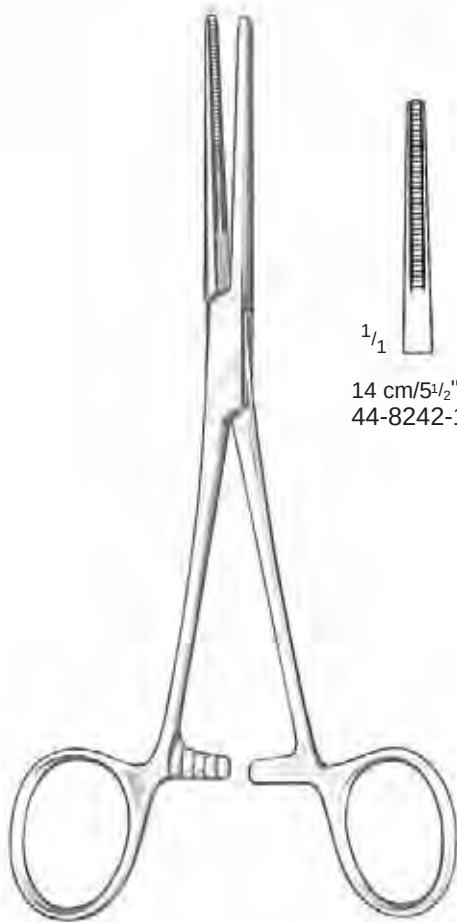


Peripheralklemmen
Peripheral Vascular Forceps
Pinzas-clamps para vasos periféricos
Pincers pour vaisseaux périphériques



Univer®

44



DeBakey-Péan

$\frac{1}{1}$

14 cm/5½"
44-8242-14

16 cm/6¼"
44-8242-16

18 cm/7"
44-8242-18

20 cm/8"
44-8242-20

26 cm/10¼"
44-8242-26

28 cm/11"
44-8242-28

$\frac{1}{1}$

14 cm/5½"
44-8243-14

16 cm/6¼"
44-8243-16

18 cm/7"
44-8243-18

20 cm/8"
44-8243-20

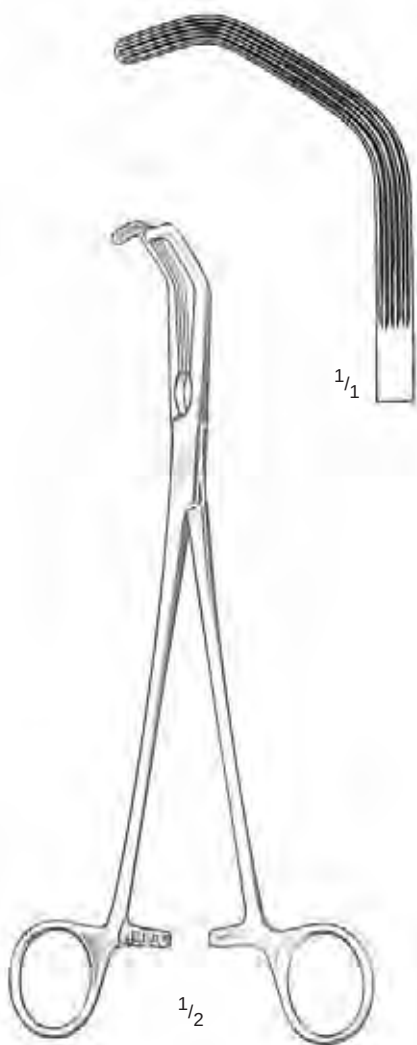
26 cm/10¼"
44-8243-26

28 cm/11"
44-8243-28

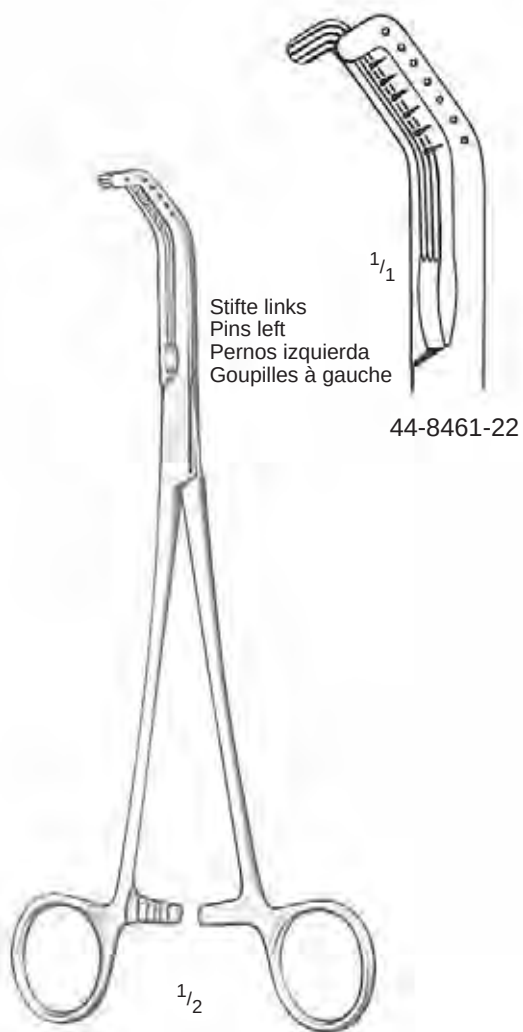


پنس ریه

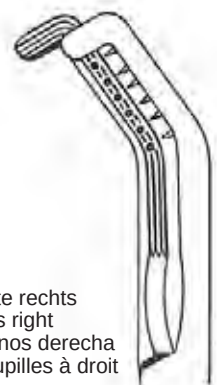
Bronchus- und Ligaturklemmen
 Bronchus and Ligature Forceps
 Pinzas para bronquios y ligaduras
 Pincas bronchiques, pincas à ligatures



Price-Thomas
 22 cm/8³/₄"
 44-8457-22



Price-Thomas
 22 cm/8³/₄"



44-8461-23

1/1

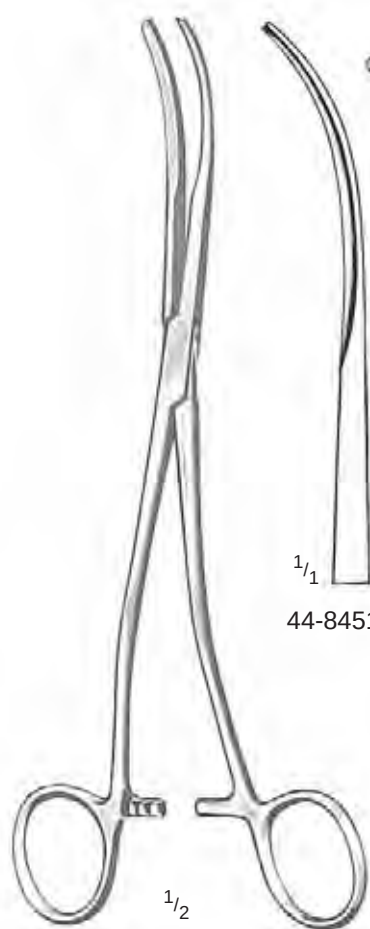
Stifte links
 Pins left
 Pernos izquierda
 Goupilles à gauche

44-8461-22

Stifte rechts
 Pins right
 Pernos derecha
 Goupilles à droit

1/2

1/2

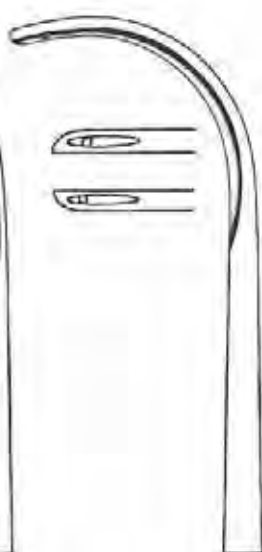


$\frac{1}{1}$

44-8451-24

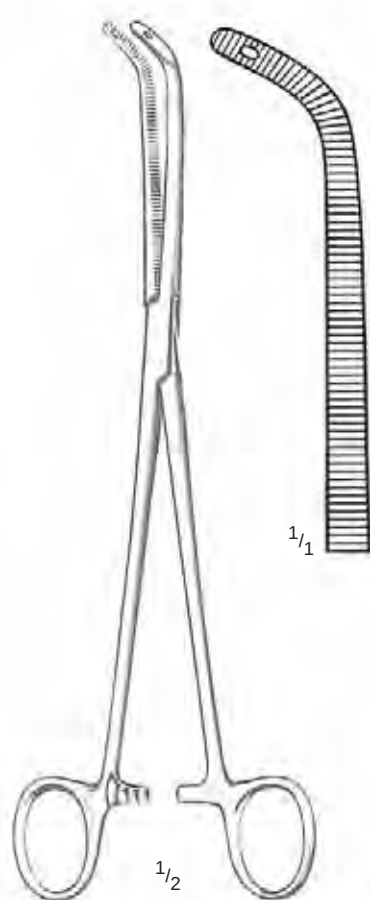
$\frac{1}{2}$

Semb
24 cm/9 $\frac{1}{2}$ "



44-8451-23

$\frac{1}{1}$



$\frac{1}{2}$

Finocchietto
24 cm/9 $\frac{1}{2}$ "
44-8455-25



(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

	Weitere instrumente siehe Seite More instruments see page Para más instrumentos véase página d' autres instruments voir page
Lungenscheren Thoracic Scissors Tijeras torácicas Ciseaux pulmonaires	54
Lungen-Faßpinzetten Lung Grasping Forceps Pinzas para coger el pulmón Pincers pour préhension du poumon	116
Bronchus- und Ligaturklemmen Bronchus and Ligature Forceps Pinzas para bronquios y ligaduras Pincers bronchiques et à ligatures	211-212
Thorax- und Aurikelklemmen Thorax and Auricle Forceps Pinzas para tórax y aurícula Pincers thoraciques et à oreillette	178-179
Atrauma-Arterien- und Bronchusklemmen Atrauma Artery and Bronchus Forceps Atrauma pinzas hemostáticas y para bronquios Atrauma pincers hémostatiques et bronchiques	192
Lungenspatel Lung Spatulas Espátulas pulmonares Valves à poumon	304-307
Rippenraspatorien Rib Raspatories Periostótomos costales Rugines costaux	418
Knochenhaltezeugen Bone Holding Forceps Pinzas para huesos, pinzas toma costillas Daviers	445-451
Atrauma Gefäßklemmen Atrauma Vascular Clamps Pinzas vasculares con bocas Atrauma pincers vasculaires à mors Atrauma	180-210
Atrauma Bulldogklemmen Atrauma Bulldog Clamps Clamps Bulldog con bocas Atrauma Clamps Bulldog à mors Atrauma	150-153
Atrauma Mikro-Bulldogklemmen Atrauma Micro Bulldog Clamps Micro-Clamps Bulldog con bocas Atrauma Micro-Clamps Bulldog à mors Atrauma	148
Lungenfasszeugen Lung Grasping Forceps Pinzas para coger el pulmón Pince-clamps au poumon	227
Atrauma Gefäßpinzetten Atrauma Vascular Forceps Atrauma Pinzas vasculares Atrauma pincers vasculaires	111-112

46



مغز و اعصاب

Hirn-und Neurochirurgie

Brain and Neuro Surgery

Cirugía cerebral, Neurocirugía

Chirurgie cérébrale, Neurochirurgie



ابزار کرانیال

Schädelzangen

Cranial Rongeurs, cranial punch

Pinzas sacabocados craneales

Pinces emporte-pièces crâniennes



Dahlgren

20 cm/8"

46-4540-20



De vilbiss

20,5 cm/8"

46-4530-21



Cone

22,5 cm/9"

46-4560-23

Schädelstanze

Cranial Punch

Pinza sacabocado craneal

Pince emporte-pièces crânienne

هوك عصب

Nerv-und Gefäßhäkchen
Nerve and Vessel Hooklets
Ganchitos para nervios y vasos
Crochets à nerfs et à vaisseaux

Galeahaken
Galea Hooks
Ganchos para galea
Crochets pour galea



Galeahaken
Galea Hooks
Ganchos para galea
Crochets pour galea



Groningen
26,5 cm/10 1/2"
46-4715-27

Groningen
26,5 cm/10 1/2"
46-4725-27



Krayen bühl
18,5 cm/7 1/4"



Fig. 1
46-4728-01

Fig. 3
46-4730-03

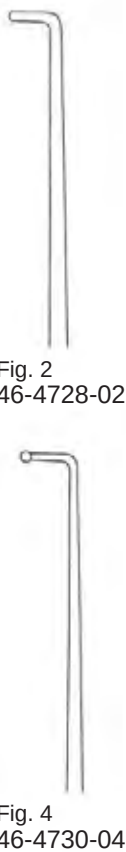


Fig. 2
46-4728-02

Fig. 4
46-4730-04

Artikel-Nr.
Cat.No.

Feder Ø
Spring Ø
Resorte Ø
Ressort Ø

Gesamtlänge
Total Length
Largo total
Longueur totale

46-4820-31
46-4820-41

7 mm
9 mm

310 mm / 12 1/4"
410 mm / 16"



اكرتور ستون فقرات

Wundspreizer für die gesamte Wirbelsäule
Self-Retaining Retractors for Vertebral Column
Separadores lumbares para columna vertebral
Ecarteurs pour la colonne vertébrale

Kugelschnellverschluss
 Ball Snap Closure
 Cierre rápido
 Verrouillage rapide à billes



46-5921-38
 Haken 38 mm
 Hook 38 mm
 Gancho 38 mm
 Crochet 38 mm



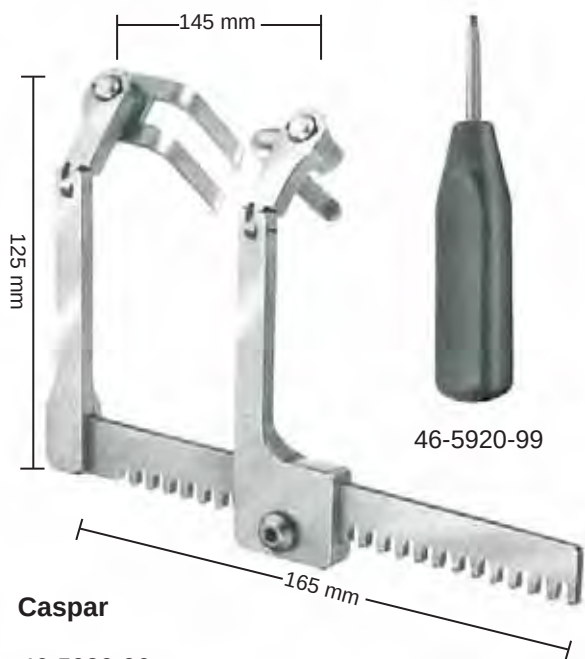
46-5921-58
 Haken 58 mm
 Hook 58 mm
 Gancho 58 mm
 Crochet 58 mm



A B

46-5922-32	32 x 22 mm
46-5922-37	37 x 22 mm
46-5922-43	43 x 22 mm
46-5922-47	47 x 22 mm
46-5922-52	52 x 22 mm
46-5922-57	57 x 22 mm
46-5922-62	62 x 22 mm
46-5922-67	67 x 22 mm

Blätter/Blades
 Valvas/Valves



Caspar

46-5920-06

Sperrer komplett, bestehend aus:
 Retractor complete, consisting of:
 Separador completo, compuesto de:
 Ecarteur complèt, se composant de:

46-5920-00 Sperrer allein
 Retractor only
 Separador suelto
 Ecarteur seul

46-5920-99 Schlüssel/key/lave/clé
 46-5921-38 Haken/hook/gancho/crochet 38 mm
 46-5922-37 Blatt/blade/valva/valve 37x22 mm
 46-5922-43 id., 43 x 22 mm
 46-5922-47 id., 47 x 22 mm
 46-5922-52 id., 52 x 22 mm
 46-5922-57 id., 57 x 22 mm



A B

46-5923-32	32 x 37 mm
46-5923-37	37 x 37 mm
46-5923-43	43 x 37 mm
46-5923-47	47 x 37 mm
46-5923-52	52 x 37 mm
46-5923-57	57 x 37 mm
46-5923-62	62 x 37 mm
46-5923-67	67 x 37 mm

Blätter/Blades
 Valvas/Valves



A B

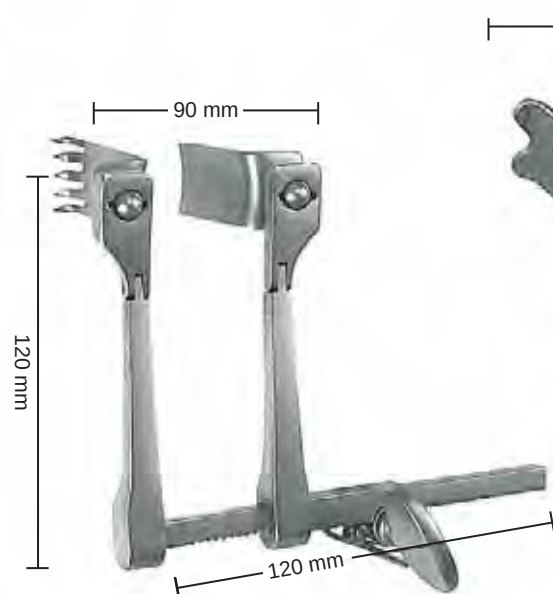
46-5924-32	32 x 52 mm
46-5924-37	37 x 52 mm
46-5924-43	43 x 52 mm
46-5924-47	47 x 52 mm
46-5924-52	52 x 52 mm
46-5924-57	57 x 52 mm
46-5924-62	62 x 52 mm
46-5924-67	67 x 52 mm

Blätter/Blades
 Valvas/Valves

Kugelschnellverschluss
 Ball Snap Closure
 Cierre rápido
 Verrouillage rapide à billes

Vorzugsweise transversal zu verwenden
 To be used preferably for transverse retraction
 Recomendamos su uso de forma transversal
 Utiliser de préférence transversalement

Vorzugsweise in Wirbelsäulen-Längsachse zu verwenden
 To be used preferably for up and down retraction
 Para uso preferente en el eje longitudinal de la columna espinal
 A utiliser de préférence dans l'axe longitudinal de la colonne vertébrale



Caspar

46-5931-10

Sperrer mit Gelenken, bestehend aus:
 Retractor, adjustable, consisting of:
 Separador ajustable que consta de:
 Ecarteur avec articulations, se composant de:

- 46-5931-00 Sperrer allein
 Retractor only
 Bastidor solo
 Ecarteur seul
- 46-5932-40 - 46-5932-60
 5 mediale Blätter
 medial blades
 valvas medialis
 valves medianes
- 46-5933-40 - 46-5933-60
 5 laterale Blätter
 lateral blades
 valvas laterales
 valves latérales

Durch Umstecken der Schraube ist der
 Sperrer von beiden Seiten verwendbar.

By reversing the screw, retractor can be
 used from both sides.

Cambiando el tornillo, se puede usar el sepa-
 rador desde ambos lados.

En changeant la position de la vis, l'écarteur
 peut être utilisé des deux cotés.



Caspar

46-5952-05

Sperrer (Spekulum-Ausführung),
 mit Gelenken, bestehend aus:
 Retractor (speculum pattern),
 adjustable, consisting of:
 Separador (modelo especulo),
 ajustable, que consta de:
 Ecarteur (modèle speculum)
 avec articulations, se composant de:

- 46-5952-00 Sperrer allein
 Retractor only
 Bastidor solo
 Ecarteur seul
- 46-5934-45 - 46-5934-65
 5 Blätter/Blades
 Valvas/Valves

Durch Umstecken der Schraube ist der
 Sperrer von beiden Seiten verwendbar.

By reversing the screw, retractor can be
 used from both sides.

Cambiando el tornillo, se puede usar el sepa-
 rador desde ambos lados.

En changeant la position de la vis, l'écarteur
 peut être utilisé des deux cotés.



Caspar

46-5953-05

Gegensperrer mit Gelenken,
 bestehend aus:
 Counter Retractor, adjustable,
 consisting of:
 Contra-separador ajustable
 que consta de:
 Contre-écarteur avec articulations
 se composant de:

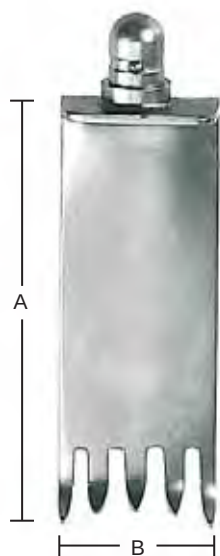
- 46-5953-00 Sperrer allein
 Retractor only
 Bastidor solo
 Ecarteur seul
- 46-5934-45 - 46-5934-65
 5 Blätter/Blades
 Valvas/Valves



تیغه اکارتور ستون فقرات

Wundspreizer für die cervicale Wirbelsäule
Retractors for Cervical Vertebral Column
Separadores lumbares para columna Cervical
Ecarteurs pour la colonne cervicale

Kugelschnellverschluss
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes



	A	B
46-5932-40	40 x 23 mm	
46-5932-45	45 x 23 mm	
46-5932-50	50 x 23 mm	
46-5932-55	55 x 23 mm	
46-5932-60	60 x 23 mm	

mediale Blätter
medial blades
valvas mediales
valves médianes



	A	B
46-5933-40	40 x 23 mm	
46-5933-45	45 x 23 mm	
46-5933-50	50 x 23 mm	
46-5933-55	55 x 23 mm	
46-5933-60	60 x 23 mm	

laterale Blätter
lateral blades
valvas laterales
valves latérales



	A	B
46-5934-45	45 x 23 mm	
46-5934-50	50 x 23 mm	
46-5934-55	55 x 23 mm	
46-5934-60	60 x 23 mm	
46-5934-65	65 x 23 mm	

stumpfe Blätter
blunt blades
valvas romas
valves mousses



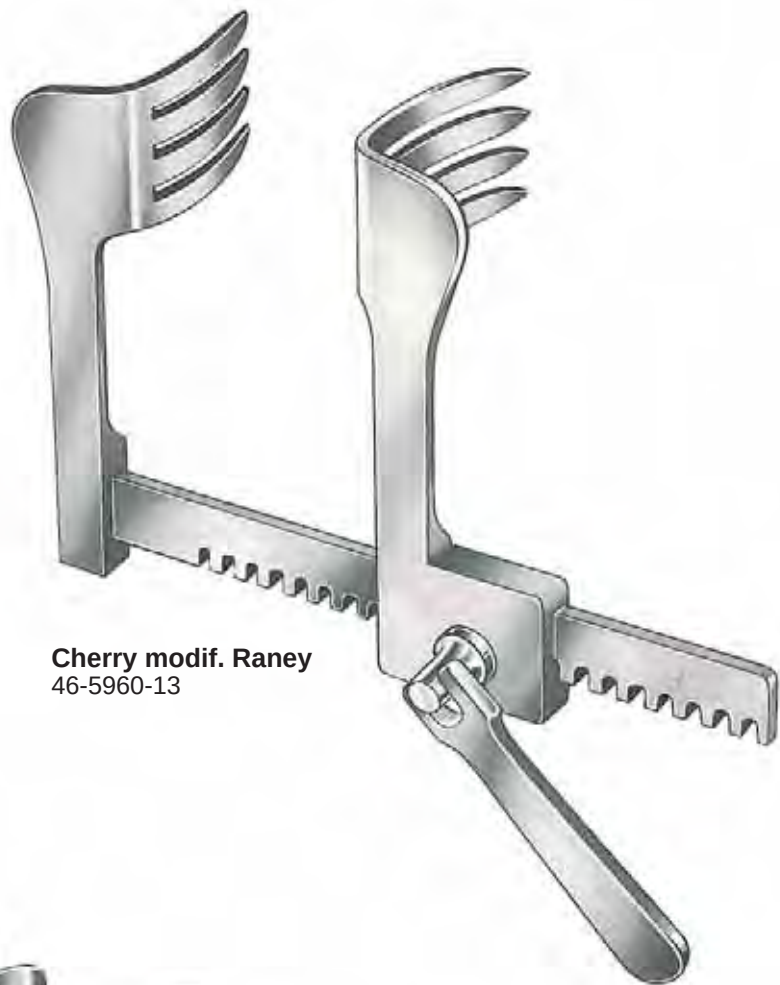
	A	B
46-5935-50	50 x 25 mm	
46-5935-60	60 x 25 mm	

stumpfe Blätter
zur Spanentnahme
am Beckenkamm
blunt blades,
for harvesting of the
fusion graft from the
iliac crest
valvas romas para la
toma de virutas de la
cresta iliaca
valves mousses pour
prélèvement de greffons
sur la crête iliaque

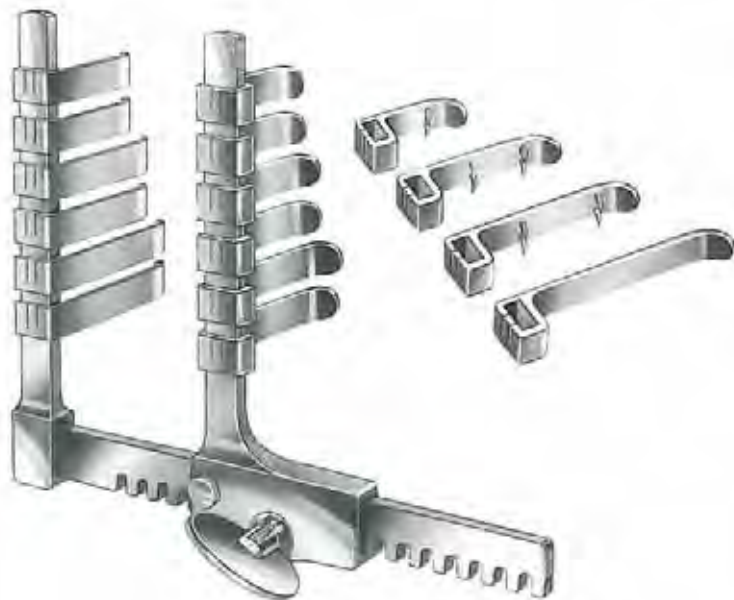
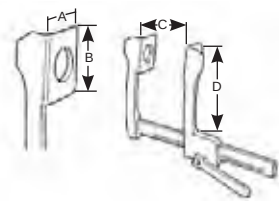


46-5953-99

Blätter-Wechselpinzette
Blade ejector
Pinza especial para
cambiar valvas de
cierre rápido a bola
Pince pour changer
les valves menues de
système de verrouillage
rapide à billes



Cherry modif. Raney
46-5960-13



46-5965-12
komplett mit je 4 Valven # 46-5965-40
complete with 4 ea blades # 46-5965-50
cpl con 4 c. u valvas # 46-5965-65
cpl. avec 4 pièces chacun de

Spreizer ohne Valven
Retractor without blades
Separador sin valvas
Ecarteur sans valves
46-5965-00

		Valven allein - Blades only valvas sueltas - valves seules				
		30	40	50	65	75
glatt plain lissa lisse	mm ^a 12	46-5965-30	46-5965-40	46-5965-50	46-5965-65	46-5965-75
	20	46-5966-30	46-5966-40	46-5966-50	46-5966-65	46-5966-75
mit Zähnen withteeth con dientes avec dents	12		46-5967-40	46-5967-50	46-5967-65	
	20		46-5968-40	46-5968-50	46-5968-65	



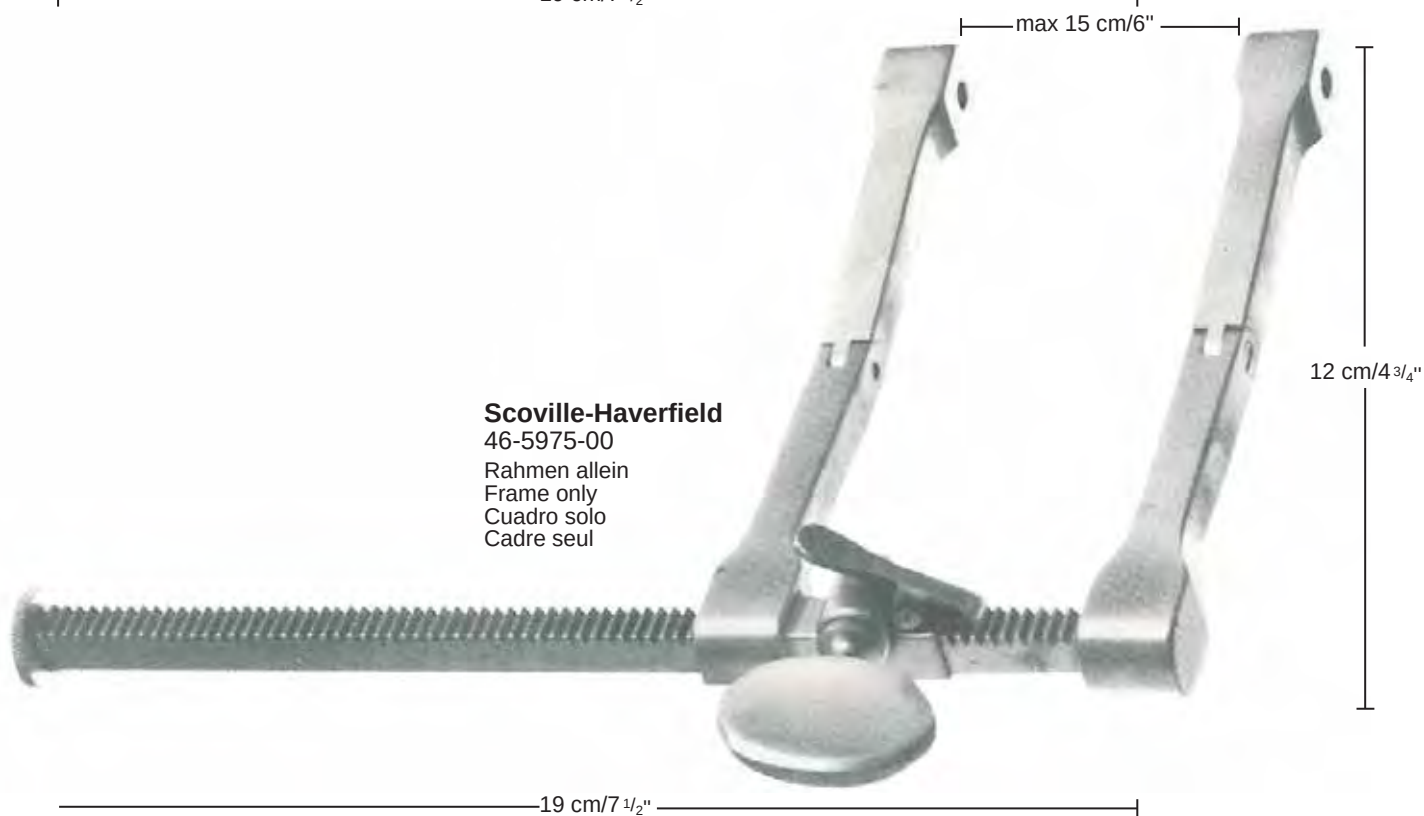
اکارتور همی لامینکتومی

Hemilaminectomiespreizer

Hemilaminectomy Retractors

Separadores para hemilaminectomía

Ecarteurs pour hémilaminectomie



انواع تیغه اکارتورهای همی لامینکتومی

Valven für Hemilaminectomiespreizer

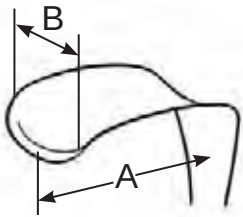
Blades for Hemilaminectomy Retractors

Valvas para separadores para hemilaminectomía

Valves pour écarteurs pour hémilaminectomie



46



spitz
sharp
agudo
pointu

Scoville

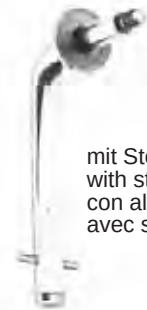
46-5983-00 50 mm, 2"
46-5983-05 60 mm, 2 1/4"
46-5983-10 70 mm, 2 3/4"
46-5983-20 75 mm, 3"



stumpf
blunt
romo
mousse

Scoville

46-5983-25 50 mm, 2"
46-5983-27 60 mm, 2 1/4"
46-5983-30 70 mm, 2 3/4"
46-5983-35 75 mm, 3"



mit Stop
with stop
con alto
avec stop

Scoville

46-5986-00 38 mm, 1 1/2"
46-5986-10 50 mm, 2"
46-5986-20 70 mm, 2 3/4"
46-5986-30 75 mm, 3"



Scoville

	A	B
46-5984-70	41 mm, 1 5/8"	38 mm, 1 1/2"
46-5984-80	67 mm, 2 5/8"	44 mm, 1 3/4"



Taylor

	A	B
46-5987-90	25 mm, 1"	41 mm, 1 5/8"
46-5988-00	44 mm, 1 3/4"	38 mm, 1 1/2"
46-5988-10	50 mm, 2"	41 mm, 1 5/8"



Taylor

	A	B
46-5984-40	48 mm, 1 7/8"	50 mm, 2"
46-5984-45	64 mm, 2 1/2"	50 mm, 2"
46-5984-50	64 mm, 2 1/2"	64 mm, 2 1/2"
46-5984-60	80 mm, 3 1/8"	57 mm, 2 1/4"



انواع تیغه اکارتورهای همی لامینکتومی

Valven für Hemilaminectomiespreizer

Blades for Hemilaminectomy Retractors

Valvas para separadores para hemilaminectomía

Valves pour écarteurs pour hémilaminectomie



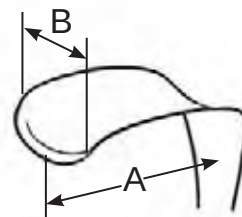
Scoville

	A	B
46-5983-60	50 mm, 2"	25 mm, 1"
46-5983-70	50 mm, 2"	50 mm, 2"
46-5983-80	57 mm, 2 1/4"	25 mm, 1"
46-5983-90	57 mm, 2 1/4"	38 mm, 1 1/4"
46-5984-00	64 mm, 2 1/2"	25 mm, 1"
46-5984-06	64 mm, 2 1/2"	29 mm, 1 1/8"
46-5984-10	64 mm, 2 1/2"	50 mm, 2"
46-5984-20	67 mm, 2 5/8"	28 mm, 1 1/8"
46-5984-22	67 mm, 2 5/8"	30 mm, 1 3/16"
46-5984-24	75 mm, 3"	25 mm, 1"
46-5984-26	75 mm, 3"	50 mm, 2"
46-5984-30	88 mm, 3 1/2"	25 mm, 1"
46-5984-32	100 mm, 4"	50 mm, 2"



Meyerding

	A	B
46-5985-00	50 mm, 2"	25 mm, 1"
46-5985-20	70 mm, 2 3/4"	25 mm, 1"
46-5985-40	83 mm, 3 1/4"	25 mm, 1"



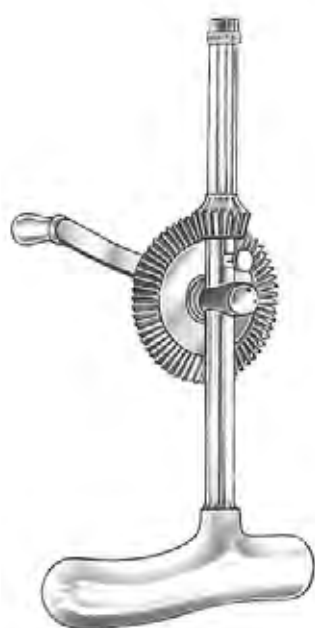
Taylor

	A	B
46-5987-00	75 mm, 3"	32 mm, 1 1/4"
46-5987-50	100 mm, 2 3/4"	42 mm, 1 5/8"



Hibbs

	A	B
46-5989-00	50 mm, 2"	19 mm, 3/4"
46-5989-05	50 mm, 2"	25 mm, 1"
46-5989-10	50 mm, 2"	50 mm, 2"
46-5989-15	64 mm, 2 1/2"	25 mm, 1"
46-5989-20	64 mm, 2 1/2"	38 mm, 1 1/2"
46-5989-25	75 mm, 3"	25 mm, 1"
46-5989-30	75 mm, 3"	38 mm, 1 1/2"
46-5989-35	75 mm, 3"	50 mm, 2"
46-5989-40	75 mm, 3"	64 mm, 2 1/2"
46-5989-45	88 mm, 3 1/2"	25 mm, 1"
46-5989-50	88 mm, 3 1/2"	38 mm, 1 1/2"
46-5989-55	100 mm, 4"	25 mm, 1"
46-5989-60	100 mm, 4"	50 mm, 2"



Stille
20 cm/8"
46-0420-00

Spiralbohrer
Twist drills
Taladros
Mèches

Fig.	000	00	0	1	2	3	4
Ø mm	1,0	1,5	2,0	2,5	3,0	3,5	4,0
75-7420.	10	15	20	25	30	35	40

Bohrwinde allein
Hand drill without twist drills
Perforador sin taladros
Perforateur sans mèches
46-0420-90

Flachfräser
Trephine
Corona
Couronne

Kugelfräser
Spherical burrs
Fresas esféricas
Fraises sphériques



Fig.	5	6	7	8	9
Ø mm	10,0	5,0	8,0	12,0	16,0
	46-0250-10	46-0430-50	46-0430-80	46-0431-20	46-0431-60

komplett mit 9 Aufsätzen Fig. 1-9
complete with 9 burrs fig. 1-9
completo con 9 fresas fig. 1-9
complet avec 9 fraises fig. 1-9



Fig.	1	2	3	4	9
Ø mm	9	14	16	22	
	46-0514-09	46-0514-14	46-0514-16	46-0514-22	46-0512-09

Verlängerungsstück
Cerebellar extension
Pieza de prolongación
Pièce de rallonge

**Hudson**

28 cm/11"

Handbohrapparat, Schnellspannfutter,
mit 4 Fräsern Fig. 1-4 und
Verlängerungsstück Fig. 9

Hand drill, snap-lock chuck,
with 4 burrs fig. 1-4 and
cerebellar extension fig. 9

Perforador de mano, mandril automático,
con 4 fresas fig. 1-4 y
pieza de prolongación fig. 9

Perforateur à main, mandrin automatique,
avec 4 fraises fig. 1-4
et pièce de rallonge fig. 9

46-0510-00

**Hudson**

27 cm/10 1/2"

Handbohrapparat, Feststellschraube,
mit 4 Fräsern fig. 1-4 und
Verlängerungsstück Fig. 9

Hand drill, with fixation screw,
with 4 burrs fig. 1-4 and
cerebellar extension fig. 9

Perforador de mano, tornillo fijación,
con 4 fresas fig. 1-4 y
pieza de prolongación fig. 9

Perforateur à main, vis à fixation,
avec 4 fraises fig. 1-4
et pièce de rallonge fig. 9

46-0520-00

**Cushing**

14 mm Ø

46-0530-14

**Adson**

2 mm Ø

46-0532-24

**McKenzie**

13 mm Ø

46-0534-13

**D'Errico**

16 mm Ø

46-0536-16



سیم اره ژینگلی

Drahtsägen, geflochten, unzerreißbar
Wire Saws, braided, untearable
Sierras de hilo metálico, hilos trenzados, irrompibles
Fils-scies, fils tressés, indéchirables

گاید ژینگلی

Einführungssonden
Conductors
Conductores
Conducteurs



Olivecrona

gelötet
soldered
soldada
soudé

cm inch.

30	12	46-1400-30	46-1404-30	46-1406-30
40	15 ^{3/4}	46-1400-40	46-1404-40	46-1406-40
50	19 ^{3/4}	46-1400-50	46-1404-50	46-1406-50
60	23 ^{1/2}	46-1400-60	46-1404-60	46-1406-60
70	27 ^{1/2}	46-1400-70	46-1404-70	46-1406-70

5:1



Gigil

grob, 4-fach geflochten
coarse, 4 wires twisted
gruesa, 4 hilos trenzados
gros, à 4 brins

5:1



Gigil

fein, 6-fach geflochten
fine, 6 wires twisted
fina, 6 hilos trenzados
fin, à 6 brins

biegsam
malleable
maleable
malléable

federnd
elastic (flexible)
elastica (flexible)
élastique (flexible)



دسته اره ژینگلی

Hakengriff, drehbar, für Drahtsägen
Hook Handle, turnable, for wire saws
Mango giratorio con gancho, para sierras de hilo metálico
Manche pivotant à crochet pour fils-scies

1/2

Gigli
46-1431-61

1/2



Lebsche
25 cm/10"
46-1420-25

1/2

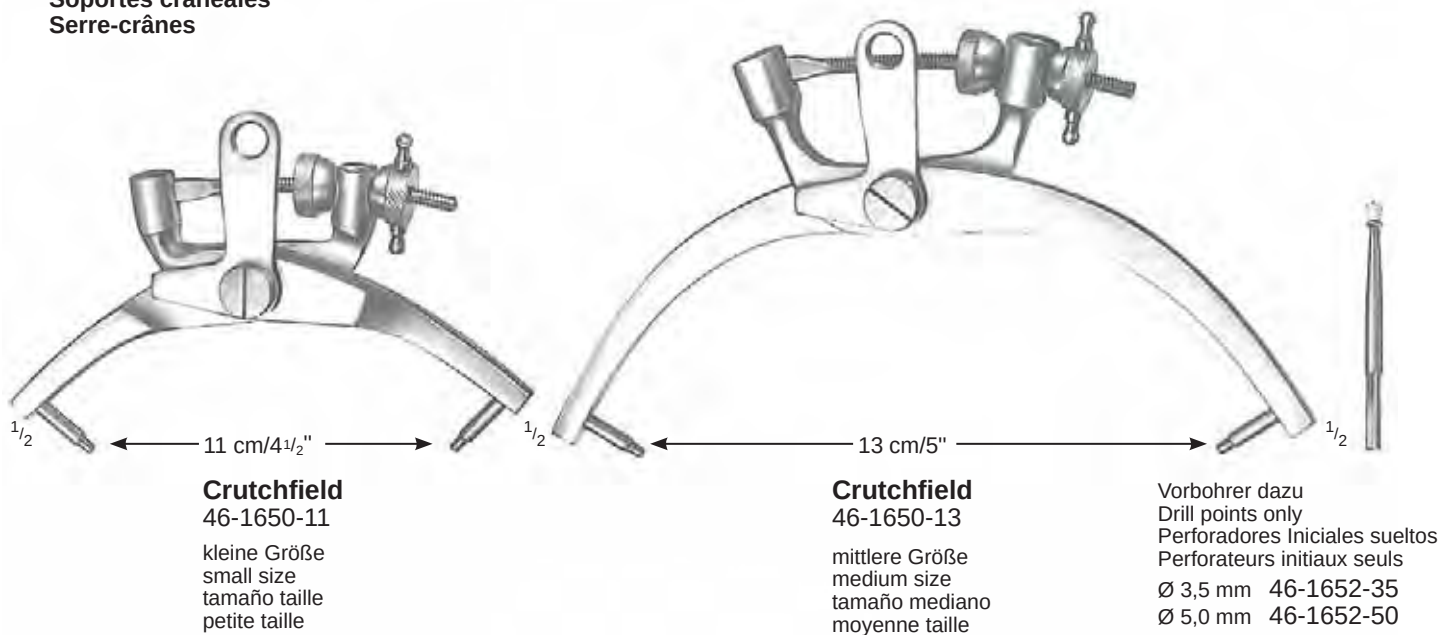


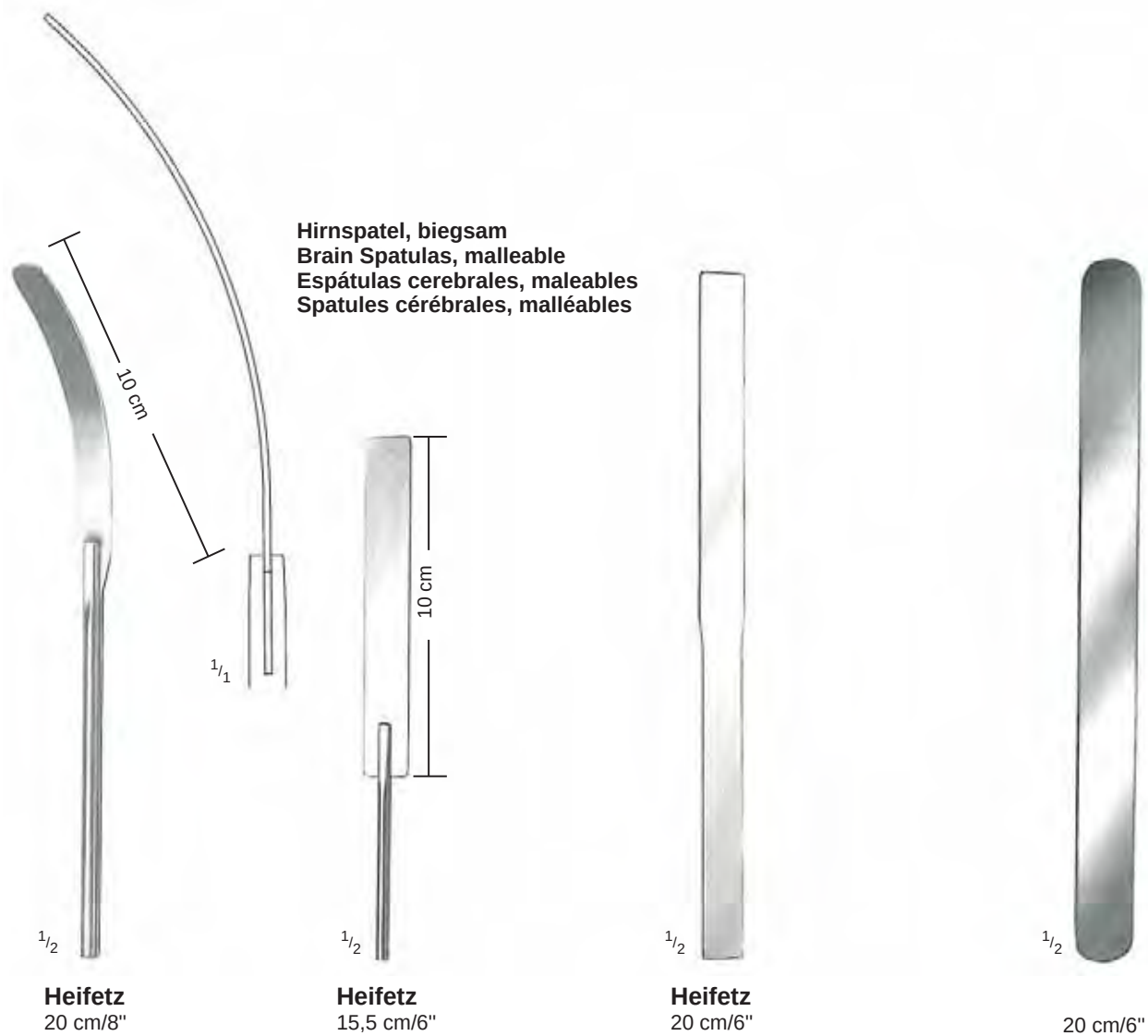
DeMartel (Bailey)
33 cm/13"
46-1422-33



تراکشن مغزی
Schädelhalter
Skull Traction Tongs
Soportes craneales
Serre-crânes

Schädelhalter
Skull Traction Tongs
Soportes craneales
Serre-crânes





Spatelbreite	
Width of spatulas	
Ancho de espátulas	
Largeur de spatules	
14 mm	46-2120-14
17 mm	46-2120-17
20 mm	46-2120-20

Spatelbreite	
Width of spatulas	
Ancho de espátulas	
Largeur de spatules	
8 mm	46-2135-08
11 mm	46-2135-11
14 mm	46-2135-14
17 mm	46-2135-17

Spatelbreite	
Width of spatulas	
Ancho de espátulas	
Largeur de spatules	
7 + 8 mm	46-2222-08
10 + 11 mm	46-2222-11
13 + 14 mm	46-2222-14
16 + 17 mm	46-2222-17
19 + 20 mm	46-2222-20
22 + 25 mm	46-2222-25

Spatelbreite	
Width of spatulas	
Ancho de espátulas	
Largeur de spatules	
12 mm	46-2780-12
17 mm	46-2780-17



اسپاچولای مغزی

Hirnspatel, biegsam

Brain Spatulas, malleable

Espátulas cerebrales, maleables

Spatules cérébrales, malléables



konkav
concave
concavas
concaves

Olivecrona

18 cm/7"

Spatelbreite
Width of spatulas
Ancho de espátulas
Largeur de spatules

7 mm + 9 mm 46-2253-07

11 mm + 13 mm 46-2253-11

15 mm + 18 mm 46-2253-15

18 mm + 22 mm 46-2253-18



konvex
convexe
convexas
convexes

Olivecrona

18 cm/7"

Spatelbreite
Width of spatulas
Ancho de espátulas
Largeur de spatules

7 mm + 9 mm 46-2255-07

11 mm + 13 mm 46-2255-11

15 mm + 18 mm 46-2255-15

18 mm + 22 mm 46-2255-18



Olivecrona

18 cm/7"

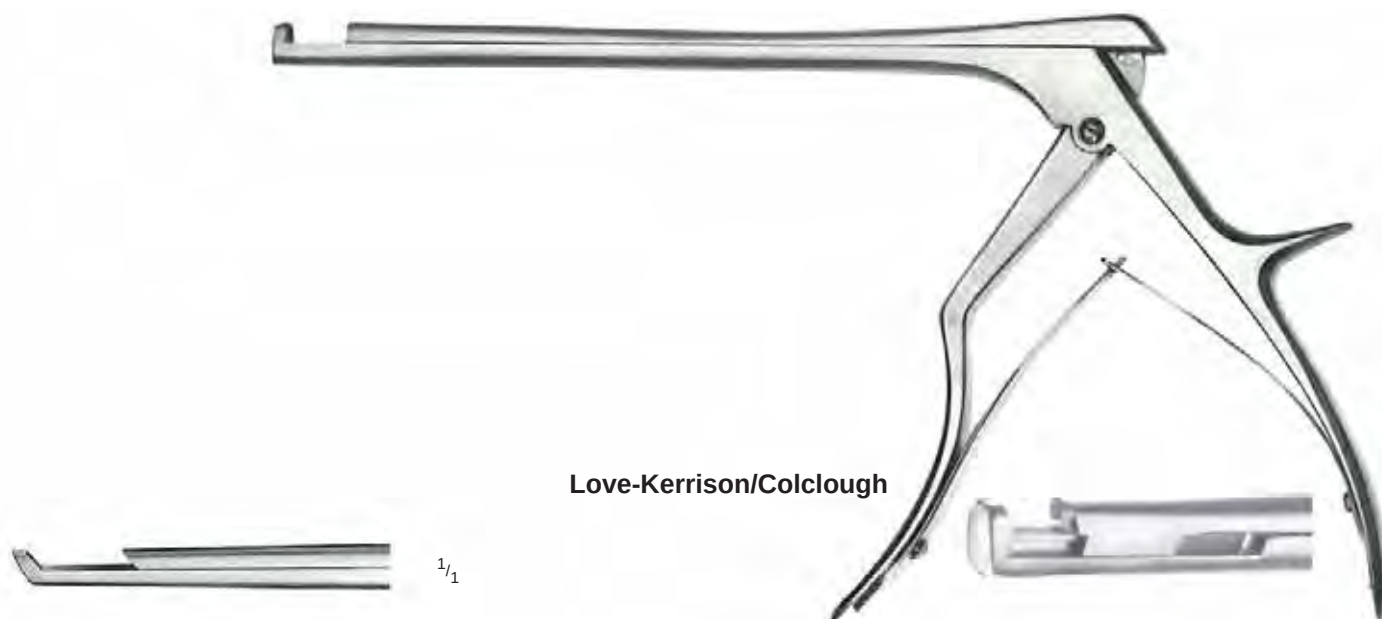
Spatelbreite
Width of spatulas
Ancho de espátulas
Largeur de spatules

7 mm + 9 mm 46-2258-07

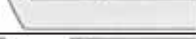
11 mm + 13 mm 46-2258-11

15 mm + 18 mm 46-2258-15

18 mm + 22 mm 46-2258-18



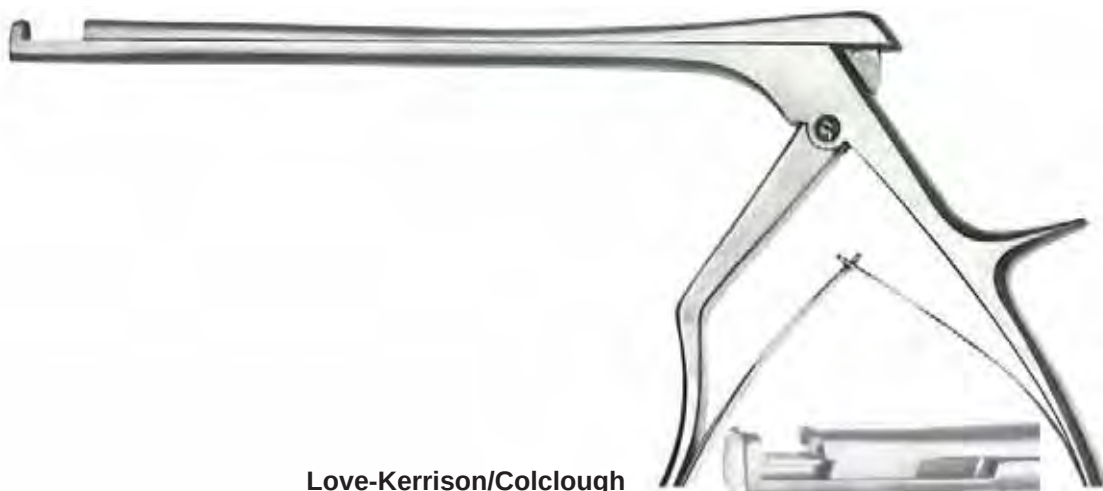
Love-Kerrison/Colclough

40°	aufwärts upbite arriba en haut	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"	با زبانه تخلیه With Ejector 18 cm, 7"	با زبانه تخلیه With Ejector 20 cm, 8"
		1 mm	46-3135-21	46-3138-11	46-3140-21	46-3139-11	46-3141-21
		2 mm	46-3135-22	46-3138-22	46-3140-22	46-3139-22	46-3141-22
		3 mm	46-3135-23	46-3138-23	46-3140-23	46-3139-23	46-3141-23
		4 mm	46-3135-24	46-3138-24	46-3140-24	46-3139-24	46-3141-24
		5 mm	46-3135-25	46-3138-25	46-3140-25	46-3139-25	46-3141-25
		6 mm	46-3135-26	46-3138-26	46-3140-26	46-3139-26	46-3141-26



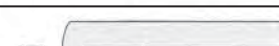
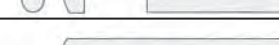
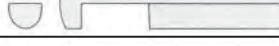
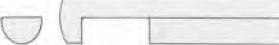
With outside T-Slot and Ejector

40°	abwärts downbite abajo en bas	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"
		1 mm	-	46-3138-21	46-3140-31
		2 mm	-	46-3138-32	46-3140-32
		3 mm	-	46-3138-33	46-3140-33
		4 mm	-	46-3138-34	46-3140-34
		5 mm	-	46-3138-35	46-3140-35
		6 mm	-	46-3138-36	46-3140-36

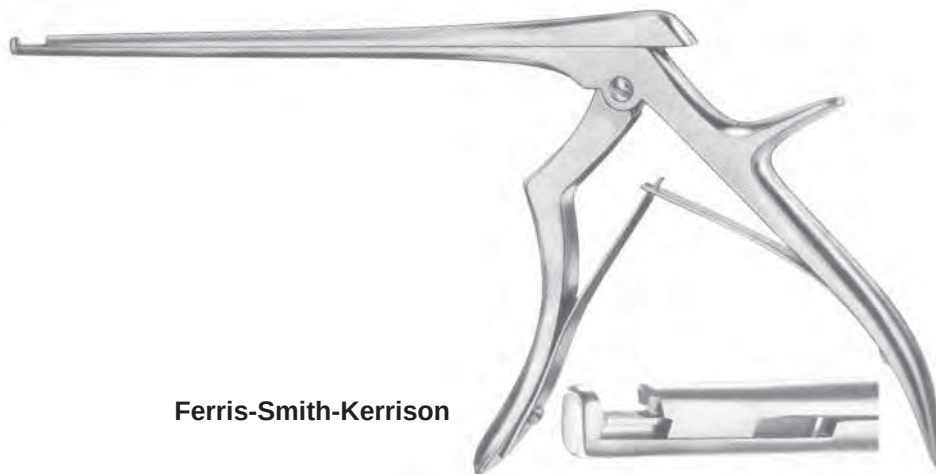


Love-Kerrison/Colclough

90°	aufwärts upbite arriba en haut	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"	با زبانه تخلیه With Ejector 18 cm, 7"	با زبانه تخلیه With Ejector 20 cm, 8"
		1 mm	46-3155-01	46-3158-01	46-3160-01	46-4158-01	46-4160-01
		2 mm	46-3155-02	46-3158-02	46-3160-02	46-4158-02	46-4160-02
		3 mm	46-3155-03	46-3158-03	46-3160-03	46-4158-03	46-4160-03
		4 mm	46-3155-04	46-3158-04	46-3160-04	46-4158-04	46-4160-04
		5 mm	46-3155-05	46-3158-05	46-3160-05	46-4158-05	46-4160-05
		6 mm	46-3155-06	46-3158-06	46-3160-06	46-4158-06	46-4160-06

90°	abwärts downbite abajo en bas	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"
		1 mm	46-3155-11	46-3158-11	46-3160-11
		2 mm	46-3155-12	46-3158-12	46-3160-12
		3 mm	46-3155-13	46-3158-13	46-3160-13
		4 mm	46-3155-14	46-3158-14	46-3160-14
		5 mm	46-3155-15	46-3158-15	46-3160-15
		6 mm	46-3155-16	46-3158-16	46-3160-16

With outside T-Slot and Ejector



Ferris-Smith-Kerrison

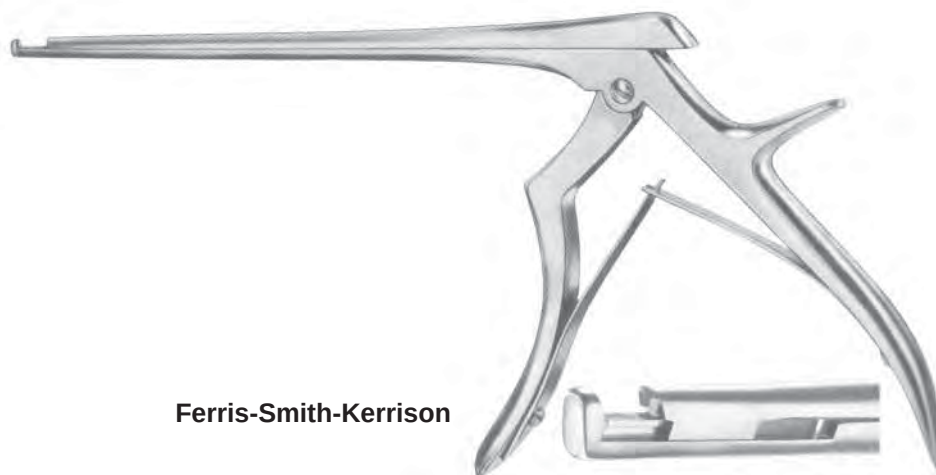


40°	aufwärts upbite arriba en haut	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"	با زبانه تخلیه With Ejector 18 cm, 7"	با زبانه تخلیه With Ejector 20 cm, 8"
		1 mm	46-3136-21	46-3142-11	46-3143-21	46-3137-11	46-3144-21
		2 mm	46-3136-22	46-3142-22	46-3143-22	46-3137-22	46-3144-22
		3 mm	46-3136-23	46-3142-23	46-3143-23	46-3137-23	46-3144-23
		4 mm	46-3136-24	46-3142-24	46-3143-24	46-3137-24	46-3144-24
		5 mm	46-3136-25	46-3142-25	46-3143-25	46-3137-25	46-3144-25
		6 mm	46-3136-26	46-3142-26	46-3143-26	46-3137-26	46-3144-26

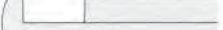


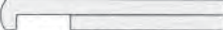
With outside T-Slot and Ejector

40°	abwärts downbite abajo en bas	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"
		1 mm	-	46-3142-21	46-3143-31
		2 mm	-	46-3142-32	46-3143-32
		3 mm	-	46-3142-33	46-3143-33
		4 mm	-	46-3142-34	46-3143-34
		5 mm	-	46-3142-35	46-3143-35
		6 mm	-	46-3142-36	46-3143-36

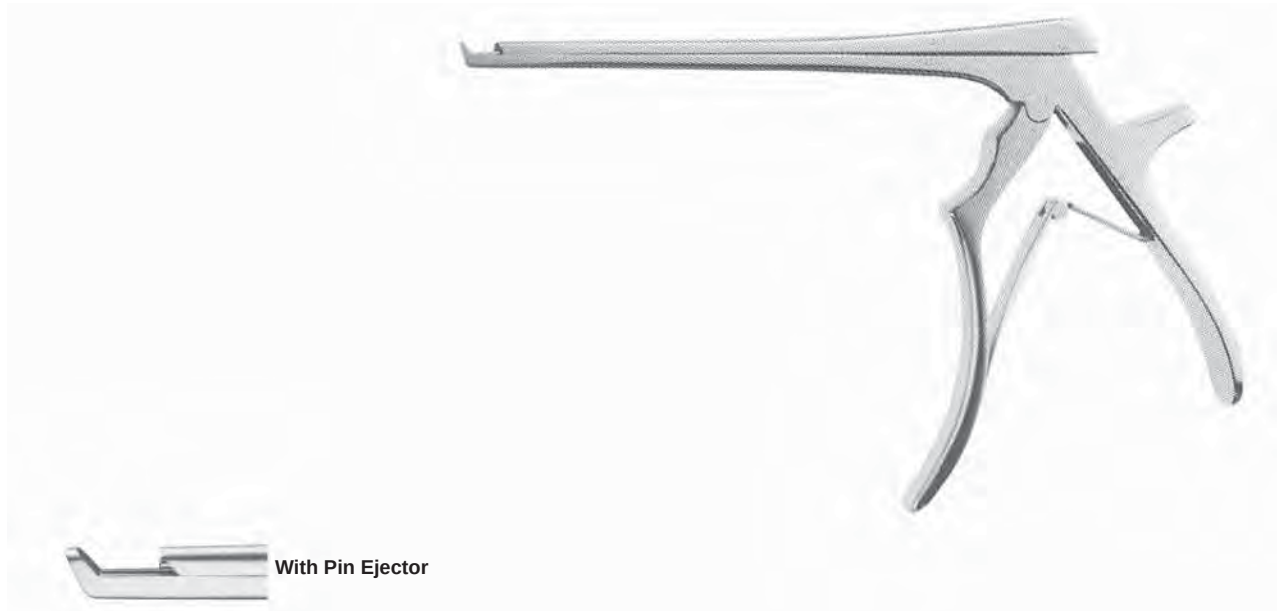


Ferris-Smith-Kerrison

90°	aufwärts upbite arriba en haut	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"	با زبانه تخلیه With Ejector 18 cm, 7"	با زبانه تخلیه With Ejector 20 cm, 8"
		1 mm	46-3156-01	46-3159-01	46-3161-01	46-4159-01	46-4161-01
		2 mm	46-3156-02	46-3159-02	46-3161-02	46-4159-02	46-4161-02
		3 mm	46-3156-03	46-3159-03	46-3161-03	46-4159-03	46-4161-03
		4 mm	46-3156-04	46-3159-04	46-3161-04	46-4159-04	46-4161-04
		5 mm	46-3156-05	46-3159-05	46-3161-05	46-4159-05	46-4161-05
		6 mm	46-3156-06	46-3159-06	46-3161-06	46-4159-06	46-4161-06

90°	abwärts downbite abajo en bas	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"
		1 mm	46-3156-11	46-3159-11	46-3161-11
		2 mm	46-3156-12	46-3159-12	46-3161-12
		3 mm	46-3156-13	46-3159-13	46-3161-13
		4 mm	46-3156-14	46-3159-14	46-3161-14
		5 mm	46-3156-15	46-3159-15	46-3161-15
		6 mm	46-3156-16	46-3159-16	46-3161-16

**With outside T-Slot and
Ejector**



40°	abwärts downbite abajo en bas	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"	Bißbreite Width of bite Ancho de la boca Grandeur de coupe
		2.0 mm	46-3162-20	46-3164-20	46-3166-20	46-3168-20
		2.5 mm	46-3162-25	46-3164-25	46-3166-25	46-3168-25
		3.0 mm	46-3162-30	46-3164-30	46-3166-30	46-3168-30
		4.0 mm	46-3162-40	46-3164-40	46-3166-40	46-3168-40
		5.0 mm	46-3162-50	46-3164-50	46-3166-50	46-3168-50
		6 mm	46-3162-60	46-3164-60	46-3166-60	46-3168-60

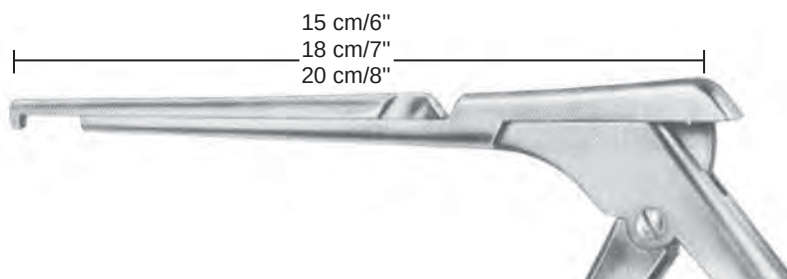
کریسون پانچ (پانچ دیسک)

Laminektomiestanzen

Laminectomy punches

Pinzas cortantes para laminectomía

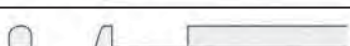
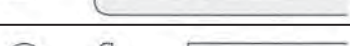
Pinces emporte-pièces à laminectomie



vorwärts schneidend 90° angled forward 90° corte hacia arriba 90° coudée en avant 90°	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 15 cm, 6"	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"
	46-3170-15	3 mm	46-3170-18	46-3170-20
	46-3170-25	5 mm	46-3170-35	46-3170-4-5

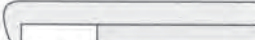


Ferris-Smith-Kerrison/Micro-Kerrison

90° aufwärts upbite arriba en haut	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 28 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 30 cm, 12"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 33 cm, 13"
	1 mm	46-3171-01	46-3172-01	46-3173-01
	2 mm	46-3171-02	46-3172-02	46-3173-02
	3 mm	46-3171-03	46-3172-03	46-3173-03
	4 mm	46-3171-04	46-3172-04	46-3173-04
	5 mm	46-3171-05	46-3172-05	46-3173-05
	6 mm	46-3171-06	46-3172-06	46-3173-06



Ferris-Smith-Kerrison/Micro-Kerrison

90°	abwärts downbite abajo en bas	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 28 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 30 cm, 12"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 33 cm, 13"
		1 mm	46-3174-11	46-3175-11	46-3176-11
		2 mm	46-3174-12	46-3175-12	46-3176-12
		3 mm	46-3174-13	46-3175-13	46-3176-13
		4 mm	46-3174-14	46-3175-14	46-3176-14
		5 mm	46-3174-15	46-3175-15	46-3176-15
		6 mm	46-3174-16	46-3175-16	46-3176-16

40°	aufwärts upbite arriba en haut	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 28 cm, 6"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 30 cm, 12"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 33 cm, 13"
		1 mm	46-3174-21	46-3175-21	46-3176-21
		2 mm	46-3174-22	46-3175-22	46-3176-22
		3 mm	46-3174-23	46-3175-23	46-3176-23
		4 mm	46-3174-24	46-3175-24	46-3176-24
		5 mm	46-3174-25	46-3175-25	46-3176-25
		6 mm	46-3174-26	46-3175-26	46-3176-26



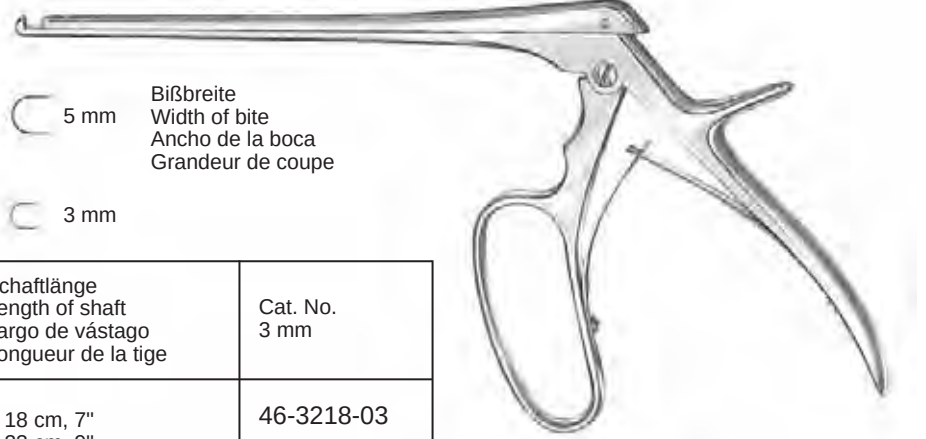
کریسون پانچ (پانچ دیسک)

Laminektomiestanzen

Laminectomy punches

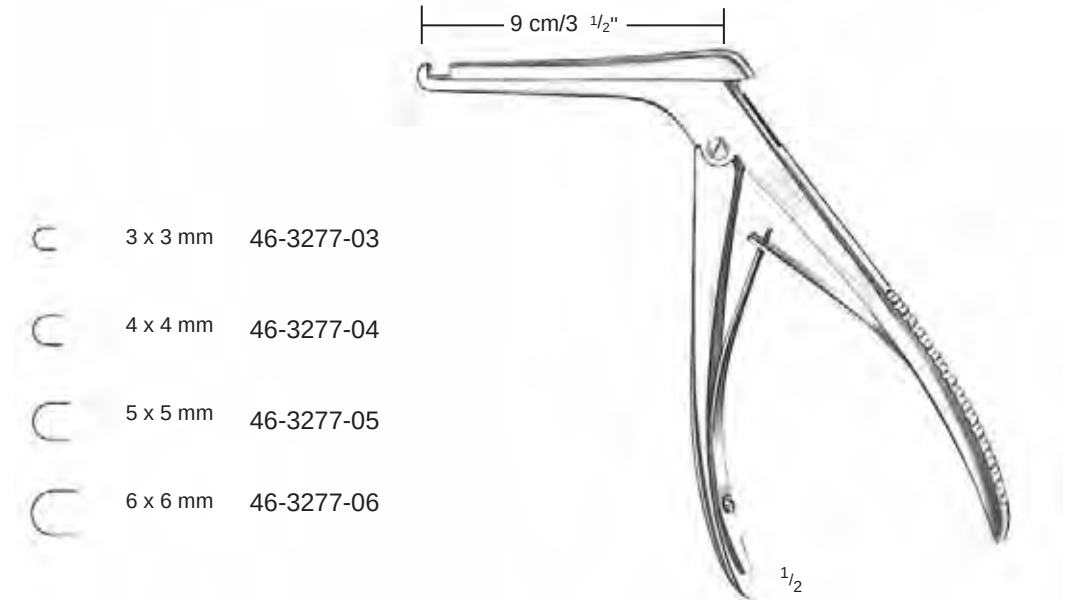
Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie



Ferris-Smith-Kerrison

	Cat. No. 5 mm	Schaftlänge Length of shaft Largo de vástago Longueur de la tige	Cat. No. 3 mm
aufwärts upbite arriba en haut	46-3218-05 46-3223-05	18 cm, 7" 23 cm, 9"	46-3218-03
abwärts downbite abajo en bas	46-3218-15 46-3223-15	18 cm, 7" 23 cm, 9"	46-3218-13
vorwärts 40° forward 40° adelante 40° en avant 40°	46-3218-25 46-3223-25	18 cm, 7" 23 cm, 9"	46-3218-23



Kerrison

کریسون پانچ (پانچ دیسک بازشو)

Laminektomiestanzen

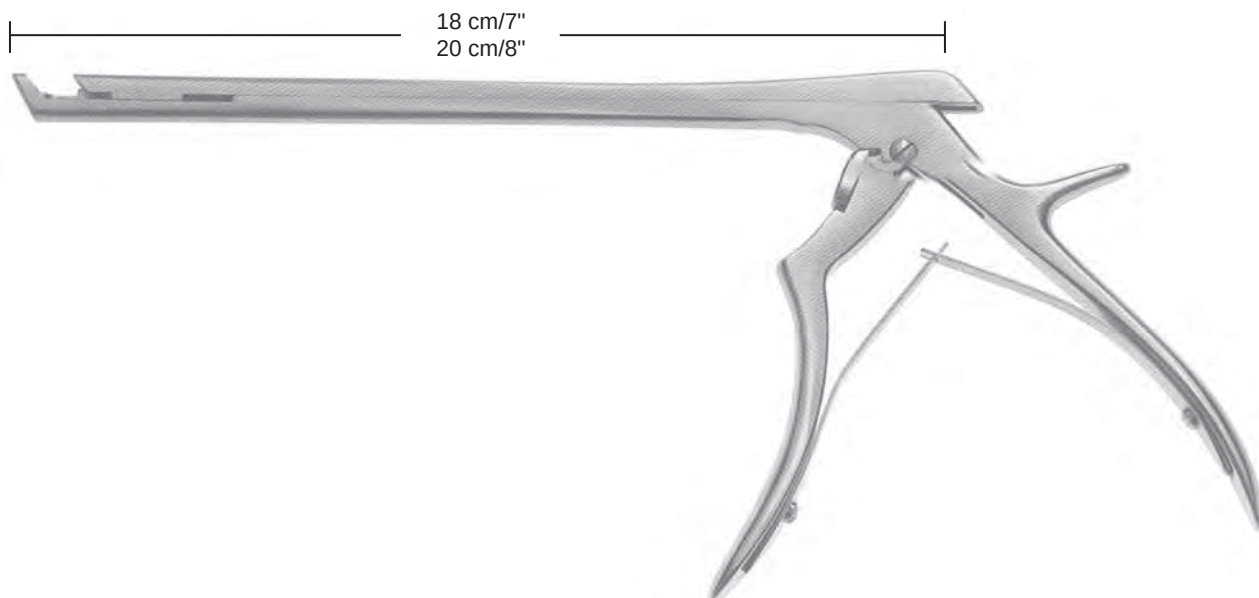
Laminectomy punches, Detachable

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie



46



vorwärts schneidend 40° angled forward 40° corte hacia arriba 40° coudée en avant 40°	Bißbreite Width of bite Ancho de la boca Grandeur de coupe	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 18 cm, 7"	Schaftlänge Length of shaft Largo de vástago Longueur de la tige 20 cm, 8"	با زبانه تخلیه With Ejector 18 cm, 7"	با زبانه تخلیه With Ejector 20 cm, 8"
	1 mm	46-4258-11	46-4260-11	46-4259-11	46-4261-11
	2 mm	46-4258-22	46-4260-22	46-4259-22	46-4261-22
	3 mm	46-4258-23	46-4260-23	46-4259-23	46-4261-23
	4 mm	46-4258-24	46-4260-24	46-4259-24	46-4261-24
	5 mm	46-4258-25	46-4260-25	46-4259-25	46-4261-25
	6 mm	46-4258-26	46-4260-26	46-4259-26	46-4261-26



Zerlegbare Ferris-Smith-Stanzen

Detachable Ferris-Smith-Rongeurs

Pinzas cortantes Ferris-Smith (laminótomos) desmontables

Pinces emporte-pièces Ferris-Smith (Micro-Kerrison) démontables



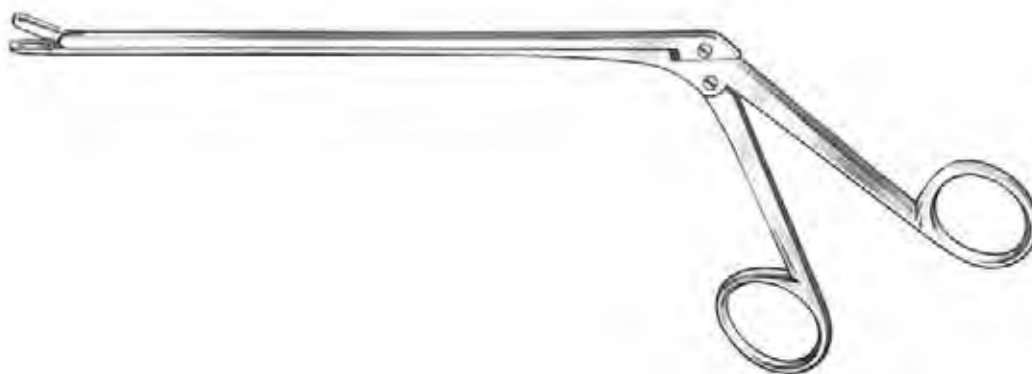
پیتوتیری روتور لامینکتومی

Laminektomie-Zangen

Laminectomy Rongeurs

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie



gerade
straight
rectas
droites

$\frac{1}{1}$



aufwärts
upward
hacia arriba
en haut



abwärts
downward
hacia abajo
en bas



Cushing

2,0 x 10 mm



46-3313-02 = 13 cm/5"

46-3415-02 = 15 cm/6"

46-3518-02 = 18 cm/7"

46-3313-12 = 13 cm/5"

46-3415-12 = 15 cm/6"

46-3518-12 = 18 cm/7"

46-3313-22 = 13 cm/5"

46-3415-22 = 15 cm/6"

46-3518-22 = 18 cm/7"

$\frac{1}{1}$



Love-Gruenwald

3,0 x 10 mm



46-3313-03 = 13 cm/5"

46-3415-03 = 15 cm/6"

46-3518-03 = 18 cm/7"

46-3313-13 = 13 cm/5"

46-3415-13 = 15 cm/6"

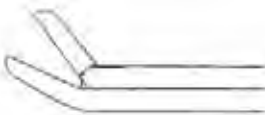
46-3518-13 = 18 cm/7"

46-3313-23 = 13 cm/5"

46-3415-23 = 15 cm/6"

46-3518-23 = 18 cm/7"

$\frac{1}{1}$



Love-Gruenwald

4,0 x 10 mm

46-3313-04 = 13 cm/5"

46-3415-04 = 15 cm/6"

46-3518-04 = 18 cm/7"

46-3313-14 = 13 cm/5"

46-3415-14 = 15 cm/6"

46-3518-14 = 18 cm/7"

46-3313-24 = 13 cm/5"

46-3415-24 = 15 cm/6"

46-3518-24 = 18 cm/7"

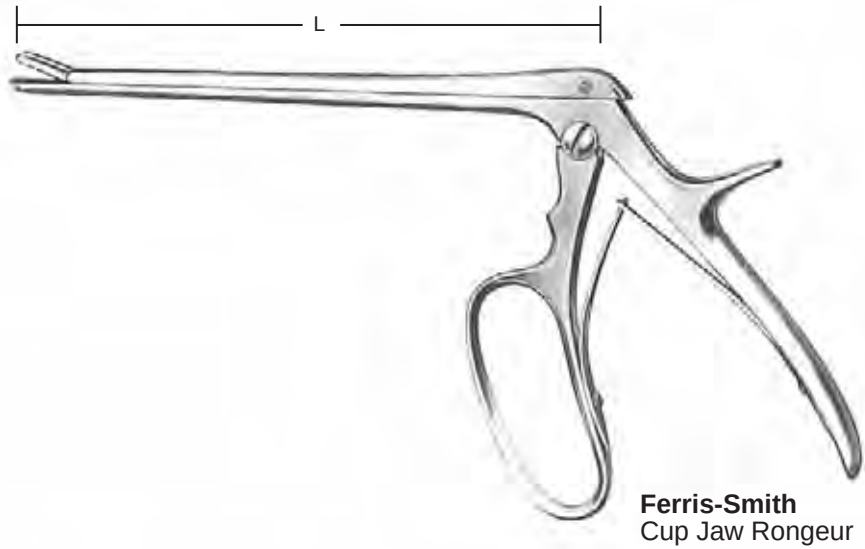
Love-Gruenwald

5,0 x 10 mm

46-3518-05 = 18 cm/7"

46-3518-15 = 18 cm/7"

46-3518-25 = 18 cm/7"



Ferris-Smith
Cup Jaw Rongeur

gerade
straight
rectas
droites

aufwärts
upward
hacia arriba
en haut

abwärts
downward
hacia abajo
en bas

$\frac{1}{1}$

L = 18 cm/7"



2,0 x 10 mm
3,0 x 10 mm
4,0 x 10 mm
5,0 x 10 mm
6,0 x 10 mm

46-3718-02
46-3718-03
46-3718-04
46-3718-05
46-3718-06

46-3718-12
46-3718-13
46-3718-14
46-3718-15
46-3718-16

46-3718-22
46-3718-23
46-3718-24
46-3718-25
46-3718-26

L = 20 cm/8"



2,0 x 10 mm
3,0 x 10 mm
4,0 x 10 mm
5,0 x 10 mm
6,0 x 10 mm

46-3720-02
46-3720-03
46-3720-04
46-3720-05
46-3720-06

46-3720-12
46-3720-13
46-3720-14
46-3720-15
46-3720-16

46-3720-22
46-3720-23
46-3720-24
46-3720-25
46-3720-26



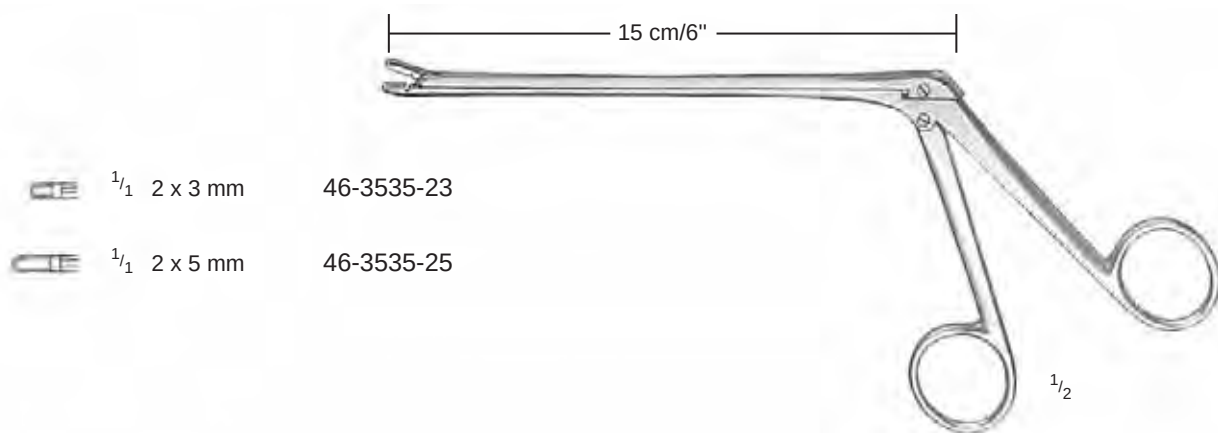
پیتوتتری روتزور لامینکتومی

Laminektomie-Zangen

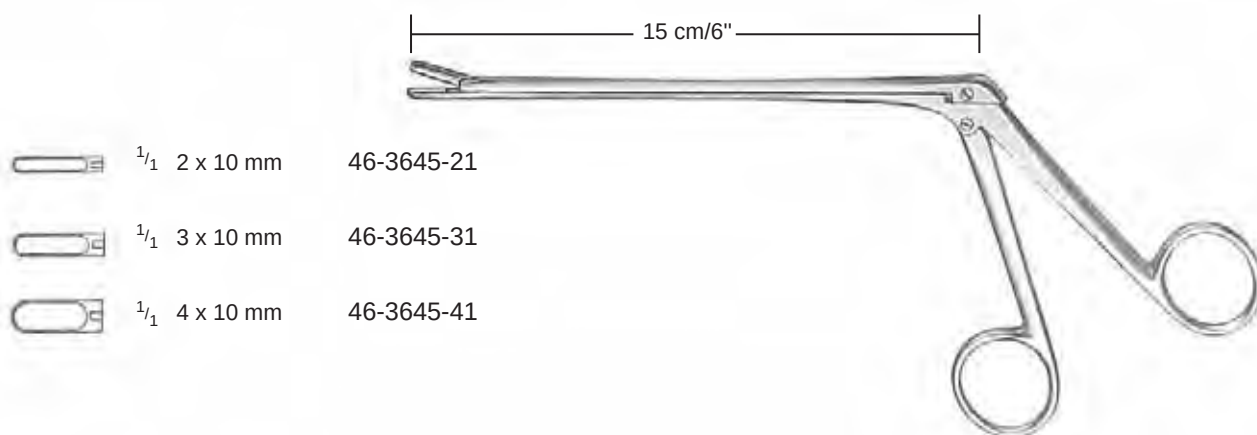
Laminectomy Rongeurs

Pinzas cortantes para laminectomía

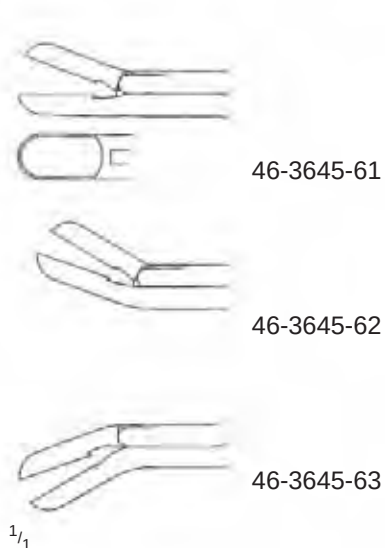
Pinces emporte-pièces à laminectomie



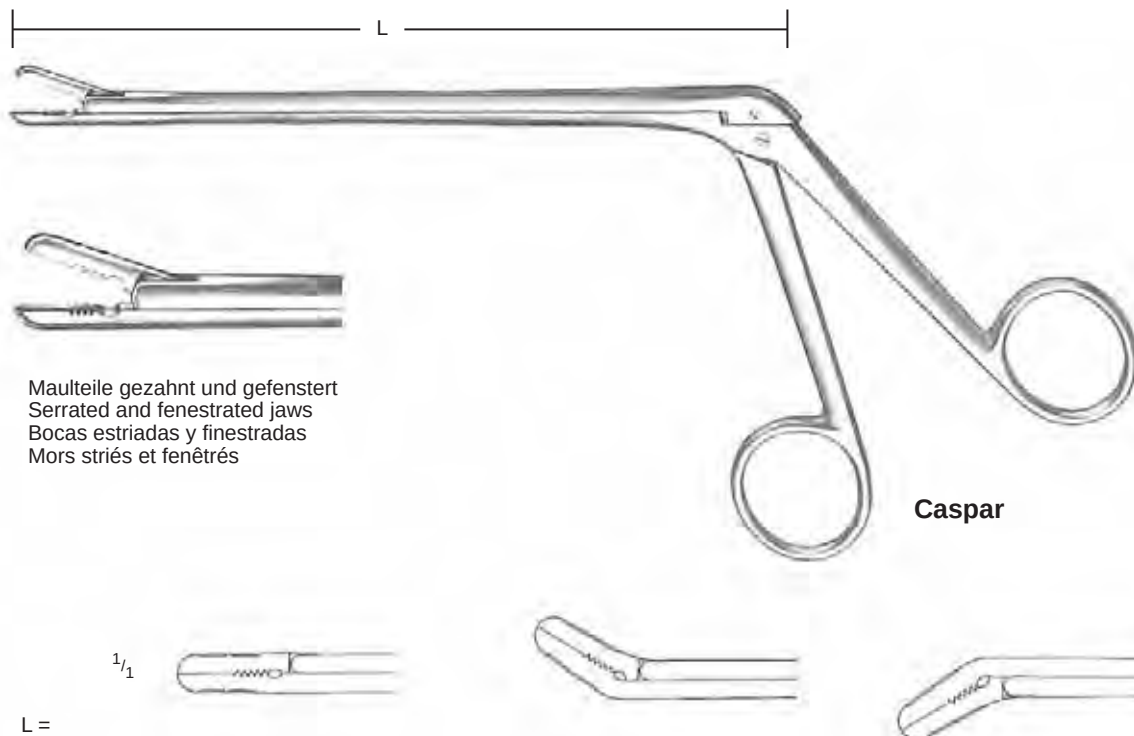
Selverstone



Schlesinger



Cloward
6 x 10 mm



	140 mm/5 $\frac{1}{2}$ "	46-3684-02	46-3684-12	46-3684-32
	160 mm/6 $\frac{1}{4}$ "	46-3686-02	46-3686-12	46-3686-32
	185 mm/7 $\frac{1}{4}$ "	46-3688-02	46-3688-12	46-3688-32
	140 mm/5 $\frac{1}{2}$ "	46-3684-03	46-3684-13	46-3684-33
	160 mm/6 $\frac{1}{4}$ "	46-3686-03	46-3686-13	46-3686-33
	185 mm/7 $\frac{1}{4}$ "	46-3688-03	46-3688-13	46-3688-33
	140 mm/5 $\frac{1}{2}$ "	46-3684-04	46-3684-14	46-3684-34
	160 mm/6 $\frac{1}{4}$ "	46-3686-04	46-3686-14	46-3686-34
	185 mm/7 $\frac{1}{4}$ "	46-3688-04	46-3688-14	46-3688-34
	140 mm/5 $\frac{1}{2}$ "	46-3684-05	46-3684-15	46-3684-35
	160 mm/6 $\frac{1}{4}$ "	46-3686-05	46-3686-15	46-3686-35
	185 mm/7 $\frac{1}{4}$ "	46-3688-05	46-3688-15	46-3688-35
	140 mm/5 $\frac{1}{2}$ "	46-3684-06	46-3684-16	46-3684-36
	160 mm/6 $\frac{1}{4}$ "	46-3686-06	46-3686-16	46-3686-36
	185 mm/7 $\frac{1}{4}$ "	46-3688-06	46-3688-16	46-3688-36

unteres Maulteil beweglich
lower part of jaw movable
boca inferior móvil
mors inférieur mobil

**Cushing-Landolt**

46-5707-15	70 x 15 mm
46-5709-15	90 x 15 mm
46-5711-15	110 x 15 mm

Spekula für trans-sphenoidale Hypophysektomie
Specula for trans-sphenoidal hypophysectomy
Especulos para hipofisectomía trans-esfenoidal
Spéculums pour l'hypophysectomie trans-sphenoidale

14 cm/5½"

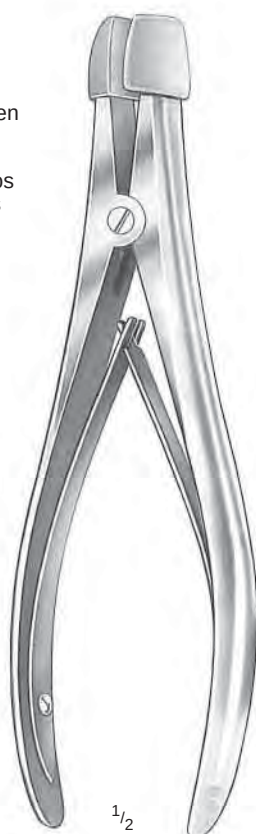


Landolt
21,5 cm/8½"
46-5714-21



Landolt
22 cm/8¾"
46-5720-22

Spreizzange zum Spreizen
der Spekula
Spreader for specula
Separador para especulos
Ecarteur pour spéculums



Landolt
21 cm/8¼"
46-5713-21



Cottle
18 cm/7"
15-1418-54



Cottle
19 cm/7½"
15-0039-24

30 mm Ø
240 g (8½ oz.)

1 Seite flach
1 Seite konvex
1 side flat
1 side convex
1 lado plano
1 lado convexo
1 face plate
1 face convexe



Papavero-Caspar

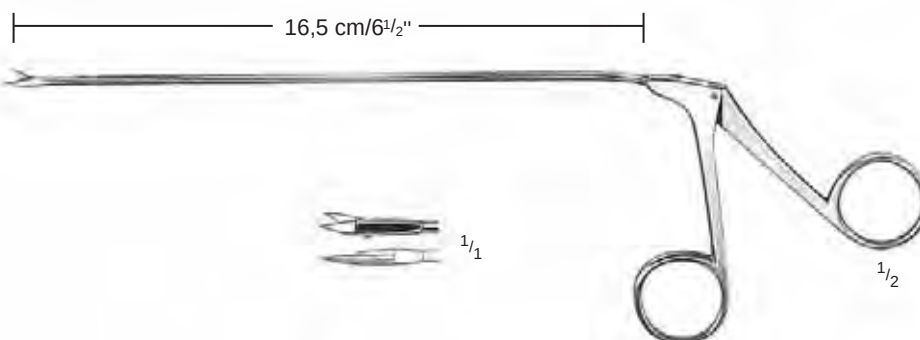
46-5808-11	80 x 11 mm
46-5809-13	90 x 13 mm
46-5810-15	100 x 15 mm

Spekula für trans-sphenoidale Hypophysectomie
Specula for trans-sphenoidal hypophysectomy
Especulos para hipofisectomía trans-esfenoidal
Spéculum pour l'hypophysectomie trans-sphenoidale

Spreizer für Spekula
Spreader for specula
Separador para especulos
Ecarteur pour spéculum



Papavero-Hartmann 46-5810-50



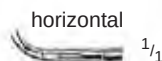
Nicola

46-6120-03
Schere, gerade
Scissors, straight
Tijeras rectas
Ciseaux droites

Fahlbusch

46-6120-77
Mikro-Scherchen mit Rohrschaft,
sehr feines Modell
Micro Scissors with tubular shaft,
extra delicate pattern
Micro-tijeras con vástago tubular
Micro-ciseaux à tige tubulaire

aufgebogen
angled up
hacia arriba
en haut



Yasargil-Nicola

46-6122-05
Faßzange mit feinem Maul
Forceps, long conical jaws
Pinza para coger, fina
Pince à préhension, fine et conique



Nicola

46-6124-02
Löffelzängchen, fein
Delicate Cup-shaped Forceps
Pinzas finas bocas cureta
Pincas fines mors curette



Ø 2,5 mm



ابزار هيپوفيز

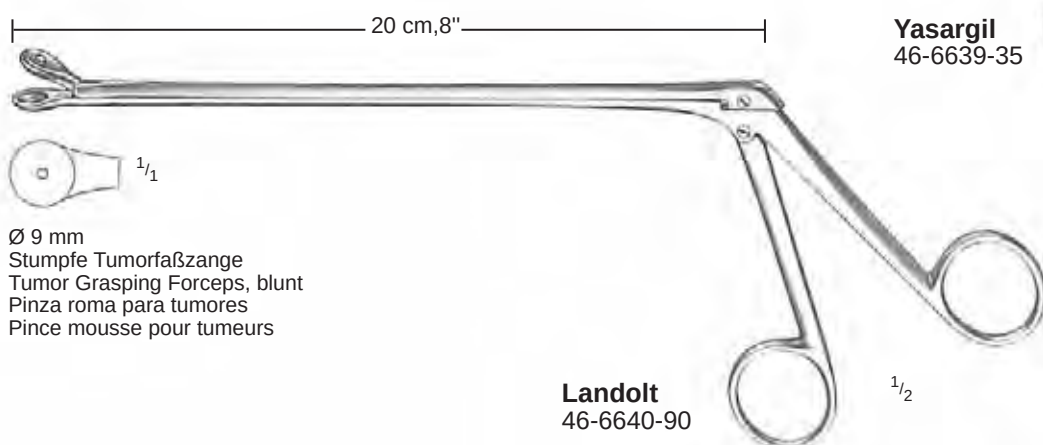
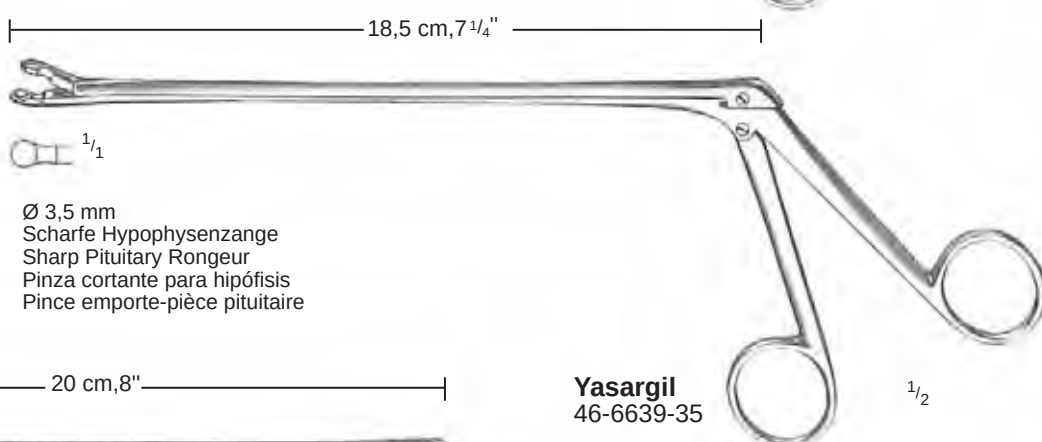
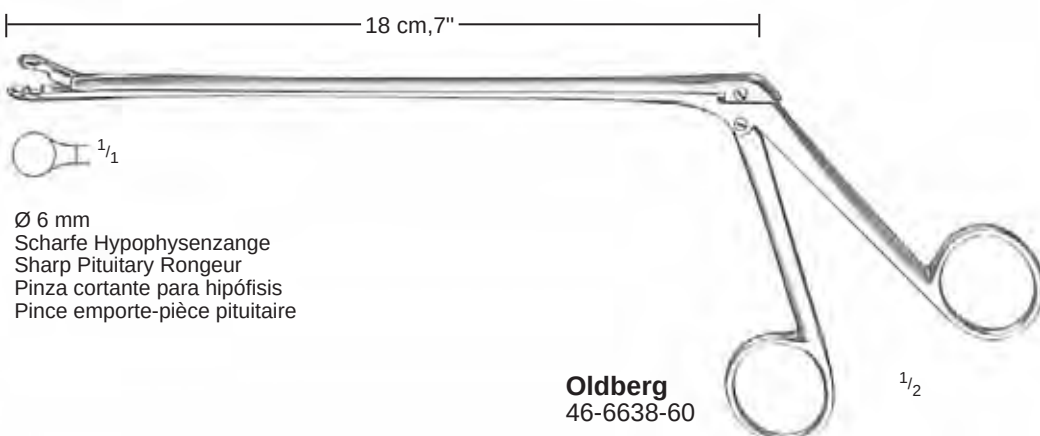
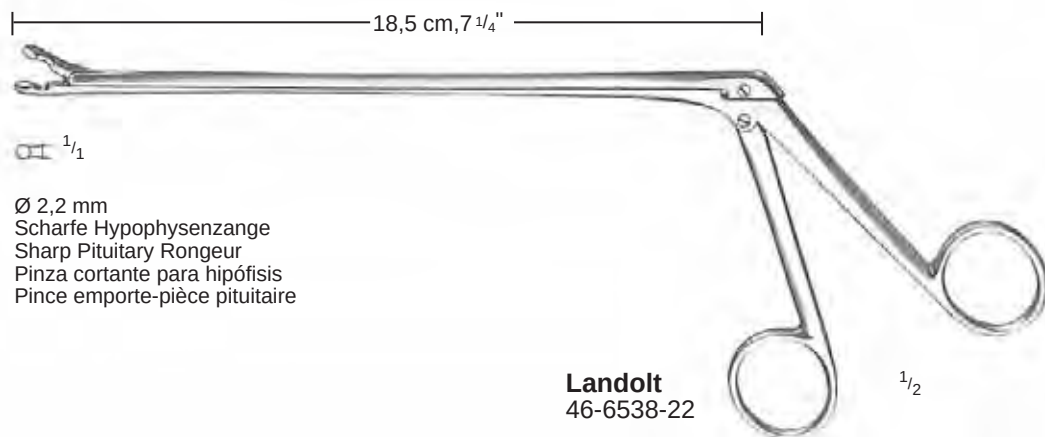
Hypophysektomie-Instrumente
Pituitary Instruments
Instrumentos para hipofisectomía
Instruments pour l'hypophysectomie

**Hypophysen- und
Tumorzangen**

**Pituitary Rongeurs and
Tumor Grasping Forceps**

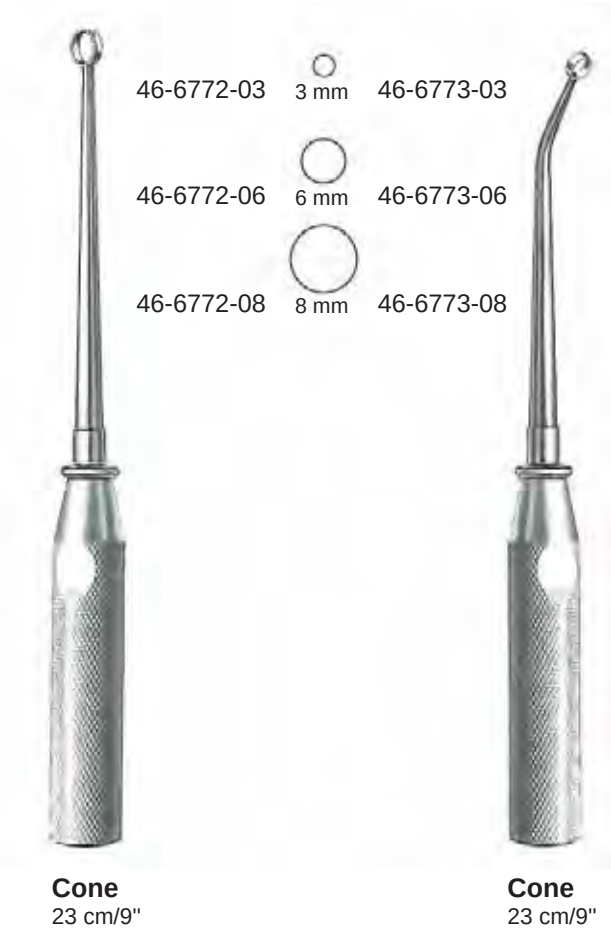
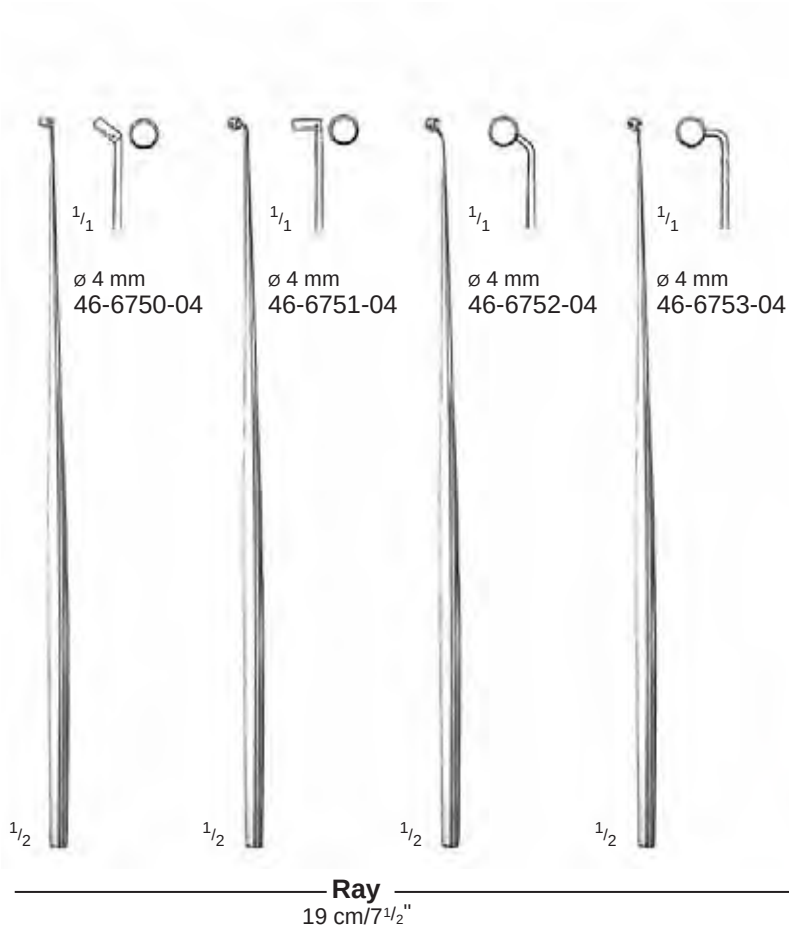
**Pinzas para hipófisis
y para tumores**

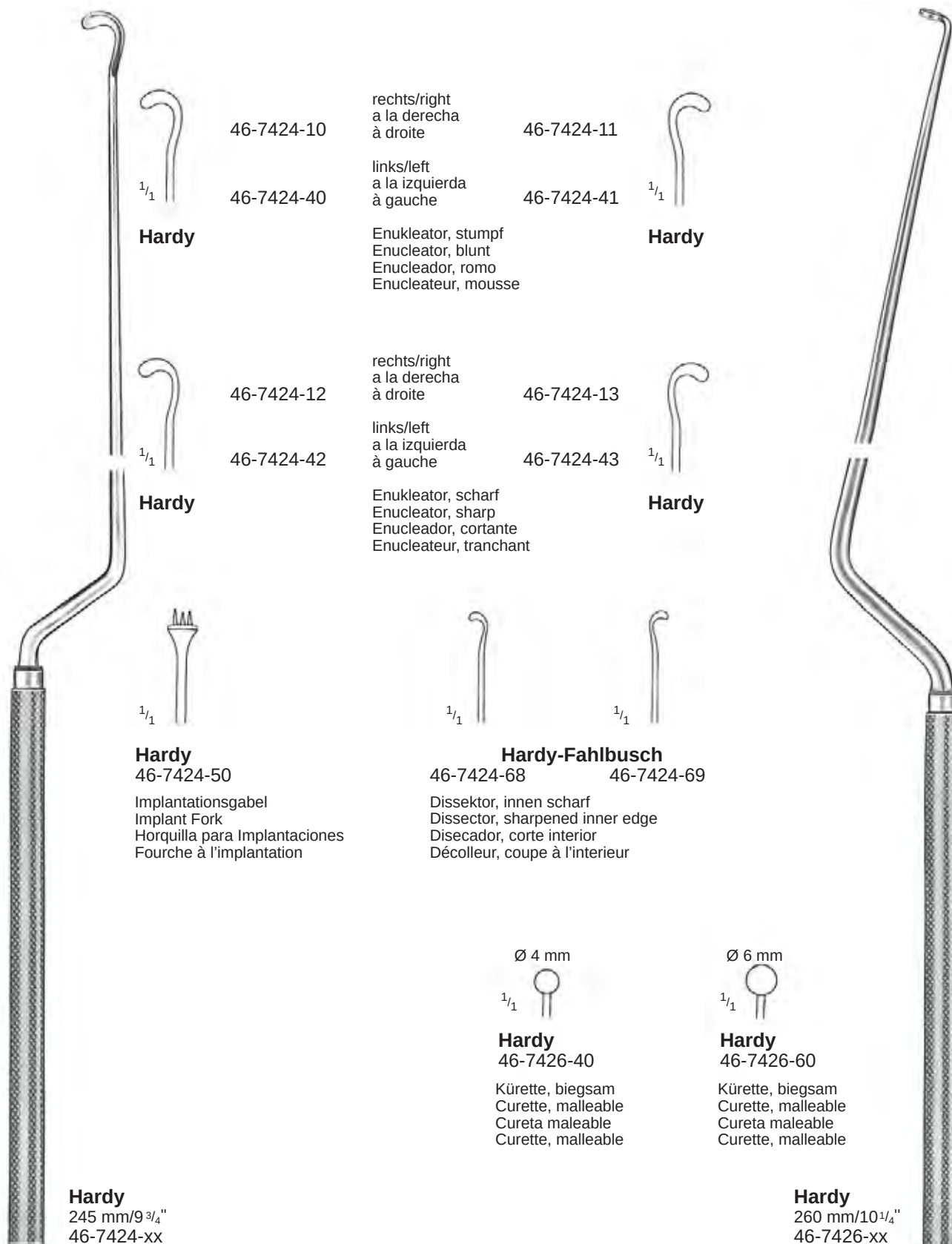
**Pincettes pituitaires
et pour tumeurs**



Hypophysenküretten
Pituitary Curettes
Curetas pituitarias
Curettes pituitaires

Ringküretten
Ring Curettes
Curetas cortantes con anillos
Curettes tranchantes à anneaux







260 mm/10 ³/₄"



Landolt

46-7446-05

rechts/right
a la derecha
à droite

46-7446-06

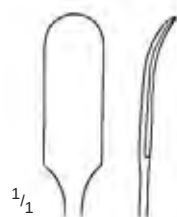
links/left
a la izquierda
à gauche

46-7446-36

Enukleator, stumpf, biegsam
Enucleator, blunt, malleable
Enucleador, romo, maleable
Enucleateur, mousse, malleable



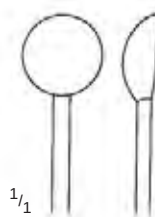
Landolt



Landolt

46-7446-07

Kürette, biegsam
Curette, malleable
Cureta maleable
Curette, malleable



Landolt

46-7446-08

Löffel, biegsam
Scoop, malleable
Cucharilla, maleable
Cuillère, malleable



Landolt

46-7446-09

Stumpfes Häkchen, biegsam
Blunt Hook, malleable
Gancho romo, maleable
Crochet mousse, malleable



Hosobuchi

46-7446-44

Gabelspatel, fest
Fork Spatula, rigid
Espatula bifurcada, rigida
Spatule à fourche, rigide



Fahlbusch
260 mm/10¹/₄"

1/1



Fahlbusch
46-7456-05

Löffel, biegsam
Scoop, malleable
Cucharilla, maleable
Cuillère, malleable

1/1



Ø 2,5 mm

Fahlbusch
46-7456-07

Kürette, biegsam
Curette, malleable
Cureta maleable
Curette, malleable

1/1



Ø 2,2 mm

Landolt-Reulen
46-7456-22

Raspatorium, fest
Raspatory, rigid
Legra rigida
Rugine rigide

1/1



Ø 3,2 mm

Landolt-Reulen
46-7456-32

Raspatorium, fest
Raspatory, rigid
Legra rigida
Rugine rigide

1/1



Ø 2,5 mm

Landolt-Reulen
46-7456-45

Kürette, fest
Curette, rigid
Cureta, rigido
Curette, rigide

1/1



1,7 mm

Landolt-Reulen
46-7456-67

Stumpfes Häkchen, fest
Blunt Hook, rigid
Gancho romo, rigido
Crochet mousse, rigide

1/1



2,0 mm

Landolt-Reulen
46-7456-82

Dissektor, fest
Dissector, rigid
Disecador, rigido
Décolleur, rigide



löffelförmig
spoon-shaped
forma cucharilla
forme de cuillère

Yasargil

$\frac{1}{1}$



ø 3 mm

22 cm, 8 $\frac{3}{4}$ " 46-8122-30

46-8123-30

24 cm, 9 $\frac{1}{2}$ "



ø 5 mm

46-8122-50

46-8123-50

46-8124-50



ø 6 mm

46-8124-60

flach, gezahnt
flat, serrated
llano, estriado
plan, strié

Yasargil

$\frac{1}{1}$



ø 3 mm

46-8142-30

46-8143-30



ø 5 mm

46-8142-50

46-8143-50

kürettenförmig, gezahnt
curette jaws, toothed
forma cureta, dentada
en curette, strié

Heifetz

$\frac{1}{1}$



ø 3 mm

46-8152-30



ø 5 mm

46-8152-50

$\frac{1}{1}$



ø 3 mm

46-8154-30



ø 5 mm

46-8154-50

46-8123-#

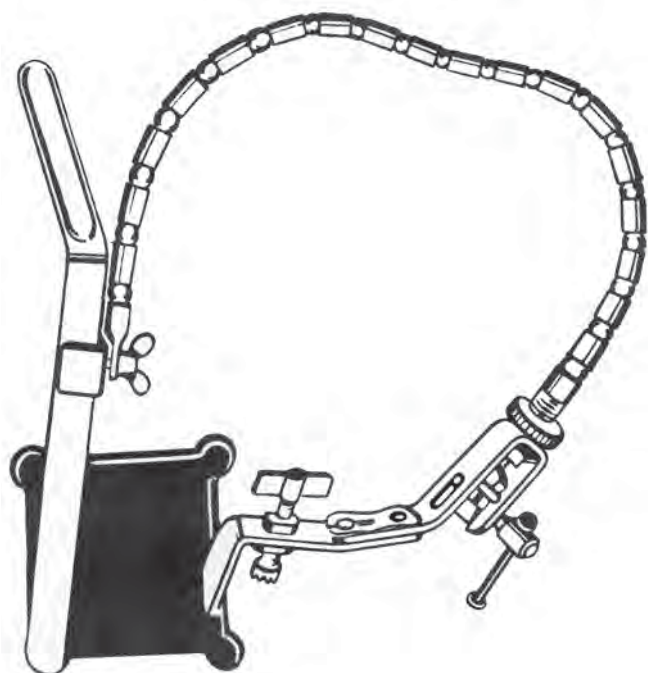
46-8143-#

46-8154-#

22 cm, 8 $\frac{3}{4}$ "

$\frac{1}{1}$



**LEYLA**

46-9415-00

Hirnspatelhalter, einfach bestehend aus:
 Retractor set, single, consisting of:
 Separador singular, compuesto de:
 Ecarteur simple, comprenant:

46-9415-01

1 flexibler spannarm
 1 flexible arm
 1 brazo flexible
 1 bras tendeur flexible

46-9410-01

1 Fixiervorrichtung
 1 Fixation base
 1 dispositivo a fijación
 1 Étau crânien

46-9410-00

1 Spatelhalterung
 1 Support for flat spatulas
 1 porta-espátulas para espátulas planos
 1 porte-instrument-plat

LEYLA

46-9416-00

Hirnspatelhalter, doppelt bestehend aus:
 Retractor set, double, consisting of:
 Separador doble, compuesto de:
 Ecarteur double, comprenant:

46-9416-02

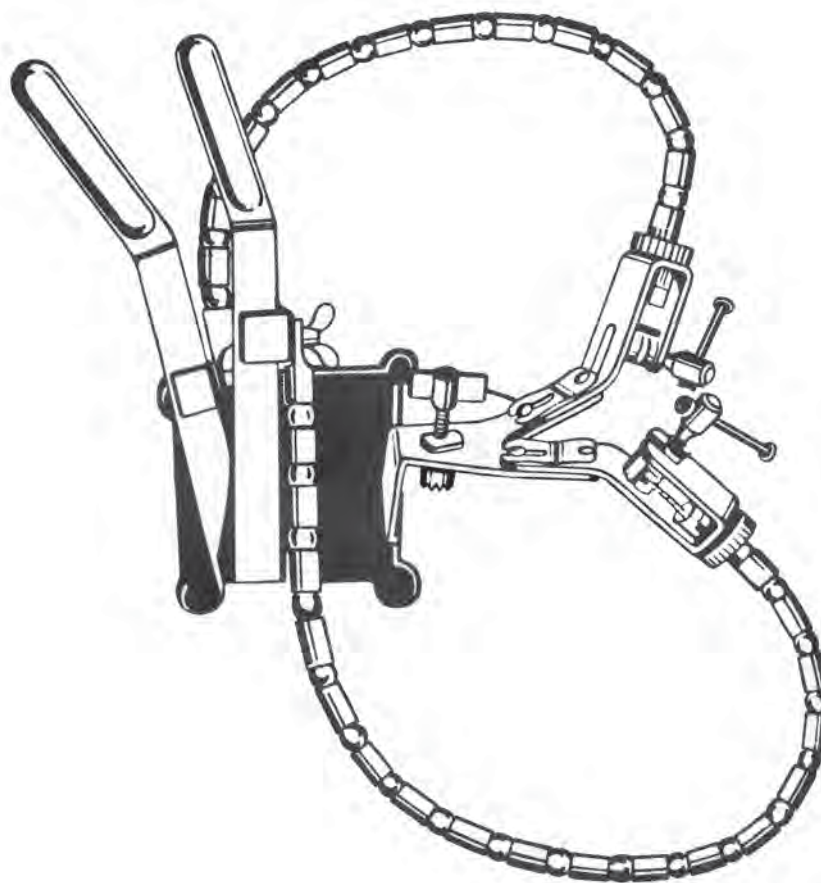
2 flexibler spannarme
 2 flexible arms
 2 brazos flexibles
 2 bras tendeur flexibles

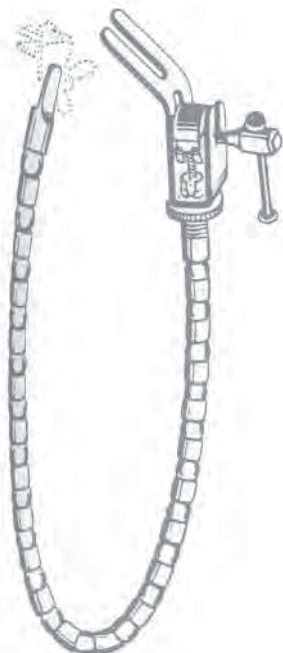
46-9411-02

2 Fixiervorrichtung
 2 Fixation base
 2 dispositivo a fijación
 2 Étau crânien

46-9411-00

2 Spatelhalterungen
 2 Supports for flat spatulas
 2 porta-espátulas para espátulas planos
 2 porte-instruments





46-9415-01

Spannarm allein
Flexible arm only
Brazo flexible
Bras tendeur flexible seul



46-9410-01

Fixiervorrichtung für 1 Spannarm
Fixation base for 1 flexible arm
Dispositivo a fijación para 1 brazo flexible
Étau crânien simple pour 1 bras flexible



46-9415-01

Fixiervorrichtung für 2 Spannarme
Fixation base for 2 flexible arms
Dispositivo a fijación doble para 2 brazos flexible
Étau crânien double, 2 bras tendeurs flexible



46-9412-01

Fixiervorrichtung zum
Festschrauben an Rohrt-eilen
Fixation base, for mounting to round bars
Dispositivo a fijación
para mesas operatirias
Étau crânien, s'adaptant à la table d'operation



46-9410-00

Flachspatelhalter
Support for flat spatulas
Porta-espátulas, para espátulas planos
Porte-spatule, pour spatules plates



46-9413-01

Spatelhalter für Rundgriff-Instrumente
Support for round spatulas
Porta-espátulas, para espátulas con mangos rondes
Porte-spatule, pour instruments à manches rondes



(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

	Weitere instrumente siehe Seite More instruments see page Para más instrumentos véase página d' autres instruments voir page
Dura- und Trigemiusmesser Dura- and Trigeminal Knives Bisturíes para dura-madre y nervio trigemino Bistouris à dure-mère et pour neurotomie rétrogassérienne	54
Feine Präparierscheren Fine Dissecting Scissors Tijeras finas para preparaciones Ciseaux fins à dissection	116
Scheren für Neuro- und Gehirnechirurgie Brain and Neurosurgical Scissors Tijeras para cirugía cerebral y neurocirugía Ciseaux pour chirurgie cérébrale et neurochirurgie	211-212
Präparierscheren, Univer Gold T/C Dissecting Scissors, Univer Gold T/C Tijeras de disección, Univer Gold T/C Ciseaux à dissection, Univer Gold T/C	178-179
Atrauma-Pinzetten mit Hartmetalleinlagen Atrauma Forceps with Tungsten Carbide Inserts Pinzas de disección Atrauma con inserciones de tungsteno pincas Atrauma avec plaquettes en carbure de tungstène	192
Feine anatomische Pinzetten Fine Dressing Forceps Pinzas de disección finas Pincas à disséquer à mors fins	304-307
Rippenraspatorien Rib Raspatories Periostótomos costales Rugines costaux	418
Knochenhaltezen Bone Holding Forceps Pinzas para huesos, pinzas toma costillas Daviers	445-451
Atrauma Gefäßklemmen Atrauma Vascular Clamps Pinzas vasculares con bocas Atrauma pincas vasculaires à mors Atrauma	180-210
Atrauma Bulldogklemmen Atrauma Bulldog Clamps Clamps Bulldog con bocas Atrauma Clamps Bulldog à mors Atrauma	150-153
Atrauma Mikro-Bulldogklemmen Atrauma Micro Bulldog Clamps Micro-Clamps Bulldog con bocas Atrauma Micro-Clamps Bulldog à mors Atrauma	148
Lungenfasszangen Lung Grasping Forceps Pinzas para coger el pulmón Pince-clamps au poumon	227
Atrauma Gefäßpinzetten Atrauma Vascular Forceps Atrauma Pinzas vasculares Atrauma pincas vasculaires	111-112

47

Univer®



ابزار جراحی میکرو و عصب

Instrument Zur Mikrochirurgie und zur Mikro-Neurochirurgie

Instruments for Microsurgery and Micro-Neurosurgery

Instrumentos para la microcirugia y la micro-neuro cirugia

Instruments pour la microchirurgie et la micro-neurochirurgie



Yasargil

 $\frac{1}{1}$

tips 0,6 mm

16 cm/6 $\frac{1}{4}$ "

47-3206-16

18 cm/7"

47-3206-18

20 cm/8"

47-3206-20

22 cm/8 $\frac{3}{4}$ "

47-3206-22

24 cm/9 $\frac{1}{2}$ "

47-3206-24

 $\frac{1}{1}$

tips 0,9 mm

47-3209-16

47-3209-18

47-3209-20

47-3209-22

47-3209-24

 $\frac{1}{1}$

1 x 2

47-3212-18

پنست میکرو

Mikropinzetten
Micro Forceps
Micropinzas
Micropinces



47

Mikro-Knüpfpinzetten mit Rundgriff und Fadenplatte
Micro Suture Tying Forceps with Round Handles and Tying Platform
Micro-pinzas de ligadura con mangos redondos y plataforma
Micro-pinces à ligatures, manches rotatifs, avec plateforme



ø 8 mm

glatt
smooth
lisas
lisses

$\frac{1}{1}$



6 x 0,4 mm



6 x 0,4 mm



6 x 0,8 mm



6 x 0,8 mm

15 cm/6"

47-3340-15

47-3341-15

47-3350-15

47-3351-15

18 cm/7"

47-3340-18

47-3341-18

47-3350-18

47-3351-18

21 cm/8 $\frac{1}{4}$ "

47-3340-21

47-3341-21

47-3350-21

47-3351-21

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

$\frac{1}{1}$



15 cm/6"

47-3342-15

47-3343-15

47-3352-15

47-3353-15

18 cm/7"

47-3342-18

47-3343-18

47-3352-18

47-3353-18

21 cm/8 $\frac{1}{4}$ "

47-3342-21

47-3343-21

47-3352-21

47-3353-21

Mikro-Knüpfpinzetten mit Rundgriff und Fadenplatte
Micro Suture Tying Forceps with Round Handles and Tying Platform
Micro-pinzas de ligadura con mangos redondos y plataforma
Micropinces à ligatures, manches rotatifs, avec plateforme



ø 8 mm

1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

glatt
smooth
lisas
lisses

$\frac{1}{1}$

6 x 0,4 mm

6 x 0,4 mm

6 x 0,8 mm

6 x 0,8 mm

15 cm/6"

47-3344-15

47-3345-15

47-3354-15

47-3355-15

18 cm/7"

47-3344-18

47-3345-18

47-3354-18

47-3355-18

21 cm/8 $\frac{1}{4}$ "

47-3354-21

47-3355-21

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

$\frac{1}{1}$

15 cm/6"

47-3346-15

47-3347-15

47-3356-15

47-3357-15

18 cm/7"

47-3346-18

47-3347-18

47-3356-18

47-3357-18

21 cm/8 $\frac{1}{4}$ "

47-3356-21

47-3357-21



A

Einige Mikro-Pinzetten mit Rundgriff sind auch in der Ausführung „Heifetz“ (A) oder „mit Gegengewicht“ (B) lieferbar. Fragen Sie im Bedarfsfall bitte an.

Some Micro Forceps with Round Handles are also available as "Heifetz" (A) or "counterbalanced" (B) patterns. Ask for details.

Algunas micro-pinzas con mangos redondos se suministran también con diseño „Heifetz“ (A) o „con contrapeso“ (B). En caso de interés esperamos sus demandas.

Certains micropinces à manches rotatifs sont également disponibles en modèle „Heifetz“ (A) ou en modèle „contrebalancé“ (B). Demandez les détails, s.v.p.



B

Mikro-Pinzetten mit Rundgriff
Micro Forceps with Round Handles
Micro-pinzas con mangos redondos
Micro-pinces à manches rotatifs



ø 8 mm

glatt
smooth
lisas
lisses

1 mm

2 mm

1/1

1/1

15 cm/6"

47-3381-15

47-3382-15

18 cm/7"

47-3381-18

47-3382-18

21 cm/8 1/4"

47-3381-21

47-3382-21

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

1 mm

2 mm

1/1

1/1

15 cm/6"

47-3391-15

47-3392-15

18 cm/7"

47-3391-18

47-3392-18

21 cm/8 1/4"

47-3391-21

47-3392-21

انواع میکرو پروب - اسپرایدر - دیلاتور عروقی

Gefäßdilatoren, -Spreizer, Knopfsonden

Vessel Dilators - Spreaders - Probes

Dilatadores - separadores - estiletes para vasos

Dilatateurs - Ecarteurs - Sondes à vaisseaux



Ø 0,5 mm

12,5 cm/5"
47-7012-05
Gefäßdilator
Vessel Dilator
Dilatador para vasos
Dilatateur à vaisseaux



Ø 1,0 mm

12,5 cm/5"
47-7012-10
Gefäßdilator
Vessel Dilator
Dilatador para vasos
Dilatateur à vaisseaux



Ø 1,5 mm

12,5 cm/5"
47-7012-15
Gefäßdilator
Vessel Dilator
Dilatador para vasos
Dilatateur à vaisseaux



Biemer
16 cm/6 1/4"
47-7016-10
Gefäßspreizer
Vessel Spreader
Separador para vasos
Ecarteur à vaisseaux



Jacobson
18,5 cm/7 1/4"
47-7018-01
Knopfsonde
Probe with Ball Tip
(Counter Presser)
Estilete abotonado
Sonde boutonée



Jacobson
18,5 cm/7 1/4"
47-7018-02
Doppelsonde
Vessel Probe, double prong
Estilete abotonado doble
Sonde boutonée double



هوك ميكرو - كورت ميكرو

Mikro-Häkchen, -Löffel

Micro Hooks, Spoons/Scoops

Ganchitos y curetas micro

Micro-crochets et -curettes



47

scharf, abgewinkelt 90°
sharp, angled
agudo, acodado
pointu, coudé

$\frac{1}{1}$

Fisch

18,5 cm/7 $\frac{1}{4}$ "

47-7018-03

Feines Häkchen

Delicate Hook

Ganchito muy fino

Crochet très fin

scharf, gebogen 90°
sharp, curved
agudo, curvo
pointu, courbe

$\frac{1}{1}$

18,5 cm/7 $\frac{1}{4}$ "

47-7018-04

Durahäkchen

Dura Hook

Ganchito para dura-madre

Crochet à dure-mère

scharf
sharp
agudo
pointu

$\frac{1}{1}$

23 cm/9"

47-7023-30

Feines Häkchen

Delicate Hook

Ganchito muy fino

Crochet très fin

stumpf
blunt
romo
mousse

$\frac{1}{1}$

23 cm/9"

47-7023-31

Feines Häkchen

Delicate Hook

Ganchito muy fino

Crochet très fin



$\frac{1}{1}$

Yasargil

18,5 cm/7 $\frac{1}{4}$ "

47-7018-08

Mikro-Löffel

Micro Scoop

Micro cureta

Micro curette

scharf
sharp
agudo
pointu

$\frac{1}{1}$

23 cm/9"

47-7023-35

Mikro-Löffel

Micro Scoop

Micro cureta

Micro curette

scharf
sharp
agudo
pointu

$\frac{1}{1}$

23 cm/9"

47-7023-36

Mikro-Löffel

Micro Scoop

Micro cureta

Micro curette

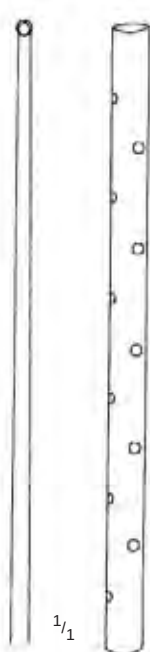
$\frac{1}{1}$

18,5 cm/7 $\frac{1}{4}$ "

23 cm/9"

$\frac{1}{1}$

Hautkralle mit Schutz
Double Pick with protection
Gancho doble con protector
Crochet double avec tube
protecteur

 $\frac{1}{1}$ 18,5 cm, 7 $\frac{1}{4}$ " $\frac{1}{1}$

Ø 1,8 mm

Yasargil

47-7018-18

47 -7518-19
ohne Schutz
w/o protection
sin protector
sans protecteur

Fadengabel
Suture Pusher
Empujador de sutura
(horquilla para hilos)
Fourche à fil

 $\frac{1}{1}$

Jacobson
47-7018-11

Nerv- und Gefäßhäkchen
Nerve and Vessel Hooks
Ganchitos para nervios y vasos
Crochet à nerfs et à vaisseaux

 $\frac{1}{1}$

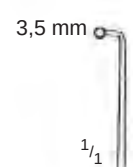
Krayenbühl
47-7018-20

 $\frac{1}{1}$

Krayenbühl
47-7018-25

 $\frac{1}{1}$

Krayenbühl
47-7018-30

 $\frac{1}{1}$

Krayenbühl
47-7018-35

Fadenführer
Ligature guide
Conductor de hilo
Passe-fil

 $\frac{1}{1}$

Yasargil
47-7018-41

 $\frac{1}{1}$

Yasargil
47-7018-42

 $\frac{1}{1}$

Yasargil
47-7018-43

 $\frac{1}{1}$

Yasargil
47-7018-44

چاقوی ظریف عروقی

Mikro-Gefäßmesser

Micro Vessel Knives

Micro-cuchillos para vasos

Micro-couteaux pour vaisseaux



47



Jacobson
18,5 cm/7¹/₄"
47-7019-05

18,5 cm/7¹/₄"

¹/₁

Koos
47-7019-10

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

¹/₁

Koos
47-7019-11

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas

¹/₁

Koos
47-7019-20

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

¹/₁

Koos
47-7019-21

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas

¹/₁

Koos
47-7019-26

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

¹/₁

Koos
47-7019-27

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas

¹/₁

Yasargil
47-7019-35

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

¹/₁

Yasargil
47-7019-36

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas

Arachnoidea-Messer
Arachnoidea Knives
Bisturíes para membrana aracnoidea
Bistouris à arachnoïde

¹/₁¹/₁

Yasargil
18,5 cm/7¹/₄"
47-7118-02

¹/₁

Yasargil
18,5 cm/7¹/₄"
47-7118-04

¹/₁

Yasargil
18,5 cm/7¹/₄"
47-7118-05

¹/₁

Yasargil
18,5 cm/7¹/₄"
47-7118-06

¹/₁

Yasargil
18,5 cm/7¹/₄"
47-7118-13
Dissektor
Dissector
Disecador
Dissecteur

¹/₁

Butler
23 cm/9"
47-7123-01
plattenförmig
round blade
legra redonda
lame ronde

¹/₁

Butler
23 cm/9"
47-7123-02
plattenförmig
round blade
legra redonda
lame ronde

الويكتور ميكرو

Mikro-Raspatorien
Micro Raspatories
Legras micro
Micro rugines

Fadengabel
Suture Pusher (Knot Tier)
Horquilla para suturas
Fourche à fil



47

Mikro-Raspatorien
Micro Raspatories
Legras micro
Micro rugines



Yasargil
18,5 cm/7¹/₄"
47-7118-20



Yasargil
18,5 cm/7¹/₄"
47-7118-21



Yasargil
18,5 cm/7¹/₄"
47-7118-22



Butler
23 cm/9"
47-7123-11

Fadengabel
Suture Pusher (Knot Tier)
Horquilla para suturas
Fourche à fil



Caspar
23 cm/9"
47-7123-99

¹/₁

Ø 1 mm



47-7219-01
 Dissektor, rund
 Dissector, round
 Disecador, redondo
 Dissecteur, rond

Ø 2 mm



47-7219-02
 Dissektor, rund
 Dissector, round
 Disecador, redondo
 Dissecteur, rond

Ø 3 mm



47-7219-03
 Dissektor, rund
 Dissector, round
 Disecador, redondo
 Dissecteur, rond

Ø 1 mm



47-7219-10
 Dissektor, spatelförmig
 Dissector, spatula shaped
 Disecador, forma espatula
 Dissecteur, en spatule

Ø 1,5 mm



47-7219-15
 Dissektor, spatelförmig
 Dissector, spatula shaped
 Disecador, forma espatula
 Dissecteur, en spatule

Ø 2,0 mm



47-7219-20
 Dissektor, spatelförmig
 Dissector, spatula shaped
 Disecador, forma espatula
 Dissecteur, en spatule

Ø 1,2 mm



47-7219-32
 Elevator
 Elevator
 Elevador
 Elévateur

Ø 2,8 mm



47-7219-48
 Elevator
 Elevator
 Elevador
 Elévateur

90° 2 mm



47-7219-52
 Häkchen, stumpf
 Hook, blunt
 Gancho, romo
 Crochet, mousse

90° 2 mm



47-7219-62
 Häkchen, halbscharf
 Hook, semi-sharp
 Gancho, semi-agudo
 Crochet, demi-pointu

45° 2 mm



47-7219-73
 Häkchen, halbscharf
 Hook, semi-sharp
 Gancho, semi-agudo
 Crochet, demi-pointu

90°



47-7219-76
 Kugelsonde, gewinkelt
 Probe, angled, ball tipped
 Sonda acodada, con botón
 Sonde boutonée, coudée

1,0 x 2,0 mm



47-7219-82
 Scharfer Löffel, oval
 Curette, oval
 Cureta, ovalada
 Curette, ovale

45° 1,0 x 2,0 mm



47-7219-83
 Scharfer Löffel, oval, abgewinkelt
 Curette, oval, angled
 Cureta, ovalada, acodada
 Curette, ovale, coudée



هوک ظریف میکرو
Mikro-Häkchen
Micro-Hooks
Micro-ganchitos
Micro-crochets

3 mm



47-7319-03

5 mm



47-7319-05

8 mm



47-7319-08

Mikro-Dissektor
Micro-dissector
Micro-disecador
Micro-dissecteur

2 mm



47-7319-20

Nervhaken
Nerve-Hooks
Ganchos para nervios
Crochets à nerfs

5 mm



47-7319-55

8 mm



47-7319-58

Mikroumführungsnadeln
Micro-ligature-needles
Micro-agujas para ligaduras
Micro-aiguilles à ligature

3 mm



47-7319-73

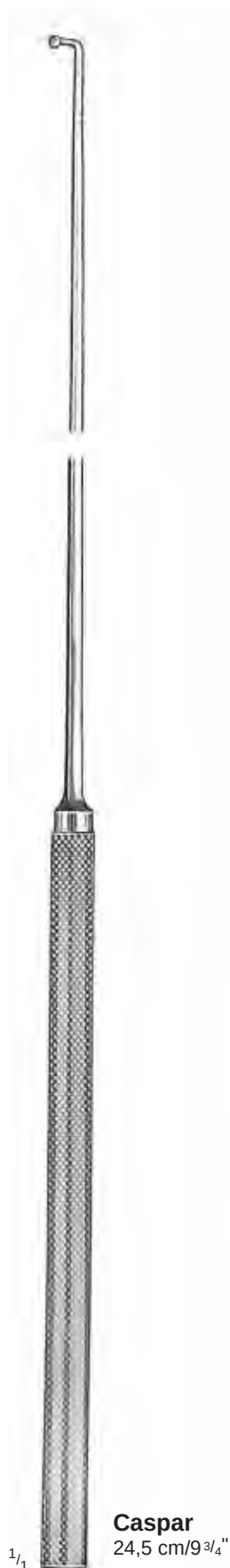
5 mm



47-7319-75

1/1

19 cm/7 1/2"



1/1

Caspar
 24,5 cm/9³/₄"

**Caspar**

47-7424-01
 isoliert
 insulated
 aislado
 isolé

47-7424-51
 nicht isoliert
 not insulated
 sin aislamiento
 sans isolation

**Caspar**

47-7424-02
 isoliert
 insulated
 aislado
 isolé

47-7424-52
 nicht isoliert
 not insulated
 sin aislamiento
 sans isolation

**Caspar**

47-7424-03
 isoliert
 insulated
 aislado
 isolé

47-7424-53
 nicht isoliert
 not insulated
 sin aislamiento
 sans isolation

**Caspar**

47-7424-04
 isoliert
 insulated
 aislado
 isolé

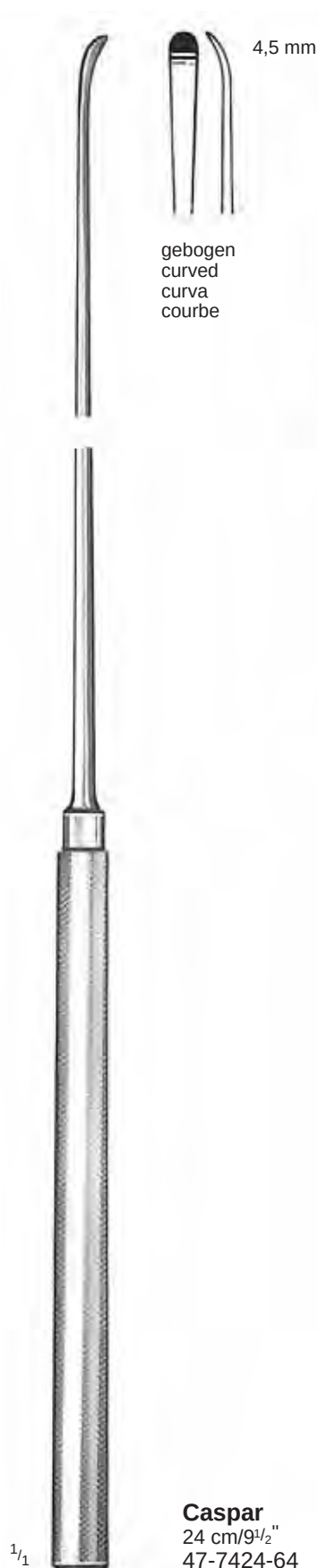
47-7424-54
 nicht isoliert
 not insulated
 sin aislamiento
 sans isolation

الويكتور ميكرو

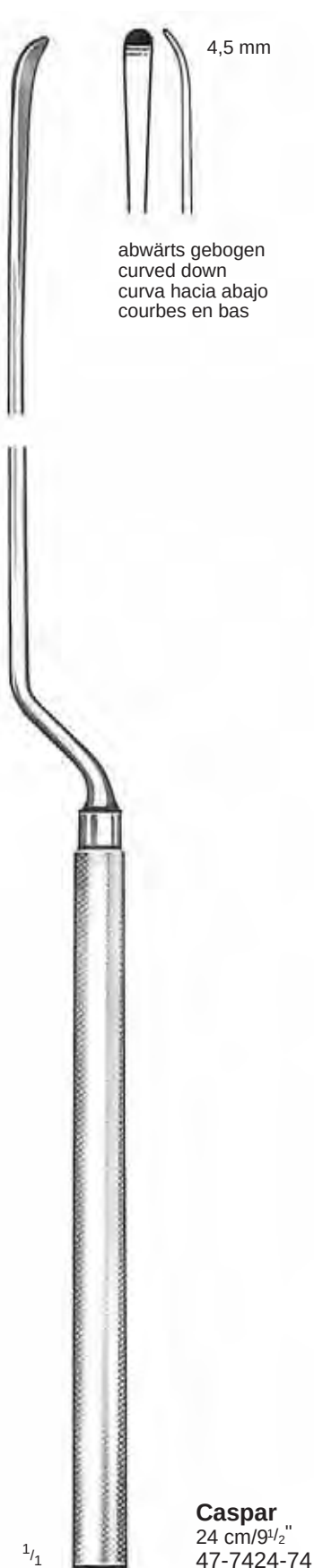
Mikro-Dissektoren
Micro Dissectors
Micro disecadores
Micro dissecteurs



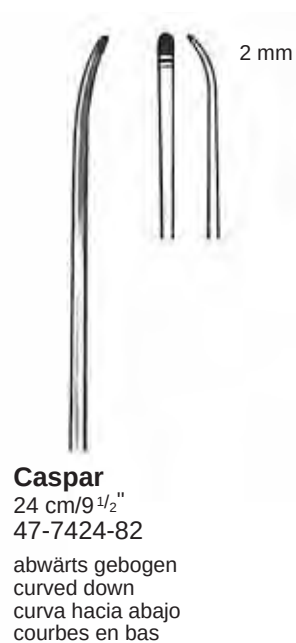
47



Caspar
24 cm/9 1/2"
47-7424-64



Caspar
24 cm/9 1/2"
47-7424-74



Caspar
24 cm/9 1/2"
47-7424-82
abwärts gebogen
curved down
curva hacia abajo
courbes en bas

دایسکتور میکرو - نیدل میکرو

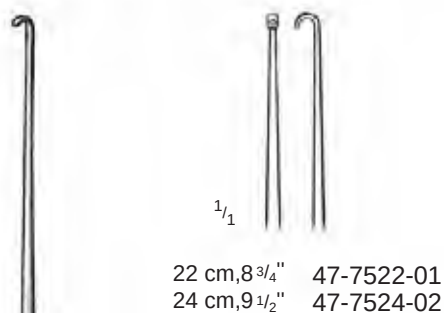
Mikro-Umführungsnadeln, -Dissektoren

Micro Ligature Needles, Dissectors

Micro-agujas para ligaduras, -disecadores

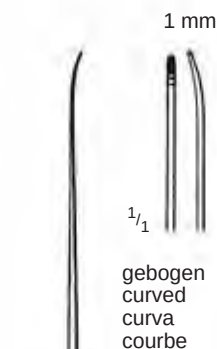
Micro-aiguilles à ligature, -décolleurs

Mikro-Umführungsnadeln
Micro Ligature Needles
Micro-agujas para ligaduras
Micro-aiguilles à ligature

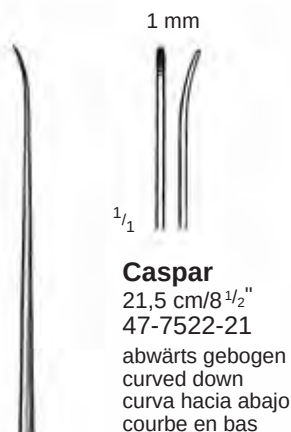


1/1 22 cm/8 ³/₄"
 24 cm/9 ¹/₂"

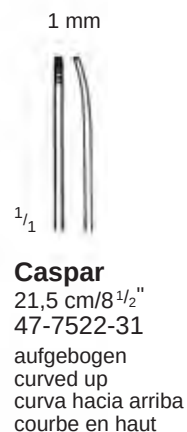
Mikro-Dissektoren
Micro-dissectors
Micro-disecadores
Micro-dissecteurs



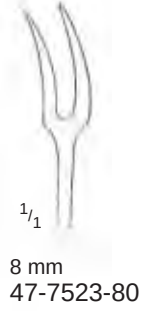
1/1 **Caspar**
 21,5 cm/8 ¹/₂"
 47-7522-10



1/1



چنگال تومور
Tumorgabeln
Tumor Forks
Horquillas para tumores
Fourches à tumeurs



$\frac{1}{1}$ Okonek-Yasargil
23 cm/9"

Spateldissektoren
 Spatula dissectors
 Disecadores forma espátula
 Dissecteurs en spatule

8 x 100 mm

5 x 20 mm

5 mm

47-7524-25

gerade
 straight
 rectas
 droit

47-7524-35

scharf, aufgewinkelt
 sharp, angled up
 agudo, acodado hacia arriba
 tranchant, coudé en haut

47-7524-36

scharf, abwärts gewinkelt
 sharp, angled down
 agudo, acodado hacia abajo
 tranchant, coudé en bas

Raspatorien
 Raspatories
 Legras
 Rugines

2 mm

4 mm

47-7524-18

aufgebogen, flexibel
 angled up, flexible
 acodado hacia arriba, flexible
 coudé en haut, flexible

47-7524-19

abgebogen, flexibel
 angled down, flexible
 acodado hacia abajo, flexible
 coudé en bas, flexible

47-7524-42

aufgebogen
 curved up
 curva hacia arriba
 courbe en haut

47-7524-44

47-7524-43

abwärts gebogen
 curved down
 curva hacia abajo
 courbe en bas

47-7524-45

24 cm, 9 1/2"

نروھوک بایوتتی (ھوک عصب)

Nervhaken

Nerve Hooks

Ganchos para nervios

Crochets à nerfs



47



24 cm, 9 1/2"

5 mm



47-7524-55
aufgebogen
curved up
curva hacia arriba
courbe en haut

8 mm



47-7524-58
aufgebogen
curved up
curva hacia arriba
courbe en haut

90° 3 mm



47-7524-93
aufgebogen
curved up
curva hacia arriba
courbe en haut

90° 4 mm



47-7524-94
aufgebogen
curved up
curva hacia arriba
courbe en haut

90° 5 mm



47-7524-95
aufgebogen
curved up
curva hacia arriba
courbe en haut



60



Univer®

جراحی چشم

Ophthalmologie

Ophthalmology

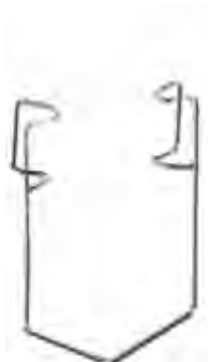
Oftalmología

Ophthalmologie

Univer - Made in IRAN



اسپکلوم چشمی • Blépharostats • Blefarostatos • Eye Specula • Sperrelevatoren



Colibri

60-0099-03



$\frac{1}{2}$

Bowman

7 cm/2 $\frac{3}{4}$ "

60-0100-07

Blade Size
Premature 3 mm
Infant Size 5 mm
Child Size 10 mm
Adult Size 15 mm



Graefe

7 cm/2 $\frac{3}{4}$ "

60-0104-07

für Kinder für Erwachsene
for children for adults
para niños para adultos
pour enfants pour adultes



Kratz

60-0106-07



Corcelle

60-0114-45

Plate Size 13,5 mm



$\frac{1}{2}$

Weiss

8 cm/3 $\frac{1}{4}$ "

60-0115-08



$\frac{1}{2}$

Lancaster

8 cm/3 $\frac{1}{4}$ "

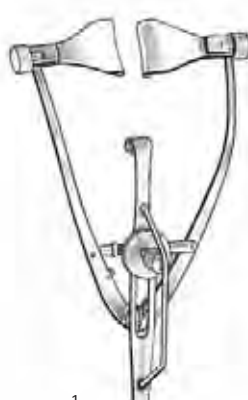
60-0130-08



Lieberman Lid Speculum

Blade Size 14 mm

60-0118-08



$\frac{1}{2}$

Park-Guyton

8 cm/3 $\frac{1}{4}$ "

60-0150-08



$\frac{1}{2}$

Park-Maumenee

8 cm/3 $\frac{1}{4}$ "

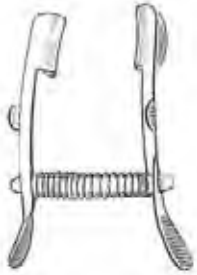
60-0154-08



اسپکولوم چشمی • Blépharostats • Blefarostatos • Eye Specula • Sperrelevatoren

für Kinder
for children
para niños
pour enfants

für Erwachsene
for adults
para adultos
pour adultes



Mellinger-Beard
5 cm/2" 7 cm/2 3/4"
60-0180-05 60-0180-07



Casroviejo
8 cm/3 1/4"
60-0190-08
10 cm/4"
60-0190-10



Lieberman
60-0192-08
Plate Size 13,5 mm



Reversible Speculum
60-0193-08
Plate Size 13,5 mm



Lachrymal Sac Retractor
60-0197-08
اكارتور فنری DCR



Sauer
60-0199-04
Plate Size 8 mm



Kratz Speculum
60-0200-04



Colibri Speculum
60-0202-04



Genisi Speculum
60-0204-08



Gastroviejo
60-0209-08



Gastroviejo-Bonnet
60-0210-08



Lidplatte
Lid Plate
Placa para párpados
Plaque à paupières


 $\frac{1}{2}$

Jaeger
11 cm/4 $\frac{1}{2}$ "
60-0301-11

gerade
straight
rectas
droits

60-0400-05



gebogen
curved
curvas
courbes

60-0401-05



**De Wecker
Forceps**
5 cm/2"



gerade
straight
rectas
droits

60-0500-12

**Akahoshi Phaco
Prechopper**
11,5 cm/4 $\frac{1}{4}$ "



gebogen
curved
curvas
courbes

60-0501-12

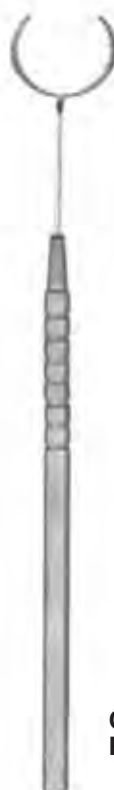
Glaucoma Punch

60-0600-13



**Globe fixation
Ring**

60-0700-13



**Globe fixation
Ring Thornton**

60-0720-13



Haken zur Tränenröhrchen-Exstirpation
Hooks for exstirpation of the lachrymal gland
Ganchos para exstirpación de la glándula lacrimal
Crochets pour l'exstirpation de la glande lacrymale

flexibel
flexible
flexibles
flexibles



Fink
13 cm/5"
60-1007-13



Knapp-Rollet
13 cm/5"
60-1013-02



Knapp-Rollet
13 cm/5"
60-1013-03



Knapp-Rollet
13 cm/5"
60-1013-04



Axenfeld

scharf
sharp
agudo
pointu
14 cm/5 1/2"
60-1024-02

stumpf
blunt
roma
mousse
14 cm/5 1/2"
60-1024-12



Axenfeld

scharf
sharp
agudo
pointu
14 cm/5 1/2"
60-1024-03

stumpf
blunt
roma
mousse
14 cm/5 1/2"
60-1024-13



stumpf
blunt
roma
mousse
14 cm/5 1/2"
60-1024-14



10 mm
10-0853-10



12 mm
10-0853-12



Stevens
14 cm/5 1/2"
60-1105-14



Stevens
12 cm/4 3/4"
60-1113-12

Schielhaken
Strabismus Hooks
Ganchos para estrabismo
Crochets à strabisme



Jameson
13 cm/5"
60-1123-13

Small
Medium
Larg

60-1145-13
60-1145-14
60-1145-15



Graefe
12,5 cm/5"

Extraktionshaken, für Starlinse in der Kapsel
Extraction Hooks for intracapsular cataracts
Ganchos para extracción de la catarata intracapsular
Crochets pour l'extraction de la cataracte intracapsulaire



14 mm
10-0853-14



Desmarres
13 cm/5"



Jaeger
13 cm/5"
60-1163-01



Jaeger
13 cm/5"
60-1163-02



links
left
izquierdo
à gauche

Arruga
13,5 cm/5 1/4"
60-1213-01



rechts
right
derecho
à droite

Arruga
13,5 cm/5 1/4"
60-1213-02

Haken
Hooks
Ganchos
Crochets



**Small Incision
Muscle Hook**
12,5 cm/5"
60-1220-13



**Retinal Detachment
Hook**
12,5 cm/5"
60-1222-13



**Oblique Muscle
Hook**
13 cm/5"
60-1224-13



Artisan lens Hook
13,5 cm/5 1/2"
60-1226-13



**Reversed Sinsky
Manipulator**
12,5 cm/5"
60-1228-13



Stripper
13 cm/5"
60-1230-13



**Sinsky IOL Ma-
nipulating Hook**
13 cm/5"
60-1232-13



Eye Cautery
13 cm/5"
60-1234-13



"T" Hook Lens Manipulator
13 cm/5"
60-1236-13



Malbran Muscle Hook
13 cm/5"
60-1238-13



Micro Iris Hook
13 cm/5"
60-1240-13



"Y" Hook Lens Manipulator
13 cm/5"
60-1242-13



IOL Manipulating Hook Iris Retractor KUGLEN
13 cm/5"
60-1245-13



Wright Type Grooved Hook
13 cm/5"
60-1250-13



Crawford Retrieving Hook
15 cm/6"
60-1320-15



Pigtail Hook
13,5 cm/5 1/4"
60-1324-14

Hornhautdissektor
Corneal Dissector
Disecador para la córnea
Dissecteur cornéal



Green
13 cm/5"
60-1410-13

Hornhautschaber
Corneal Scarifiers
Legras para la córnea
Rugines pour la cornée



Kuhnt
12 cm/4 $\frac{3}{4}$ "
60-1420-12



Kuhnt
13 cm/5"
60-1430-13



Kuhnt
12 cm/4 $\frac{3}{4}$ "
60-1440-12



Kuhnt
13 cm/5"
60-1450-13



Gill
12 cm/4 $\frac{3}{4}$ "
60-1475-12

Fremdkörperinstrumente
Foreign Body Instruments
Instrumentos para cuerpos extraños
Instruments à corps étrangers



12 cm/4 $\frac{3}{4}$ "
60-1610-12



12 cm/4 $\frac{3}{4}$ "
60-1611-12

Parazentesenadel
Paracentesis Needle
Aguja para paracentesis
Aiguille à paracentèse



Desmarres
13 cm/5"
60-1630-13



Desmarres
13 cm/5"
60-1631-13

Starnadel
Cataract Needle
Aguja para catarata
Aiguille à cataracte



13 cm/5"
60-1650-13



13 cm/5"
60-1651-13

Disziionsnadel
Discission Needle
Aguja para discisión
Aiguille à discision

Diszision
Discissio
Aguja pa
Aiguille à discision



Schweiß. Mod.
13 cm/5"
60-1660-13



La Force
12 cm/4 $\frac{3}{4}$ "
60-1665-12



Meyer
12 cm/4 $\frac{3}{4}$ "
60-1670-12



Nicati
12 cm/4 $\frac{3}{4}$ "
60-1674-12



Bowman
12 cm/4 $\frac{3}{4}$ "
60-1702-12



Bowman
12 cm/4 $\frac{3}{4}$ "
60-1703-12



Schweiß. Mod.
12 cm/4 $\frac{3}{4}$ "
60-1720-12



Cystotome
Cystotomes
Quistótomos
Kystotomes

8,5 mm 60-1913-85
9,5 mm 60-1913-95

1/1



links
left
izquierdo
à gauche



rechts
right
derecho
à droite



biegsam
malleable
maleable
malléable



Graefe
13 cm/ 5"
60-1813-01

Graefe
13 cm/ 5"
60-1813-02

Graefe
13 cm/ 5"
60-1813-03

Graefe
13 cm/ 5"
60-1813-53

**Alcoholic Solution
Cone For Lasek
Procedure**
12,5 cm/ 5"



**Mendez
Degree Gauge**
13 cm/ 5"
60-1914-36



**Corneal Trephine
for Lasek**
13 cm/ 5"

Straight Jaw with
smooth inside
surfaces (for
atraumatic tissue
grasping)



**Intraocular
Forcepe**
14,5 cm/ 5 1/4"
60-2022-14



Localizer
13 cm/ 5"
60-2025-13

Manual control
without silicone
chamber



**Aspirating Hand
Piece**
14 cm/ 5 1/2"
60-2027-14



Back Flush
14,5 cm/ 5 1/4"
60-2031-15



60-2035-10

Lens Holding Ring
With silicone tube for
suturing to sclera



60-2036-10



Sclera Depressor
11,5 cm/ 4 1/4"
60-2038-12

Verschiedene Spatel
Various Spatulas
Varias Espátulas
Spatules diverses

Irisspatel
Iris Spatulas
Espátulas para iris
Spatules pour l'iris

 $\frac{1}{1}$

Wecker
13 cm/5"
60-2111-13

Wecker
13 cm/5"
60-2116-13

Stock
13 cm/5"
60-2121-13

Culler
13 cm/5"
60-2133-13

Suker
14 cm/5 $\frac{1}{2}$ "
60-2137-14

**Orbital
Spatula**
15,5 cm/6 $\frac{1}{4}$ "
60-2140-16

1,5 x 15 mm

1,2 x 10 mm

1,2 x 12 mm

Zyklodialysespatel
Cyclodialysis Spatulas
Espátulas para ciclodíalisis
Spatules pour cyclodialyse

 $\frac{1}{1}$

Spatelbreite
Width of spatula
Anchura de espátula
Largeur de spatule

Elschnig
13 cm/5"
60-2207-13

Castroviejo
13 cm/5"
60-2213-10

Castroviejo
14 cm/5 $\frac{1}{2}$ "
60-2214-15

0,5 mm 1,0 mm

60-2305-08

60-2310-08

60-2305-10

60-2310-10

60-2305-12

60-2310-12

60-2305-14

60-2310-14

60-2305-16

60-2310-16

60-2305-18

60-2310-18

$\frac{1}{1}$
18 mm

 $\frac{1}{1}$ 

Castroviejo-Barraquer
Zyklodialysespatel
Cyclodialysis Spatula
Espátula para ciclodíalisis
Spatule pour cyclodialyse

 $\frac{1}{1}$ 

Castroviejo-Barraquer
Zyklodialysespatel
Cyclodialysis Spatula
Espátula para ciclodíalisis
Spatule pour cyclodialyse



Iris Spatula
12,5 cm/5"
60-2412-13



Iris Spatula
14 cm/5½"
60-2414-14



Vertical

Phaco Spatula
(Secondary instrument)
13 cm/5"
60-2416-13



Horizontal

Phaco Spatula
(Secondary instrument)
13 cm/5"
60-2418-13



Epithelial-Detachment Spatula (Lasek)
12,5 cm/5"
60-2420-12



Membrane Spatula
0,9 mm
13 cm/5"
60-2422-13



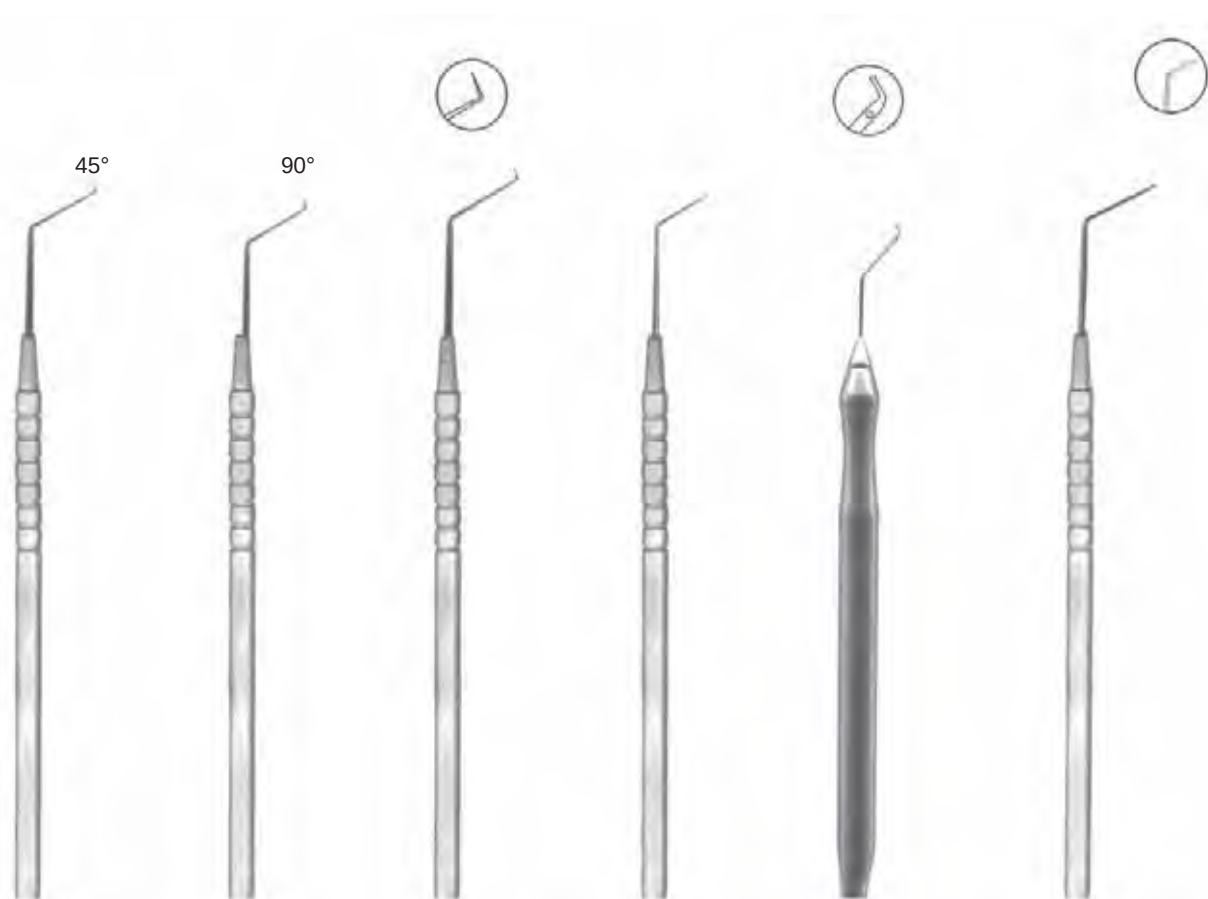
Lasik Spatula
12,5 cm/5"
60-2426-13



Epithelial-Detachment Spatula Micro Hoe
13 cm/5"
60-2428-13



Deep Lamellar Endothelial Keratoplasty (DLEK) Spatula
Melles Type
11 cm/4½"
Long 60-2430-11
Middle 60-2431-11
Triangle 60-2432-11



Phaco Chopper
13 cm/5"
60-2433-13

Phaco Chopper
13 cm/5"
60-2443-13

Minardi Phaco Chopper
13 cm/5"
60-2450-13

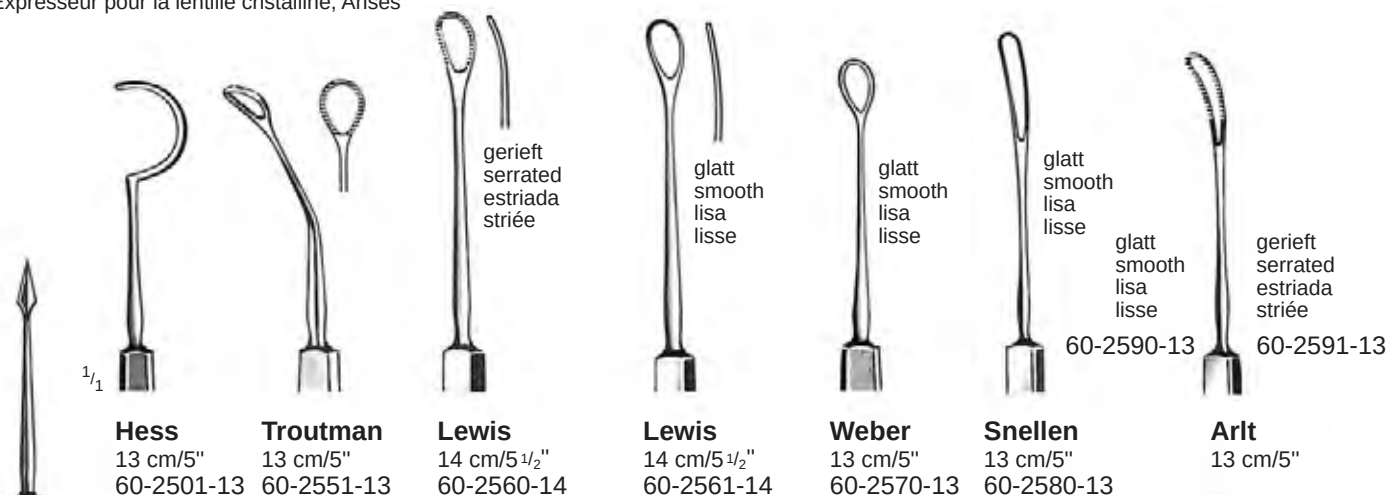
Phaco Chopper "CHUNG" finger tip
13 cm/5"
60-2455-13

Phaco Chopper
Nagahara-Type
Irrigating-Cannulated
12 cm/4³/₄"
60-2457-12

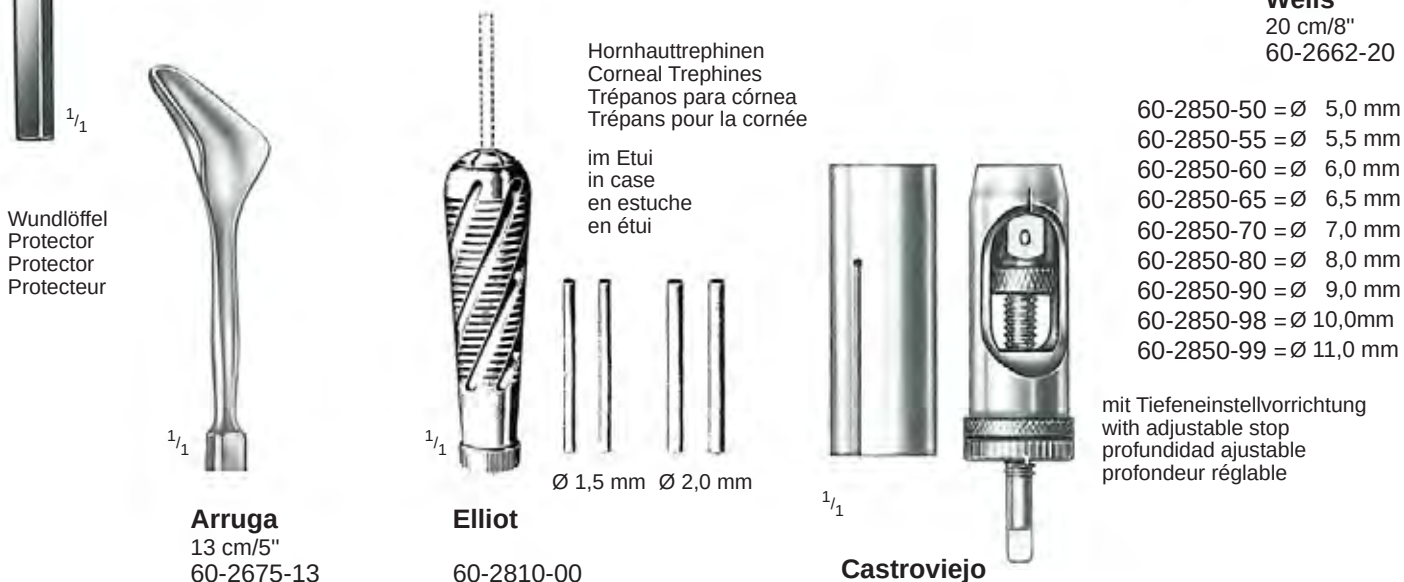
Nucleus Devider
Phaco section
13 cm/5"
60-2459-13



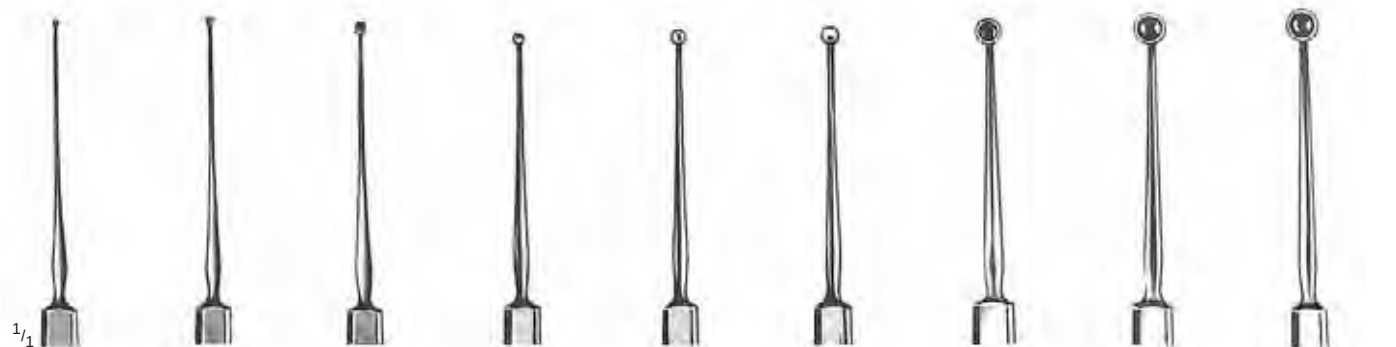
Linsenschieber, Drahtschlingen
Lens Expressor, Lens Loops
Expresor para el cristalino, Asas
Expresseur pour la lentille cristalline, Anses



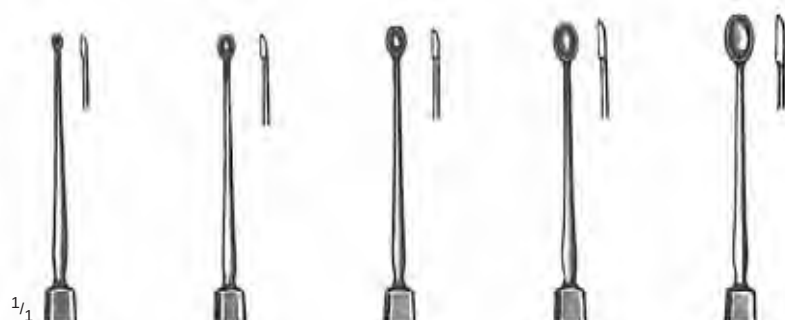
Starlöffel • Cataract Spoons • Cucharillas para cataratas, Curettes à cataractes



Chalazionslöffel, Tränensackdissektor
 Chalazion Curettes, Lachrymal Sac Dissector
 Cucharillas para chalazión, Disecador para el saco lacrimal
 Curettes tranchantes à chalazion, Dissecteur pour le sac lacrimon



Ø 0,5 mm 60-3110-05 Ø 1,0 mm 60-3110-10 Ø 1,5 mm 60-3110-15 Ø 1,8 mm 60-3110-18 Ø 2,0 mm 60-3110-20 Ø 2,5 mm 60-3110-25 Ø 3,5 mm 60-3110-35 Ø 4,0 mm 60-3110-40 Ø 4,5 mm 60-3110-45



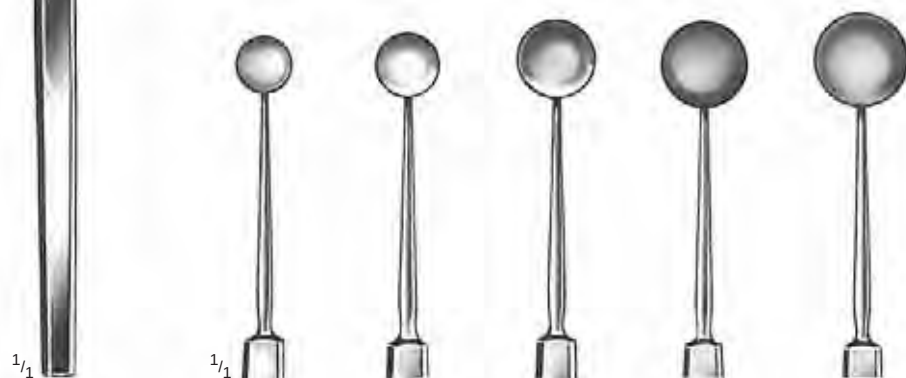
Hebra

1,0 mm 60-3120-10 2,0 mm 60-3120-20 2,5 mm 60-3120-25 3,0 mm 60-3120-30 3,5 mm 60-3120-35

Chalazion-Doppellöffel
 scharf
 Chalazion Curette,
 double-ended, sharp
 Cucharilla cortante,
 doble, para chalazión
 Curette tranchante,
 double, pour chalazion

Tränensackdissektor
 Lachrymal Sac Dissector
 Disecador para el saco
 lacrimal
 Dissecteur pour le sac
 lacrimon

Exenterationslöffel • Evisceration Spoons
 Cucharillas cortantes para exenteración • Curettes pour l'exentération



60-3150-01 60-3150-02 60-3150-03 60-3150-04 60-3150-05

Bunge

Meyhoefer
Hebra
Bunge



Axenfeld
 13 cm/5"
 60-3166-13



Lang
 13 cm/5"
 60-3188-13



Verschiedene Häkchen
Various Hooks
Varios ganchitos
Crochets divers

Irishäkchen
Iris Hook
Gancho para iris
Crochet à iris

Irisretraktor
Iris Retractor
Separador para iris
Rétracteur à iris

Skleralhäkchen
Sclera Hook
Gancho para la esclera
Crochet scléral

Extraktionshäkchen
Extraction Hook
Gancho para extracción
Crochet pour l'extraction



scharf
sharp
agudo
pointu

stumpf
blunt
romo
mousse

1/1

Wiener

13 cm/5" 13 cm/5"
60-3513-01 60-3513-02



Graefe

13 cm/5" 13 cm/5"
60-3550-13 60-3552-13



McGannan

13 cm/5" 13 cm/5"
60-3550-13 60-3552-13



Berens

12 cm/4 3/4" 12 cm/4 3/4"
60-3570-12 60-3570-12



Stevens

12 cm/4 3/4" 12 cm/4 3/4"
60-3582-12 60-3582-12

Zyklodialysespatel und
Löffel, graduert
Cyclodialysis Spatula
and Spoon, graduated
Espátula para ciclodíálisis
y cucharilla, graduada
Spatule pour cyclodialyse
et curette, graduée

Irisspatel
Iris Spatula
Espátula para iris
Spatule pour l'iris

Doppelspatel
Double Spatula
Espátula doble
Spatule double

Zyklodialysespatel
Cyclodialysis Spatulas
Espátulas para ciclodíálisis
Spatules pour cyclodialyse



Spatelbreite
Width of spatula
Anchura de espátula
Largeur de spatule
mm

0,50 60-3722-50
0,75 60-3722-75
1,00 60-3722-12

2/3

Castroviejo
14 cm/5 1/2"



2/3

Castroviejo
12 cm/4 3/4" 12 cm/4 3/4"
60-3730-12 60-3730-12



2/3

Wheeler
12 cm/4 3/4" 12 cm/4 3/4"
60-3733-12 60-3733-12



2/3

Lindner
13 cm/5" 13 cm/5"
60-3744-13 60-3744-13



2/3

Smith-Fisher
12 cm/4 3/4" 12 cm/4 3/4"
60-3766-12 60-3766-12



2/3

Green
12 cm/4 3/4" 12 cm/4 3/4"
60-3788-12 60-3788-12

**Fluid Irrigating Cannula**

G. 20
60-4108-20

**Mc Intyre lachrymal probing Cannula**

22 ga x 50 mm Long Tube. Blunt tip
23 ga x 50 mm Long Tube. Blunt tip
60-4210-22
60-4210-23

**Double I / A Cannula (reverse)**

G. 22 60-4212-22
G. 23 60-4212-23

**Nucleus Hydro Dissection Cannula**

Chung-G.27
60-4212-27

**Sub Retinal Fluid Drainage**

Soft Tip G. 20
60-4214-20

**Silicon injection Cannula**

G 16-18-19
60-4216-19

**Double I / A Cannula (original)**

G. 22 60-4220-22
G. 23 60-4220-23

**Nucleus Hydro dissection Cannula**

G. 25 60-4223-25
G. 26 60-4223-26
G. 27 60-4223-27

**Irrigating Cannul (Curved)**

For Lasik

G. 25

60-4226-01	1 Hole
60-4226-02	2 Hole
60-4226-03	3 Hole
60-4226-04	4 Hole
60-4226-08	8 Hole

**Double I & A cannula**

J-Shaped

60-4228-20

**Lacrymal Irrigating cannula**

60-4230-22

**Air Injection Cannula**

G. 24	60-4233-24
G. 25	60-4233-25
G. 26	60-4233-26
G. 27	60-4233-27
G. 30	60-4233-30



Simcoe Cortex Extractor & Capsule polisher
22&23 GA-Curved tube sand blasted tip, port facing info ceurve
60-4508-22



Jensen Posterior Capsule polisher
23 GA-Curved tube olive tip with front opening port
60-4510-06



Cortex Extractor cannula Simcoe
G. 22 60-4512-22



Kratz Posterior Extractor & Capsule polisher
23 GA-Curved tube, port facing into curve
60-4514-23



Aspirating Cannula
G. 20 60-4516-20



Self-Retaining Anterior Chamber Main Tainer
G. 20 (0,9 mm) 60-4518-20
G. 21 (0,8 mm) 60-4518-21
G. 22 (0,7 mm) 60-4518-22
G. 23 (0,6 mm) 60-4518-23



Bimanual Hand Pices (Phaco) Integrated
10 cm/4"
60-5013-02

Bimanual Hand Pices Hand Piece (Phaco)
11 cm/4 1/2"
60-5012-02



Iris Retractor
6.2 mm
60-5215-62



(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

			siehe Seite see page véase página voir page
Nagelscheren Nail Scissors Tijras para uñas Ciseaux à ongles	Nagelzange Nail Nipper Pinza cortaunas Pince à ongles	Nagelspaltscheren Nail Splitting Scissors Tijeras para hender las uñas Ciseaux à fendre les ongles	
Sehnen-Faßpinzetten, Sehnenfaßzangen Tendon Grasping Forceps Pinzas para coger tendones Pinces pour préhension des tendos			
Sehneneinflecht-klemmen Tendon interlacing Forceps Pinzas para interlazar tendones Pinces pour tresser tendos			
Meniskus-und Knorpelzangen Meniscus-and Cartilage Forceps Pinzas para meniscos y para cartilagos Pinces à ménisque et à cartilage			
Finger-Repositionszange Finger Reposition Forceps Pinza para reposición de dedos Pince pour réduction des doigts			
Nagelausreißzange Forceps for removing toe and finger nails Pinza para arrancar uñas Pince pour enlever les ongles			
Fingerring-Sägen-Fingernagel-Bohrer-Kompressorium Finger Ring Saws-Finger Nail Drill-Tourniquet Sierras para cortar anillos-perforador para uñas-Compressor Scies pour couper les bagues-perforateur à ongles-Garrot			

62



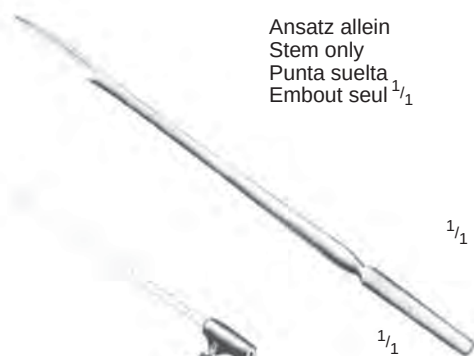
جراحی میکرو گوش - معاینه گوش

Otologie - Mikrochirurgie des Ohres

Otology - Otological Microsurgery

Otología - Microcirugía del oído

Otologie - Microchirurgie de l'oreille



Ansatz allein
Stem only
Punta suelta
Embout seul $\frac{1}{1}$

 $\frac{1}{1}$ $\frac{1}{1}$

62-0602-50

Griff allein
Handle only
Mango suelto
Manche seul

Hartmann16 cm/6 $\frac{1}{4}$ "

62-0601-08

Satz komplett
Set complete
Juego completo
Jeu complèt

Fig. 1
62-0602-01

2
62-0602-02

3
62-0602-03

5
62-0602-05

$\frac{1}{1}$
6
62-0602-06

8
62-0602-08

9
62-0602-09



Sprague
19 cm/7 $\frac{1}{2}$ "
62-0611-06

Satz komplett
Set complete
Juego completo
Jeu complèt



62-0612-03 Messer, Knife, cuchillo, couteau

62-0612-05 Häkchen, Hook, ganchito, crochet

62-0612-07 Sonde, Probe, sonda, sonde

62-0612-09 Nadel, Needle, aguja, aiguille

62-0612-11 Schlinge, Loop, asa, anse

 $\frac{1}{1}$

62-0612-13 Löffel, Spoon, cucharilla, curette

انواع پنست گوش - پنس ژل فوم

Ohrpinzetten, Gelfoam-Quetschzange

Ear Dressing Forceps, Gelfoam-Pressure Forceps

Pinzas auriculares, pinza de compresión para Gelfoam

Pinces auriculaires, pince à compression pour Gelfoam



62



Troeltsch (Wilde)

11 cm/4 1/2"
04-5607-11

Troeltsch (Wilde)

13 cm/5" 04-5607-13
15 cm/6" 04-5607-15



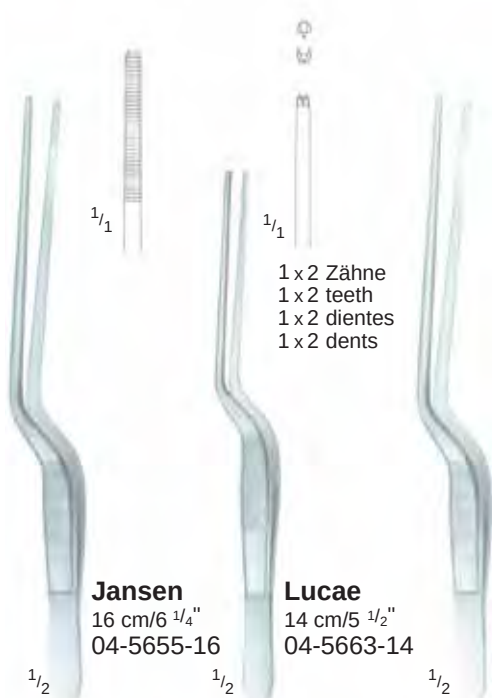
Troeltsch

13 cm/5"
04-5611-13



Lucae

14 cm/5 1/2"
04-5655-14



Jansen

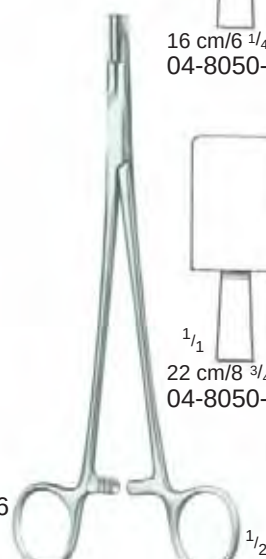
16 cm/6 1/4"
04-5655-16

Lucae

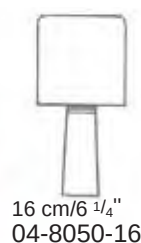
14 cm/5 1/2"
04-5663-14

Jansen

16 cm/6 1/4"
04-5663-16



House



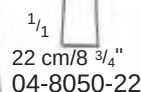
Gelfoam-Quetschzange nach House
Die Quetschzange hält das Gelfoam-Material unter Druck bis zum Zeitpunkt des Einsetzens und vermeidet dadurch dessen Aufquellen durch die Luftfeuchtigkeit.

House Gelfoam Pressure Forceps
Holds Gelfoam material under compression until insertion, preventing it from swelling due to moisture in the air.

Pinza de compresión de House, para comprimir Gelfoam

La pinza retiene la materia bajo presión hasta el momento de la introducción, para evitar el hinchamiento bajo la influencia de la humedad del aire.

Pince à compression de House, pour Gelfoam
La pince retient le matériau sous pression jusqu'au moment de l'introduction, pour éviter un gonflement sous l'influence de l'humidité atmosphérique.



4 x 4 Zähne scharf
 4 x 4 teeth sharp
 4 x 4 dientes agudos
 4 x 4 dents pointus



Jansen
 10 cm/4"
 10-5310-11

4 x 4 Zähne stumpf
 4 x 4 teeth blunt
 4 x 4 dientes romos
 4 x 4 dents mousses

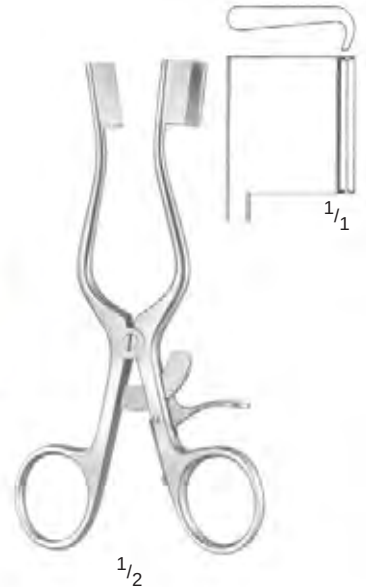


Jansen
 10 cm/4"
 10-5311-11

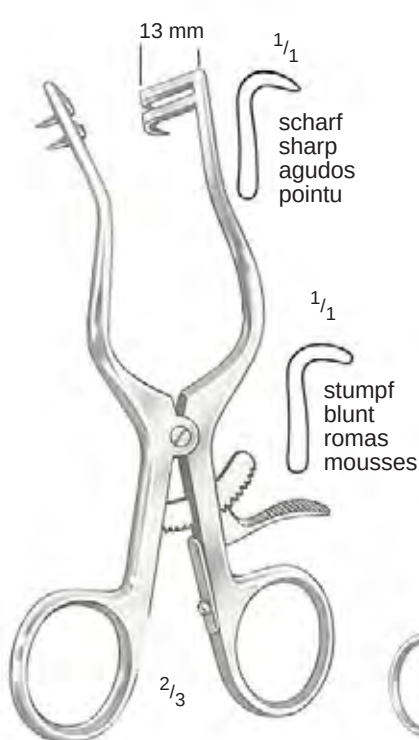
3 x 3 Zähne
 3 x 3 teeth
 3 x 3 dientes
 3 x 3 dents



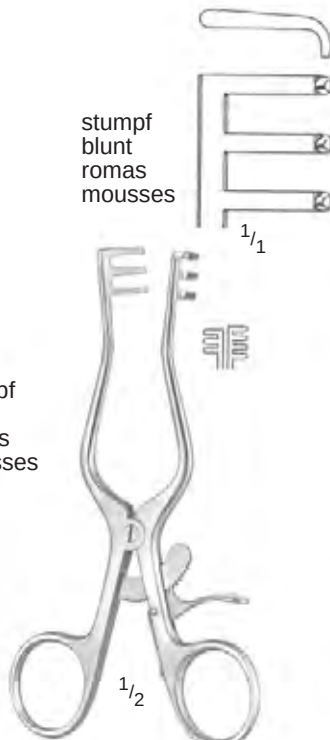
Jansen
 10,5 cm/4 1/4"
 stumpf blunt romos mousses 10-5313-11
 scharf sharp agudos pointu 10-5312-11



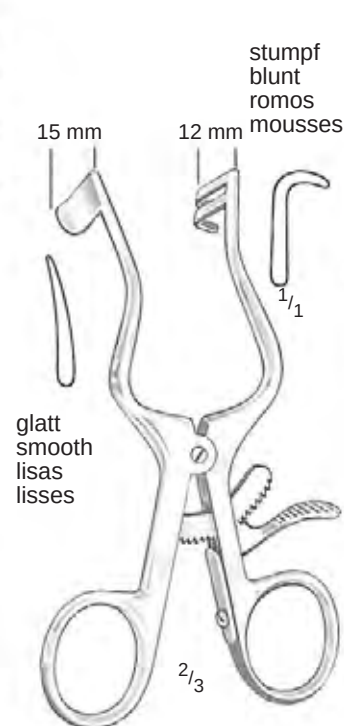
Weitlaner-Baby
 13,5 cm/5 1/4"
 10-5350-13



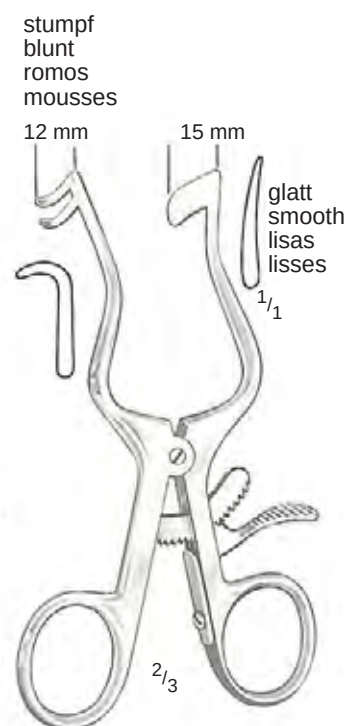
Plester
 13 cm/5"
 10-5363-22



Milligan
 13,5 cm/5 1/4"
 10-5365-13

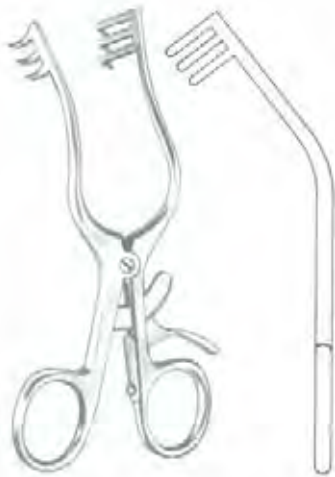


Plester
 11 cm/4 1/4"
 10-5371-02



Plester
 11 cm/4 1/4"
 10-5371-01

scharf
sharp
agudos
pointus



stumpf
blunt
romos
mousses



stumpf
blunt
romos
mousses



stumpf
blunt
romos
mousses



Wullstein

10-5383-11
10-5383-13

11,5 cm/4 1/2"
13 cm/5"

10-5384-11
10-5384-13

Perkins

13 cm/5"
10-5553-01

Perkins

13 cm/5"
10-5553-02

Saugkanülen
Suction Tubes
Cánulas de aspiración
Canules à aspiration

Ohrkatheter
Eustachian Catheters
Sondas auriculares
Sondes auriculaires

Metalolive mit Luer-Konus, für Hartmann-Katheter
Metal connector with Luer- tip, for Hartmann Catheters
Oliva metálica, con cono Luer, para sondas Hartmann
Olive en métal avec embout Luer, pour sondes Hartmann

13 cm/5"

25-2563-20 = 2,0 mm Ø Fr. 6
25-2563-23 = 2,3 mm Ø Fr. 7
25-2563-27 = 2,7 mm Ø Fr. 8
25-2563-30 = 3,0 mm Ø Fr. 9
25-2563-33 = 3,3 mm Ø Fr. 10
25-2563-36 = 3,6 mm Ø Fr. 11
25-2563-40 = 4,0 mm Ø Fr. 12
25-2563-46 = 4,6 mm Ø Fr. 14
25-2563-50 = 5,0 mm Ø Fr. 16

1/2

Frazier

1/2

Hartmann

25-2700-90

mm 0

25-2700-30 3,0 mm

25-2700-35 3,5 mm 25-2702-35

25-2700-40 4,0 mm 25-2702-40

25-2700-45 4,5 mm 25-2702-45

25-2700-50 5,0 mm 25-2702-50

25-2700-55 5,5 mm 25-2702-55

1/2

Itard



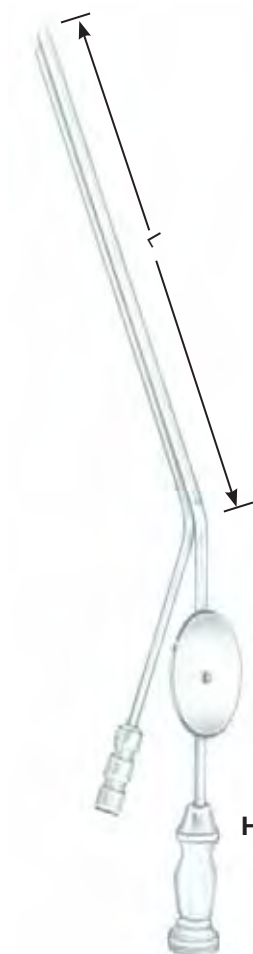
انواع سرساکشن گوش

Saug- und Spülinstrumente

Aspirating and Irrigating Instruments

Instrumentos de aspiración y de lavado

Instruments à aspiration et à irrigation



Spül- und Absauginstrumente, mit Unterbrecherplatte

Irrigation and Suction Instruments, with thumb valve

Instrumentos de irrigación y aspiración, con placa intermitente

Instruments irrigateurs et aspirateurs, avec plaque à fonctionnement intermittent

L = 9 cm/3 1/2"

Saugrohr
Suction tube
Tubo de aspiración
Tube aspirateur

Spülrohr
Irrigation tube
Tubo de irrigación
Tube irrigateur

mm Ø		mm Ø	
0,9	x	0,7	25-2409-09
1,2	x	0,9	25-2409-12
1,5	x	1,2	25-2409-15
1,8	x	1,8	25-2409-18
2,5	x	2,0	25-2409-25
3,0	x	2,0	25-2409-30
4,5	x	2,0	25-2409-45

L = 18 cm/7"

Saugrohr
Suction tube
Tubo de aspiración
Tube aspirateur

Spülrohr
Irrigation tube
Tubo de irrigación
Tube irrigateur

mmØ		mmØ	
1,8	x	1,8	25-2418-18
2,5	x	2,0	25-2418-25
3,0	x	2,0	25-2418-30

House-Luer



1/2 Luer

Wullstein

16 cm/6 1/4"

25-2502-15 Ø 1,5 mm

25-2502-20 Ø 2,0 mm

zylindrisch, Silber
cylindrical, silver
cilindrico, plata
cylindrique, d'argent



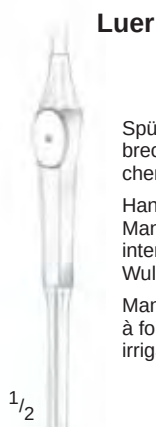
1/2 Luer

Wullstein

16 cm/6 1/4"

25-2506-30

3,0 x 1,75 mm Ø
konisch, Silber
conical, silver
cónico, plata
conique, d'argent



1/2 Luer

Wullstein

10,5 cm/4 1/4"

25-2510-50

Luer

Spül- und Saughandgriff nach Wullstein, mit Unterbrecherplatte, passend für die Spül- und Absaugröhrchen nach Wullstein.

Handle with thumb valve for wullstein suction tubes
Mango de Irrigación y aspiración, de Wullstein, con placa intermitente, para los tubos de irrigación y aspiración de Wullstein.

Manche irrigateur et aspirateur de Wullstein, avec plaque à fonctionnement intermittent, s'adaptant aux tubes irrigateurs et aspirateurs de Wullstein.

House-Luer

Ø 2,0 mm / Charr. 6 25-2461-06
 Ø 2,6 mm / Charr. 8 25-2461-08
 Ø 3,3 mm / Charr. 10 25-2461-10

25-2425-20

Schlauchverbindungsstück mit Luer-Konus und Unterbrecherplatte
 Suction Adaptor with Luer tip and thumb valve
 Enchufe de coneión, con cono Luer y placa intermitente
 Raccord à embout Luer et plaque interruptrice

mit LUER-LOCK-Ansatz
 with LUER-LOCK attachment
 con cono LUER-LOCK
 avec cône LUER-LOCK

Ø 0,6 x 80 mm 25-2429-06
 Ø 0,8 x 80 mm 25-2429-08
 Ø 1,0 x 80 mm 25-2429-10

Set handle with
 three LUER-LOCK
 attachmant

25-2426-20

Set handle with
 four LUER-LOCK
 attachmant

25-2426-24

Set handle with
 two LUER-LOCK
 attachmant

25-2427-20

90°

6 cm

Ø 0,5 mm 25-2430-05
 Ø 0,7 mm 25-2430-07
 Ø 1,0 mm 25-2430-10
 Ø 1,3 mm 25-2430-13
 Ø 1,5 mm 25-2430-15
 Ø 2,0 mm 25-2430-20
 Ø 2,5 mm 25-2430-25
 Ø 3,0 mm 25-2430-30

Ø 0,5 mm 25-2431-05
 Ø 0,7 mm 25-2431-07
 Ø 0,8 mm 25-2431-08
 Ø 1,0 mm 25-2431-10
 Ø 1,3 mm 25-2431-13
 Ø 1,5 mm 25-2431-15
 Ø 2,0 mm 25-2431-20
 Ø 2,5 mm 25-2431-25

mit Unterbrecherplatte
 with finger cut-off
 con placa intermitente
 avec plaque interruptrice

mit Luer-Konus
 with Luer cone
 con cono Luer
 à cône Luer

Plester
 19 cm/7 1/2"

Rosen

Rosen

1/1

Zöllner

25-2453-75 Ø 0,5 mm
 25-2453-77 Ø 0,7 mm

Aufsetzbare Mikro-Saugkanüle
 allein, Nutzlänge 30 mm
 Micro Suction Cannula only, for Suction
 Tube, working length 30 mm
 Microcánula aspiradora, suelta,
 desmontable, largo útil 30 mm
 Microcanule aspiratrice démontable,
 seule, longueur utile 30 mm

15 cm/6"
 25-2453-66

Saugrohr allein
 (ohne Kanüle)
 Aspirating Tube only
 (without cannula)
 tubo aspirador suelto,
 (sin cánula)
 tube à aspiration, seul,
 (sans canule)

1/2

mit Luer-Konus
 with Luer cone
 con cono Luer
 à cône Luer

Zöllner

18,5 cm/7 1/4"
 25-2453-07

mit feinem Einstechröhrchen Ø 0,7 mm
 with detachable fine suction tip Ø 0,7 mm
 con punta de succión Ø 0,7 mm
 avec rallonges de rechange Ø 0,7 mm

Baron (Schuknecht)
 Ø charr. xL mm

1/2

Baron (Schuknecht)
 Ø charr. xL mm

3	75	25-2437-03
5	75	25-2437-05
7	75	25-2437-07
3	100	25-2437-03
5	100	25-2437-06
7	100	25-2437-07

3	75	25-2438-03
5	75	25-2438-05
7	75	25-2438-07



دیاپازون
Stimmgabeln
Tuning Forks
Diapasones
Diapasons

C 128



c 128 62-0010-31
c¹ 256 62-0010-32
c² 512 62-0010-33
c³ 1024 62-0010-34
c⁴ 2048 62-0010-35
c⁵ 4096 62-0010-37

c⁵ 4096

Hartmann

C 128



c 128 62-0020-41
c¹ 256 62-0020-42
c² 512 62-0020-43
c³ 1024 62-0020-44
c⁴ 2048 62-0020-45
c⁵ 4096 62-0020-46

c⁵ 4096

Lucae

**Hartmann**

62-0011-81

Besteck mit 5 Stimmgabeln, in Samtutui, bestehend aus:

Set of 5 Tuning Forks, in velvet lined case, consisting of:

Juego de 5 diapasones, en estuche forrado de terciopelo, compuesto por:

Jeu de 5 diapasons, en boîte intérieur velours, composé de:

c 128 62-0010-31
c¹ 256 62-0010-32
c² 512 62-0010-33
c³ 1024 62-0010-34
c⁴ 2048 62-0010-35

62-0010-31
62-0010-32
62-0010-33
62-0010-34
62-0010-35



French
C₂ 16
62-0025-01



French
C₁ 32
62-0025-02



Hartmann
C 64
62-0025-03



Hartmann
C 128
62-0025-04



Hartmann
C¹ 256
62-0025-05

für Kinder for
children para
niños pour
enfants



Hartmann
Stück Fig.
Pieces Fig.
Piezas Fig.
Pièces Fig.

Satz zu
Set of 3 1-3 62-0130-03
Juego de
Jeu de

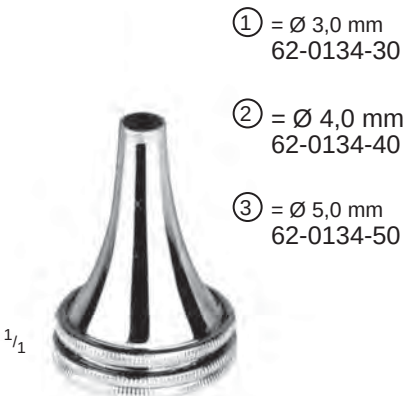
für Erwachsene
for adults
para adultos pour
adultes



Hartmann
Stück Fig.
Pieces Fig.
Piezas Fig.
Pièces Fig.

Satz zu
Set of 3 3-5 62-0131-03
Juego de 4 2-5 62-0131-04
Jeu de

für Erwachsene
for adults
para adultos pour
adultes



Poltizer
Stück Fig.
Pieces Fig.
Piezas Fig.
Pièces Fig.

Satz zu
Set of 3 1-3 62-0134-03
Juego de
Jeu de

für Erwachsene
for adults
para adultos
pour adultes



Toynbee
Stück Fig.
Pieces Fig.
Piezas Fig.
Pièces Fig.

Satz zu
Set of 3 2-4 62-0136-03
Juego de 4 1-4 62-0136-04
Jeu de



69-0159-12
Metallständer für Spekula
Metal Support for Specula
Soporte metálico para espéculos Cheva-
let en métal pour les spéculums

انواع لوپ، کورت و ابزار جسم خارجی گوش

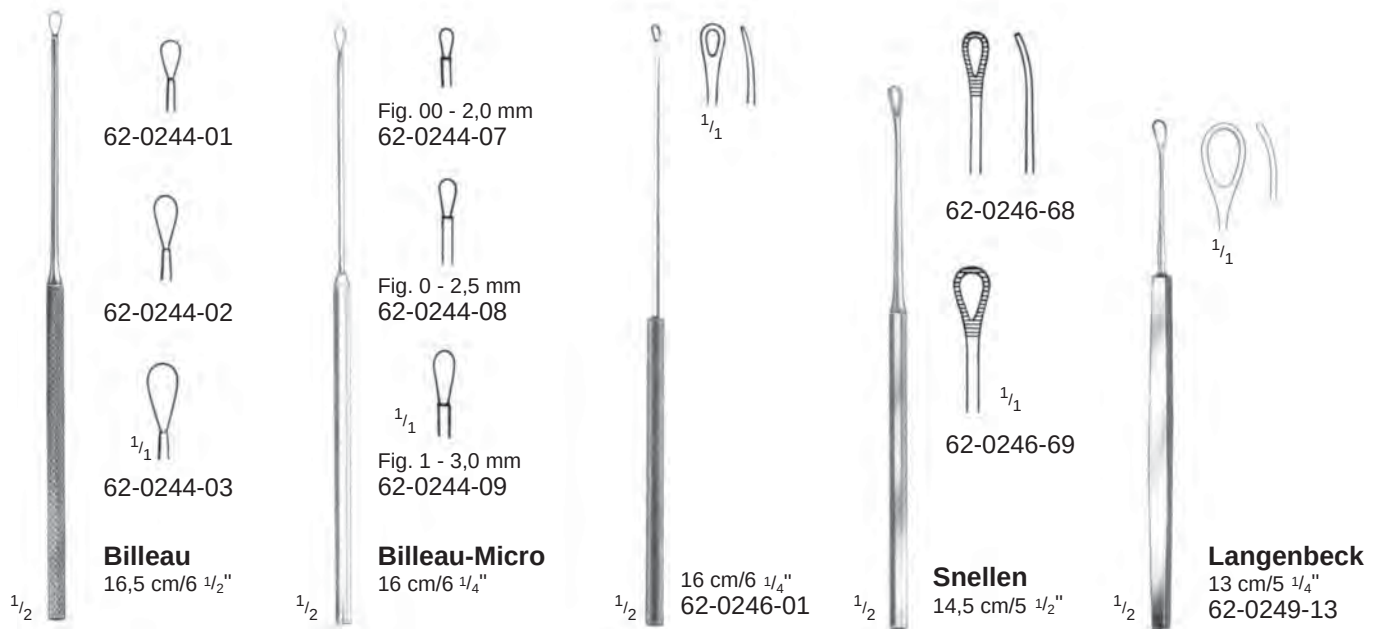
Schlingen, Fremdkörperinstrumente, Ohrküretten

Loops, Foreign Body Instruments, Ear Curettes

Asas, instrumentos para cuerpos extraños, curetas auriculares

Anses, instruments à corps étrangers, curettes auriculaires

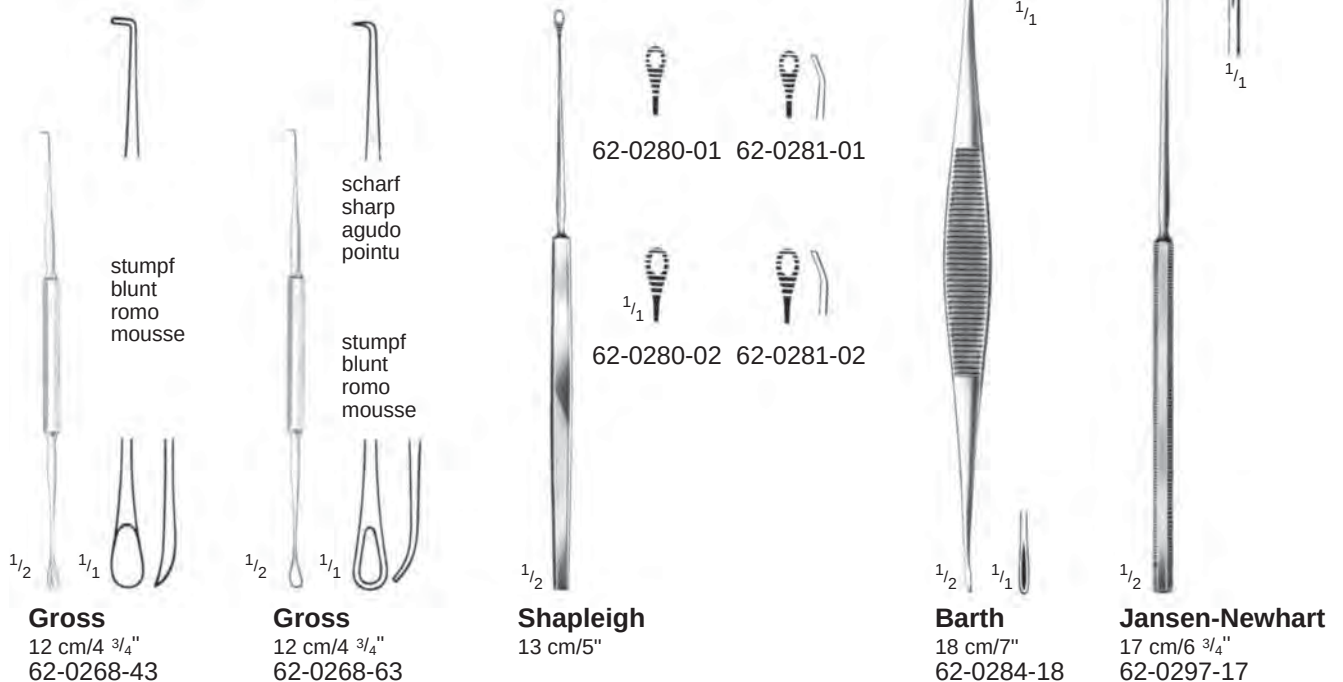
Schlingen
Loops
Asas
Anses



Fremdkörperinstrumente
Foreign Body Instruments
Instrumentos para cuerpos extraños
Instruments à corps étrangers

Ohrküretten
Ear Curettes
Curetas auriculares
Curettes auriculaires

Mastoid-Sonde
Mastoid Probe
Sonda para mastoides
Stylet mastoïdien



کورت رینگى گوش

Ohrküretten

Ear Cures

Curetas auriculares

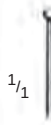
Curettes auriculaires



62



gerade/stumpf
straight /blunt
rectas/romas
droites/mousses



000
62-0290-33



00
62-0290-42



0
62-0290-50



1
62-0290-51



2
62-0290-52



3
62-0290-53



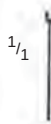
4
62-0290-54



5
62-0290-55



gerade/scharf
straight /sharp
rectas/cortantes
droites /tranchantes



000
62-0292-33



00
62-0292-42



0
62-0292-50



1
62-0292-51



2
62-0292-52



3
62-0292-53



4
62-0292-54



5
62-0292-55



abgewinkelt / stumpf
angled / blunt
acodadas/romas
coudées / mousses



000
62-0291-33



00
62-0291-42



0
62-0291-50



1
62-0291-51



2
62-0291-52



3
62-0291-53



4
62-0291-54



5
62-0291-55



abgewinkelt /scharf
angled/sharp
acodadas / cortantes
coudées / tranchantes



000
62-0293-33



00
62-0293-42



0
62-0293-50



1
62-0293-51



2
62-0293-52



3
62-0293-53



4
62-0293-54



5
62-0293-55

Buck

16,5 cm/6 1/2"



Ohrspritze, Ganzmetall, mit Luer-Lock-Ansatz, komplett mit 2 Kanülen und 1 Schutzteller, in Karton

Ear Syringe, all metal, with Luer-Lock mount, complete with 2 tips and 1 shield, in cardboard box

Jeringa metálica para oído, con cono Luer-Lock, completa con 2 canulas y 1 placa protectora, en caja de cartón

Seringue auriculaire, tout métal, avec embout Luer-Lock, complète avec 2 embouts et 1 bouclier protecteur, en carton



62-0425-55



62-0425-60



62-0425-70

komplett
complete
completo
complet

Spritze allein
Syringe only
Jeringa suelta
Seringue seule

50 ml	25-0420-75	25-0430-50
75 ml	25-0420-75	25-0430-75
100 ml	25-0421-00	25-0431-00



Aufsatz allein
Cannula only
Cánula suelta
Tube seul
62-0735-11

Schlingenführer allein
Wire Guide only
Soporte asa, suelto
Guide-fil seul
62-0735-12

1/2

Krause
18 cm/7"
62-0735-10



Aufsatz mit Schlingenführer, allein
Cannula with Wire Guide, only
Soporte asa, suelto
Tube seul avec guide-fil
62-0735-23

1/2

Krause-Voss
18 cm/7"
62-0735-20



Schlingenführer allein
Wire Guide only
Soporte asa, suelto
Guide-fil seul
62-0735-32

1/2

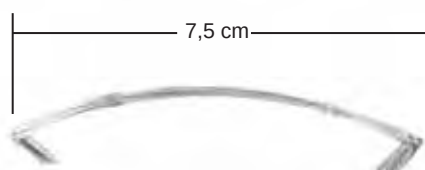
Lange-Wilde
18 cm/7"
62-0735-30

Stahldraht für Ohrpolypenschnürer
Steel Wire for Ear Polypus Snares
Alambre de acero para cierra-nudos auriculares
Fil d'acier pour serre-noeuds auriculaires



10 m/33ft.

Ø 0,2 mm 40-1550-20
Ø 0,3 mm 40-1550-30

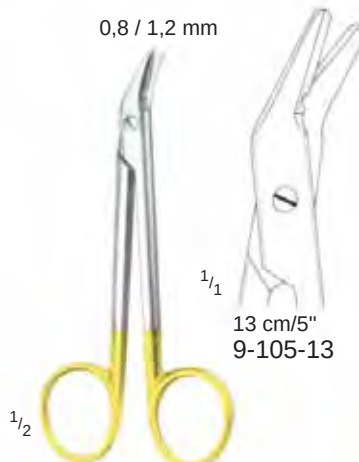


7,5 cm

Bündel ■ Bundles ■ Paquetes ■ Paquets

Ø mm	12	100
0,2	40-1560-20	40-1562-20
0,3	40-1560-30	40-1562-30

Drahtinstrumente
Wire Instruments
Instrumentos para alambre
Instruments pour fils métalliques



0,8 / 1,2 mm

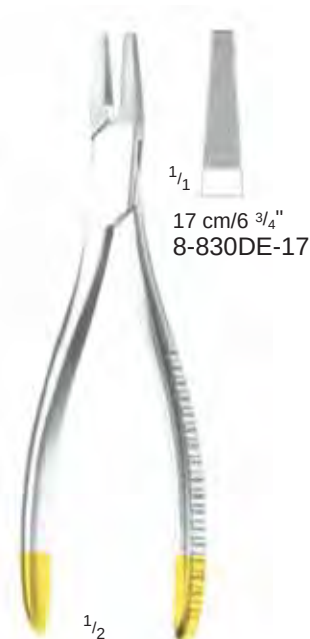
1/1

13 cm/5"
9-105-13

1/2

Universal Granit Edge

Drahtschere
Wire Cutting Scissors
Tijera para cortar hilo de acero
Ciseaux coupe-fil



1/1

17 cm/6 3/4"
8-830DE-17

1/2

Drahtbiegezange
Flat Nose Plier
Alicate para doblar alambre
Pince à plier le fil d'acier



پنس پولیپ گوش - پنس جسم خارجی گوش

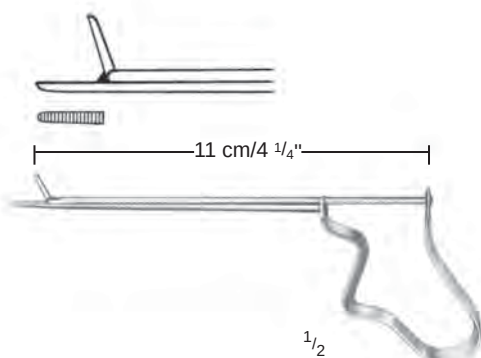
Fremdkörperhebel, Ohrpolypenzangen

Foreign Body Levers, Ear Polypus Forceps

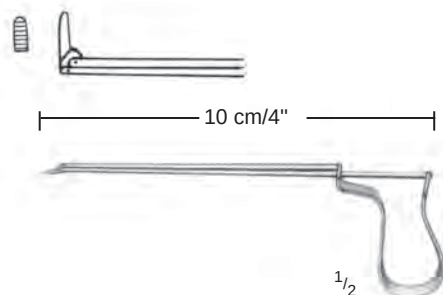
Elevadores para cuerpos extraños, pinzas para pólipos auriculares

Leviers pour corps étrangers, pincers pour polypes auriculaires

Fremdkörperhebel • Foreign Body Levers • Pinzas para cuerpos extraños • Leviers pour corps étrangers



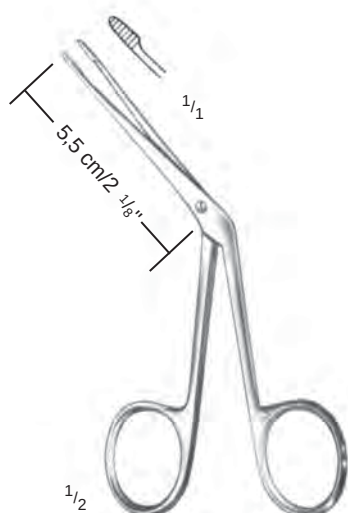
Buck
11 cm/4 1/4"
62-0800-11



Quire
10 cm/4"
62-0802-10

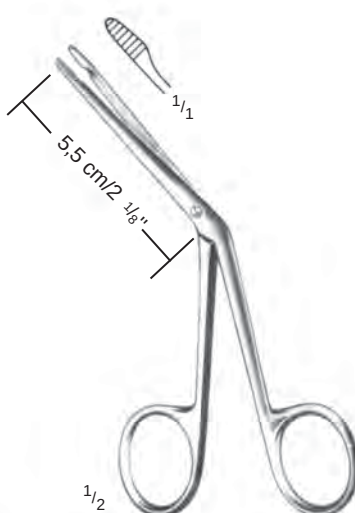
Ohrpolypenzangen, Tamponzangen
Ear Polypus Forceps, Tampon Forceps
Pinzas para pólipos auriculares y para taponamientos
Pincers pour polypes auriculaires, pincers porte-tampons

feines Modell
delicate pattern
modelo fino
modèle fin

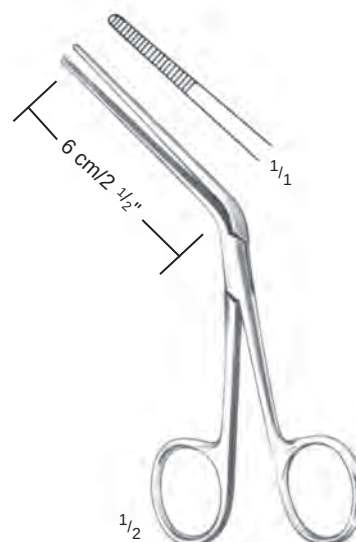


Hartmann
13.5 cm/5 1/4"
62-0810-13

Standard
Standard
Standard
Standard



Hartmann
14 cm/5 1/2"
62-0812-14



Tilley (Yankauer)
14 cm/5 1/2"
62-0821-14

پانچ ماستوئید

Knochenstanzen

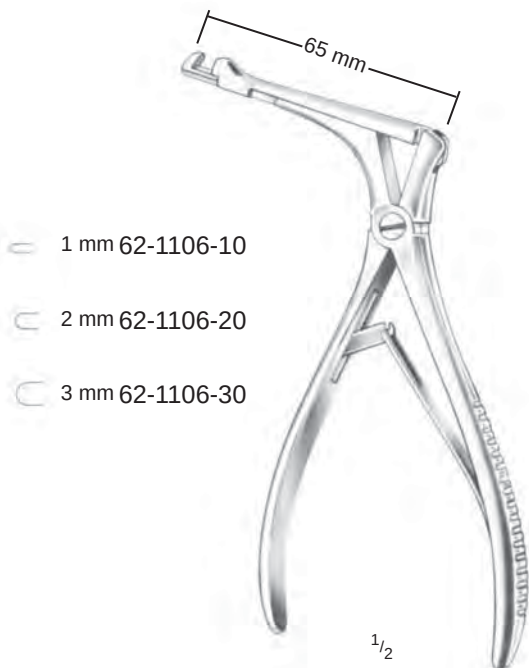
Mastoid Punches

Pinzas cortantes para huesos

Pinces emporte-pièces



62

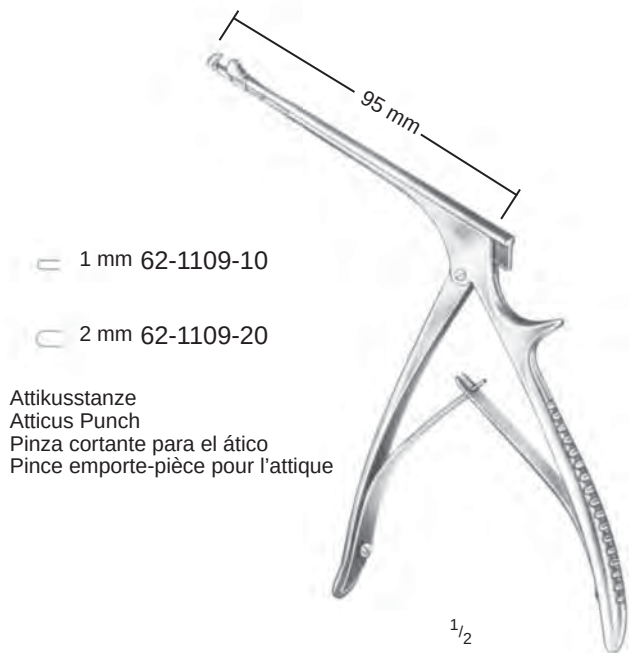


1 mm 62-1106-10

2 mm 62-1106-20

3 mm 62-1106-30

Citelli



1 mm 62-1109-10

2 mm 62-1109-20

Attikusstanze
Atticus Punch
Pinza cortante para el ático
Pince emporte-pièce pour l'attique

Beyer

3 x 3 mm 62-3177-03

4 x 4 mm 62-3177-04

5 x 5 mm 62-3177-05

6 x 6 mm 62-3177-06



Kerrison



کورت میکرو گوش - اسپکلوم گوش

Ohrspekula, Mikro-Ohrküretten und -löffel

Ear Specula, Micro Ear Curettes and Spoons

Espéculos, micro-curetas y micro-cucharillas auriculares

Spéculums et microcurettes auriculaires



Holmgren

5 mm Ø
62-2072-50

6 mm Ø
62-2072-60

7 mm Ø
62-2072-70



Richnau-Holmgren

3 mm Ø
62-2074-30

5 mm Ø
62-2074-50

7 mm Ø
62-2074-70

scharf
sharp
cortantes
ranchantes



Buck-Wullstein-Micro
16 cm/6 1/4"

0000
000
00
0
1
1/1

stumpf
blunt
romas
mousses



62-2110-24 Fig. 0000 0,9 mm Ø
62-2110-33 Fig. 000 1,1 mm Ø
62-2110-42 Fig. 00 1,3 mm Ø
62-2110-50 Fig. 0 1,8 mm Ø
62-2110-51 Fig. 1 2,1 mm Ø

62-2111-24
62-2111-33
62-2111-42
62-2111-50
62-2111-51

Ø = Innendurchmesser
Ø = inside diameter
Ø = diametro interior
Ø = diamètre intérieur

1,5 x 2,5 mm



Shea
16 cm/6 1/4"
62-2152-15

1,5 x 2,5 mm



Shea
16 cm/6 1/4"
62-2153-15

کورت میکروگوش

Mikro-Ohrküretten und -löffel

Micro Ear Curettes and Spoons

Micro-curetas y micro-cucharillas auriculares

Microcurettes auriculaires



Univer®

62



House
15 cm/6"

62-2210-12 = 1,0/1,2 mm
62-2215-18 = 1,5/1,8 mm

leicht abgewinkelt
slightly angled
ligeramente acodadas
légèrement coudées



House
15 cm/6"

62-2211-12 = 1,0/1,2 mm
62-2216-18 = 1,5/1,8 mm

stark abgewinkelt
strongly angled
fuertemente acodadas
fort coudées



House
17 cm/6 3/4"

62-2217-01 = 1,5/1,8 mm = 62-2217-02

leicht abgewinkelt
slightly angled
ligeramente acodadas
légèrement coudées

stark abgewinkelt
strongly angled
fuertemente acodadas
fort coudées



انواع سوزن میکرو و هوک گوش
Mikro-Nadeln und -häkchen
Micro Needles and Hooklets
Micro-agujas y ganchitos
Micro-aiguilles et crochets



Barbara

62-2300-01

Nadel, gerade, spitz
 Needle, straight, sharp point
 Aguja, recta, aguda
 Aiguille, droite, pointue



62-2300-03

Nadel, leicht gebogen, spitz
 Needle, light curve, sharp point
 Aguja, ligeramente curva, aguda
 Aiguille, légèrement courbe, pointue



Rosen

62-2300-06

Nadel, stark gebogen, spitz
 Needle, strong curve, sharp point
 Aguja, fuertemente curva, aguda
 Aiguille, fort courbe, pointue



25°

1/1

Shambaugh

62-2325-04 = 0,4 mm
 62-2325-06 = 0,6 mm
 62-2325-08 = 0,8 mm
 62-2325-10 = 1,0 mm

Häkchen, abgewinkelt
 Hooklets, angled
 Ganchitos, acodados
 Crochets, coudés



45°

Shambaugh

62-2345-04 = 0,4 mm
 62-2345-06 = 0,6 mm
 62-2345-08 = 0,8 mm
 62-2345-10 = 1,0 mm
 62-2345-12 = 1,2 mm
 62-2345-15 = 1,5 mm
 62-2345-20 = 2,0 mm
 62-2345-25 = 2,5 mm

Häkchen, abgewinkelt
 Hooklets, angled
 Ganchitos, acodados
 Crochets, coudés



90°

Shambaugh

62-2390-04 = 0,4 mm
 62-2390-06 = 0,6 mm
 62-2390-08 = 0,8 mm
 62-2390-10 = 1,0 mm
 62-2390-12 = 1,2 mm
 62-2390-15 = 1,5 mm
 62-2390-20 = 2,0 mm
 62-2390-25 = 2,5 mm

Häkchen, abgewinkelt
 Hooklets, angled
 Ganchitos, acodados
 Crochets, coudés



1/1

16 cm/6 1/2"



1/1

62-2426-06 = 0,6 mm

Häkchen, retrograd
 Hooklets, retrograde
 Ganchitos, retrógrados
 Crochets, rétrogrades



62-2429-10 = 1,0 mm
 62-2429-25 = 2,5 mm

Häkchen, retrograd
 Hooklets, retrograde
 Ganchitos, retrógrados
 Crochets, rétrogrades



Plester

62-2445-16

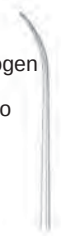
Antrum-Häkchen, stumpf
 Antrum Hooklet, blunt
 Ganchito, romo
 Crochet, mousse



nach unten gebogen
curved down
curvo hacia abajo
courbes en bas

Barbara
62-3300-01

Nadel, gerade, spitz
Needle, straight, sharp point
Agujas, rectas, agudas
Aiguilles, droites, pointues



nach oben gebogen
curved up
curvo hacia arriba
courbes en haut

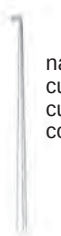
Rosen
62-3300-06

Nadel, stark gebogen, spitz
Needle, strong curve, sharp point
Agujas, fuertemente curvas, agudas
Aiguilles, forte courbes, pointues



McGee
62-3310-05 = 0,5 mm
62-3310-10 = 1,0 mm

Fußplattenhäkchen
Footplate Hooks
Ganchitos para la platina estapediense
Crochets pour la platine de l'étrier



McGee
62-3311-06
62-3311-10

Micro-Häkchen, nach oben gewinkelt
Micro-Hooks/Picks, angled up
Micro-ganchitos acodados hacia arriba
Micro-crochets, coudés en haut



62-3325-03 = 0,3 mm
62-3325-06 = 0,6 mm
62-3325-10 = 1,0 mm



62-3345-03 = 0,3 mm
62-3345-06 = 0,6 mm
62-3345-10 = 1,0 mm



62-3390-03 = 0,3 mm
62-3390-06 = 0,6 mm
62-3390-10 = 1,0 mm

Micro-Häkchen, nach unten gewinkelt
Micro Hooks/Picks, angled down
Micro-ganchitos acodados hacia abajo
Micro-crochets, coudés en bas



62-3326-03 = 0,3 mm
62-3326-06 = 0,6 mm
62-3326-10 = 1,0 mm



62-3346-03 = 0,3 mm
62-3346-06 = 0,6 mm
62-3346-10 = 1,0 mm



62-3391-03 = 0,3 mm
62-3391-06 = 0,6 mm
62-3391-10 = 1,0 mm





چاقوی گوش
Ohrmesser
Ear Knives
Cuchillos auriculares
Couteaux auriculaires

Periostmesser
 Periosteal Knife
 Cuchillo para el periostio
 Couteau pour le périoste



Muck
 13.5 cm/5 1/2"
 01-2010-13

Mastoidmesser
 Mastoid Knife
 Cuchillo para mastoides
 Couteau pour l' apophyse mastoïde



Politzer
 13.5 cm/5 1/2"
 01-2012-13



Brühl
 15 cm/6"
 01-2020-15



Brühl
 15 cm/6"
 01-2021-15



Politzer
 16 cm/6 1/2"
 01-2028-16

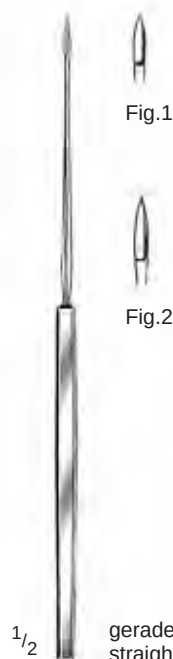
Trommelfellmesser, Tympanum Knives
 Cuchillos para tímpano, Couteaux pour le tympan



Jacobson
 15.5 cm/6 1/4"
 01-2030-15

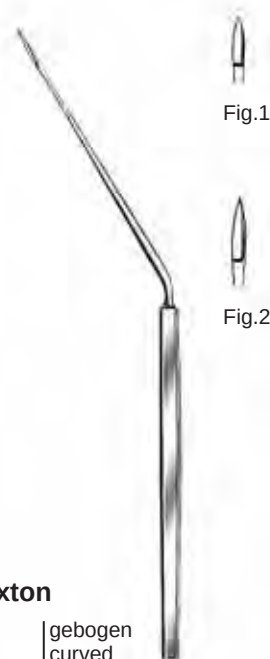


Buck
 15 cm/6"
 01-2032-15



gerade
 straight
 rectas
 droits

01-2040-01
 01-2040-02



gebogen
 curved
 curvas
 courbes

01-2041-01
 01-2041-02

Sexton

Fig.

1
 2

انواع چاقوی گوش

Ohrmesser und -nadeln

Ear Knives and Needles

cuchillos y agujas auriculares

couteaux et aiguilles auriculaires



62



Gerzog-Sexton

17 cm/6 ³/₄"

01-2056-17



16 cm/6 ³/₄"



Poltzer

01-2060-16



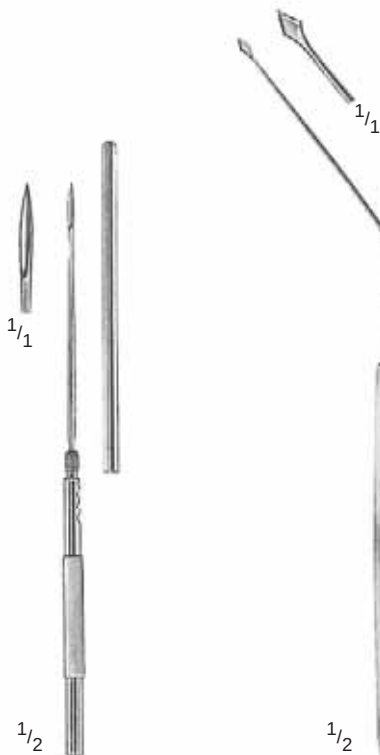
Gerzog

01-2062-16



Buck

01-2064-16



Friesner

16 cm/6 ¹/₄"

01-2070-16



Agnew

16 cm/6 ¹/₄"

01-2111-16



Poltzer

16 cm/6 ¹/₄"

01-2115-16



Poltzer

16 cm/6 ¹/₄"

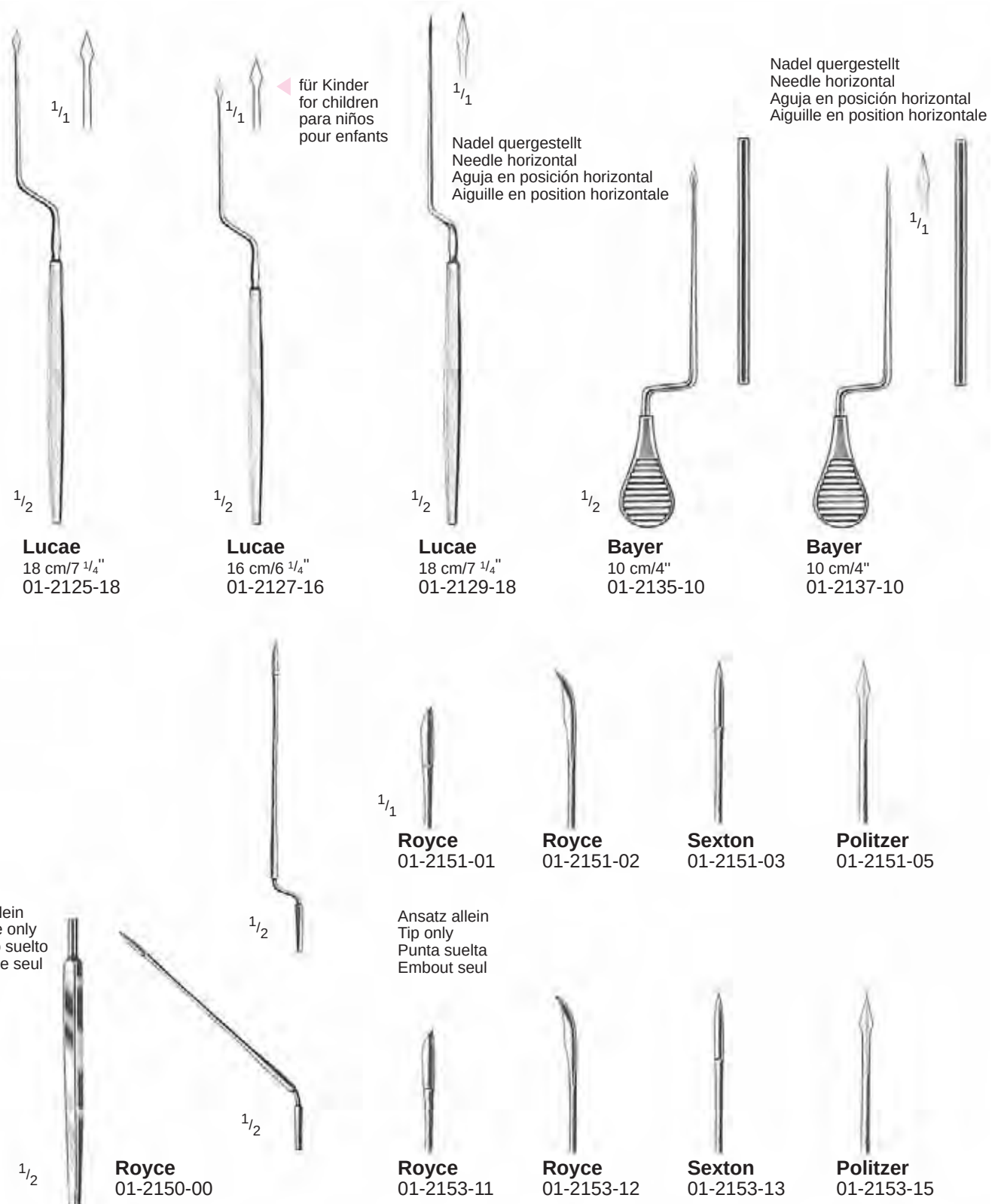
01-2117-16

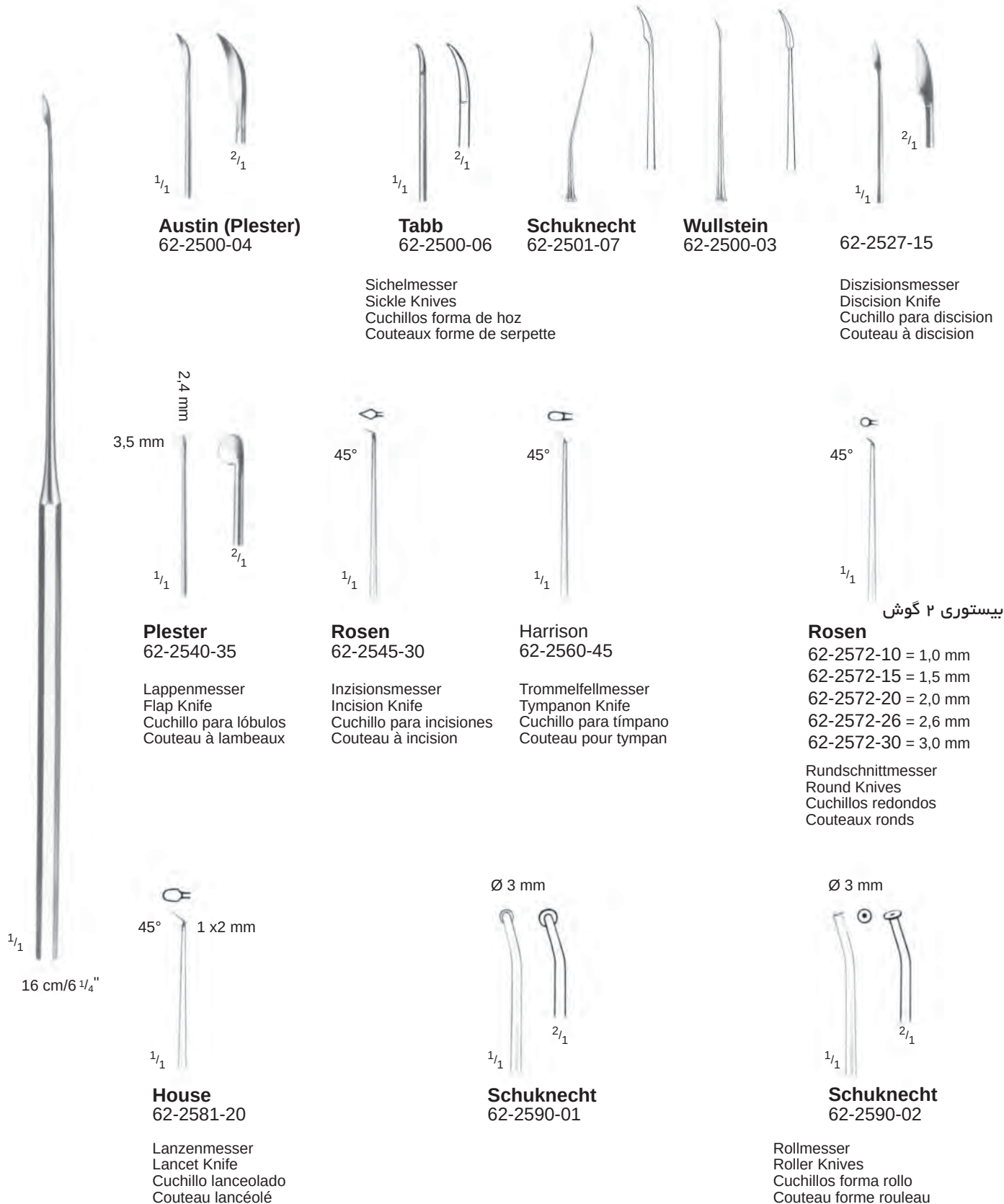
Nadel quergestellt
Needle horizontal
Aguja en posición horizontal
Aiguille en position horizontale

میرنگوتوم گوش



انواع چاقو و سوزن گوش
Ohrmesser und -nadeln
Ear Knives and Needles
Cuchillos y agujas auriculares
Couteaux et aiguilles auriculaires







انواع هوك و دايستور گوش

Doppelkralle, Ohrhebel, Ohrhäkchen

Double Pick, Ear Levers, Ear Hooks

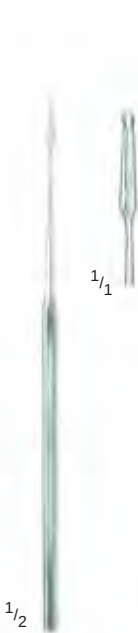
Uña doble, elevadores y ganchitos auriculares

Crochet double, leviers et crochets auriculaires

Doppelkralle
Double Pick
Uña doble
Crochet double

Ohrhebel
Ear Levers
Elevadores auriculares
Leviers auriculaires

Ohrhäkchen
Ear Hooks
Ganchitos auriculares
Crochets auriculaires



14 cm/5 1/2"
10-0460-14



Moldenhauer
16 cm/6 1/4"
62-0260-16



Zaufal
16 cm/6 1/4"
62-0264-16



Wagener
16 cm/6 1/2"
62-0268-16



Lucae
14 cm/5 1/2"

10-0404-01

10-0404-02

10-0404-03



Fig. 1
10-0414-01



Fig. 2
10-0414-02



Fig. 3
10-0414-03



Fig. 4
10-0414-04

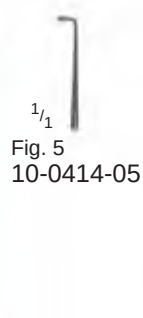


Fig. 5
10-0414-05

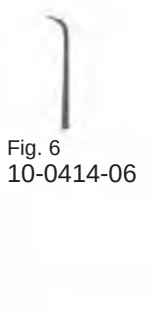


Fig. 6
10-0414-06

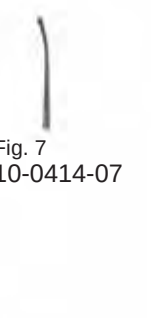
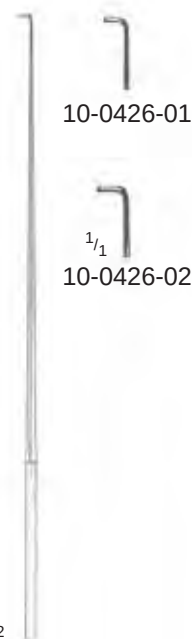


Fig. 7
10-0414-07

Wagener
14 cm/5 1/2"



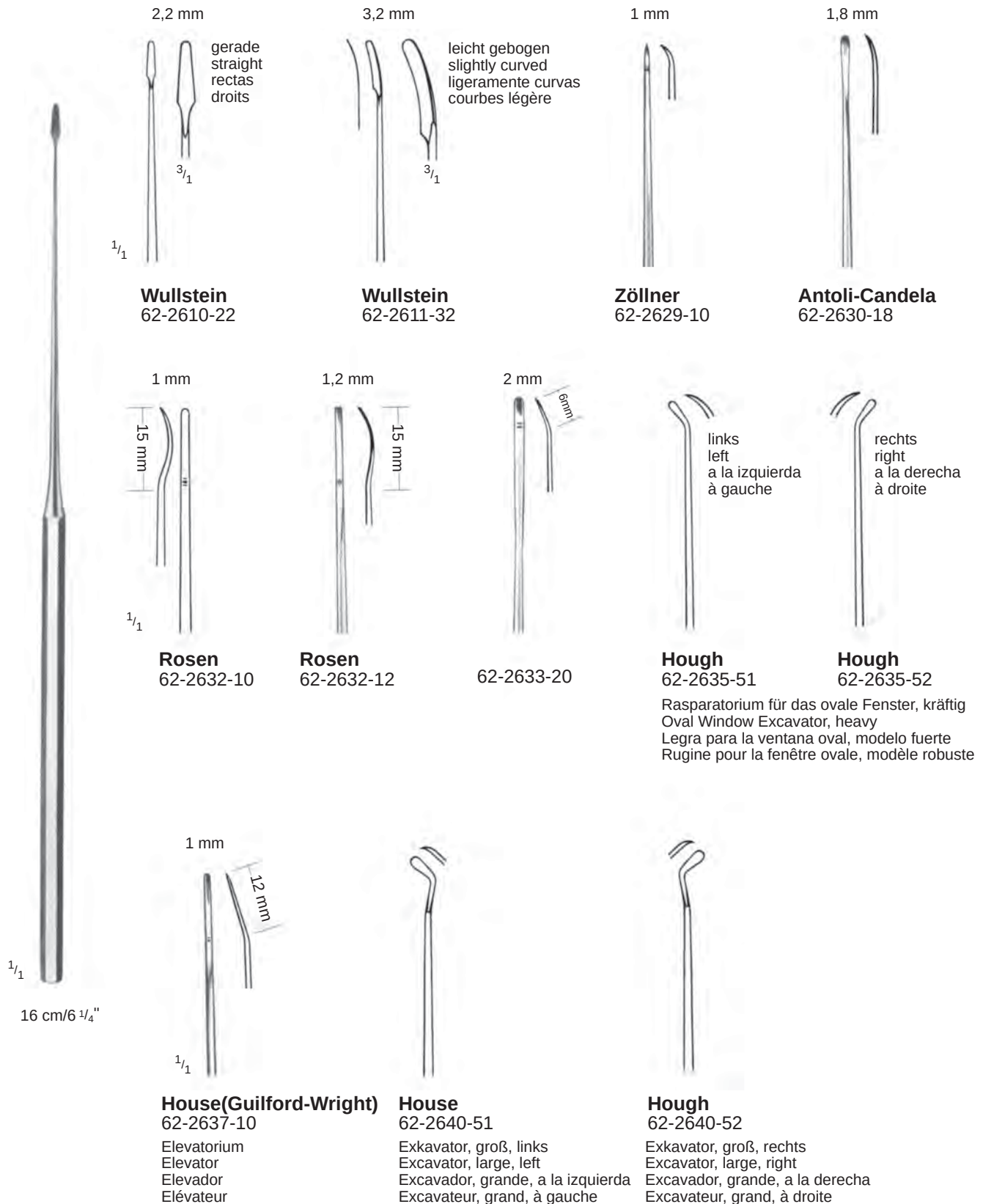
Day
16 cm/6 1/2"



Allport
16 cm/6 1/2"
10-0428-16



Yankauer
15 cm/6"
10-0432-15



House

Meßsonde, Markierung bei
Measuring Rod, marker at
Sonda de medición, graduada a
Sonde de mesure, graduée à

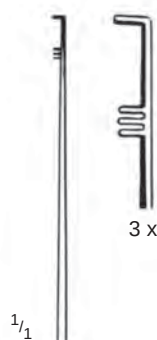
 $\frac{1}{1}$

3,5 mm
62-2650-35

4,0 mm
62-2650-40

4,5 mm
62-2650-45

5,0 mm
62-2650-50



Tiefenmeßsonde mit Markierungen
bei 3,5 mm, 4,0 mm und 4,5 mm
Measuring Rod, markers
at 3.5 mm, 4.0 mm and 4.5 mm
Sonda de medición,
graduada a 3,5 mm, 4,0 mm y 4,5 mm
Jauge de profondeur,
marquée à 3,5 mm, 4,0 mm et 4,5 mm

3 x

 $\frac{1}{1}$ **Hough**
62-2650-71

Einführungsgabel für Stapes-Prothesen
Wire Guide and Applicator
for prosthesis, V-notch
Horquilla para introducción prótesis
estapedienne
Fourchette pour introduire les prothèses de
l'étrier

3 x

 $\frac{1}{1}$ **Plester**
62-2660-62 $\frac{1}{1}$ 16 cm/6 $\frac{1}{4}$ "

Heermann

Instrumentarium zur Ausmeißelung der Stapesplatte
 Instruments for the removal of the stapedial footplate
 Instrumentario para escoplear la placa estapediense
 Instrumentation pour ciseler la platine stapédienne



62



$\frac{1}{1}$

Heermann

Handgriff aus Metall (Alu), schwarz
 Handle of metal (Alu), black-finish
 Mango de metal (Alu), negro
 Manche en métal (Alu), noir
 62-3921-00



$\frac{1}{1}$

Flachmeißel 0,7 mm
 Chisel 0.7 mm
 Cincel 0,7 mm
 Ciseau-burin 0,7 mm
 62-3921-05



Hohlmeißel 0,7 mm
 Gouge 0.7 mm
 Gubia 0,7 mm
 Gouge 0,7 mm
 62-3921-10



Hohlmeißel 1,0 mm
 Gouge 1.0 mm
 Gubia 1,0 mm
 Gouge 1,0 mm
 62-3921-20



Hohlmeißel 1,5 mm
 Gouge 1.5 mm
 Gubia 1,5 mm
 Gouge 1,5 mm
 62-3921-30



Hohlmeißel 3,0 mm
 Gouge 3.0 mm
 Gubia 3,0 mm
 Gouge 3,0 mm
 62-3921-40



$\frac{1}{1}$

$\frac{1}{2}$



Heermann

19,5 cm/7 $\frac{3}{4}$ "
 Hammer, Metall
 Mallet, metal
 Martillo, metal
 Marteau, métal
 62-3921-50



Zöllner



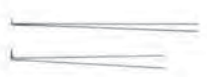
Nadel, gerade, spitz
Needle, straight, sharp point
Aguja, punta recta, aguda
Aiguille, droite, pointue
62-3853-01



Häkchen, 0,5 mm lang, 45° nach oben abgewinkelt
Hook, angled up 45°, 0.5 mm point
Ganchito, 0,5 mm de largo, acodado a 45° hacia arriba
Crochet, longueur 0,5 mm, coudé vers le haut à 45°
62-3853-05



Häkchen, 0,5 mm lang, 45° nach unten abgewinkelt
Hook, angled down 45°, 0.5 mm point
Ganchito, 0,5 mm de largo, acodado a 45° hacia abajo
Crochet, longueur 0,5 mm, coudé vers le bas à 45°
62-3853-06



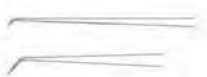
Häkchen, 0,5 mm lang, 90° nach oben abgewinkelt
Hook, angled up 90°, 0.5 mm point
Ganchito, 0,5 mm de largo, acodado a 90° hacia arriba
Crochet, longueur 0,5 mm, coudé vers le haut à 90°
62-3853-15



Häkchen, 0,5 mm lang, 90° nach unten abgewinkelt
Hook, angled down 90°, 0.5 mm point
Ganchito, 0,5 mm de largo, acodado a 90° hacia abajo
Crochet, longueur 0,5 mm, coudé vers le bas à 90°
62-3853-16



Häkchen, 1,0 mm lang, 45° nach oben abgewinkelt
Hook, angled up 45°, 1.0 mm point
Ganchito, 1,0 mm de largo, acodado a 45° hacia arriba
Crochet, longueur 1,0 mm, coudé vers le haut à 45°
62-3853-25



Häkchen, 1,0 mm lang, 45° nach unten abgewinkelt
Hook, angled down 45°, 1.0 mm point
Ganchito, 1,0 mm de largo, acodado a 45° hacia abajo
Crochet, longueur 1,0 mm, coudé vers le bas à 45°
62-3853-26



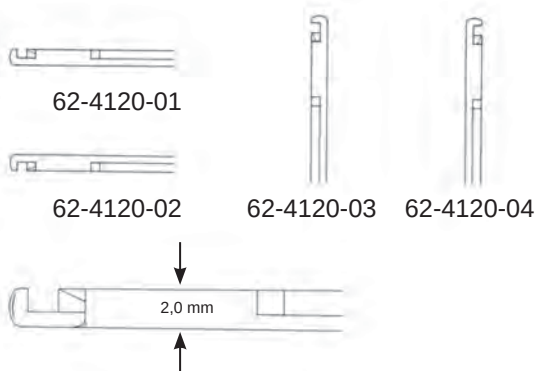
Fußplattenhäkchen, 1,0 mm lang, nach oben abgebogen
Footplate Hook, curved up, 1.0 mm point
Ganchito, para la platina estapediense, 1,0 mm de largo, acodado hacia arriba
Crochet pour la platine de l'étrier, longueur 1,0 mm, coudé vers le haut
62-3853-27



Fußplattenhäkchen, 1,0 mm lang, nach unten abgebogen
Footplate Hook, curved down, 1.0 mm point
Ganchito, para la platina estapediense, 1,0 mm de largo, acodado hacia abajo
Crochet pour la platine de l'étrier, longueur 1,0 mm, coudé vers le bas
62-3853-28

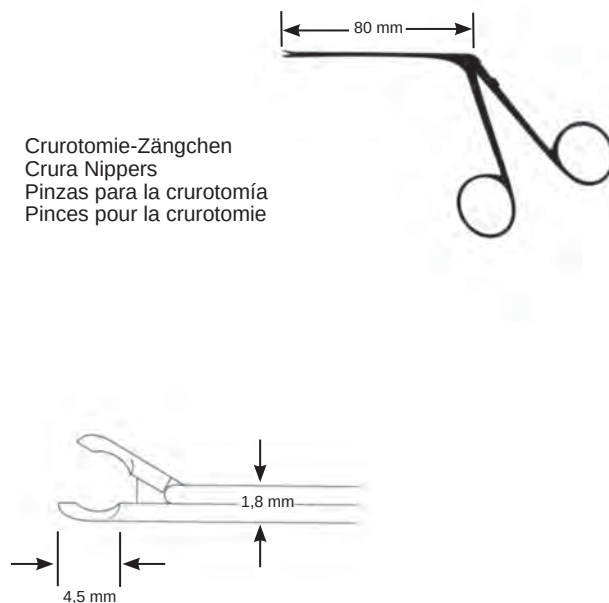


Hammerkopffzängchen
Malleus Nippers
Pinzas para la cabeza del martillo
Pincers pour la malléole

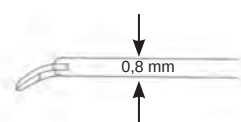


House-Dieter

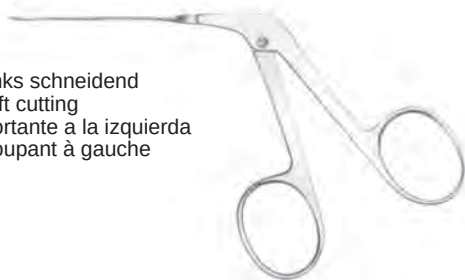
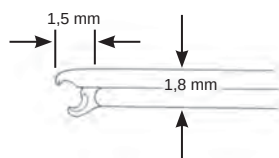
Crurotomie-Zängchen
Crura Nippers
Pinzas para la crurotomía
Pincers pour la crurotomie

Tabb
62-4130-45

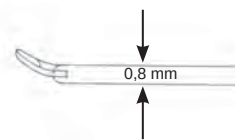
Crurotomie-Zängchen
Crura Nippers
Pinzas para la crurotomía
Pincers pour la crurotomie

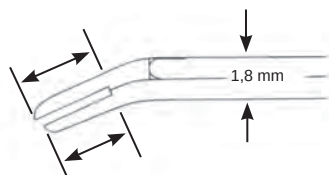


links schneidend
left cutting
cortante a la izquierda
coupant à gauche

Fisch
62-4133-01

rechts schneidend
right cutting
cortante a la derecha
coupant à droite

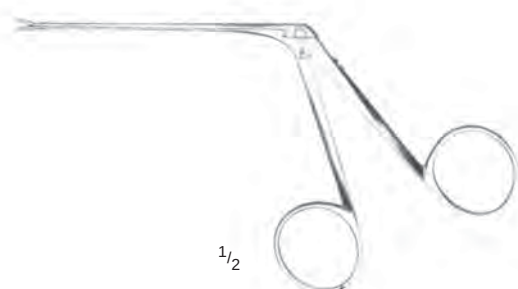
Fisch
62-4132-01



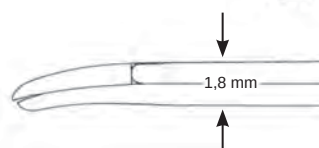
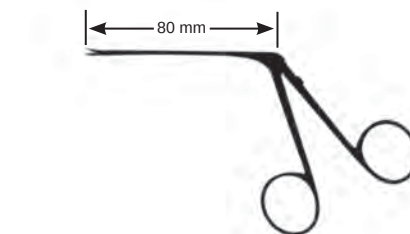
0,8 x 3,5 mm 62-4208-35



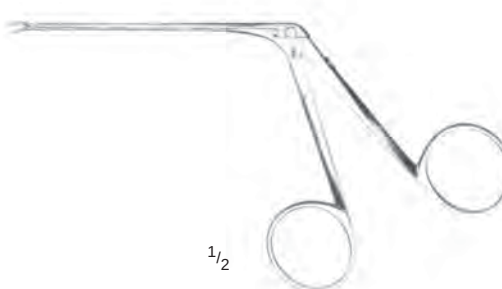
0,8 x 6,0 mm 62-4208-60



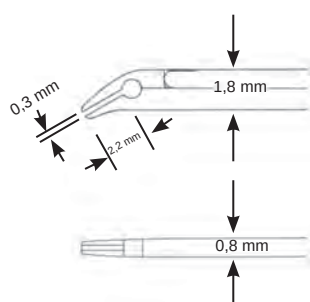
McGee



0,8 x 6,0 mm

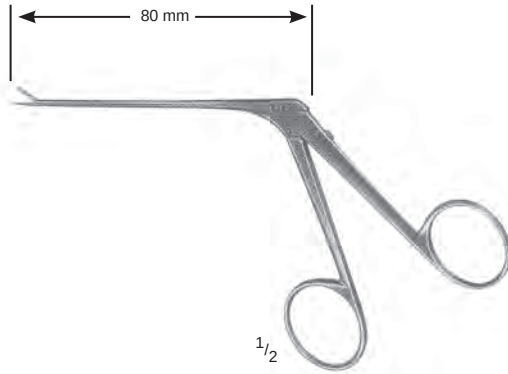


Schuknecht
62-4218-60

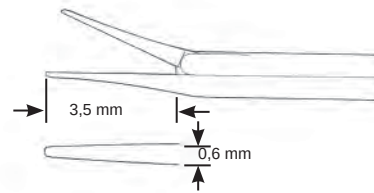


Fisch
62-4210-01

Mikro-Ohrzängchen
Micro Ear forceps
Micro-pinzas auriculares
Micropinces auriculaires

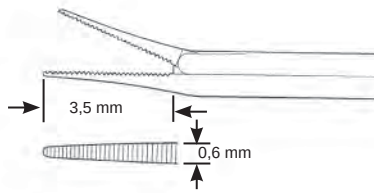


Mini-McGee



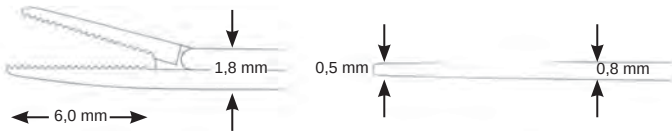
62-4241-03

3,5 x 0,6 mm/80 mm
glatt, gerade
smooth, straight
Lisa, recta
Lisse, droite

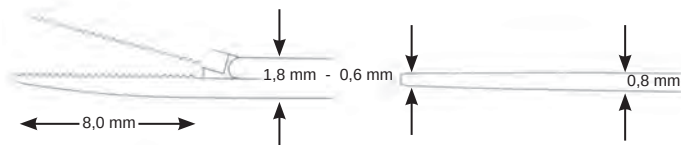
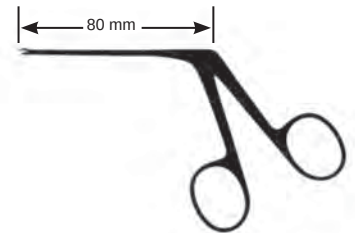


62-4242-03

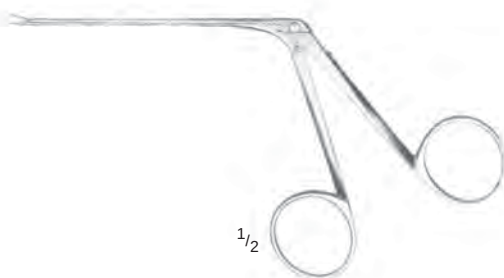
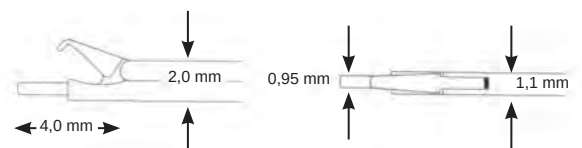
3,5 x 0,6 mm/80 mm
gerieft, gerade
serrated, straight
estriada, recta
striée, droite



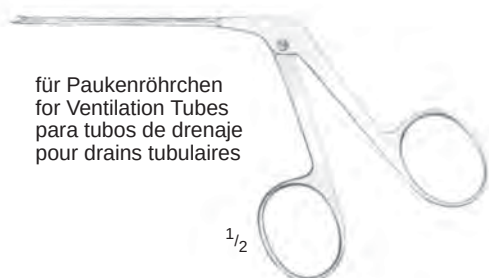
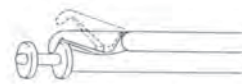
62-4246-06



62-4242-08



Alligator
delicate
62-4242-##

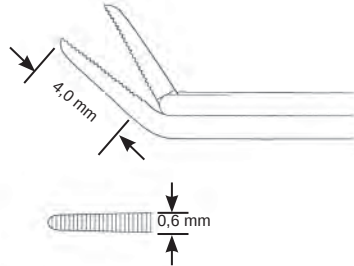
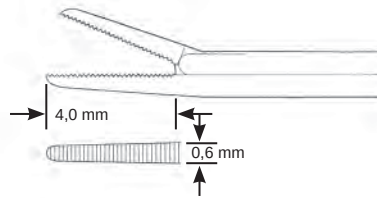
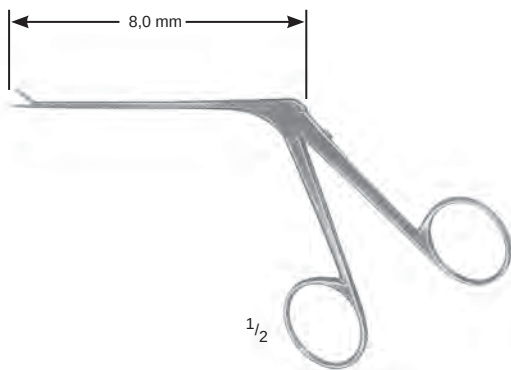


für Paukenröhrchen
for Ventilation Tubes
para tubos de drenaje
pour drains tubulaires

62-4244-05



Mikro-Ohrzängchen
Micro Ear forceps
Micro-pinzas auriculares
Micropinces auriculaires

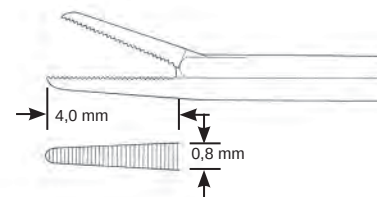
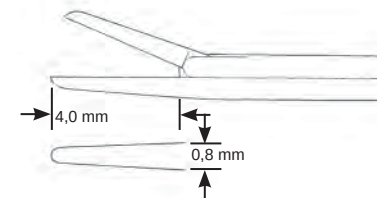
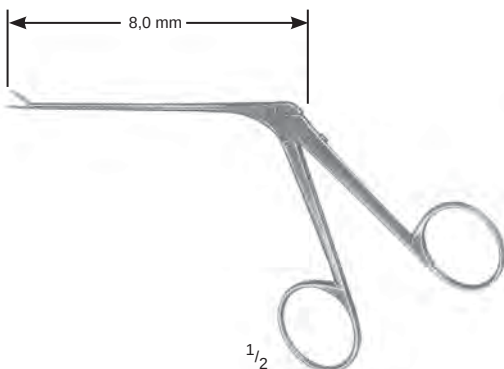


62-4343-04
4,0 x 0,6 mm
gerieft, gerade
serrated, straight
estriada, recta
striée, droite

62-4344-04
aufgebogen, gerieft
bent upwards, serrated
curva por arriba, estriada
courbée vers le haut, striée

62-4345-04
rechts, gerieft
right, serrated
derecha, estriada
droite, striée

62-4346-04
links, gerieft
left, serrated
izquierda, estriada
gauche, striée



62-4245-04
4,0 x 0,8 mm
glatt, gerade
smooth, straight
Lisa, recta
Lisse, droite

62-4246-04
4,0 x 0,8 mm
gerieft, gerade
serrated, straight
estriada, recta
striée, droite

62-4247-04
4,0 x 0,8 mm
aufgebogen, gerieft
bent upwards, serrated
curva por arriba, estriada
courbée vers le haut, striée

62-4248-04
4,0 x 0,8 mm
rechts, gerieft
right, serrated
derecha, estriada
droite, striée

62-4249-04
4,0 x 0,8 mm
links, gerieft
left, serrated
izquierda, estriada
gauche, striée



پنس تامپون - پنس پولیپ گوش

Ohrpolypenzangen, Tamponzangen

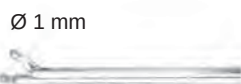
Ear Polypus Forceps, Tampon Forceps

Pinzas para pólipos auriculares y para taponamientos

Pinces pour polypes auriculaires, pincers porte-tampons



Hartmann-Wullstein
62-4324-08



Hartmann-Wullstein

62-4320-08
gerade
straight
rectas
droites

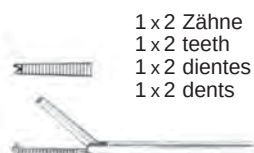
62-4321-08
aufgebogen
angled up
hacia arriba
en haut

62-4322-08
links gebogen
curved left
a la izquierda
à gauche

62-4323-08
rechts gebogen
curved right
a la derecha
à droite



Hartmann
62-4330-08 = 8,5 cm
62-4330-14 = 14 cm
62-4330-16 = 16 cm



Hartmann
62-4332-08 = 8,5 cm
62-4332-14 = 14,0 cm

1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents



Hartmann-Noyes
62-4340-09 = 9 cm



62-4341-08
Entenschnabel
Duckbill
Pico de pato
Bec de canard



Weingärtner
62-4343-08



Strümpel
62-4350-08



Hartmann
62-4352-08



Hartmann
62-4358-20 = 2,0 mm
62-4358-25 = 2,5 mm
62-4358-30 = 3,0 mm



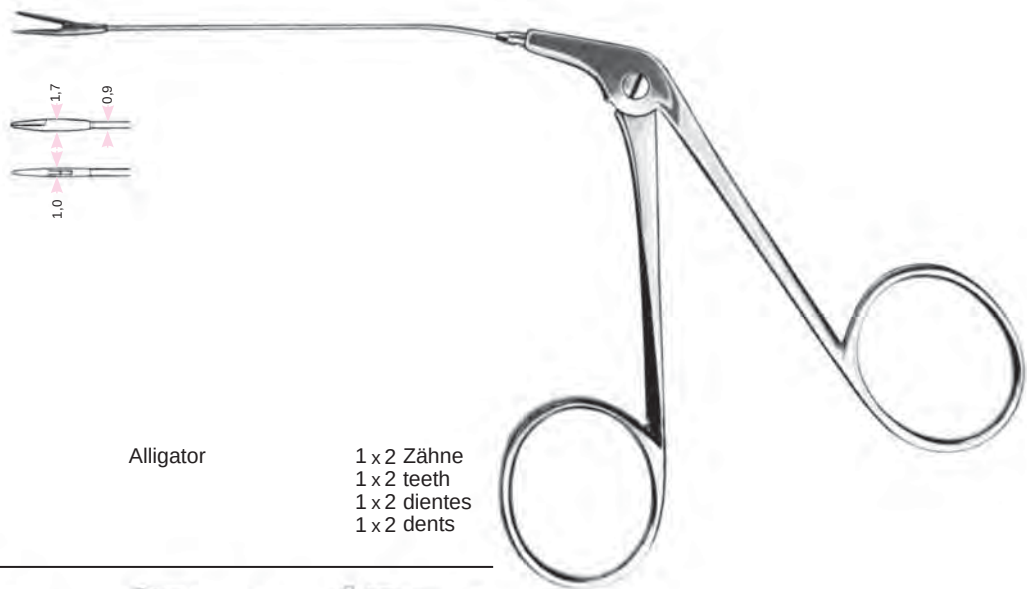
Hartmann
62-4359-20 = 2,0 mm
62-4359-25 = 2,5 mm
62-4359-30 = 3,0 mm



Hartmann
62-4374-08



Hartmann-Hoffmann
62-4378-20

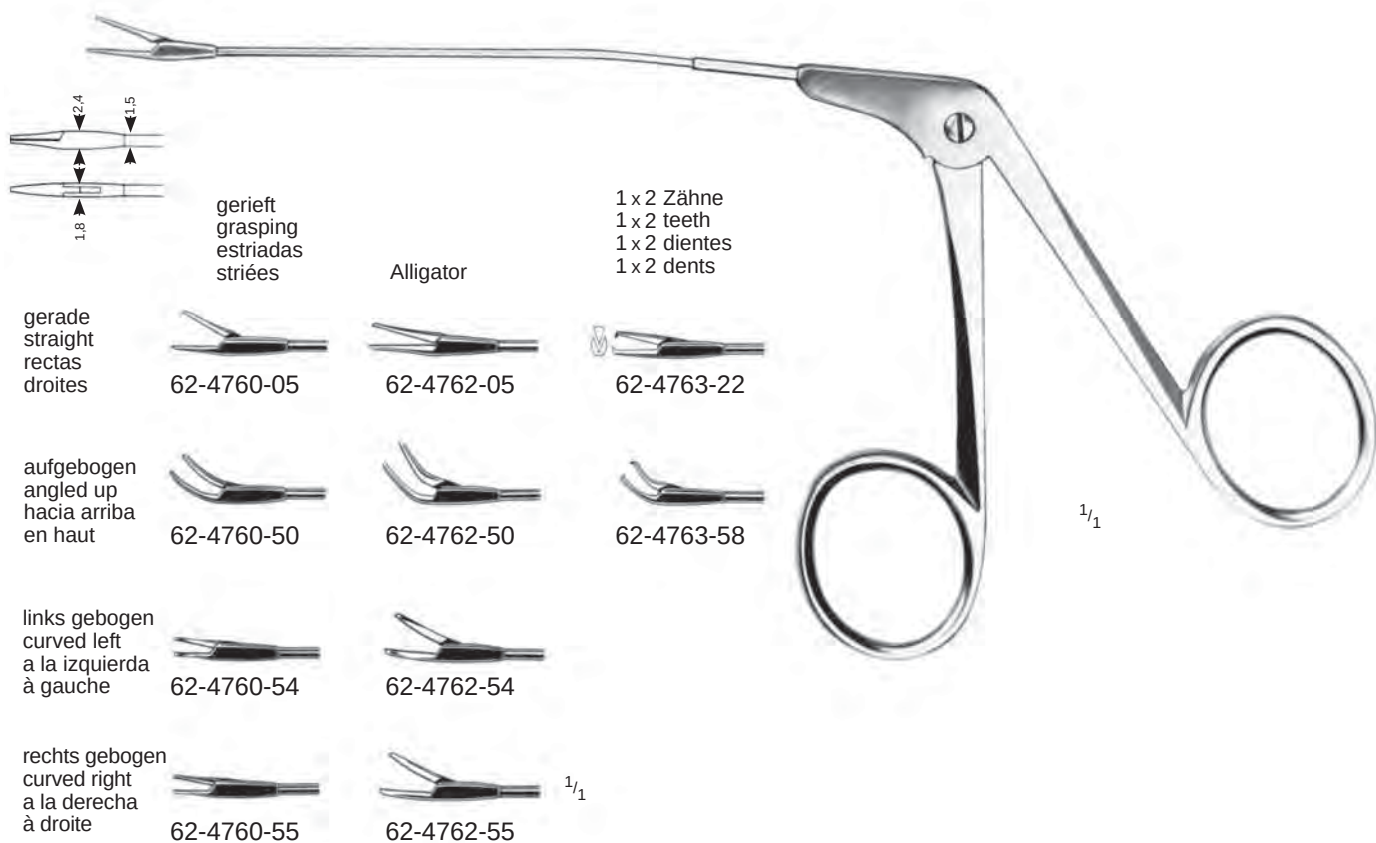


Ohrzängchen, fein
 Delicate Ear Forceps
 Pinzas auriculares finas
 Pinces auriculaires fines

	gerieft grasping estriadas striées	Alligator	1 x 2 Zähne 1 x 2 teeth 1 x 2 dientes 1 x 2 dents
gerade straight rectas droites	 62-4720-05	 62-4722-05	 62-4723-22
aufgebogen angled up hacia arriba en haut	 62-4720-50	 62-4722-50	 62-4723-58
links gebogen curved left a la izquierda à gauche	 62-4720-54	 62-4722-54	
rechts gebogen curved right a la derecha à droite	 62-4720-55	 62-4722-55	

Löffelzängchen, fein
 Delicate Cup-shaped Forceps
 Pinzas finas boca forma cureta
 Pinces fines mors curette

gerade straight rectas droites	 62-4724-02	 62-4726-02
aufgebogen angled up hacia arriba en haut	 62-4724-50	 62-4726-50
links gebogen curved left a la izquierda à gauche	 62-4724-54	 62-4726-54
rechts gebogen curved right a la derecha à droite	 62-4724-55	 62-4726-55



Löffelzängchen, fein
Delicate Cup-shaped Forceps
Pinzas finas bocas cureta
Pinces fines mors curette

Ø 1 mm

Ø 1,5 mm

Ø 2 mm

Ø 2,5 mm

oval
oval
ovaladas
ovales

gerade
straight
rectas
droites



62-4910-02



62-4915-02



62-4920-02



62-4925-02



62-4933-02

aufgebogen
angled up
hacia arriba
en haut



62-4910-50



62-4915-50



62-4920-50



62-4925-50



62-4933-50

links gebogen
curved left
a la izquierda
à gauche



62-4910-54



62-4915-54



62-4920-54



62-4925-54



62-4933-54

rechts gebogen
curved right
a la derecha
à droite



62-4910-55



62-4915-55



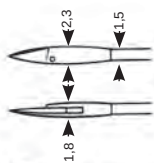
62-4920-55



62-4925-55



62-4933-55



gerade
straight
rectas
droites



62-5020-03

aufgebogen
angled up
hacia arriba
en haut



62-5020-33

links gebogen
curved left
a la izquierda
à gauche



62-5020-53

rechts gebogen
curved right
a la derecha
à droite



62-5020-63

gerade
straight
rectas
droites

horizontal

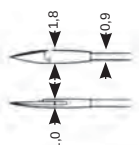


62-5020-73

aufgebogen
angled up
hacia arriba
en haut



62-5020-77



gerade
straight
rectas
droites



62-5022-03

aufgebogen
angled up
hacia arriba
en haut



62-5022-33

links gebogen
curved left
a la izquierda
à gauche



62-5022-53

rechts gebogen
curved right
a la derecha
à droite



62-5022-63

gerade
straight
rectas
droites

horizontal



62-5022-73

aufgebogen
angled up
hacia arriba
en haut



62-5022-77

1/1

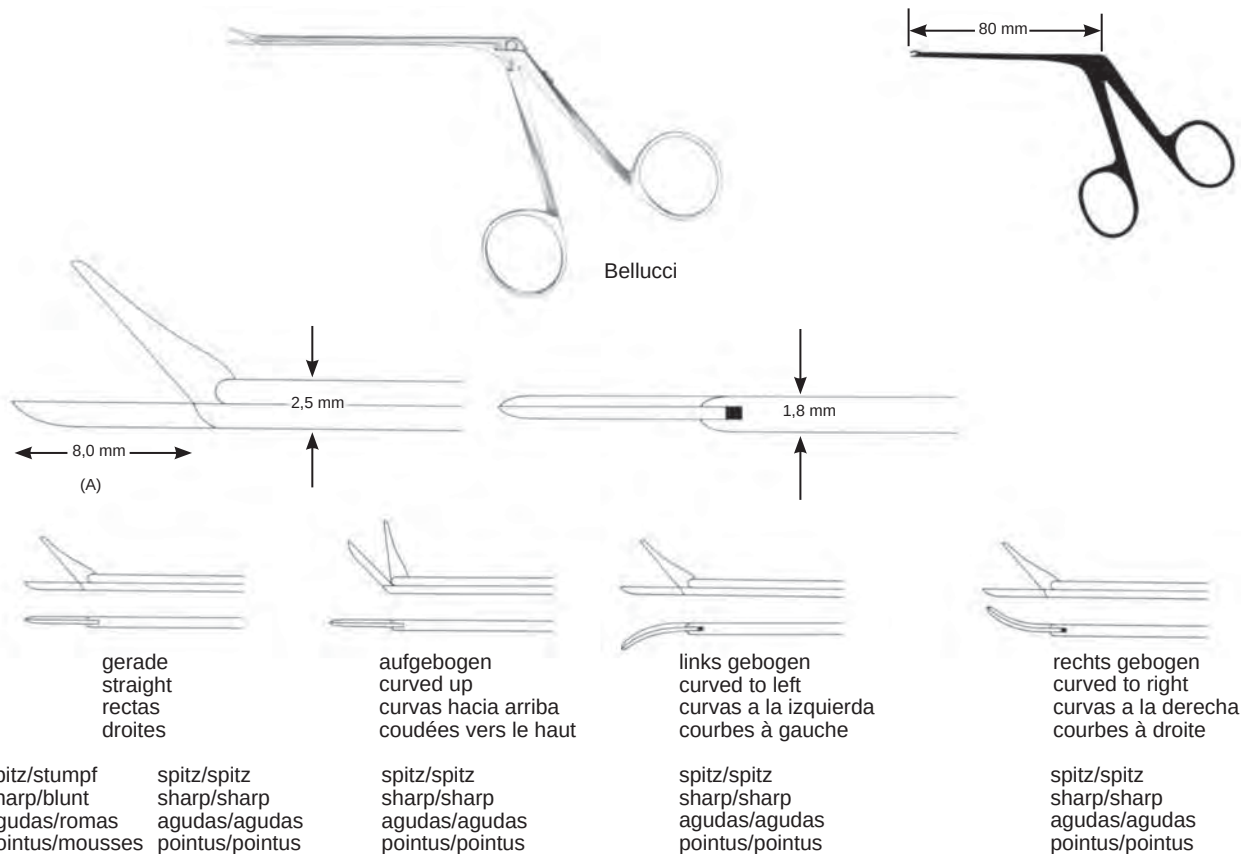


1/1



1/1

mini-micro



fein - delicate - finas - fins

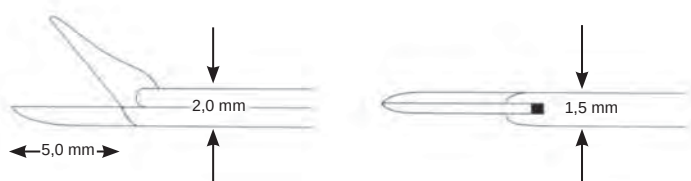
62-4618-02

62-4618-03

62-4618-33 (A = 6,0 mm)

62-4618-53

62-4618-63



sehr fein - very delicate - muy finas - très fins

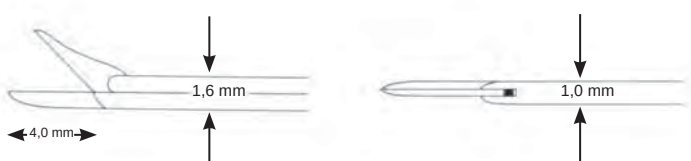
62-4625-02

62-4625-03

62-4625-33 (A = 4,5 mm)

62-4625-53

62-4625-63



extra fein - extra delicate extra finas - extra fins

62-4634-02

62-4634-03

62-4634-53

62-4634-63

65

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سینوس - سپتوم - رینولوژی - رینوپلاستی

Rhinologie, Rhinoplastik, Septum

Rhinology, Rhinoplastic Septum

Rinología, rinoplastía, tabique

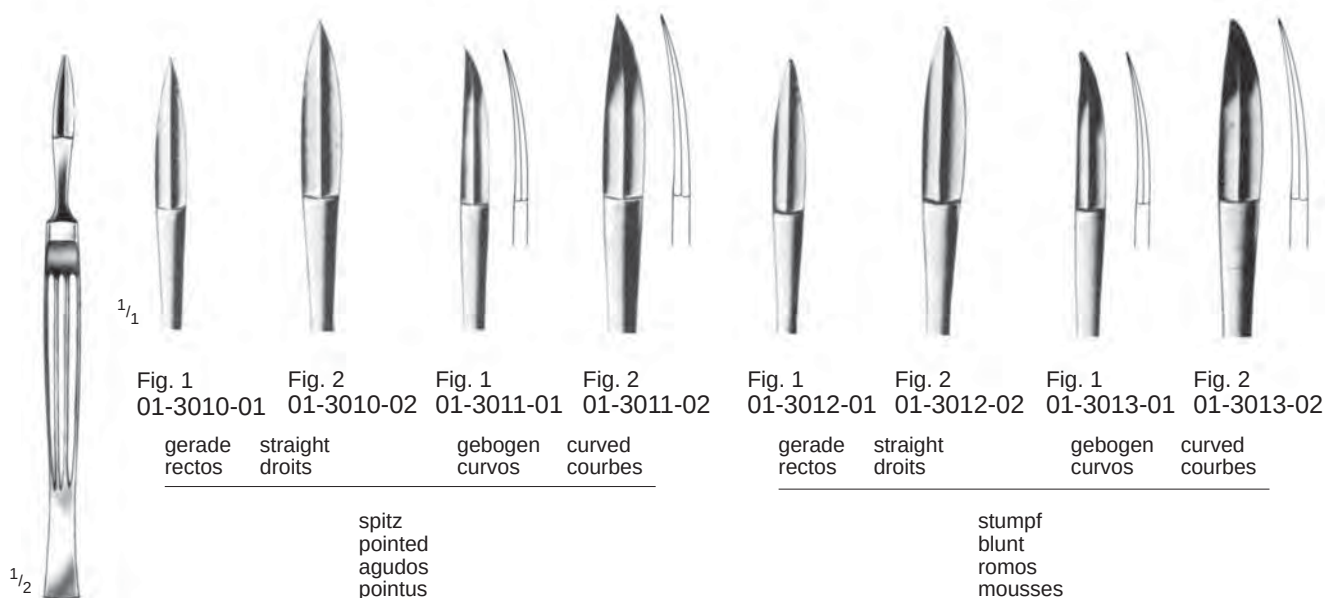
Rhinologie, rhinoplastie, cloison



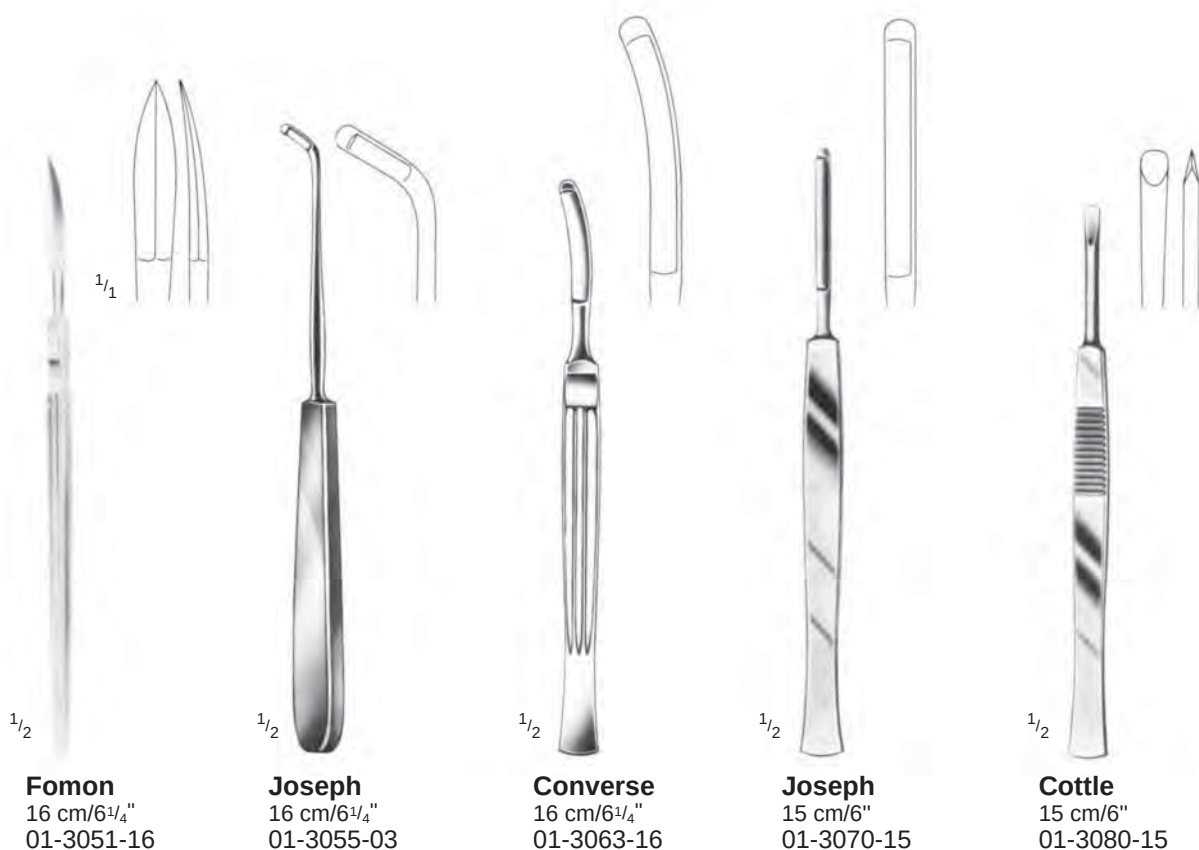
چاقوی رینوپلاستی

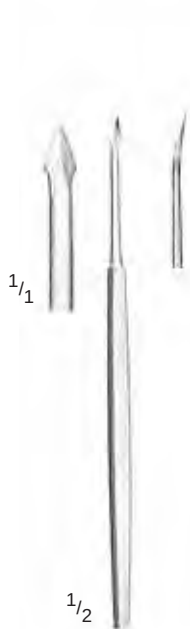
Nasenoperationsmesser
Rhinoplastic Knives
Cuchillos para rinoplastia
Couteaux pour rhinoplastie

Nasenplastikmesser
Rhinoplastic Knives
Bisturíes para plástica de la nariz
Bistouris pour plastique du nez



Joseph





Masing

14 cm/5 1/2"
01-3101-14



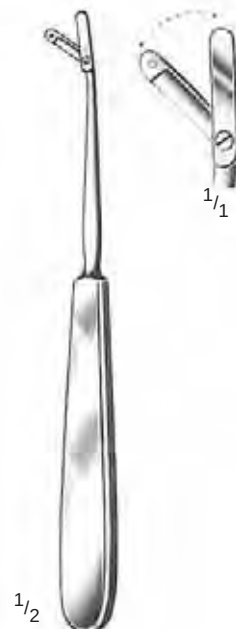
Masing

14 cm/5 1/2"
01-3103-14



Cottle

15 cm/6"
01-3110-15



Maltz

16 cm/6 1/4"
01-3115-16

Knorpelmesser
Cartilage Knife
Cuchillo para el cartilago
Bistouri pour le cartilage

Mukosamesser
Mucous Knives
Cuchillos para la mucosa
Bistouris pour la muqueuse



Ballenger

14 cm/5 1/2"
01-3120-14



Freer

15 cm/6"
01-3130-15



Freer

15 cm/6"
01-3132-15



Freer

15 cm/6"
01-3136-15



Sickel knife
pointed

19 cm/7 1/2"
01-3145-19



چاقوی سپتوم

Septummesser

Septum Knives

Bisturíes para el tabique nasal

Bistouris pour la cloison nasale

Ersatzklinge
Spare blade
Hoja de repuesto
Lame de rechange
01-3200-90

 $\frac{1}{2}$

Bruenings
16,5 cm/6 $\frac{1}{2}$ "
01-3200-16

 $\frac{1}{1}$

L

 $\frac{1}{2}$

Freer
19 cm/7 $\frac{1}{2}$ "
01-3210-16



R

 $\frac{1}{2}$

Freer
19 cm/7 $\frac{1}{2}$ "
01-3210-02

 $\frac{1}{1}$ $\frac{1}{2}$

Freer
19 cm/7 $\frac{1}{2}$ "
01-3212-19

 $\frac{1}{1}$ $\frac{1}{2}$

Freer
19 cm/7 $\frac{1}{2}$ "
01-3213-19

Septumschwingmesser
Septum Swivel Knives
Cuchillos para el tabique nasal con hojas móviles
Couteaux mobiles pour la cloison nasale



Ballenger
21,5 cm/8 $\frac{1}{2}$ "

 $\frac{1}{1}$

3 mm
01-3221-03
01-3222-03



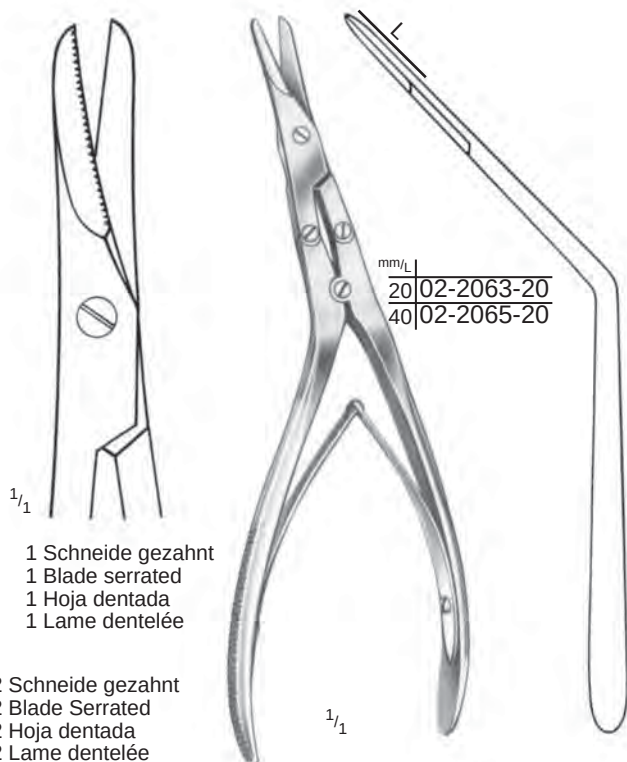
4 mm
01-3221-04
01-3222-04



5 mm
01-3221-05
01-3222-05



Ballenger
22 cm/8 $\frac{3}{4}$ "



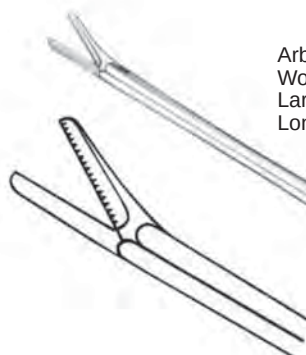
1 Schneide gezahnt
 1 Blade serrated
 1 Hoja dentada
 1 Lame dentelée

2 Schneide gezahnt
 2 Blade Serrated
 2 Hoja dentada
 2 Lame dentelée

20 cm
 02-2064-20

Caplan
 20 cm/8"

gezahnt
 saw edge
 dentadas
 dentelés



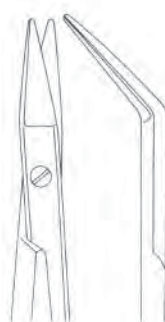
Arbeitslänge: 13 cm/5"
 Working length: 13 cm/5"
 Largo útil: 13 cm/5"
 Longueur utile: 13 cm/5"

1/2

Olivecrona
 21,5 cm/8 1/2"
 02-4680-13

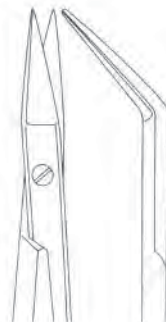


Converse



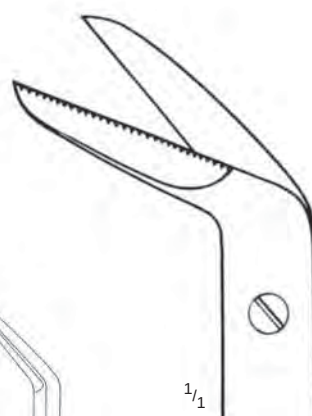
10,5 cm/4 1/4"
 02-2065-10

stumpf
 blunt
 romo
 mousse

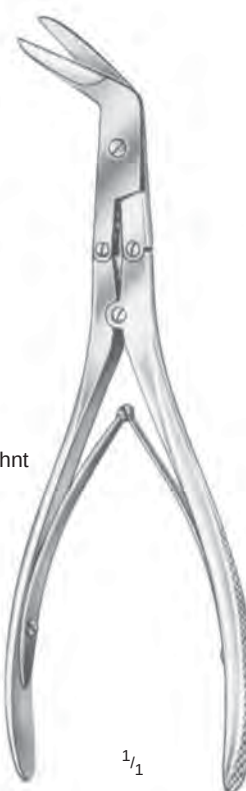


10,5 cm/4 1/4"
 02-2066-10

spitz
 sharp
 agudo
 pointu



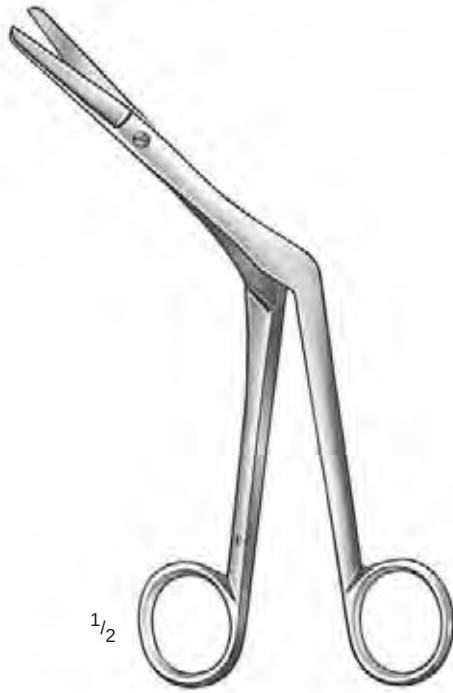
1 Schneide gezahnt
 1 Blade serrated
 1 Hoja dentada
 1 Lame dentelée



Killian
 21 cm/8 1/2"
 02-2067-21



انواع قیچی بینی
 Nasenscheren
 Nasal Scissors
 Tijeras nasales
 Ciseaux nasaux



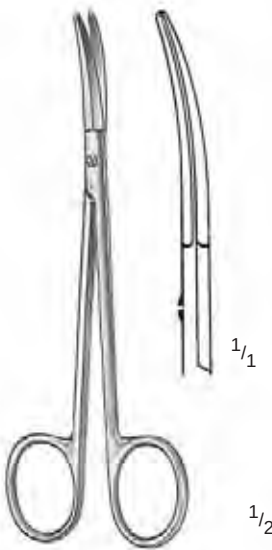
Heymann
 18 cm/7"
 02-2015-18



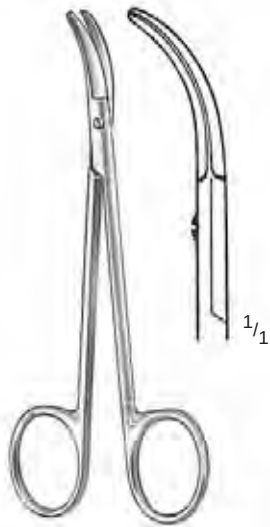
Heymann
 18,5 cm/7 1/4"
 02-2016-18



Knight
 18 cm/7"
 02-2019-18



Fomon "Saber Back"
 13,5 cm/5 1/4"
 02-2031-13



Fomon "Upper Lateral"
 13,5 cm/5 1/4"
 02-2035-13



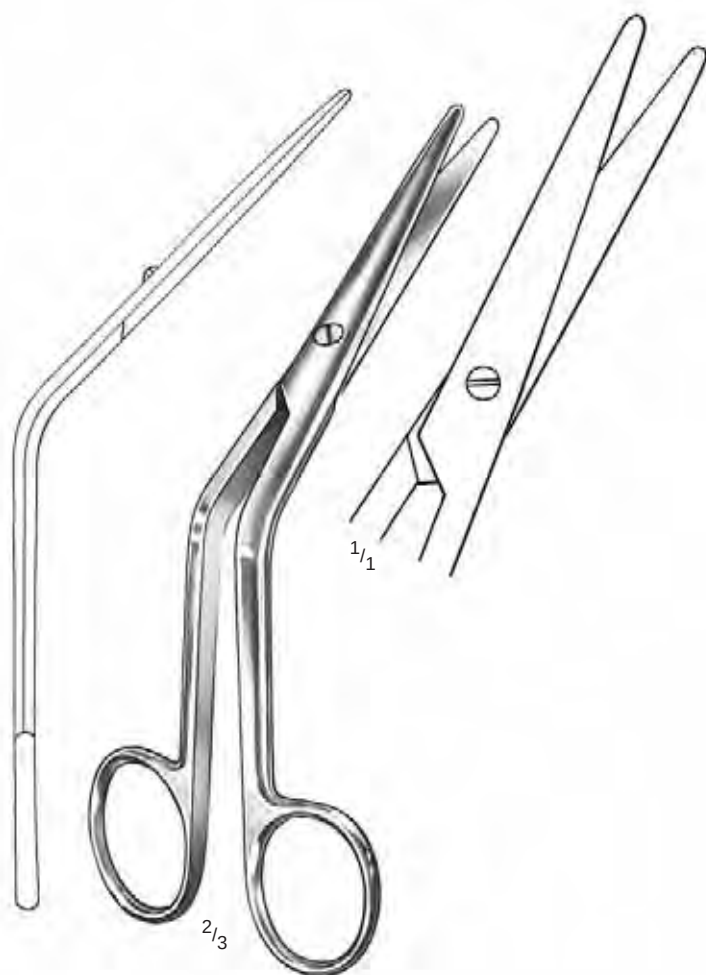
Cinelli
 11,5 cm/4 1/2"
 02-2036-11



Fomon
 14 cm/5 1/2"
 02-2038-14



Fomon
14,5 cm/5³/₄"
02-2051-14



Cottle
17 cm/6³/₄"
02-2055-17

Gewebe- und Knorpelfaßpinzetten
Tissue and Cartilage Forceps
Pinzas para tejidos y cartilagos
Pincers pour saisir tissus et cartilages

ohne Schloß
without spring catch
sin cierre de resorte
sans arrêt à ressort

mit Schloß
with spring catch
con cierre de resorte
avec arrêt à ressort



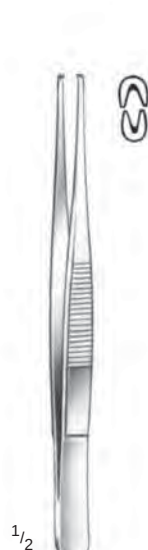
Graefe
11 cm/4 1/2"
04-5020-11



Graefe
11 cm/4 1/2"
04-5022-11



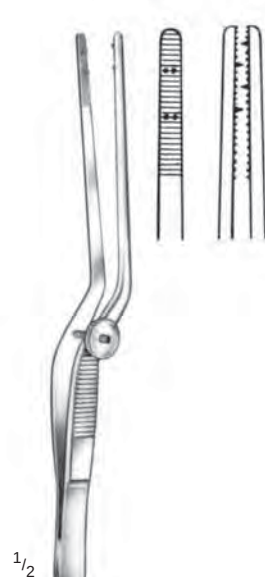
Adson-Brown
04-5340-12 = 12 cm/4 3/4"
04-5340-15 = 15 cm/6"



Hinderer
13 cm/5 1/8"
04-5414-13



Cottle
15,5 cm/6"
04-5418-15



Cottle
15 cm/6"
04-5451-15

Columella-Klemmen
Columella Forceps
Pinzas para columela
Pincers pour columelle



Masing
8,5 cm/3 3/4"
04-5402-85



Cottle
11 cm/4 3/4"
04-5404-11

Nasenpinzetten
Nasal Dressing Forceps
Pinzas nasales
Pincers nasaux



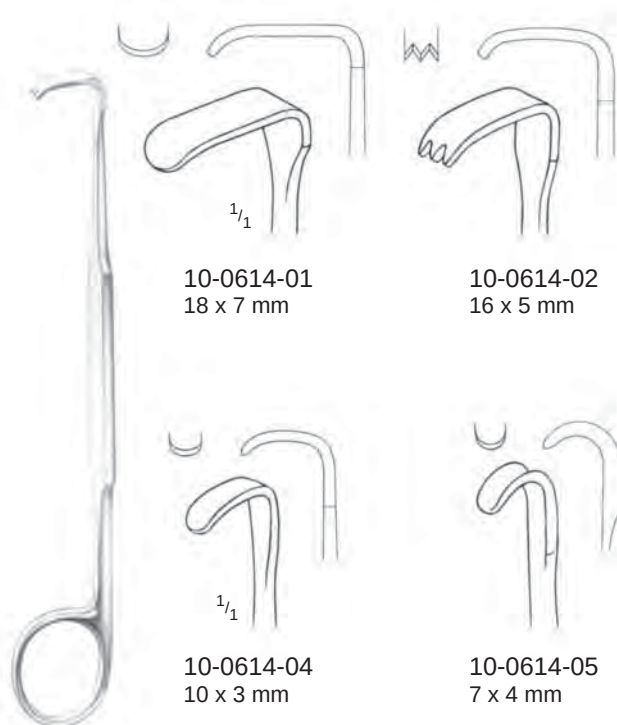
Jansen
16 cm/6 1/4"
04-5655-16



Jansen
19 cm/7 1/2"
04-5655-19



Jansen
16 cm/6 1/4"
04-5663-16



10-0614-01
18 x 7 mm

10-0614-02
16 x 5 mm

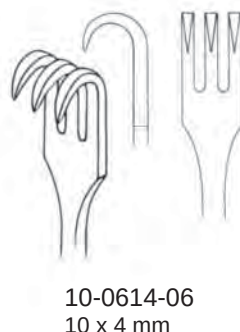
10-0614-03
7 x 4 mm



10-0614-04
10 x 3 mm



10-0614-05
7 x 4 mm



10-0614-06
10 x 4 mm

Meyerding Finger Retractors
18 cm/7"
10-0614-00 Satz/Set 6



Meyerding
16 cm/6 1/4"
10-0614-16



Freer
15 cm/6"
10-0182-15



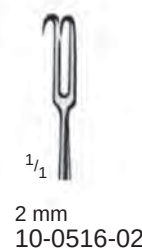
Cottle
16 cm/6 1/4"
10-0209-16



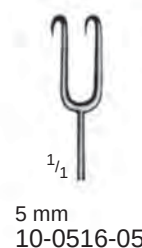
Joseph
15 cm/6"
10-0515-01



Joseph
16 cm/6 1/4"



2 mm
10-0516-02



5 mm
10-0516-05



7 mm
10-0516-07



10 mm
10-0516-10

Schleimhauthäkchen
Mucous Hooks
Ganchos para la mucosa
Crochets pour la muqueuse



انواع هوك

Nasenflügelhaken

Hooks for posterior nares

Separadores nasales

Crochets pour les ailes du nez



Cottle
14 cm/5 1/2"
10-0654-01



Cottle
14 cm/5 1/2"
10-0654-02



Cottle
14 cm/5 1/2"
10-0654-03



Fomon
16 cm/6 1/4"
10-0656-16



Neivert
20 cm/8"
10-0658-20



Cottle-Neivert
20 cm/8"
10-0658-21

Choanenhaken
Hook for posterior nares
Gancho para las coanas
Crochet boutonné pour
les ailes du nez



Fomon
17 cm/6 3/4"
10-0664-17



Lange
22 cm/8 3/4"
10-0666-22



Cottle
15 cm/6"
10-0674-15



Aufricht (Walter)
13,5 cm/5 1/4"
10-0676-14



Aufricht
16 cm/6 1/4"
L = 45 mm: 10-0676-45
L = 60 mm: 10-0676-60

Nasenflügelhäkchen
Alar Hook let
Ganchito para alas de nariz
crochet pour les ailes du nez

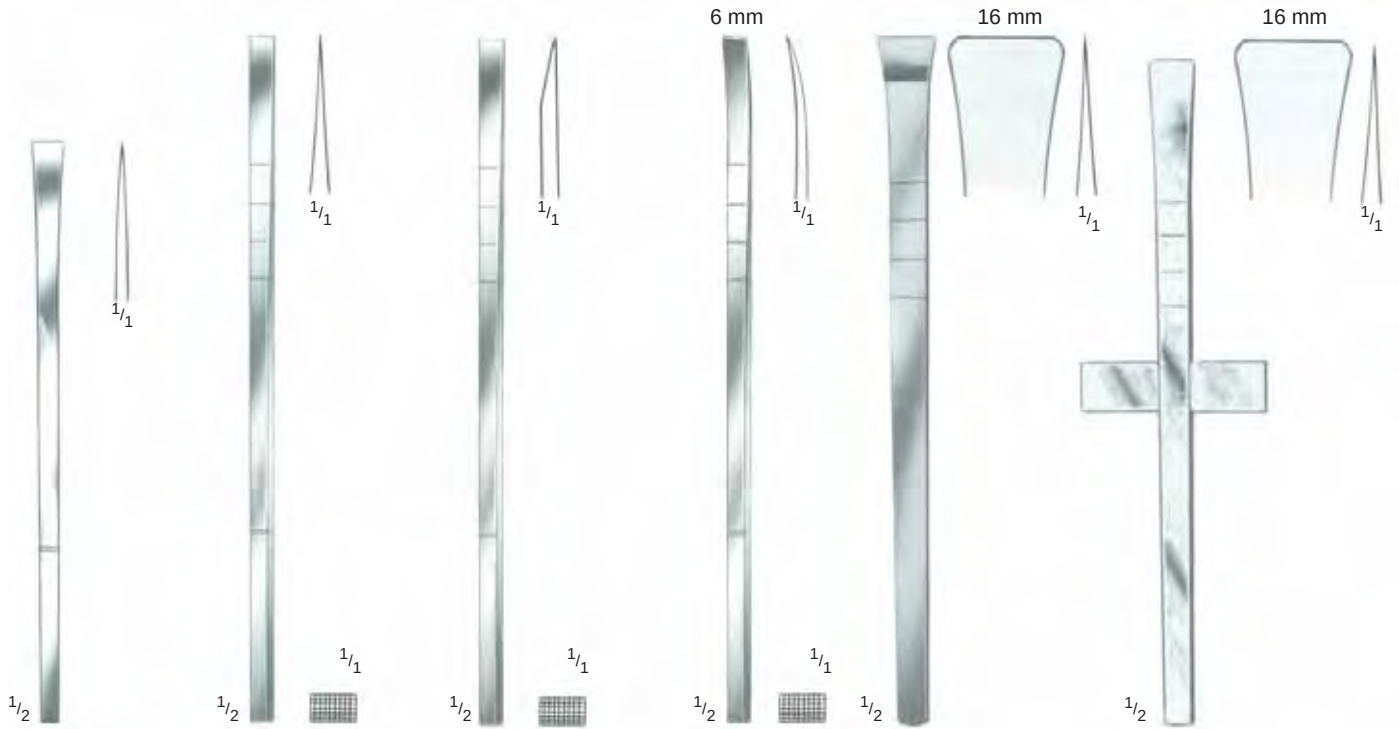


Converse
11,5 cm/4 1/2"
10 x 14 mm
65-0014-10



Univer®

65



Cottle

15 cm/6"

15-1415-07 = 7 mm

15-1415-12 = 12 mm

Cottle

18 cm/7"

15-1418-04 = 4 mm

15-1418-06 = 6 mm

15-1418-07 = 7 mm

15-1418-09 = 9 mm

15-1418-12 = 12 mm

Cottle

18 cm/7"

15-1418-54 = 4 mm

15-1418-57 = 6 mm

15-1418-59 = 9 mm

15-1418-62 = 12 mm

Cottle

18 cm/7"

15-1419-06

Cottle

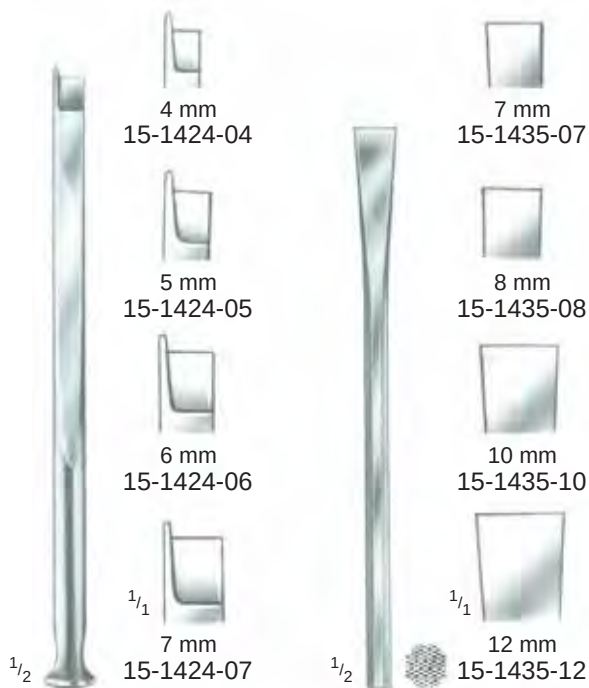
18 cm/7"

15-1418-86

Cottle

18 cm/7"

15-1418-96

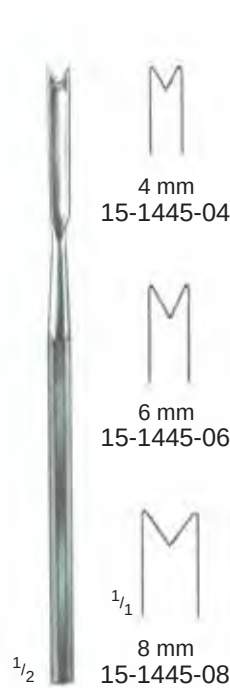


Fomon

14,5 cm/5 3/4"

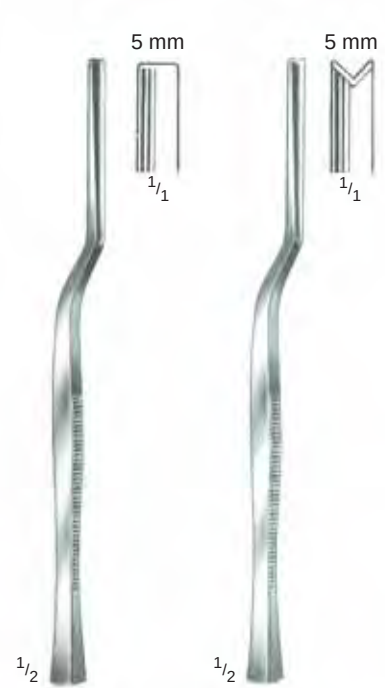
Sheehan

15 cm/6"



Ballenger

15 cm/6"



Killian

16 cm/6 1/4"
15-1456-05

Killian

16 cm/6 1/4"
15-1457-05



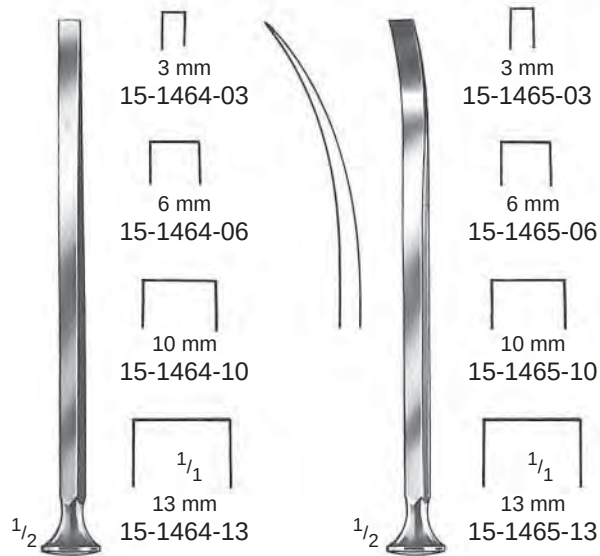
انواع گوژ و استوتوم بینی (صلیبی - لترال - دبل گارد)

Flach- und Hohlmeißel für Rhinologie und plastische Operationen

Chisels and Gouges for Rhinology and Plastic Operations

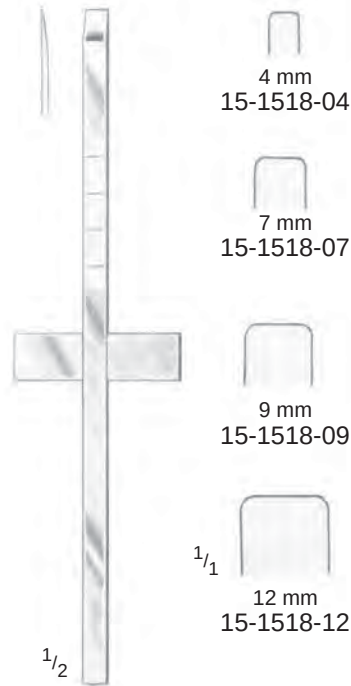
Cinceles y gubias para Rinología y para operaciones plásticas

Ciseaux-burins et gouges pour Rhinologie et pour opérations plastiques



Carroll (French pattern)
14,5 cm/5 3/4"

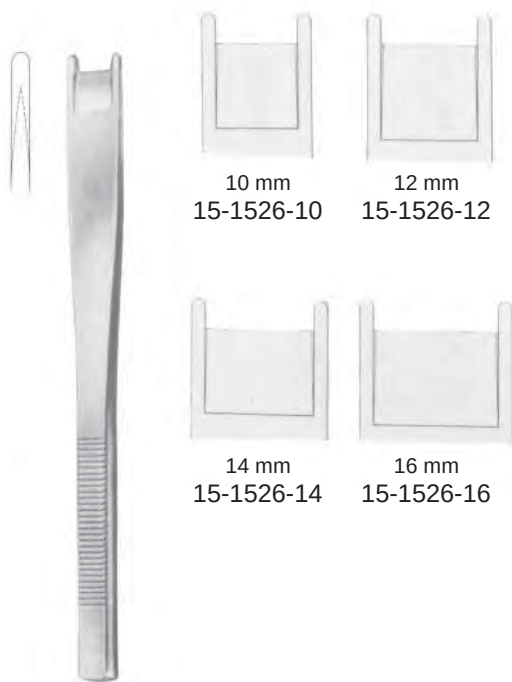
Carroll (French pattern)
14,5 cm/5 3/4"



Cottle
18 cm/7"



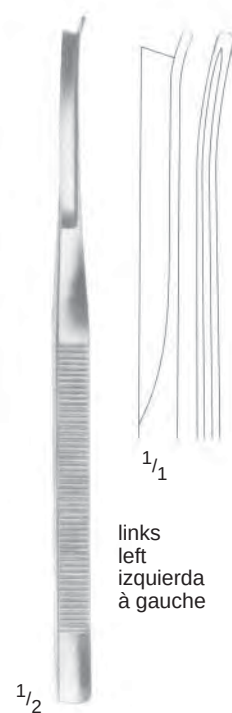
Cottle
18 cm/7"
15-1519-06



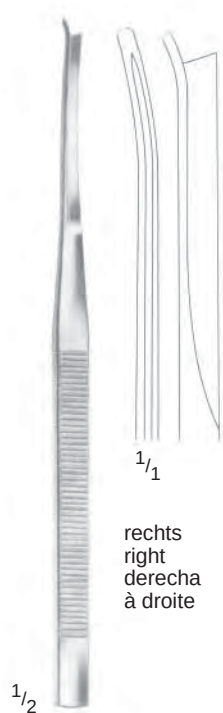
Cinelli
16 cm/6 1/4"



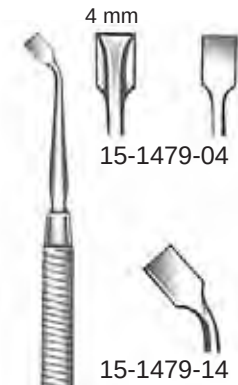
Silver
18 cm/7"
15-1538-01



Silver
18 cm/7"
15-1538-02



Silver
18 cm/7"
15-1538-03



Freer
19 cm/7 1/2"



Freer
16 cm/6 1/4" 15-1486-14
18 cm/7" 15-1488-14



Freer
16 cm/6 1/4" 15-1486-04



Freer
15 cm/6" 15-1495-06



West
16 cm/6 1/4" 15-1500-05



West
16 cm/6 1/4" 15-1504-05

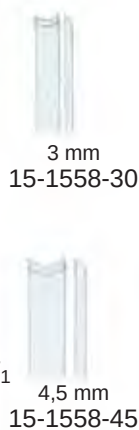
Meißel zur endonasalen Kiefer-
höhlenöffnung
Antrum Trocar Chisel
Cinzel para la apertura endonasal
del seno maxilar
Gouge pour l'ouverture
endonasale du sinus maxillaire



Faulkner
15 cm/6" 15-1515-15



Walter
19 cm/7"



3 mm 15-1558-30



4,5 mm 15-1558-45



Walter
19 cm/7 1/2"



3 mm 15-1560-30



4 mm 15-1560-40



7 mm 15-1560-70



9 mm 15-1560-90



12 mm 15-1560-12



Rubin
18,5 cm/7 1/4"



10 mm 15-1718-10



12 mm 15-1718-12



14 mm 15-1718-14



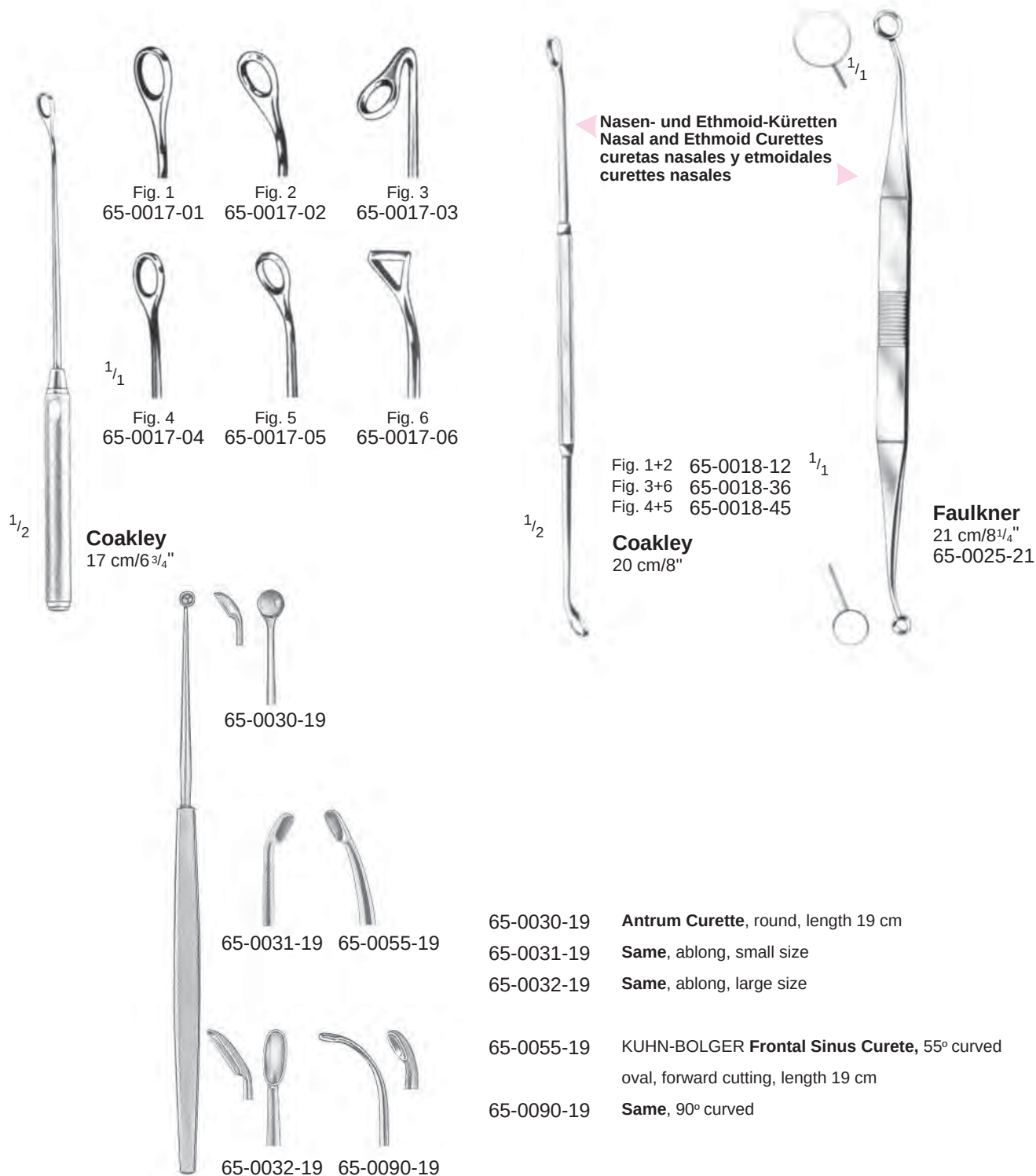
16 mm 15-1718-16



کورت آتموئید - کورت فرونتال (کورت جی)

Nasen- und Ethmoid-Küretten, die Stirnhohle Küretten
Nasal and Ethmoid curettes, frontal sinus curettes
curetas nasales y etmoidales, curetas para seno frontal
curettes nasales, curettes pour le sinus frontal

Nasen- und Ethmoid-Küretten
Nasal and Ethmoid Curettes
curetas nasales y etmoidales
curettes nasales



انواع سوهان رينو

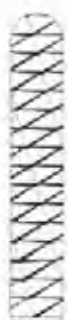
Raspeln, Typ Maltz, Miller Univer Gold T/C
Rasps, Type Maltz, Miller Univer Gold T/C
Rasps, Tipo Maltz, Miller Univer Gold T/C
Râpes, Type Maltz, Miller Univer Gold T/C



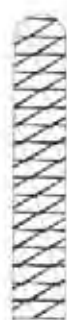
1
8001E



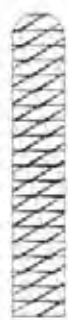
2
8002E



3
8003E



4
8004E



5
8005E



11-150E-18
18 cm/7"



$\frac{1}{1}$
6
8006E



7
8007E



8
8008E



9
8009E



10
8010E



11-151E-18
18 cm/7"



11-151E-18
18 cm/7"



11-151E-18
18 cm/7"



$\frac{1}{2}$
Maltz
18 cm/7"



$\frac{1}{2}$
Miller



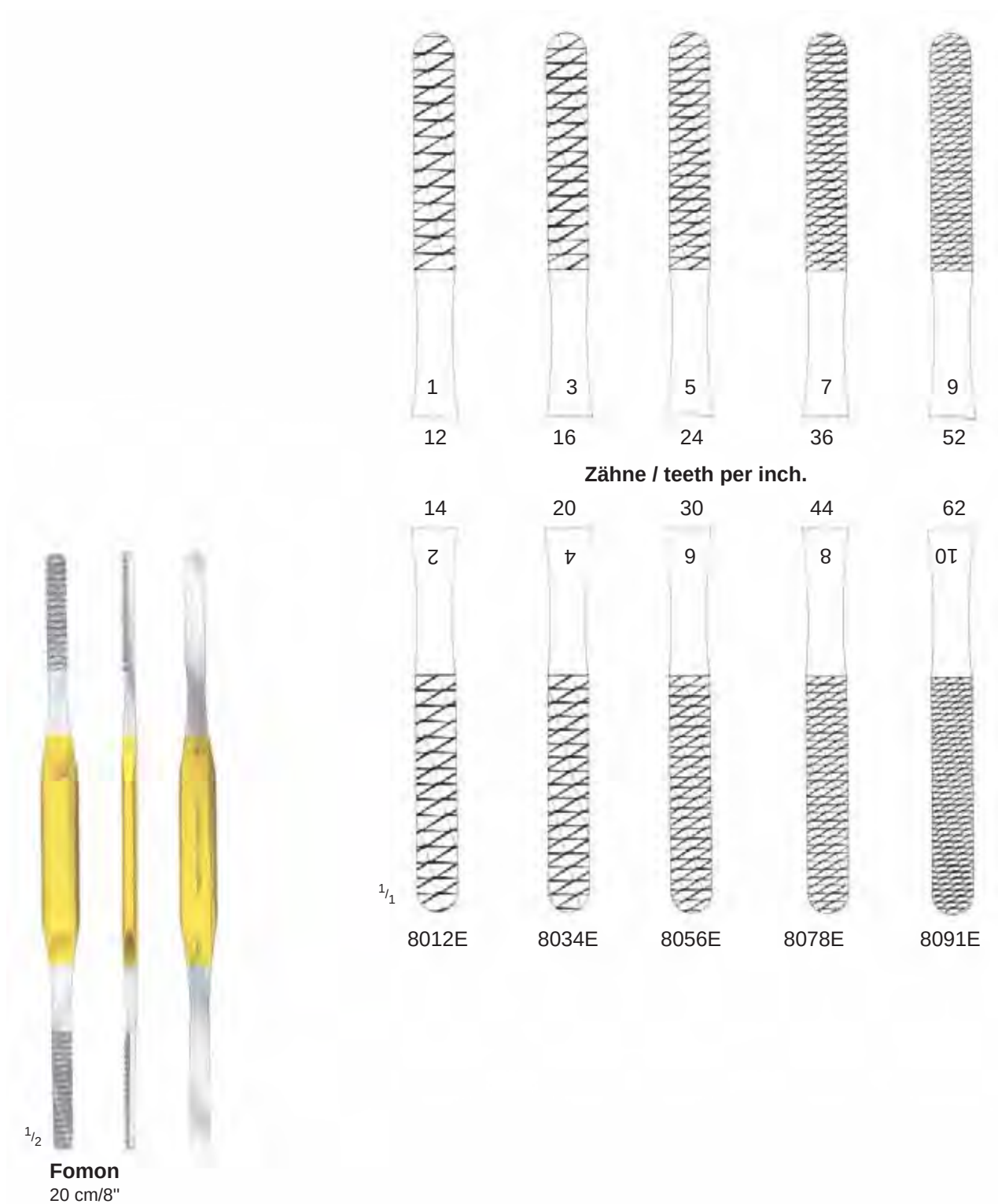
انواع سوهان دوطرفه (فومن) با تیغه تنگستن کارباید

Raspeln, Typ Fomon Univer Gold T/C

Rasps, Type Fomon Univer Gold T/C

Rasps, Tipo Fomon Univer Gold T/C

Râpes, Type Fomon Univer Gold T/C



انواع سوهان بینی

Knochenfeile, Nasenraspeln

Bone File, Nasal Rasps

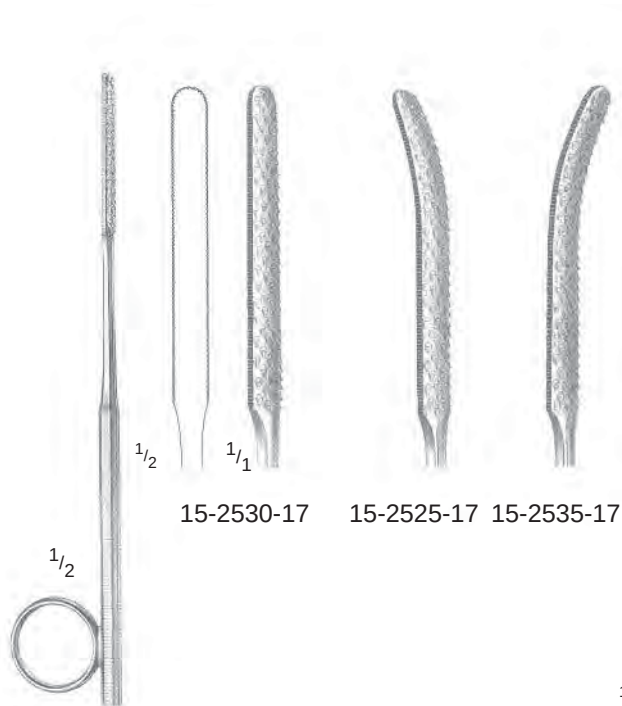
Lima para huesos, raspas nasales

Lime à os, râpes nasales

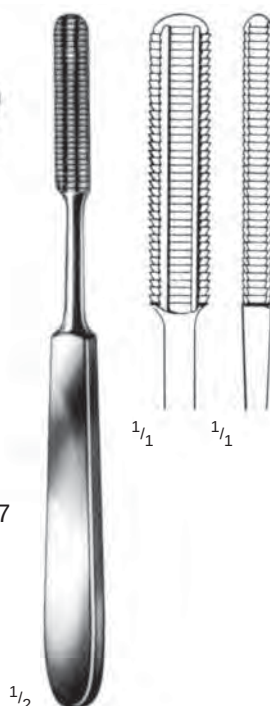


Univer®

65



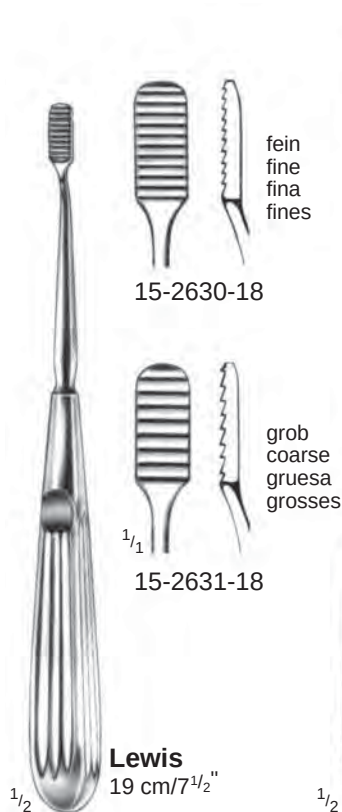
Gallaher
17 cm/6 3/4"
45 x 6mm



Maltz
18 cm/7"
15-2602-18

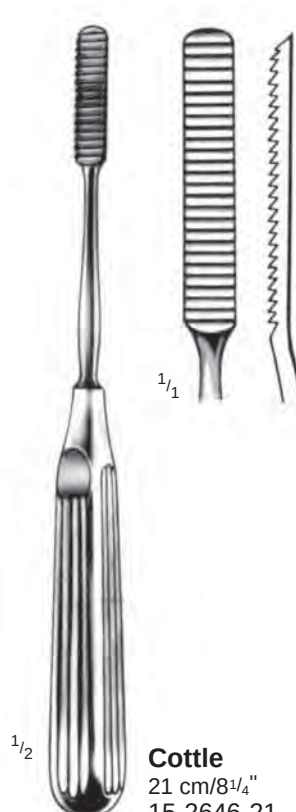


Joseph
16 cm/6 1/4"
15-2616-01

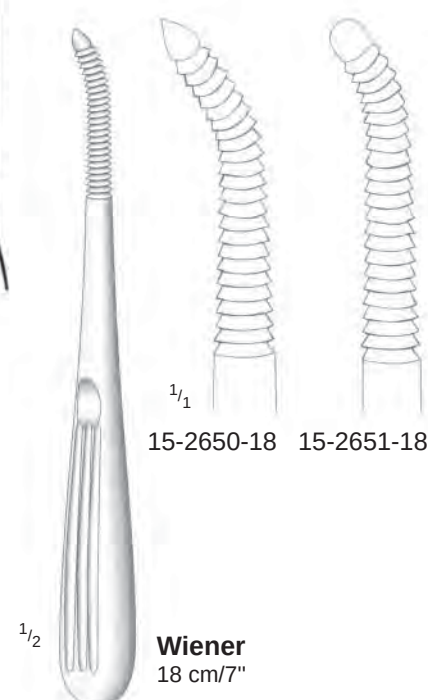


Lewis
19 cm/7 1/2"

Aufricht
21 cm/8 1/4"



Cottle
21 cm/8 1/4"
15-2646-21



Wiener
18 cm/7"



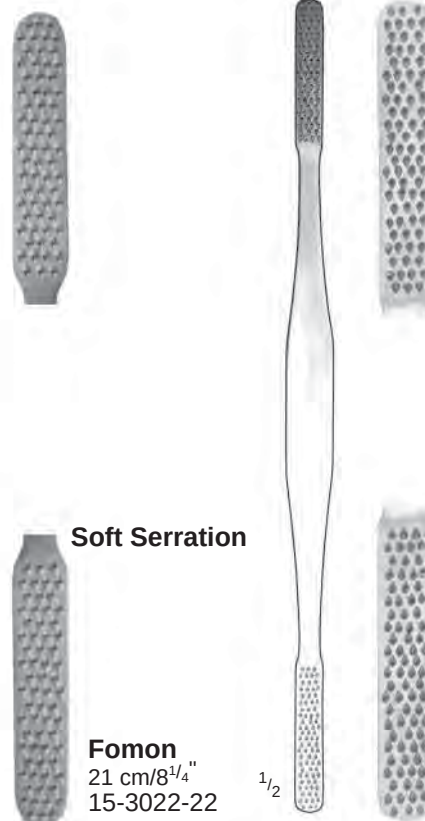
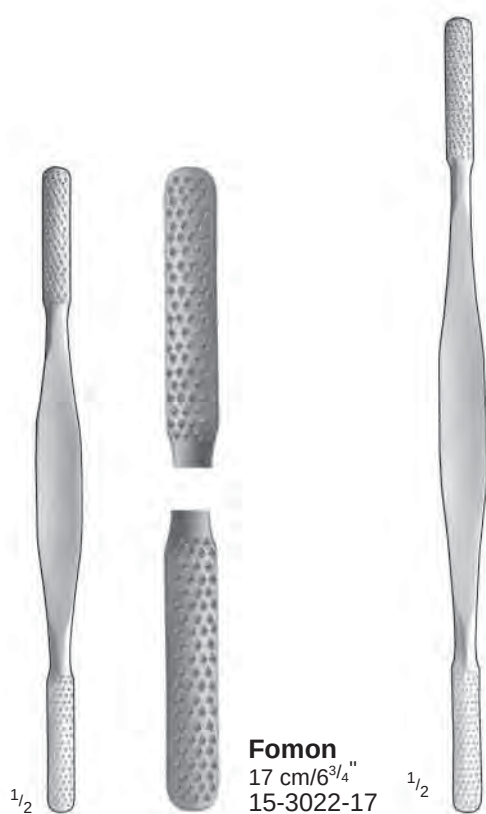
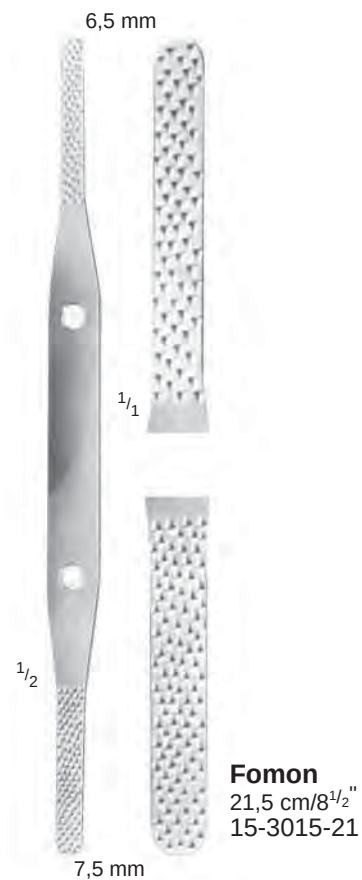
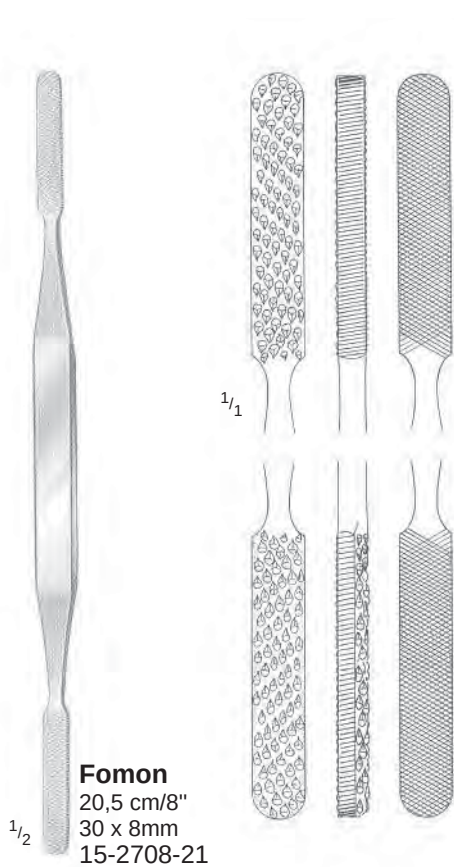
انواع سوهان سوزنی دوطرفه (فومن)

Raspeln, Typ Fomon

Rasps, Type Fomon

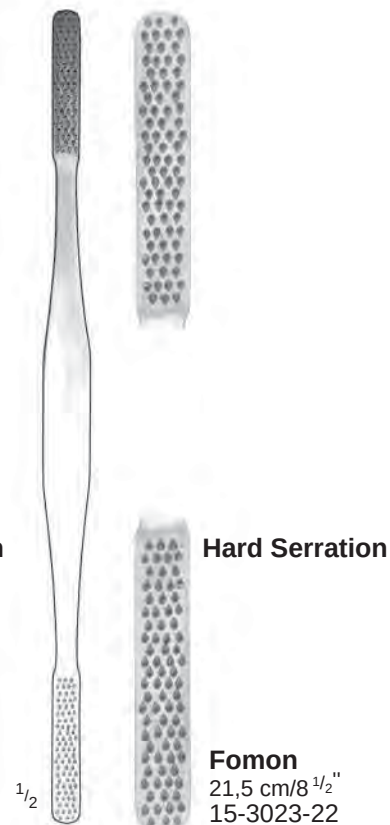
Raspa, Tipo Fomon

Râpes, Type Fomon



Soft Serration

Hard Serration



انواع سوهان دوطرفه (فومن)

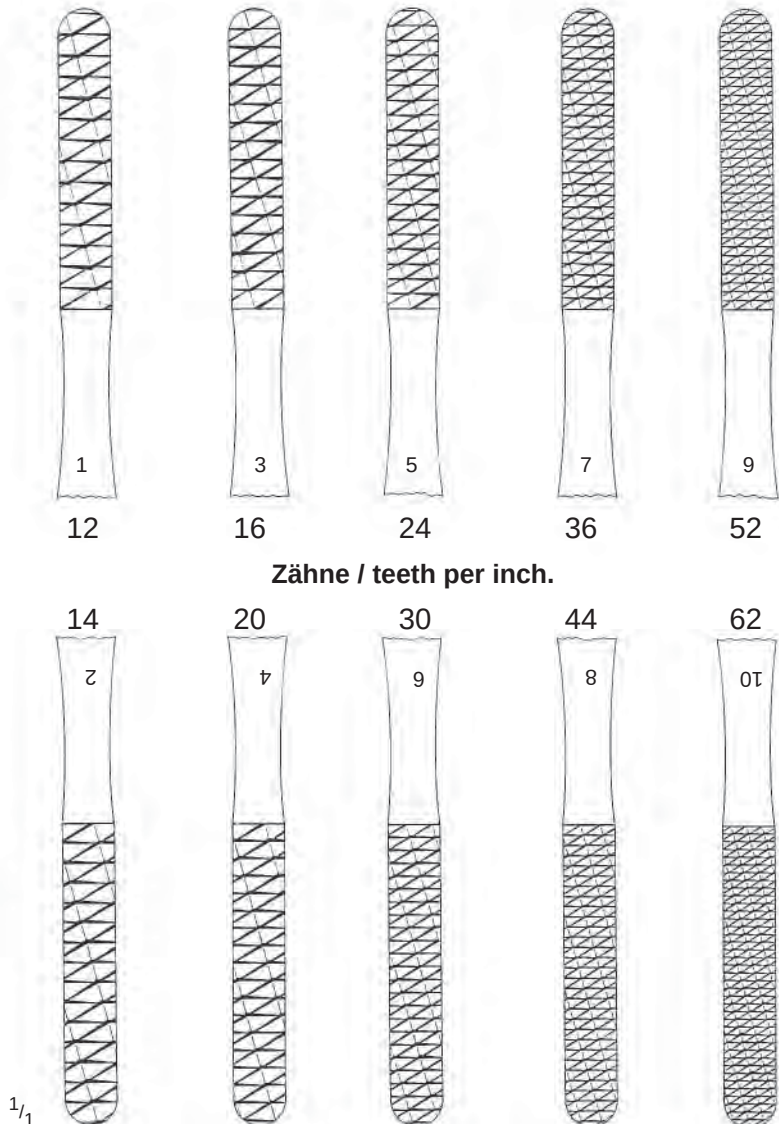
Raspeln, Typ Fomon
Rasps, Type Fomon
Raspas, Tipo Fomon
Râpes, Type Fomon



Fomon
21 cm/8 1/4"



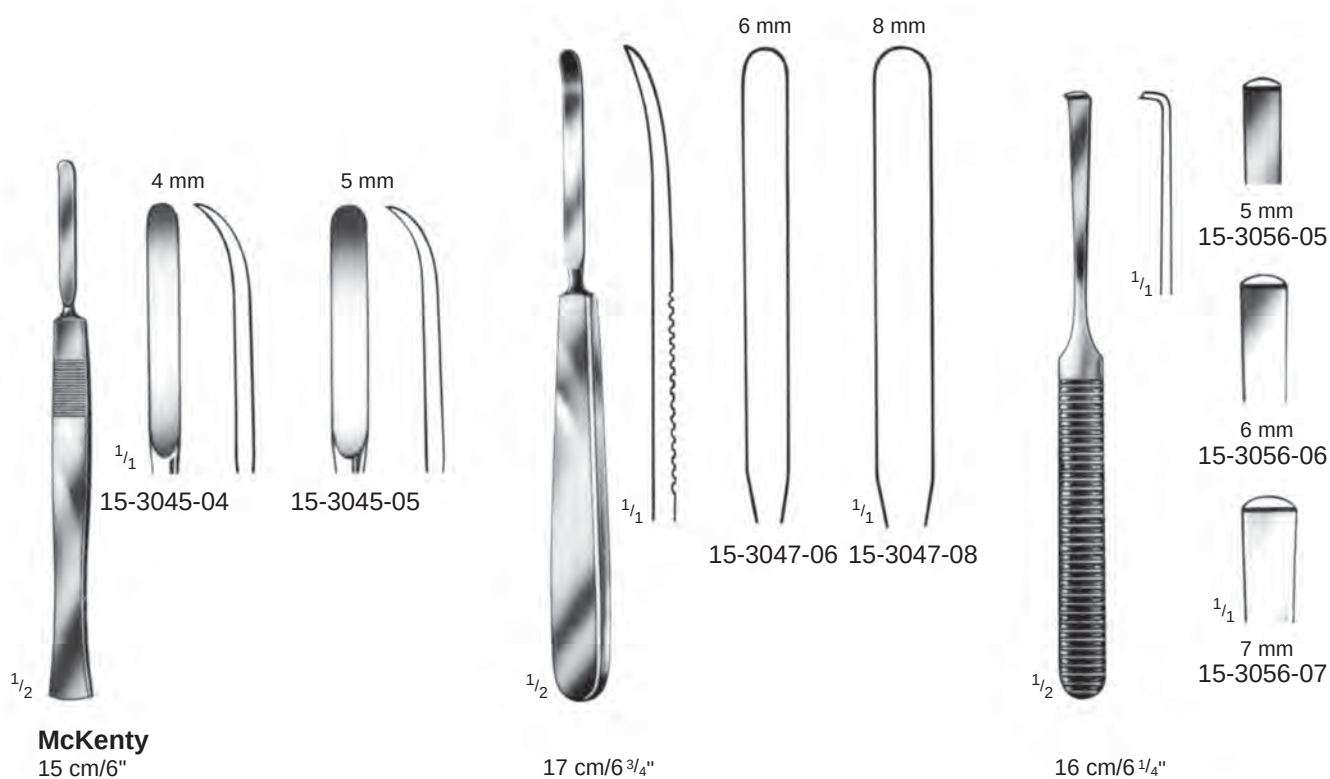
Fomon
21 cm/8 1/4"



15-3024-12	15-3024-34	15-3024-56	15-3024-78	15-3024-91
# 15-3025-12	# 15-3025-34	# 15-3025-56	# 15-3025-78	# 15-3025-91



پریوس رسپ
Raspatorien
Raspatories
Periostótomos
Rugines



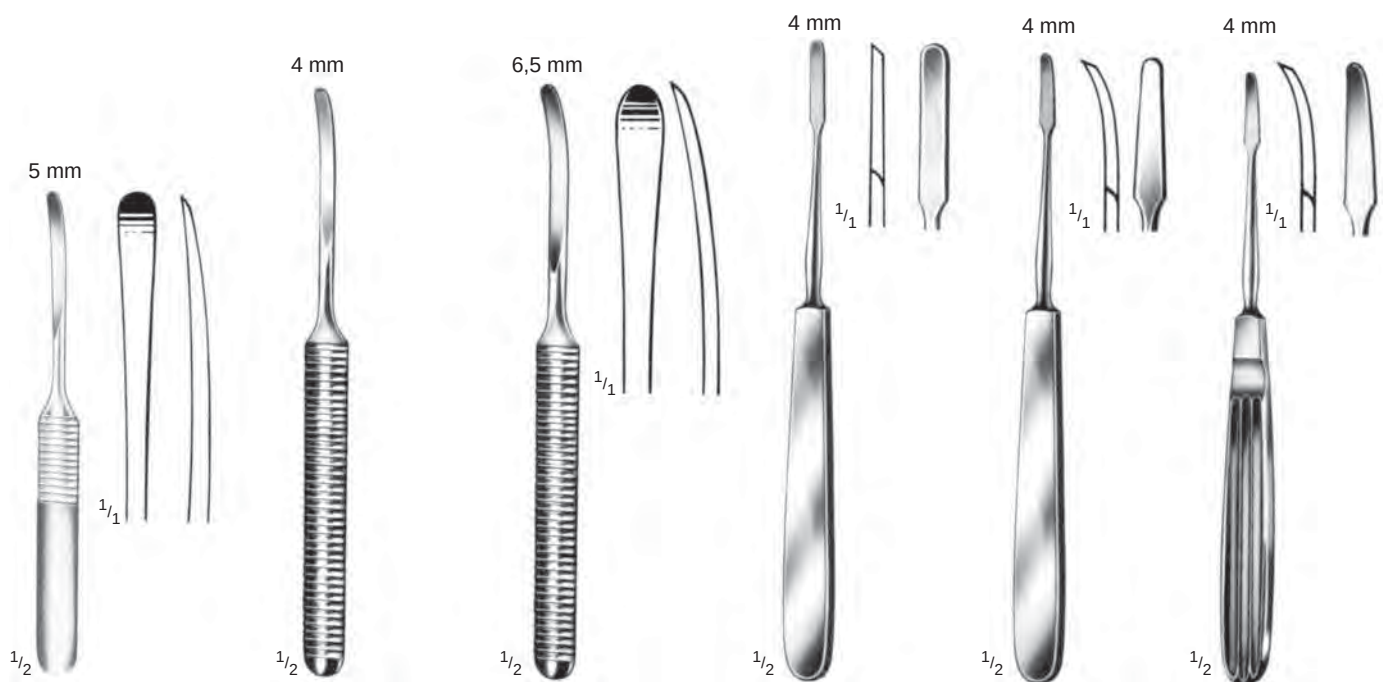
انواع پریوس الیٹور

Raspatorien, Elevatorien
Raspatories, Elevators
Periostótomos, elevadores
Rugines, décolleurs



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Williger
13 cm/5"
15-3113-05

Williger
16 cm/6 $\frac{1}{4}$ "
15-3116-40

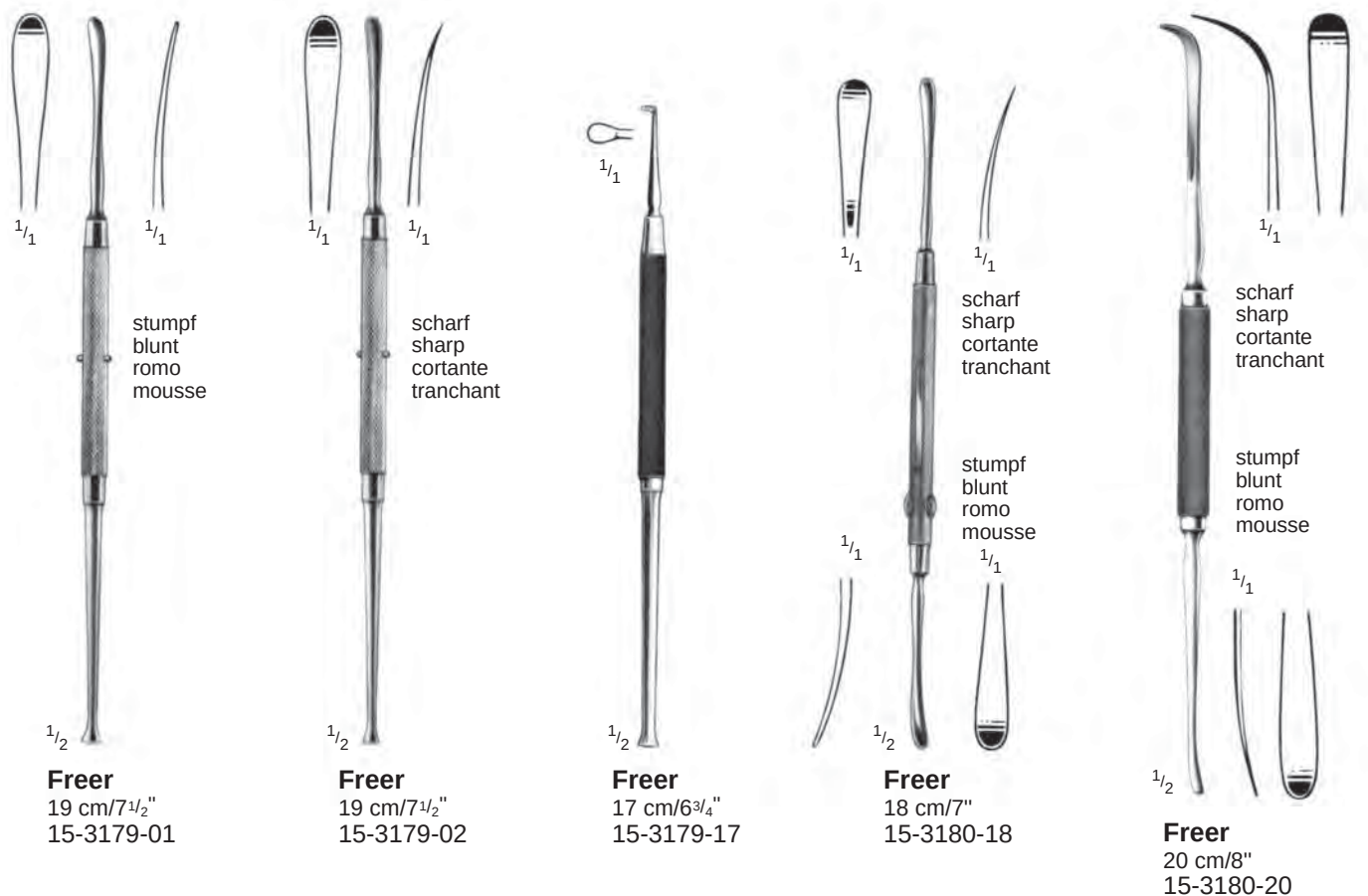
Williger
16 cm/6 $\frac{1}{4}$ "
15-3116-65

Fomon
17 cm/6 $\frac{3}{4}$ "
15-3127-04

Joseph
16 cm/6 $\frac{1}{4}$ "
15-3136-04

Joseph
16 cm/6 $\frac{1}{4}$ "
15-3137-04

Septumelevatorien · Septum Elevators · Elevadores y Espátulas para el tabique nasal · Elévateurs et Spatules pour la cloison nasale



Freer
19 cm/7 $\frac{1}{2}$ "
15-3179-01

Freer
19 cm/7 $\frac{1}{2}$ "
15-3179-02

Freer
17 cm/6 $\frac{3}{4}$ "
15-3179-17

Freer
18 cm/7"
15-3180-18

Freer
20 cm/8"
15-3180-20



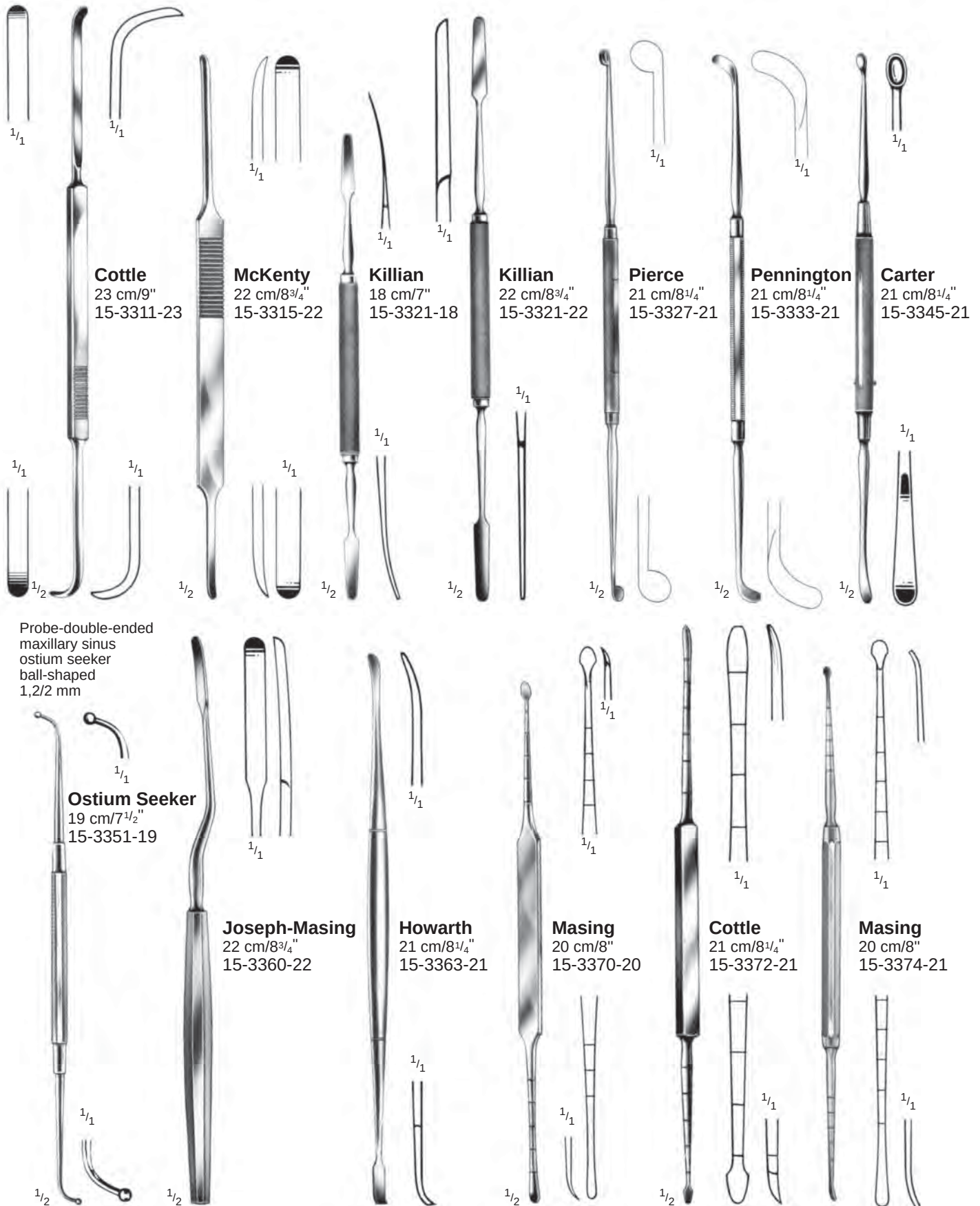
انواع پریوس الیٹورسپتوم

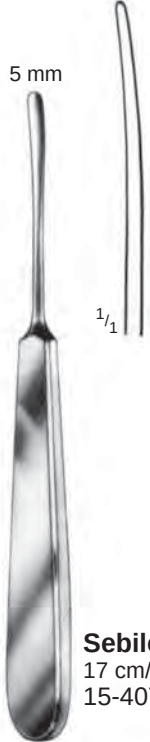
Septum elevatori und -raspatorii

Septum Elevators and Raspatories

Elevadores y legras para el tabique nasal

Élévateurs et rugines pour la cloison nasale





5 mm

$\frac{1}{1}$

$\frac{1}{2}$

Sebileau
17 cm/ $6\frac{3}{4}$ "
15-4077-05



6 mm

$\frac{1}{1}$

$\frac{1}{2}$

Quervain
20 cm/8"
15-4080-06



8 mm

$\frac{1}{1}$

$\frac{1}{2}$

Langenbeck
20 cm/8"
15-4090-08



10 mm

$\frac{1}{1}$

$\frac{1}{2}$

Langenbeck
20 cm/8"
15-4090-10



$\frac{1}{1}$

$\frac{1}{2}$

Killian
17 cm/ $6\frac{3}{4}$ "
15-4110-17



$\frac{1}{2}$

Killian
17 cm/ $6\frac{3}{4}$ "
15-4111-17



$\frac{1}{2}$

Killian
18 cm/7"
15-4122-18



$\frac{1}{1}$

$\frac{1}{2}$

Ballenger-Hajek
19 cm/ $7\frac{1}{2}$ " 15-4133-19
22 cm/ $8\frac{3}{4}$ " 15-4133-22



$\frac{1}{2}$

Cottle
19,5 cm/ $7\frac{3}{4}$ "



$\frac{1}{1}$

Raspatorium
Raspatory
Legra
Rugine
15-4155-08



$\frac{1}{1}$

Elevatorium
Elevator
Elevador
Elévateur
15-4156-38

scharf
sharp
cortante
tranchant

stumpf
blunt
romo
mousse

927



Jochbogenelevatorien Zygoma Elevators
Elevadores para zigoma Elévateurs pour l'arcade zygomatique



Dingman
21 cm/8 1/4"
15-4513-21



Gillies
24 cm/9 1/2"
15-4525-24



Gillies
24 cm/9 1/2"
15-4527-24

Septumfraktur-Elevatorium
Septum Displacer
Elevador para fracturas del tabique nasal
Elévateur pour fractures de la cloison nasale



Goldmann
20 cm/8"
15-4532-20

Nasenfraktur-Elevatorium
Nasal Fracture Elevator
Elevador para fracturas nasales
Elévateur pour fractures nasales



Boies
18 cm/7"
15-4536-18

انواع سوزن بخیه، لوله ساکشن - کانول شستشو - بوژی سینوس

Naht, Saugrohre, Spülkanülen, Stirnhöhlen-Dilatatoren

Suture, Suction Tubes, Wash Cannulas, Frontal Sinus Bougies

Sutura, tubos aspiradores, cánulas de lavado, dilatadores para el seno frontal

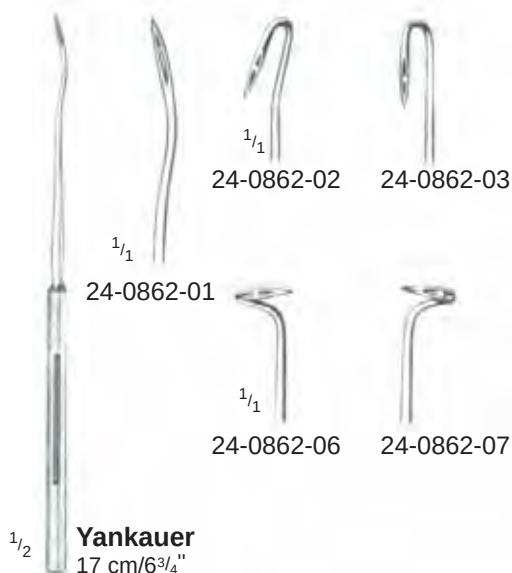
Suture, tubes d'aspiration, canules pour le lavage, dilateurs pour sinus



Univer®

65

Septumnadeln
Septum Suture Needles
Agujas para sutura del tabique nasal
Aiguilles pour la cloison nasale



für die Kieferhöhle
for Antrum
para seno maxilar
pour le sinus maxillaire

25-2655-15 = 1,5 mm Ø
25-2655-17 = 1,7 mm Ø
25-2655-20 = 2,0 mm Ø
25-2655-25 = 2,5 mm Ø
25-2655-30 = 3,0 mm Ø

25-2657-15 = 1,5 mm Ø
25-2657-17 = 1,7 mm Ø
25-2657-20 = 2,0 mm Ø
25-2657-25 = 2,5 mm Ø
25-2657-30 = 3,0 mm Ø

Schlaucholive für Siebenmann
Tubing Connector for Siebenmann
Oliva adicional para Siebenmann
Olive pour tubes de Siebenmann
25-2657-90

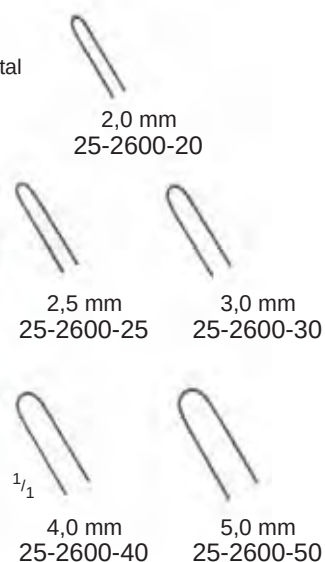
Siebenmann
15 cm/6"

Eicken-Killian
13 cm/5"
3 mm Ø
25-2663-30

Nasen-Saugrohre
Nasal Suction Tubes
Aspiradores nasales
Aspirateurs nasaux



Stirnhöhlen-Dilatatoren
Frontal Sinus Bougies
Dilatadores para el seno frontal
Dilateurs pour sinus frontal



Ritter-Halle
16 cm/6 1/4"



اسپیکلوم بینی
Nasenspekula
Nasal Specula
Espéculos nasales
Spéculums nasaux



Palmer
65-0116-07



Thudichum (Goldsmith)



65-0130-01



65-0130-02



65-0130-03



Voltolini



65-0140-01

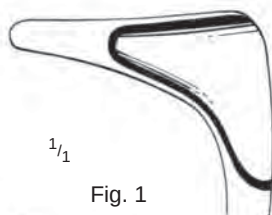


65-0140-02



65-0140-03

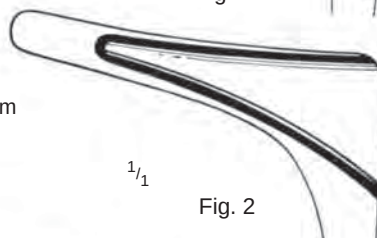
35 mm



$\frac{1}{1}$

Fig. 1

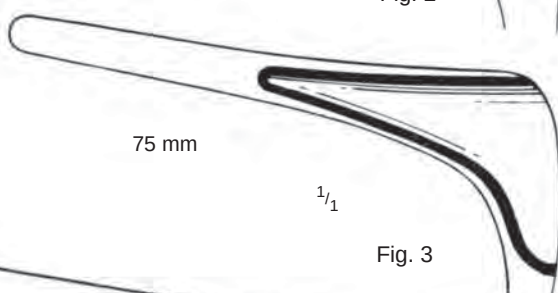
50 mm



$\frac{1}{1}$

Fig. 2

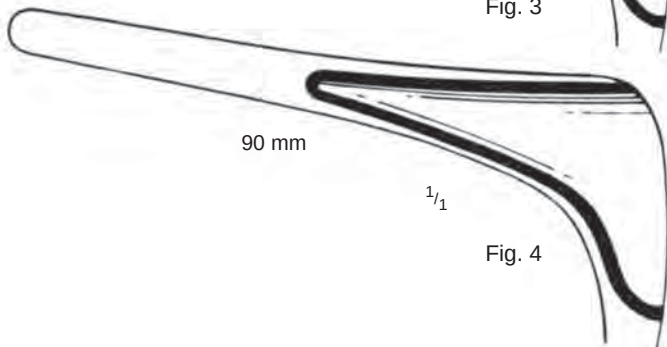
75 mm



$\frac{1}{1}$

Fig. 3

90 mm

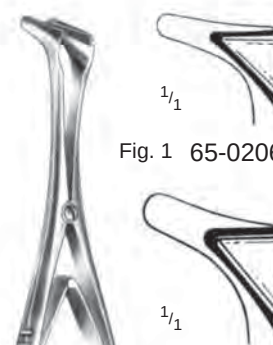


$\frac{1}{1}$

Fig. 4

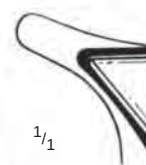


$\frac{1}{2}$



$\frac{1}{1}$

Fig. 1 65-0206-01



$\frac{1}{1}$

Fig. 2 65-0206-02

$\frac{1}{2}$

Cottle
15 cm/6"

Fig. 1 65-0204-35

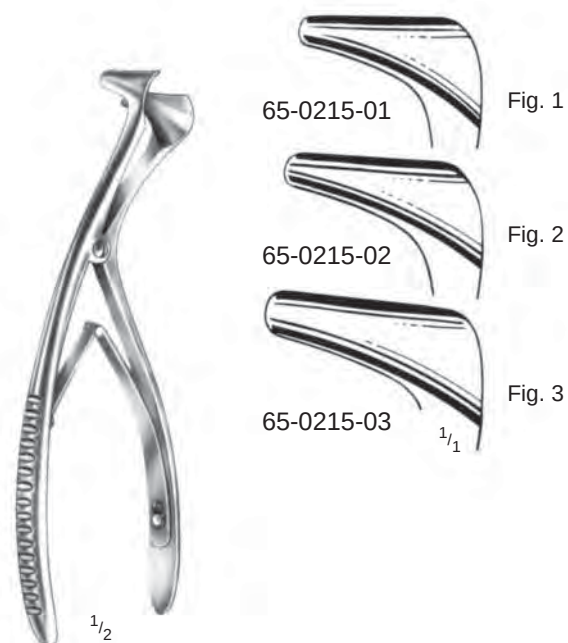
Fig. 2 65-0204-50

Fig. 3 65-0204-75

Fig. 4 65-0204-90

Beckmann
13, 5 cm/5 $\frac{1}{2}$ "

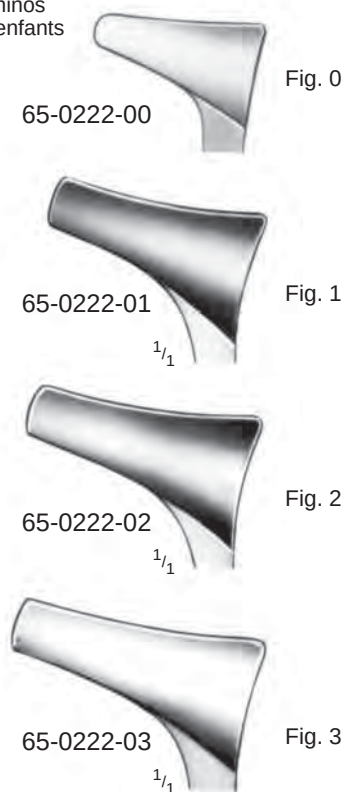
für Kinder
for children
para niños
pour enfants



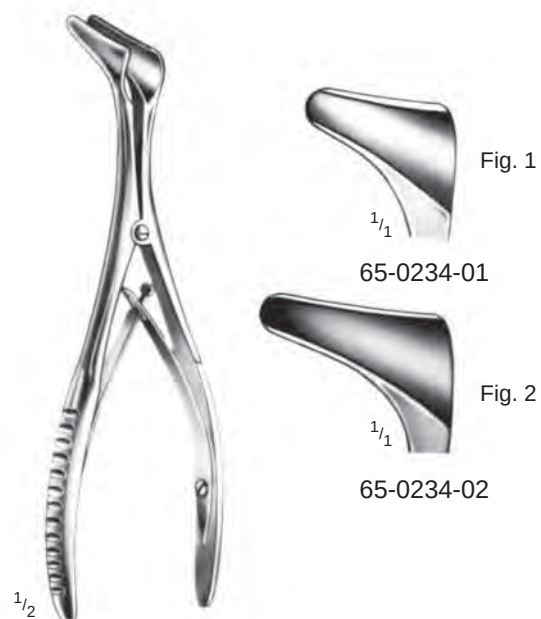
Beckmann
15 cm/6"



Hartmann
16 cm/6 $\frac{1}{4}$ "



Hartmann-Halle
15 cm/6"
65-0230-##



Sonnenschein
15 cm/6"



Cottle
 15 cm/6"

Fig. 1 65-0260-35
 Fig. 2 65-0260-50
 Fig. 3 65-0260-75
 Fig. 4 65-0260-90

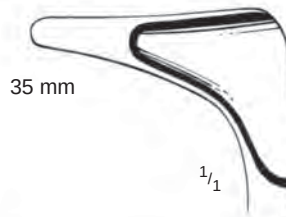


Fig. 1

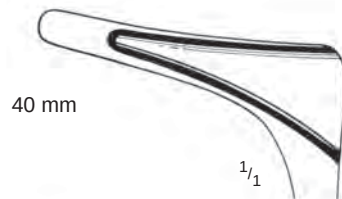


Fig. 2

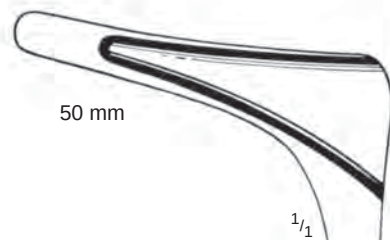


Fig. 3

Nasenseptumspekulum
 Nasal Septum Speculum
 Espéculo para el septo nasal
 Spéculum pour la cloison nasale

sehr schlankes Modell
 very slender pattern
 modelo muy delgado
 modèle très étroite
 aseptischer Verschluss
 (auseinandernehmbar)
 aseptic joint
 (dismantable)

articulación aséptica
 (desmontable)
 articulation aseptique
 (démontable)

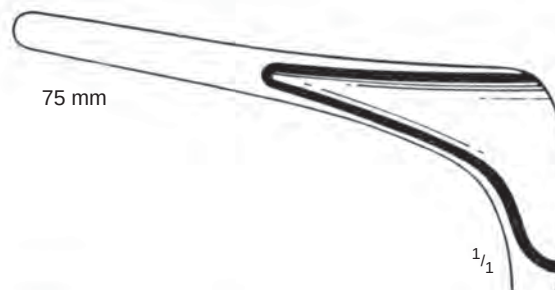


Fig. 4



Fig. 5



Cottle
 15 cm/6"

Fig. 1 65-0261-35
 Fig. 2 65-0261-50
 Fig. 3 65-0261-75
 Fig. 4 65-0261-90



Cottle
 15 cm/6"

Fig. 1 65-0264-35
 Fig. 2 65-0264-40
 Fig. 3 65-0264-50
 Fig. 4 65-0264-75
 Fig. 5 65-0264-90

Meß- und Markierungszirkel • Scleral Markers and Calipers
Compases marcadores • Compases à marquer



Castroviejo



Castroviejo

Länge Length Largo Longueur	9 cm/3 3/4"		18 cm/7"		
Meßbereich Measuring range Alcance de medición Champ de mesure	gerade straight rectas droits	45° abgewinkelt angled at 45° acodada a 45° coudée à 45°	gerade straight rectas droits	gebogen curved curvas courbes	45° abgewinkelt angled at 45° acodada a 45° coudée à 45°
15 mm	19-1409-15	-	-	-	-
20 mm	19-1409-20	19-1409-21	-	-	-
40 mm	19-1409-40	19-1409-41	19-1418-40	19-1418-41	19-1419-41

Stahl-Meßstab, rostfrei, Zentimeter- und Zolleinteilung
Rule, stainless steel, graduated in centimeters and inches
Regla de acero inoxidable, centímetros y pulgadas
Règle en acier inoxyable, graduée en cm et en pouces



Teilungslänge
Length of graduation
Largo de la graduación
Longueur de graduation
mm inch.

65-0629-10	100	4
65-0629-15	150	6
65-0629-20	200	8
65-0629-30	300	12
65-0629-50	500	20



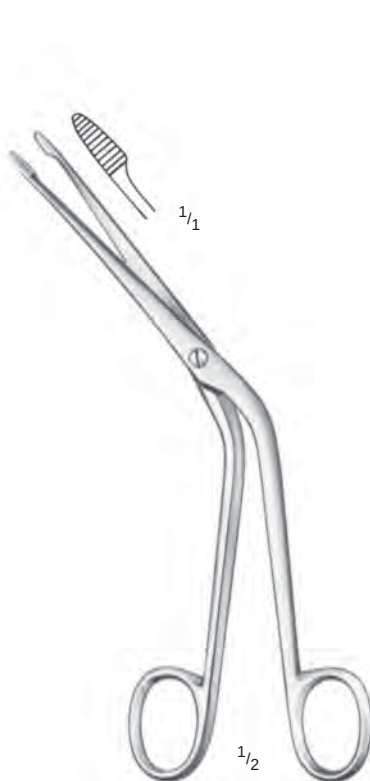
پنس تامپون - پنس پلیپ (هاتمن)

Polypen-, Tampon- und Septumzangen

Polypus, Tampon and Septum Compression Forceps

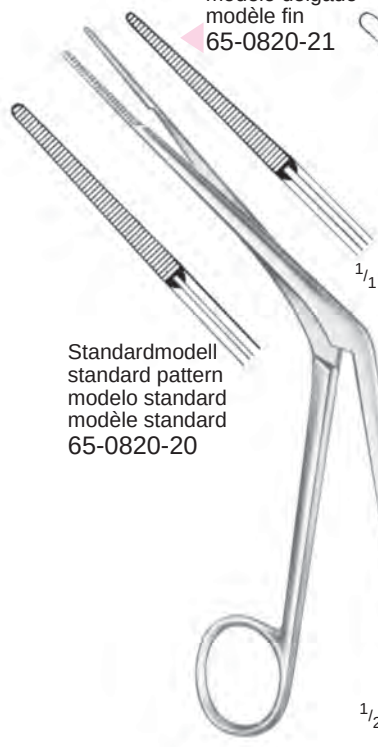
Pinzas para pólipos, taponamientos y el tabique nasal

Pinces à polypes, porte-tampons et pour la cloison nasale



Hartmann
16 cm/6 1/4"
65-0810-16

feines Modell
delicate pattern
modelo delgado
modèle fin
65-0820-21



Standardmodell
standard pattern
modelo standard
modèle standard
65-0820-20

Westmacott
20 cm/8"



Hartmann
18,5 cm/7 1/4" 65-0812-18
20 cm/8" 65-0812-20



Nasentamponadezange
Nasal Tampon Forceps
Pinza para taponamiento
pince à pansements

Lubet-Baron
18,5 cm/7 1/4"
65-0820-30



Septumzange
Septum Compression Forceps
Pinza para el tabique nasal
Pince pour la cloison nasale

Tilley
17 cm/6 3/4"
65-0821-17

Killian
17 cm/6 3/4"
65-0829-01

پنس لوک سپتوم

Scharfe Nasenzangen, Septum

Nasal Cutting, Septum Compression Forceps

Pinzas cortantes para la nariz, pinza para el tabique nasal

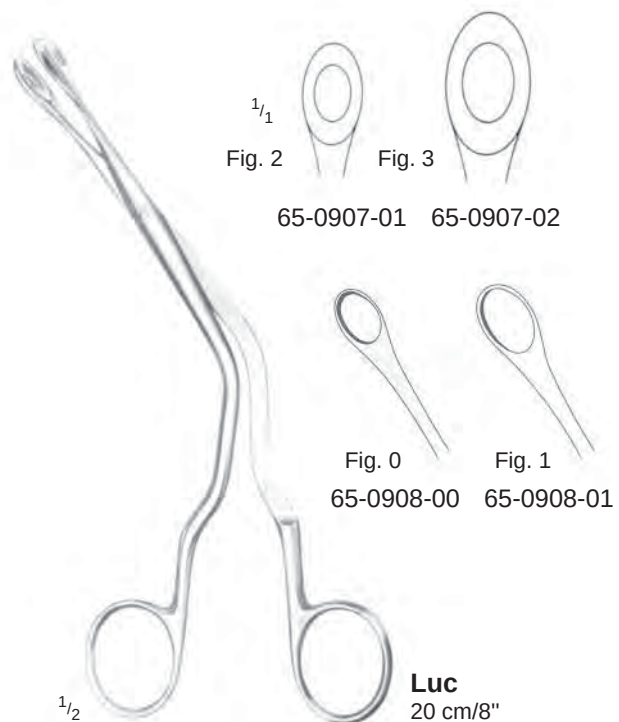
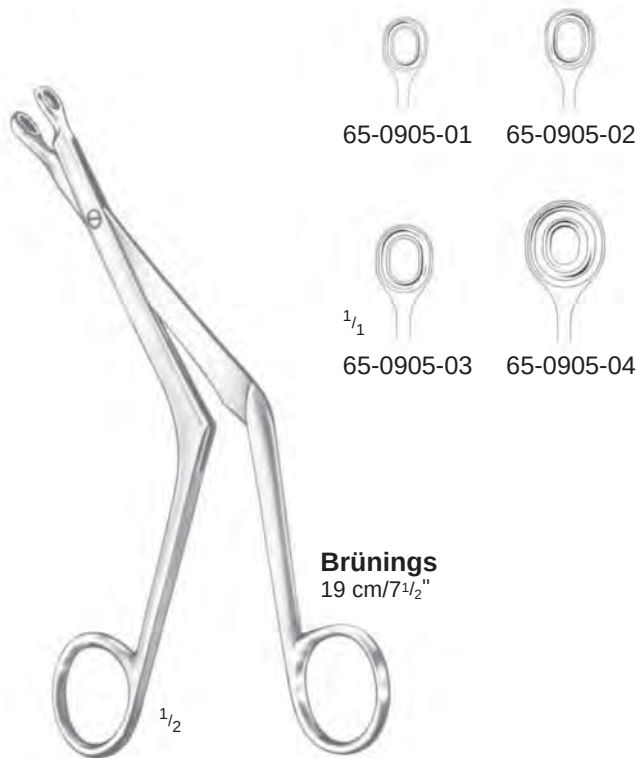
Pinces coupantes pour le nez, la cloison nasale



Univer®

65

Septumzangen
Septum Compression Forceps
Pinzas para el tabique nasal
Pinces pour la cloison nasale





پنس اتموئید

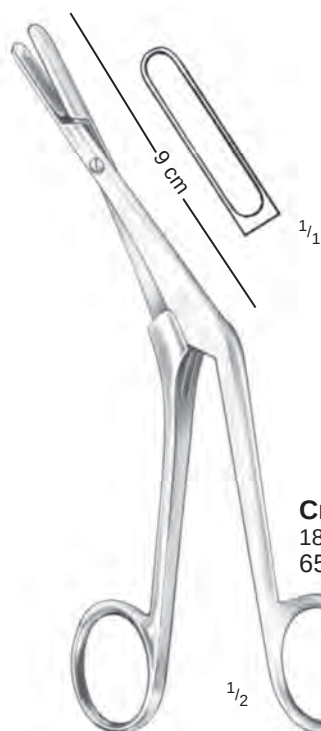
Scharfe Nasenzangen, Siebbeinzangen

Nasal Cutting, Ethmoid Forceps

Pinzas cortantes para la nariz, pinza para etmoides

Pinces coupantes pour le nez, la ethmoïdales

Vomer-Zangen
Vomer Forceps
Pinzas cortantes para el vómer
Pinces coupantes pour le vomer



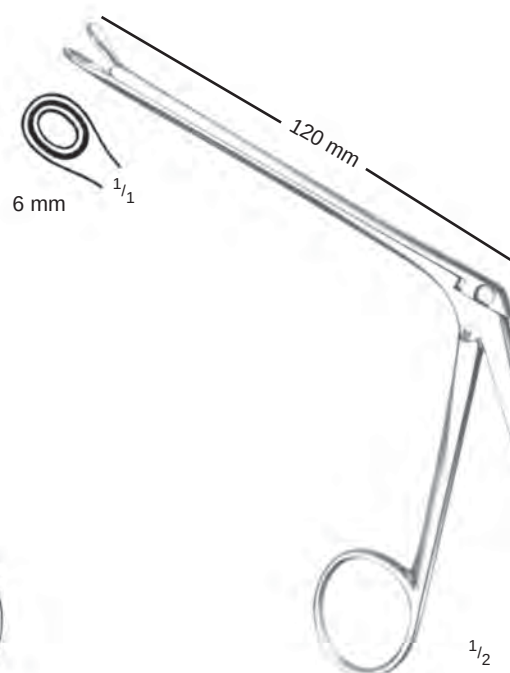
Craig
18 cm/7"
65-0930-18

Siebbeinzange
Ethmoid Forceps
Pinza para etmoides
Pince ethmoïdale



Craig-Domnick
18 cm/7"

HEYMANN-KNIGHT
18 cm/7"
65-0948-11



Watson-Williams
19 cm/7 1/2"
65-0958-06

انواع پانچ بینی (بلک اسلی)

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

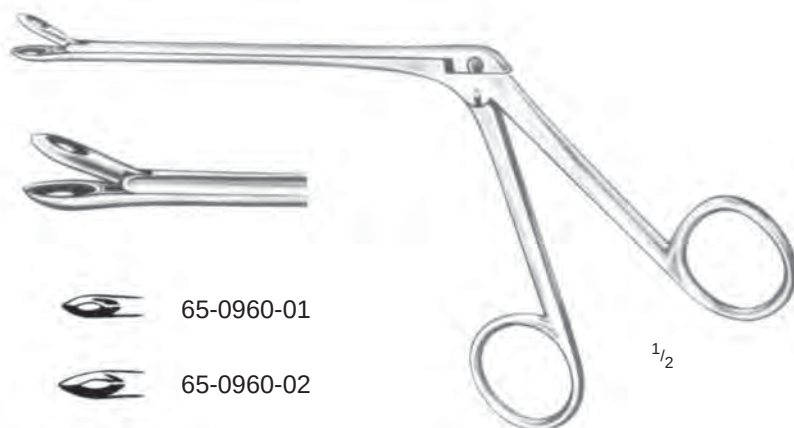
Pinces coupantes pour le nez



Univer®

65

12,5 cm



65-0960-01

65-0960-02

65-0960-03

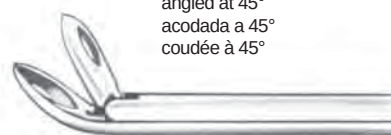
65-0960-04

65-0960-05

1/1

Weil-Blakesley

45° abgewinkelt
angled at 45°
acodada a 45°
coudée à 45°



65-0961-01

65-0961-02

65-0961-03

65-0961-04

65-0961-05

1/1

Weil-Blakesley



65-0962-01

BLAKESLEY-WILDE Nasal Forceps,
90°, upturned, size 1, working length 11 cm



65-0962-02

Same, size 2



65-0962-03

Same, size 3



65-0962-90

BLAKESLEY-WILDE Nasal Forceps,
90°, upturned, slender, long jaws 3,5 x 14 mm,
working length 11 cm



65-0962-60

BLAKESLEY-WIGAND Nasal Forceps,
60°, upturned, long jaws 6 x 20 mm,
rounded tips, for grasping polyps and
adenoid rests, working length 11 cm



65-0964-01

BLAKESLEY-WILDE RHINOFORCE
Nasal Forceps, 45°, upturned, handle
in right horizontal position, size 1,
working length 13 cm



انواع پانچ بینی (بلک اسلی)

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

Pinces coupantes pour le nez



65-0990-45

BLAKESLEY-WILDE Nasal Forceps,
45° upturned, long jaws 3,5 x 13 mm,
size 1, working length 11 cm



65-0991-01

BLAKESLEY-WILDE Nasal Forceps,
90° upturned, size 1, working length 11 cm



65-0991-02

Same,size 2



65-0991-03

Same,size 3



65-0999-12

BLAKESLEY-WILDE Nasal Forceps,
90° upturned, slender, long jaws 3,5 x 14 mm,
working length 11 cm



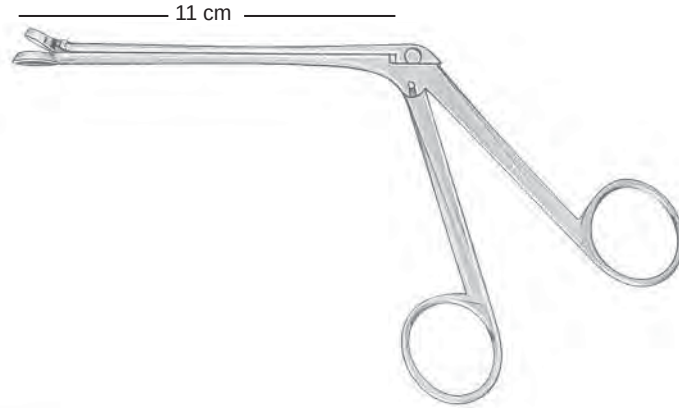
65-0999-14

BLAKESLEY-WILDE Nasal Forceps,
60° upturned, long jaws 6 x 20 mm,
rounded tips, for grasping polyps and
adenoid rests, working length 11 cm



Univer®

65



5 mm



65-1050-05

HARTMANN Nasal Cutting Forceps,
round, size 1, working length 11 cm

7 mm



65-1050-07

Same, size 2

9 mm



65-1050-09

Same, size 3

11 mm



65-1050-11

Same, size 4



65-1051-01

GRÜNWALD-HENKE Nasal Cutting Forceps,
size 1, working length 11 cm



65-1051-02

Same, size 2



65-1052-12

FRY Nasal Cutting Forceps, 60° upturned
working length 11,5 cm



65-1053-01

WATSON-WILLIAMS Nasal Cutting Forceps
45° upturned, extra delicate, with basket
working length 13 cm, size 1



65-1053-02

Same, without basket, size 2



5 mm



65-1054-05

SCHMEDEN Nasal Cutting Forceps,
size 1, working length 11 cm

7 mm



65-1054-07

Same, size 2

9 mm



65-1054-09

Same, size 3



انواع پانچ بینی

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

Pinces coupantes pour le nez



65-1060-11

TAKAHASHI Nasal Forceps, straight,
working length 9,5 cm



65-1061-12

TAKAHASHI Nasal Forceps, straight,
diameter 3 mm, working length 15 cm



65-1062-13

WATSON-WILLIAMS Nasal Forceps,
45° upturned, delicate, oval cupped jaws,
working length 12,5 cm



65-1064-11

WATSON-WILLIAMS Nasal Forceps, straight,
with serrated jaws, working length 11 cm



65-1065-11

RUDERT Nasal Forceps, 45° upturned,
with serrated jaws, working length 11 cm



65-1066-11

FERRIS-SMITH Nasal Forceps, serrated,
working length 11 cm

انواع پانچ بینی

Scharfe Nasenzangen

Nasal Cutting Forceps

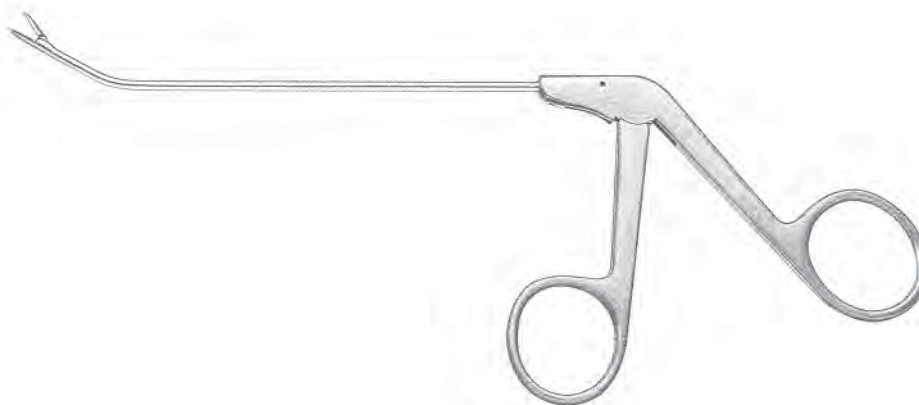
Pinzas cortantes para la nariz

Pinces coupantes pour le nez



Univer®

65



65-1068-13

BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps, end of sheath 45° upturned, with straight jaws, width 2,5 mm, working length 13 cm

65-1070-13

BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps, end of sheath 45° upturned, with straight jaws, width 3 mm, working length 13 cm



65-1072-13

BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps, end of sheath 25° upturned, jaws 45° upturned, width 2,5 mm, working length 13 cm

65-1074-13

BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps, end of sheath 25° upturned, jaws 45° upturned, width 3 mm, working length 13 cm



انواع پانچ بینی

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

Pinces coupantes pour le nez



65-1076-03

BLAKESLEY RHINOFORCE Nasal Forceps, straight, through-cutting, tissue-sparing, size 0, width 3 mm, working length 13 cm

65-1076-35

Same, size 1, width 3,5 mm

65-1076-04

Same, size 2, width 4 mm



65-1078-13

BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps, through-cutting, end of sheath 45° upturned, with straight jaws, width 3 mm, working length 13 cm



65-1080-03

BLAKESLEY RHINOFORCE Nasal Forceps, through-cutting, tissue-sparing, 45° upturned, width 3 mm, working length 13 cm

65-1080-35

Same, size 1, width 3,5 mm

65-1080-04

Same, size 2, width 4 mm



65-1082-13

BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps, through-cutting, end of sheath 25° upturned, jaws 45° upturned, working length 13 cm

انواع پانچ بینی (پانچ تروکاتینگ سینوس)

Scharfe Nasenzangen, durchschneidend

Nasal Cutting Forceps, through-cutting

Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pinces coupantes pour le nez, coupantes des deux côtés



65



65-1216-00

Nasal Cutting Forceps, straight, through-cutting, slender model, with flat jaws, bite 3 x 4 mm, working length 12.5 cm



65-1216-01

Same, 45° upturned



65-1217-12

GRÜNWARD-HENKE Nasal Cutting Forceps, straight, through-cutting, delicate, bite 1.25 x 5 mm, working length 12.5 cm



65-1217-10

Same, strong model, small, bite 2.5 x 6.5 mm, working length 10.5 cm



65-1218-10

Same, strong model, large, bite 3 x 7.5 mm,



65-1319-21

GRÜNWARD-HENKE Nasal Cutting Forceps, 45° upturned, through-cutting, delicate, bite 1.5 x 4 mm, working length 12.5 cm



65-1319-22

Same, strong model, small, bite 2.5 x 6.5 mm, working length 10.5 cm



65-1319-23

Same, strong model, medium, size, bite 2.75 x 6 mm, working length 10.5 cm



65-1319-24

Same, strong model, large, bite 3 x 8 mm



انواع پانچ بینی (پانچ تروکاتینگ سینوس)

Scharfe Nasenzangen, durchschneidend

Nasal Cutting, Forceps, through-cutting

Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pincers coupantes pour le nez, coupontes des deux côtés



65-1421-00

GRÜNWARD-HENKE Nasal Forceps, straight, through-cutting, tissue-sparing, BLAKESLEY shape, width 2,5 mm, working length 11 cm



65-1421-01

Same, width 3,5 mm



65-1421-02

Same, width 4,2 mm



65-1421-03

Same, width 4,8 mm



65-1423-01

GRÜNWARD-HENKE Nasal Forceps, curved to right, through-cutting, tissue-sparing, BLAKESLEY shape, width 3,5 mm, working length 11 cm



65-1423-02

Same, curved to left



65-1425-00

GRÜNWARD-HENKE Nasal Forceps, 45° upturned, through-cutting, tissue-sparing, BLAKESLEY shape, width 2,5 mm, working length 11 cm



65-1425-01

Same, width 3,5 mm



65-1425-02

Same, width 4,2 mm



65-1425-03

Same, width 4,8 mm



65-1427-11

GRÜNWARD-HENKE Nasal Forceps, 90° upturned, through-cutting, tissue-sparing, BLAKESLEY shape, width 3,5 mm, working length 11 cm

انواع پانچ بینی

Scharfe Nasenzangen, durchschneidend

Nasal Cutting Forceps, through-cutting

Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pinces coupantes pour le nez, coupantes des deux côtés



Univer®

65



65-1576-13

MACKAY-GRÜNWALD RHINOFORCE II Nasal Forceps, straight, through-cutting, delicate, tissue-sparing, 8 x 3 mm, size 1, working length 13 cm



65-1578-13

Same, 11,5 x 3,5 mm, size 2



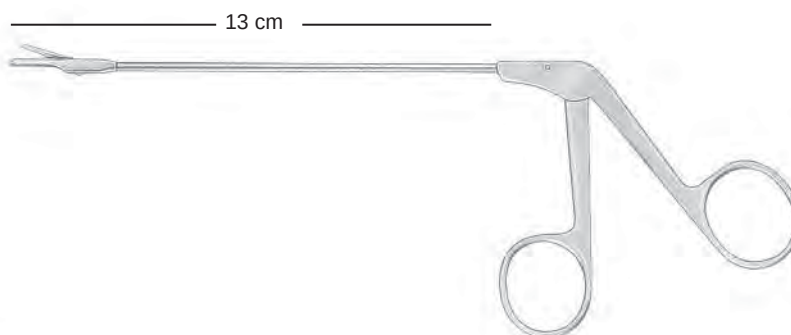
65-1580-13

MACKAY-GRÜNWALD RHINOFORCE II Nasal Forceps, 40° upturned, through-cutting, delicate, tissue-sparing, 8 x 3 mm, size 1, working length 13 cm



65-1582-13

Same, 11,5 x 3,5 mm, size 2



65-1684-13

STRUYCKEN RHINOFORCE II Nasal Cutting Forceps
working length 13 cm



انواع پانچ بینی

Scharfe Nasenzangen, durchschneidend

Nasal Cutting Forceps, through-cutting

Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pinces coupantes pour le nez, coupantes des deux côtés



65-1750-12

Nasal Cutting Forceps, through-cutting, slender model, with flat jaws, 90°, upturned, bite 3 x 4 mm, working length 13 cm



65-1753-12

GRÜNWALD-HENKE Nasal Cutting Forceps, 45°, upturned, through-cutting, delicate, bite 1,5 x 4 mm, working length 12,5 cm



65-1754-12

GRÜNWALD-HENKE Nasal Cutting Forceps, through-cutting, strong model, small, 45° upturned, bite 2,5 x 6,5 mm, working length 10,5 cm



65-1755-12

GRÜNWALD-HENKE Nasal Cutting Forceps, through-cutting, strong model, medium, 45° upturned, bite 2,75 x 6 mm, working length 10,5 cm



65-1756-12

GRÜNWALD-HENKE Nasal Cutting Forceps, through-cutting, strong model, large, 45° upturned, bite 3 x 8 mm, working length 10,5 cm



65-1760-12

GRÜNWALD-HENKE Nasal Cutting Forceps, through-cutting, fine, shaft end curved slightly upturned, bite 1,5 x 4,5 mm, length 12,5 cm



65-1761-12

GRÜNWALD-HENKE Nasal Cutting Forceps, through-cutting, strong model, shaft and curved slightly upturned, length 12,5 cm



65-1764-12

OSTRUM Punch, backward cutting, curved slightly upturned, length 12,5 cm

انواع پانچ بینی

Scharfe Nasenzangen, durchschneidend

Nasal Cutting Forceps, through-cutting

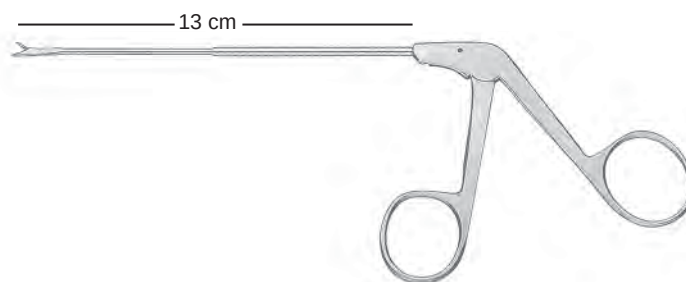
Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pinces coupantes pour le nez, coupantes des deux côtés



Univer®

65



65-1766-00

RHINOFORCE Miniature Nasal Forceps, with extra fine flat jaws, through-cutting, tissue-sparing, straight sheath, straight jaws, width of cut 1,5 mm, working length 13 cm



65-1766-45

Same, jaws 45° upturned



65-1766-30

Same, sheath curved 30° straight jaws



65-1766-55

Same, sheath curved 30°, jaws 45° upturned



65-1770-13

CASTELNUOVO RHINOFORCE Miniature Nasal Forceps, with extra fine flat jaws, through-cutting, tissue-sparing, 65° upturned, backward opening, width of cut 1,5 mm, working length 13 mm



65-1772-13

Same, opens to left



65-1774-13

Same, opens to right



پانچ بینی (بک بایتر)

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

pinces coupantes pour le nez

Antrumstanze, rückwärts schneidend

Antrum Punch, retrograde cutting

Pinza saca-bocado para seno maxilar, retrógrado

Pince emporte-pièce, retrograde



65-1801-04

STAMMBERGER RHINOFORCE
Antrum Punch, small pediatric
 size, slender, upside backward
 cutting, working length 10 cm



65-1801-44

Same, right side backward
 cutting



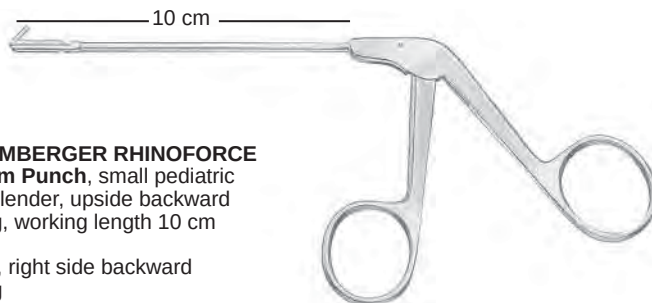
65-1801-54

Same, left side backward cutting



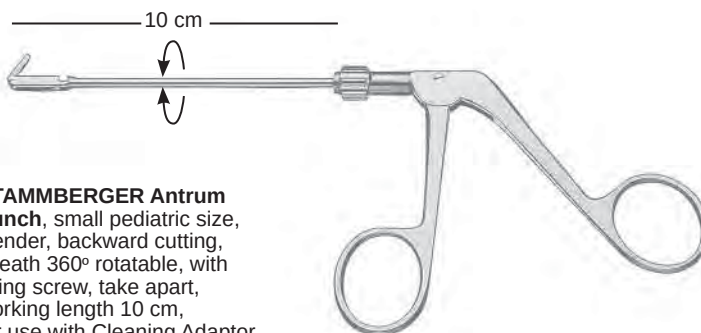
65-1801-64

Same, downside backward cutting



65-1812-10

STAMMBERGER Antrum
Punch, small pediatric size,
 slender, backward cutting,
 sheath 360° rotatable, with
 fixing screw, take apart,
 working length 10 cm,
 for use with Cleaning Adaptor



65-1813-10

Cleaning Adaptor



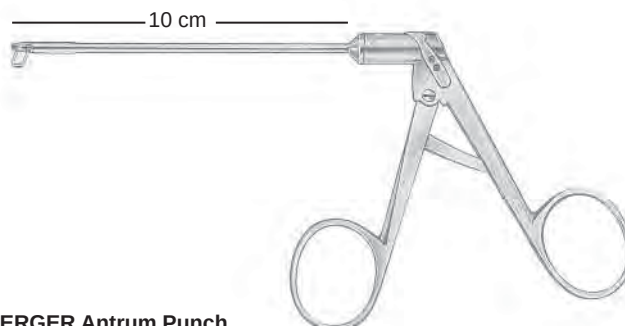
65-1915-10

STAMMBERGER Antrum Punch,
 right side downward and forward
 cutting, working length 10 cm

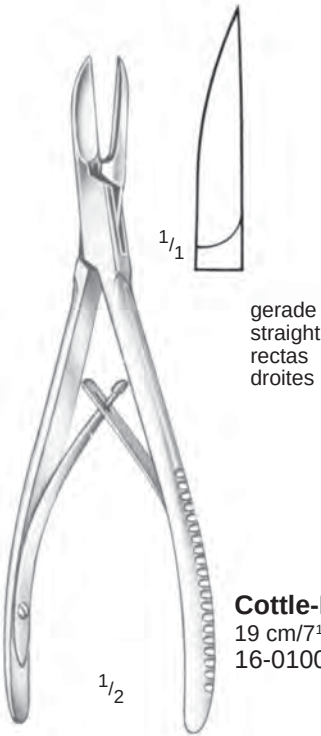


65-1915-20

Same, left side downward
 and forward cutting



پنس سپتوم (والشام - آش)
 Septumrichtzangen
 Septum Straightening Forceps
 Pinzas para hueso nasal
 Pincers pour redresser la cloison nasale



gerade
straight
rectas
droites

Cottle-Kazanjan
 19 cm/7½"
 16-0100-19



Universal
 Universal
 Universal
 Universel

Cottle-Walsham
 65-2008-00



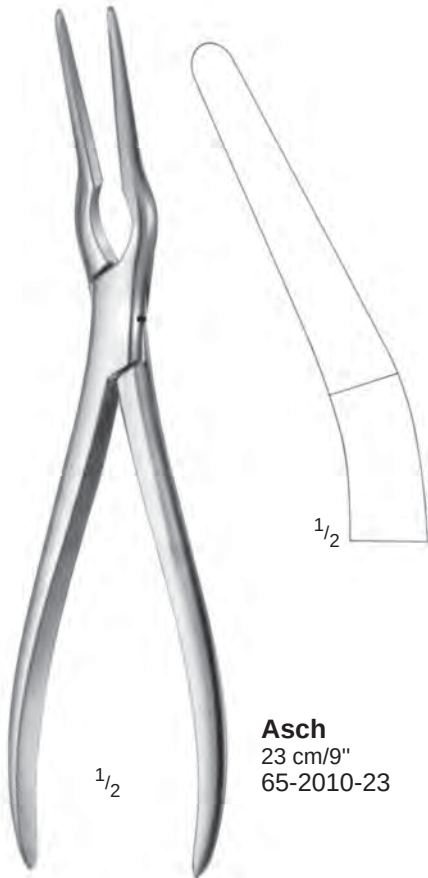
links
left
izquierdo
à gauche

Walsham
 65-2008-01



rechts
right
derecha
à droite

Walsham
 65-2008-02



Asch
 23 cm/9"
 65-2010-23



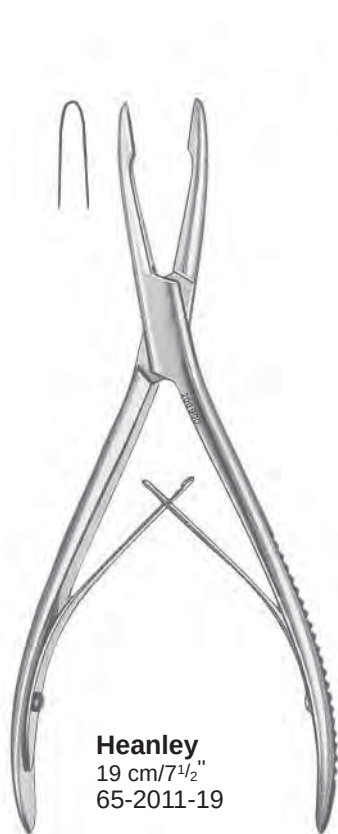
پنس سپتوم

Septumrichtzangen

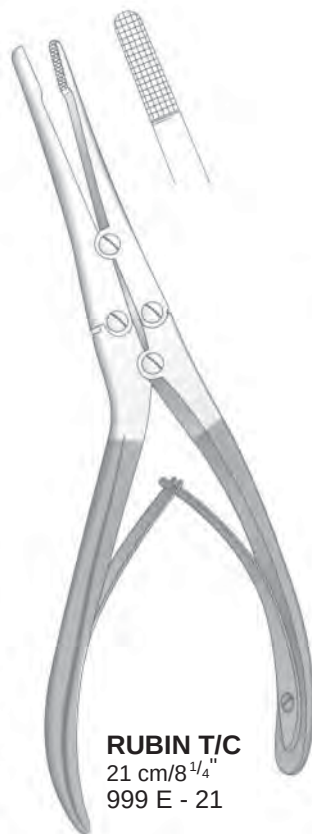
Septum Straightening Forceps

Pinzas para hueso nasal

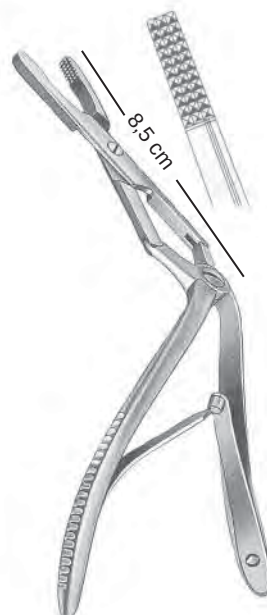
Pincers pour redresser la cloison nasale



Heanley
19 cm/7½"
65-2011-19



RUBIN T/C
21 cm/8¼"
999 E - 21



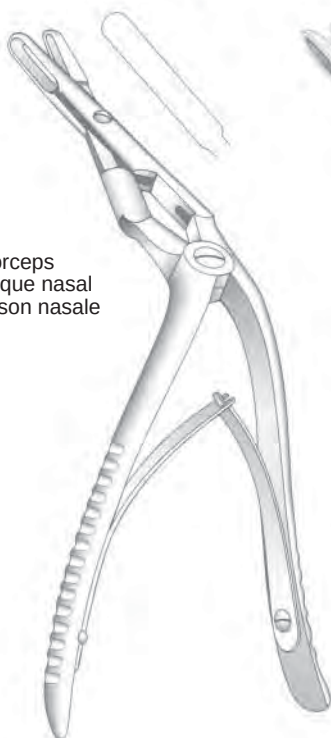
RUBIN Septum Morcelizer
21 cm/8¼"
65-2012-21



ROWLAND-MEYER
20 cm/8"
65-2013-20

aufeinanderschneidend
spoon-shaped jaws
bocas cortantes la una sobre la otra
mors cuillère

Septumzangen
Septum Cutting Forceps
Pinzas para el tabique nasal
Pincers pour la cloison nasale

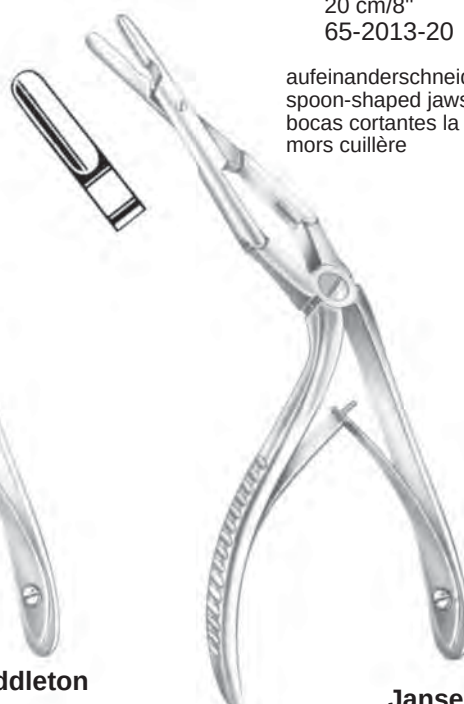


Jansen-Middleton
19 cm/7½"
65-2015-19



Jansen-Middleton
19 cm/7½"
65-2017-19

durchschneidend
through-cutting
bocas cortantes la una en la otra
coupantes des deux côtés



1/2

Jansen-Middleton
19 cm/7½"
65-2019-19

اره جوزف - كورت آدنويدي

Ringmesser, Nasensägen

Adenoid Currettes, Nasal Saws

Cuchillos para vegetaciones adenoides, sierras nasales

Couteaux à végétations adénoïdes, scies nasales



Univer®

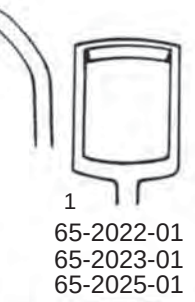
65



Beckmann-Barnhill
22 cm/8 3/4"



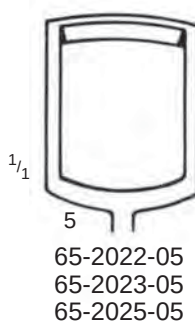
65-2023-#



1
65-2022-01
65-2023-01
65-2025-01



3
65-2022-03
65-2023-03
65-2025-03



1/1
5
65-2022-05
65-2023-05
65-2025-05



2
65-2022-02
65-2023-02
65-2025-02



4
65-2022-04
65-2023-04
65-2025-04



6
65-2022-06
65-2023-06
65-2025-06



65-2025- #



St. Clair-Tompson
21 cm/8 1/4"



65-2031-01



65-2031-02



65-2031-03



1/1
65-2031-04

Ringmesser
Adenoid Currettes
Cuchillos para vegetaciones adenoides
Couteaux à végétations adénoïdes

Nasensägen
Nasal Saws
Sierras nasales
Scies nasales



Joseph
19 cm/7 1/2"
65-2200-19



1/1



Joseph
19 cm/7 1/2"
65-2219-01



1/2

Joseph
19 cm/7 1/2"
65-2219-02



1/1



Joseph
17 cm/6 3/4"
65-2227-01



1/2

Joseph
17 cm/6 3/4"
65-2227-02



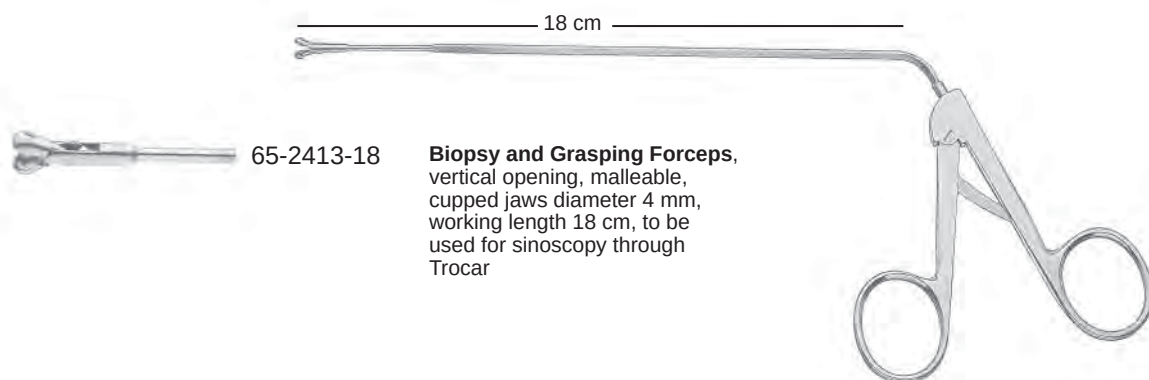
پنس گراسپینگ

Faßpinzetten

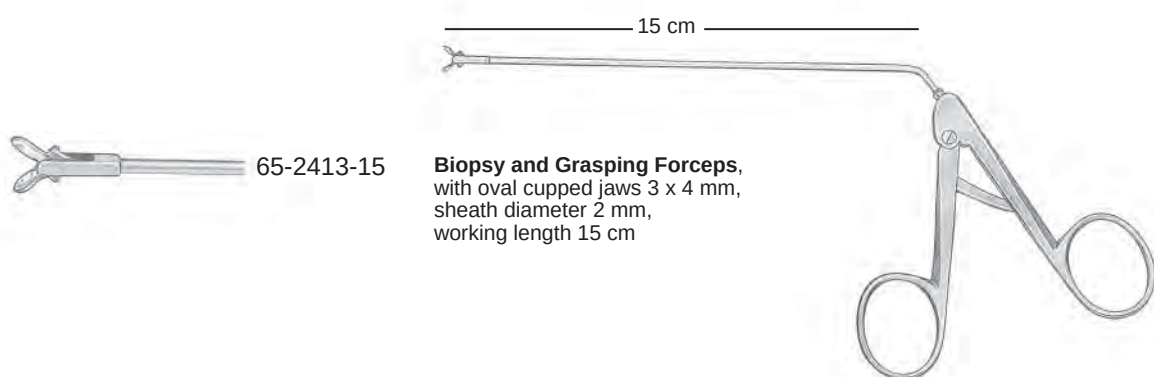
Grasping Forceps

Pinzas para coger

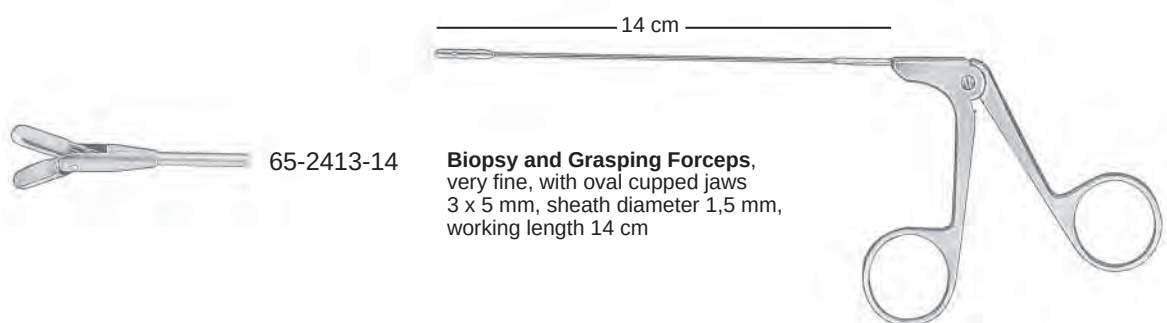
Pincers pour préhension



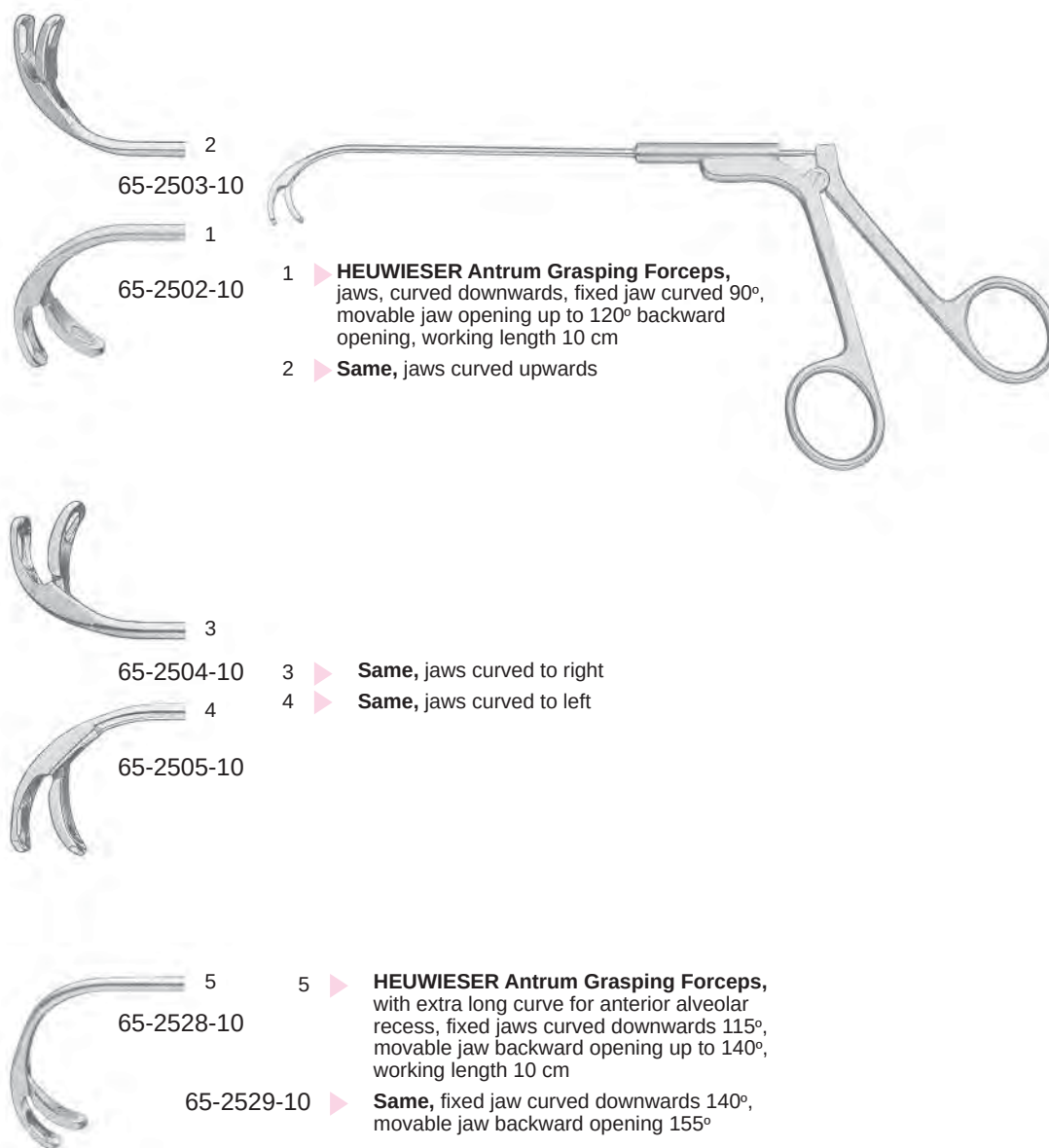
Biopsy and Grasping Forceps,
vertical opening, malleable,
cupped jaws diameter 4 mm,
working length 18 cm, to be
used for sinoscopy through
Trocar



Biopsy and Grasping Forceps,
with oval cupped jaws 3 x 4 mm,
sheath diameter 2 mm,
working length 15 cm



Biopsy and Grasping Forceps,
very fine, with oval cupped jaws
3 x 5 mm, sheath diameter 1,5 mm,
working length 14 cm





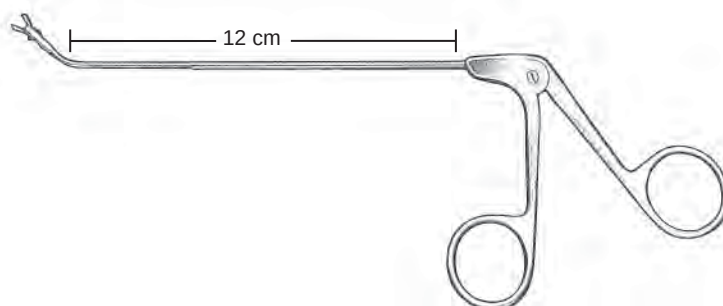
پنس سینوس (جیرافت)

Nasenzangen Stirnhöhle

Nasal Sinus forceps

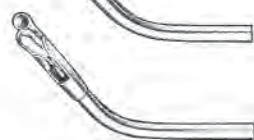
Pinzas seno para la nariz

Pinces sinus pour le nez



65-2630-12

KUHN-BOLGER **Giraffe Forceps**, cupped jaws, 55° upturned, vertical opening, working length 12 cm, cupped jaws diameter 3 mm



65-2630-22

Same, horizontal opening



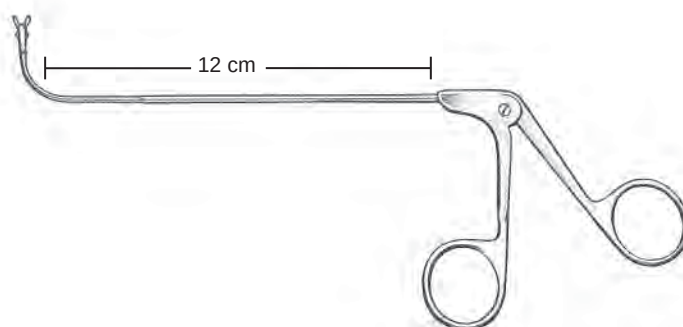
65-2632-12

KUHN-BOLGER **Giraffe Forceps**, cupped jaws, 55° upturned, vertical opening, working length 12 cm, cupped jaws diameter 2 mm



65-2632-22

Same, horizontal opening



65-2636-90

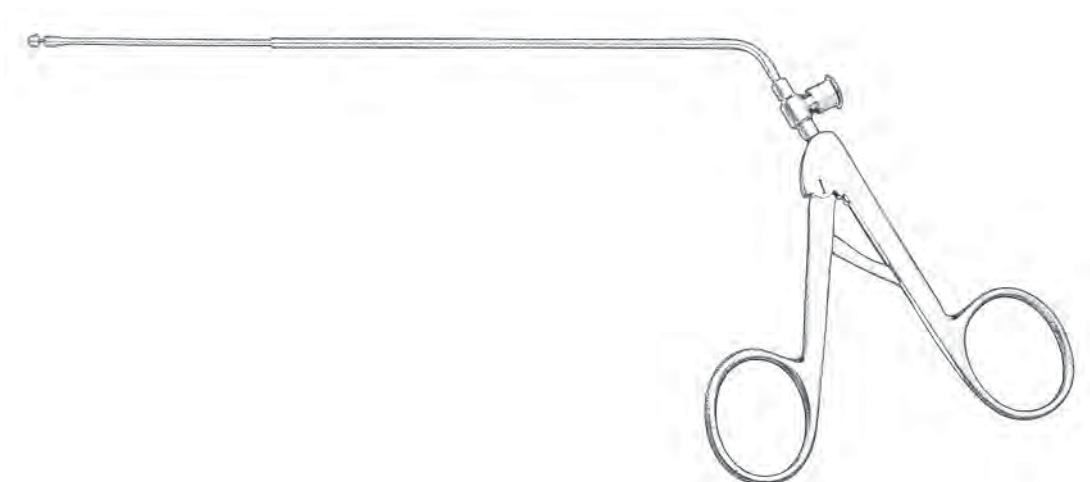
KUHN-BOLGER **Giraffe Forceps**, cupped jaws, 90° upturned, horizontal opening, working length 12 cm, cupped jaws diameter 2 mm



65-2636-91

Same, vertical opening

STAMMBERGER Punch, circular cutting



65-2718-35

STAMMBERGER **Punch**, circular cutting,
 for sphenoid, ethmoid and choanal atresia,
 diameter 3,5 mm, working length 18 cm



65-2718-45

Same, diameter 4,5 mm



65-2765-35

STAMMBERGER **Punch**, circular cutting,
 65° upturned, for frontal sinus recess,
 diameter 3,5 mm, working length 17 cm

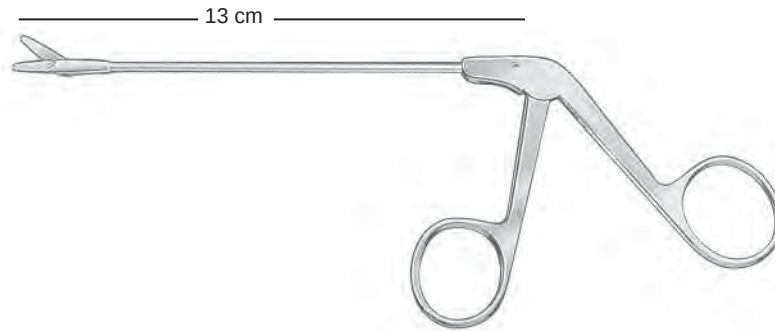


65-2765-45

Same, diameter 4,5 mm



انواع قیچی بینی
Nasenscheren
Nasal Scissors
Tijeras nasales
Ciseaux nasaux



65-2865-01

Nasal Scissors,
 straight, working length 13 cm



65-2865-02

Same, curved to right



65-2865-03

Same, curved to left



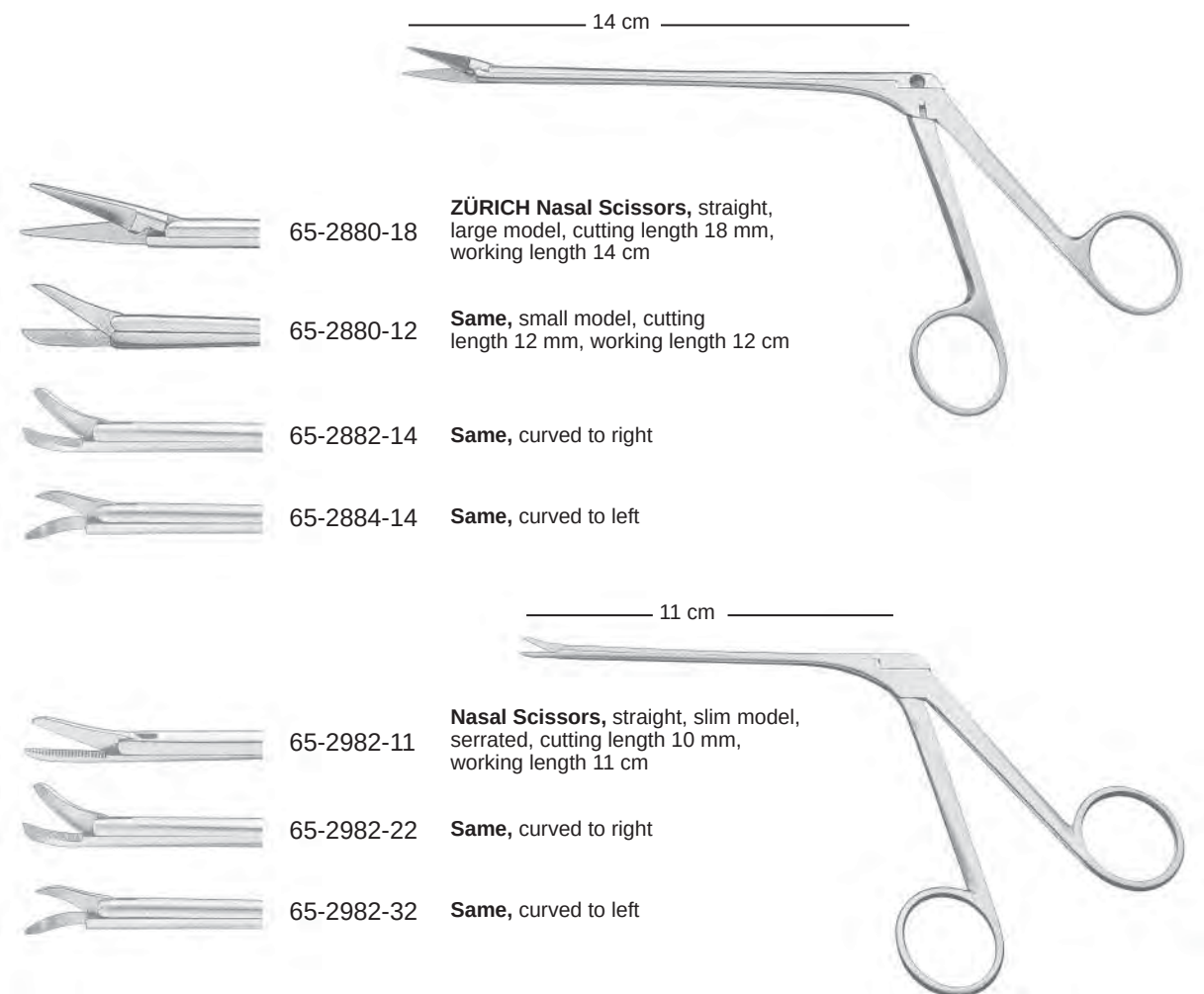
65-2865-04

Nasal Scissors, cutting
 blades curved upwards, to cut the anterior
 part of the middle turbinate in case of
 narrow nose and to prevent postoperative
 synechia, working length 13 cm



65-2865-05

Same, curved downwards





پانچ بینی

Scharfe Nasenzangen

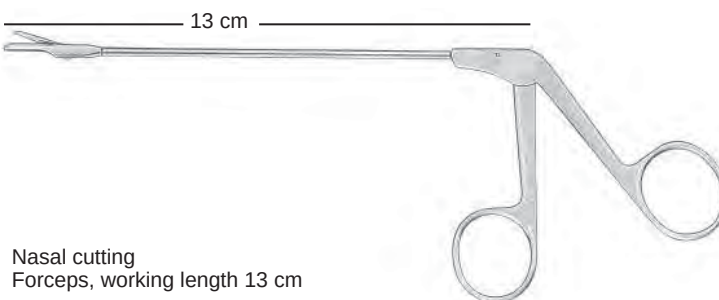
Nasal Cutting Forceps

Pinzas cortantes para la nariz

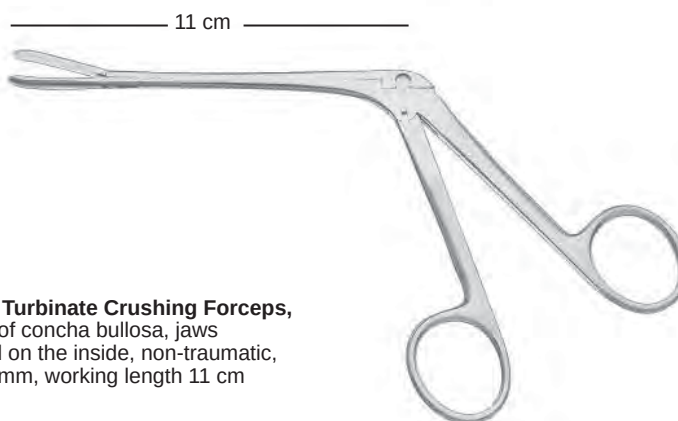
pincers coupantes pour le nez



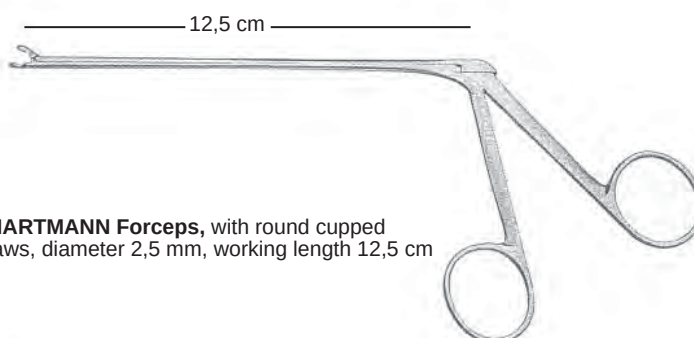
65-3016-13

Nasal cutting
Forceps, working length 13 cm

65-3220-11

JONES Turbinate Crushing Forceps,
in case of concha bullosa, jaws
serrated on the inside, non-traumatic,
width 6 mm, working length 11 cm

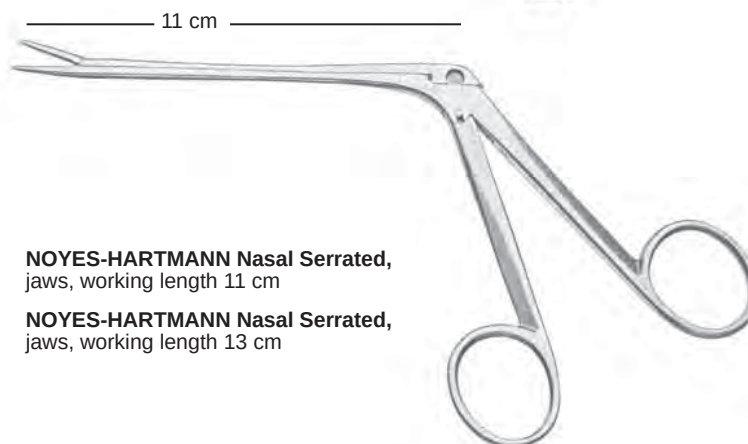
65-4350-13

HARTMANN Forceps, with round cupped
jaws, diameter 2,5 mm, working length 12,5 cm

65-5210-11

NOYES-HARTMANN Nasal Serrated,
jaws, working length 11 cm

65-5210-13

NOYES-HARTMANN Nasal Serrated,
jaws, working length 13 cm

پانچ اسفنوئید بینی

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

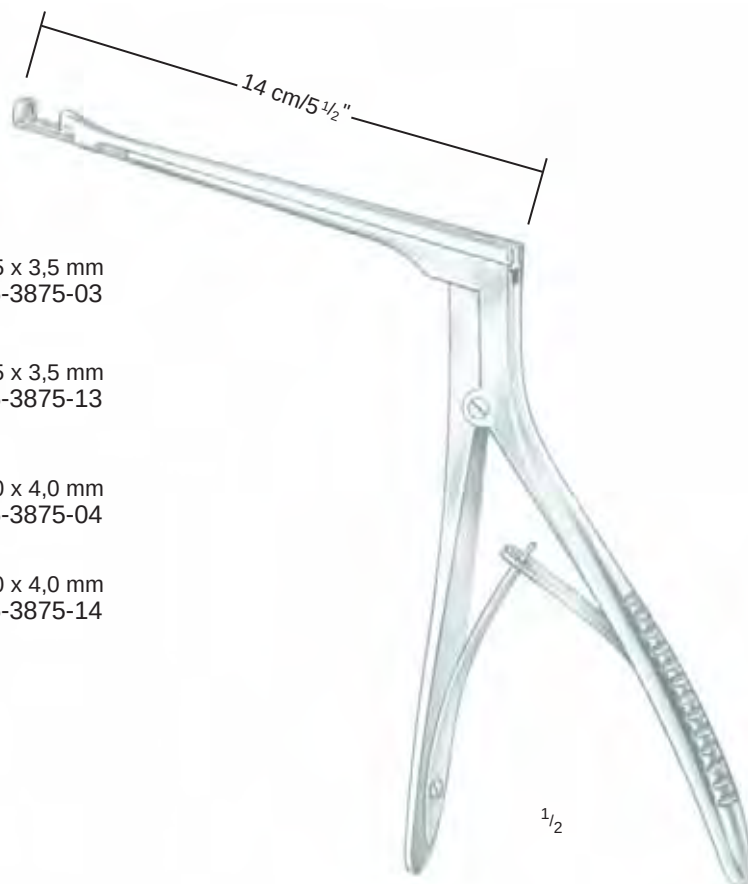
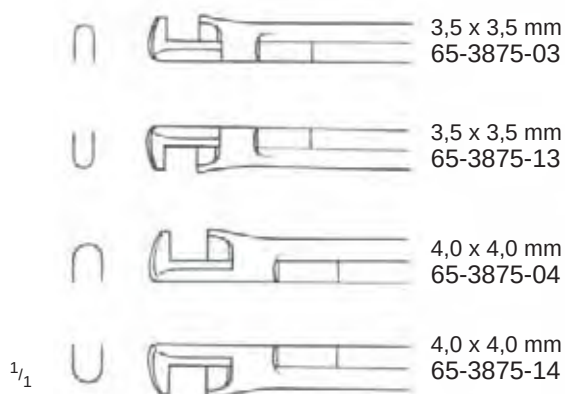
Pincès coupantes pour le nez



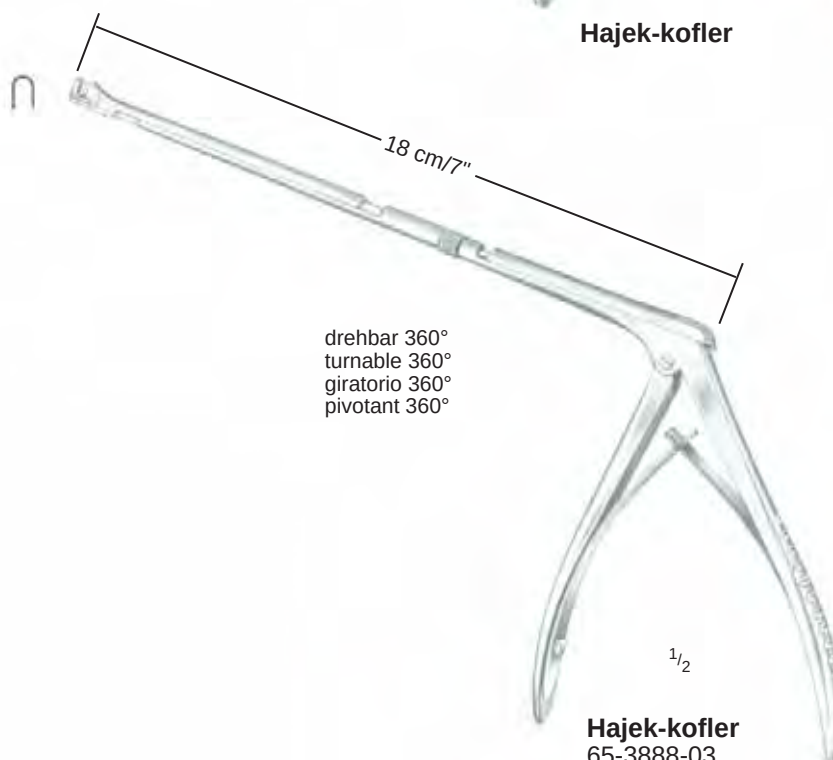
Univer®

65

Keilbeistanzen
Sphenoid Punches
Pinzas cortantes para seno esfenoidal
Pincès emporte-pièces pour sinus sphénoïdal



Hajek-kofler



Hajek-kofler
65-3888-03



پانچ اسفنوئید

Scharfe Nasenzangen

Nasal Cutting Forceps

Pinzas cortantes para la nariz

Pinces coupantes pour le nez

Keilbeinstanzen

Sphenoid Punches

Pinzas cortantes para seno esfenoidal

Pinces emporte-pièces pour sinus sphénoïdal

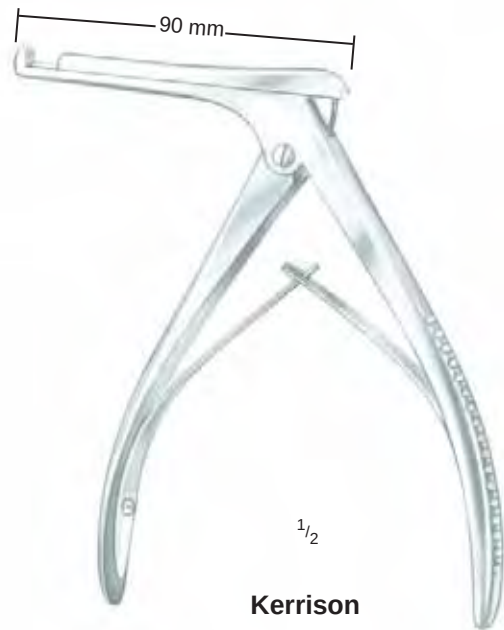
Fig. 00 2 x 2 mm 65-3977-02

Fig. 0 3 x 3 mm 65-3977-03

Fig. 1 4 x 4 mm 65-3977-04

Fig. 2 5 x 5 mm 65-3977-05

Fig. 3 6 x 6 mm 65-3977-06



Applikator mit Bruststütze
Applicator with Chest Support
Aplicador con soporte pectoral
Applicateur avec support contre-poitrine



Knorpelquetsche mit Entnahmeklammer
Cartilage Crusher, with clamp for taking out the prepared material
Instrumento para aplastar el cartílago, con grapa de toma
Presse pour matière cartilagineuse avec pince pour l'enlever



Cottle
65-5102-10

glattes
smooth
bocas
à mors

Cottle
65-6103-10

gezahnt
serrated
dentada
dentelée

nicht abgebildet
not illustrated
no ilustrado
sans illustration



Measuring Plate
65-5200-89



69



جراحی لوزه

Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

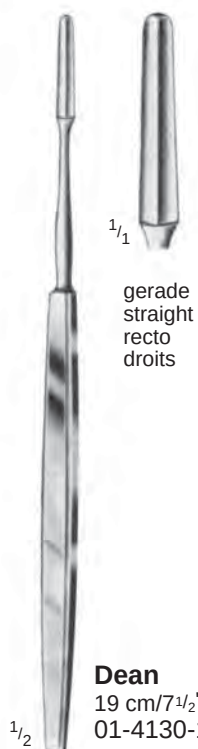


جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

Tonsillenmesser • Tonsil Knives • Bisturíes para amígdalas • Bistouris pour amygdales چاقوی لوزه



Canfield
21 cm/8¹/₄"
01-4100-21



gerade
straight
recto
droits

Dean
19 cm/7¹/₂"
01-4130-19



abgewinkelt
angled
acodado
coudées

Dean
19 cm/7¹/₂"
01-4131-19



Bruenings
23 cm/9"
01-4150-23



Abraham
21 cm/8¹/₄"
01-4156-21



gezahnt
saw edge
dentados
dentelés

Fisher
22,5 cm/9"
01-4163-22



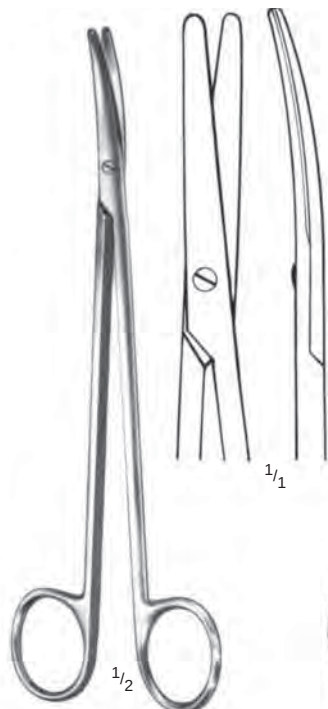
Tyding
21 cm/8¹/₄"
01-4171-21



Day
21,5 cm/8¹/₂"
01-4175-21

Tonsillenscheren Tonsil Scissors Tijeras para amígdalas Ciseaux pour les amygdales قیچی لوزه

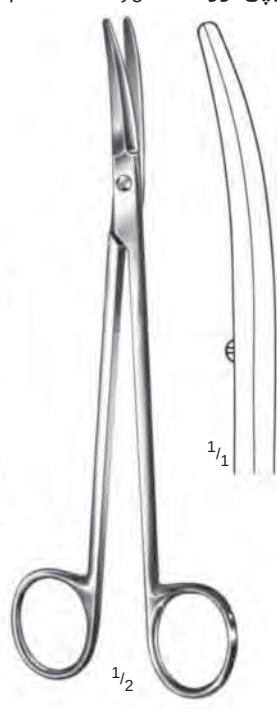
1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



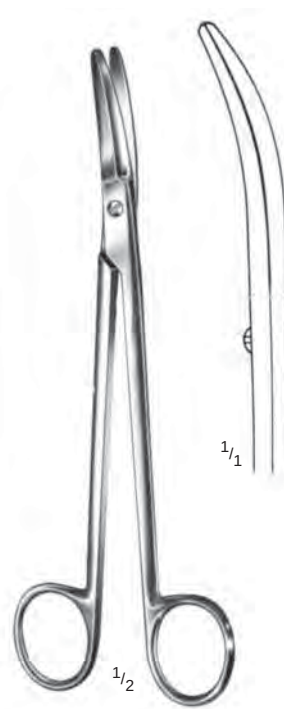
Metzenbaum
18 cm/7"
02-1251-18



Dean
17 cm/6 3/4"
02-3113-17

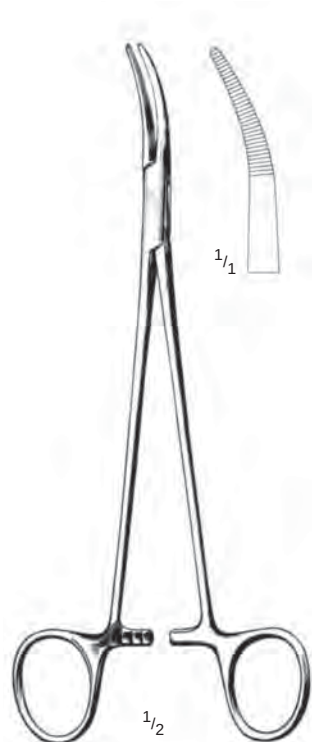


Böttcher
18 cm/7"
02-3125-18



Prince
17,5 cm/6 3/4"
02-3133-17

Tonsillenklemmen Tonsil Clamps Pinzas para amígdalas Pincas amygdaliennes

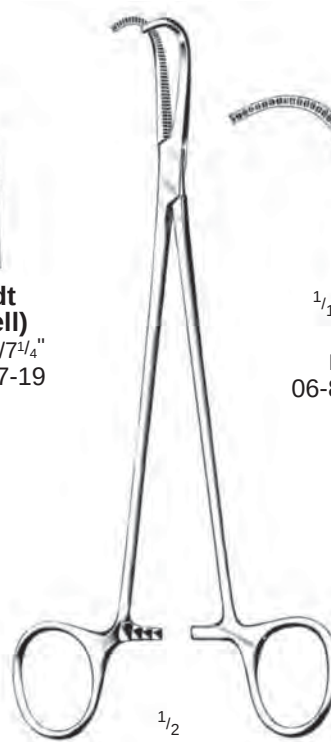


Schnidt
19 cm/7 1/2"
06-0651-19



Schnidt (Boettcher)
19 cm/7 1/2"
06-8115-19

Schnidt (Sawtell)
18,5 cm/7 1/4"
06-8117-19



Negus
19 cm/7 1/2"

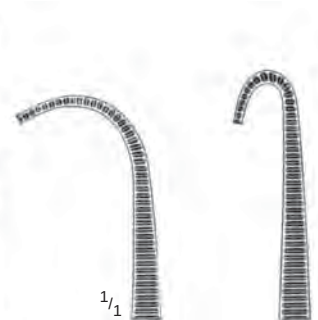
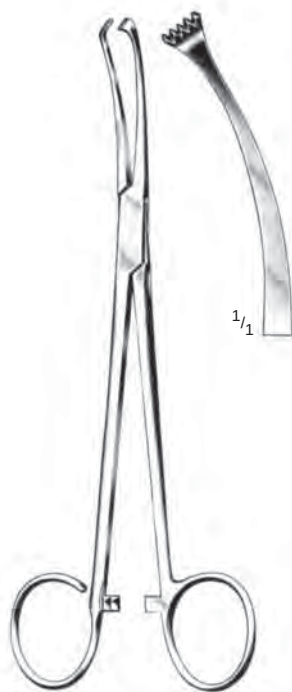


Fig. 1 06-8129-01
Fig. 2 06-8129-02

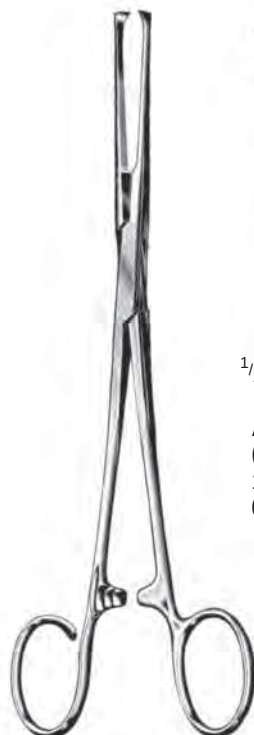


جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

Tonsillenfaßzangen • Tonsil Seizing Forceps • Pinzas para coger las amígdalas • Pincas pour saisir les amygdales لوزه پنس



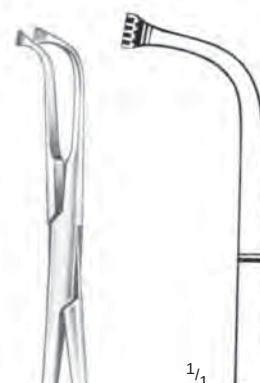
White
18 cm/7" 06-8225-18
23 cm/9" 06-8225-23



Allis-Coakley
19 cm/7½" 06-8228-19



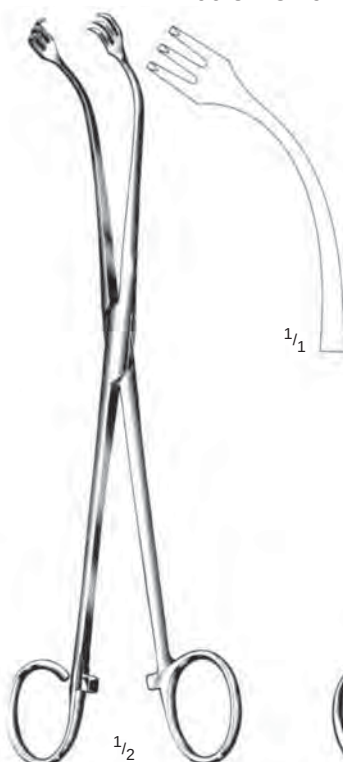
**Allis-Coakley
(Colver)**
19 cm/7½" 06-8229-19



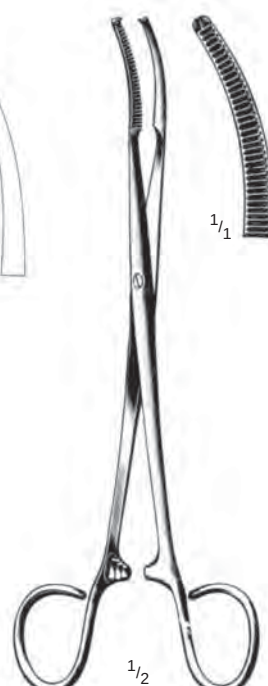
Allis-Coakley
18,5 cm/7¼" 06-8229-18



Allis
20 cm/8" 06-8231-20



Ballenger
21,5 cm/8½" 06-8241-21



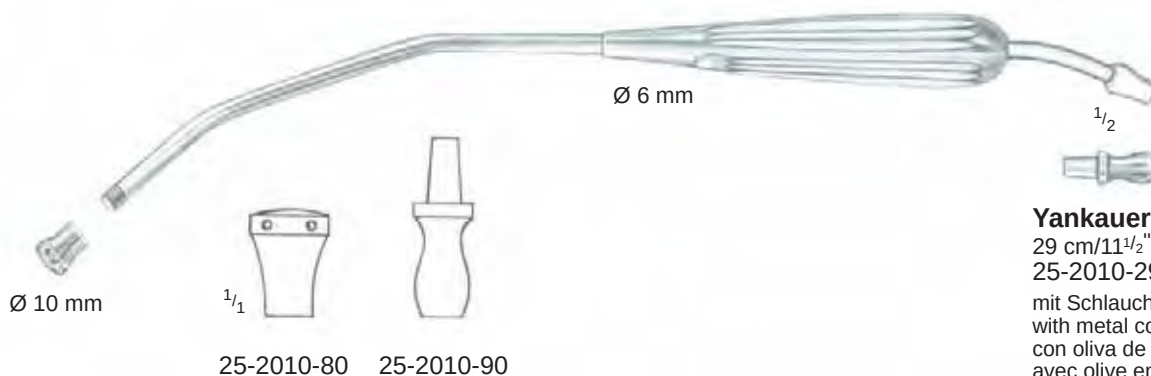
Mikulicz
18 cm/7" 06-8245-18



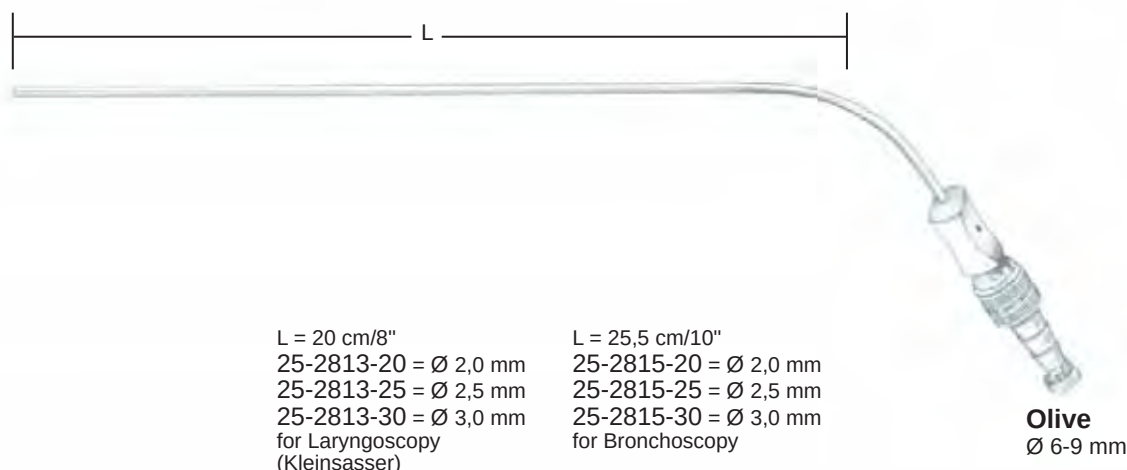
Blohmke
20 cm/8" 06-8257-20



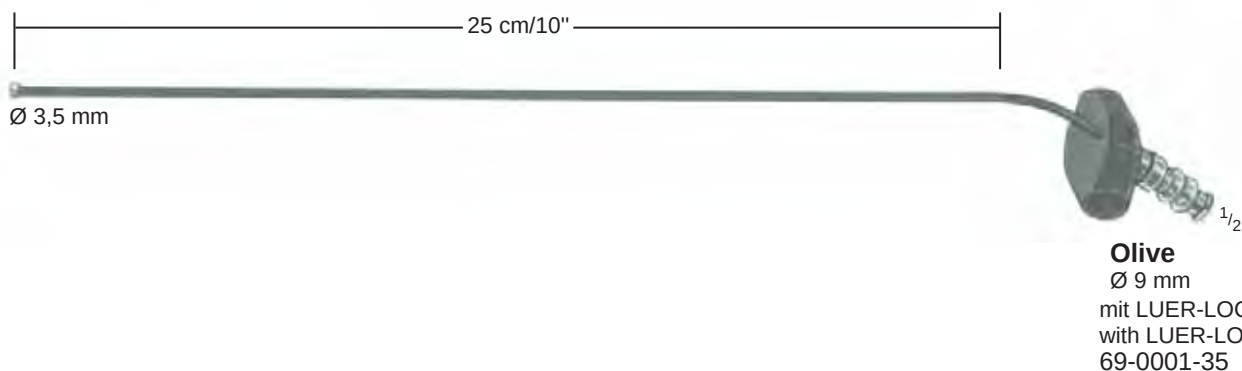
Saugrohre
Suction Tubes
Tubos aspiradores
Tubes d'aspiration



Yankauer
29 cm/11¹/₂"
25-2010-29
mit Schlaucholive
with metal connection
con oliva de tuba
avec olive en métal



Koagulations-Saugkanüle
Coagulation Suction Cannula
Cánula de aspiración para
sistema de coagulación
Aspirateur-Coagulateur



Olive
Ø 9 mm
mit LUER-LOCK
with LUER-LOCK
69-0001-35



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

سرنو لوزه

Tonsillenschnürer
Tonsil Snare
Cierra-nudos para amígdalas
Serre-nœuds pour l'ablation
des amygdales



Bruenings

28 cm/11"
69-0100-28

mit Sperre
with ratchet
con cremallera
avec crémaillère



Eves

28 cm/11"
69-0115-28

ohne Sperre
without ratchet
sin cremallera
sans crémaillère



Eves

28 cm/11"
69-0120-28

mit Sperre
with ratchet
con cremallera
avec crémaillère



69-0400-51



69-0401-52

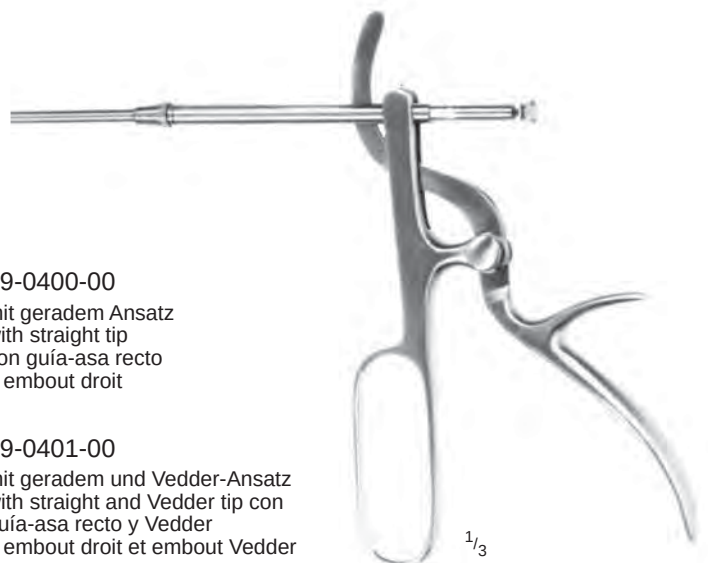
$\frac{1}{3}$

69-0400-00

mit geradem Ansatz
with straight tip
con guía-asa recto
à embout droit

69-0401-00

mit geradem und Vedder-Ansatz
with straight and Vedder tip con
guía-asa recto y Vedder
à embout droit et embout Vedder



$\frac{1}{3}$

Tyding

Stahldraht für Tonsillenschnürer
Steel Wire for Tonsil Snare
Alambre de acero para cierra-nudos para amígdalas
Fil d'acier pour serre-noeuds amigdaliens



10 m, 33 ft

0,3 mm Ø 40-1550-30
0,4 mm Ø 40-1550-40
0,5 mm Ø 40-1550-50

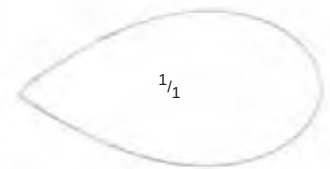
Schnürerdrähte, geformt
Snare Wires, shaped
Asas de alambre, preparadas
Anses en fil d'acier, préparées



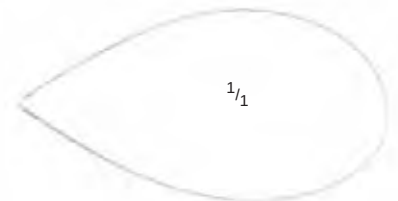
Bündel • Bundles • Paquets • Paquets

	12	100
	10 cm/4"	
Ø mm		
0,3	40-1552-30	40-1554-30
0,4	40-1552-40	40-1554-40
0,5	40-1552-50	40-1554-50
	12 cm/4"	
0,3	40-1556-30	40-1558-30
0,4	40-1556-40	40-1558-40
0,5	40-1556-50	40-1558-50

Drahtschlingen, gelötet
Wire Loops, soldered
Asas de alambre, soldadas
Anses en fil d'acier, soudées



0,4 x 40 mm
40-1564-40



0,4 x 50 mm
40-1565-40

Röderbinder
Ligature Carrier
Porta-ligaduras
Porte-ligatures

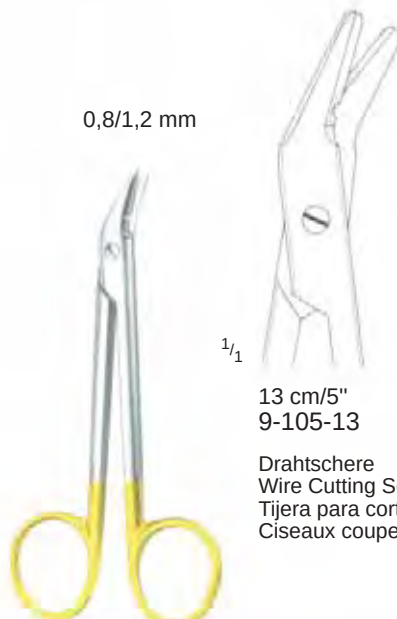


1/2

Röder
Form E
26,5 cm/10 1/2"
69-0490-26

Drahtinstrumente
Wire Instruments
Instrumentos para alambre
Instruments four fils métalliques

0,8/1,2 mm



1/2

Universal
Granit Edge®

1/1

13 cm/5"
9-105-13

Drahtschere
Wire Cutting Scissors
Tijera para cortar hilo de acero
Ciseaux coupe-fil



1/2

Drahtbiegezange
Wire Bending Pliers
Alicate para doblar alambre
Pince pour plier le fil d'acier



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

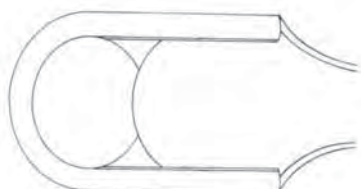


Fig. 1

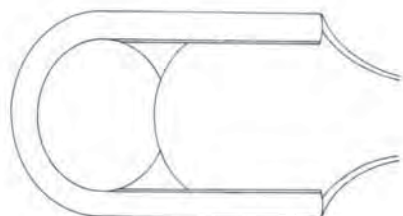


Fig. 2

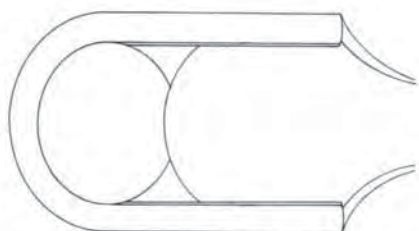
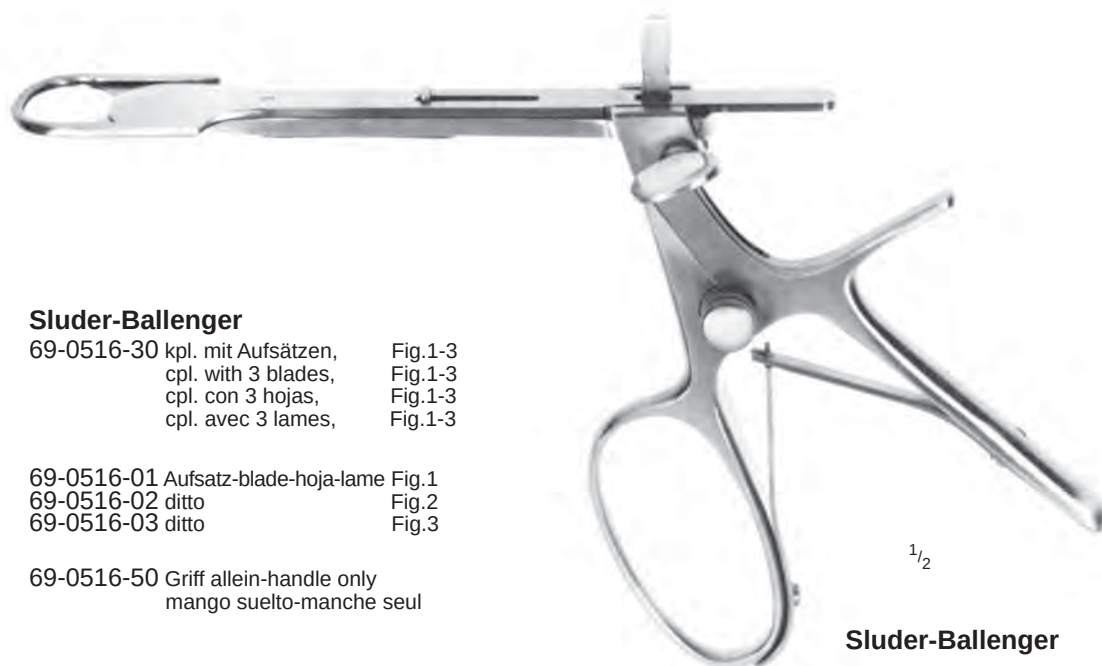


Fig. 3

 $\frac{1}{1}$  $\frac{1}{2}$

Sluder-Ballenger

69-0516-30 kpl. mit Aufsätzen, Fig.1-3
cpl. with 3 blades, Fig.1-3
cpl. con 3 hojas, Fig.1-3
cpl. avec 3 lames, Fig.1-3

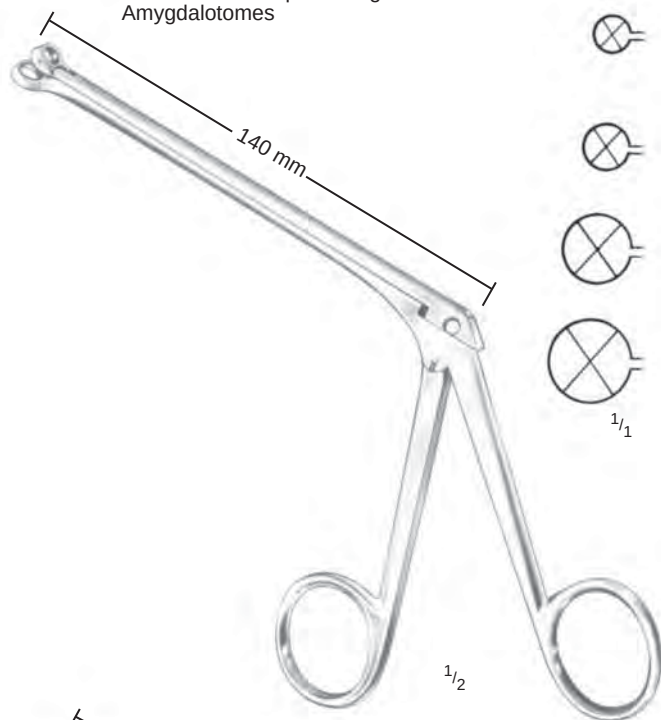
69-0516-01 Aufsatz-blade-hoja-lame Fig.1
69-0516-02 ditto Fig.2
69-0516-03 ditto Fig.3

69-0516-50 Griff allein-handle only
mango suelto-manche seul

Sluder-Ballenger



Tonsillenzangen
Tonsil Punch Forceps
Pinzas cortantes para amígdalas
Amygdalotomes



Ø 5 mm
69-5504-05

Ø 7 mm
69-5504-07

Ø 9 mm
69-5504-09

Ø 11 mm
69-5504-11
1/1

Ø 5 mm
69-5508-05

Ø 7 mm
69-5508-07

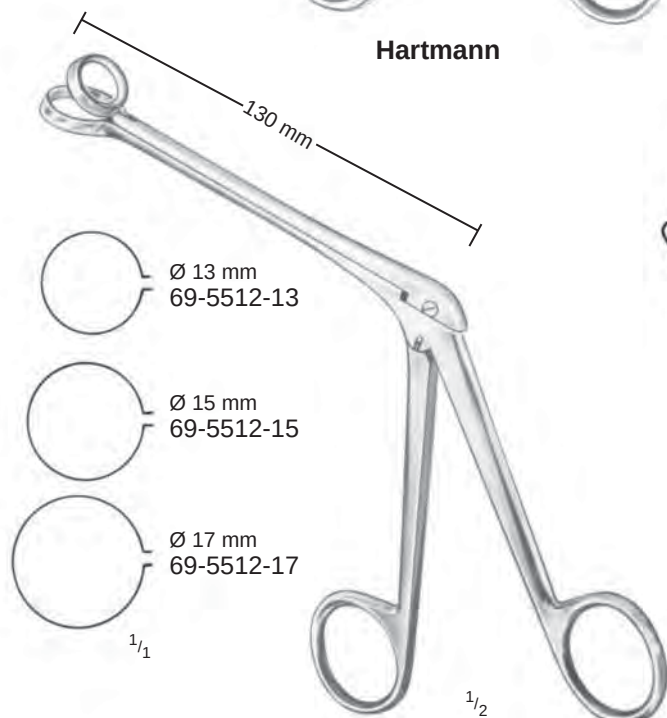
Ø 9 mm
69-5508-09
1/1



Schmeden

Hartmann

Tonsillenabszess-Zange
Peritonsillar Abscess Forceps
Pinza para abscesos de las amígdalas
Pince pour abcès amygdaliens



Ø 13 mm
69-5512-13

Ø 15 mm
69-5512-15

Ø 17 mm
69-5512-17
1/1

Hartmann



Thilenius

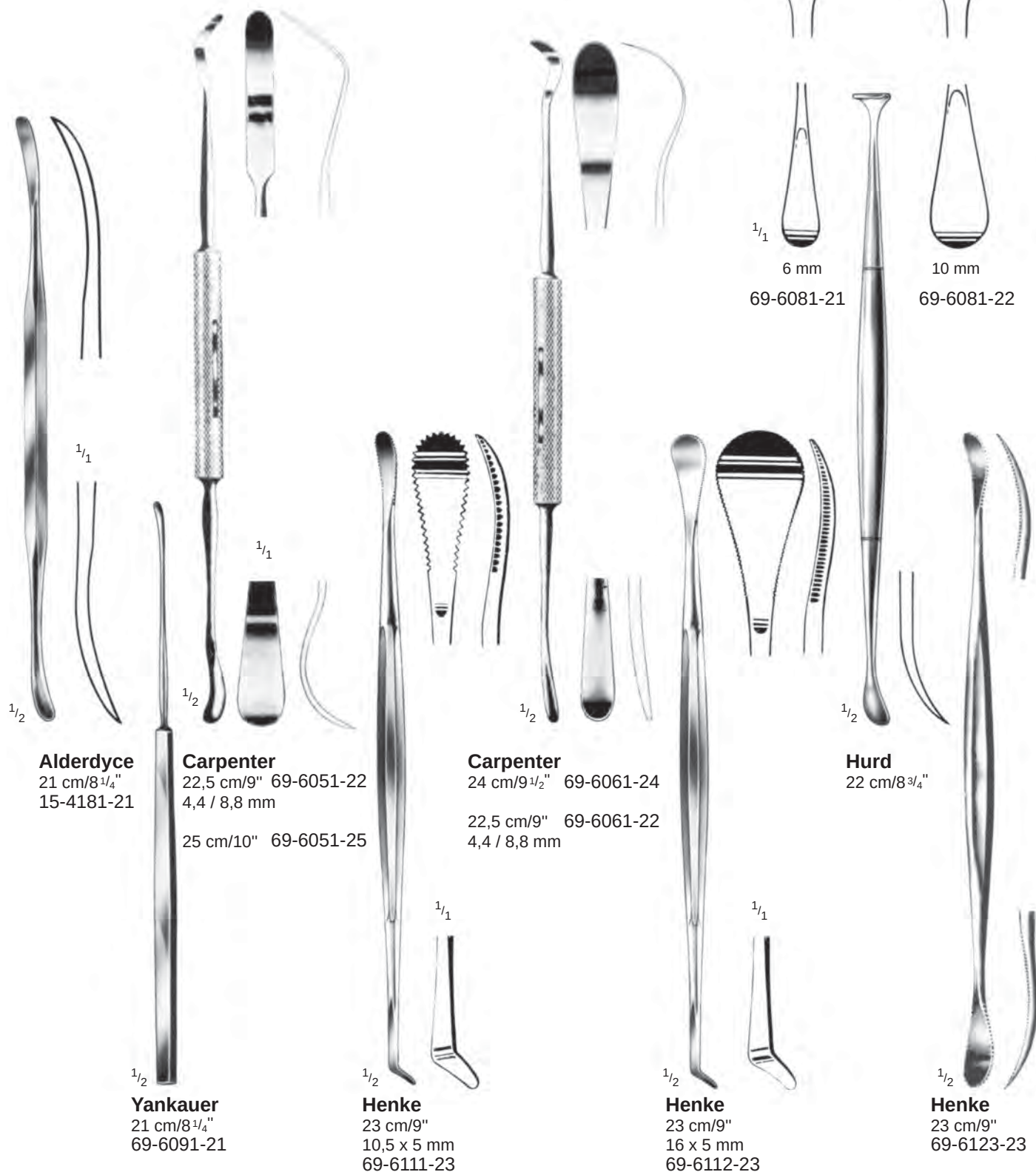
20 cm/8"
69-5525-20



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

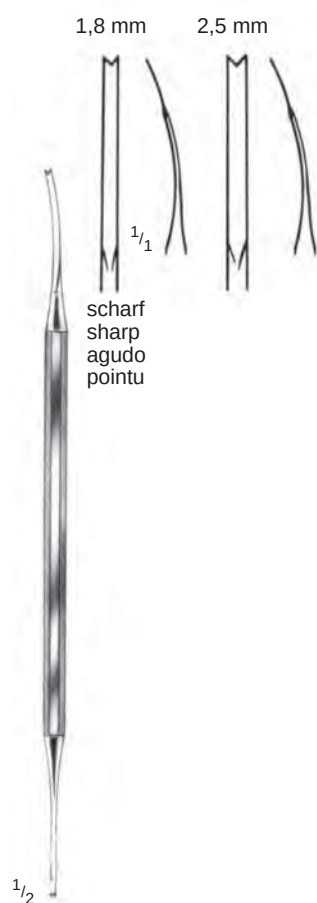
دایسکتور لوزه

Dissektoren, Retraktoren und Elevatorien für Tonsillen
Tonsil Dissectors, Retractors and Elevators
Disectores, separadores y elevadores para amígdalas
Décolleurs, écarteurs des piliers et elevateurs pour amygdales



Tonsillentamponstopfer
Tonsil Gauze Packer
Taponeador para amígdalas
Porte-tampon pour amygdales

Gaumensegelhäkchen
Soft Palate Retractor
Elevador para velo palatino
Releveur du voile du palais



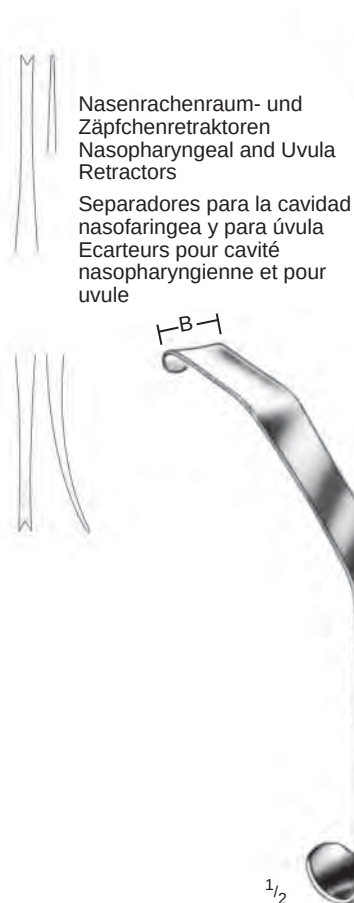
Luniatschek

19 cm/7 1/2"
69-6149-18 = 1,8 mm
69-6149-25 = 2,5 mm



Luniatschek

17,5 cm/7"
69-6150-02 = 2 mm



Love

15 cm/6" B
69-6155-18 = 18 mm
69-6155-20 = 20 mm
69-6155-22 = 22 mm



Nager

23 cm/9"
69-6243-23



Haslinger

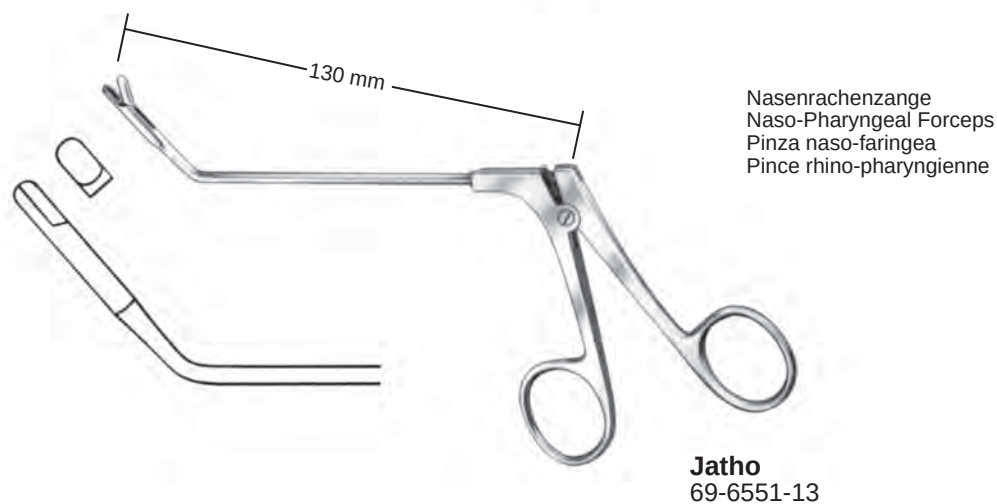
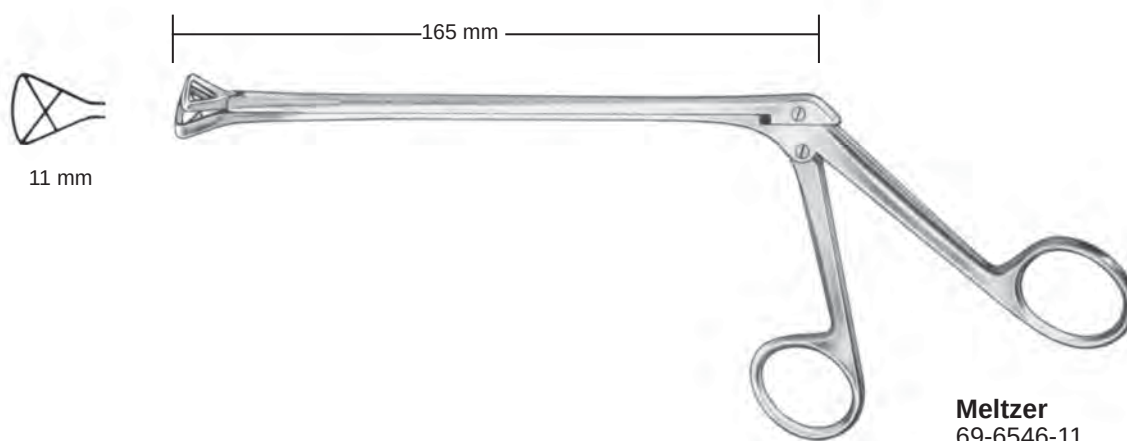
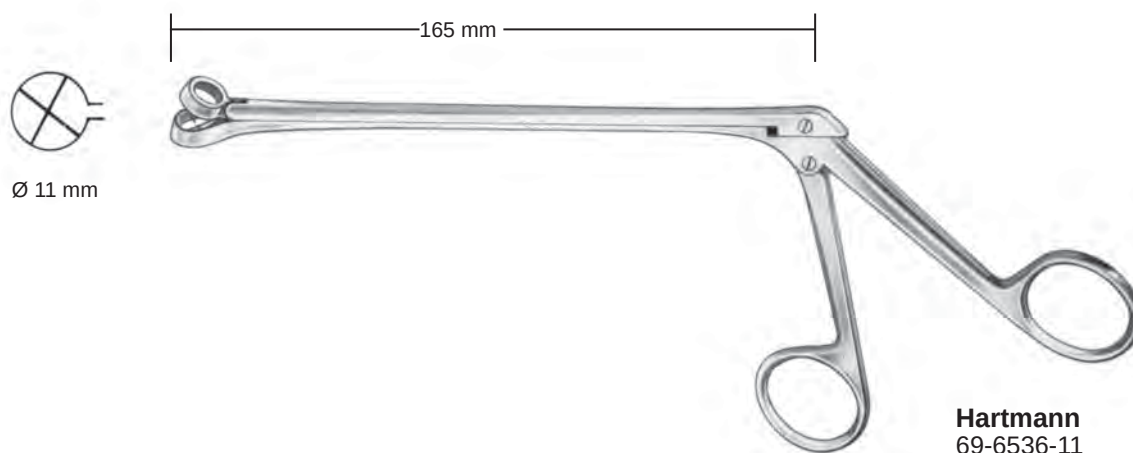
17 cm/6 3/4"
69-6253-17



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

Tonsillenzangen
 Tonsil Punches
 pinzas para amígdalas
 pinces pour amygdales

Adenoidstanzen
 Adenoid Punches
 Pinzas sacabocados adenoideas
 Pincas coupantes pour adénotomie



70

Univer[®]



حنجره - ریه - لاریتژیوسکوپ و برونشیوسکوپ

**Laryngo-Broncho-
Oesophagoskopie**

**Laryngo-Broncho-
Esophagoscopy**

**Laringo-Bronco-
Esofagoscopía**

**Laryngo-Broncho-
Æsophagoscopie**

حنجره - ریه - لاریتژیوسکوپیی و برونشیوسکوپیی

Laryngo-Broncho-Oesophagoskopie

Laryngo-Broncho-Esophagoscopy

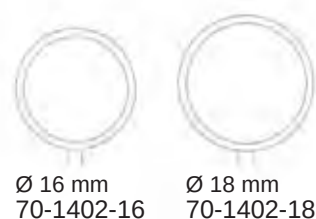
Laringo-Bronco-Esofagoscopia

Laryngo-Broncho-Oesophagoscopie

Laryngofissurschere
Laryngectomy Scissors
Tijera laríngea
Ciseaux laryngiens



1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée



Kehldeckelhalter
Epiglottis Retractor
Depresor para epíglotis
Dépresseur de l'épiglotte



Reichert
24 cm/9½"
70-1351-24

Rhinoskopiespiegel
Rhinoscopic Mirrors
Espejos rinoscópicos
Miroirs rhinoscopiques



Michel
25 cm/10"
70-1402-##



Killian
21 cm/8½"
02-2067-21

Kehlkopfspiegel und -griffe
Laryngeal Mirrors and Handles
Espejos y mangos laríngeos
Miroirs et manches laryngiens

Griffe für Kehlkopfspiegel
Handles for Laryngeal Mirrors
Mangos para espejos laríngeos
Manches pour miroirs laryngiens



70-1405-20 70-1405-42

ohne Griff
without handle
sin mango
sans manche



Fig. 000 = Ø 6 mm
Fig. 00 = Ø 8 mm
Fig. 0 = Ø 10 mm
Fig. 1 = Ø 12 mm
Fig. 2 = Ø 14 mm
Fig. 3 = Ø 16 mm
Fig. 4 = Ø 18 mm
Fig. 5 = Ø 20 mm
Fig. 6 = Ø 22 mm
Fig. 7 = Ø 24 mm
Fig. 8 = Ø 26 mm
Fig. 9 = Ø 28 mm
Fig. 10 = Ø 30 mm

70-1404-06
70-1404-08
70-1404-10
70-1404-12
70-1404-14
70-1404-16
70-1404-18
70-1404-20
70-1404-22
70-1404-24
70-1404-26
70-1404-28
70-1404-30

mit massivem Sechskantgriff
with solid hexagonal handle
con mango macizo hexagonal
à manche solid hexagonal



70-1410-06
70-1410-08
70-1410-10
70-1410-12
70-1410-14
70-1410-16
70-1410-18
70-1410-20
70-1410-22
70-1410-24
70-1410-26
70-1410-28
70-1410-30

mit massivem Rundgriff
with solid round handle
con mango macizo rondondo
à manche solid rond



70-1412-06
70-1412-08
70-1412-10
70-1412-12
70-1412-14
70-1412-16
70-1412-18
70-1412-20
70-1412-22
70-1412-24
70-1412-26
70-1412-28
70-1412-30



لاریتژیوسکوپیی و برونشیوسکوپیی

Laryngo-Broncho-Oesophagoskopie

Laryngo-Broncho-Esophagoscopy

Laringo-Bronco-Esofagoscopia

Laryngo-Broncho-Oesophagoscopie

Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires



Für die vordere Kommissur
For Anterior Commissure
Para la comisura anterior
Pour la commissure antérieure

120 mm
170 mm
180 mm

**Jackson
KL**



komplett
complete
completo
complet

Kaltlicht-Träger allein
F.O. Light Carrier only
Soporte de luz fría suelto
Porte-lumière froide seul

70-1631-20 120 mm 70-1632-20

70-1631-70 170 mm 70-1632-70

70-1631-80 180 mm 70-1632-80



170 mm
180 mm

**Holinger
KL**

komplett
complete
completo
complet

Kaltlicht-Träger allein
F.O. Light Carrier only
Soporte-luz fría suelto
Porte-lumière froide seul

70-1651-70 170 mm 70-1652-70

70-1651-80 180 mm 70-1652-80

حنجره - ریه - لاریتژیوسکوپیی و برونشیوسکوپیی

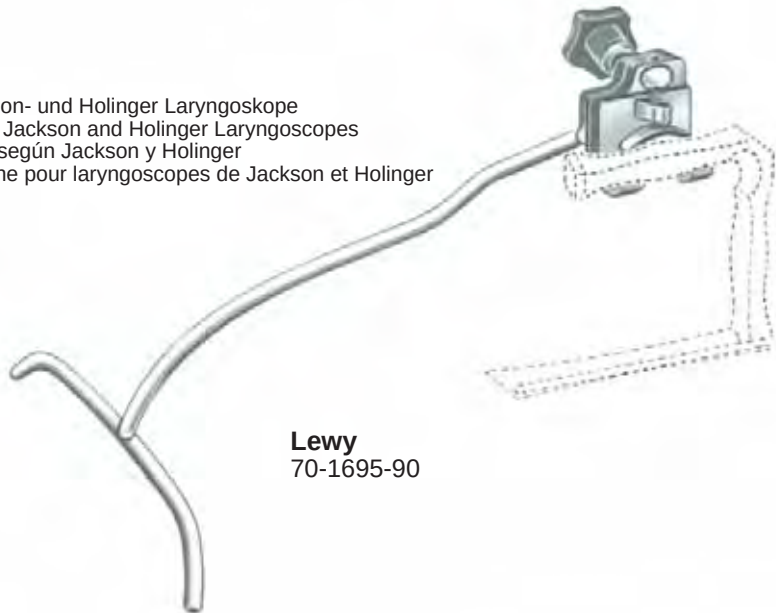
Laryngo-Broncho-Oesophagoskopie
Laryngo-Broncho-Esophagoscopy
Laryngo-Broncho-Esofagoscopia
Laryngo-Broncho-Œsophagoscopie



70

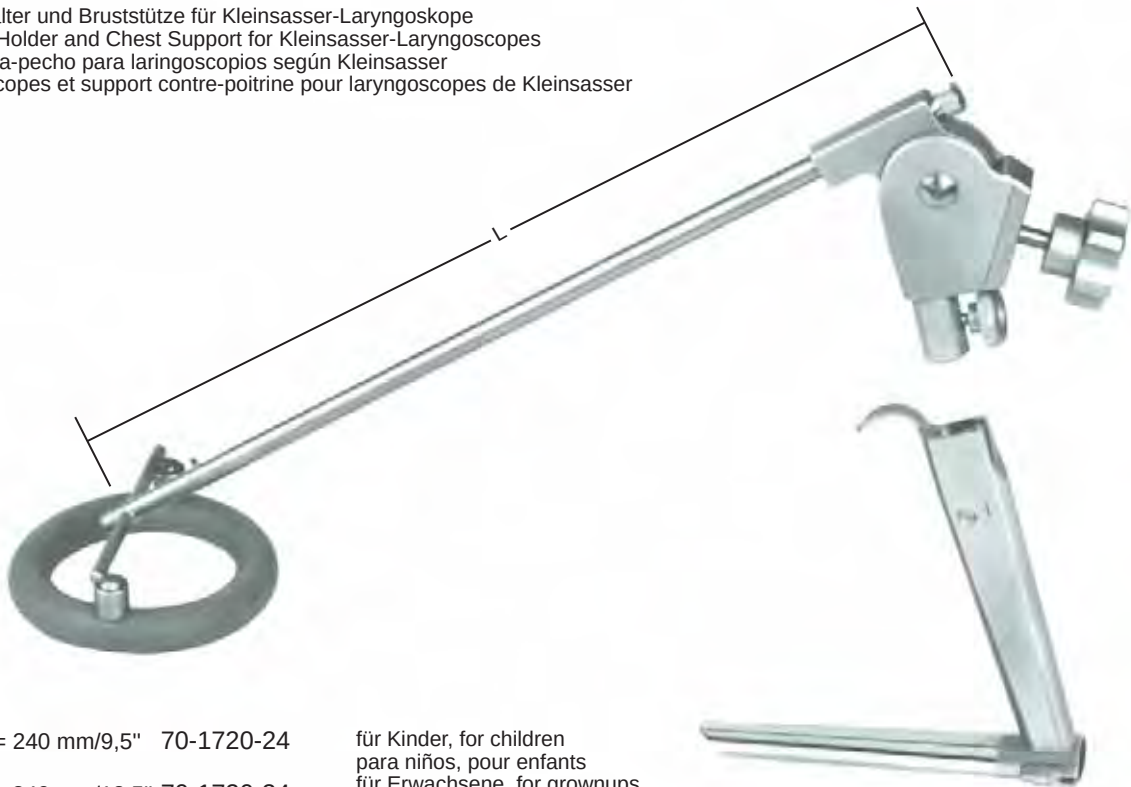
Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires

Laryngoskophalter und Bruststütze für Jackson- und Holinger Laryngoskope
Laryngoscope Holder and Chest Support for Jackson and Holinger Laryngoscopes
Soporte y apoya-pecho para laringoscopios según Jackson y Holinger
Porte-laryngoscopes et support contre-poitaine pour laryngoscopes de Jackson et Holinger



Lewy
70-1695-90

Laryngoskophalter und Bruststütze für Kleinsasser-Laryngoskope
Laryngoscope Holder and Chest Support for Kleinsasser-Laryngoscopes
Soporte y apoya-pecho para laringoscopios según Kleinsasser
Porte-laryngoscopes et support contre-poitaine pour laryngoscopes de Kleinsasser



L = 240 mm/9,5" 70-1720-24

L = 340 mm/13,5" 70-1720-34

für Kinder, for children
para niños, pour enfants
für Erwachsene, for grownups
para adultos, pour adultes

Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires

komplett Kaltlicht-Träger allein
complete F.O. Light Carrier only
completo Soporte de luz fría suelto
complet Porte-lumière froide seul

L mm

70-1720-01 135 70-1721-12



Fig. 1

70-1720-02 152 70-1721-12



Fig. 2

70-1720-03 182 70-1721-36



Fig. 3

70-1720-04 172 70-1721-36



Fig. 4

70-1720-05 172 70-1721-36



Fig. 5

70-1720-06 182 70-1721-36



Fig. 6

70-1720-07 222 70-1721-70



Fig. 7

Kleinsasser Kaltlicht-Operations-Laryngoskope
Kleinsasser F.O. Operation Laryngoscopes
Laringoscopio de luz fría para operaciones según Kleinsasser
Laryngoscopes à lumière froide pour opérations de Kleinsasser



Injektionskanüle für Kleinsasser-Laryngoskope Fig. 1 -7
Injection Drain Cannula for Kleinsasser Laryngoscopes fig. 1 -7
Cánula de inyección para laringoscopios según Kleinsasser fig. 1 -7
Canule d'injection pour laryngoscopes de Kleinsasser fig. 1 -7
70-1722-17



Rauchabsaugrohr für Kleinsasser-Laryngoskope Fig. 3-7
Suction Tube for Kleinsasser Laryngoscopes fig. 3-7
Tubo de aspiración para laringoscopios según Kleinsasser fig. 3-7
Canule d'aspiration pour laryngoscopes de Kleinsasser fig. 3-7
70-1722-37

حنجره - ریه - لارینژیوسکوپي و برونشیوسکوپي

Laryngo-Broncho-Oesophagoskopie

Laryngo-Broncho-Esophagoscopy

Laringo-Bronco-Esofagoscopia

Laryngo-Broncho-Esophagoscopie



70



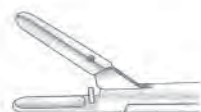
70-2019-23



70-2021-23



70-2024-23



70-2026-23



Fraenkel

23 cm/9"

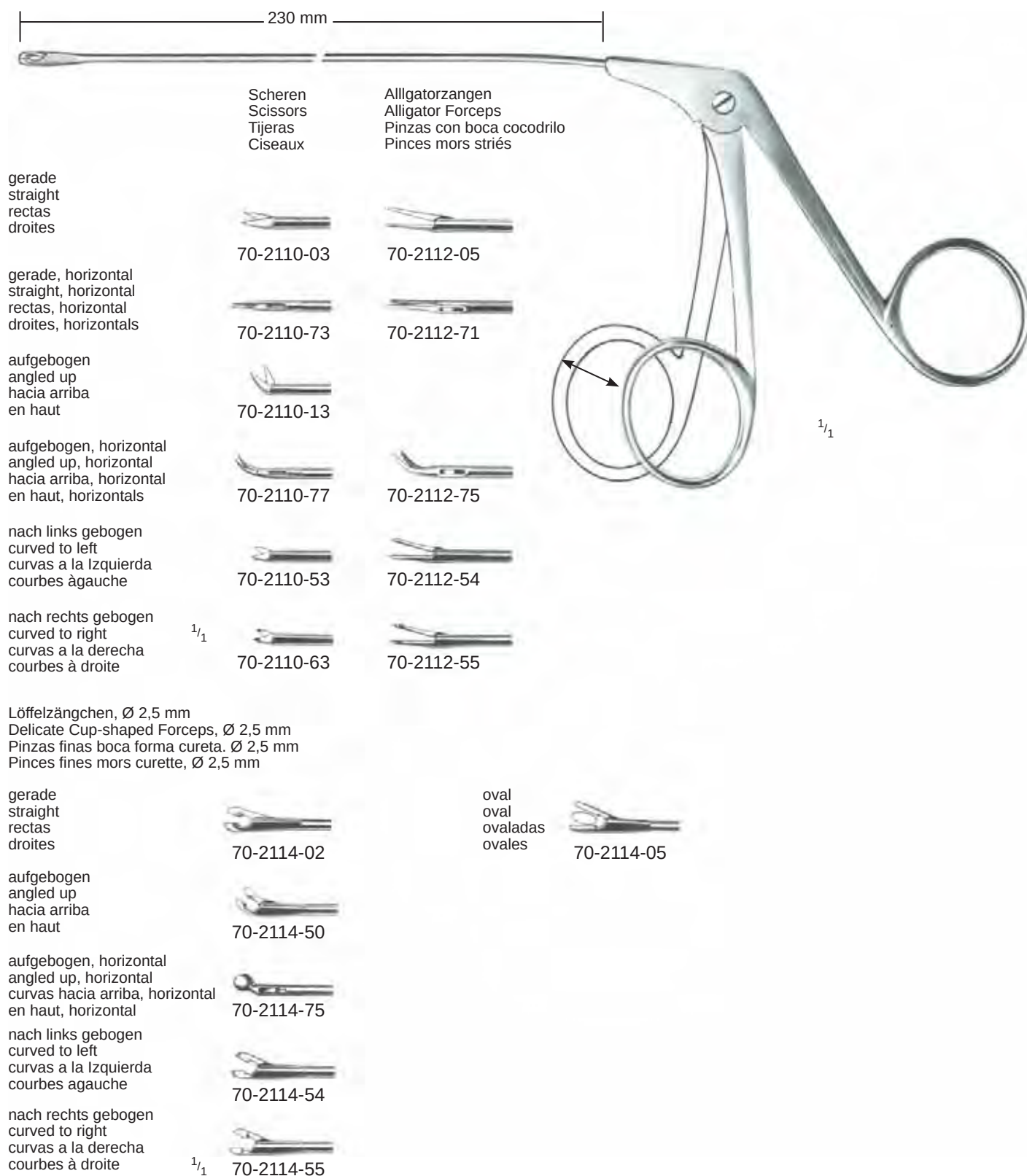
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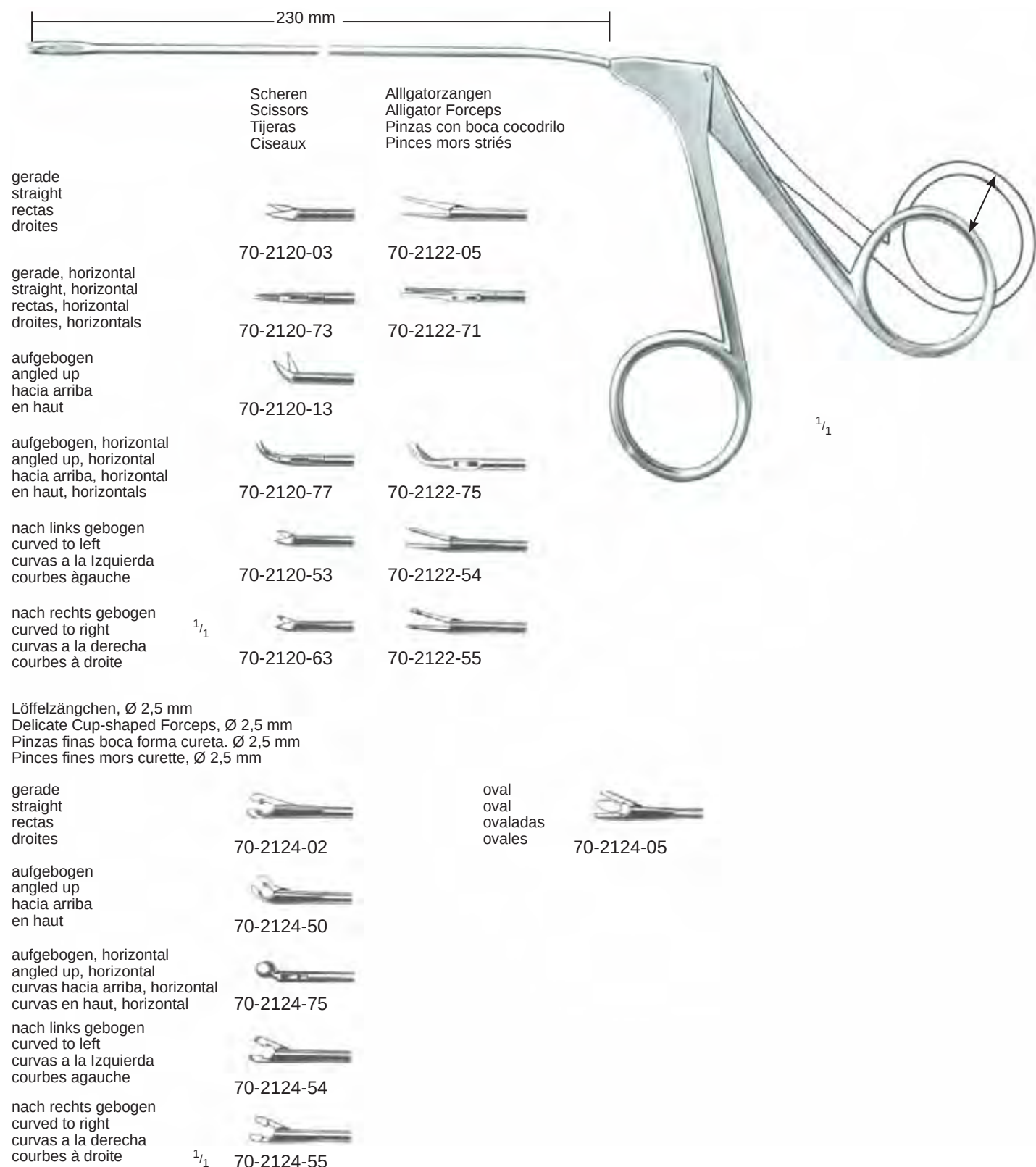
Jurasz

23 cm/9"

Instrumente zur endolaryngealen Mikrochirurgie
Instruments for endo-laryngeal Micro Surgery
Instrumentos para micro-cirugía endolaringeal
Instruments pour la microchirurgie endolaryngienne



Instrumente zur endolaryngealen Mikrochirurgie
Instruments for endo-laryngeal Micro Surgery
Instrumentos para micro-cirugía endolaringeal
Instruments pour la microchirurgie endolaryngienne



Rohrschaftzangen für Laryngoskopie
 Forceps with tubular shafts for Laryngoscopy
 Pinzas con vástago tubular para Laringoscopia
 Pincers à tige tubulaire pour Laryngoscopy



Schaftdurchmesser: 1,5 mm
 Diameter of tube: 1.5 mm
 Diámetro del vástago: 1,5 mm
 Diamètre de la tige: 1,5 mm



1 = 70-3435-01

2 mm 2 = 70-3535-02

3 mm 1 = 70-3435-03
 2 = 70-3535-03

1 = 70-3435-05
 2 = 70-3535-05

1 = 70-3435-08
 2 = 70-3535-08

1 = 70-3435-09
 2 = 70-3535-09

oval 2 mm 1 = 70-3435-11

3 x 5 mm 1 = 70-3435-12
 2 = 70-3535-12

3 mm 1 = 70-3435-50

3 mm 1 = 70-3435-54

3 mm 1 = 70-3435-55

3 mm 1 = 70-3435-75

1/1

1 = ein Maulteil beweglich
 1 = one part of jaw movable
 1 = una parte de mandíbula móvil
 1 = un mors mobil

2 = beide Maulteil beweglich
 2 = both part of jaw movable
 2 = ambas mandíbulas móviles
 2 = les deux mors mobil



Jackson
 24 cm/9 1/2"

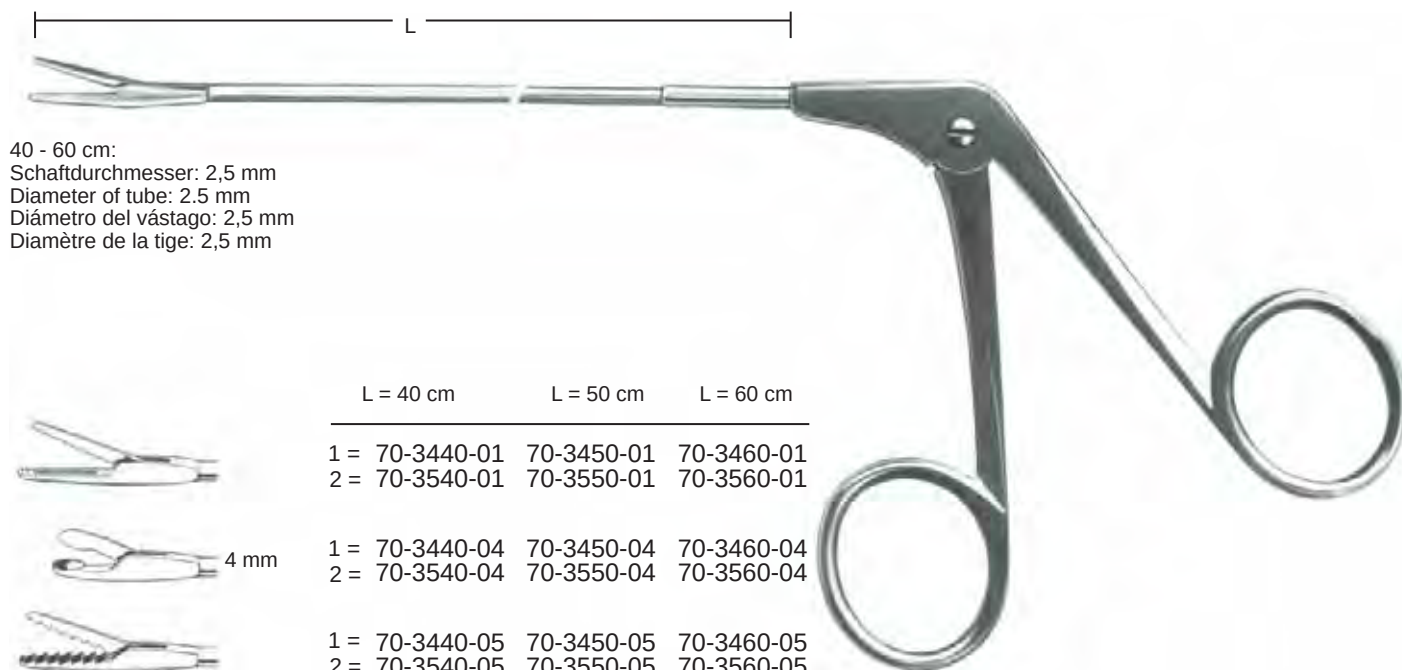


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70-3437-00

Rohrschaftzangen für Laryngo-Broncho-Oesophagoskopie
Forceps with tubular shafts for Laryngo-Broncho-Esophagoscopia
Pinzas con vástago tubular para Laringo-Bronco-Esofagoscopia
Pinces à tige tubulaire pour Laryngo-Broncho-Oesophagoscopia



40 - 60 cm:
Schaftdurchmesser: 2,5 mm
Diameter of tube: 2,5 mm
Diámetro del vástago: 2,5 mm
Diamètre de la tige: 2,5 mm

		L = 40 cm	L = 50 cm	L = 60 cm
		1 = 70-3440-01	70-3450-01	70-3460-01
		2 = 70-3540-01	70-3550-01	70-3560-01
	4 mm	1 = 70-3440-04	70-3450-04	70-3460-04
		2 = 70-3540-04	70-3550-04	70-3560-04
		1 = 70-3440-05	70-3450-05	70-3460-05
		2 = 70-3540-05	70-3550-05	70-3560-05
		1 = 70-3440-08	70-3450-08	70-3460-08
		2 = 70-3540-08	70-3550-08	70-3560-08
		1 = 70-3440-09	70-3450-09	70-3460-09
		2 = 70-3540-09	70-3550-09	70-3560-09
	3 x 6 mm	1 = 70-3440-36	70-3450-36	70-3460-36
	4 x 6 mm	2 = 70-3440-46	70-3450-46	70-3460-46
	4 x 8 mm	2 = 70-3440-48	70-3450-48	70-3460-48
	4 mm	1 = 70-3440-50	70-3450-50	70-3460-50
	4 mm	1 = 70-3440-54	70-3450-54	70-3460-54
	4 mm	1 = 70-3440-55	70-3450-55	70-3460-55
	4 mm	1 = 70-3440-75	70-3450-75	70-3460-75
		1 = 70-3440-92	70-3450-92	70-3460-92

1 = ein Maulteil beweglich
1 = one part of jaw movable
1 = una parte de mandíbula móvil
1 = un mors mobil

2 = beide Maulteil beweglich
2 = both part of jaw movable
2 = ambas mandíbulas móviles
2 = les deux mors mobil

¹/₁

Tumorenstanze
Tumor Punch
Pinzas cortantes para tumores
Pinces coupantes pour tumeurs

حنجره - ریه - لاریتژیوسکوپي و برونشئوسکوپي

Laryngo-Broncho-Oesophagoskopie

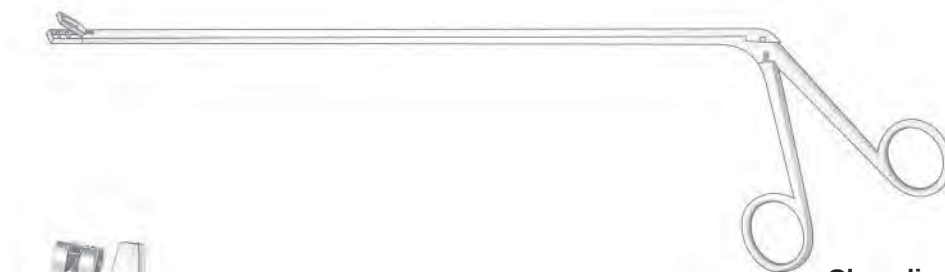
Laryngo-Broncho-Esophagoscopy

Laryngo-Broncho-Esofagoscopia

Laryngo-Broncho-Oesophagoscopie

Shaft length

30 cm/12"	70-4203-30	70-4403-30	70-4603-30	70-4803-30	70-5003-30	70-5203-30	70-5403-30
40 cm/16"	70-4205-40	70-4405-40	70-4605-40	70-4805-40	70-5005-40	70-5205-40	70-5405-40
50 cm/20"	70-4206-50	70-4406-50	70-4606-50	70-4806-50	70-5006-50	70-5206-50	70-5406-50
60 cm/24"	70-4207-60	70-4407-60	70-4607-60	70-4807-60	70-5007-60	70-5207-60	70-5407-60



Chevalier-Jackson



**Huber
Universal handle**
70-5712-20

Universal griff
Universal Handle
Mango universal
Manche universel

für Verlängerungsrohre Art.-Nr.
for interchangeable tubes réf.
para tubos de extensión
pour tubes rallonges réf.

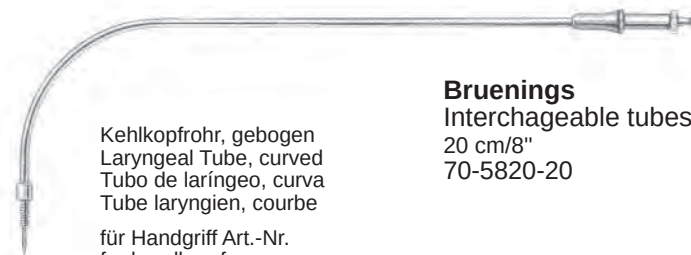
Verlängerungsrohr
Interchangeable Tube
Tubo de extensión
Tube rallonge

für Handgriff Art.-Nr.
for handle ref.
para mango ref.
pour manche réf.

Bruenings

Interchangeable tubes

20 cm/8"	70-5610-20
30 cm/12"	70-5612-30
40 cm/16"	70-5614-40
50 cm/20"	70-5616-50
60 cm/24"	70-5618-60



Kehlkopfrohr, gebogen
Laryngeal Tube, curved
Tubo de laríngeo, curva
Tube laryngien, courbe

für Handgriff Art.-Nr.
for handle ref.
para mango ref.
pour manche réf.
70-5712-20

**Bruenings
Interchangeable tubes**
20 cm/8"
70-5820-20

 70-6010-01



Fraenkel

 70-6012-01



Seiffert

 70-6014-01



Fraenkel

 70-6016-01



Scheinmann

 70-6018-01



Scheinmann

 70-6020-01

 70-6022-02



Bruenings

 70-6024-01

 70-6026-02



Bruenings

 70-6028-01



Lange

 70-6030-01

 70-6032-02



Krause

 70-6034-01



Krause

 70-6038-01

 70-6038-02

 70-6038-03

 70-6038-04



Cordes

 70-6044-01



Schumacher

 70-6046-01

 70-6048-02



Cordes

 70-6050-01



Cordes

 70-6052-01



Rosenberg