

01



انواع چاقو و دسته بیستوری

Messer, Skalpelle

Knives, Scalpels

Cuchillos, bisturíes

Couteaux, bistouris

01



دسته بیستوری
Skalpellgriffe
Scalpel Handles
Mangos de bisturíes
Manches pour bistouris

مناسب برای تیغه‌های ۱۵-۱۱-۱۰

passend für die Klingen

for blades

para las hojas

pour lames

10-11-15



No. 3L
01-0100-13

No. 3
01-0103-03

No. 3
01-0113-03

No. 3
01-0100-03

No. 7
01-0100-17

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

متناسب برای تیغههای ۰-۱-۲-۳-۴-۲۳-۲۴-۲۵-۲۶-۲۷-۲۸-۲۹-۳۰
 Passend für die Klingen
 for blades
 para las hojas
 Pour lames
 20-21-22-23-24

Univer® 01



No. 4
01-0102-04

No. 8H
01-0102-08

No. 4L
01-0102-14

No. 4
01-0103-04

No. 4
01-0113-04

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

01



چاقوی چشمی
Augenmesser
Eye Knives
Bisturíes para ojos
Bistouris pour les yeux



Fig. 1
01-1100-01



Fig. 2
01-1100-02



Fig. 3
01-1100-03



Fig. 4
01-1100-04



Fig. 5
01-1100-05



Fig. 6
01-1100-06



Fig. 7
01-1100-07



Fig. 8
01-1100-08



Fig. 9
01-1100-09



Fig. 10
01-1100-10



Fig. 11
01-1100-11



Fig. 12
01-1100-12

Starmesser
Cataract Knives
Cuchillos para catarata
Couteaux à cataracte



Fig. 0
01-1120-00



Fig. 1
01-1120-01



Fig. 2
01-1120-02



Fig. 3
01-1120-03



Fig. 4
01-1120-04



Fig. 5
01-1120-05

1/1

Graefe

چاقوی چشمی

Augenmesser

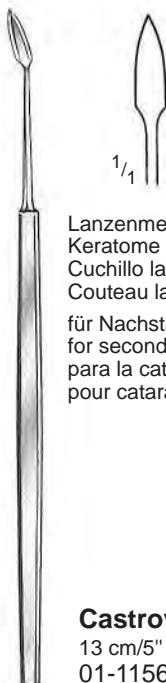
Eye Knives

Bisturíes para ojos

Bistouris pour les yeux



01

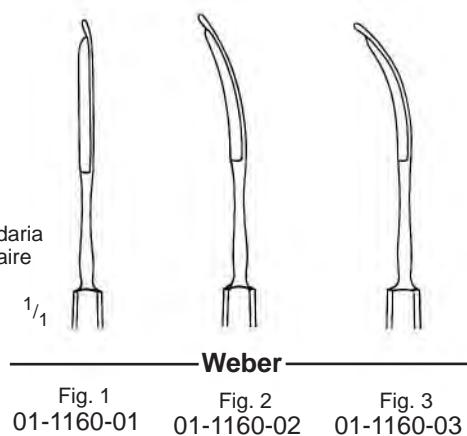


Lanzenmesser
Keratome
Cuchillo lancéolar
Couteau lanceolaire
für Nachstar
for secondary cataract
para la catarata secundaria
pour cataracte secondaire

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

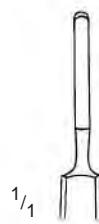


Weber

Fig. 1
01-1160-01

Fig. 2
01-1160-02

Fig. 3
01-1160-03



Took
12 cm/4 $\frac{3}{4}$ "
01-1170-12



Barkan
12 cm/4 $\frac{3}{4}$ "
01-1176-12

Castroviejo
13 cm/5"
01-1156-13

Skarifikateur
Scarifier
Escarificador
Scarificateur

Irismesser
Iris Knives
Cuchillos para iris
Couteaux pour l'iris

Starmesser
Cataract Knife
Cuchillo para catarata
Couteau à cataracte



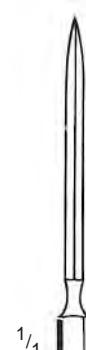
5 mm
Fig. 1
01-1180-05

6 mm
Fig. 2
01-1180-06

7 mm
Fig. 3
01-1180-07

11 cm/4 $\frac{1}{2}$ "
3 $\frac{1}{2}$ mm
01-1182-35

Ziegler



Deutschmann
13 cm/5"
01-1142-35

Klinge beidseitig schneidend
two cutting edges
cortante en ambos lados
à deux tranchants

Graefe
13 cm/5"
01-1158-13

Ziegler
12 cm/4 $\frac{3}{4}$ "

01



چاقوی گوش
Ohrmesser
Ear Knives
Cuchillos auriculares
Couteaux auriculaires

Periostmesser
Perosteal Knife
Cuchillo para el periostio
Couteau pour le périoste

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

Furunkelmesser
Furuncle Knife
Cuchillo para furúnculos
Furonculotome



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



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



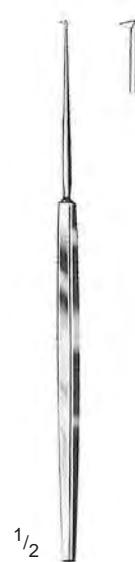
Brühl
15 cm/6"
01-2020-15



Brühl
15 cm/6"
01-2021-15



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



Jacobson
15,5 cm/6 1/4"
01-2030-15



Buck
15 cm/6"
01-2032-15

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

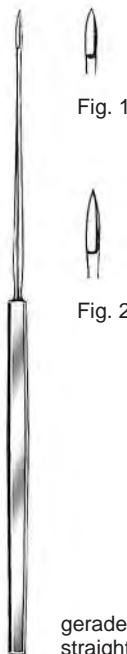


Fig. 1



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

انواع چاقو و سوزن گوش

Ohrmesser und -nadeln

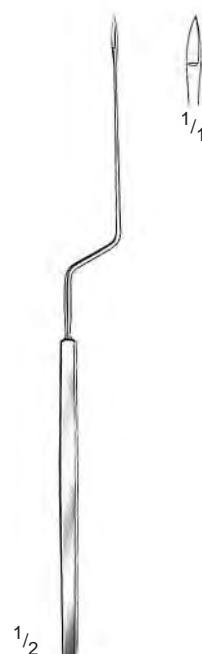
Ear Knives and Needles

Cuchillos y agujas auriculares

Couteaux et aiguilles auriculaires

Univer®

01



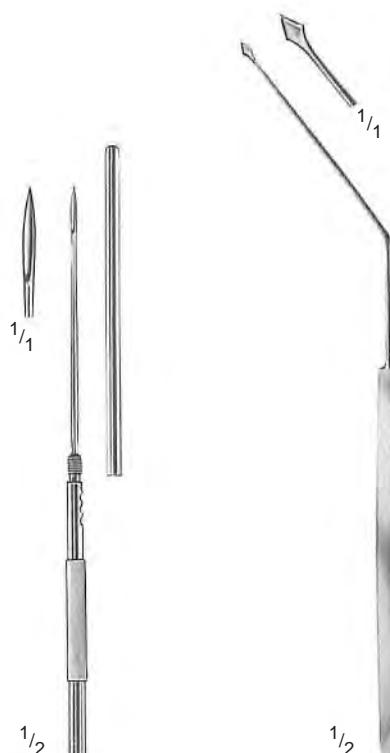
Gerzog-Sexton
17 cm/6 $\frac{3}{4}$ "
01-2056-17



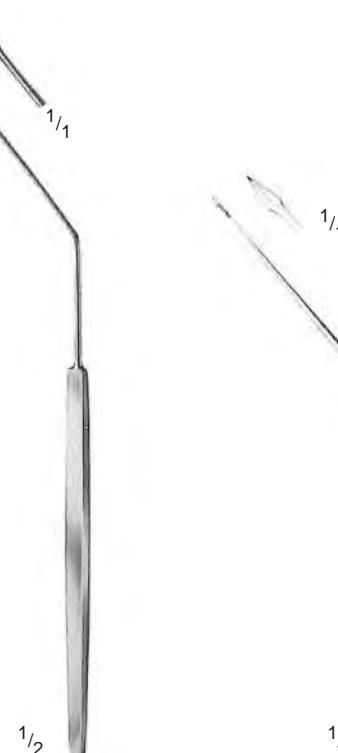
Politzer
01-2060-16

Gerzog
01-2062-16

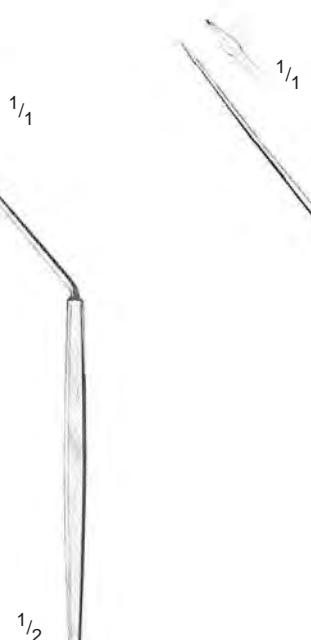
Buck
01-2064-16



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

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

01



انواع چاقو و سوزن گوش

Ohrmesser und -nadeln

Ear Knives and Needles

Cuchillos y agujas auriculares

Couteaux et aiguilles auriculaires



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



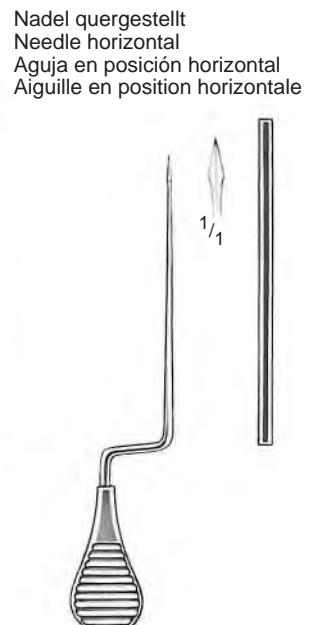
Lucae
16 cm/6 1/4"
01-2127-16



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



Bayer
10 cm/4"
01-2135-10



Bayer
10 cm/4"
01-2137-10



Royce
01-2151-01



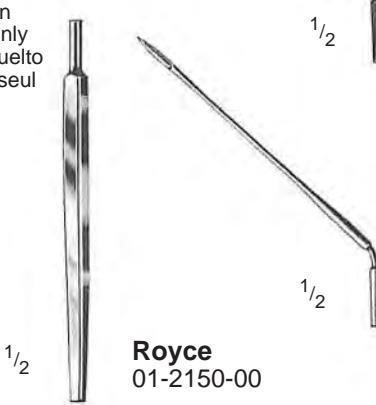
Royce
01-2151-02



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

چاقوی رینوپلاستی

Nasenoperationsmesser

Rhinoplastic Knives

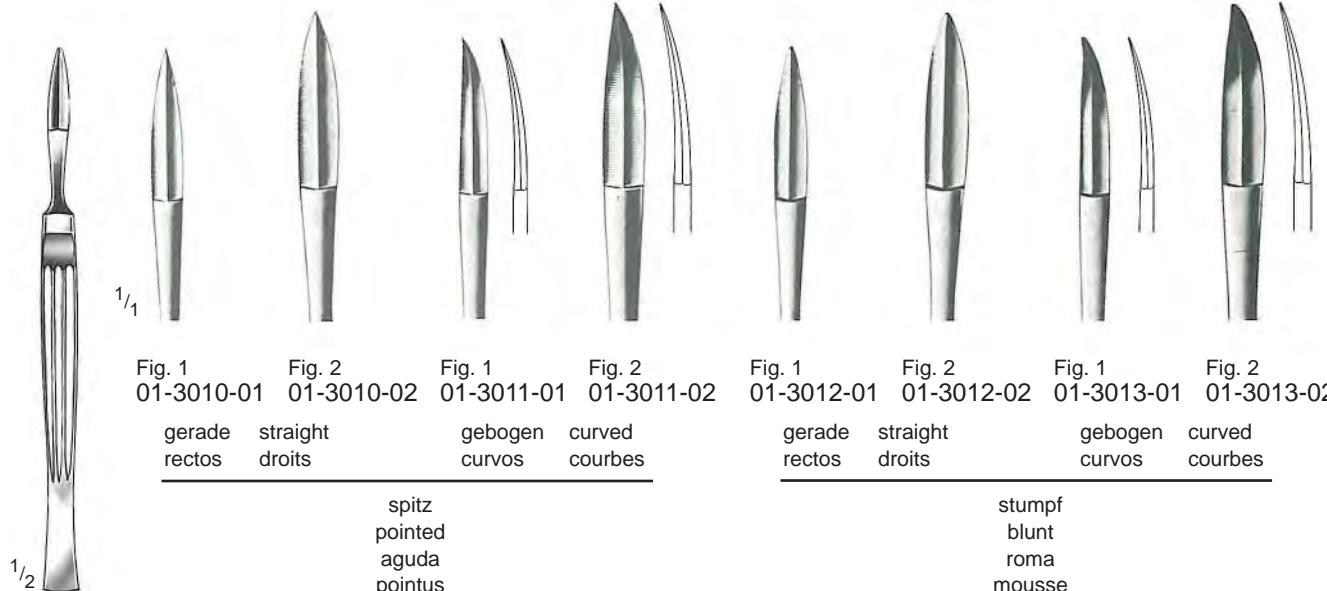
Cuchillos para rinoplastía

Couteaux pour rhinoplastie

Univer®

01

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



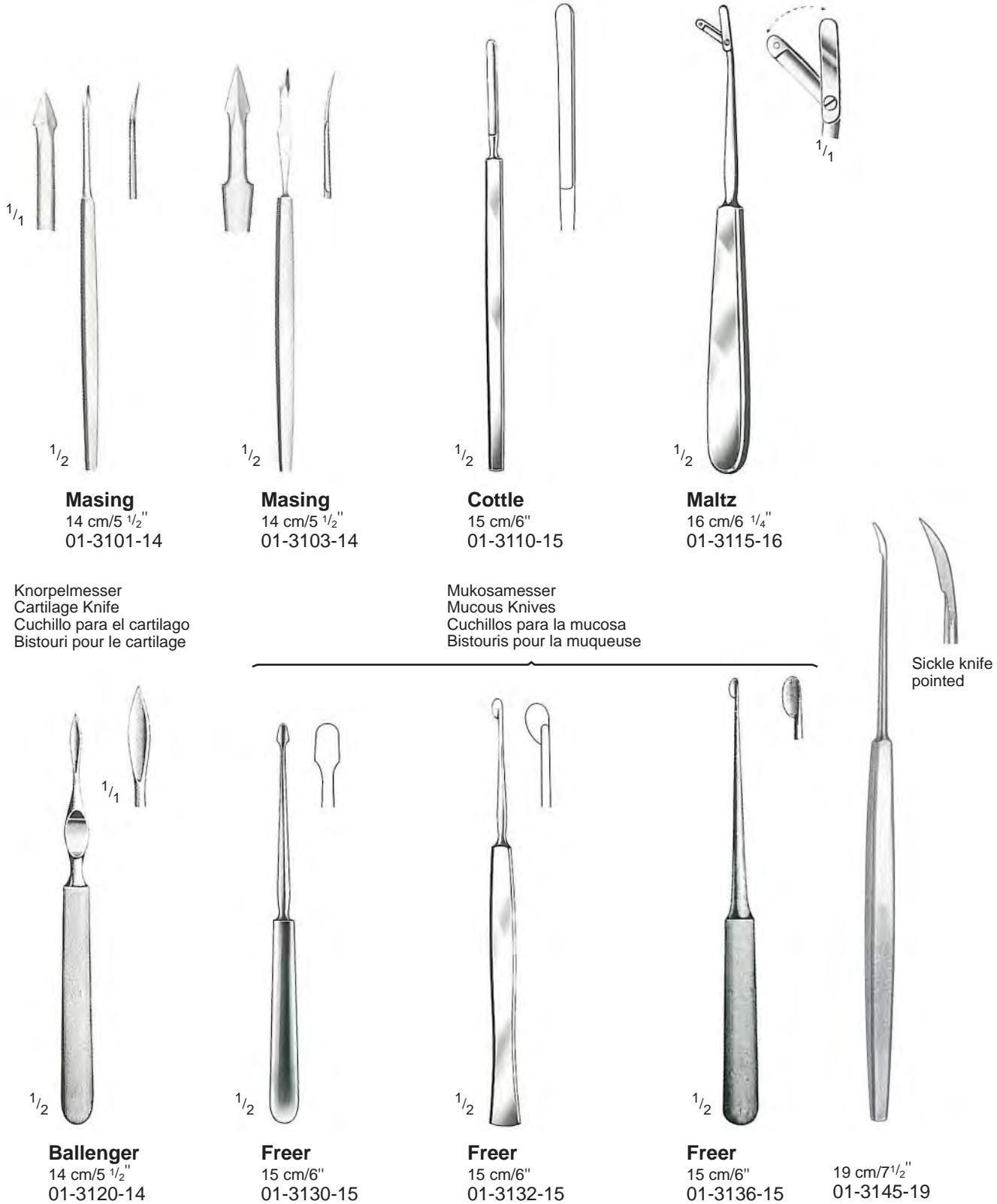
Joseph



01



چاقوی رینوپلاستی
Nasenoperationsmesser
Rhinoplastic Knives
Cuchillos para rinoplastía
Couteaux pour rhinoplastie



چاقوی سپتوم

Septum Messer

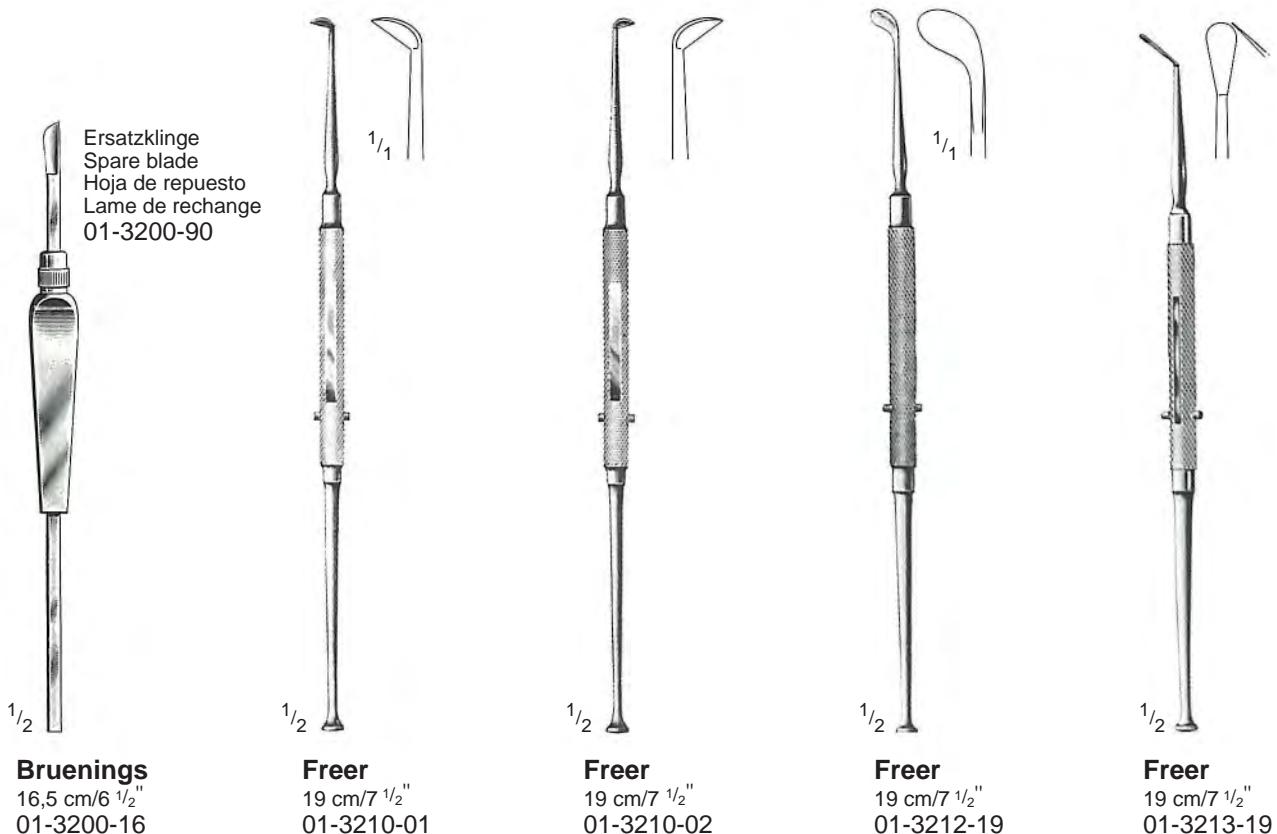
Septum Knives

Bisturíes para el tabique nasal

Bistouris pour la cloison nasale



01



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

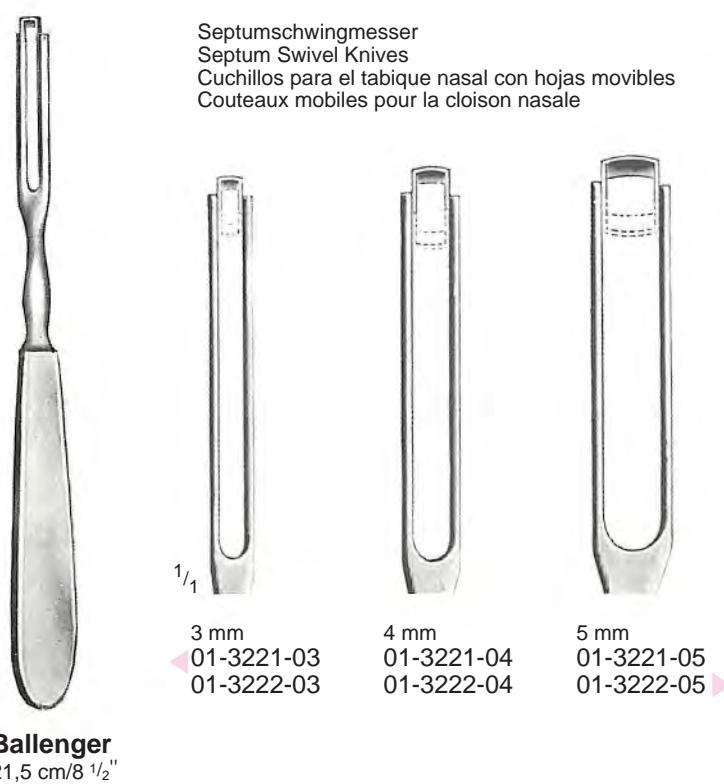
Bruenings
16,5 cm/6 1/2"
01-3200-16

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

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

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

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



Ballenger
21,5 cm/8 1/2"

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"

01



چاقوی لوزه

Tonsillenmesser

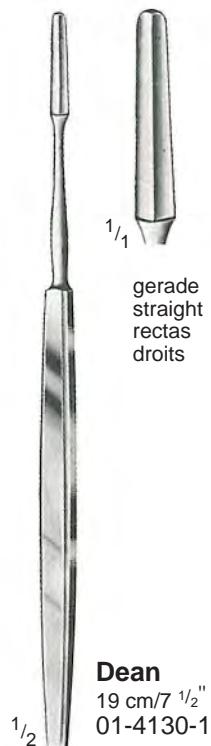
Tonsil Knives

Bisturíes para amígdalas

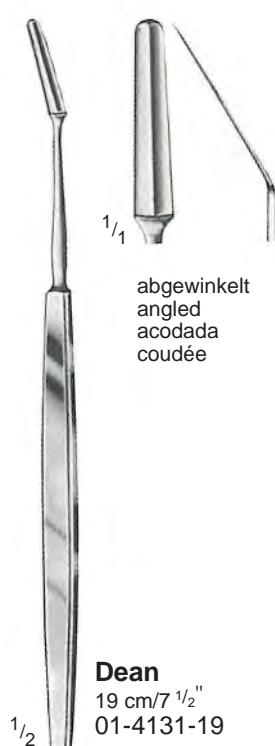
Bistouris pour amygdales



Canfield
21 cm/8 1/4"
01-4100-21



Dean
19 cm/7 1/2"
01-4130-19



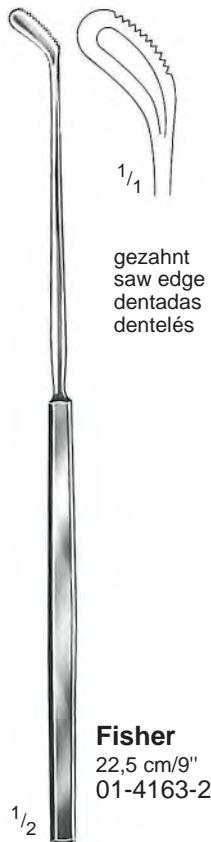
Dean
19 cm/7 1/2"
01-4131-19



Bruenings
23 cm/9"
01-4150-23



Abraham
21 cm/8 1/4"
01-4156-21



Fisher
22,5 cm/9"
01-4163-22



Tyding
21 cm/8 1/4"
01-4171-21



Day
21,5 cm/8 1/2"
01-4175-21

چاقوی عصب - دورا

Dura- und Trigeminusmesser

Dura- and Trigeminal Knives

Bisturíes para dura-madre y nervio trigemino

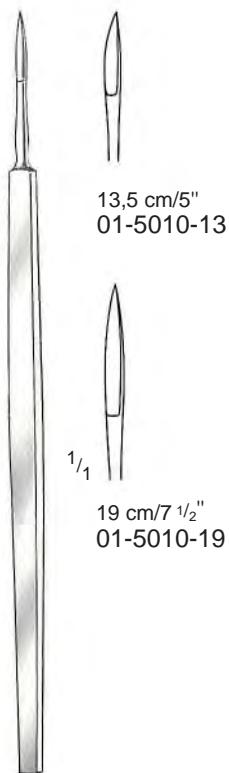
Bistouris à dure-mère et pour neurotomie rétrogassérienne



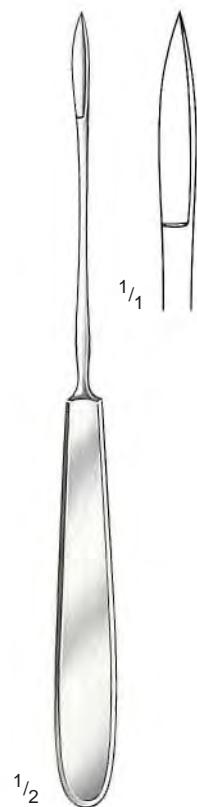
01

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

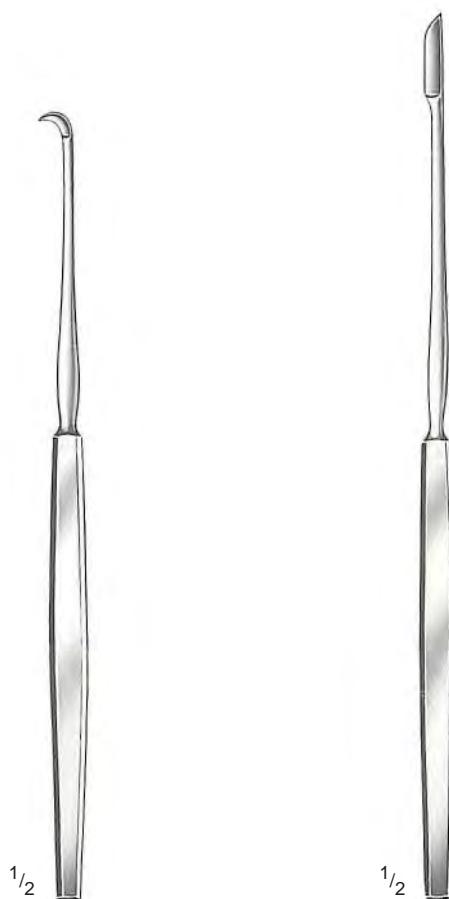
Trigeminusmesser
Trigeminal knives
Bisturíes para nervio trigémino
Bistouris pour neurotomie rétrogassérienne



Tönnis



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



Olivecrona
20 cm/8"
01-5031-20

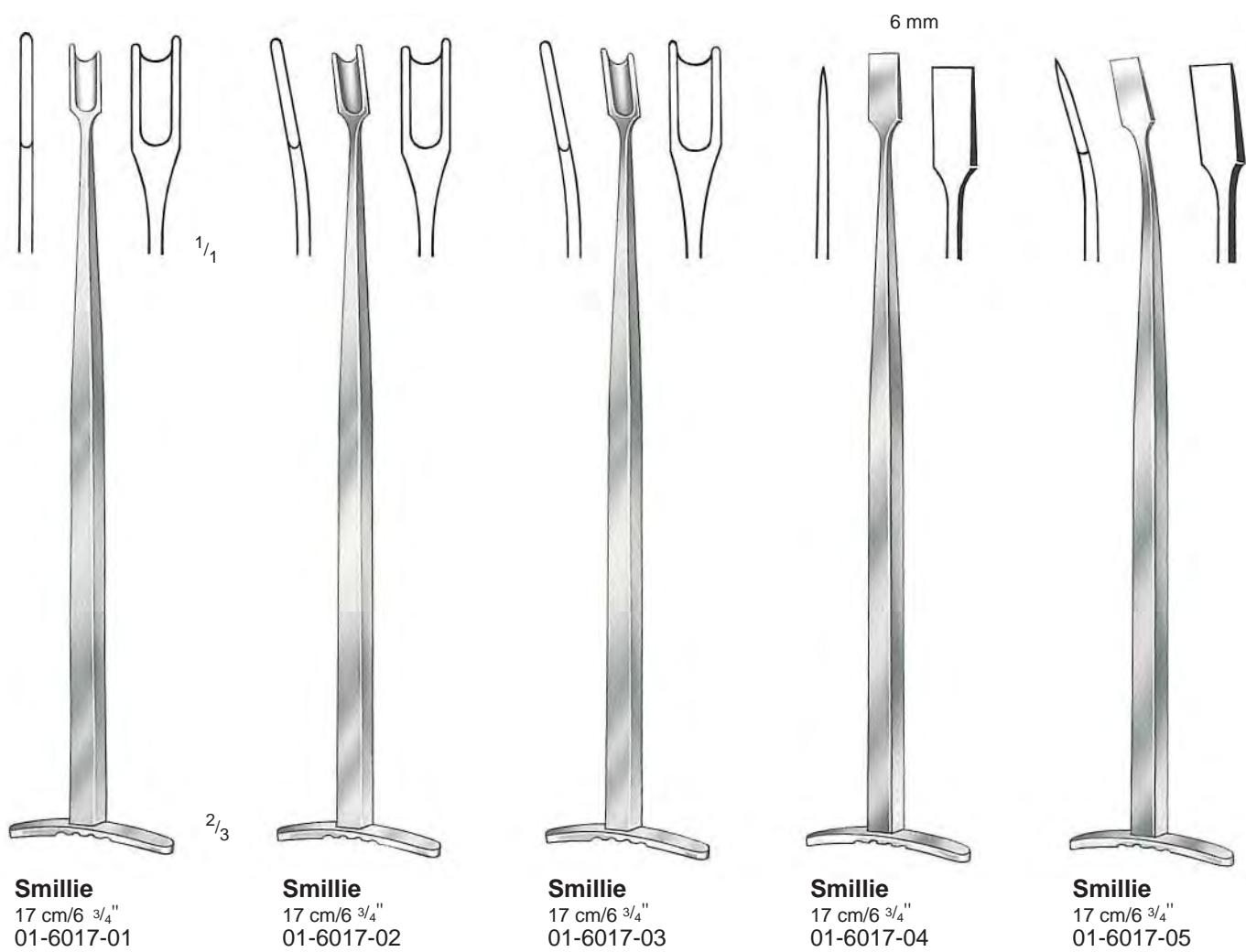


Olivecrona
23 cm/9"
01-5040-23

01



چاقوی منیسک
Meniskusmesser
Meniscotomes
Meniscótomas
Méniscotomes



چاقوی منیسک

Meniskusmesser

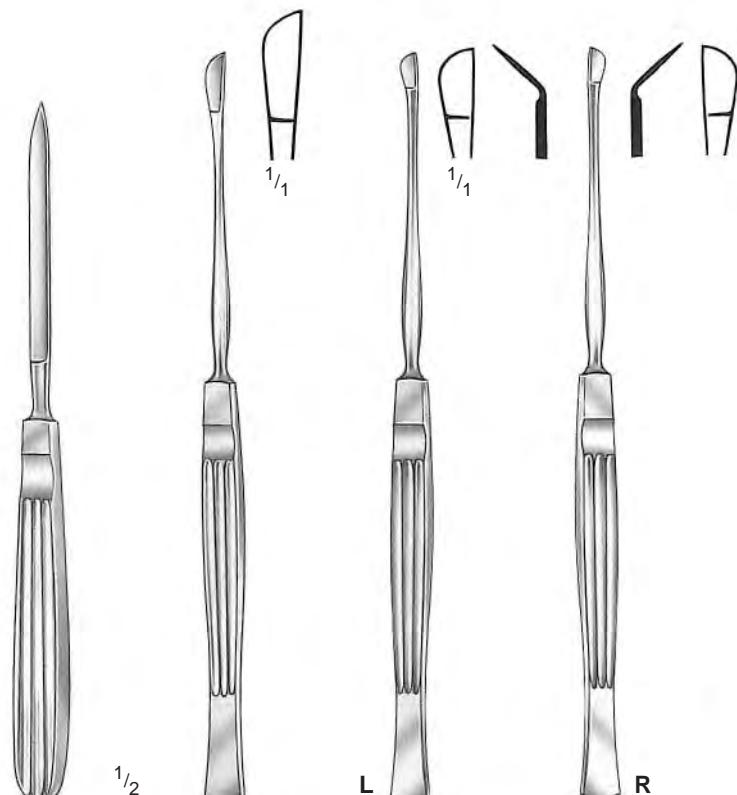
Meniscotomes

Meniscótomas

Méniscotomes



01



DePalma style

18 cm/7"
01-6178-18

Downing (Semi-Lunar Cartilage)

22 cm/8 3/4"
01-6172-01 01-6172-02 01-6172-03



18 cm/7"
01-6045-18

Bircher
20 cm/8"
01-6139-02

Bircher
20 cm/8"
01-6139-05

01



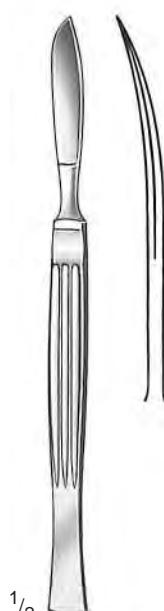
چاقوی منیسک
Meniskusmesser
Meniscotomes
Meniscótomas
Méniscotomes



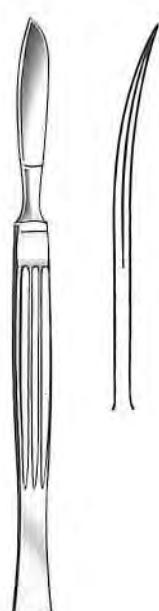
18 cm/7"
01-6078-01



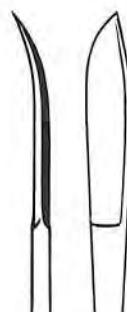
18 cm/7"
01-6078-02



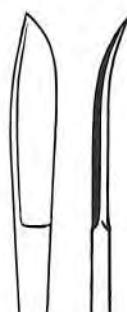
16 cm/6 3/4"
01-6086-01



16 cm/6 3/4"
01-6086-02



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

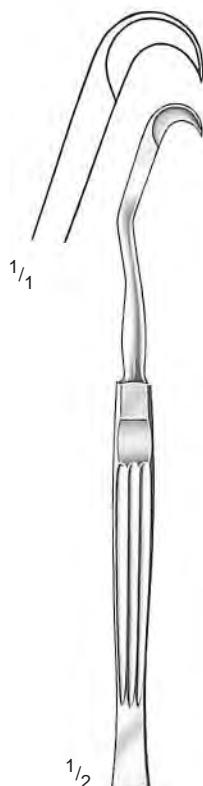


01-6122-02
rechts gebogen
curved to the right
curvo a la derecha
courbure à droite



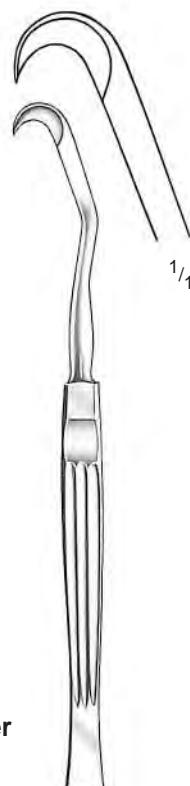
Neff
22 cm/8 3/4"

1/2



1/2

Mendler
18 cm/7"



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

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



انواع قیچی
Scheren
Scissors
Tijeras
Ciseaux

02

Univer - Made in IRAN

02



قیچی جراحی

Chirurgische Scheren
Operating Scissors
Tijeras para cirugía
Ciseaux chirurgicaux

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

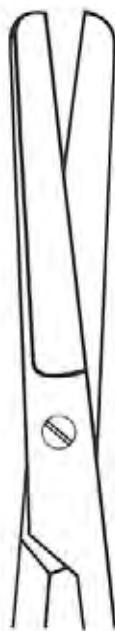


Fig.1



Fig.2



Fig.3

02-0110-11	02-0120-11	02-0130-11
02-0110-13	02-0120-13	02-0130-13
02-0110-14	02-0120-14	02-0130-14
02-0110-16	02-0120-16	02-0130-16
02-0110-18	02-0120-18	02-0130-18
02-0110-20	02-0120-20	02-0130-20

gebogen
curved
curvas
courbes

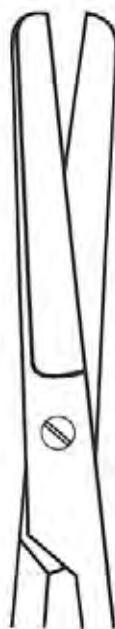


Fig. 1

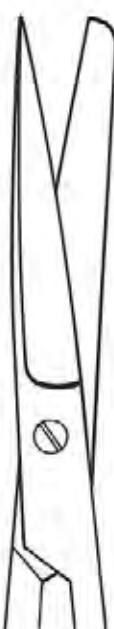


Fig. 2

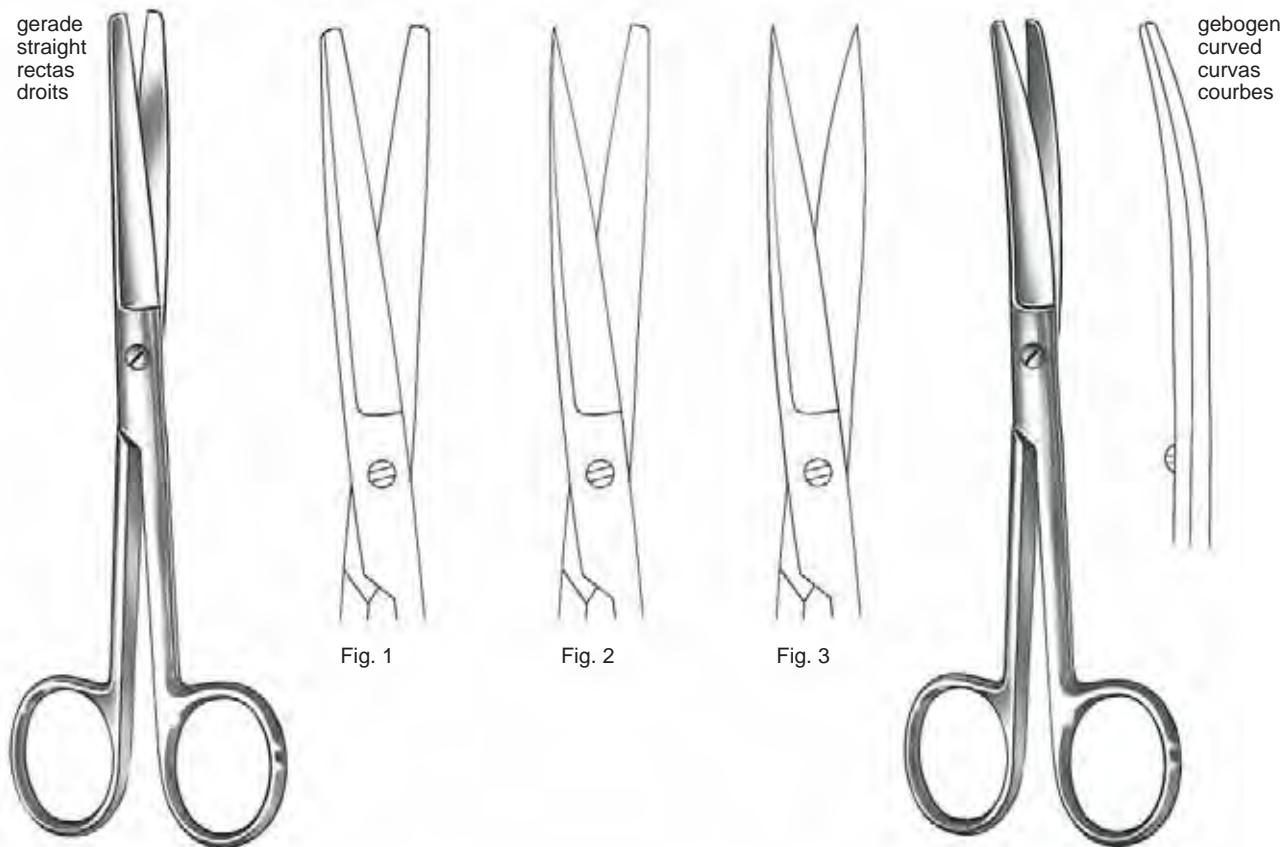


Fig. 3

cm	inch.	02-0111-11	02-0121-11	02-0131-11
11,5	4 1/2	02-0111-13	02-0121-13	02-0131-13
13	5	02-0111-14	02-0121-14	02-0131-14
14,5	5 3/4	02-0111-16	02-0121-16	02-0131-16
16,5	6 1/2	02-0111-18	02-0121-18	02-0131-18
18,5	7 1/4	02-0111-20	02-0121-20	02-0131-20

قیچی جراحی ظریف

Feine chirurgische Scheren
Fine Surgical Scissors
Tijeras finas para cirugía
Ciseaux fins chirurgicaux



Grazil
02-0141-##

	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

Grazil
02-0151-##

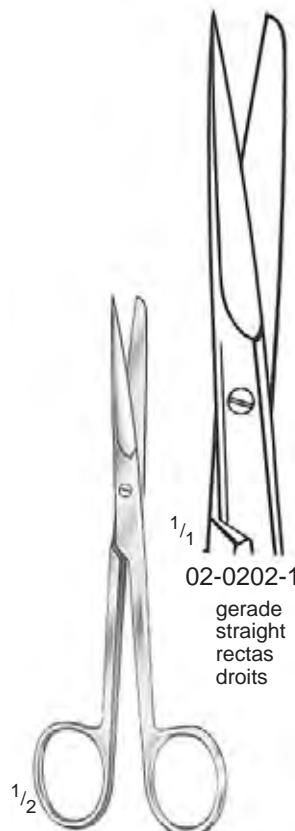
	cm	inch.	
Fig.1	13	5	02-0151-13
	14,5	5 3/4	02-0151-14
Fig.2	13	5	02-0152-13
	14,5	5 3/4	02-0152-14
Fig.3	13	5	02-0153-13
	14,5	5 3/4	02-0153-14

02

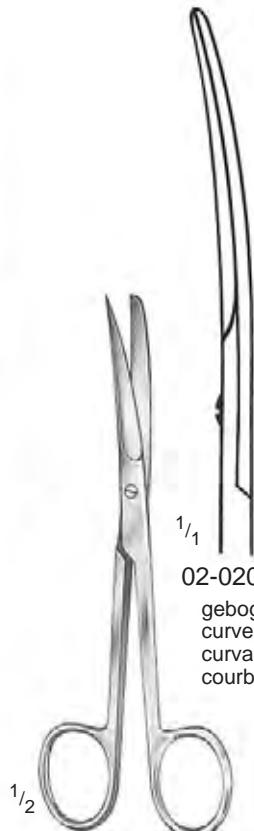


قیچی جراحی طریف

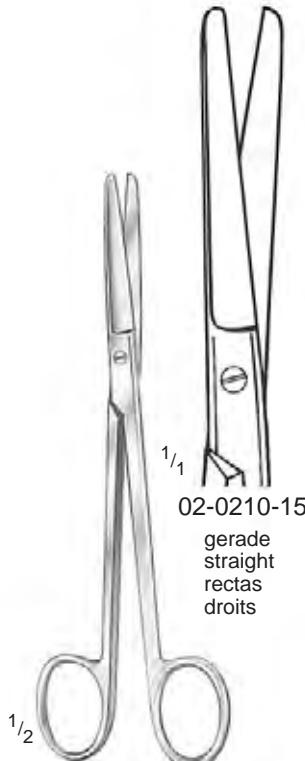
Feine chirurgische Scheren
Fine Surgical Scissors
Tijeras finas para cirugía
Ciseaux fins chirurgicaux



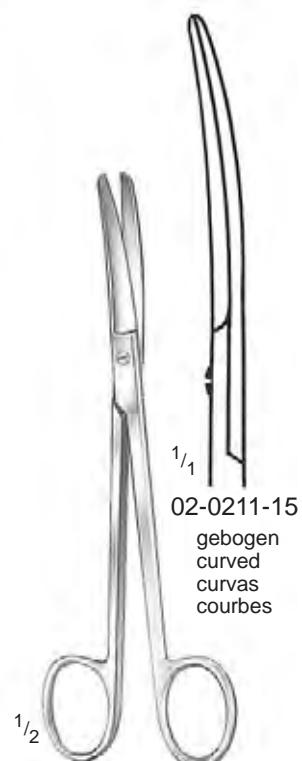
Deaver
14,5 cm/5 1/2"



Deaver
14,5 cm/5 1/2"



Mixter
15,5 cm/6"

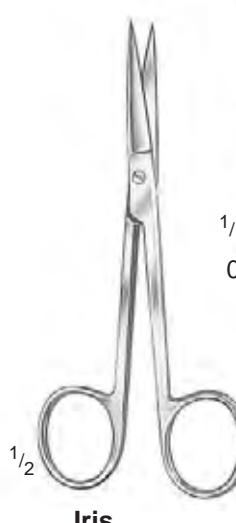


Mixter
15,5 cm/6"

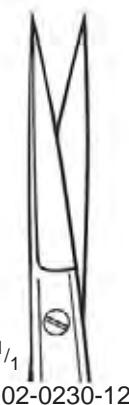
Inzisionsschere
Incision Scissors
Tijera para incisión
Ciseaux à incision



02-0220-##



Iris
12,5 cm/4 3/4"



gerade
straight
rectas
droits

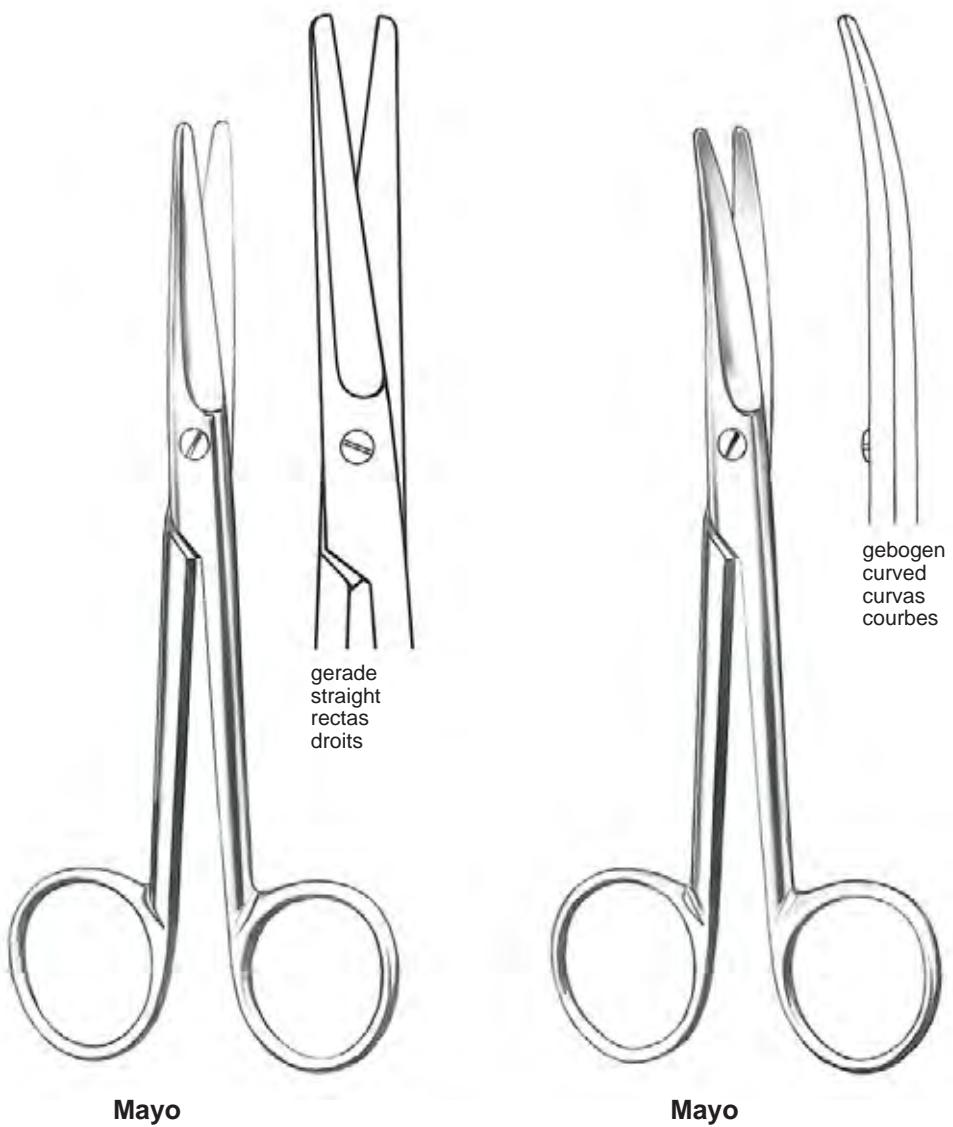


gebogen
curved
curvas
courbes



kniegebogen
angular
acodadas
coudés

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



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



قیچی جراحی و تشریح

Chirurgische Scheren und Präparierscheren

Surgical and Dissecting Scissors

Tijeras para cirugía y preparaciones

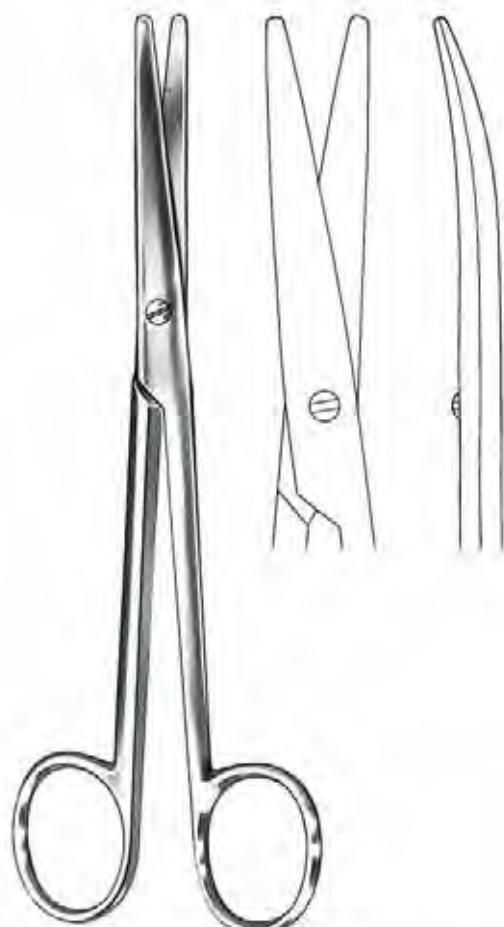
Ciseaux chirurgicaux et ciseaux à dissection



	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

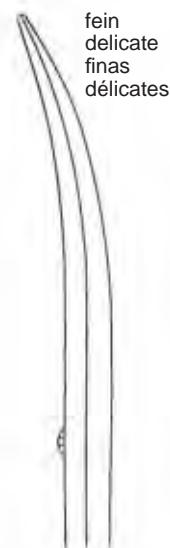
قیچی تشریج

Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissection



Mayo-Lexer

cm	inch.	gerade straight rectas droits	gebogen curved curvas courbes	02-0330-16	02-0331-16
16	6 1/4				02-0333-16
21	8 1/4			02-0330-21	02-0331-21

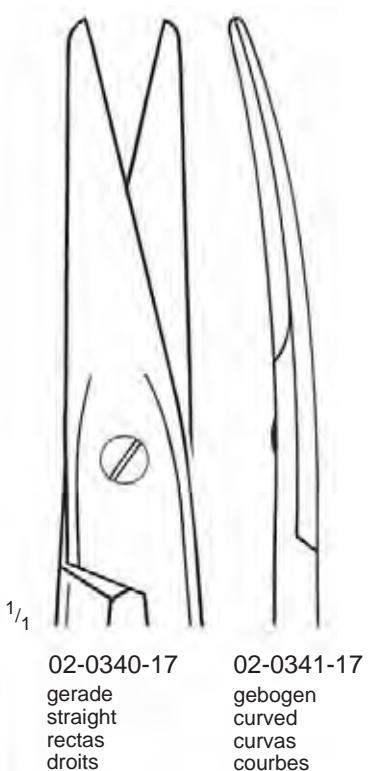


fein
delicate
finas
délicates



Mayo-Noble

17 cm/6 3/4"



02-0340-17

gerade
straight
rectas
droits

02-0341-17

gebogen
curved
curvas
courbes

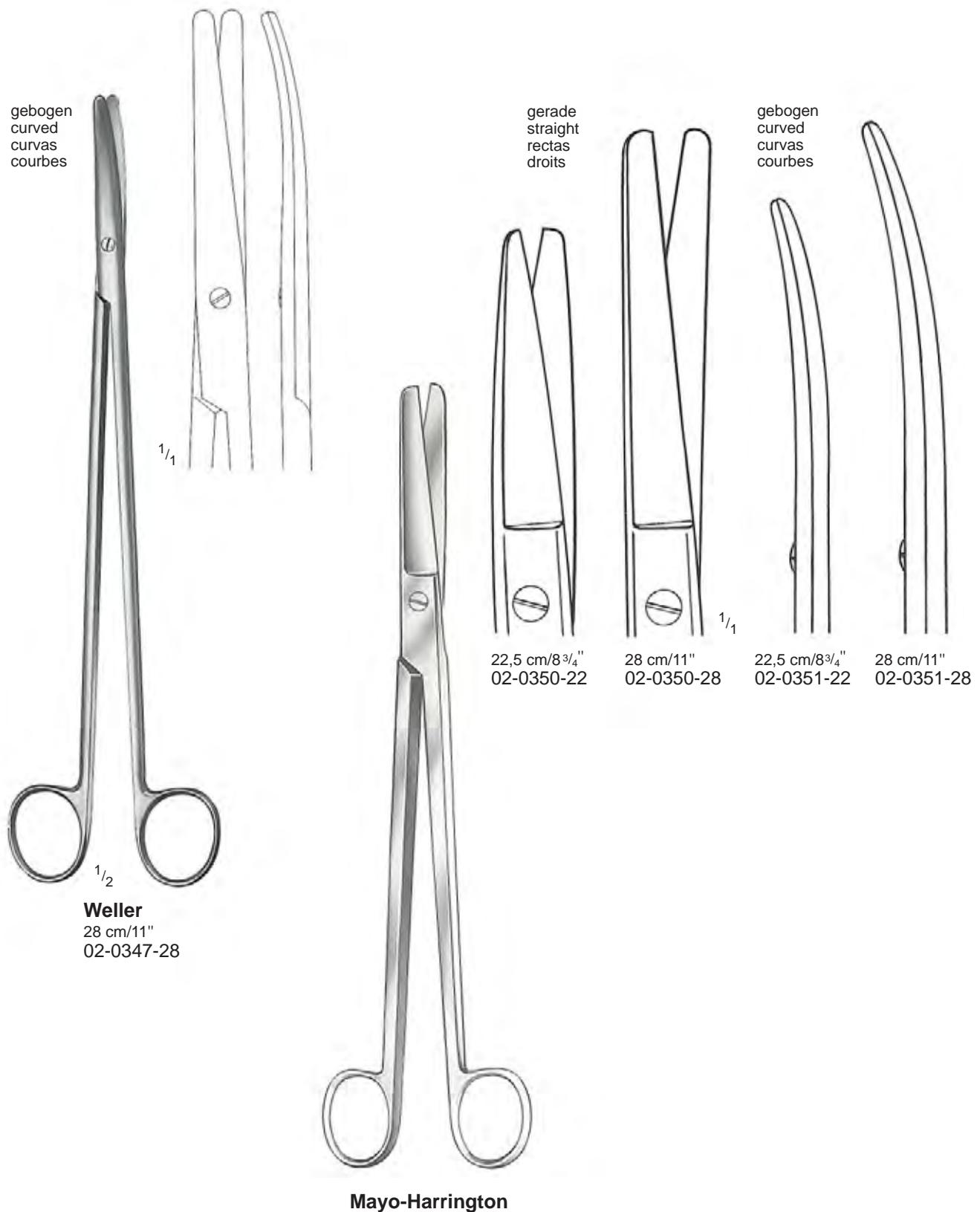
قیچی جراحی و تشریح

Chirurgische Scheren und Präparierscheren

Surgical and Dissecting Scissors

Tijeras para cirugía y preparaciones

Ciseaux chirurgicaux et ciseaux à dissection



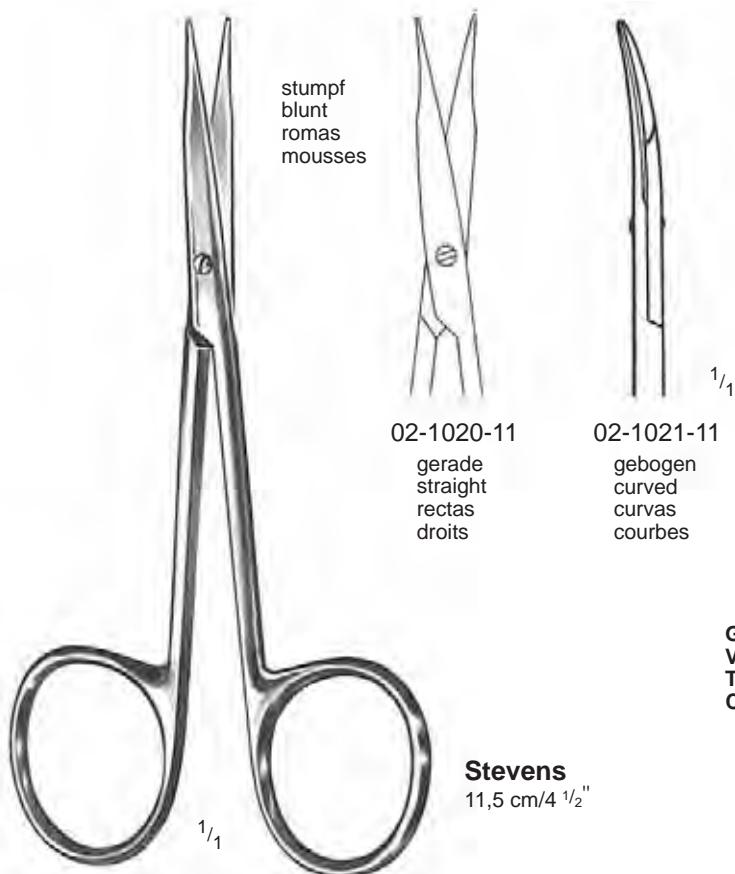
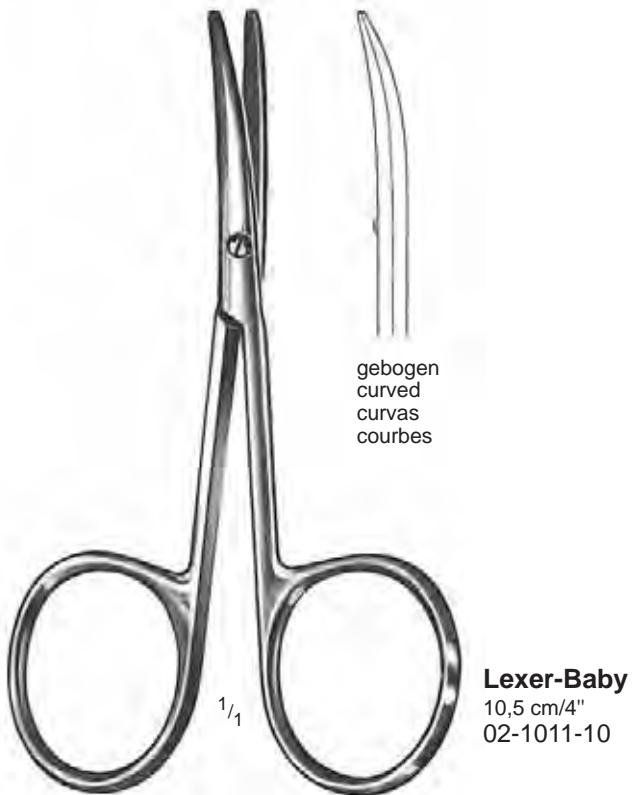
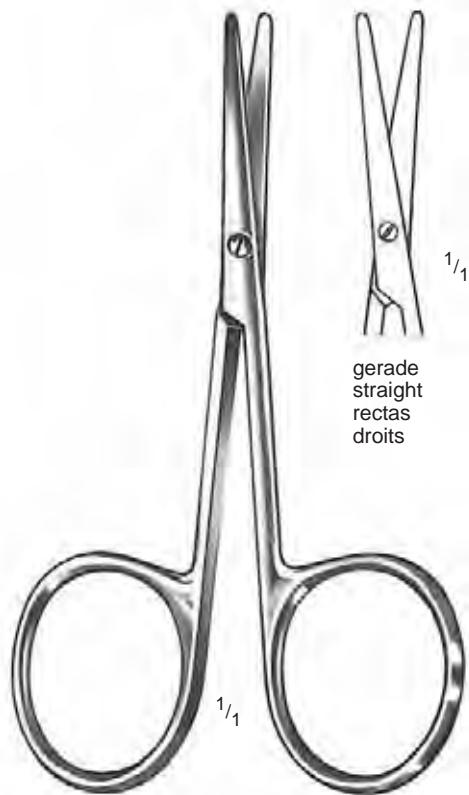
قىچى جراحى ظريف

Feine Präparierscheren

Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection



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



أنواع قيچی طریف

Feine Scheren, flache Branchen, extra große Ringe

Delicate Scissors, flat shanks, extra large rings

Tijeras finas, ramas llanas, anillos grandes

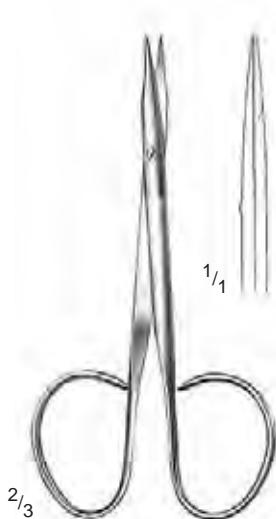
Ciseaux fins, branches plats, anneaux extra larges

Gefäß- und Sehnenscheren

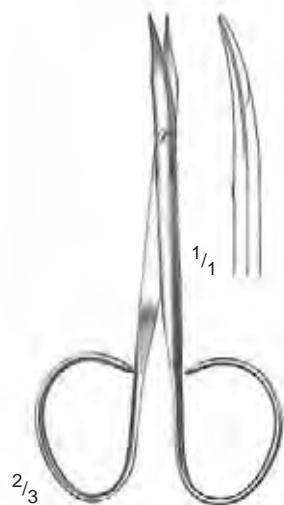
Vessel and Tendon Scissors

Tijeras para vasos y tendones

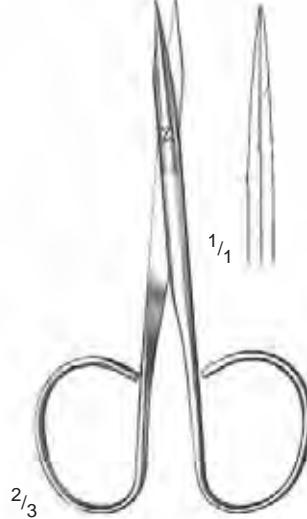
Ciseaux pour vaisseaux et tendons



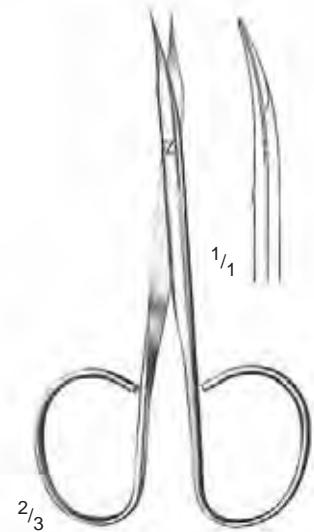
Stevens
9,5 cm/3 3/4"
02-1024-09



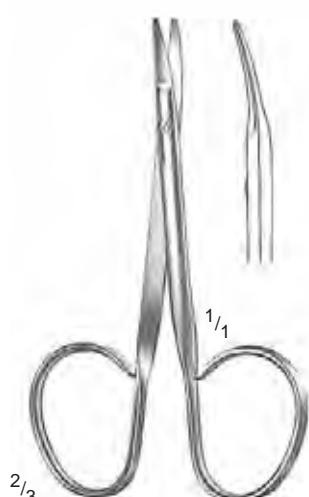
Stevens
9,5 cm/3 3/4"
02-1025-09



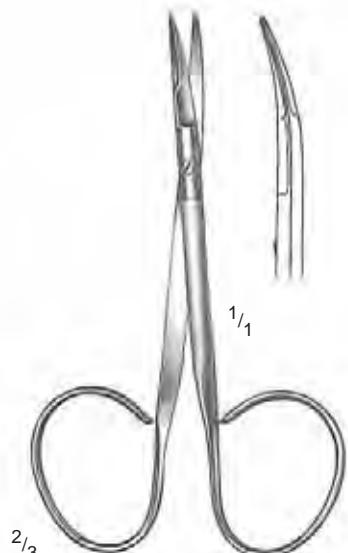
Stevens (Walton)
10 cm/4"
02-1026-10



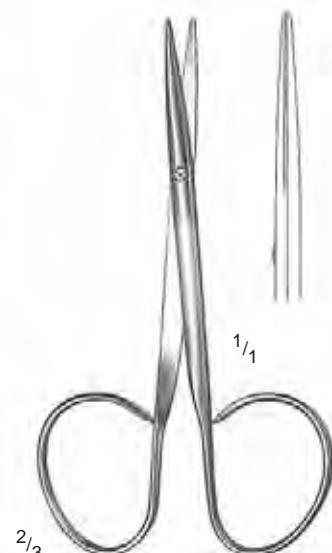
Stevens (Walton)
10 cm/4"
02-1027-10

Unterminierschere
Undermining Scissors
Tijeras para tunelización
Ciseaux à tunnelisationFeine Präparierscheren
Fine Dissecting Scissors
Tijeras finas para preparaciones
Ciseaux fins à dissection

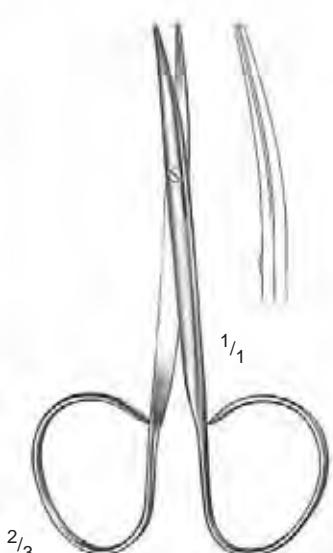
Ragnell
9,5 cm/3 3/4"
02-1028-29



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

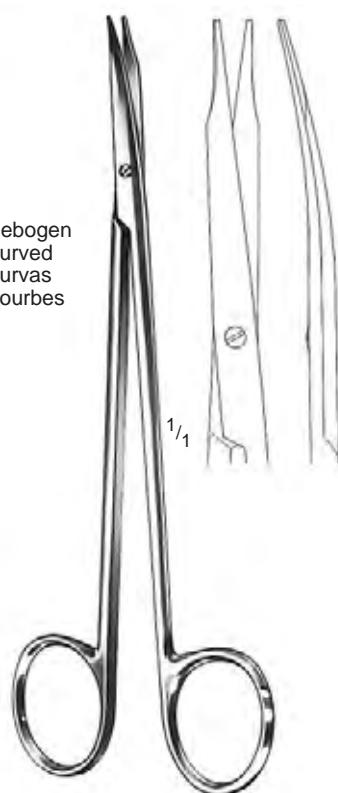
قیچی جراحی ظریف

Feine Präparierscheren

Fine Dissecting Scissors

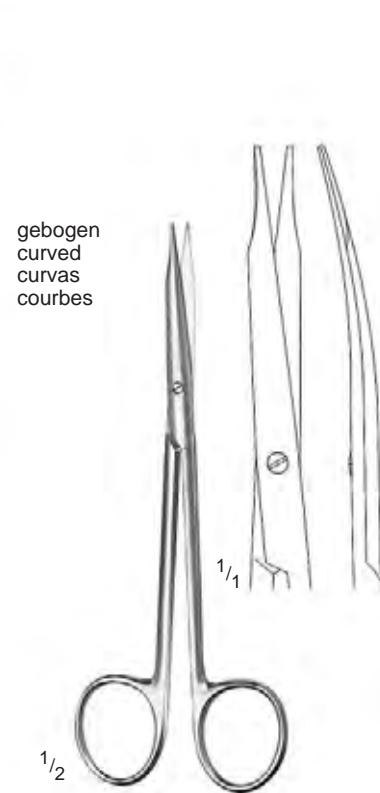
Tijeras finas para preparaciones

Ciseaux fins à dissection



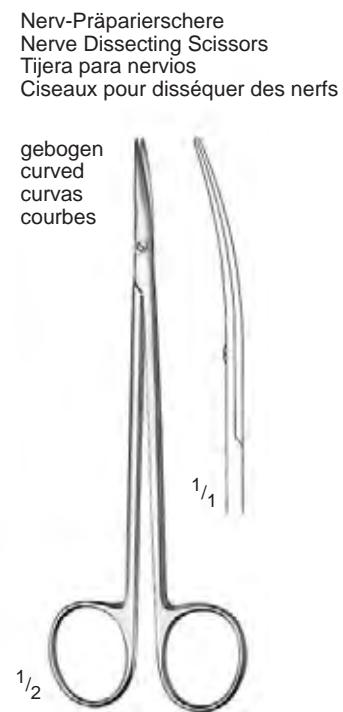
Reynolds

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



Jamison

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



15 cm/6"
02-1049-15

02



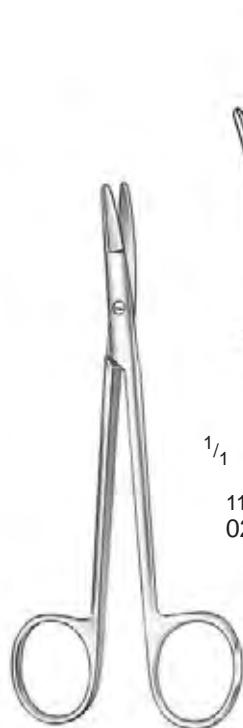
قیچی جراحی ظریف

Feine Präparierscheren

Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection

11,5 cm/4 1/2"
02-1061-11gebogen
curved
curvas
courbes14,5 cm/5 1/2"
02-1061-14

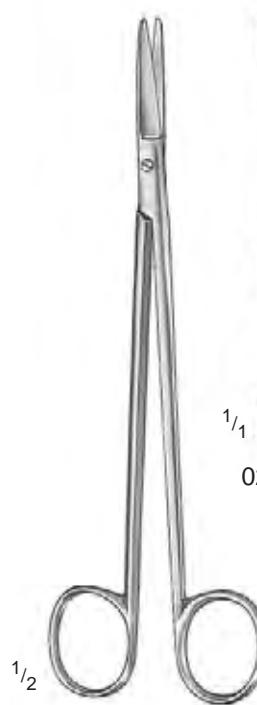
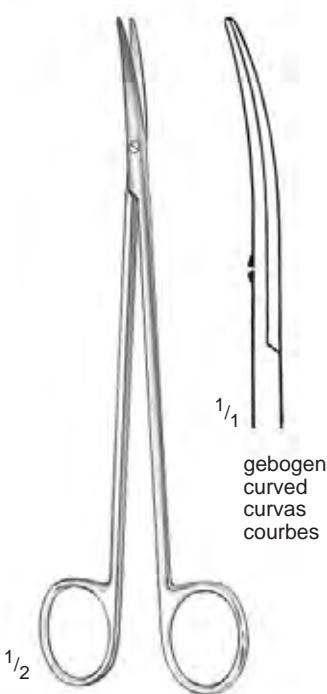
02-1074-14

gerade
straight
rectas
droits02-1075-14
gebogen
curved
curvas
courbes

Kilner

Brophy (Sullivan)

14,5 cm/5 1/2"

02-1080-18
gerade
straight
rectas
droits02-1081-18
gebogen
curved
curvas
courbesTönnis (House)
18 cm/7"gebogen
curved
curvas
courbesTönnis-Adson
17,5 cm/7"
02-1085-18

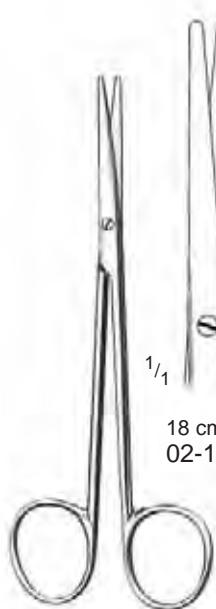
قیچی جراحی ظریف

Feine Präparierscheren

Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection



18 cm/7"
02-1210-18



20 cm/8"
02-1210-20



23 cm/9"
02-1210-23



25 cm/10"
02-1210-25

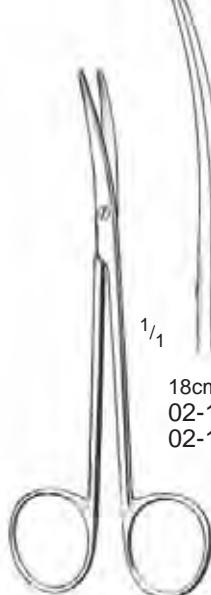


28 cm/11"
02-1210-28

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



Metzenbaum-Fino
02-1210-##



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-##

02



قیچی جراحی ڈریف

Feine Präparierscheren

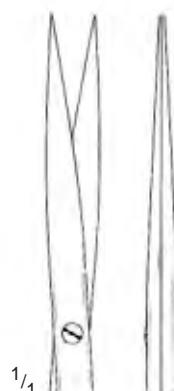
Fine Dissecting Scissors

Tijeras finas para preparaciones

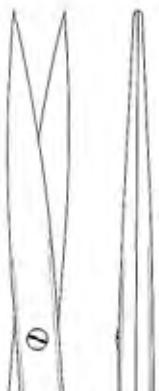
Ciseaux fins à dissection



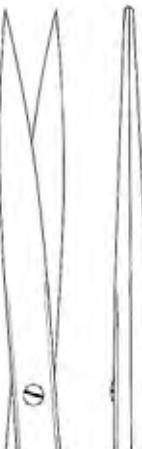
Metzenbaum-Fino
02-1230-##



1/1
18 cm/7"
02-1230-18



20 cm/8"
02-1230-20



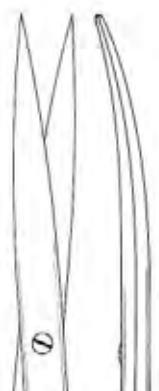
23 cm/9"
02-1230-23



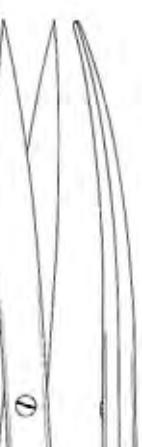
Metzenbaum-Fino
02-1231-##



1/1
18 cm/7"
02-1231-18



20 cm/8"
02-1231-20



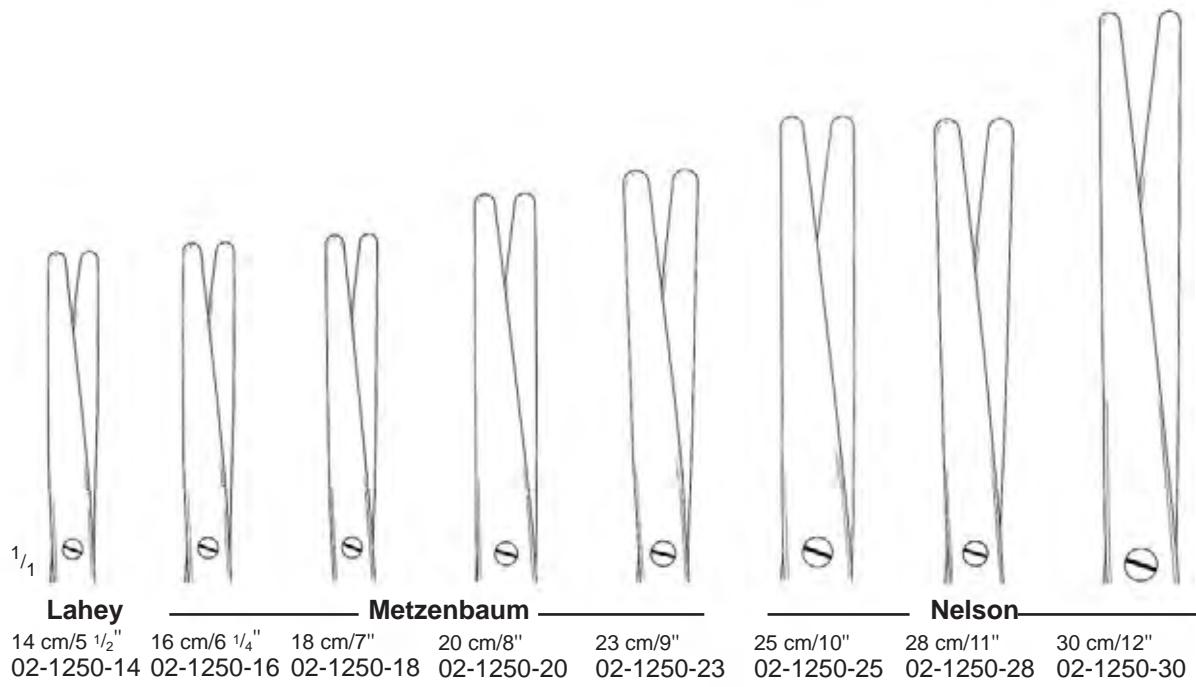
23 cm/9"
02-1231-23

قیچی جراحی

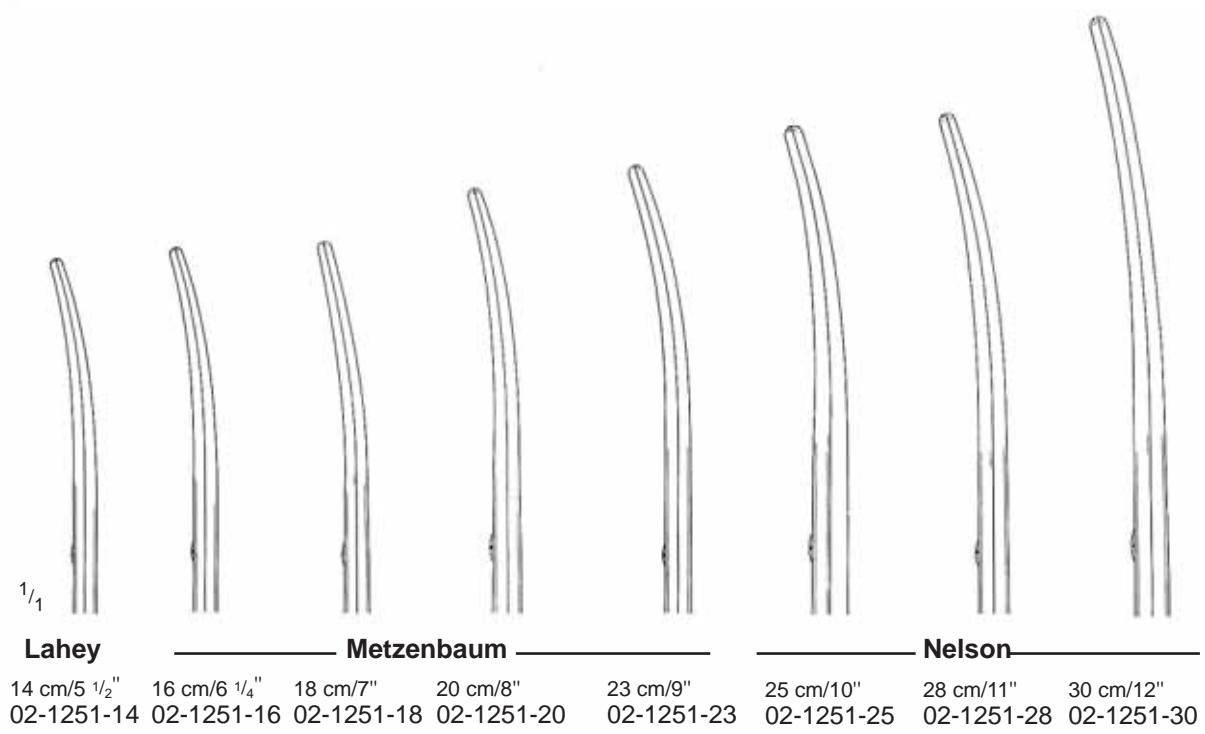
Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissection



02-1250-##



02-1251-##





قیچی جراحی زنان

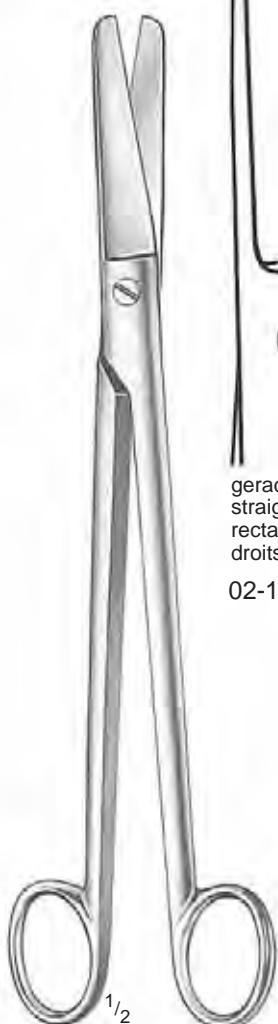
Scheren für Operationen in der Tiefe und für Gynäkologie

Scissors for Deep Operations and for Gynecology

Tijeras para cirugía profunda y para ginecología

Ciseaux pour interventions en profondeur et pour la gynécologie

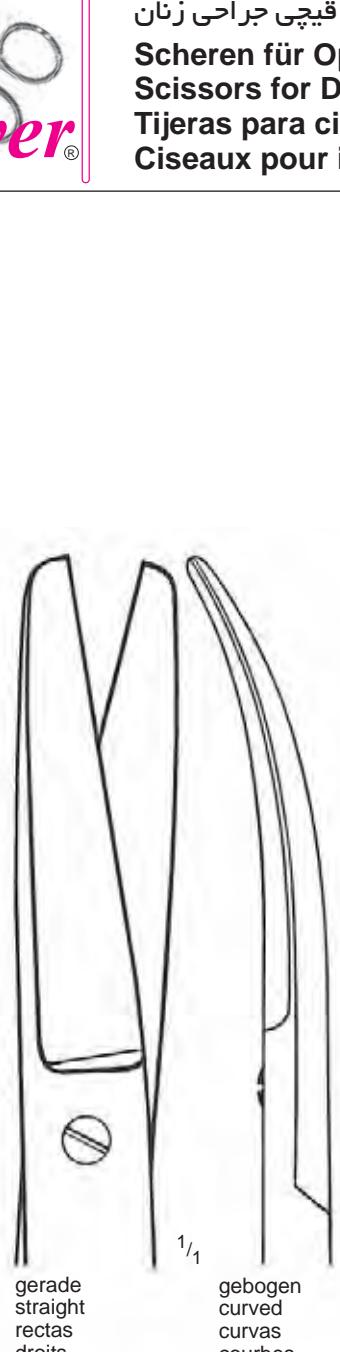
Kephalotom-Schere
Cephalotomy-Scissors
Tijeras para decapitación
Ciseaux à détroncation



gerade
straight
rectas
droits

02-1500-27

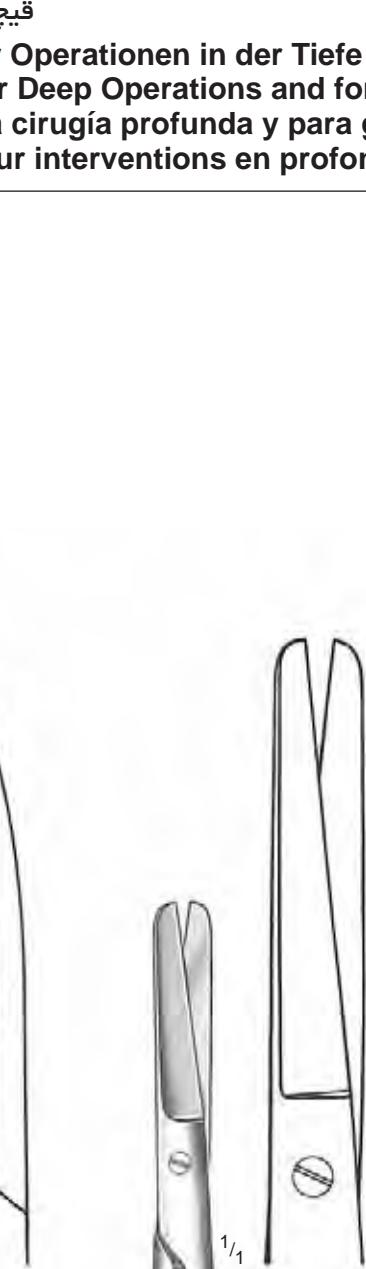
$\frac{1}{2}$



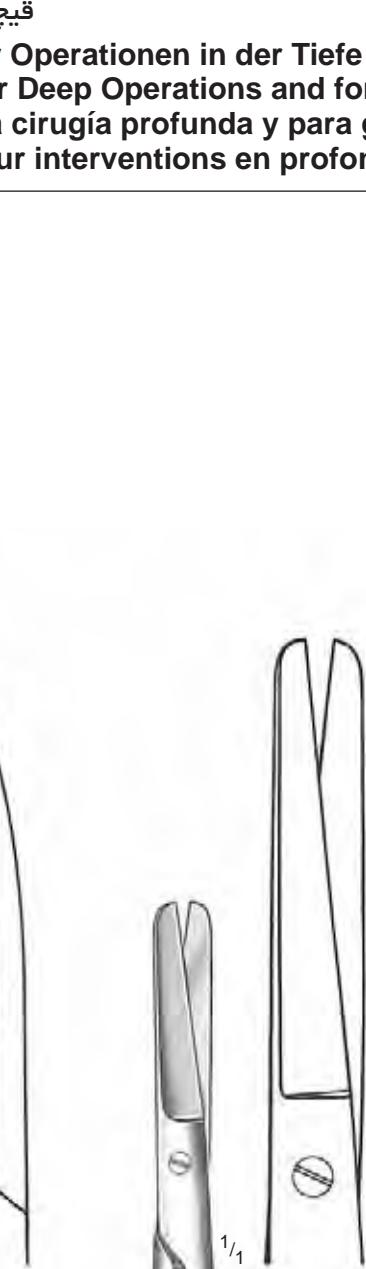
gebogen
curved
curvas
courbes

02-1501-27

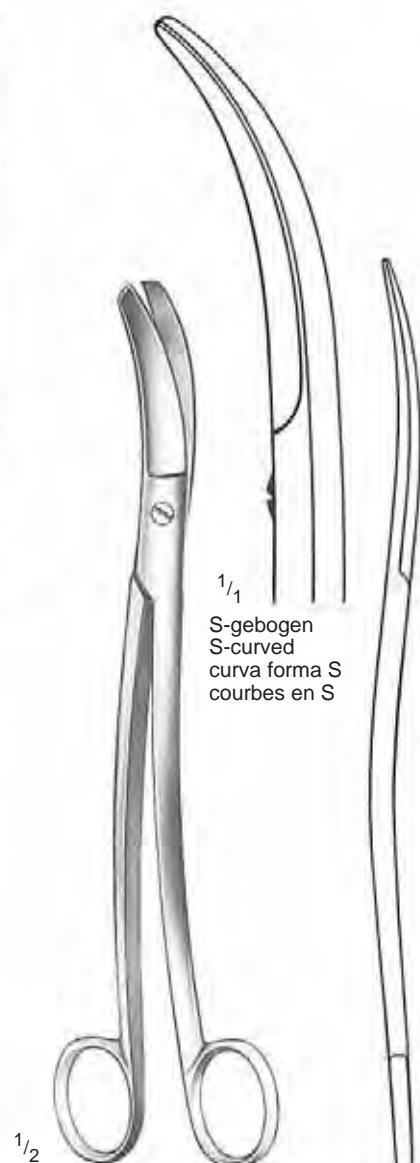
$\frac{1}{2}$



$\frac{1}{1}$



$\frac{1}{1}$



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

$\frac{1}{2}$

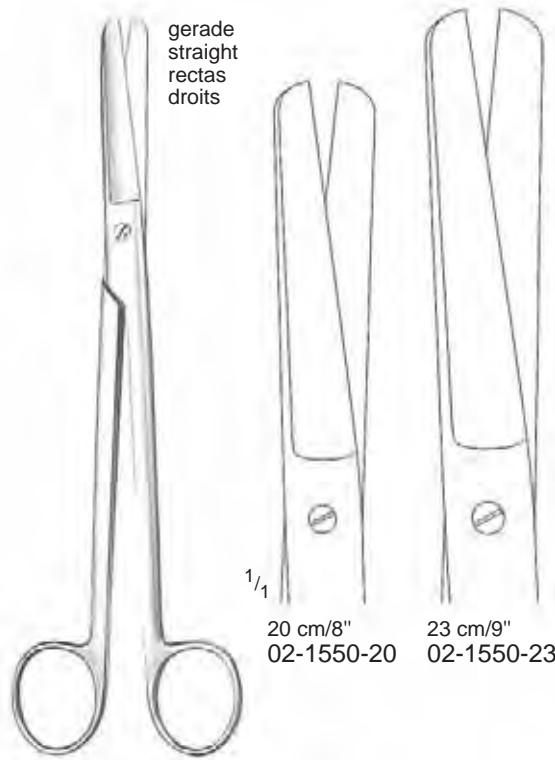
Dubois
27 cm/10 $\frac{1}{2}$ "

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

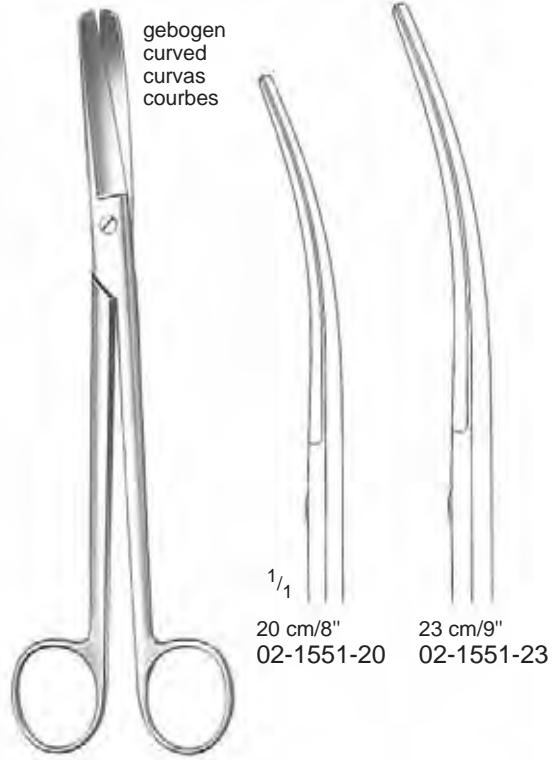
Siebold
24 cm/9 $\frac{1}{2}$ "
02-1531-24

قیچی جراحی زنان

Gynäkologische Scheren
Gynecological Scissors
Tijeras para ginecología
Ciseaux à gynécologie

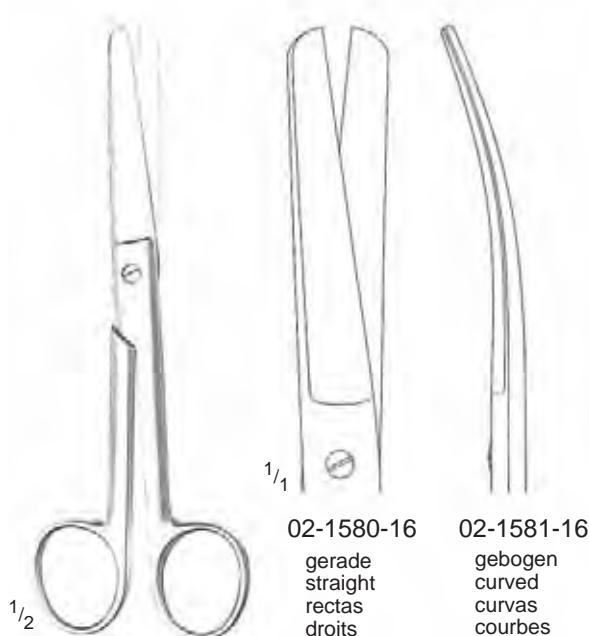


Sims
02-1550-##

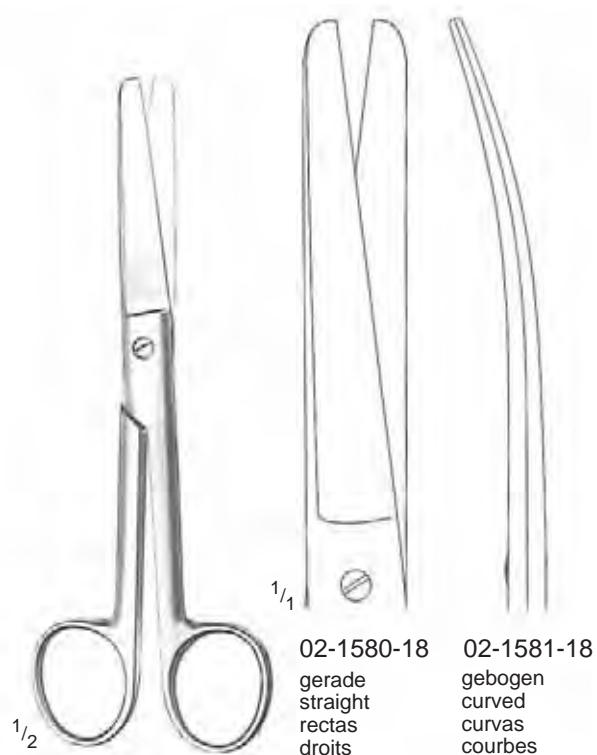


Sims
02-1551-##

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



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



Doyen
18 cm/7"

02



قیچی جراحی زنان
Gynäkologische Scheren
Gynecological Scissors
Tijeras para ginecología
Ciseaux à gynécologie

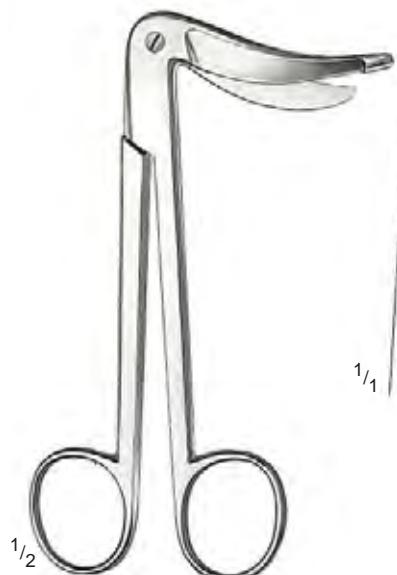
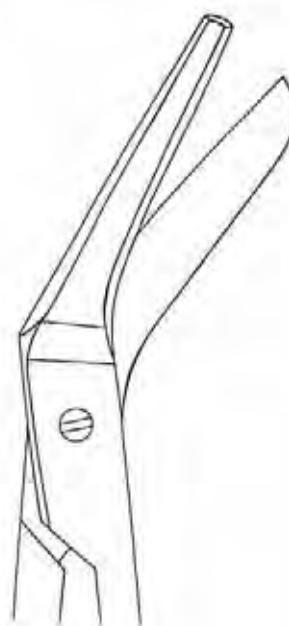
Damm-(Episiotomie-) Scheren
Perineum (Episiotomy) Scissors
Tijeras para perineo (para episiotomia)
Ciseaux à périnée (à épisiotomie)



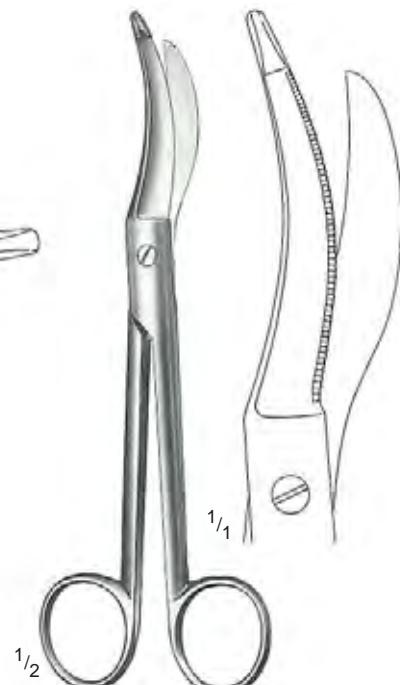
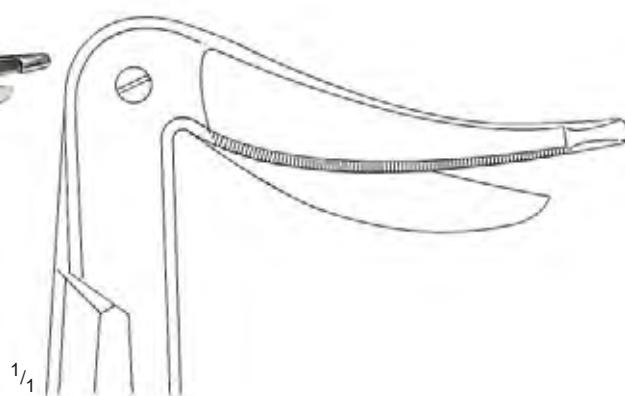
Braun-Stadler
14 cm/5 1/2"
02-1605-14



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

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



Parametrium



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

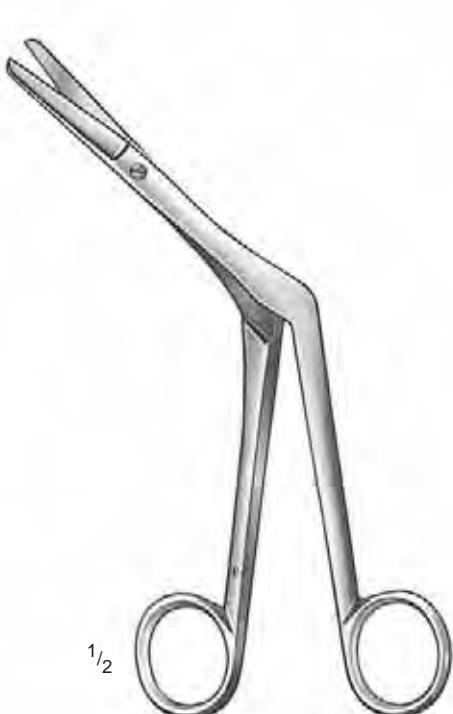


Schumacher
1/4"
16 cm/6
02-1645-16

02



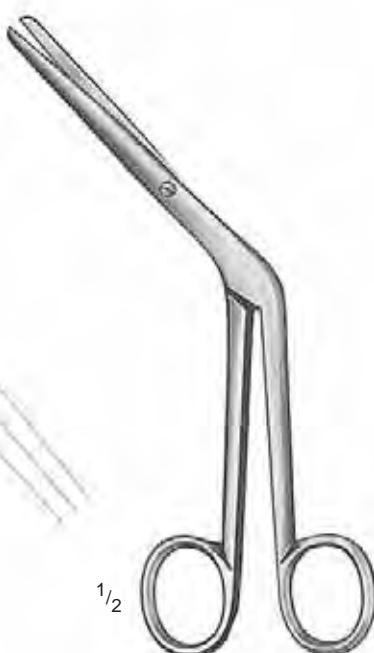
قیچی جراحی بینی
Nasenscheren
Nasal Scissors
Tijeras nasales
Ciseaux nasaux



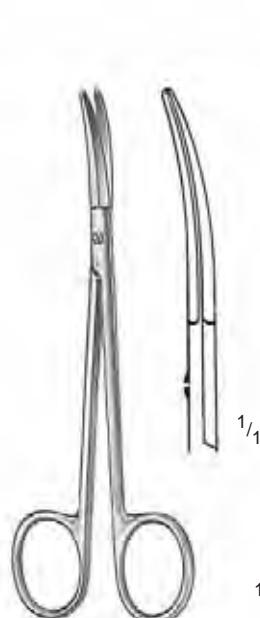
Heymann
18 cm/7"
02-2015-18



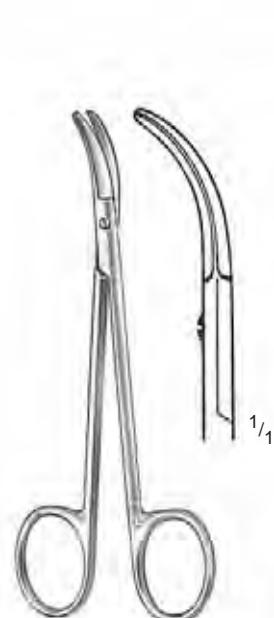
Heymann
18,5 cm/7 1/4"
02-2016-18



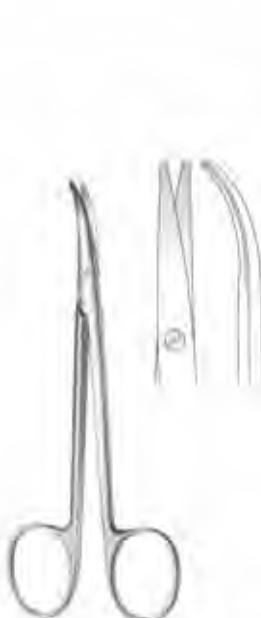
Knight
18 cm/7"
02-2019-18



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

قیچی جراحی بینی

Nasenscheren

Nasal Scissors

Tijeras nasales

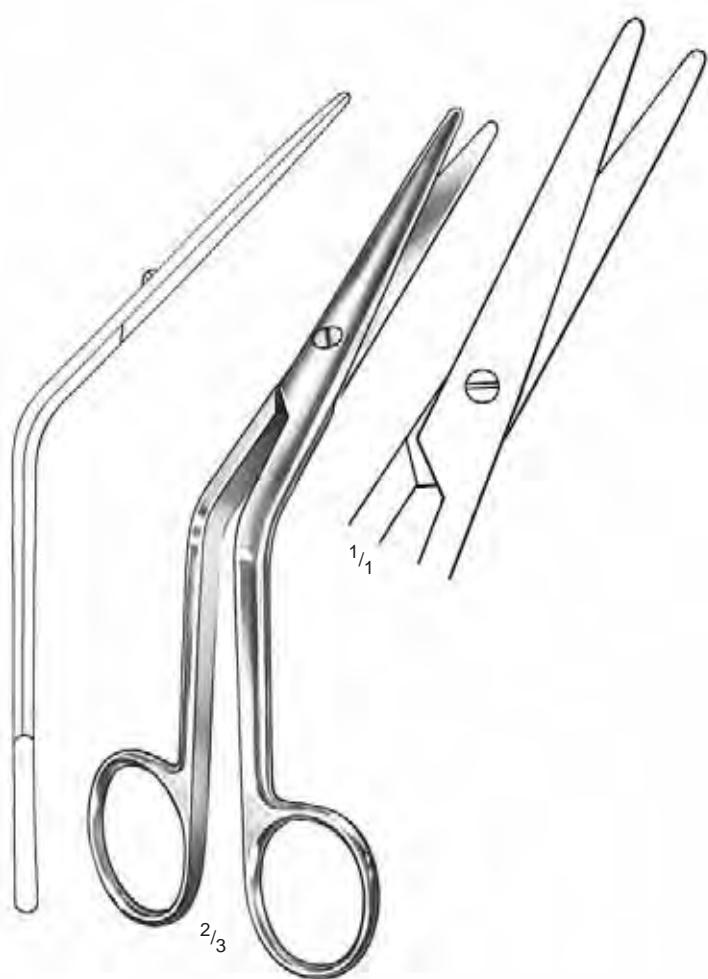
Ciseaux nasaux



Fomon

14,5 cm/5 3/4"

02-2051-14



Cottle

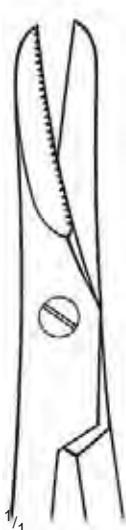
17 cm/6 3/4"

02-2055-17

02



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

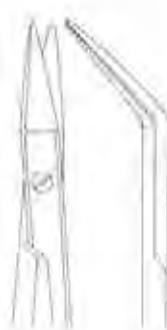
02-2064-20

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

1/1

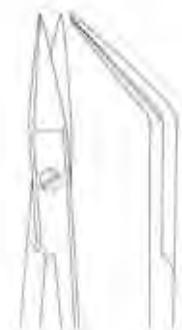


Converse



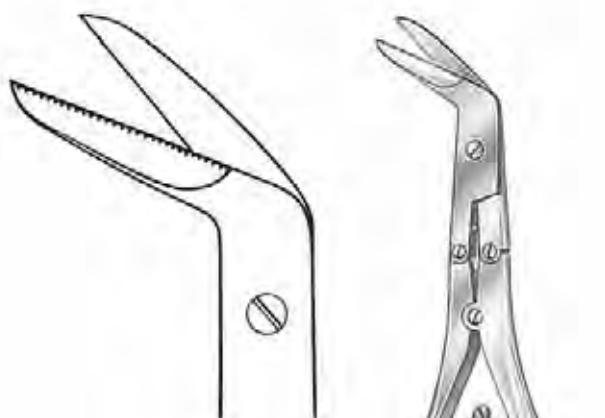
10,5 cm/4 1/4"
02-2065-10

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

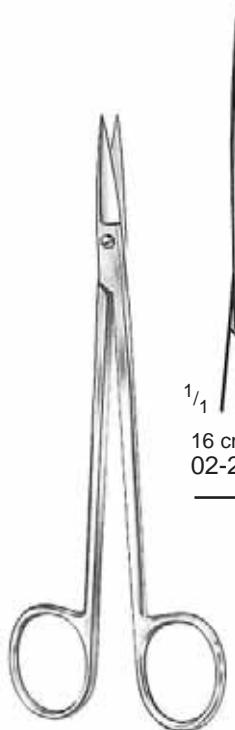
قیچی ظریف

Feine präparierscheren

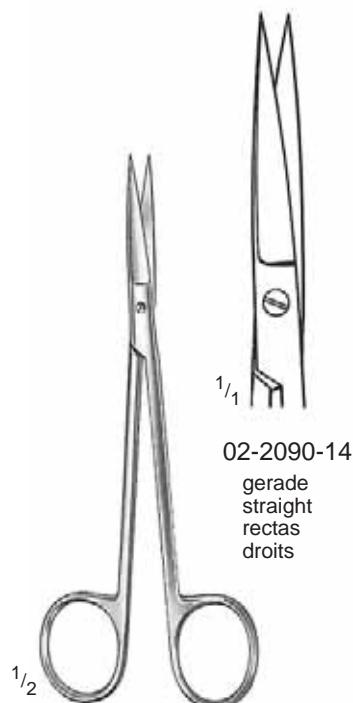
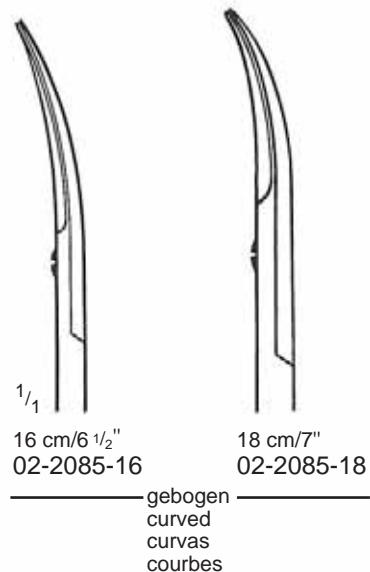
Fine Dissecting Scissors

Tijeras finas para preparaciones

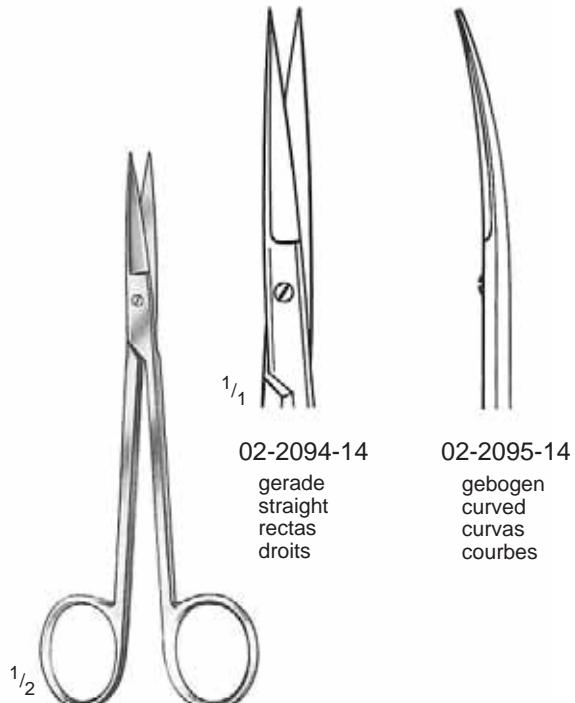
Ciseaux fins à dissection



Kelly



Joseph
14 cm/5 1/2"



Sanvenero
14 cm/5 1/2"

02



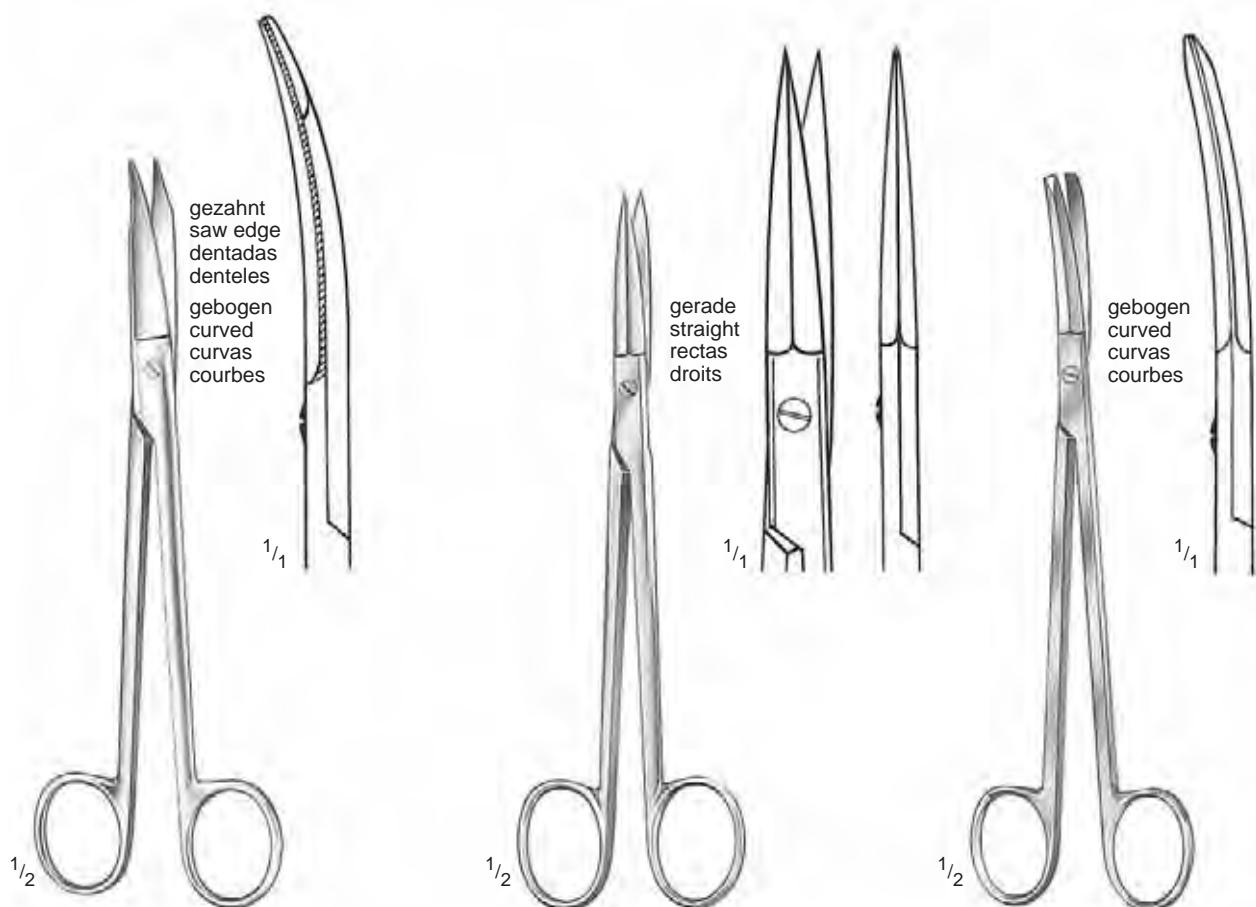
قىچى غضروف

Knorpelscheren

Cartilage Scissors

Tijeras para cartílago

Ciseaux pour cartilage



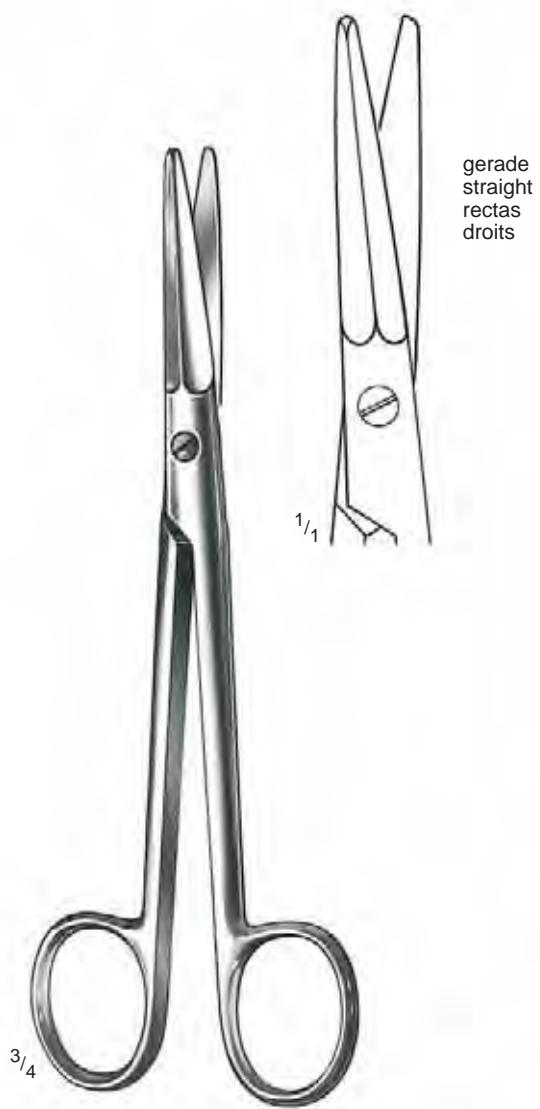
قیچی جراحی پلاستیک

Scheren für plastische Operationen

Plastic Surgery Scissors

Tijeras para operaciones plásticas

Ciseaux pour opérations plastiques



Rees (Face Lifting)
17 cm/6 3/4"
02-2220-17



Rees (Face Lifting)
17 cm/6 3/4"
02-2221-17

02



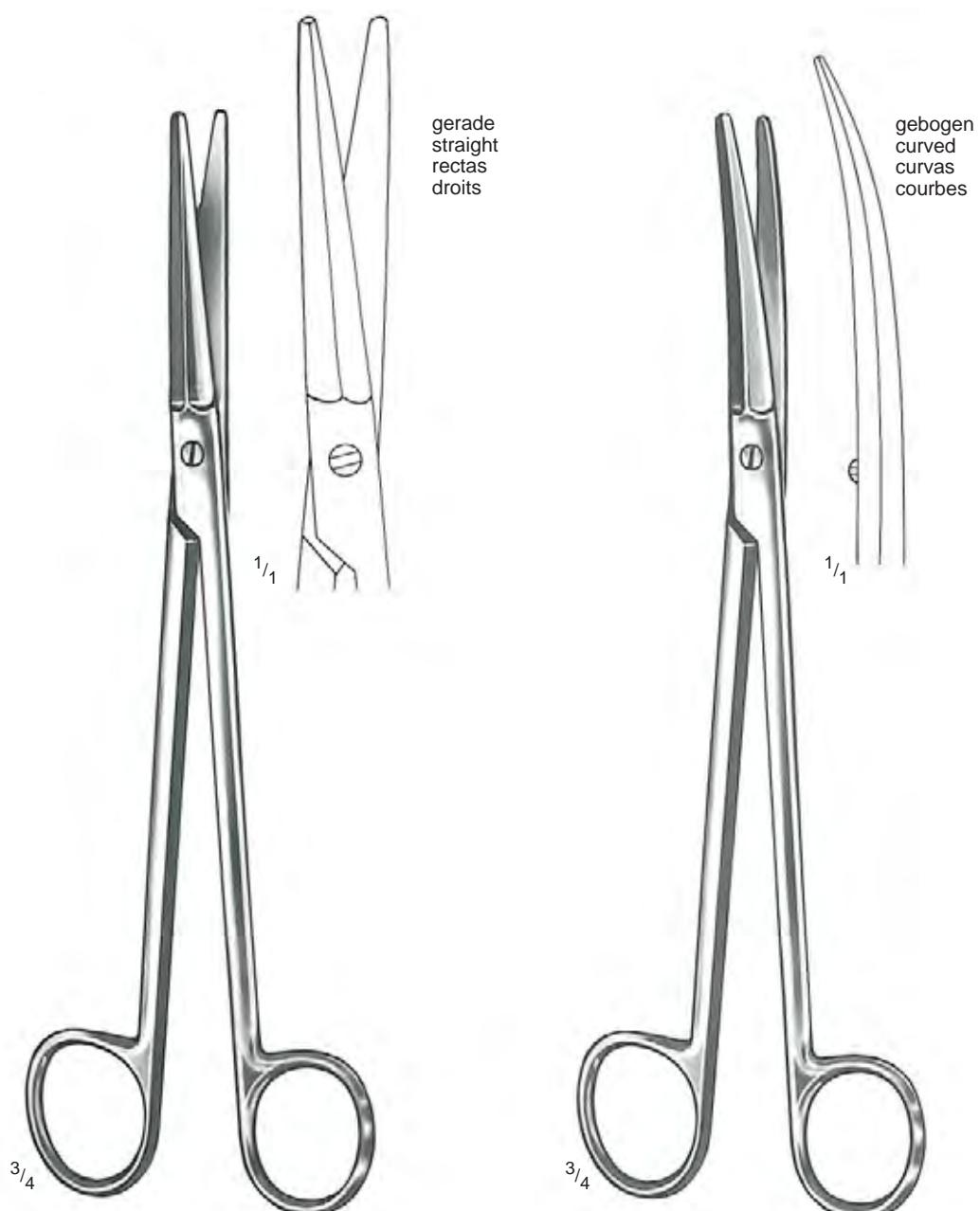
قیچی جراحی پلاستیک

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

قیچی جراحی پلاستیک

Scheren für plastische Operationen

Plastic Surgery Scissors

Tijeras para operaciones plásticas

Ciseaux pour opérations plastiques



gerade
straight
rectas
droits

$\frac{1}{2}$
Kahn

$\frac{1}{1}$
14 cm/5½"
02-2240-14

18 cm/7"
02-2240-18

20 cm/8"
02-2240-20

gebogen
curved
curvas
courbes

Kahn

$\frac{1}{1}$
14 cm/5½"
02-2241-14

18 cm/7"
02-2241-18

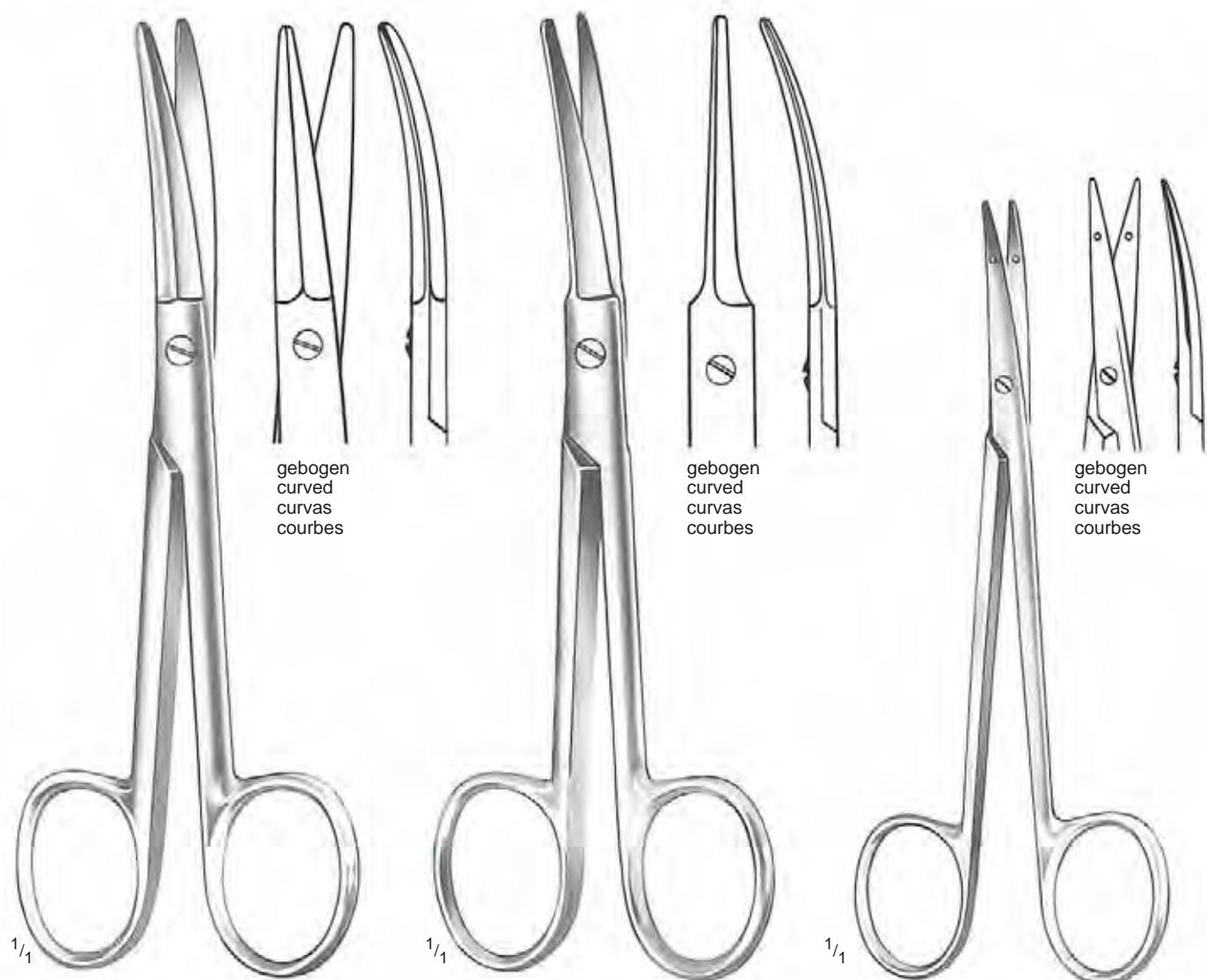
20 cm/8"
02-2241-20

02



قیچی جراحی پلاستیک

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



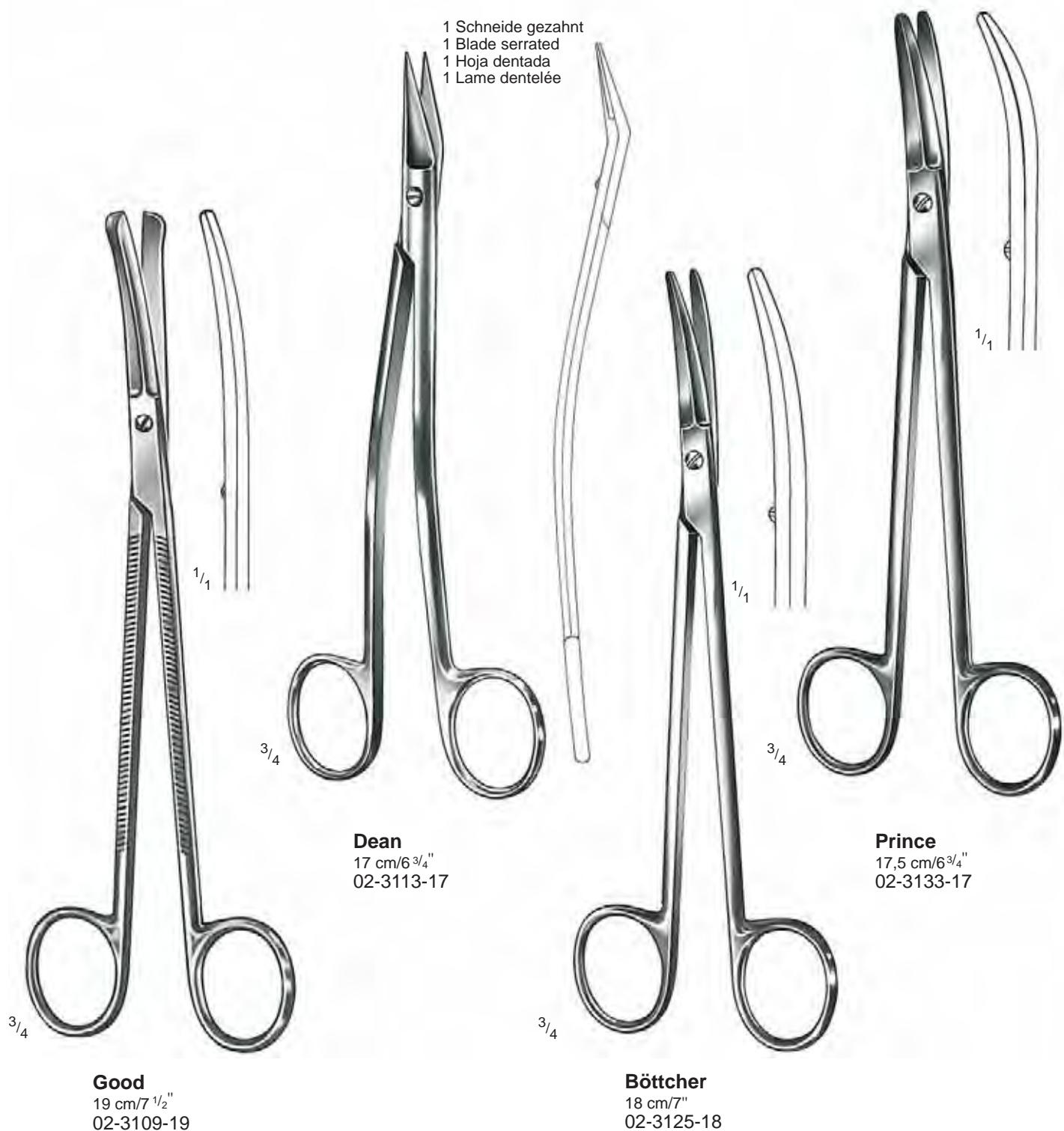
قیچی لوزه

Tonsillenscheren

Tonsil Scissors

Tijeras para amigdalas

Ciseaux pour les amygdales



Good
19 cm/7 $\frac{1}{2}$ "
02-3109-19



Dean
17 cm/6 $\frac{3}{4}$ "
02-3113-17

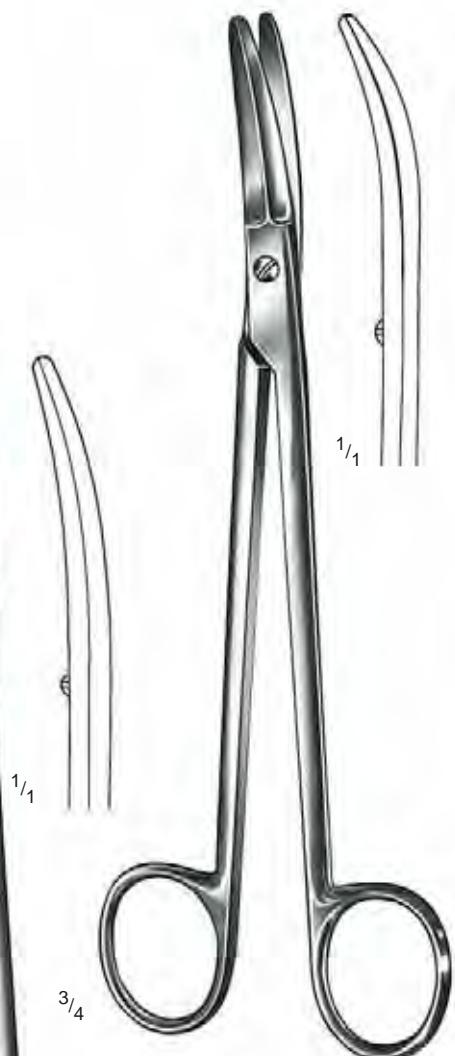


1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée

Böttcher
18 cm/7"
02-3125-18



Prince
17,5 cm/6 $\frac{3}{4}$ "
02-3133-17

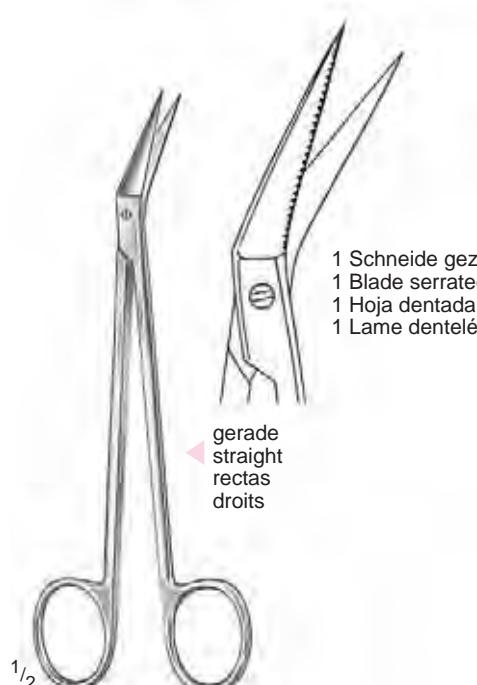


02

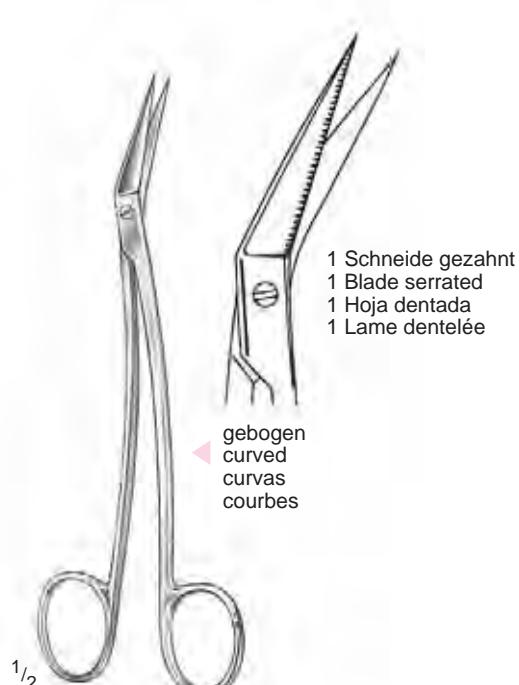


قیچی ظریف

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

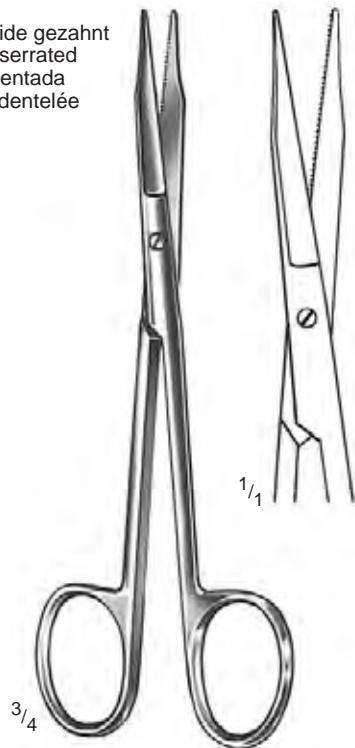
Tijeras finas para preparaciones

Ciseaux fins à dissection



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

gerade
straight
rectas
droits



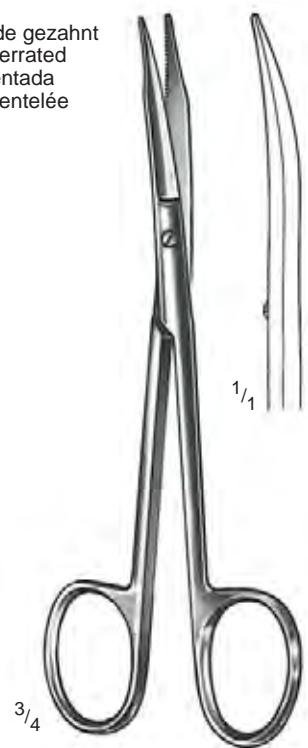
Goldmann-Fox

13 cm/5"

02-3250-13

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

gebogen
curved
curvas
courbes

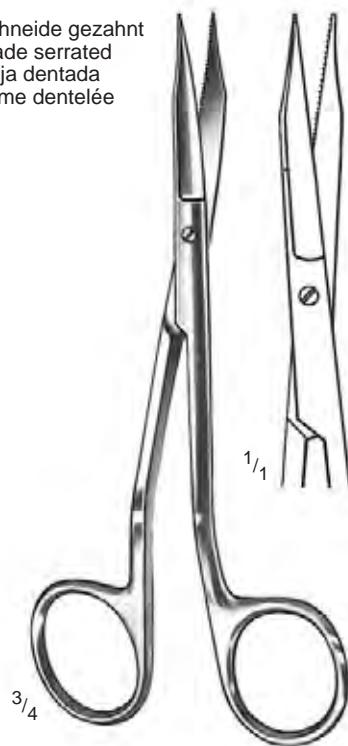


Goldmann-Fox

13cm/5"

02-3251-13

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



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



Goldmann-Fox

13 cm/5"

02-3253-13

02



قیچی طریف

Fine präparier scheren

Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection

Enukleationsscheren
Enucleation Scissors
Tijeras para enucleación
Ciseaux à énucléation



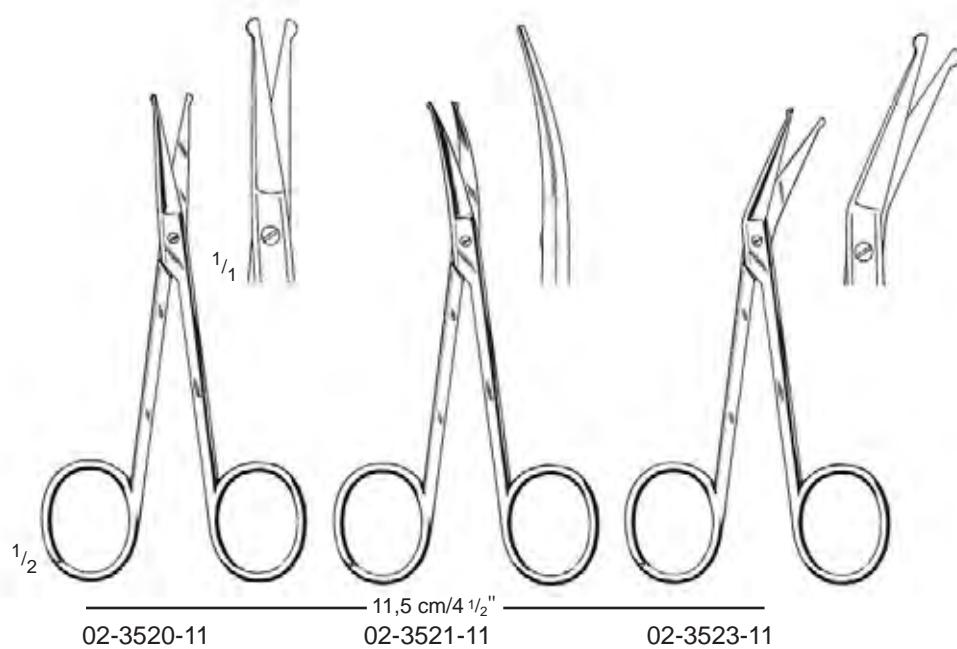
02-3510-12

02-3511-12

02-3513-12

02-3515-12

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



02-3520-11

11,5 cm/4 1/2"

02-3521-11

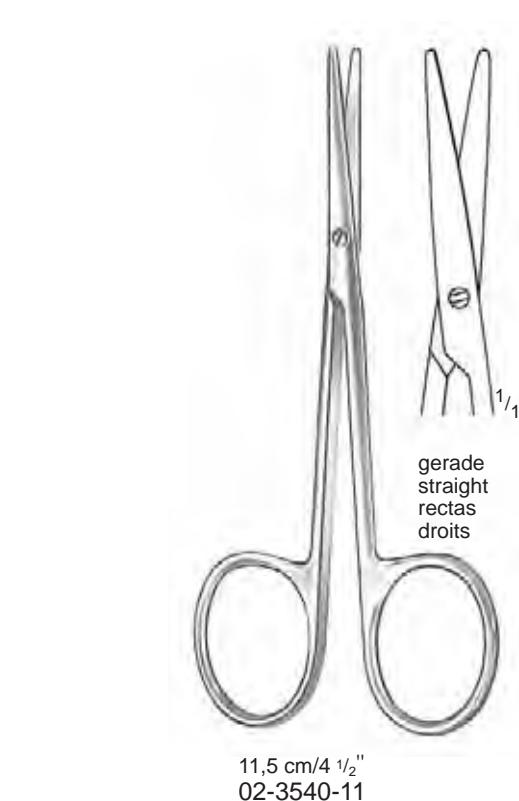
قیچی ظریف

Fine präparier scheren

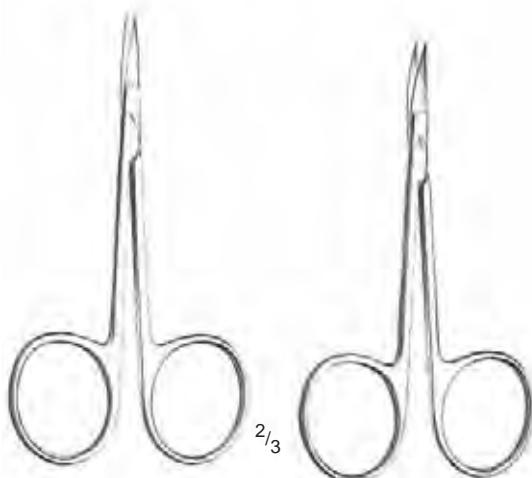
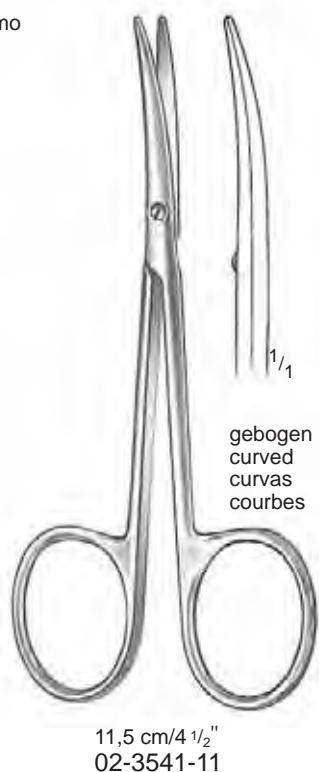
Fine Dissecting Scissors

Tijeras finas para preparaciones

Ciseaux fins à dissection



Strabismusscheren
Strabismus Scissors
Tijeras para estrabismo
Ciseaux à strabisme



Mod. Bonn

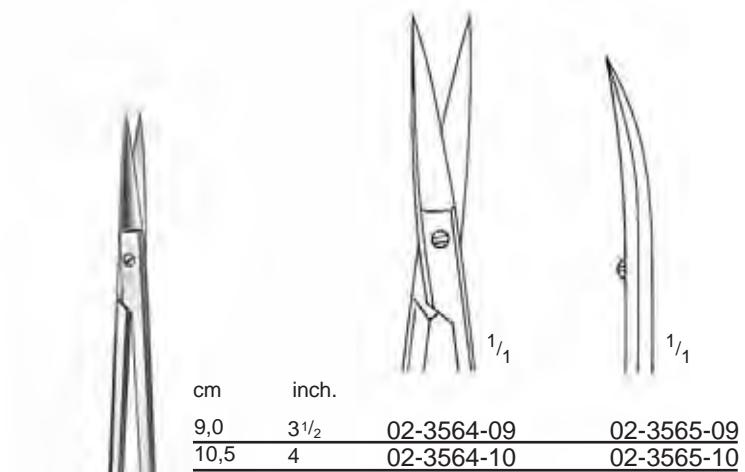
9 cm/3 1/2"

02-3554-09

gerade
straight
rectas
droits

02-3555-09

gebogen
curved
curvas
courbes



cm	inch.	02-3564-09	02-3565-09
9,0	3 1/2	02-3564-09	02-3565-09
10,5	4	02-3564-10	02-3565-10

kantige Branchen
non-rounded shanks
ramas angulosas
branches à arêtes

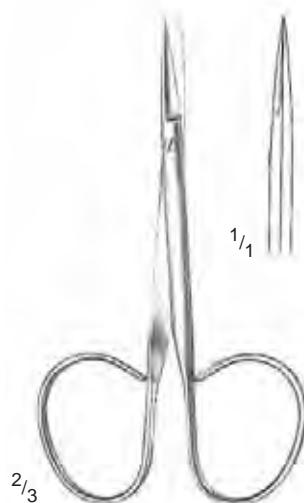
02



قیچی طریف

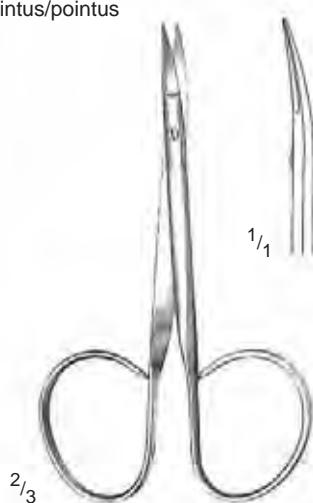
Feine Scheren, flache Branchen, extra große Ringe
Delicate Scissors, flat shanks, extra large rings
Tijeras finas, ramas llanas, anillos grandes
Ciseaux fins, branches plats, anneaux extra larges

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



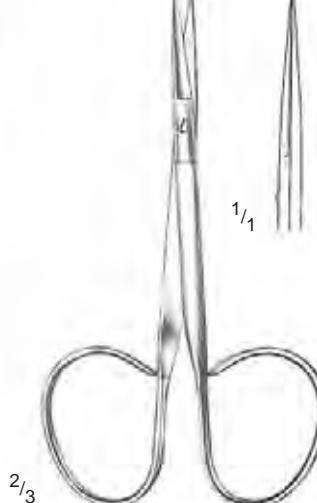
Iris
9,5 cm/3 3/4"
02-3574-09

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

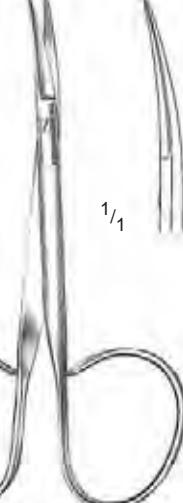


Iris
9,5 cm/3 3/4"
02-3575-09

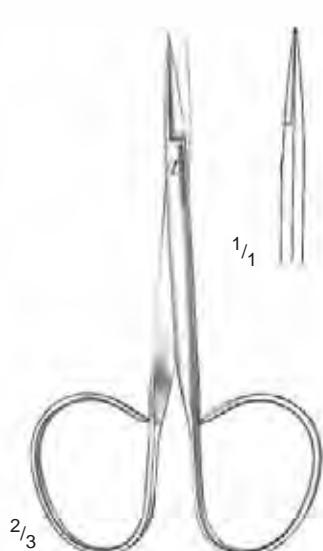
stumpf/stumpf
blunt/blunt
romas/romas
mousses/mousses



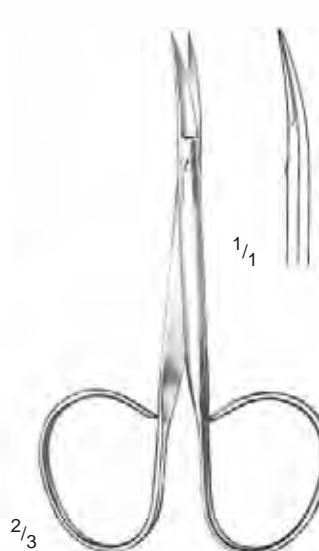
Iris
10,5 cm/4 1/8"
02-3572-10



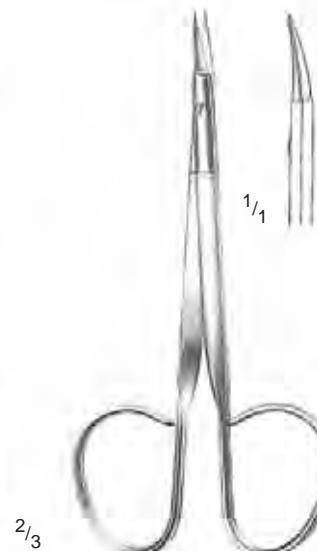
Iris
10,5 cm/4 1/8"
02-3573-10



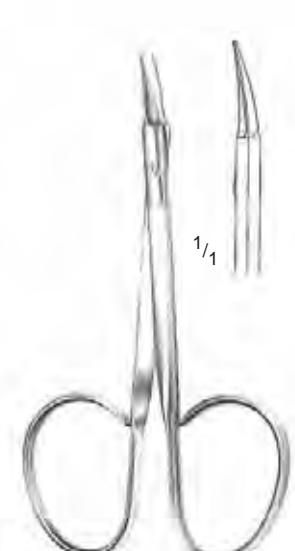
Iris
10,5 cm/4 1/8"
02-3574-10



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



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



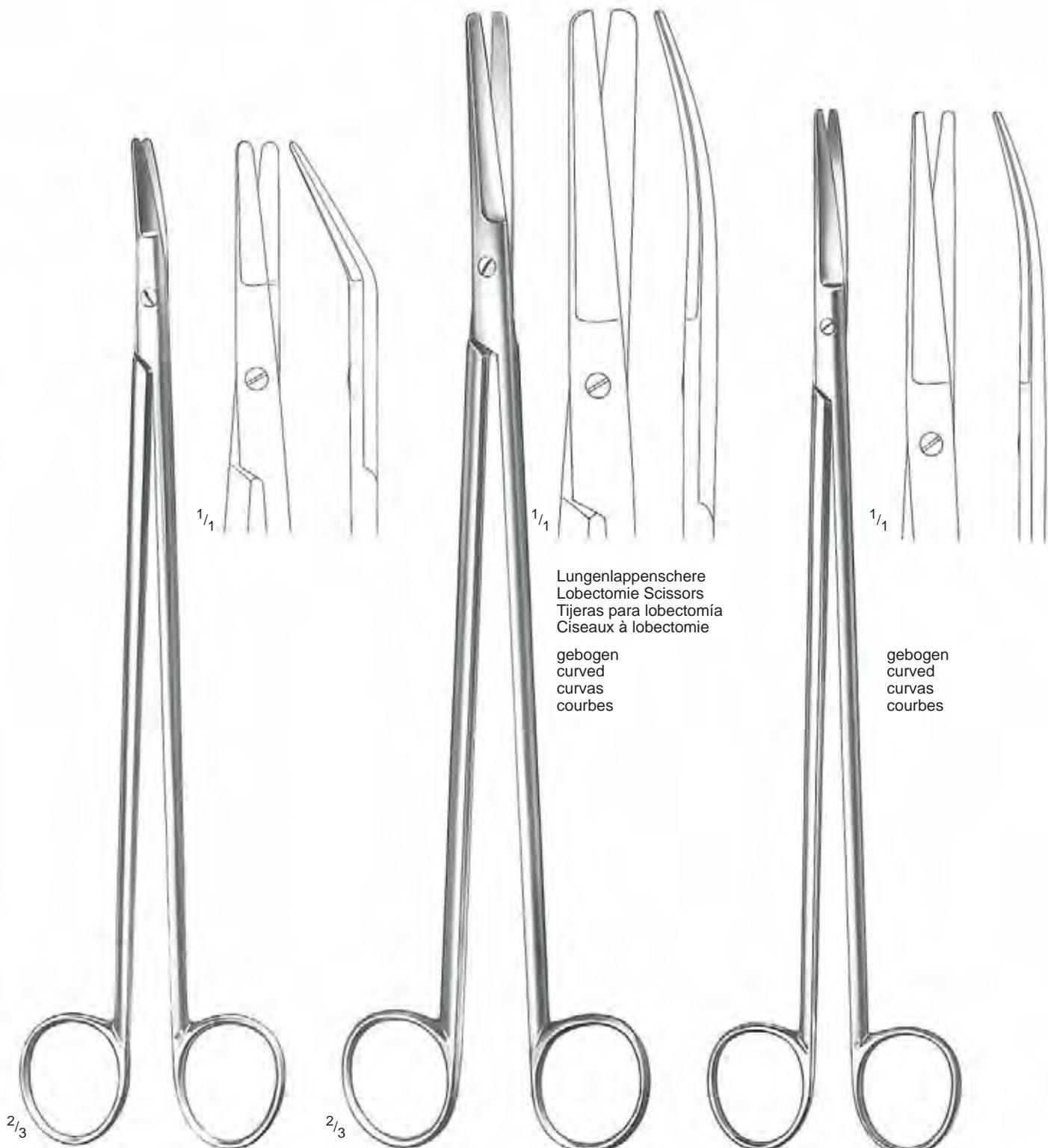
Stitch
10 cm/4"
02-3651-10

قیچی قفسه سینه (توراکس)
Lungenscheren

Thoracic Scissors

Tijeras torácicas

Ciseaux pulmonaires



Finochietto
27 cm/10 1/4"
02-4021-27

Crafoord
30 cm/11 3/4"
02-4033-30

Willauer
cm inch.
25 10 02-4045-25
28 11 02-4045-28

02



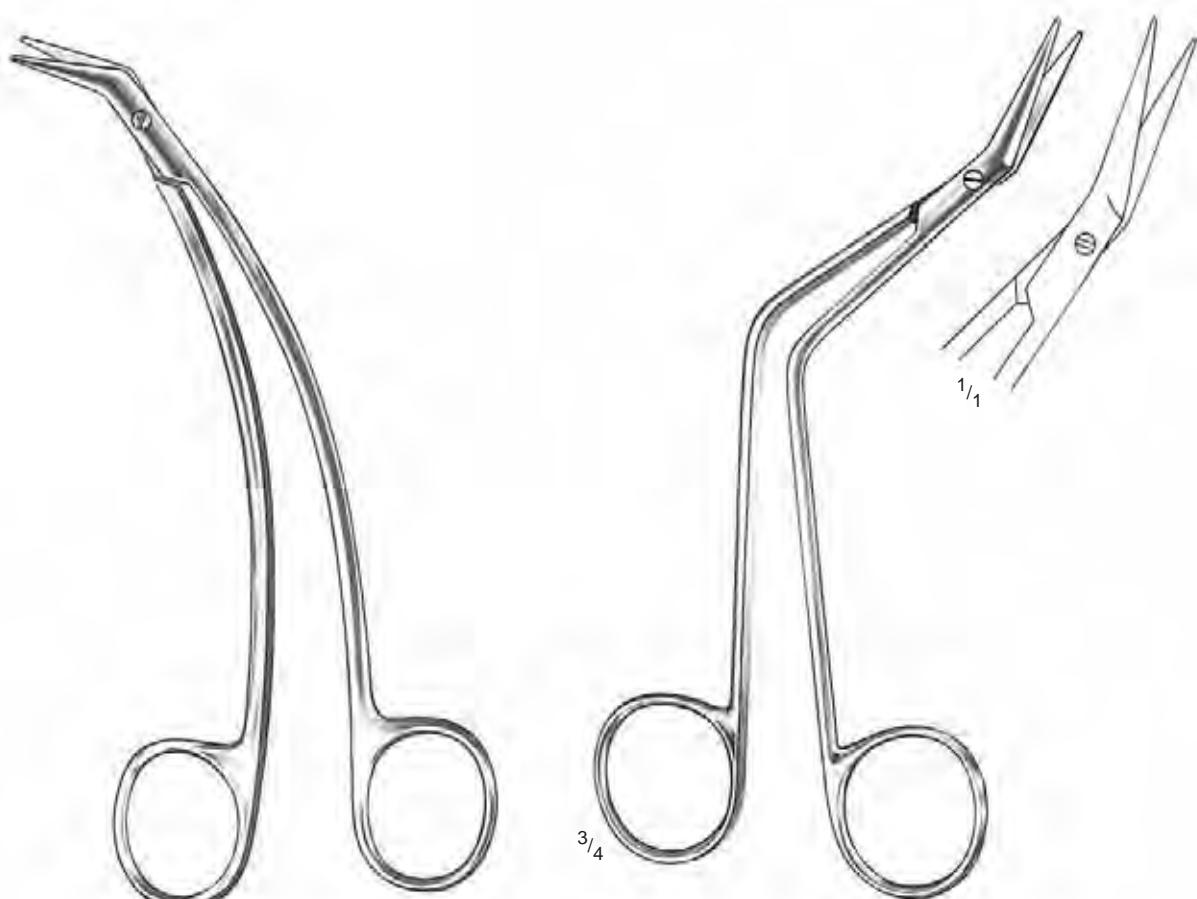
قیچی جراحی عروق

Scheren für Gefäßchirurgie

Scissors for Vascular Surgery

Tijeras para cirugía vascular

Ciseaux pour la chirurgie vasculaire



Favoloro

cm inch.

17	6 $\frac{3}{4}$	60°	02-4211-17
23	9	60°	02-4211-23

Coronary

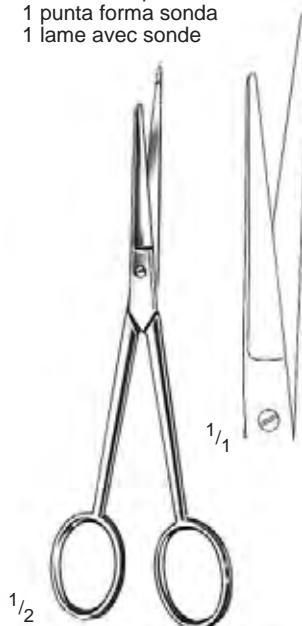
17 cm/6 $\frac{3}{4}$ "
02-4223-17

قىچى جراحى عروق

Scheren für Gefäßchirurgie
Scissors for Vascular Surgery
Tijeras para cirugía vascular
Ciseaux pour la chirurgie vasculaire

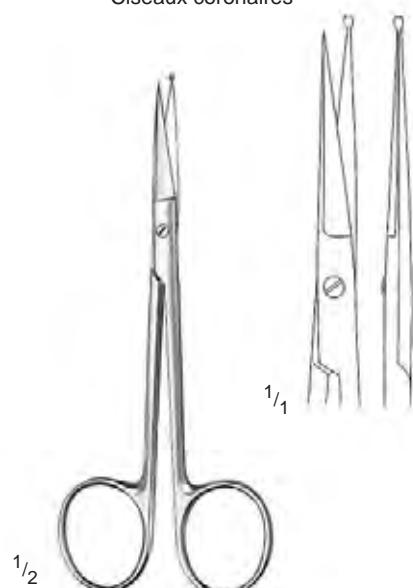


1 Blatt mit Sondenspitze
1 blade with probe
1 punta forma sonda
1 lame avec sonde



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

Coronar-Schere
Coronary Scissors
Tijera coronaria
Ciseaux coronaires

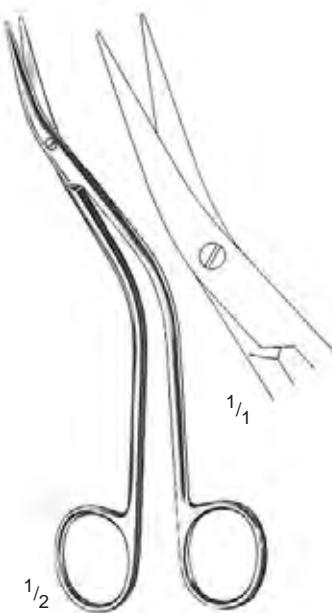


12 cm/4 1/2"
02-4256-12

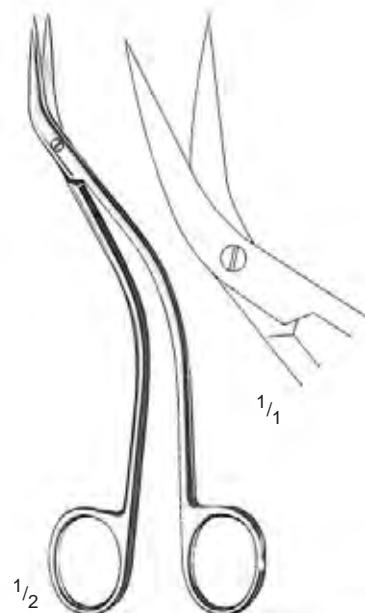
aufgewinkelt
angled on flat
angulada
coudés sur le plat



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

02



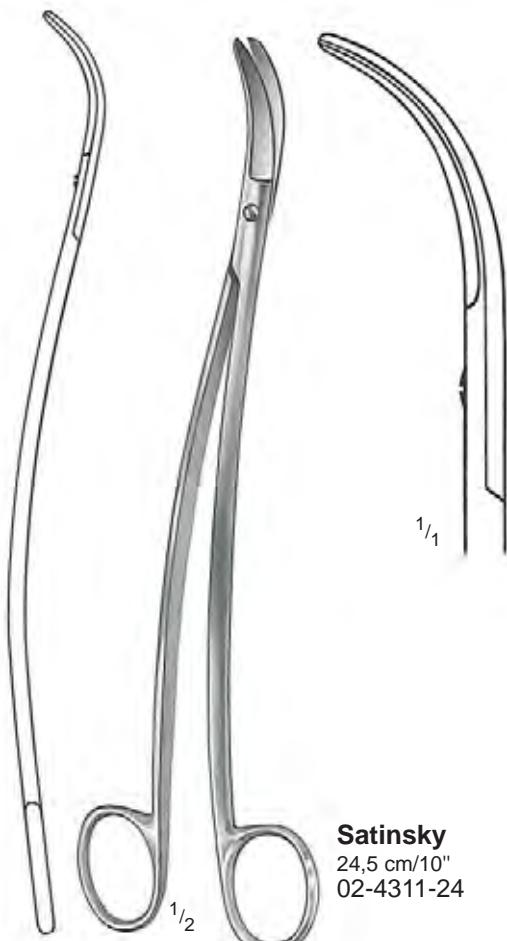
قیچی جراحی عروق

Scheren für Gefäßchirurgie

Scissors for Vascular Surgery

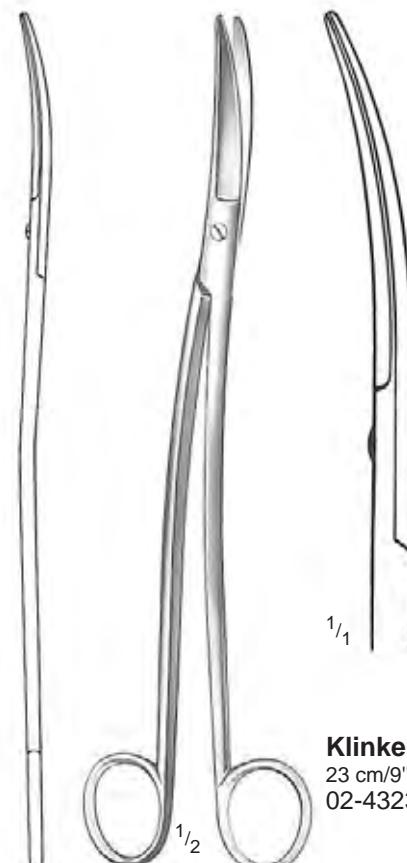
Tijeras para cirugía vascular

Ciseaux pour la chirurgie vasculaire



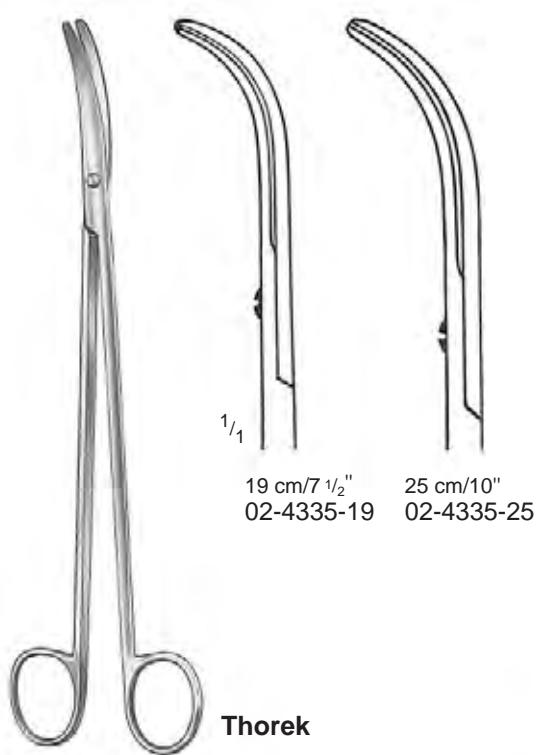
Satinsky

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



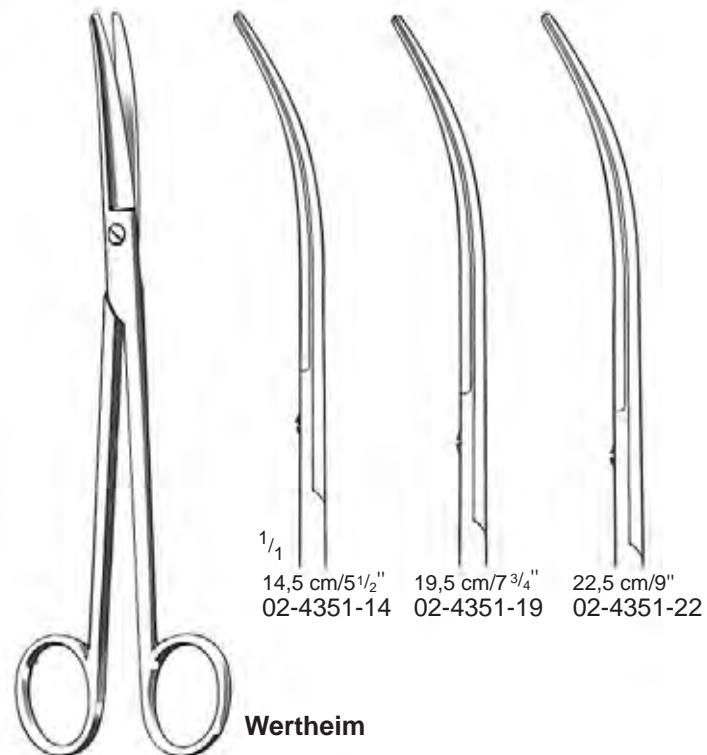
Klinkenbergh-Loth

23 cm/9"
02-4323-23



19 cm/7 1/2"
02-4335-19 25 cm/10"
 02-4335-25

Thorek

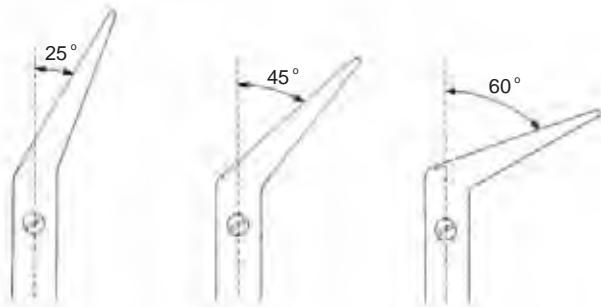


14,5 cm/5 1/2"
02-4351-14 19,5 cm/7 3/4"
 02-4351-19 22,5 cm/9"
 02-4351-22

Wertheim

قیچی جراحی عروق

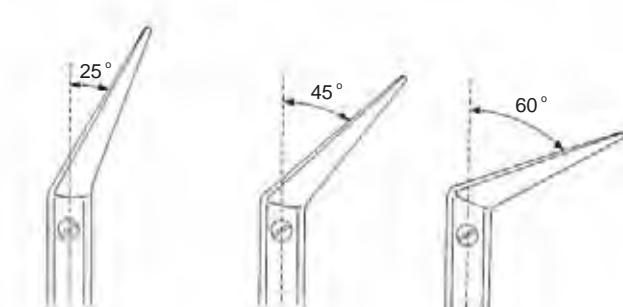
Scheren für Gefäßchirurgie
Scissors for Vascular Surgery
Tijeras para cirugía vascular
Ciseaux pour la chirurgie vasculaire



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

02



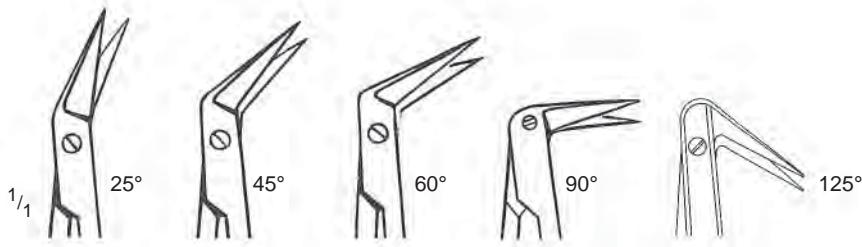
قیچی جراحی عروق

Scheren für Gefäßchirurgie

Scissors for Vascular Surgery

Tijeras para cirugía vascular

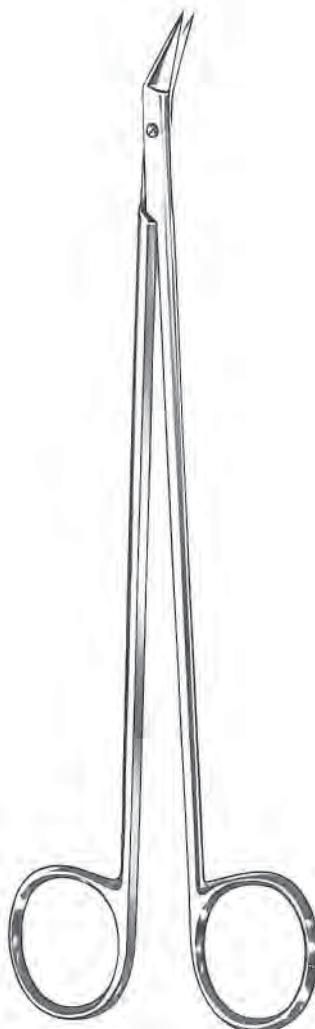
Ciseaux pour la chirurgie vasculaire



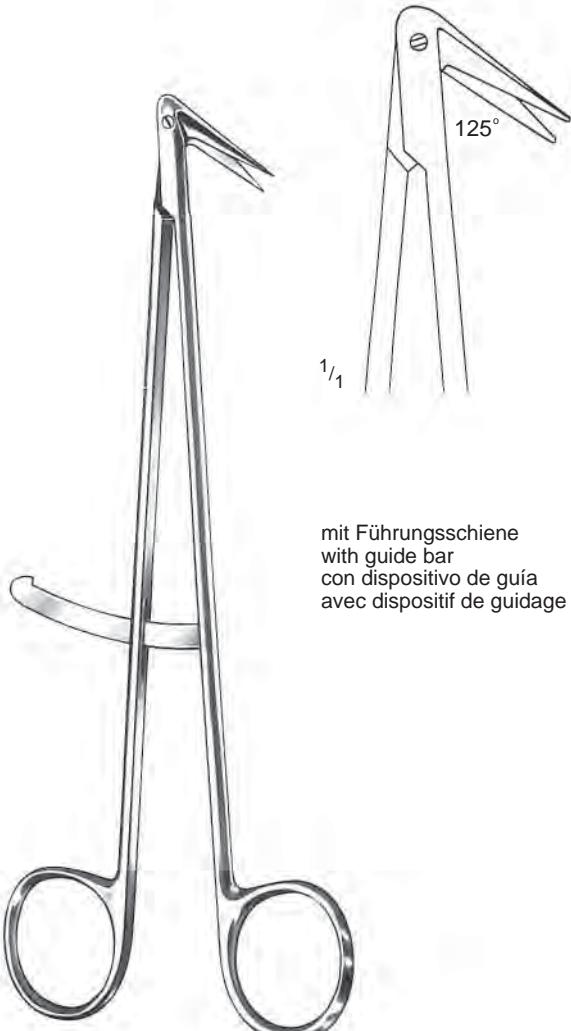
02-4453-25 02-4453-45 02-4453-60 02-4453-90

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

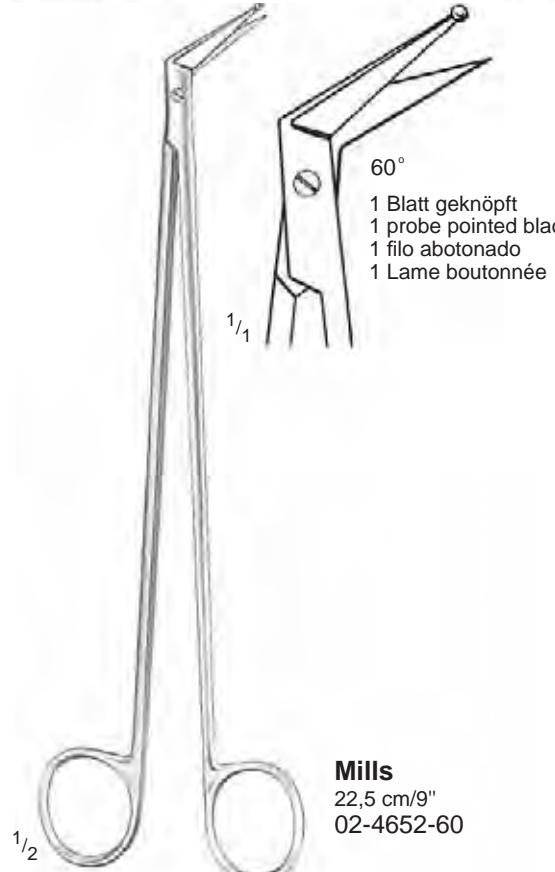
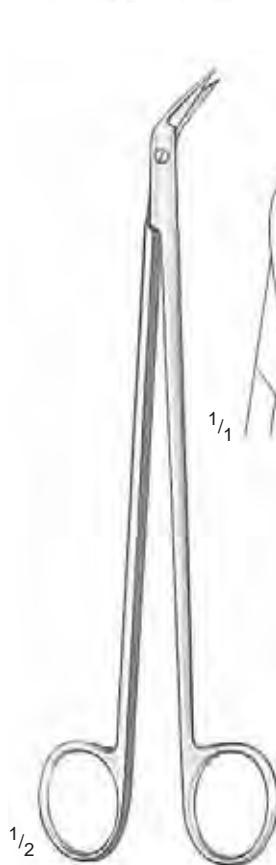
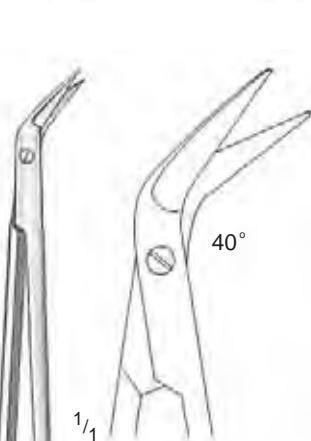
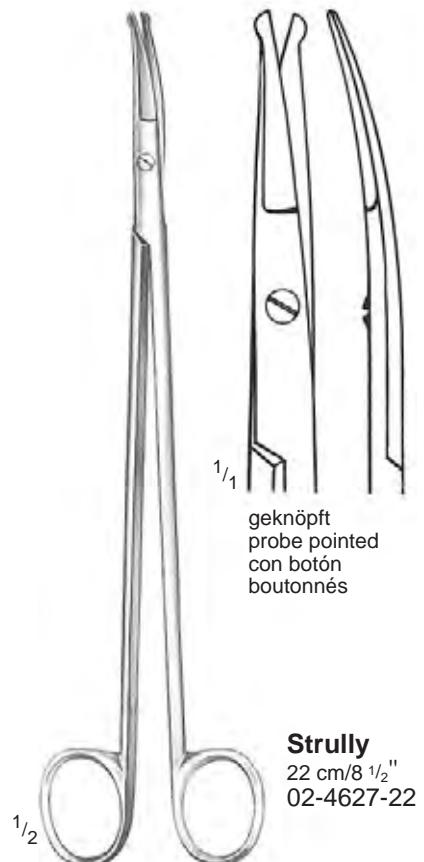
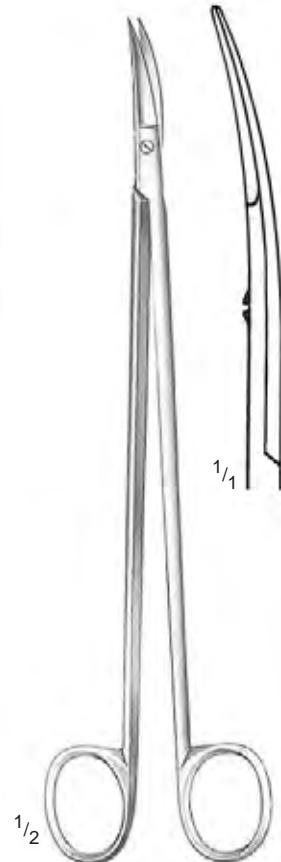
mit Führungsschiene
with guide bar
con dispositivo de guía
avec dispositif de guidage

Trigeminus-Schere

Trigeminal Scissors

Tijera para nervio trigémino

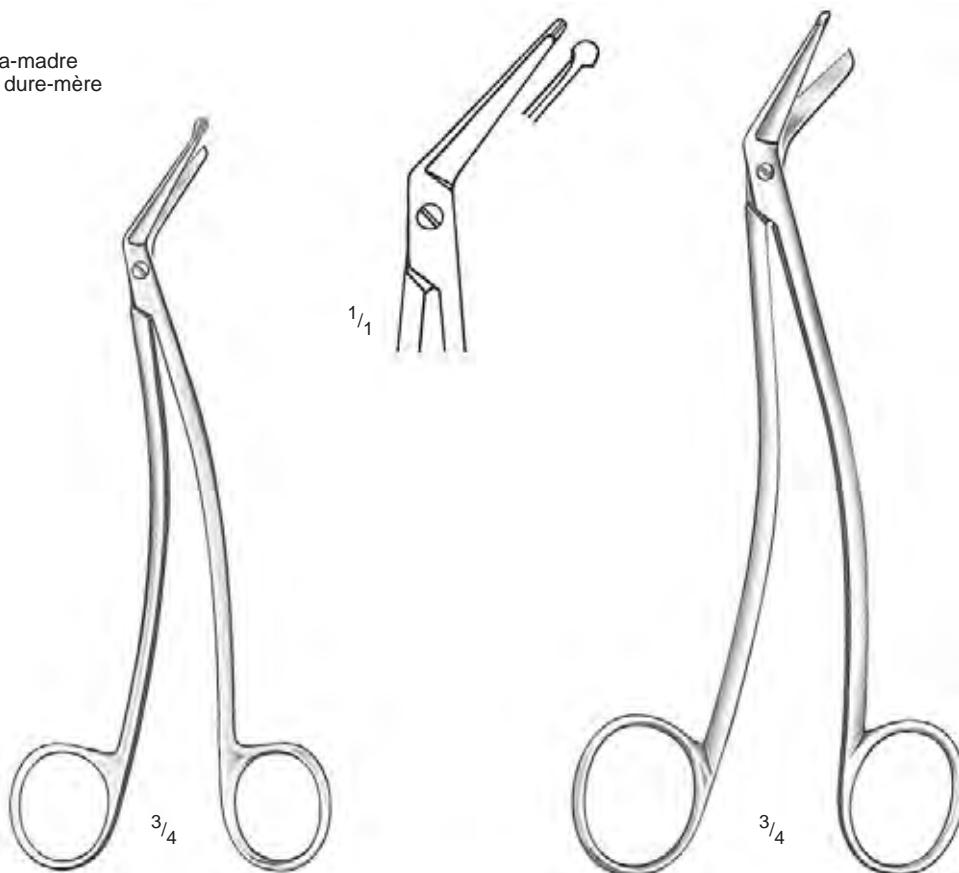
Ciseaux pour le nerf trigéminal





قیچی جراحی مغز و اعصاب
Scheren für Neuro- und Gehirnchirurgie
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
dentalés

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

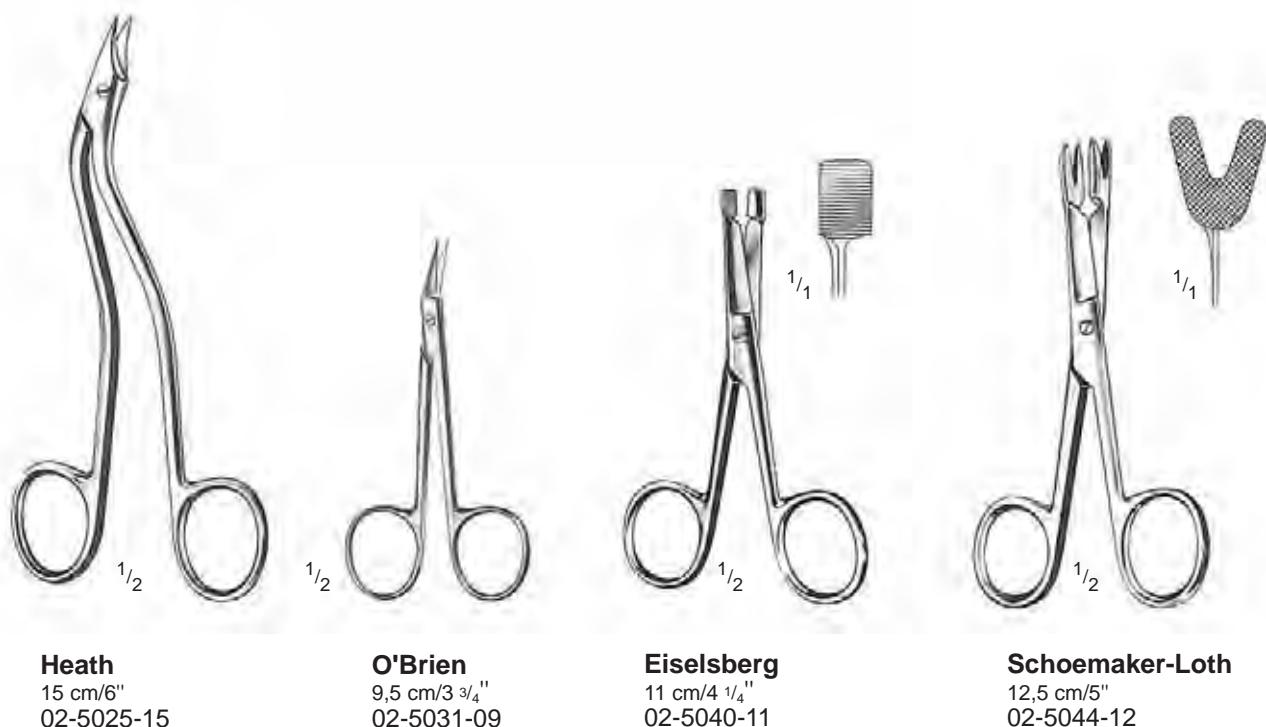
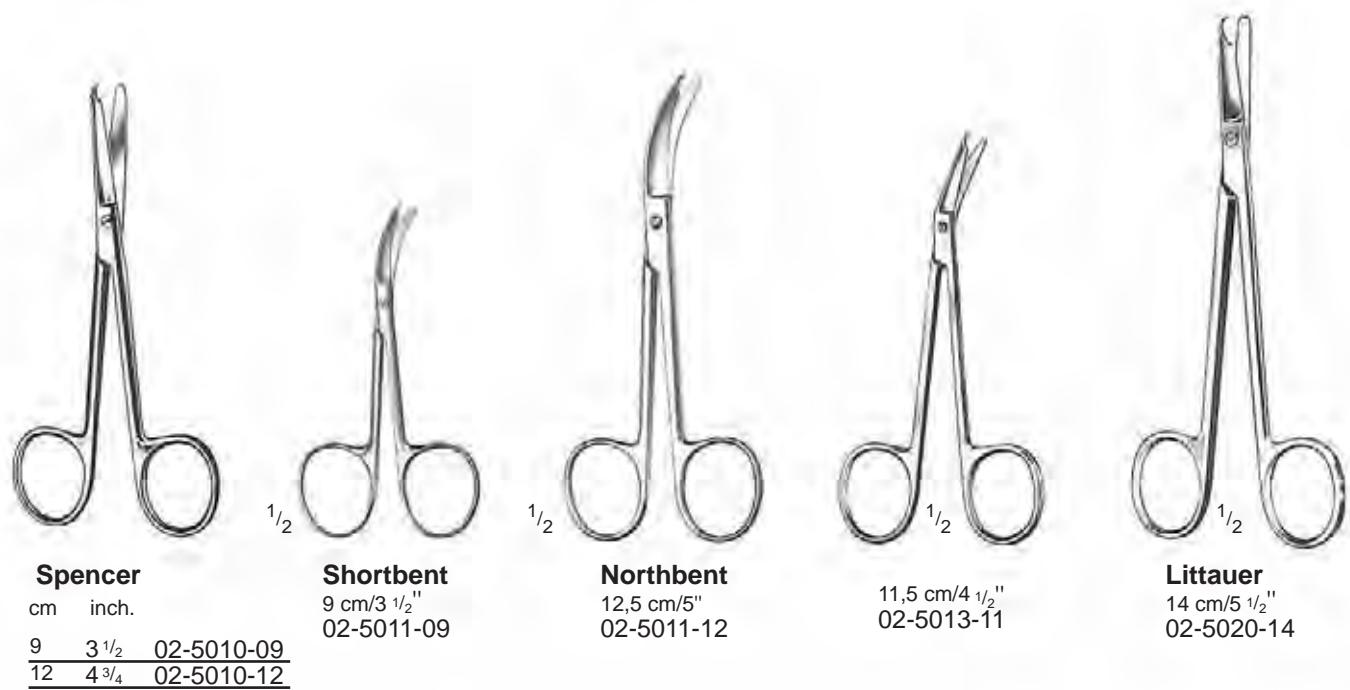
قیچی بخیه

Ligaturscheren

Ligation Scissors

Tijeras para ligaduras

Ciseaux à ligatures

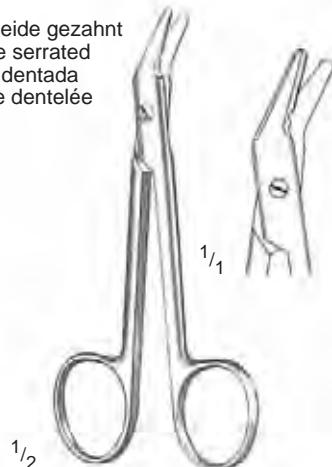




قیچی سیم چین

Drahtscheren-Kronenscheren**Wire Cutting Scissors - C and C Scissors****Cizallas para cortar alambre - Tijeras para coronas****Ciseaux pour couper les fils d'acier - Ciseaux à couronnes**

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
denteles
gerade
straight
rectas
droits

1/2

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

1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée
gerade
straight
rectas
droits

1/2

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



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

spitz
pointed
agudas
pointues



1 Schneide gezahnt
1 Blade serrated
1 Hoja dentada
1 Lame dentelée
gebogen
curved
curvas
courbes

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

glatt
smooth
lisas
lisses

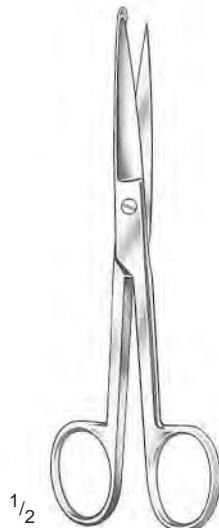
قیچی بانداز

Verbandscheren

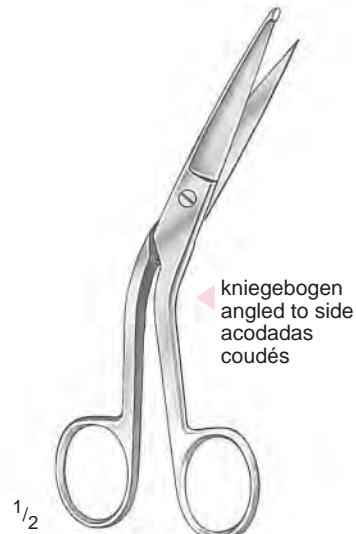
Bandage Scissors

Tijeras para vendajes

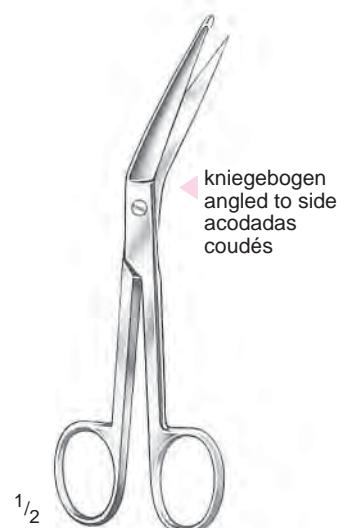
Ciseaux pour pansements



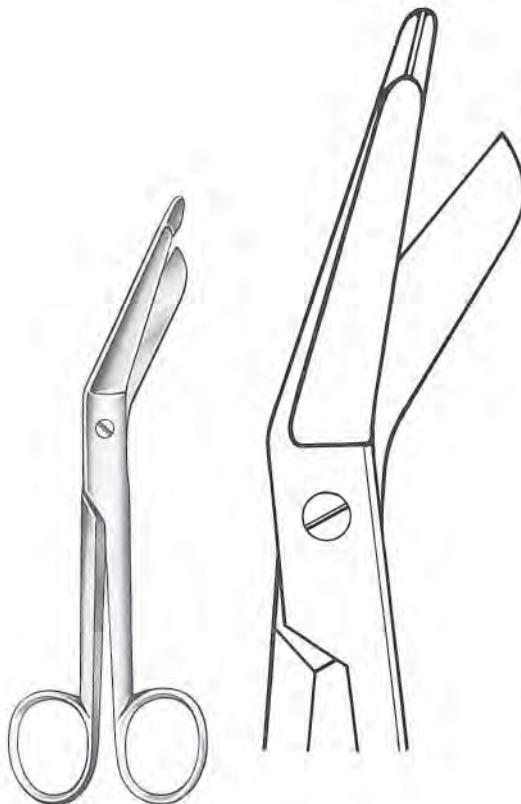
Knowles
14,5 cm/5 1/2"
02-5330-14



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



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

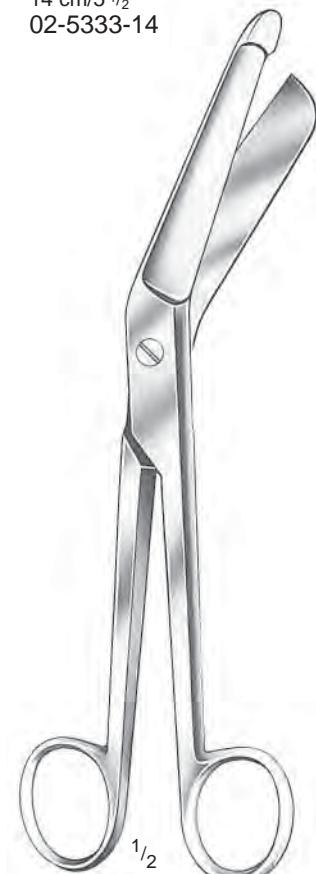


Lister
cm inch.
9 3 1/2 02-5353-09
11 4 1/2 02-5353-11
14 5 1/2 02-5353-14
18 7 02-5353-18 02-5354-18
20 8 02-5353-20



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



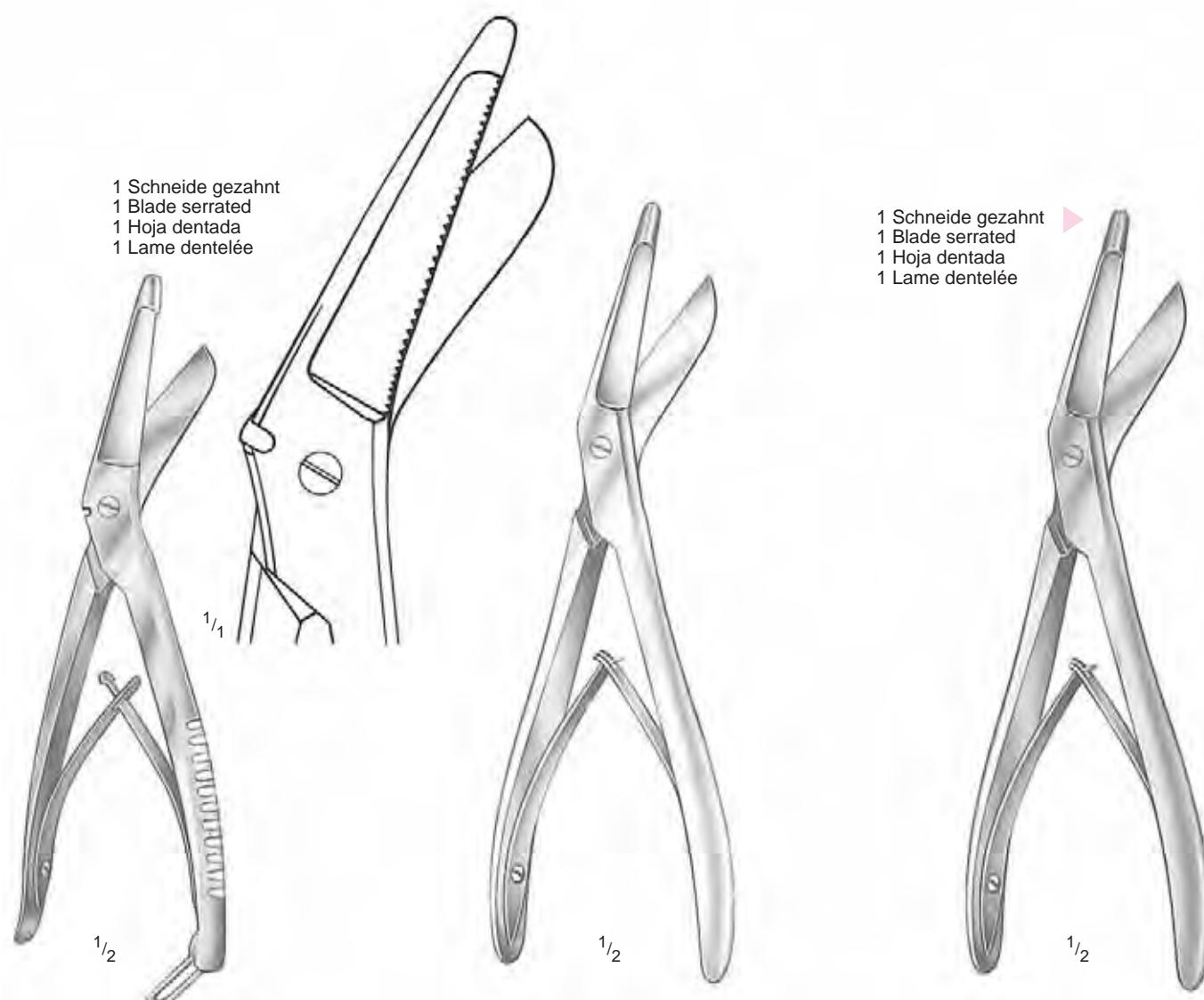
قیچی گچبر – قیچی پارچه‌بر

Kleider- und Gipsscheren

Clothing Scissors, Plaster-of-Paris Shears

Tijeras para vestidos, Cizallas para vendajes enyesados

Cisailles pour pansements et appareils plâtrés



20 cm/8"
02-5373-20

Seutin
23 cm/9"
02-5375-23

Seutin
23 cm/9"
02-5377-23

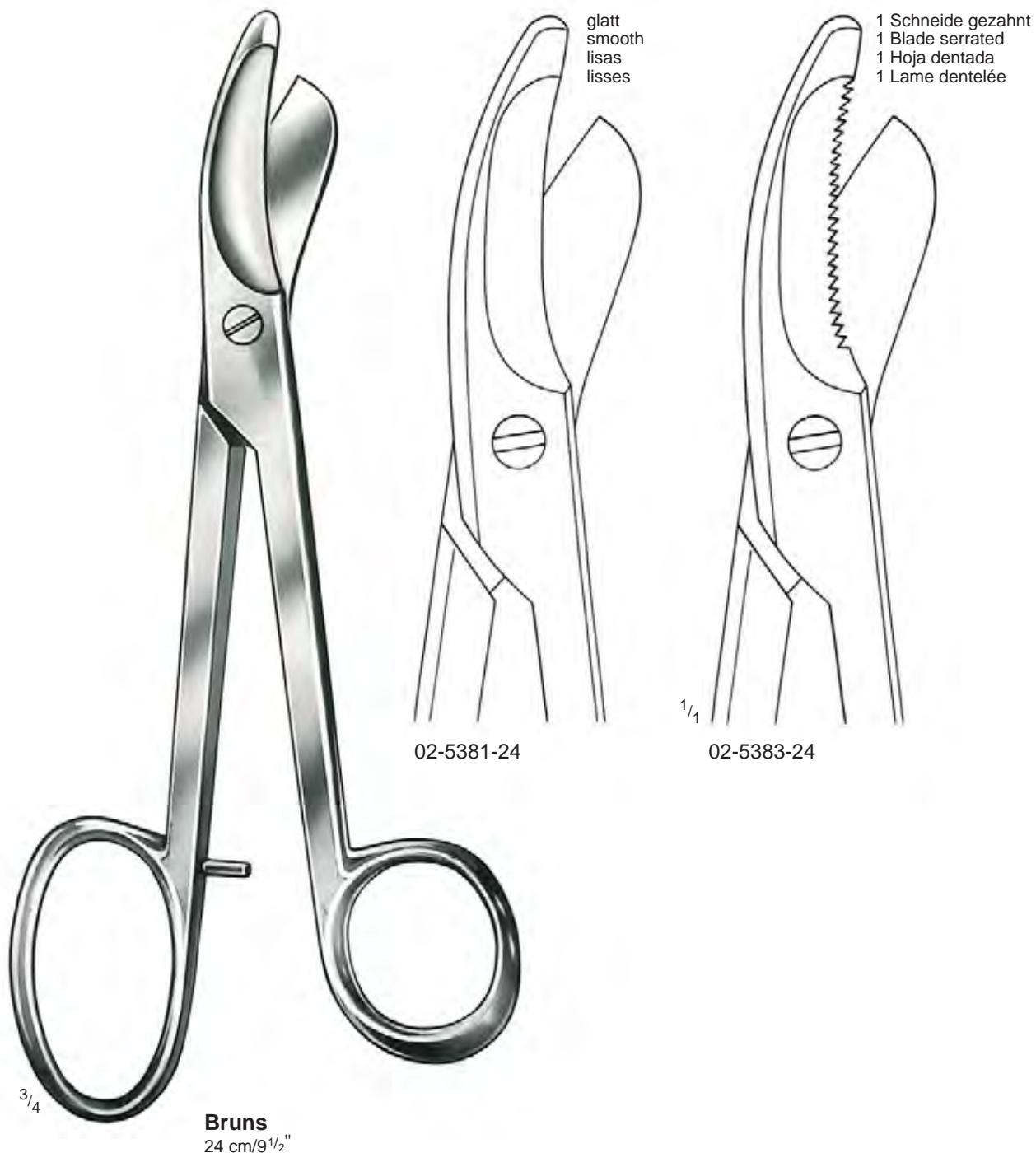
قیچی گچ بر

Gipsscheren

Plaster-of-Paris Shears

Cizallas para vendajes enyesados

Cisailles pour appareils plâtrés

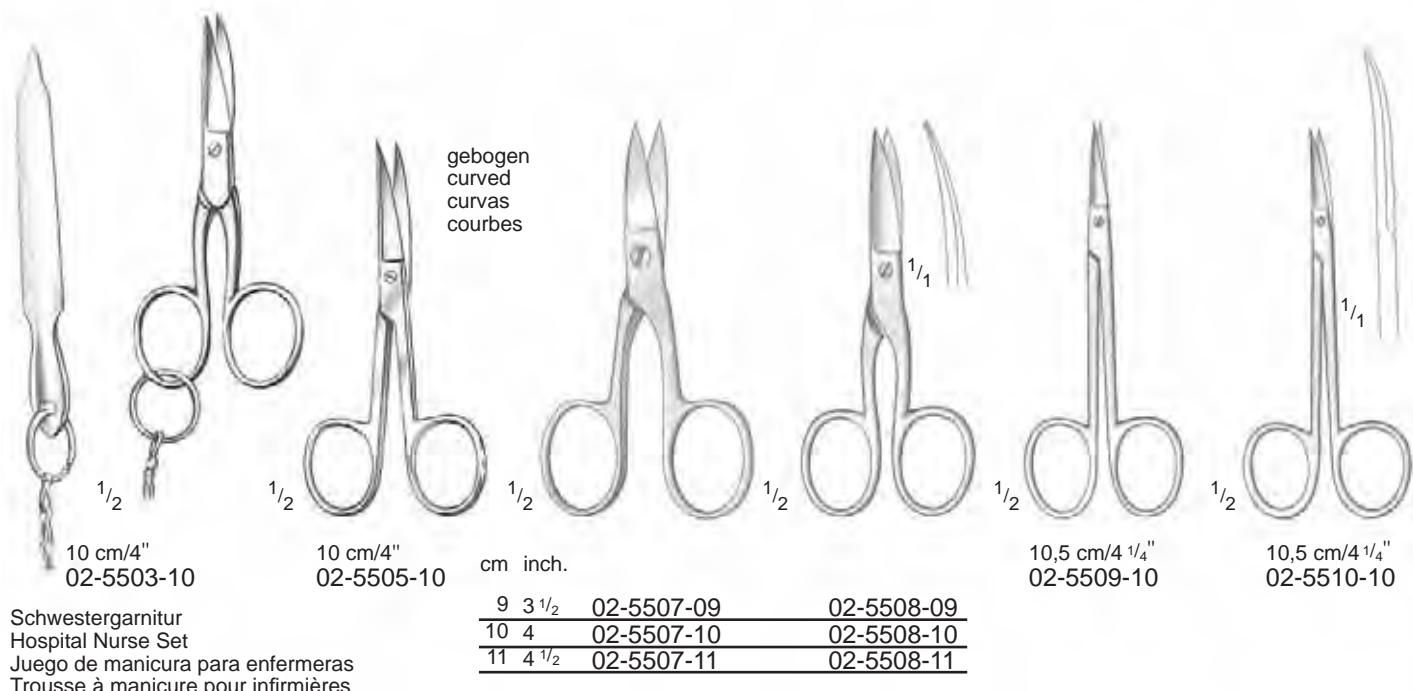


02

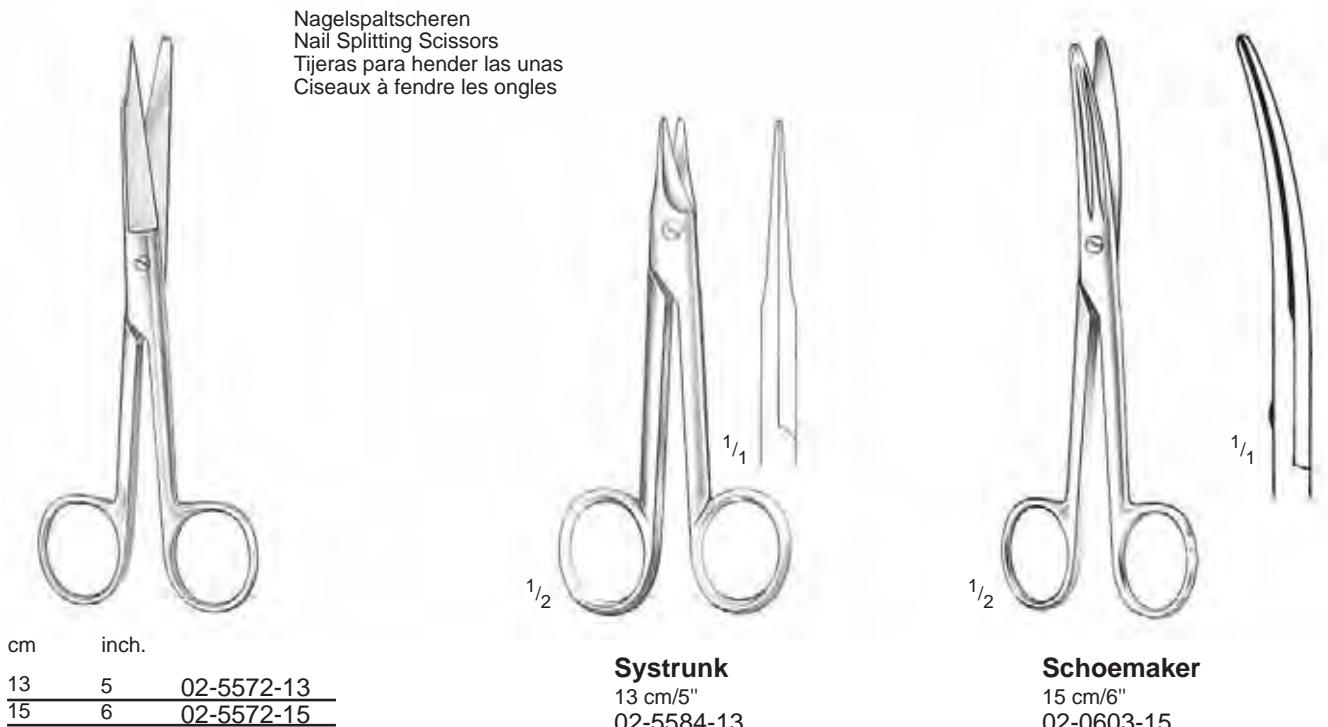


انواع قیچی
Scheren
Scissors
Tijeras
Ciseaux

Nagelscheren
Nail Scissors
Tijeras para uñas
Ciseaux à ongles



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



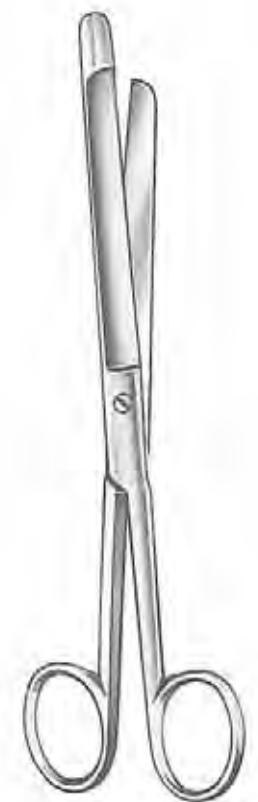
انواع قیچی

Scheren

Scissors

Tijeras

Ciseaux



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

Darmscheren
Enterotomy Scissors
Tijeras enterótomas
Ciseaux-entérotomes



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



23 cm/9"
02-5650-23

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



Plain
23 cm/9"
02-5660-23



قىچى كاتاراكت

Nachstarscheren

Secondary Cataract Scissors

Tijeras para catarata secundaria

Ciseaux pour la cataracte secondaire



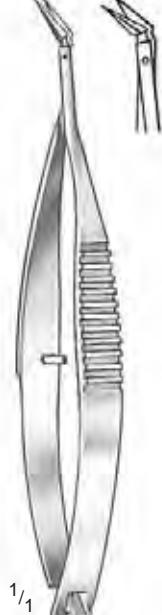
Vannas
8 cm/3 1/8"
02-6008-01

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



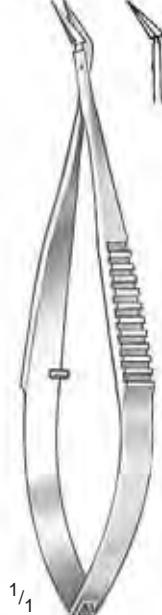
Vannas
8 cm/3 1/8"
02-6008-02

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



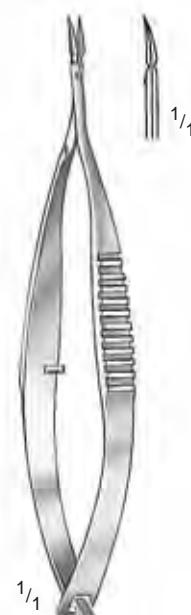
Vannas
8 cm/3 1/8"
02-6008-04

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



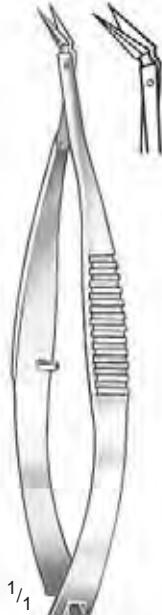
**Vannas
Mod. Tübingen**
8 cm/3 1/8"
02-6018-01

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



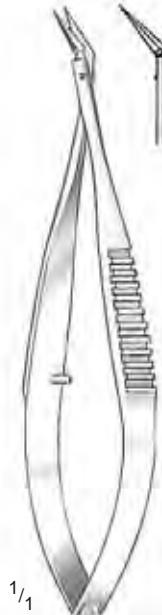
**Vannas
Mod. Tübingen**
8 cm/3 1/8"
02-6018-02

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



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



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

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

— 10 cm/4"
02-6061-10

02-6061-10



n - stumpf/stu
blunt/blunt
romas/roma
- mousses/m

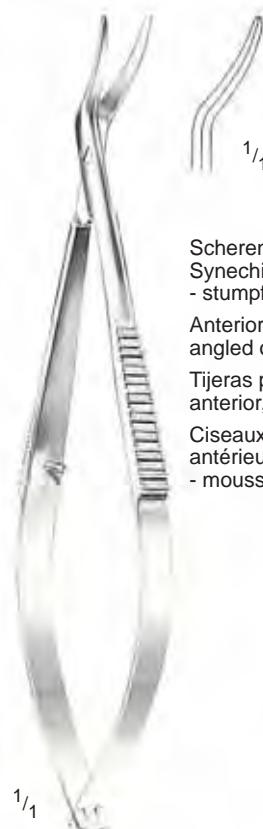
cm/4" _____

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

02-6063-10



02-6063-16



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



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

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

02

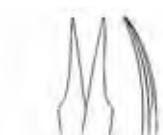


قىچى تناومى

**Sehnenscheren
Tenotomy Scissors
Tijeras para tenotomía
Ciseaux à ténotomie**



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/4^{3/4}"



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

gebogen
curved
curvas
courbes



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

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

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

قىچى قرنىھ

Hornhautscheren
Corneal Scissors
Tijeras para córnea
Ciseaux pour la cornée

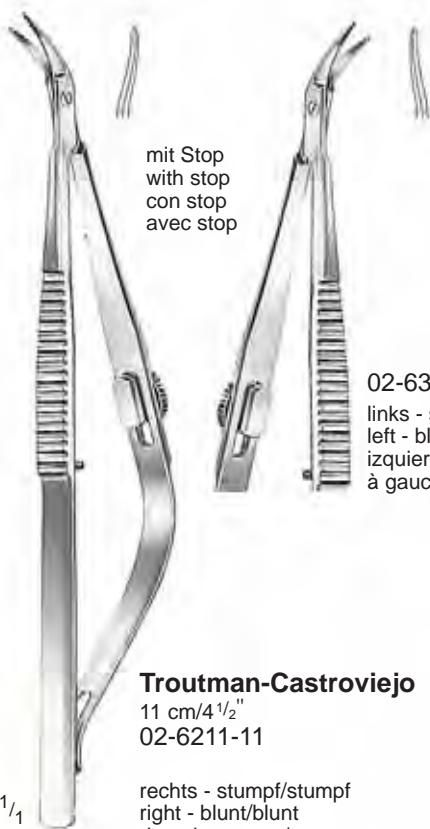


Troutman
10 cm/4"
02-6201-10

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

1/1

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

1/1

Keratoplastikschiere
Keratoplastic Scissors
Pinza-tijera para queratoplastica
Pince-ciseaux pour kératoplastie



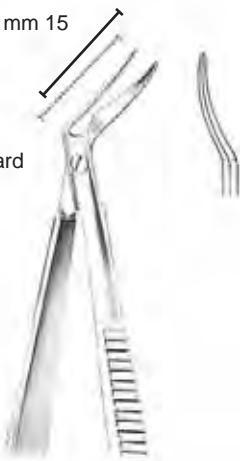
Castroviejo
9 cm/3 1/2" 02-6217-09
11,5 cm/4 1/2" 02-6217-11

1/1

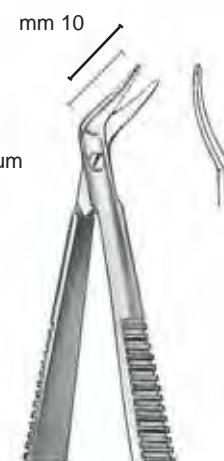
02



قیچی قرنیه

Hornhautscheren**Corneal Scissors****Tijeras para córnea****Ciseaux pour la cornée****Standard**

02-6223-11
links - stumpf/stumpf
left - blunt/blunt
izquierda- romas/romas
à gauche - mousses/mousses

**Medium**

02-6229-10
links - stumpf/stumpf
left - blunt/blunt
izquierda- romas/romas
à gauche - mousses/mousses

Castroviejo

11 cm/4 1/2"

02-6221-11

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

Miniaturschere
miniature model
modelo miniatura
modèle miniature

02-6233-10
links - stumpf/stumpf
left - blunt/blunt
izquierda- romas/romas
à gauche - mousses/mousses

Castroviejo

10 cm/4"

02-6227-10

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

Miniaturschere
miniature model
modelo miniatura
modèle miniature

mit Stop
with stop
con stop
avec stop

02-6237-10
links - stumpf/stumpf
left - blunt/blunt
izquierda- romas/romas
à gauche - mousses/mousses

Castroviejo

10 cm/4"

02-6231-10

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

Troutman-Castroviejo

10 cm/4"

02-6235-10

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





قیچی کراتومی قرنیه
Keratomieschere
Keratomey Scissors
Tijera para queratomía
Ciseaux à kératomie

قیچی عنیبه
Iridektomiescheren
Iridectomy Scissors
Tijeras para iridectomía
Ciseaux à iridectomie

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



Aebli
10 cm/4"
02-6355-10

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



Noyes
12 cm/4 3/4"
02-6440-10

gerade
straight
rectas
droits

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

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

gebogen
curved
curvas
courbes

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

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



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

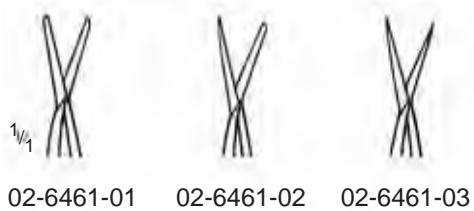


leichtes Modell - spitz/spitz
light pattern - sharp/sharp
modelo ligero - agudas/agudas
modèle léger - pointus/pointus

Noyes
11 cm/4 3/8"
02-6440-10

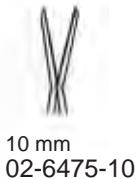
قیچی عنبیه

Iridektomiescheren
Iridectomy Scissors
Tijeras para iridectomía
Ciseaux à iridectomie



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"

02

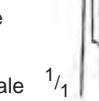


قیچی میکرو فنری

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

Gesamtlänge
 Total Length
 Largo total
 Longueur totale

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



02-6512-00
 02-6516-00



02-6512-01
 02-6516-01



Schneiden gezahnt
 Toothed Blades
 Hojas dentadas
 Lames dentelées

1/1

Millesi

02-6516-02

**Millesi**

02-6516-03



45°

18,5 cm/7 1/4"

Yasargil
 02-6518-20

Jacobson
 02-6518-21

Potts-Yasargil
 02-6518-65

Gesamtlänge
 Total Length
 Largo total
 Longueur totale

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



Vannas
 02-6512-80
 02-6516-80



Vannas
 02-6512-81
 02-6516-81



Vannas
 02-6512-85



Biemer
 02-6513-19
 13 cm/5"

Venenschere
 Vein scissors
 Tijeras para venas
 Ciseaux à veines



1/1

16 cm/6 1/4"

قىچى ميكروفنرى (بایوتى)

Mikro-Federscheren

MikroScissors, spring-action

Microtijeras con resorte

Microciseaux à ressort



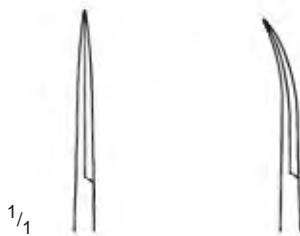
Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissections



02-7520-40
20 cm/8"



16,5 cm/6 1/2"
20 cm/8"



02-7516-01
02-7520-21



02-7520-24

abwärts gebogen
curved downward
curvas hacia abajo
courbes en bas



02-7520-41
20 cm/8"

Yasargil
20 cm/8"

02



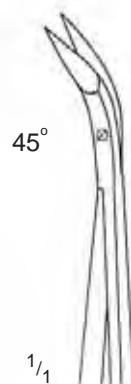
قىچى ميكرو فنرى (بایوپتى)

Mikro-Fedterscheren

Micro Scissors, spring-action

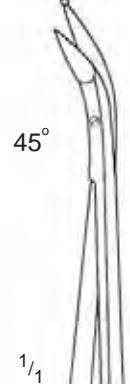
Microtijeras con resorte

Microciseaux à ressort



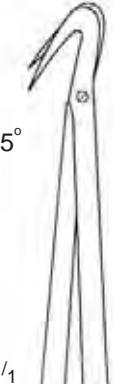
45°

1/1



45°

1/1



125°

1/1

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

Nagel

02-7520-25

02-7520-29

02-7520-99

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

قیچی میکرو فنری (بایوپتی)

Mikro-Fedterscheren

Micro Scissors, spring-action

Microtijeras con resorte

Microciseaux à ressort



Schneiden gezahnt
Toothed Blades
Hojas dentadas
Lames dentelées

abwärts gebogen
curved downward
curvas hacia abajo
courbes en bas

1/1
02-7522-20

1/1
02-7522-22

1/1
02-7522-21
22,5 cm/9"

1/1
02-7522-24

02-7524-21
24,5 cm/9^{3/4}"

Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissections

1/1
02-7522-40

1/1
02-7522-41

1/1
Vannas
02-7522-90

1/1
Vannas
02-7522-91

02



قیچی میکرو فنری

Mikro-Federscheren mit Rundgriff

Micro Scissors, spring-action, with round handles

Microtijeras con resorte, mangos rotatorios

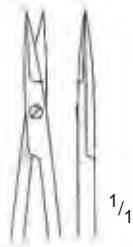
Microciseaux à ressort, manches rotatifs



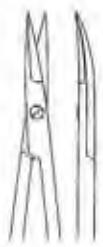
1/1

18 cm/7"

spitz
pointed
agudas
pointus



kurze Schneiden
short blades
hojas cortas
lames courtes



lange 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

21 cm/8 1/4" 02-7821-00 02-7821-01

23 cm/9" 02-7823-00 02-7823-01

02-7818-20 02-7818-21

02-7818-60

قیچی پاتس فنری میکرو

Mikro-Fedterscheren 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 ténotomie

lange Schneiden

long blades

hojas largas

lames longues

25°

45°

60°

90°

125°

02-7848-25

02-7848-45

02-7848-60

02-7848-90

02-7848-99



18 cm/7"

JABOMA

18 cm/7"

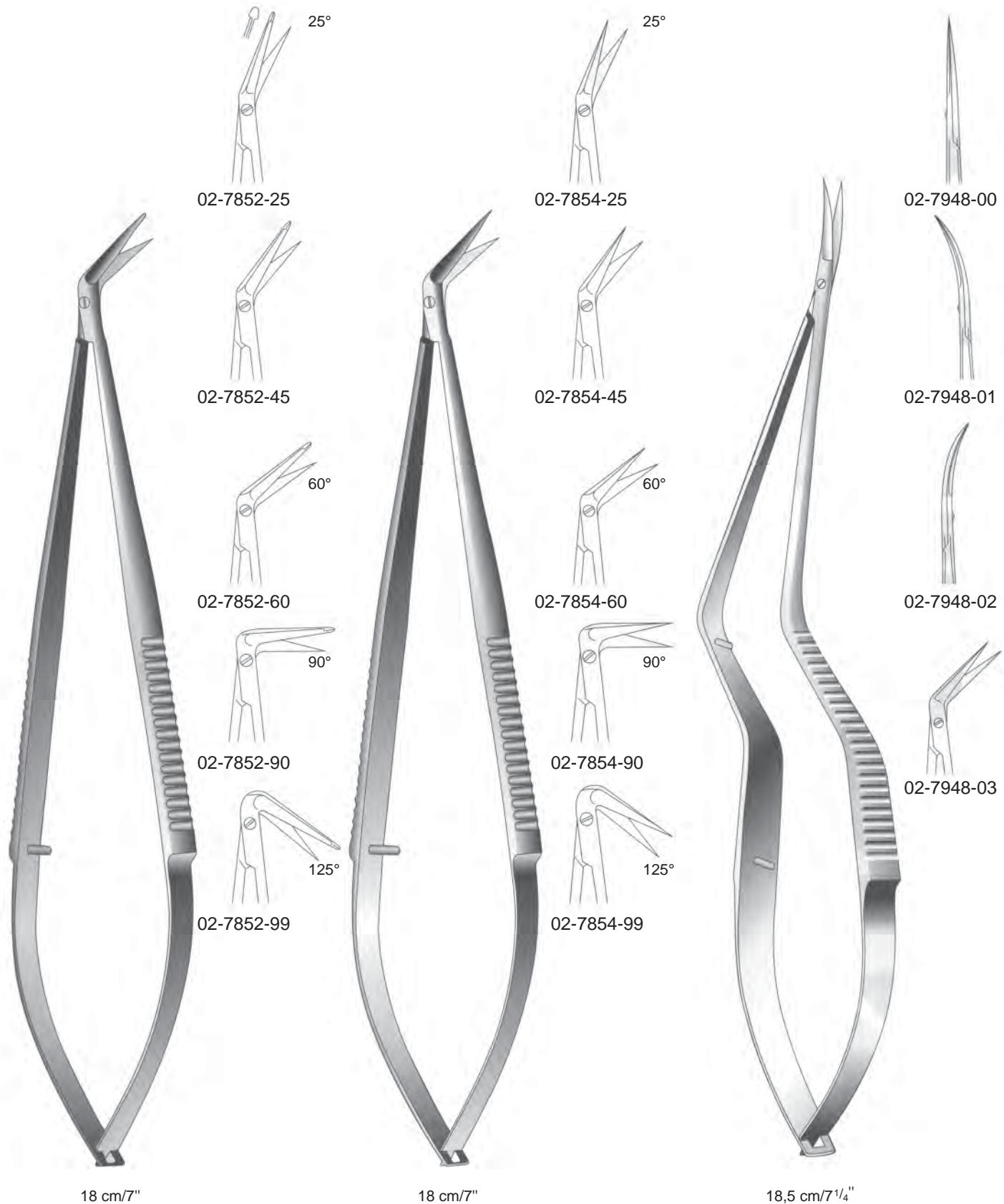
02-7849-18



02



قیچی میکرو فنری
Mikro-Fedterscheren
Micro Scissors, spring-action
Microtijeras con resorte
Micro ciseaux à ressort



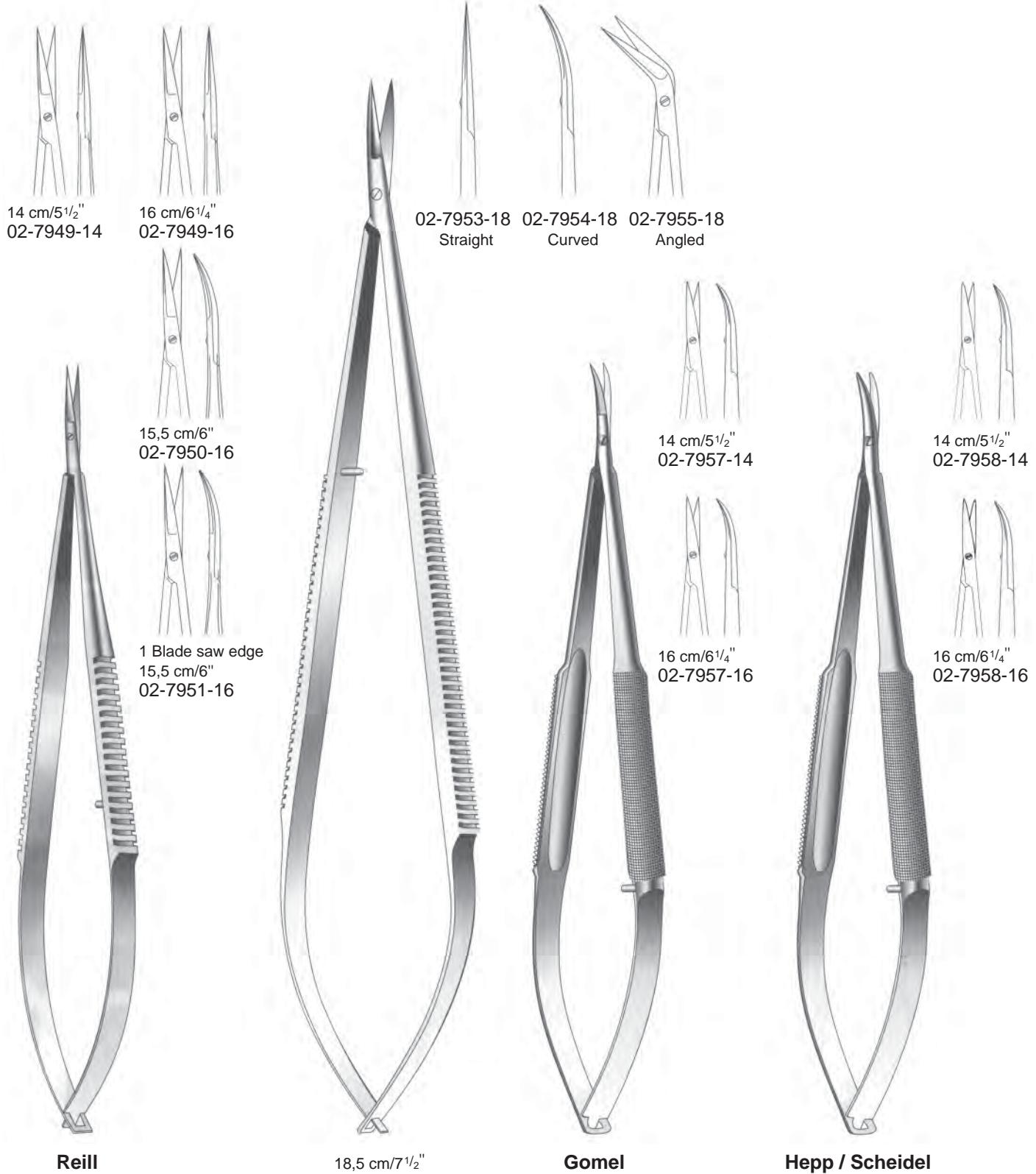
قیچی میکرو فنری

Mikro-Fedterscheren

Micro Scissors, spring-action

Microtijeras con resorte

Micro ciseaux à ressort



Reill

18,5 cm/7 1/2"

Gomel

Hepp / Scheidel

02



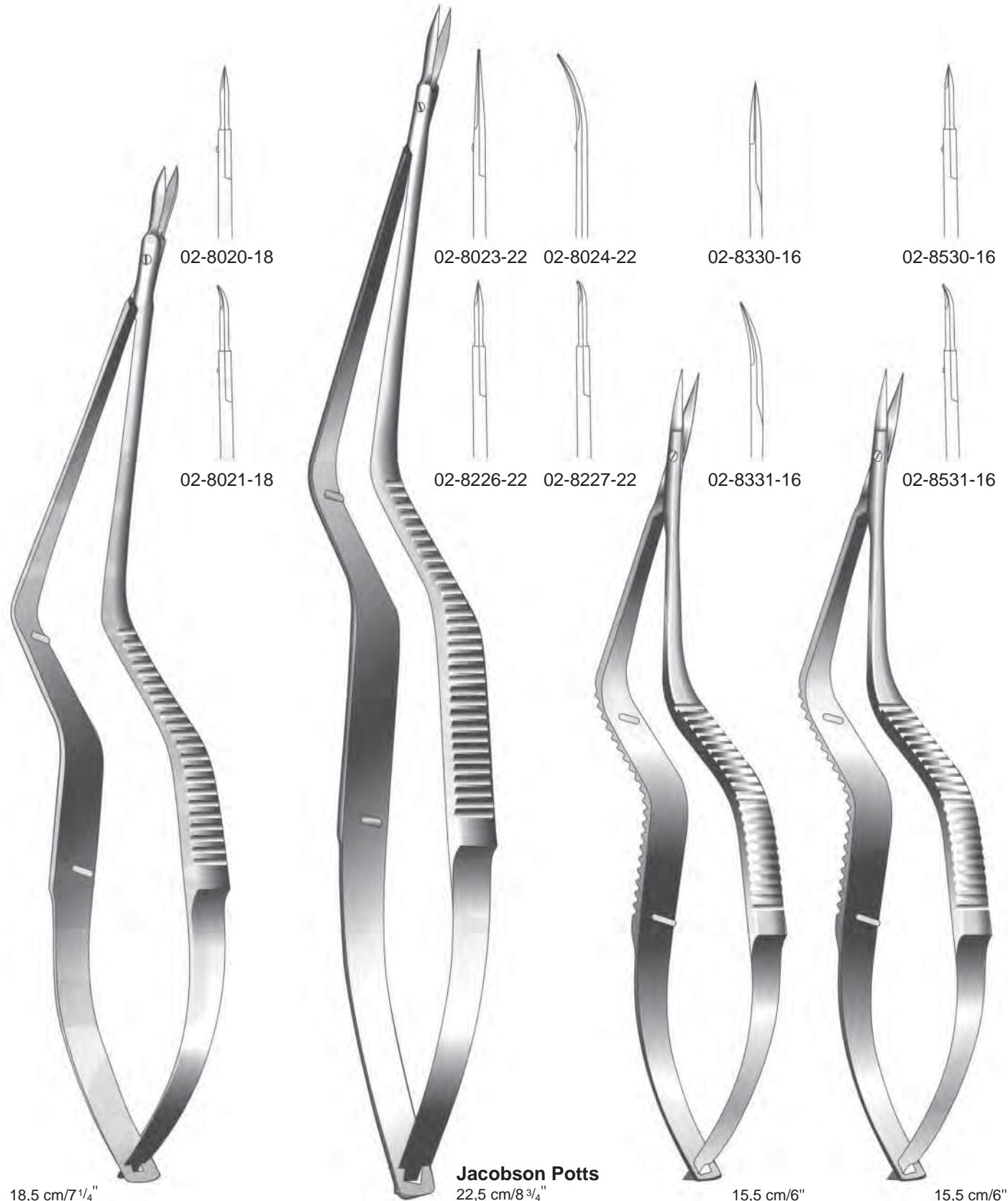
قىچى ميكرو فنرى بايوتى

Mikro-Fedterscheren

Micro Scissors, spring-action Bayonet

Microtijeras con resorte

Micro ciseaux à ressort





انواع قیچی تنگستن کارباید (دسته طلایی)

Scheren mit Hartmetalleinlagen, Univer Gold -T/C

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

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

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

03



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

**Standard**

cm	inch.			
14	5 1/2	9-110-14	9-111-14	9-112-14
16	6 1/4	9-110-16	9-111-16	9-112-16
18	7	9-110-18	9-111-18	9-112-18

**Standard**

cm	inch.			
14	5 1/2	9-120-14	9-121-14	9-122-14
16	6 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 1/2	9-120-22	9-121-22	9-122-22

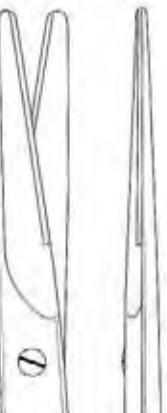
قیچی جراحی - تنگستن کارباید

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

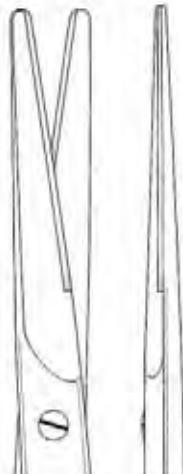


Mayo

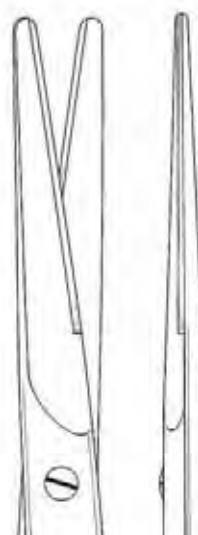
1/1



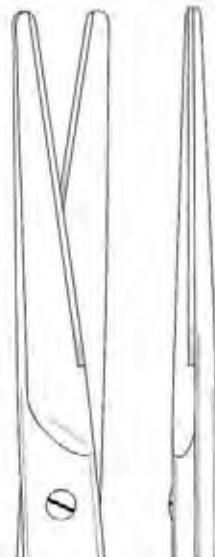
9-130-14
14 cm/5½"



9-130-17
17 cm/6¾"



9-130-20
20 cm/8"



9-130-23
23 cm/9"

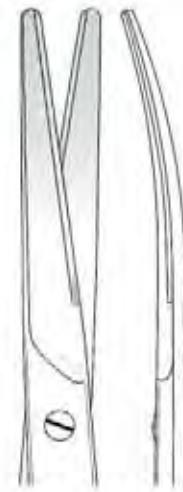


Mayo

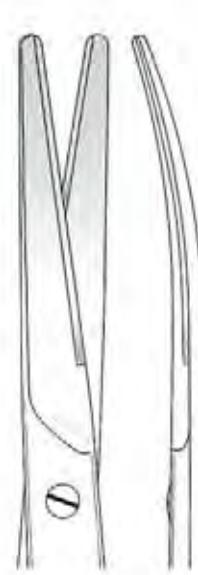
1/1



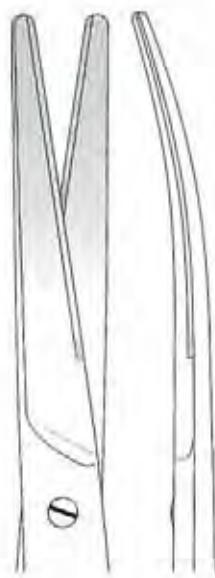
9-131-14
14 cm/5½"



9-131-17
17 cm/6¾"



9-131-20
20 cm/8"



9-131-23
23 cm/9"

03

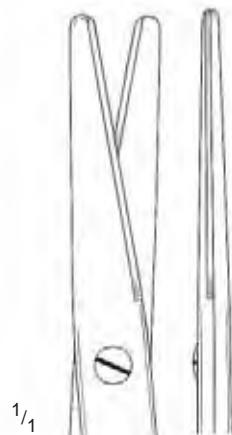


قیچی جراحی - تنگستن کارباید

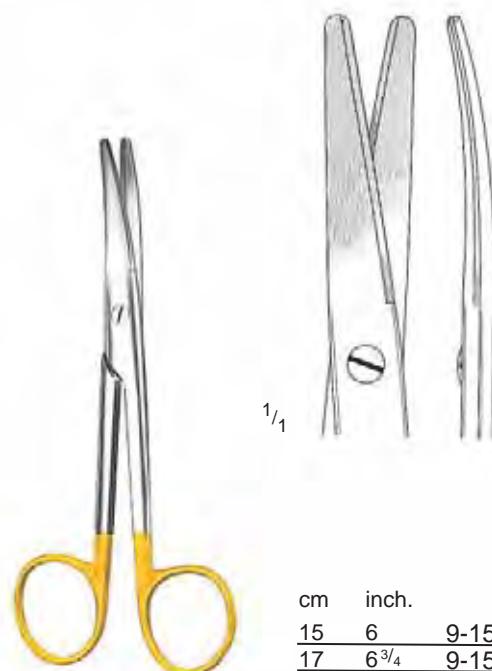
Präparierscheren, Univer Gold T/C
 Dissecting Scissors, Univer Gold T/C
 Tijeras de disección, Univer Gold T/C
 Ciseaux à dissection, Univer Gold T/C



Mayo- Stille

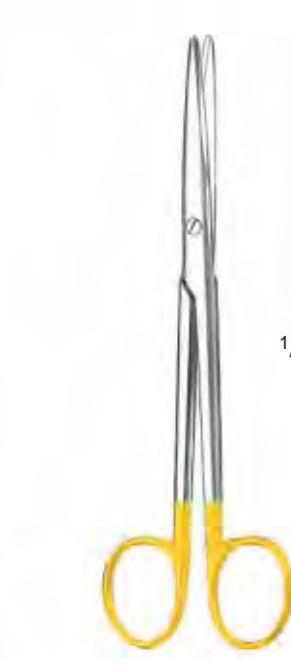
 $\frac{1}{1}$

cm	inch.	
15	6	9-150-15
17	6 $\frac{3}{4}$	9-150-17
20	8	9-150-20

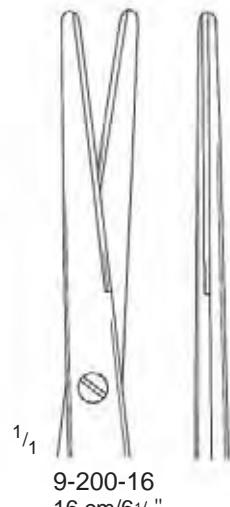


Mayo- Stille

cm	inch.	
15	6	9-151-15
17	6 $\frac{3}{4}$	9-151-17
20	8	9-151-20



Mayo- Lexer

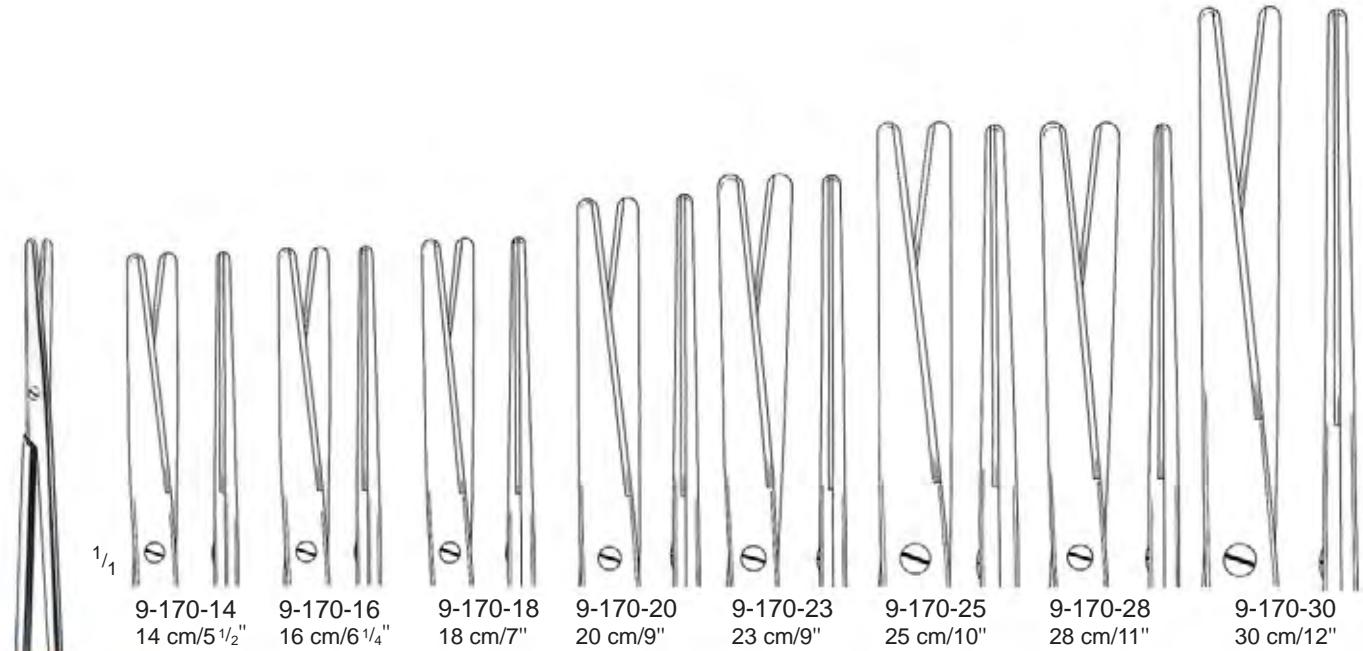
 $\frac{1}{1}$
9-200-16
16 cm/6 $\frac{1}{4}$ "

Mayo- Lexer

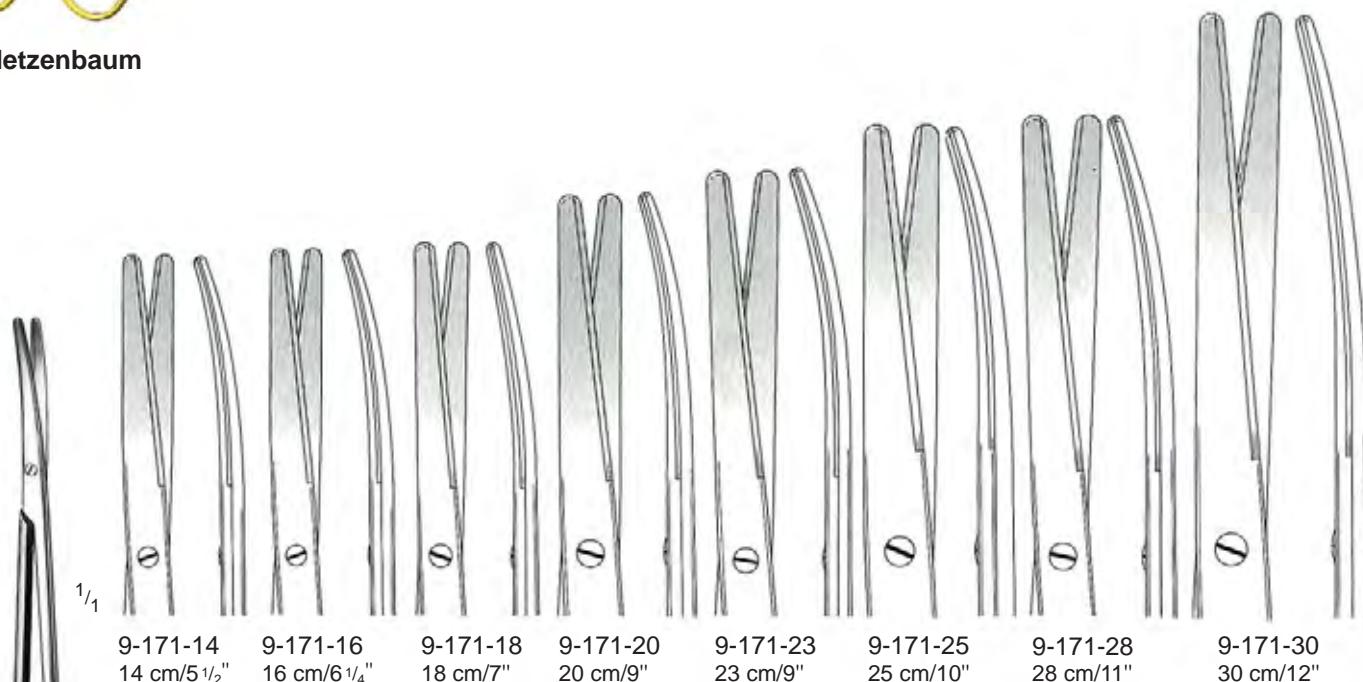
 $\frac{1}{1}$
9-201-16
16 cm/6 $\frac{1}{4}$ "

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



Metzenbaum



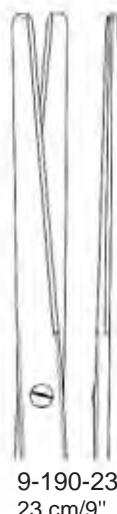
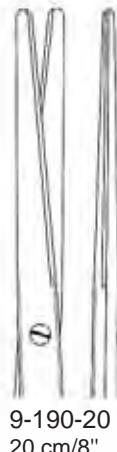
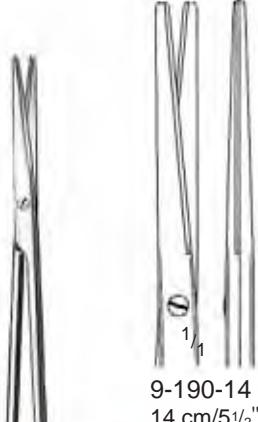
Metzenbaum

03

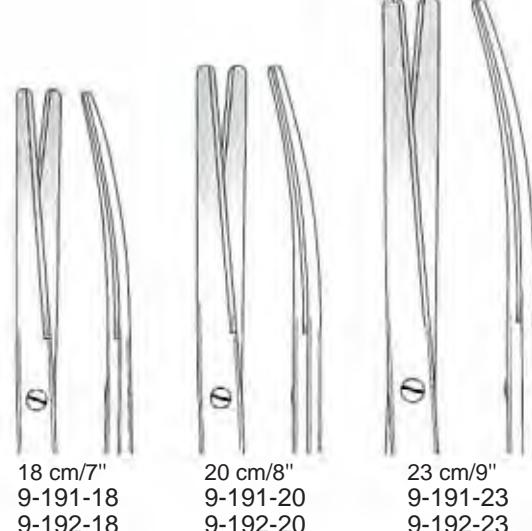
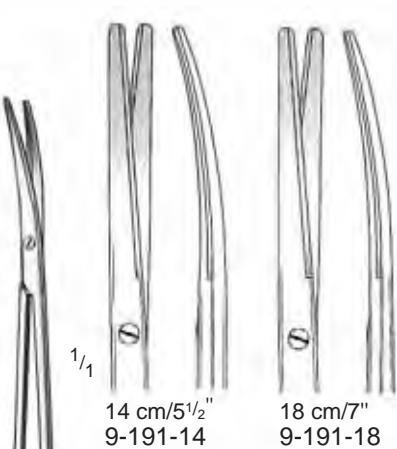


قیچی جراحی - تنگستن کارباید

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



Metzenbaum -Fino
9-191- ##



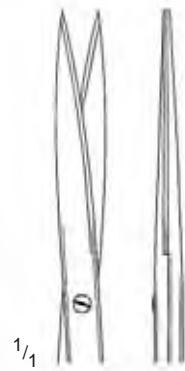
Metzenbaum -Fino
9-192- ##

قیچی جراحی - تنگستن کارباید

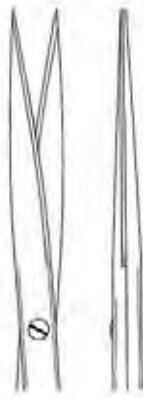
Präparierscheren, Univer Gold T/C
Dissecting Scissors, Univer Gold T/C
Tijeras de disección, Univer Gold T/C
Ciseaux à dissection, Univer Gold T/C



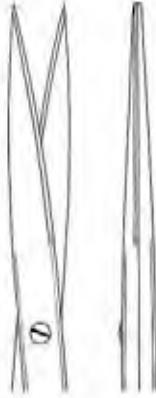
Metzenbaum -Fino



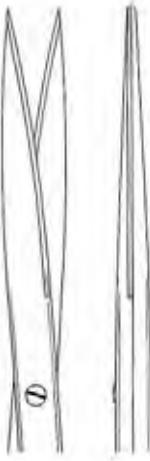
9-195-14
14 cm/5½"



9-195-18
18 cm/7"



9-195-20
20 cm/8"



9-195-23
23 cm/9"



Metzenbaum -Fino



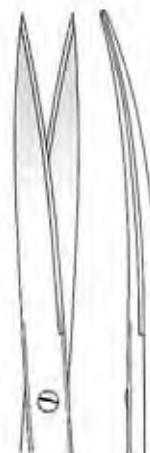
9-196-14
14 cm/5½"



9-196-18
18 cm/7"



9-196-20
20 cm/8"



9-196-23
23 cm/9"

03



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



Iris
 $\frac{1}{1}$
9-100-11
11 cm/4½"

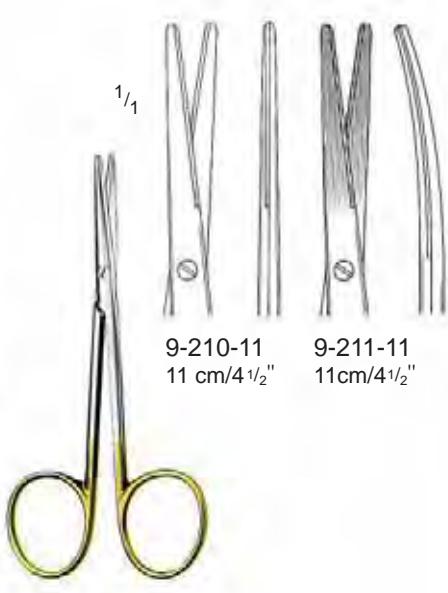
$\frac{1}{1}$
9-101-11
11 cm/4½"

**Joseph**

cm	inch.		
14	5 ½	9-209-14	9-219-14
16	6 ¼	9-209-16	9-219-16
18	7	9-209-18	9-219-18

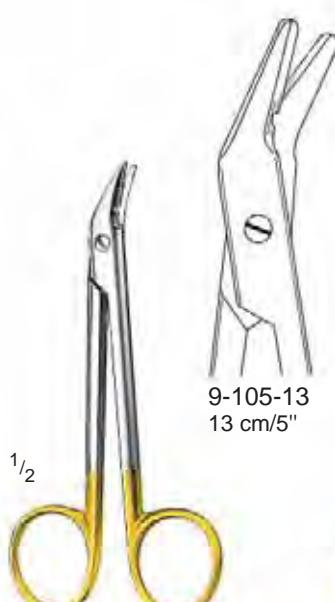


gerade
straight
rectas
droits
gebogen
curved
curvas
courbes

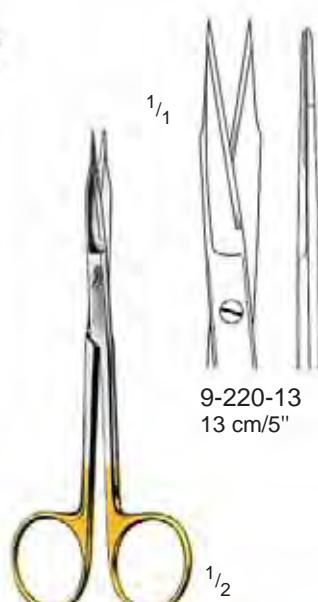
**Strabismus**

$\frac{1}{1}$
9-210-11
11 cm/4½"

$\frac{1}{1}$
9-211-11
11cm/4½"



$\frac{1}{2}$
9-105-13
13 cm/5"



$\frac{1}{1}$
9-220-13
13 cm/5"



$\frac{1}{2}$
9-221-13
13 cm/5"

**Wire Cutter
Universal**

Goldman-Fox

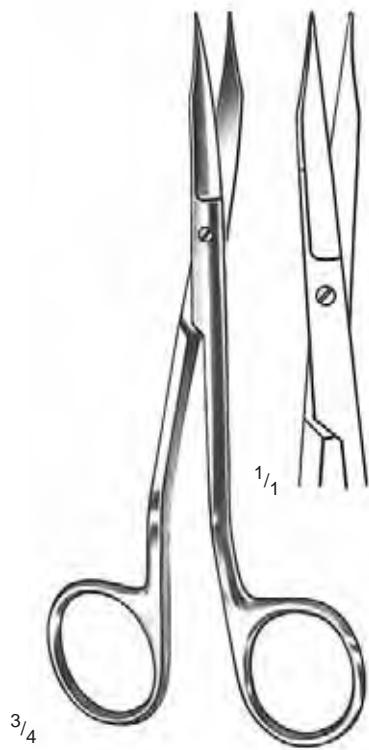
قیچی جراحی پلاستیک - تنگستان کارباید

Scheren für plastische Operationen, Univer Gold T/C

Plastic Surgery Scissors, Univer Gold T/C

Tijeras para operaciones plásticas, Univer Gold T/C

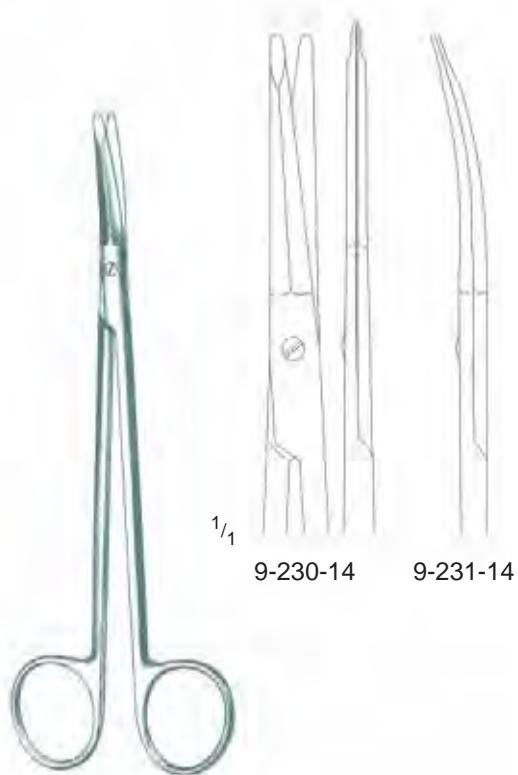
Ciseaux pour opérations plastiques, Univer Gold T/C



Goldmann Fox
13 cm/5"
9-223-13



S-gebogn
S-curved
curva forma S
courbes en S



Fomon (Lifting)
14,5 cm/5 3/4"
9-230-14 9-231-14

03



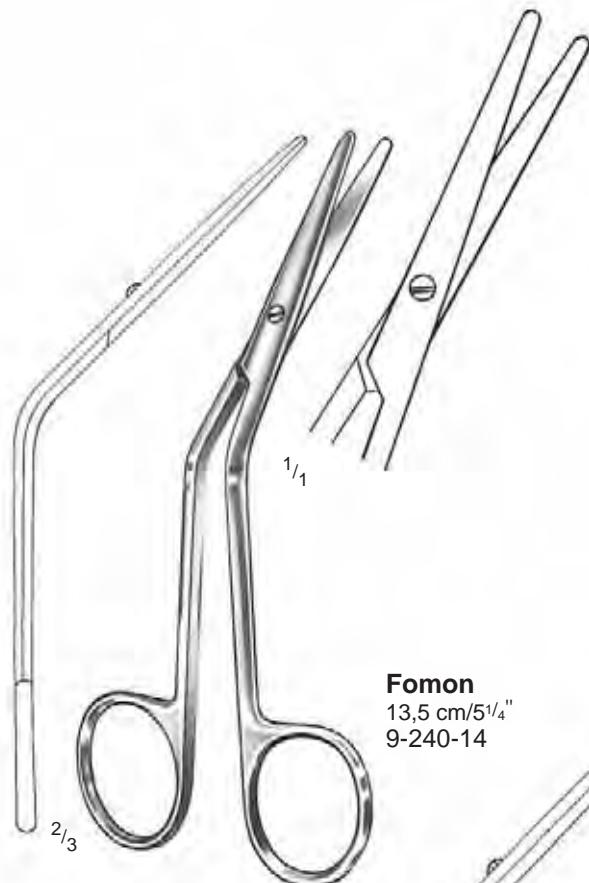
قیچی جراحی پلاستیک - تنگستان کارباید

Scheren für plastische Operationen, Univer Gold T/C

Plastic Surgery Scissors, Univer Gold T/C

Tijeras para operaciones plásticas, Univer Gold T/C

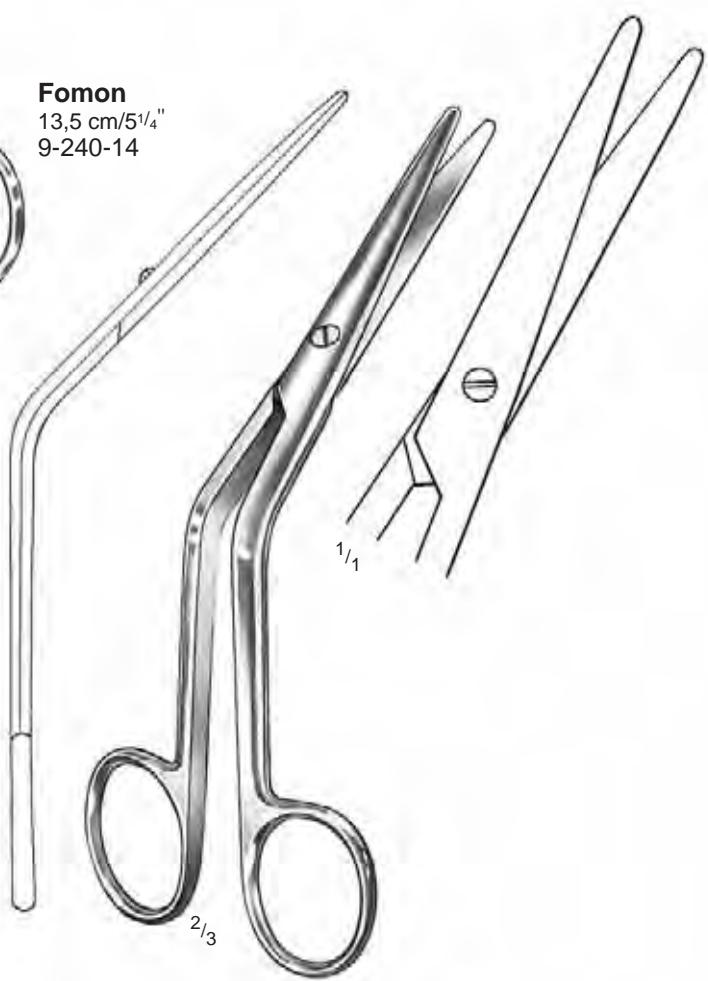
Ciseaux pour opérations plastiques, Univer Gold T/C



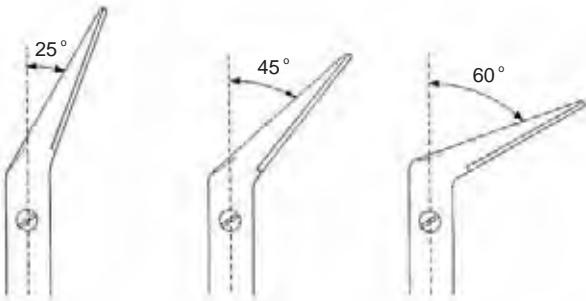
Fomon
13,5 cm/5^{1/4}"
9-240-14



Heymann
18,5 cm/7^{1/4}"
9-242-18



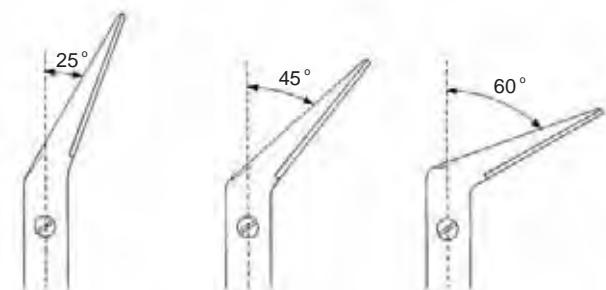
Cottle
16 cm/6^{1/2}"
9-243-16



9-300-16
16 cm/6 $\frac{1}{4}$ "

9-303-16
16 cm/6 $\frac{1}{4}$ "

9-306-16
16 cm/6 $\frac{1}{4}$ "



9-310-19
19 cm/7 $\frac{1}{2}$ "

9-311-19
19 cm/7 $\frac{1}{2}$ "

9-312-19
19 cm/7 $\frac{1}{2}$ "

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

03



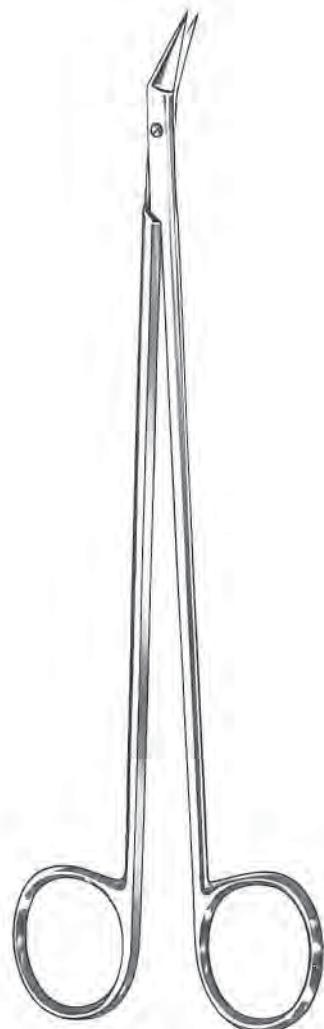
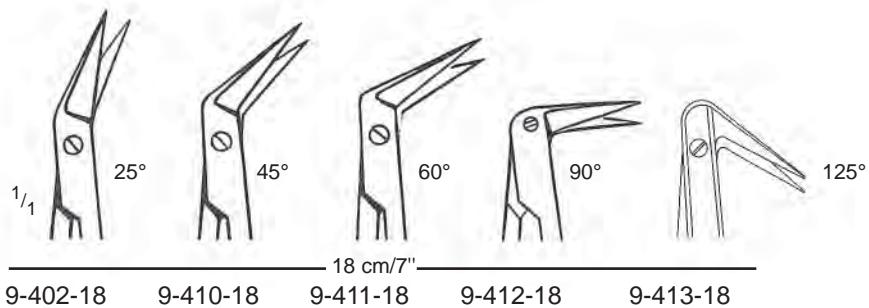
قیچی قلب و عروق - تنگستن کارباید

Gefäß- und Herzgefäßscheren, Univer Gold T/C

Vessel and Cardiac Scissors, Univer Gold T/C

Tijeras cardio-vasculares, Univer Gold T/C

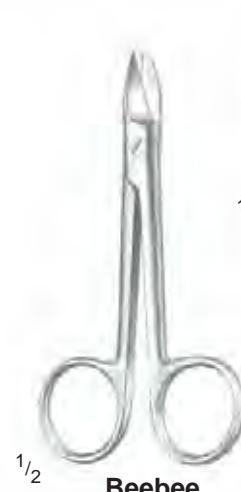
Ciseaux vasculaires et cardiaques, Univer Gold T/C



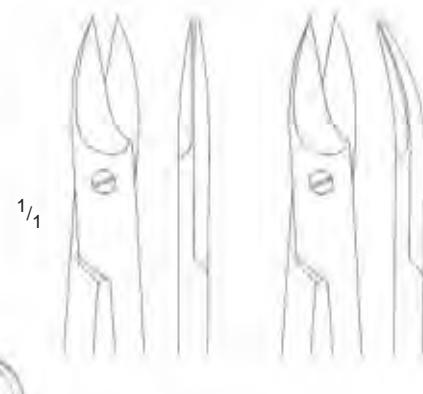
Diethrich

انواع قیچی - تنگستان کارباید

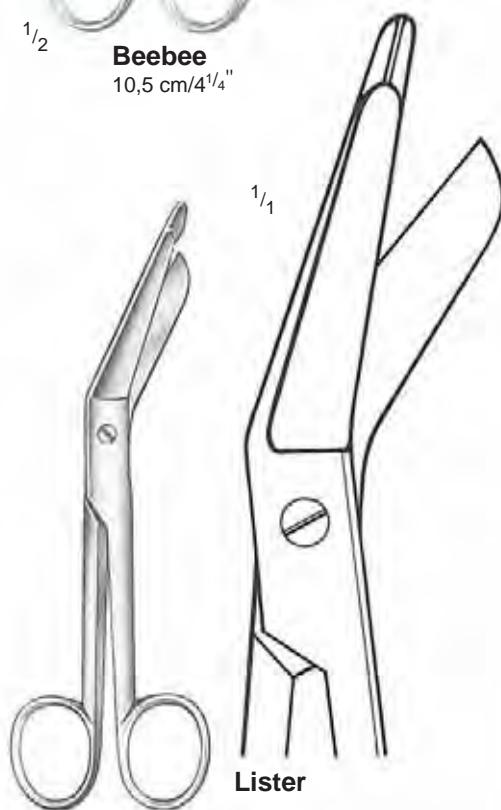
Scheren, Univer Gold T/C
Scissors, Univer Gold T/C
Tijeras, Univer Gold T/C
Ciseaux, Univer Gold T/C



Beebee
10,5 cm/4^{1/4}"

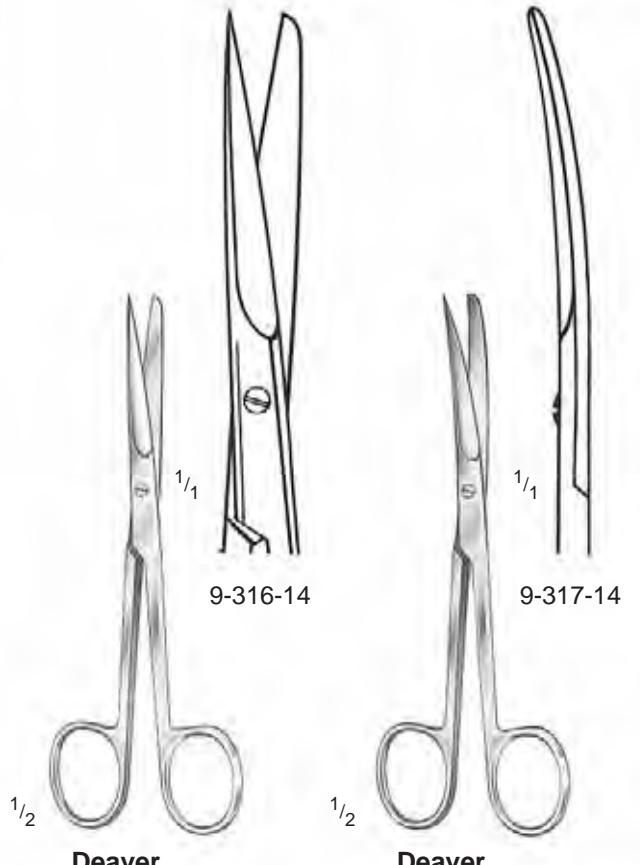


9-315-10



Lister

cm	inch.	
14	5 1/2	9-324-14
18	7	9-324-18
20	8	9-324-20



Deaver
14,5 cm/5^{1/2}"

Deaver
14,5 cm/5^{1/2}"



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

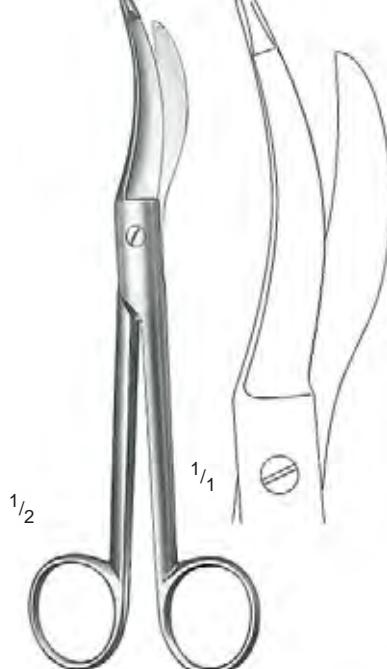
Rees (Face Lifting)
17 cm/6^{3/4}"
9-331-17

03

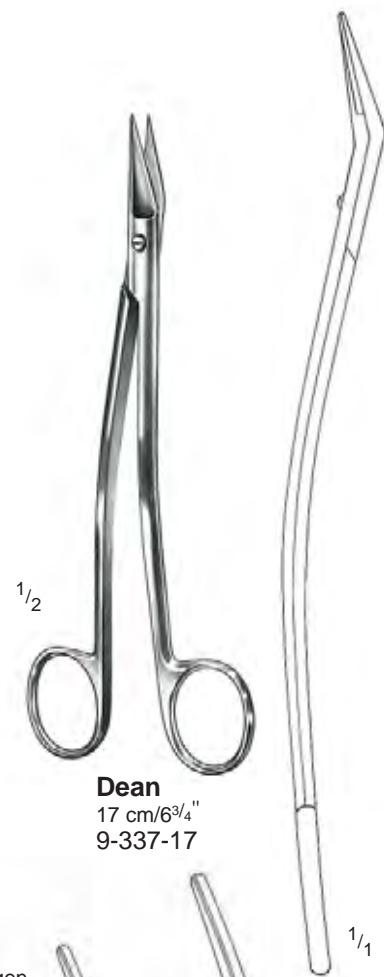


انواع قیچی - تنگستن کارباید

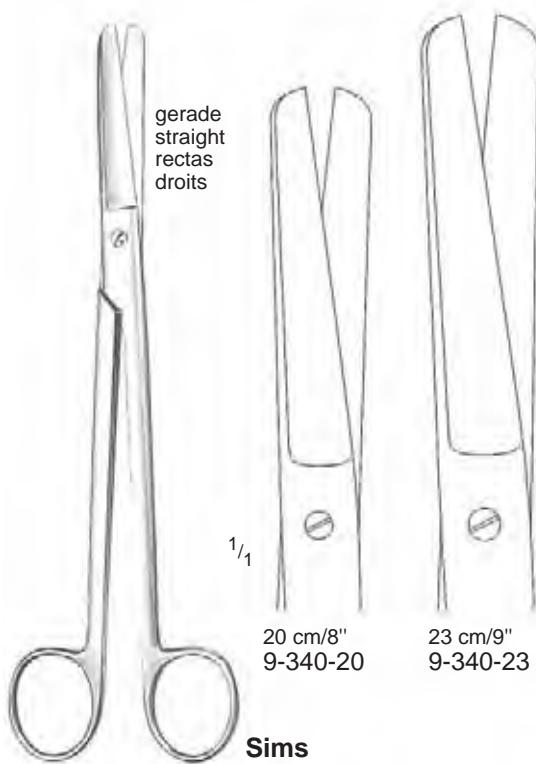
Scheren, Univer Gold T/C
Scissors, Univer Gold T/C
Tijeras, Univer Gold T/C
Ciseaux, Univer Gold T/C



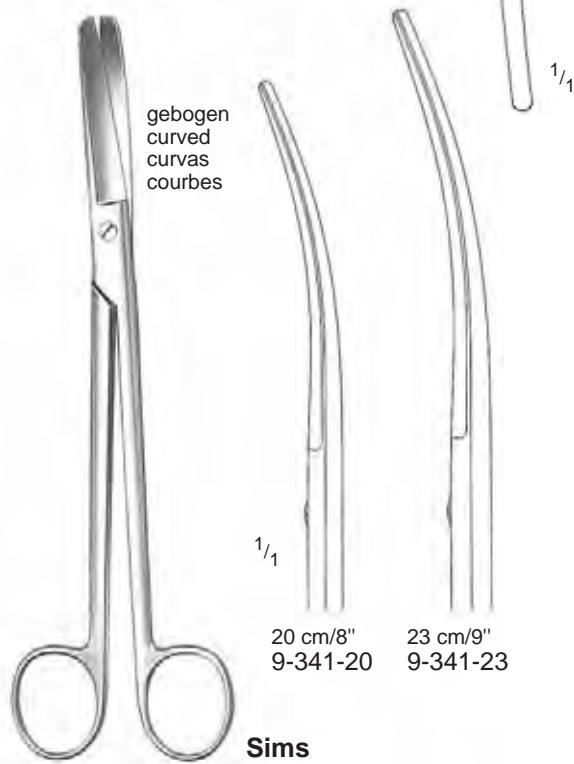
Waldmann
18 cm/7"
9-335-18



Dean
17 cm/6^{3/4}"
9-337-17



gerade
straight
rectas
droits
1/1
20 cm/8"
9-340-20
23 cm/9"
9-340-23



gebogen
curved
curvas
courbes
1/1
20 cm/8"
9-341-20
23 cm/9"
9-341-23

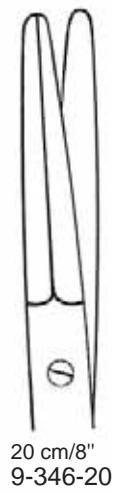
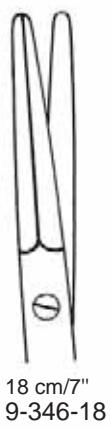
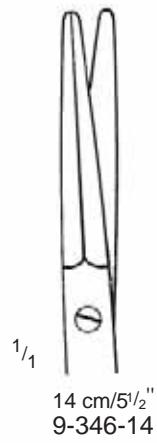
قیچی جراحی پلاستیک - تنگستان کارباید

Scheren für plastische Operationen, Univer Gold T/C

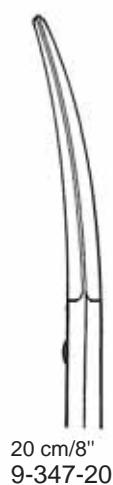
Plastic Surgery Scissors, Univer Gold T/C

Tijeras para operaciones plásticas, Univer Gold T/C

Ciseaux pour opérations plastiques, Univer Gold T/C



Kahn



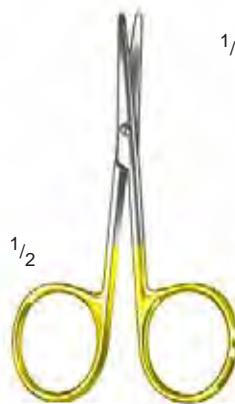
Kahn

03



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/4 $\frac{1}{4}$ "
9-348-10



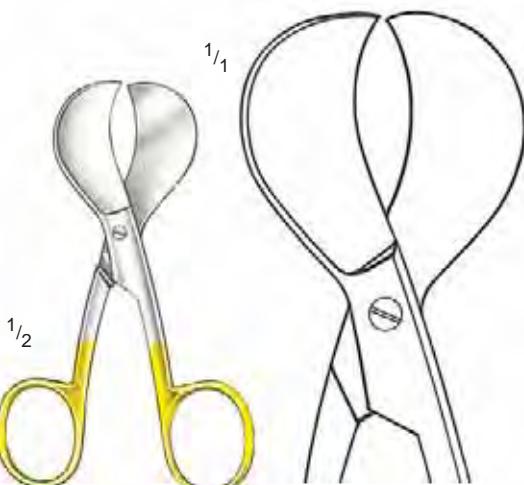
$1\frac{1}{2}$
gerade
straight
rectas
droits



Lexer-Baby
10,5 cm/4 $\frac{1}{4}$ "
9-349-10



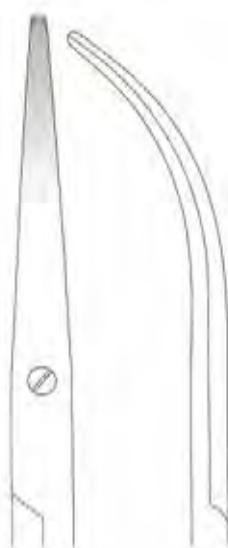
$1\frac{1}{2}$
gebogen
curved
curvas
courbes



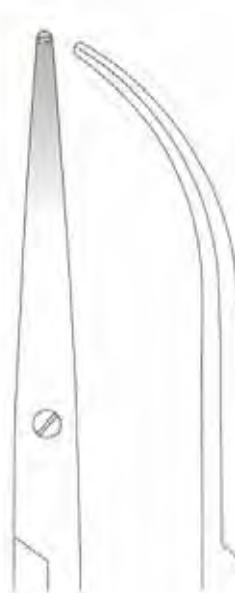
Mod.USA
10,5 cm/4 $\frac{1}{4}$ "
9-350-10



$1\frac{1}{2}$
20 cm/8"
9-353-20



23 cm/9"
9-353-23



28 cm/11"
9-353-28

Metzenbaum-Thorek

انواع قیچی - تنگستن کارباید

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



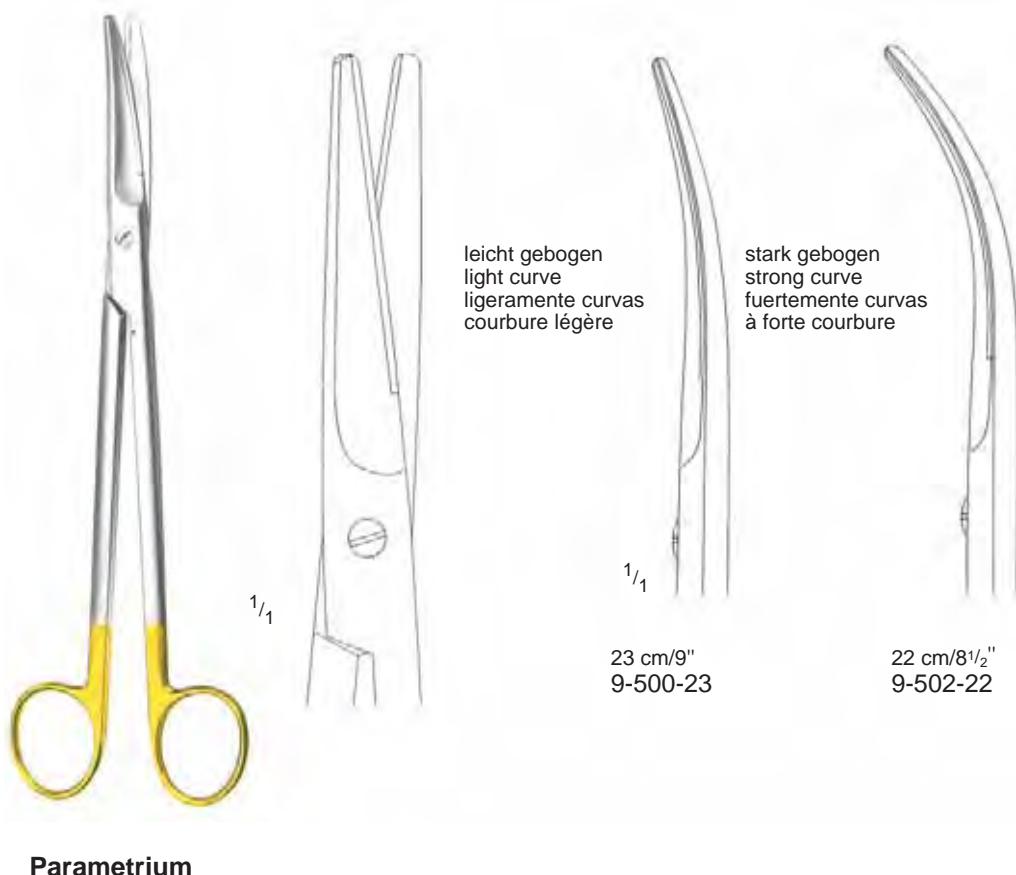
03



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

Parametrium-Scheren
Parametrium-Scissors
Tijeras Parametrium
Ciseaux Parametrium





انواع پنست

Pinzetten
Forceps
Pinzas
Pinces



پنست بدون دندانه

Anatomische Pinzetten
Dressing Forceps
Pinzas de disección
Pince à disséquer



3,4 mm



Standard

1,3 mm



sehr fein
very fine
muy finas
très fins

1,7 mm



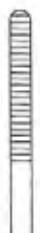
fein
delicate
finas
délicates

2,3 mm



medium

2,5 mm



schmal
slender
élancées
estrechas

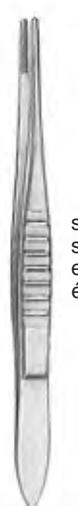
cm	inch.				
11,5	4 1/2	04-0200-11		04-0204-11	04-0208-11
13	5	04-0200-13		04-0204-13	04-0208-13
14,5	5 3/4	04-0200-14	04-0202-14	04-0204-14	04-0208-14
16	6 1/4	04-0200-16			04-0208-16
18	7	04-0200-18			04-0208-18
20	8	04-0200-20			04-0208-20
23	9	04-0200-23			04-0208-23
25	10	04-0200-25			04-0208-25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

3,4 mm 3 mm



Standard

2 mm



schmal
slender
estrechas
élancées

Modell USA

Modell USA



1/1



Schwed. Modell
Swedish pattern
Modelo Suecia
Modèle Suède

1/2

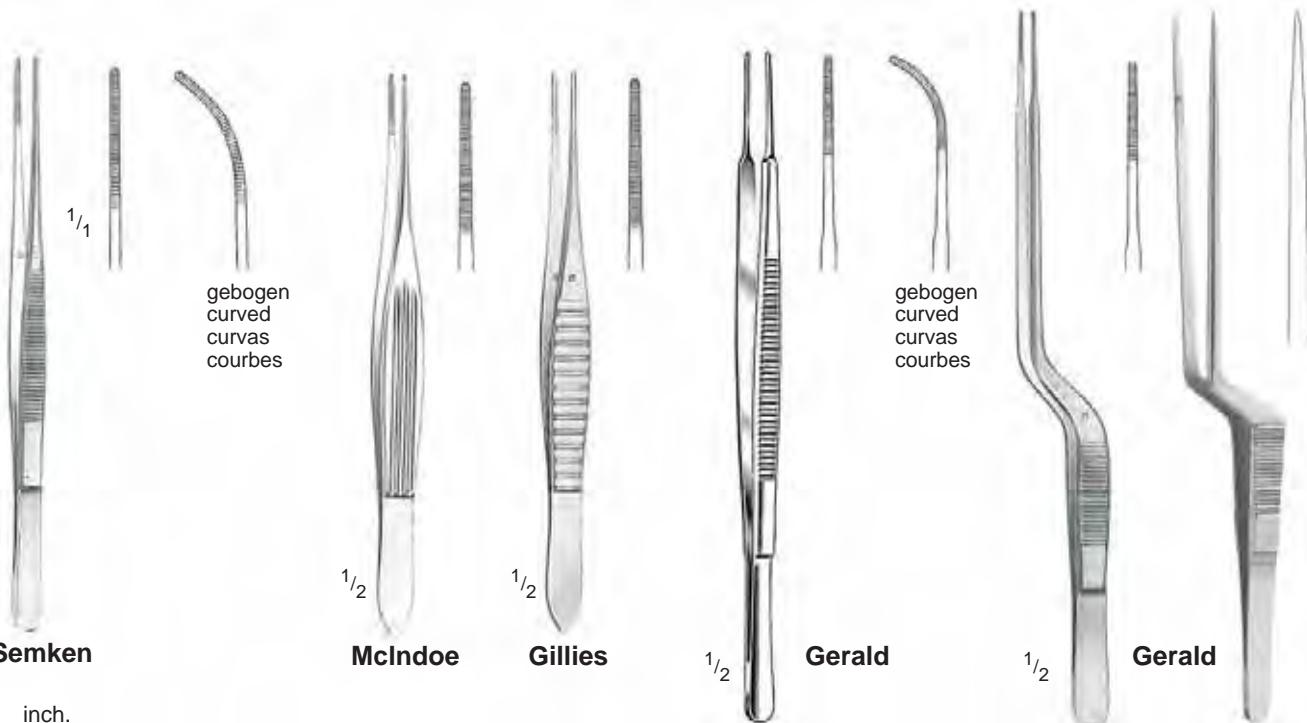
Duehrssen
20 cm/8"
04-0346-20

cm inch.

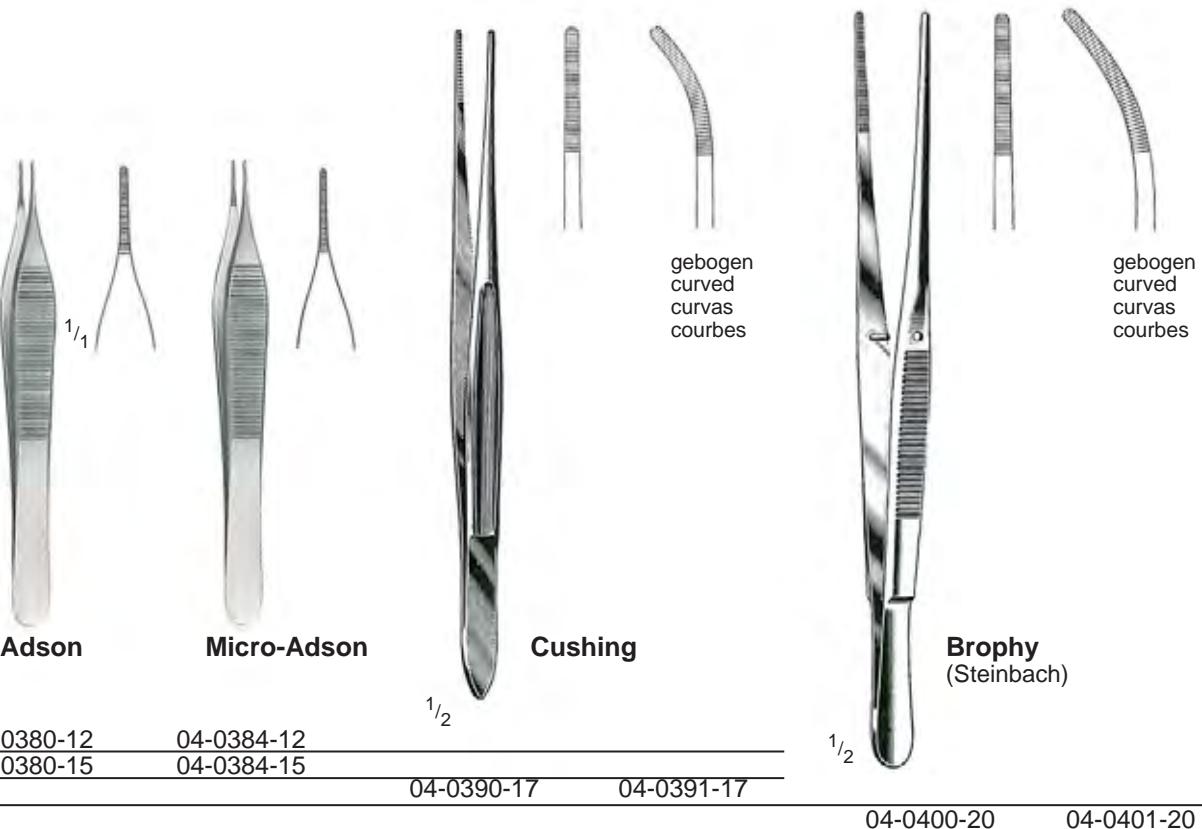
13	5	04-0309-13	04-0310-13	04-0312-13	04-0320-13
14,5	5 3/4	04-0309-14	04-0310-14	04-0312-14	
15	6	04-0309-15	04-0310-15	04-0312-15	04-0320-15
17	6 3/4				04-0320-17
20	8	04-0309-20	04-0310-20		04-0320-20
23	9	04-0309-23	04-0310-23		04-0320-23

پنست بدون دندانه ظریف

Feine anatomische Pinzetten
Fine Dressing Forceps
Pinzas de disección finas
Pinces à disséquer à mors fins



cm	inch.		
13	5	04-0350-13	04-0351-13
14,5	5 3/4	04-0350-14	04-0351-14
15	6		04-0360-15 04-0366-15
16	6 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



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

04



پنست بدون دندانه ظریف
Feine anatomische Pinzetten
Fine Dressing Forceps
Pinzas de disección finas
Pince à disséquer à mors fins



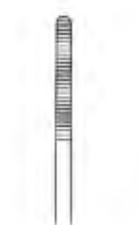
18 cm/7"
04-0420-18

1/1
18 cm/7"
04-0421-18



21 cm/8 1/4"
04-0420-21

21 cm/8 1/4"
04-0421-21



25 cm/10"
04-0420-25

25 cm/10"
04-0421-25



30 cm/12"
04-0420-30

30 cm/12"
04-0421-30

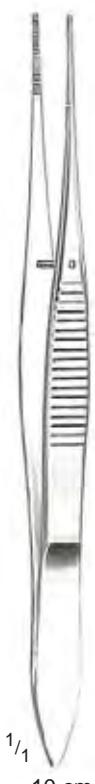


Potts-Smith

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

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

Waugh



04-0550-01

04-0550-02

04-0550-03

10 cm/4"



1/1



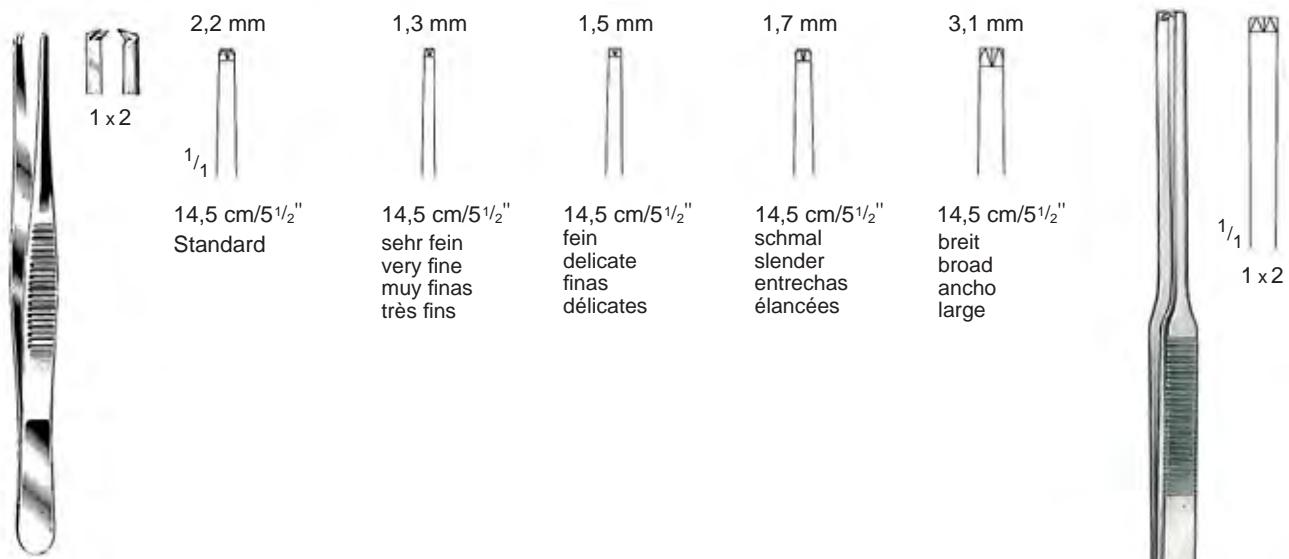
cm inch.

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

پنست دندانه دار

Chirurgische Pinzetten
Tissue Forceps
Pinzas quirúrgicas
Pince à griffes

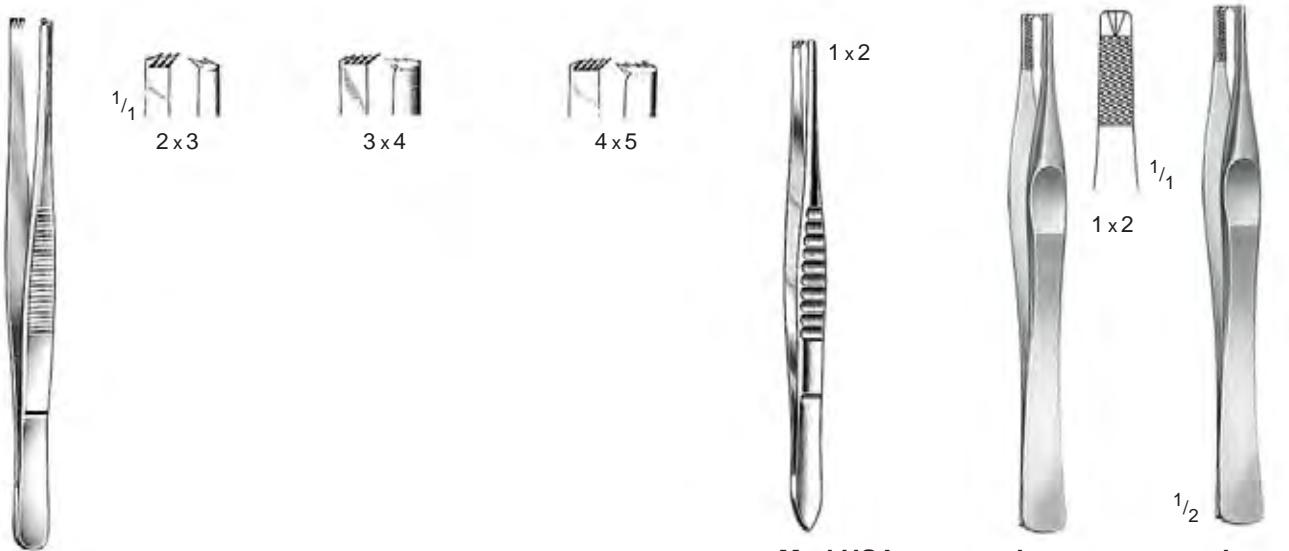
Univer® 04



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	04-1216-14
16	6 1/4	04-1200-16		04-1208-16	04-1216-16
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

Duehrssen



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
16	6 1/4	04-1223-16	04-1234-16	04-1245-16		04-1334-14
18	7	04-1223-18				
20	8	04-1223-20			04-1332-20	

پنست دندانه دار ظریف

Feine chirurgische Pinzetten

Fine Tissue Forceps

Pinzas de disección con dientes finas

Pince á griffes fins



Semken



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



McIndoe

$1\frac{1}{2}$



Gillies

$1\frac{1}{2}$



Gerald

$1\frac{1}{2}$



$1\frac{1}{1}$
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



$1\frac{1}{2}$

Gerald



Adson



$1\frac{1}{2}$

Adson



Micro-Adson



$1\frac{1}{2}$

Cushing



$1\frac{1}{1}$
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 دندانه دار ظریف

Feine chirurgische Pinzetten
Fine Tissue Forceps
Pinzas de disección con dientes finas
pinces à griffes fins



Univer® 04



1 x 2
 $1/1$
18 cm/7"
04-1420-18



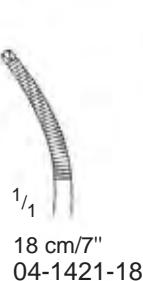
21 cm/8 $\frac{1}{4}$ "
04-1420-21



25 cm/10"
04-1420-25



30 cm/12"
04-1420-30



18 cm/7"
04-1421-18



21 cm/8 $\frac{1}{4}$ "
04-1421-21



25 cm/10"
04-1421-25



30 cm/12"
04-1421-30

Potts-Smith

Mikroskopische Pinzetten
Microscopic Forceps
Pinzas para microscopio
Pinces pour microscope

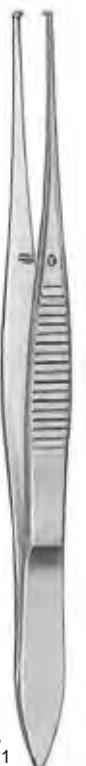


Brophy (Steinbach)
20 cm/8"



04-1400-20 04-1401-20

1 x 2



04-1550-04



04-1550-05



04-1550-06

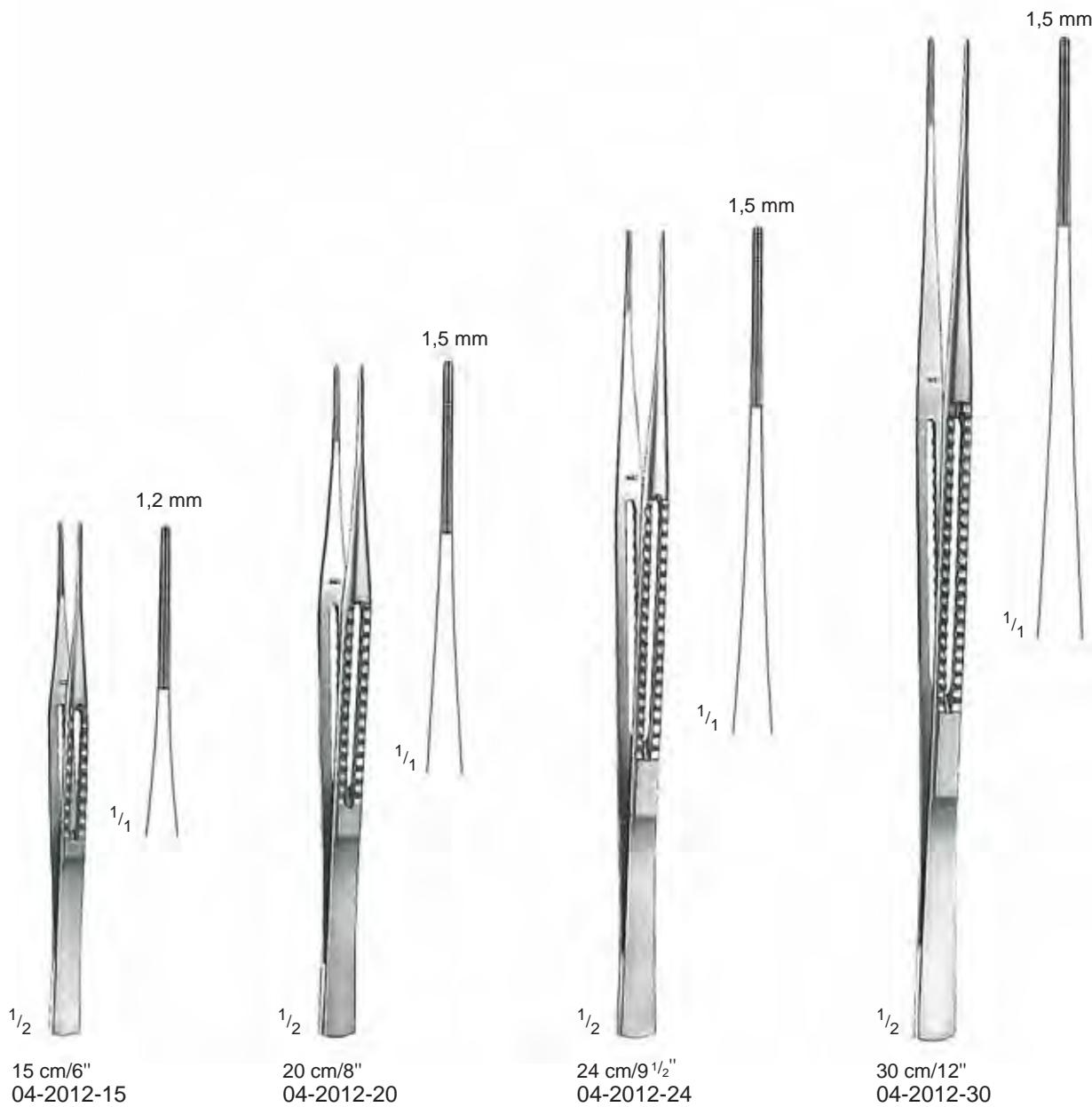
04



پنست عروقی

Atrauma Gefäßpinzetten
Atrauma Vascular Forceps
Atrauma Pinzas vasculares
Atrauma Pinces vasculaires

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



پنسٽ عروقی

Atrauma Gefäßpinzetten
Atrauma Vascular Forceps
Atrauma Pinzas vasculares
Atrauma pinces vasculaires



Univer®

04



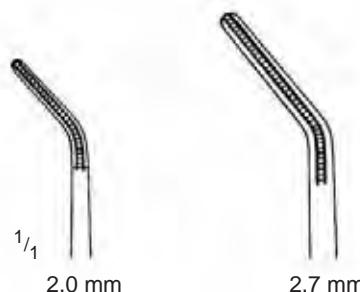
1/1
1,5 mm

cm	inch.	
15	6	04-2015-15
20	8	04-2015-20
24	9 1/2	04-2015-24



1/1
1,5 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 1/2	04-2115-24	04-2120-24	04-2128-24
26	10 1/2	04-2115-26	04-2120-26	04-2128-26
30	12		04-2120-30	04-2128-30



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 1/2	04-2121-24	04-2127-24
30	12	04-2121-30	04-2127-30

DeBakey-Diethrich

DeBakey

04



پنسٽ عروقی

Atrauma Gefäßpinzetten
Atrauma Vascular Forceps
Atrauma Pinzas vasculares
Atrauma pinces vasculaires



1,2 mm



2,7 mm



3,5 mm



2,0 mm



18 cm/7" 04-2948-20
 21 cm/8 1/4" 04-2951-20

2,0 mm

1/1

15 cm/6" 04-2944-12
 18 cm/7" 04-2948-12
 21 cm/8 1/4" 04-2951-12

DeBakey

DeBakey

Cooley

DeBakey

Ø 8 mm

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

Pince à fixer et à saisir



04

mit Fadenplatte
with tying platform
con plataforma
avec plateforme



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

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

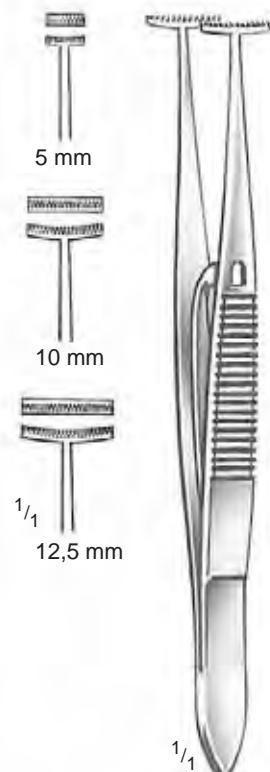
mit Schloß
with spring catch
con cierre de resorte
avec arrêt à ressort

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



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

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



پنست گراسپینگ عروق و تومور

Faßpinzetten

Grasping Forceps

Pinzas para coger

Pince pour préhension



1/1

16 cm/6 $\frac{1}{4}$ "
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 $\frac{1}{4}$ "
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
Pince vasculaires et pinces pour tumeurs

Adlerkreutz

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



1/1
4 x 5 Zähne
teeth
dientes
dents

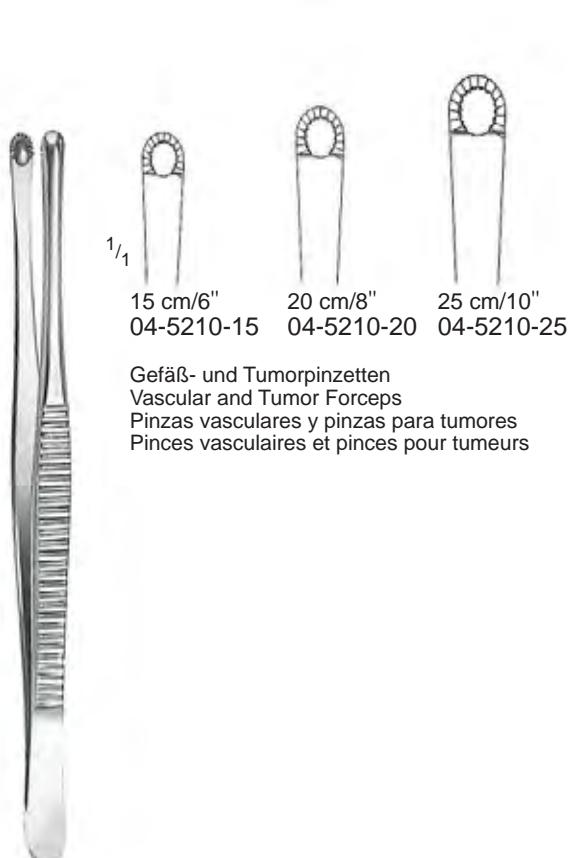


5 x 6 Zähne
teeth
dientes
dents

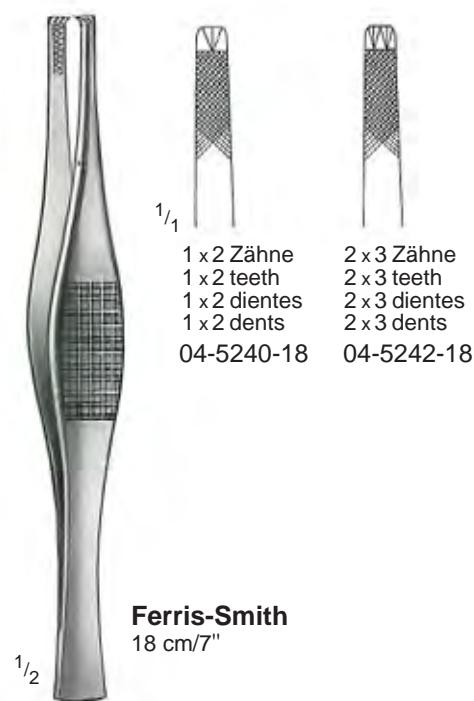
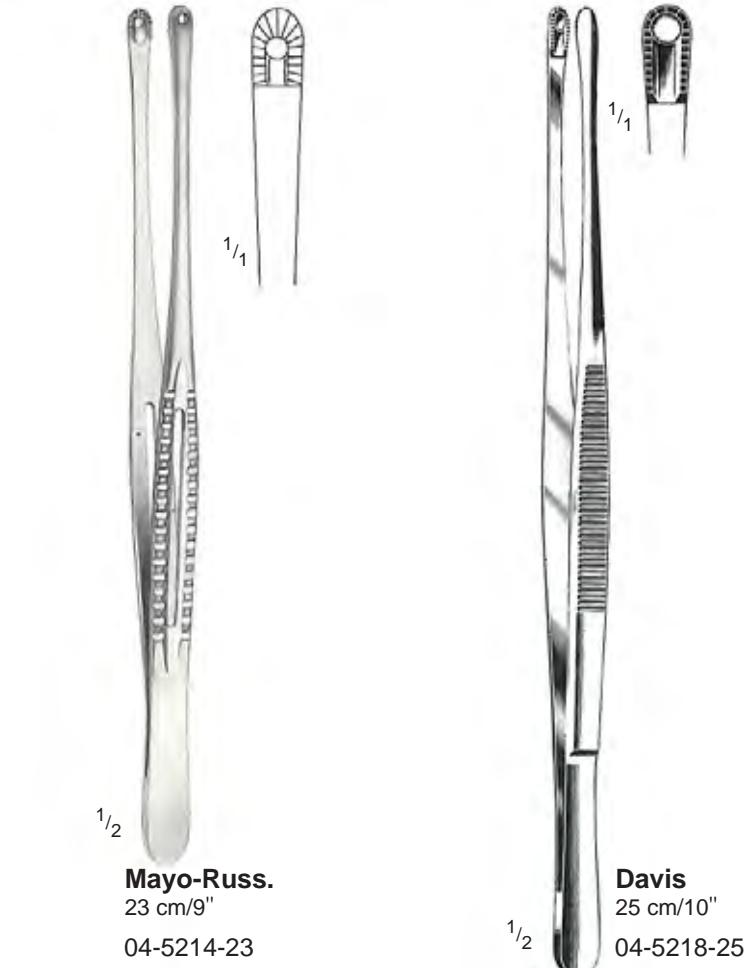
Stille-Barraya

Stone
15 cm/6"
04-5140-15

Lerche
15 cm/6"
04-5146-15



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





پنست گراسپینگ رو ده - ریه

Faßpinzetten

Grasping Forceps

Pinzas para coger

Pince pour préhension



1/1

14,5 cm/5½"

04-5250-14

1/1

16 cm/6¼"

04-5250-16

1/1

20 cm/8"

04-5250-20

Durante

Lungenfaßpinzetten

Lung Grasping Forceps

Pinzas para coger el pulmón

Pinces pour préhension du poumon

Darmpinzetten

Intestinal Forceps

Pinzas intestinales

Pinces pour préhension de l'intestin



Zähne stumpf
teeth blunt
dientes romas
dents mousses

11 cm/4½" 04-5274-11
15 cm/6" 04-5274-15

Allis



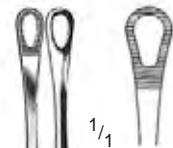
1/1

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



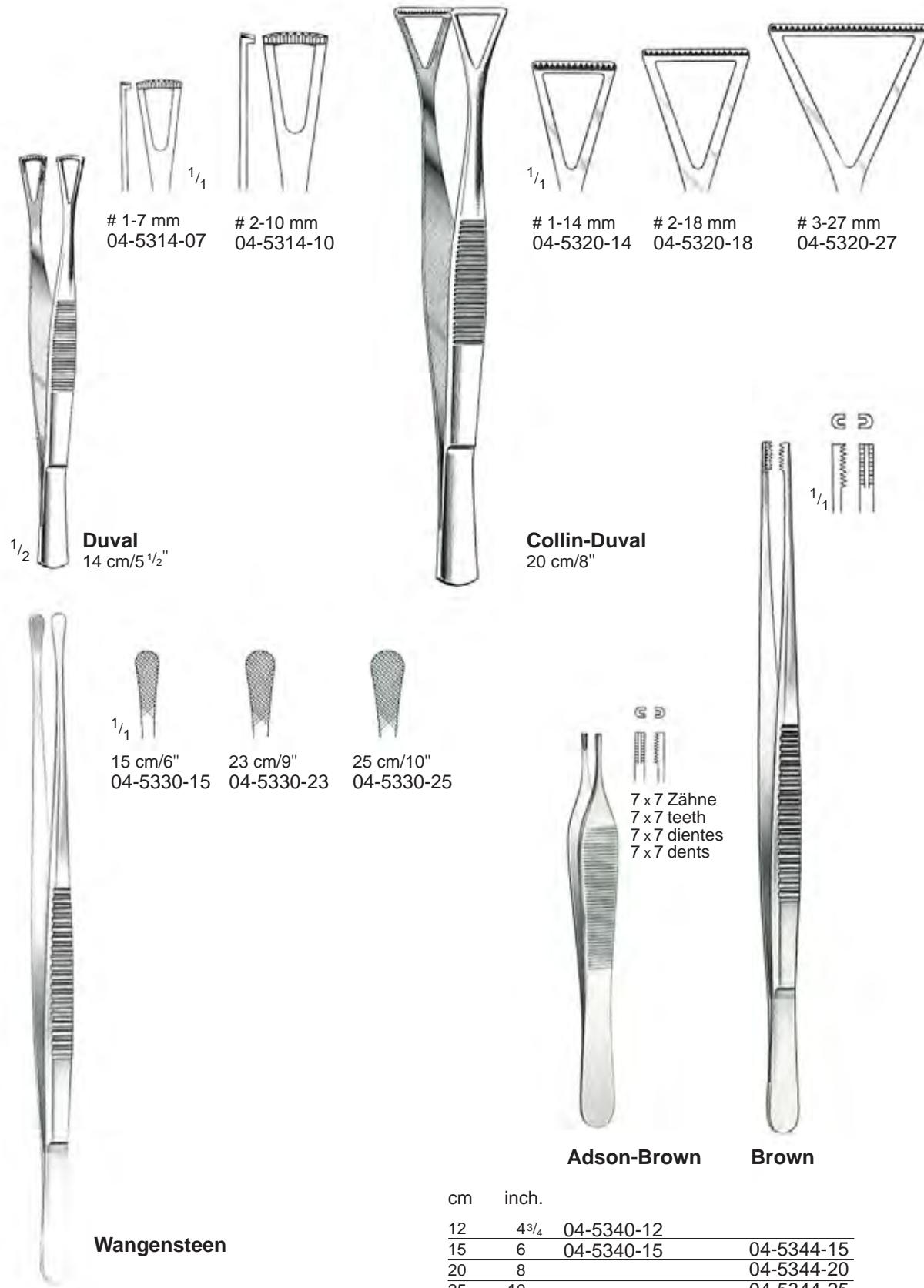
Zähne stumpf
teeth blunt
dientes romas
dents mousses

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

Allis

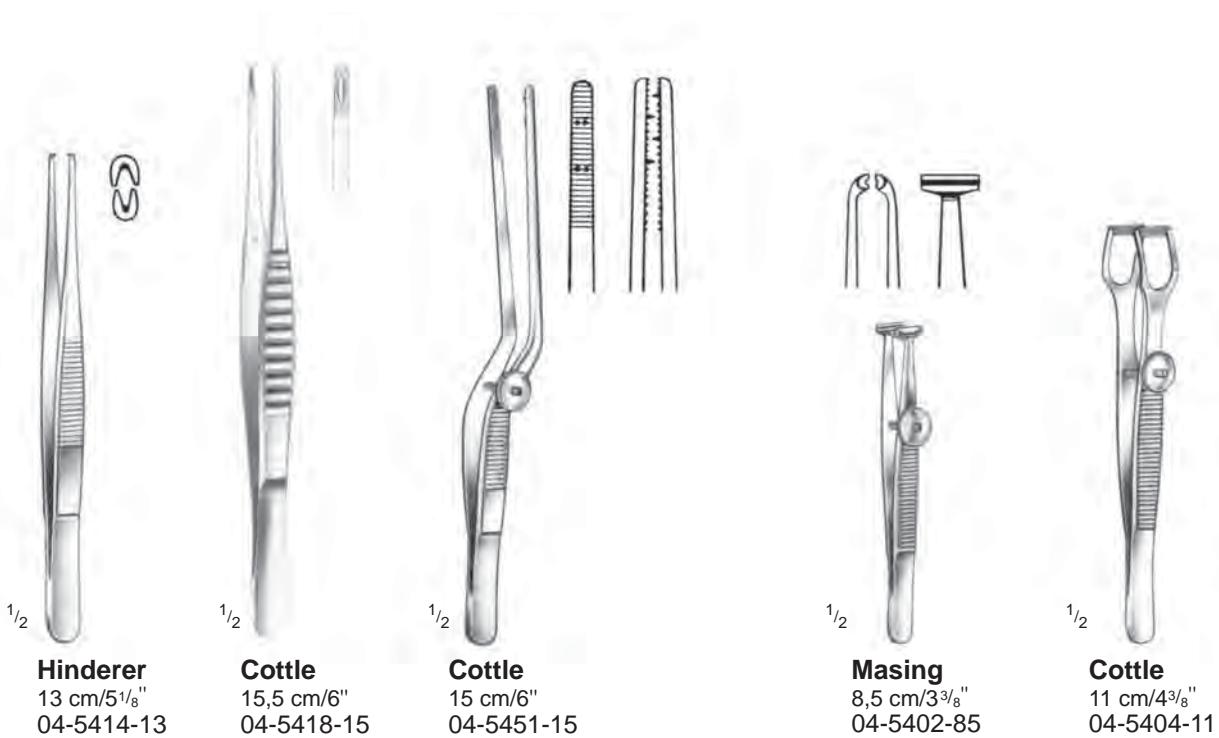
پنست مثلثی - پنست غضروف

Faßpinzetten und Knorpelfaß pinzetten
Grasping Forceps and Cartilage Forceps
Pinzas para coger y cartilagos
Pinces pour préhension et cartilages



انواع پنست

Verschiedene Pinzetten
Various Forceps
Varias pinzas
Pince diverses



پنست بايونت بینی و گوش

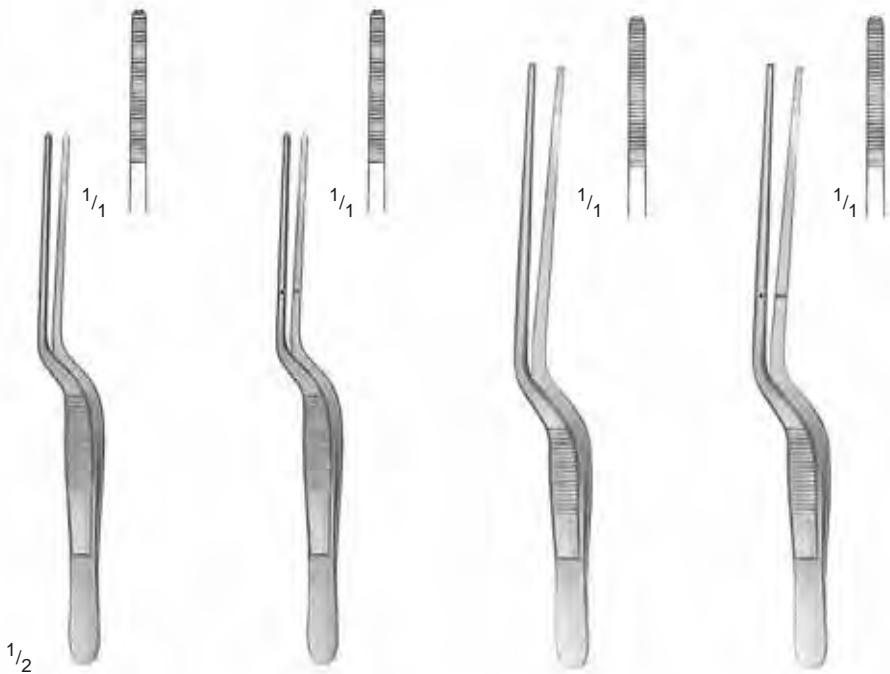
Ohr-und Nasenpinzetten

Ear and Nasal Dressing Forceps

Pinzas auriculares y nasales

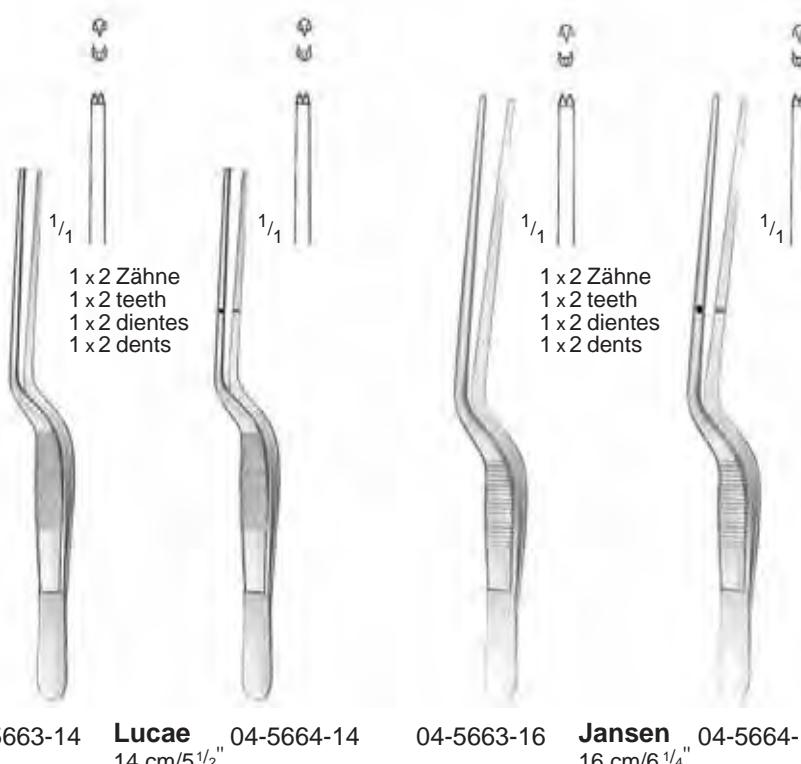
Pinces auriculaires et nasaux

 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



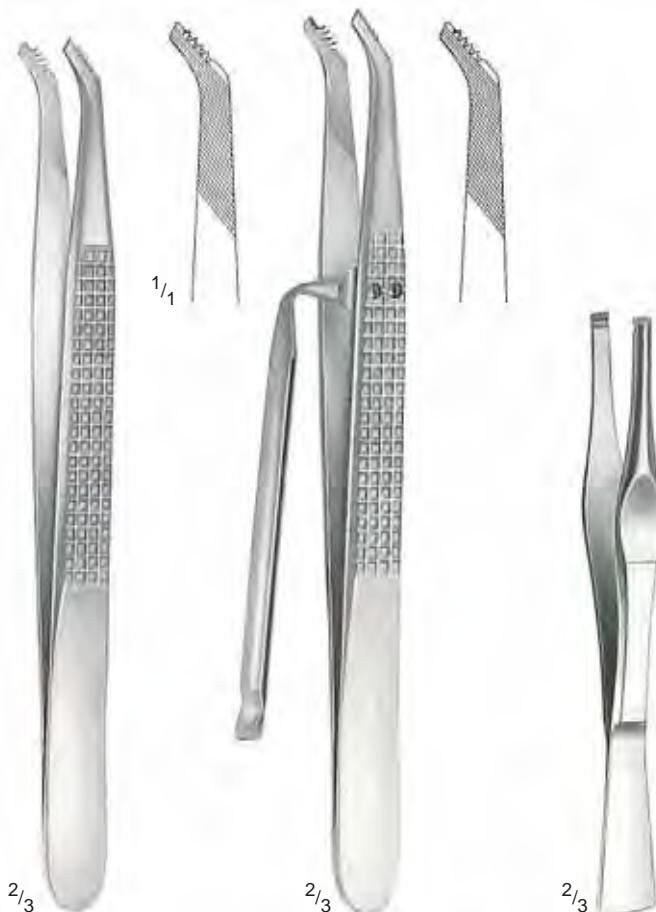


أنواع پنست

Verschiedene Pinzetten
Various Forceps
Varias pinzas
Pince diverses

Wundrand- und Klammeranlegepinzetten
Approximation- and Clip Applying Forceps
Pinzas para poner agrafes y pinzas para juntar los bordes de la herida
Pinces 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

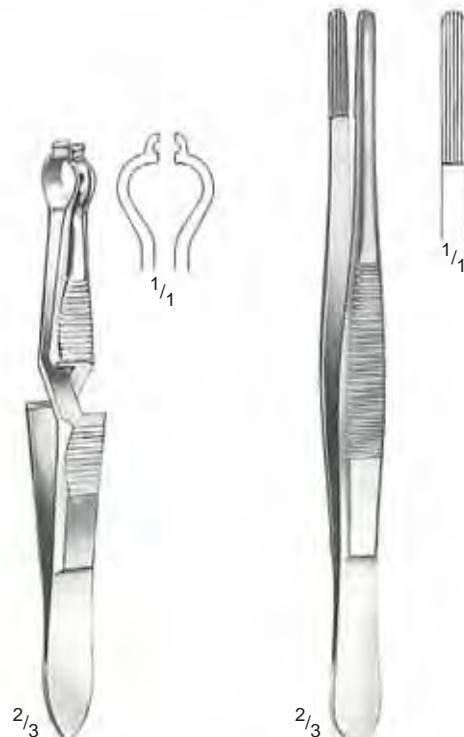
Childe
18 cm/7"
04-5711-18

Michel
12 cm/4^{3/4}"
04-5720-12

Wachenfeldt
12 cm/4^{3/4}"
04-5730-12

Ochsner
14,5 cm/5^{3/4}"
04-5760-14

Ligaturpinzette
Ligature Carrier
Pinza para ligaduras
Pince à ligatures



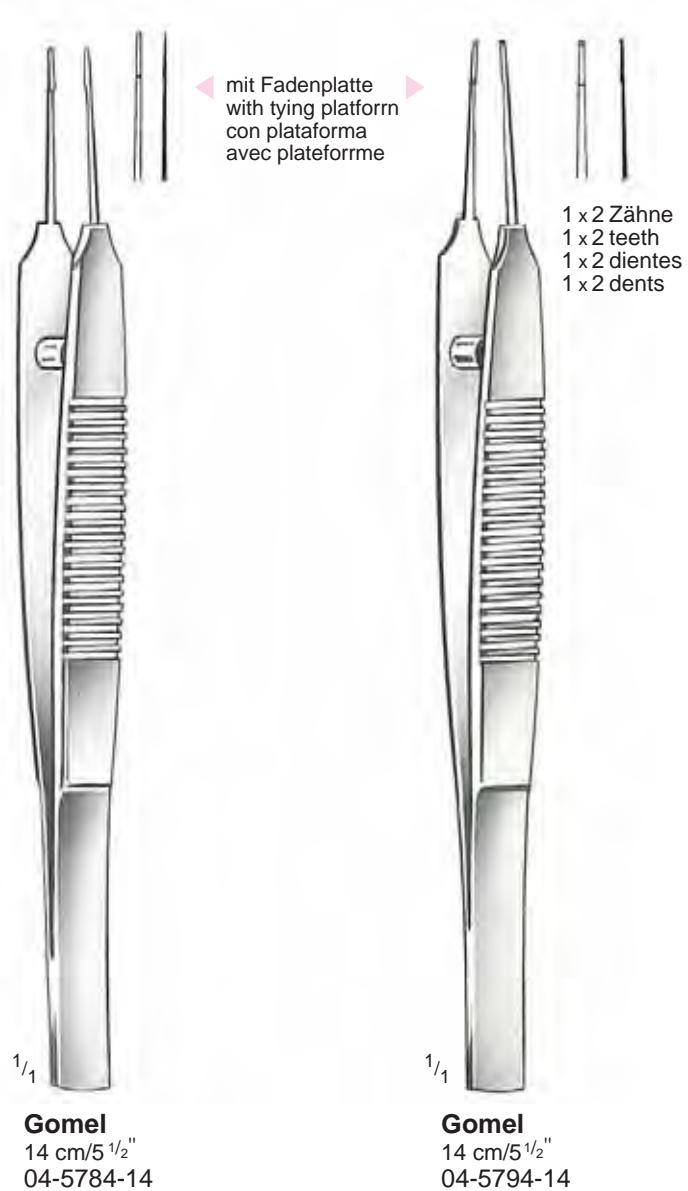
انواع پنست

Verschiedene Pinzetten
Various Forceps
Varias pinzas
Pinces diverses



04

Knüppelpinzetten
Knotting Forceps
Pinzas para poner ligaduras
Pince à poser des ligatures



Gomel
14 cm/5 1/2"
04-5784-14

Gomel
14 cm/5 1/2"
04-5794-14

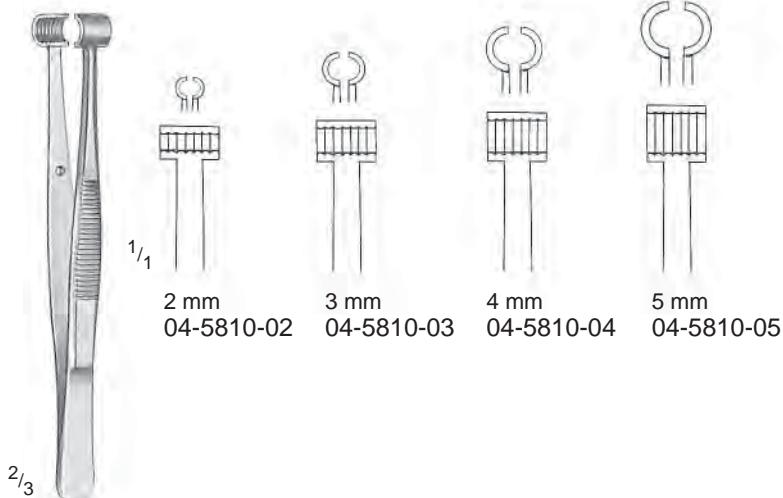


انواع پنست

Verschiedene Pinzetten Various Forceps Varias pinzas Pince diverses

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

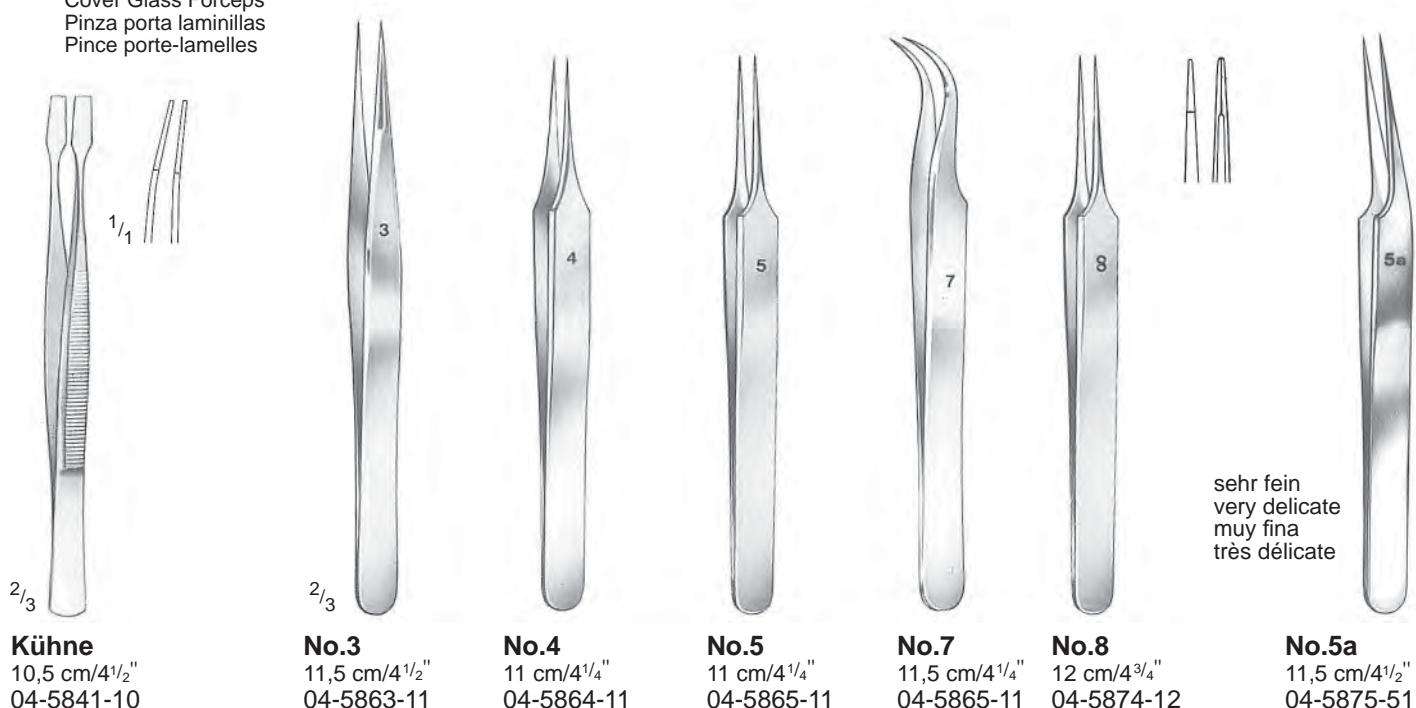
Sterilisierpinzetten
Sterilizing Forceps
Pinzas para esterilización
Pince à stérilisation



Lassen
10 cm/4"

Deckglaspinzette
Cover Glass Forceps
Pinza porta laminillas
Pince porte-lamelles

Uhrmacherpinzetten
Jeweller's Forceps
Pinzas para relojero
Précelles pour horloger



sehr fein
very delicate
muy fina
très délicate

Kühne
10,5 cm/4½"
04-5841-10

No.3
11,5 cm/4½"
04-5863-11

No.4
11 cm/4¼"
04-5864-11

No.5
11 cm/4¼"
04-5865-11

No.7
11,5 cm/4¼"
04-5865-11

No.8
12 cm/4¾"
04-5874-12

No.5a
11,5 cm/4½"
04-5875-51



No.5/45
11 cm/4½"
04-5875-45
extra fein
extra delicate
extra muy fina
extra délicate

No.7
11,5 cm/4½"
04-5877-11
sehr fein
very delicate
muy fina
très délicate

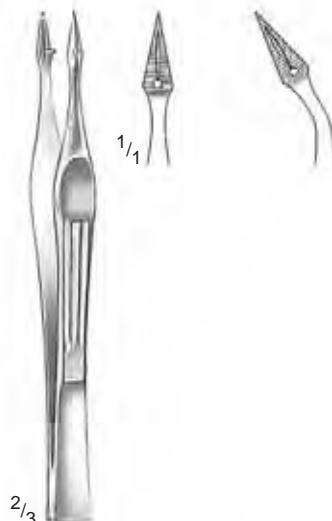
No.7a
11,5 cm/4½"
04-5877-71
fein
delicate
fina
délicate

No.SS
13,5 cm/5¼"
04-5877-88
fein
delicate
fina
délicate

04



پنست در آوردن تراشه خارجی

Splitterpinzetten**Splinter Forceps****Pinzas para espinas****Pince 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

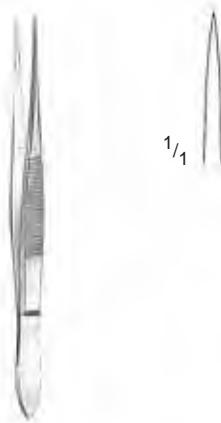
11,5 4 1/2 04-5902-11

04-5907-10

04-5908-10

04-5909-10

mit Führungsstift
with guide pin
con espiga de guía
avec repères



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

پنست چشمی

Augenpinzetten

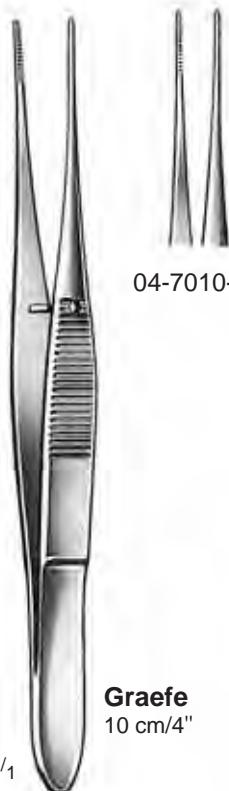
Eye Forceps

Pinzas para ojo

Pinces oculaires

Univer® 04

Irispinzetten
Iris Forceps
Pinzas para iris
Pinces à iris



04-7010-01

04-7010-02

04-7010-03

04-7010-04

04-7010-05

04-7010-06

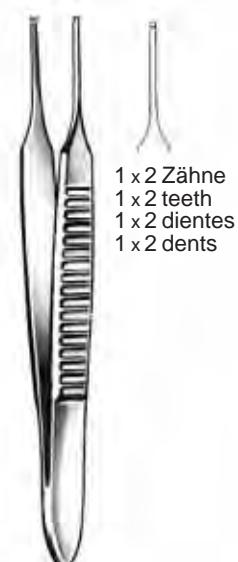
1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents



Graefe
7 cm/2 3/4"
04-7020-07



Graefe
7 cm/2 3/4"
04-7021-07



Graefe
7 cm/2 3/4"
04-7022-07



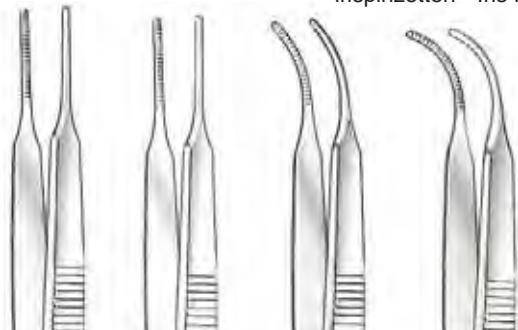
Graefe
7 cm/2 3/4"
04-7023-07

04

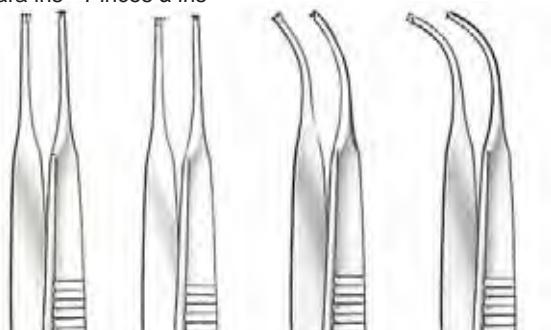


پنسٽ چشمی
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pince oculaires

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

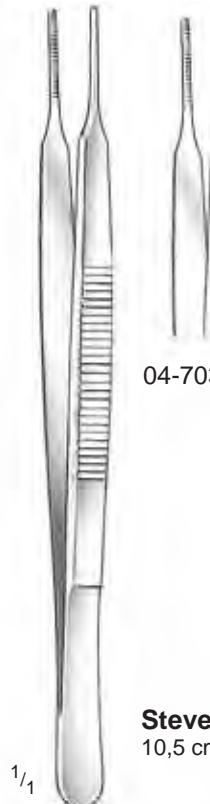


04-7030-01 04-7030-02 04-7030-03



04-7031-01 04-7031-02 04-7031-03

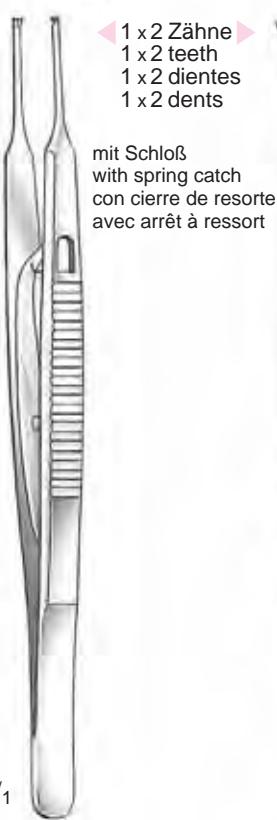
1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents



Stevens
10,5 cm/4 1/4"



Stevens
10,5 cm/4 1/4"

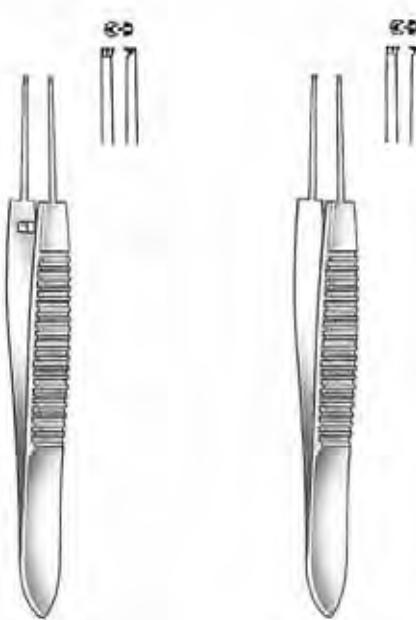


1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

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



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



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

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

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

پنست چشمی

Augenpinzetten

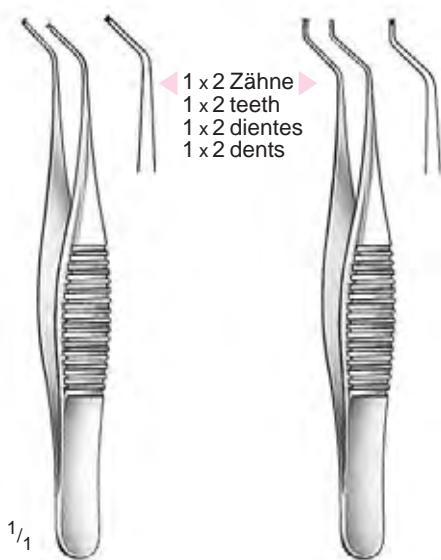
Eye Forceps

Pinzas para ojo

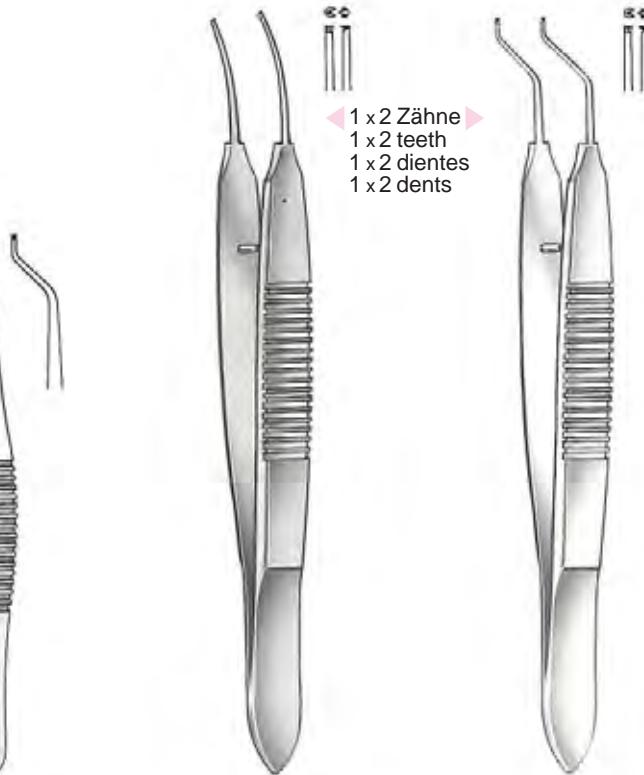
Pinces oculaires



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



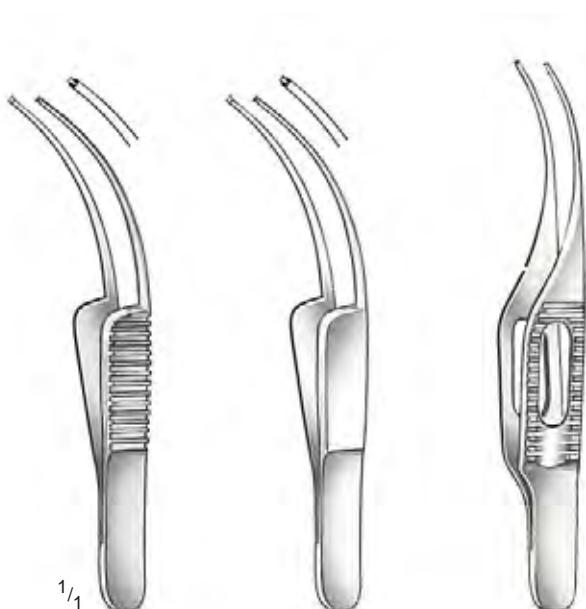
Hess
7 cm/2 3/4"
04-7061-07



Hess
10 cm/4"
04-7067-10



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



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

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

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

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

Zähne unten
teeth below
dientes abajo
dents en bas

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

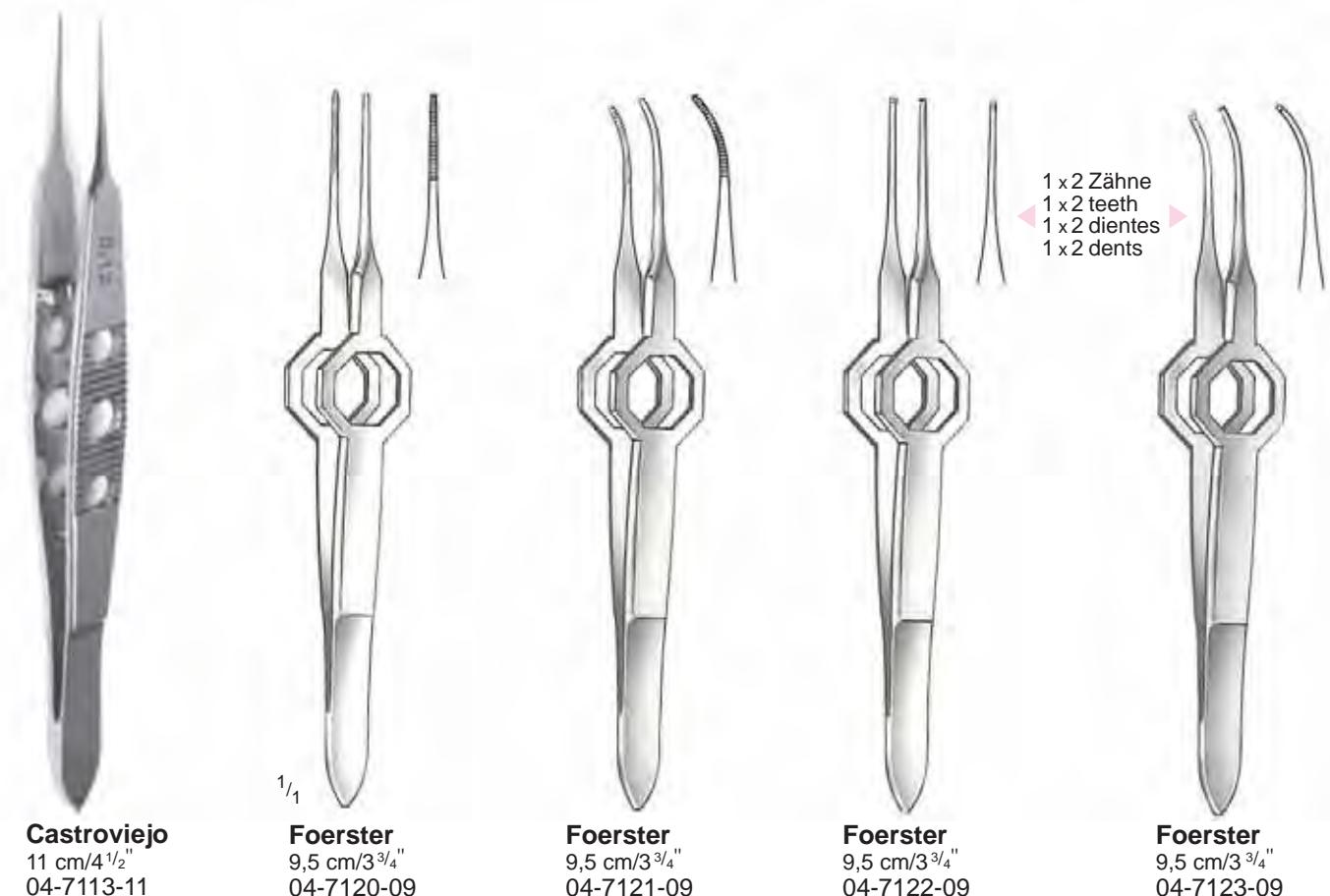
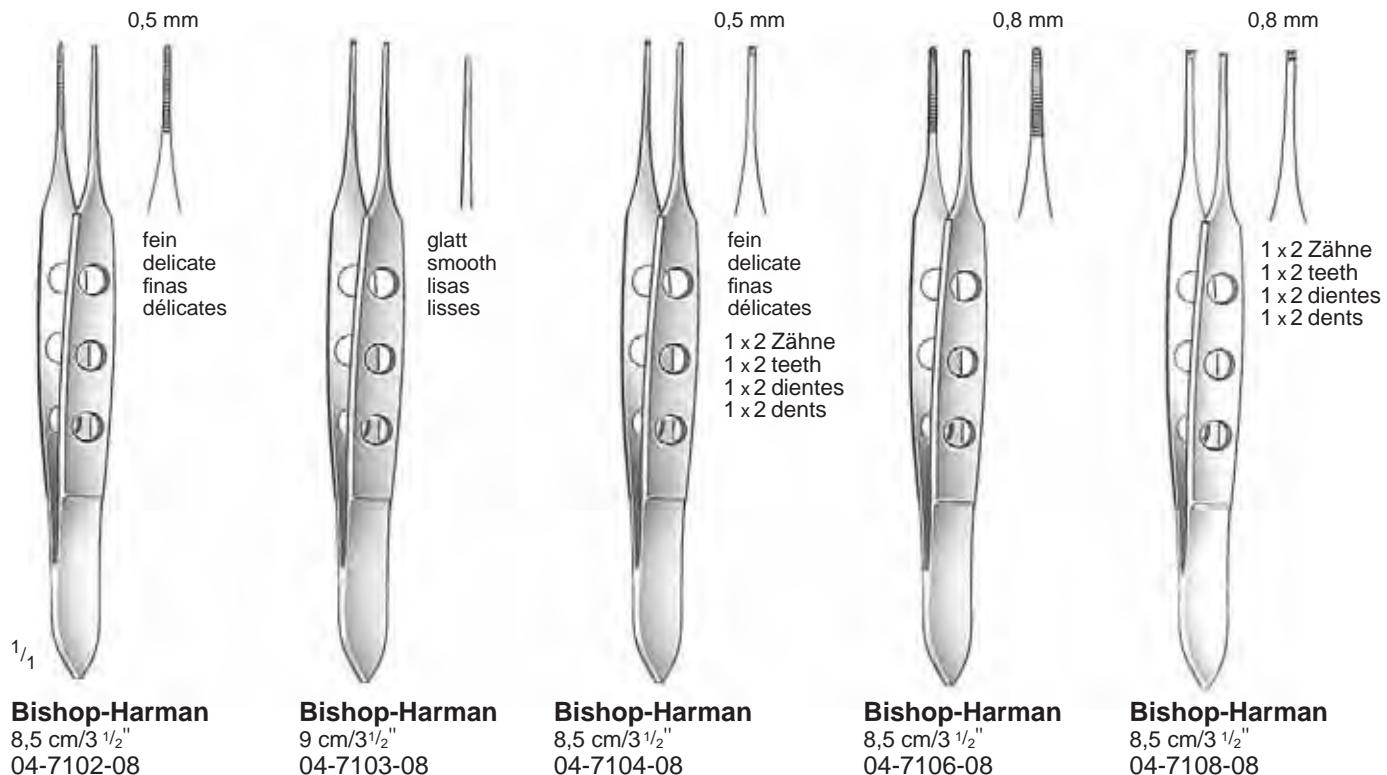
Gill-Hess
7,5 cm/3"
04-7093-07

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



پنست چشمی
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pince oculaires

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



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

پنست چشمی

Augenpinzetten

Eye Forceps

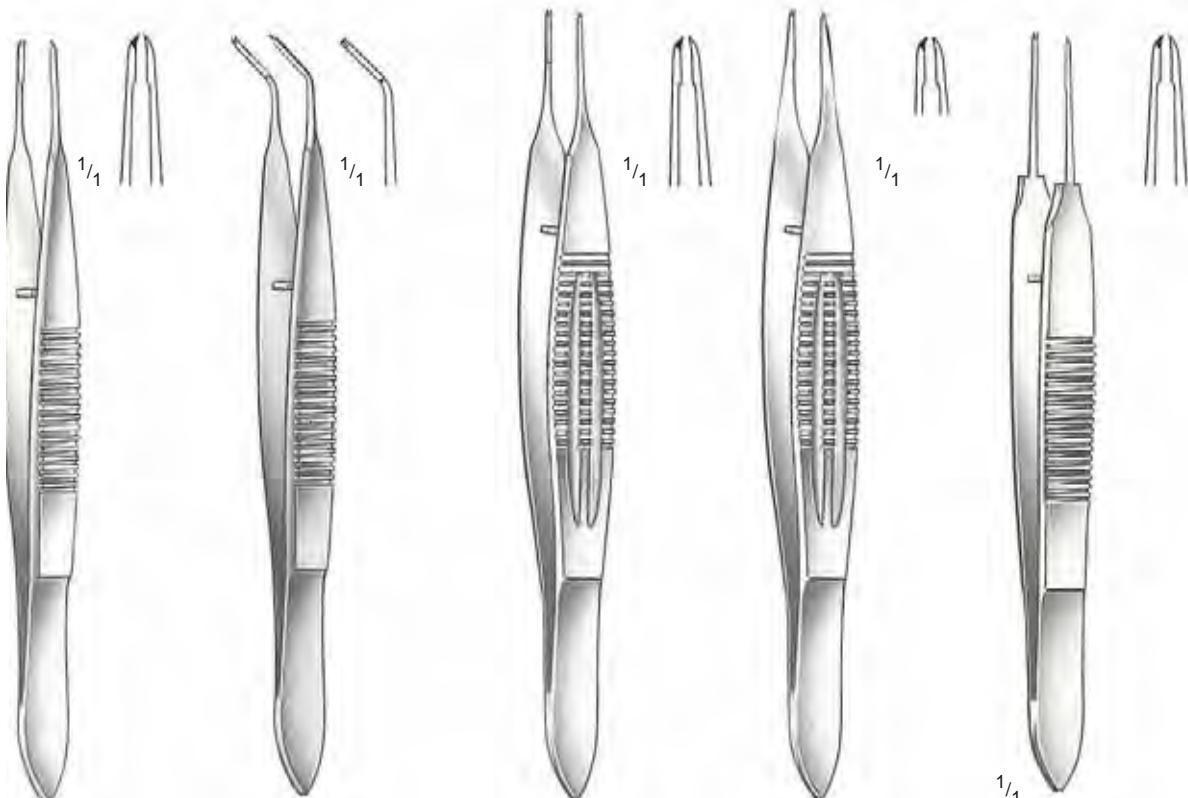
Pinzas para ojo

Pince oculaires



04

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



Zahnbreite
width of teeth
ancho de dientes
largeur des dents

Castroviejo
10 cm/4"

Castroviejo
10 cm/4"

Castroviejo
10,5 cm/4½"

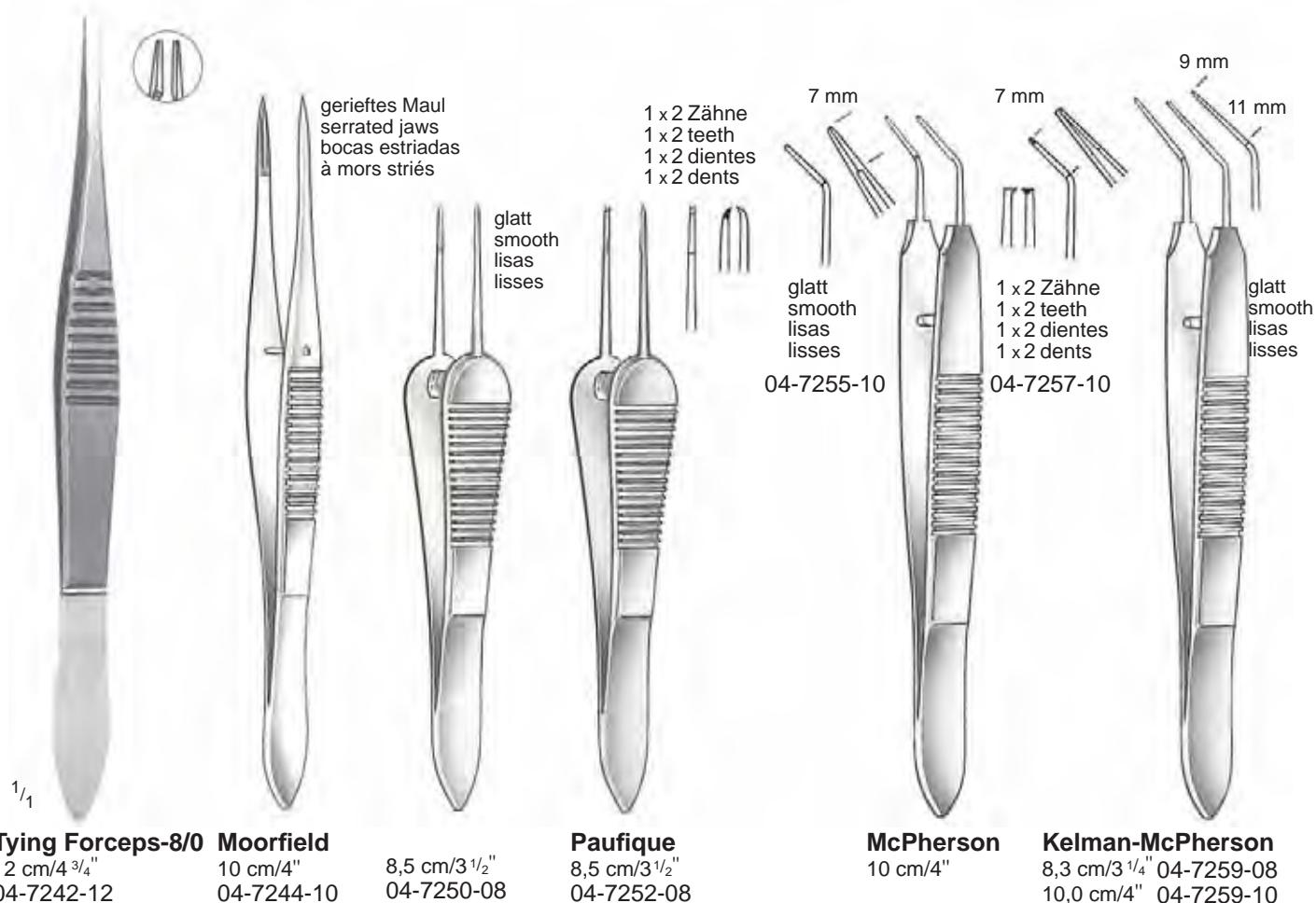
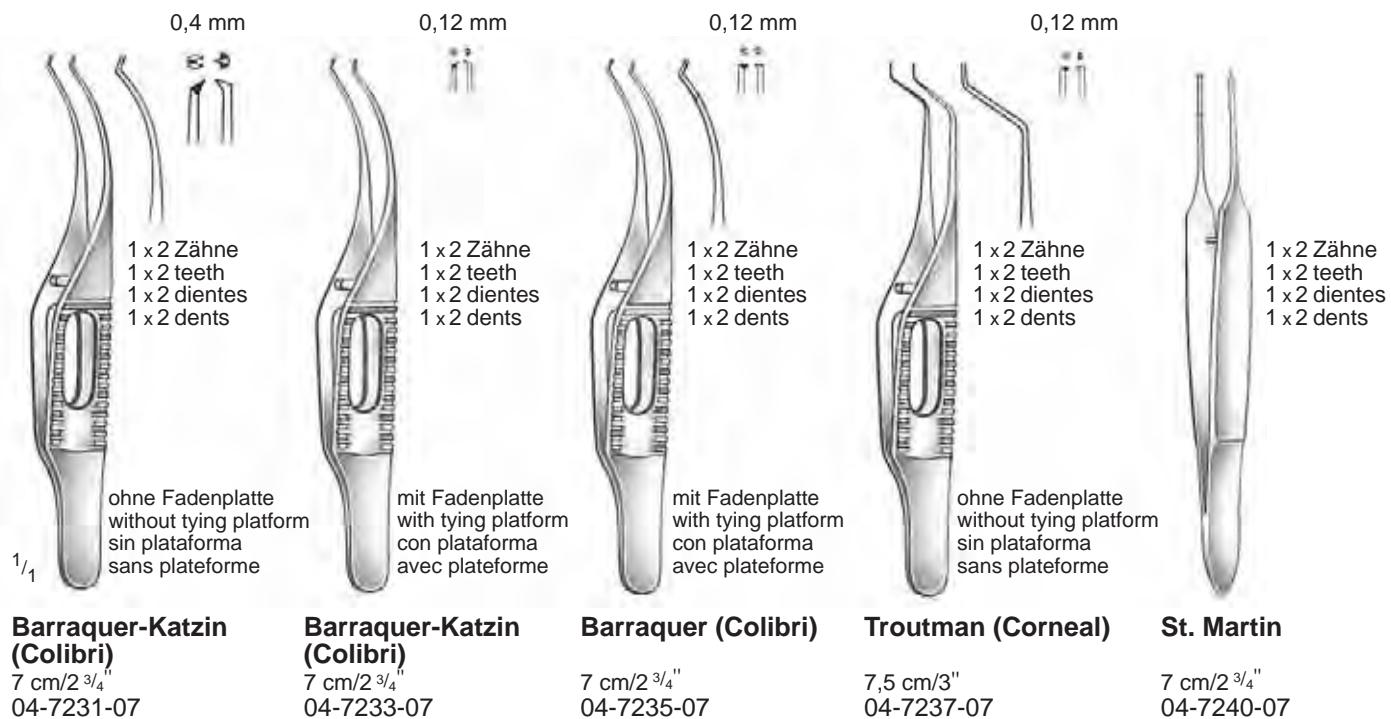
Castroviejo
10,5 cm/4½"
04-7221-05

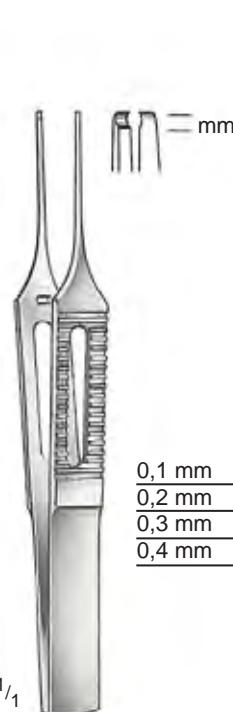
Castroviejo
10 cm/4"
04-7224-10

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

پنسٽ چشمی

Augenpinzetten: Nahtpinzetten Eye Forceps: Suture Forceps Pinzas para ojo: Pinzas para suturas Pince oculaires: Pinces à sutures





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

Skeletonpinzette
Skeleton Forceps
Pinzas de esqueleto
Pinces à squeleton

Nahtpinzette
Suture Forceps
Pinzas para sutura
Pinces à suture

Fixierpinzette
Fixation Forceps
Pinzas de fijación
Pinces à fixer

1/1

Pierse
8 cm/3 1/4"

Entropiumpinzetten
Entropium Forceps
Pinzas de entropión
Pinces à entropion

Skeletonpinzette
Skeleton Forceps
Pinza de esqueleto
Pince à squeleton

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

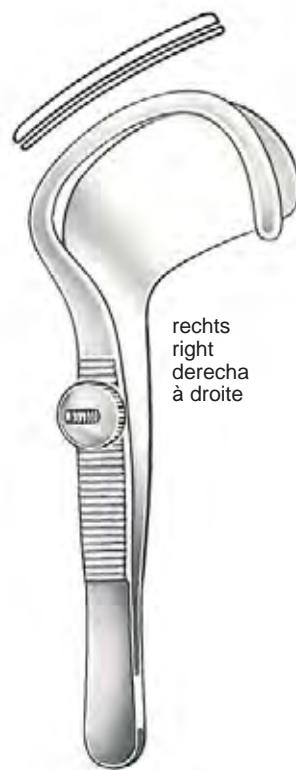
Pierse
8 cm/3 1/4"
04-7329-02



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



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



04



پنست چشمی
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pince oculaires

Kapselpinzen · Capsular Forceps · Pinzas capsulares · Pinces capsulaires

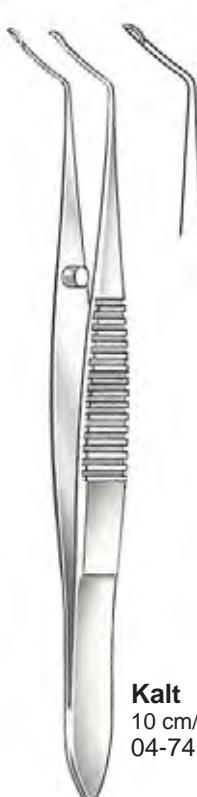


1/1

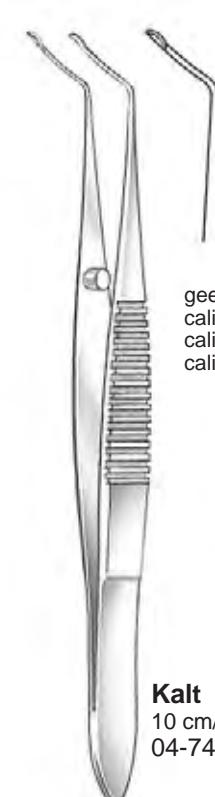
Castroviejo
10 cm/4"
04-7405-10



Castroviejo
10 cm/4"
04-7407-10



Kalt
10 cm/4"
04-7411-10



geeicht
calibrated
calibrada
calibrée

Kalt
10 cm/4"
04-7413-10



1/1

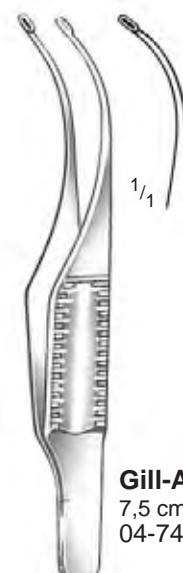
Arruga
10 cm/4"
04-7421-10



Arruga
10 cm/4"
04-7423-10

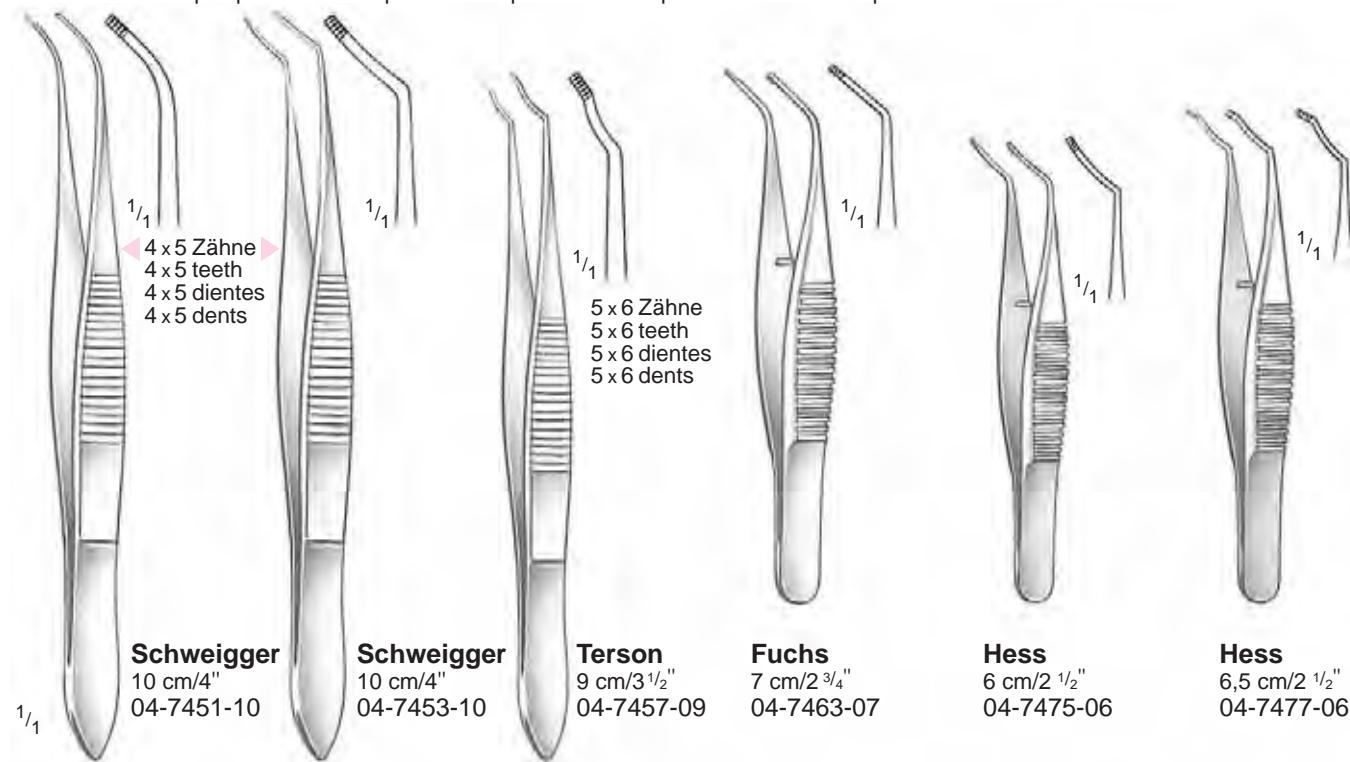


Arruga
10 cm/4"
04-7425-10

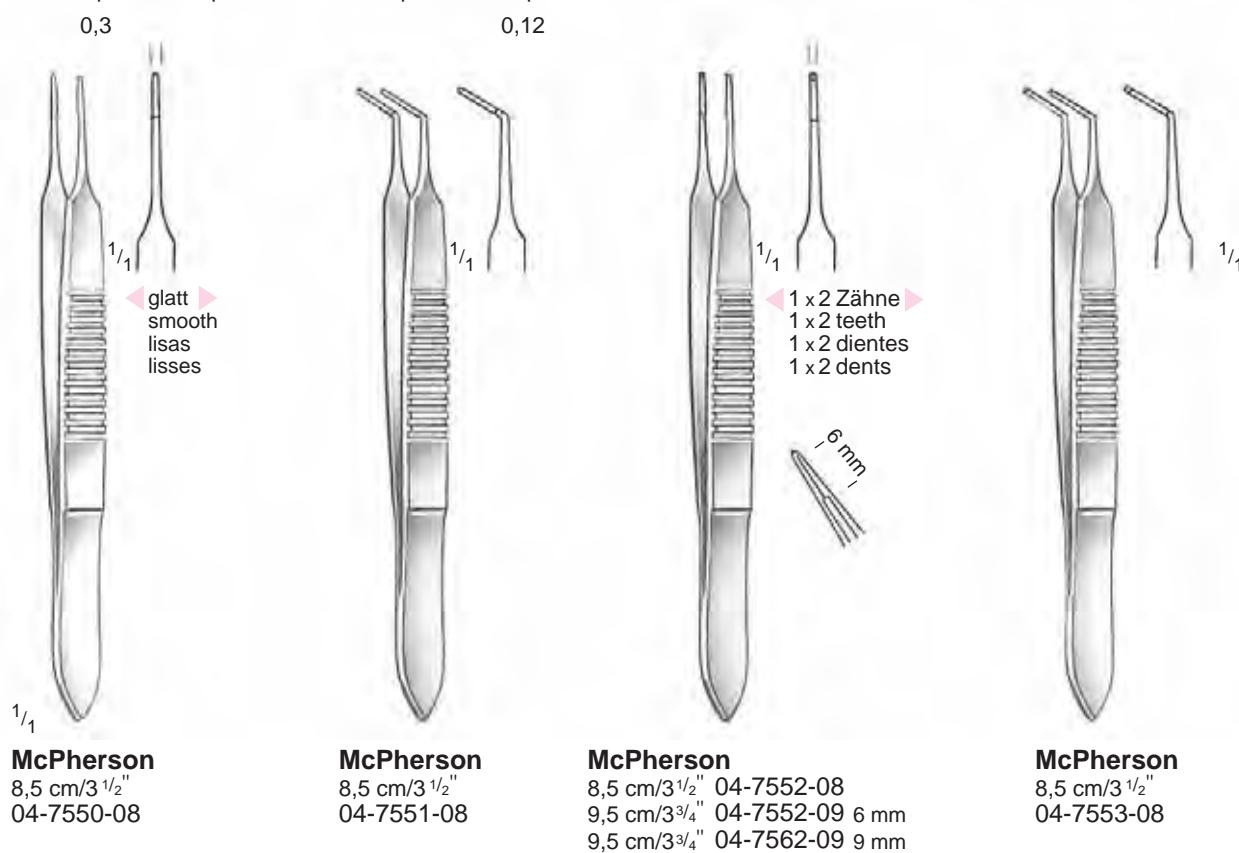


Gill-Arruga
7,5 cm/3"
04-7427-07

Kapselpinzen · Capsular Forceps · Pinzas capsulares · Pinces capsulaires



Mikropinzen mit Fadenplatte - Micro Forceps with tying platform
Micropinzas con plataforma - Micropinces avec plateforme





پنست چشمی
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pince oculaires



Nahtpinzette
 Suture Forceps
 Pinzas para sutura
 Pince à suture

◀ 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

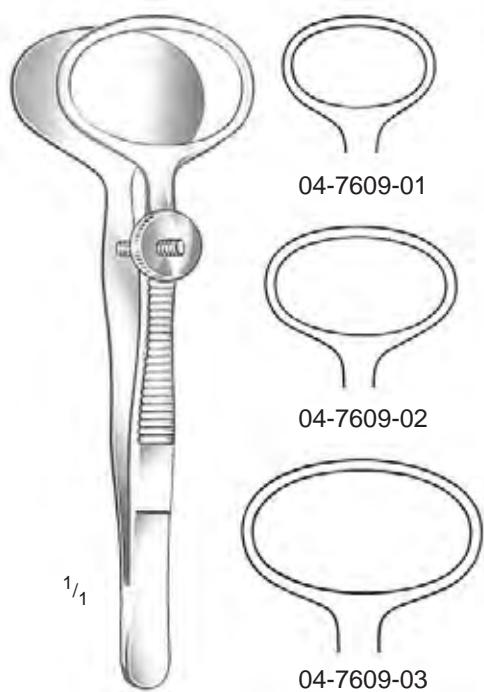
Eye Forceps

Pinzas para ojo

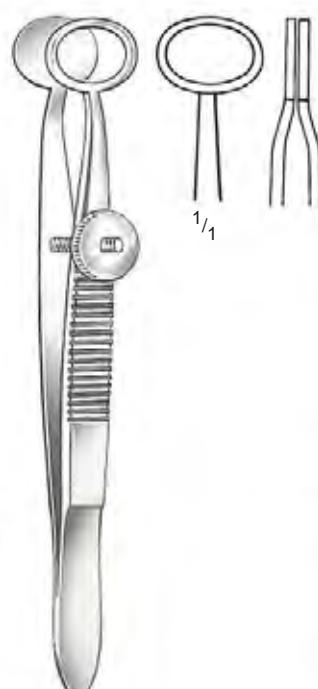
Pince oculaires

Univer® 04

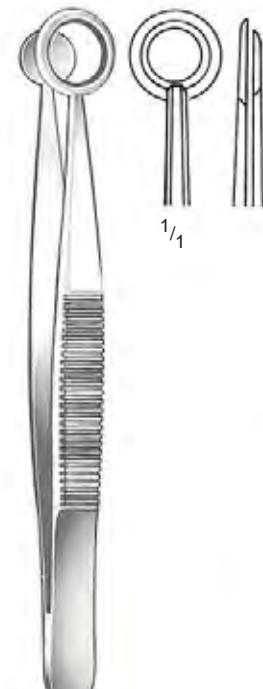
Chalazionspinzetten • Chalazion Forceps • Pinzas de chalazión • Pinces à chalazion



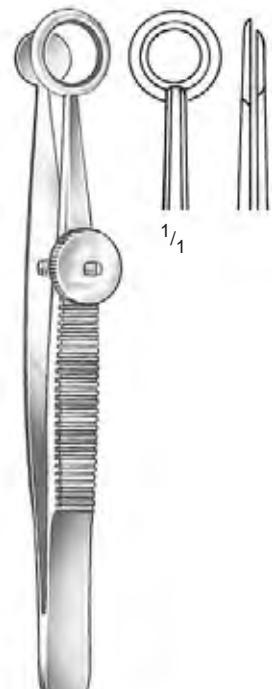
Desmarres
9 cm/3 1/2"



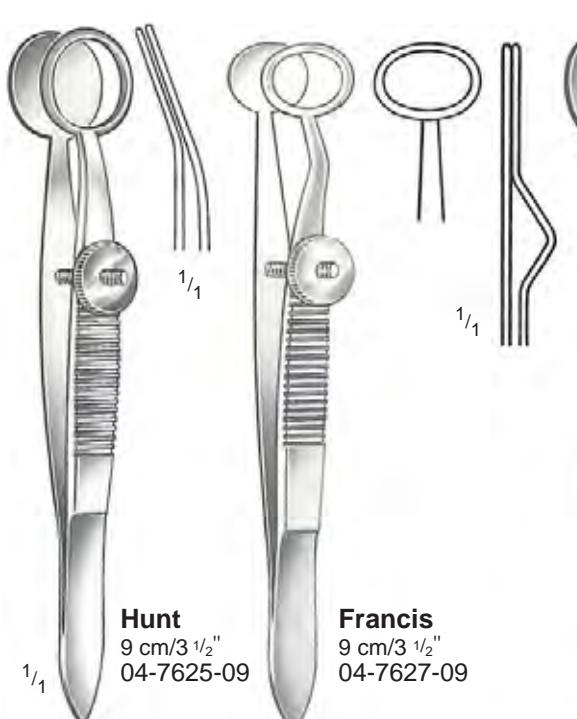
Baird
9,5 cm/3 3/4"
04-7612-09



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

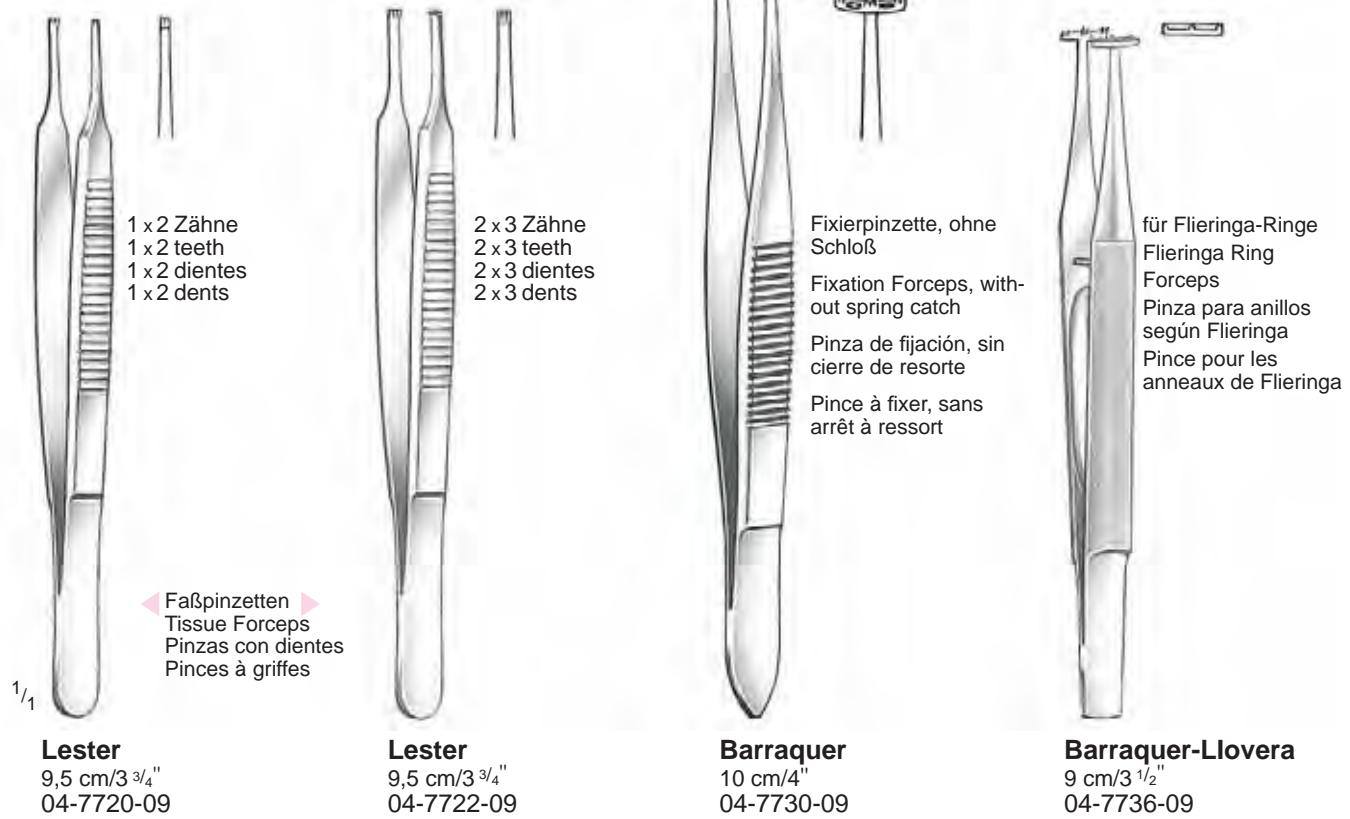
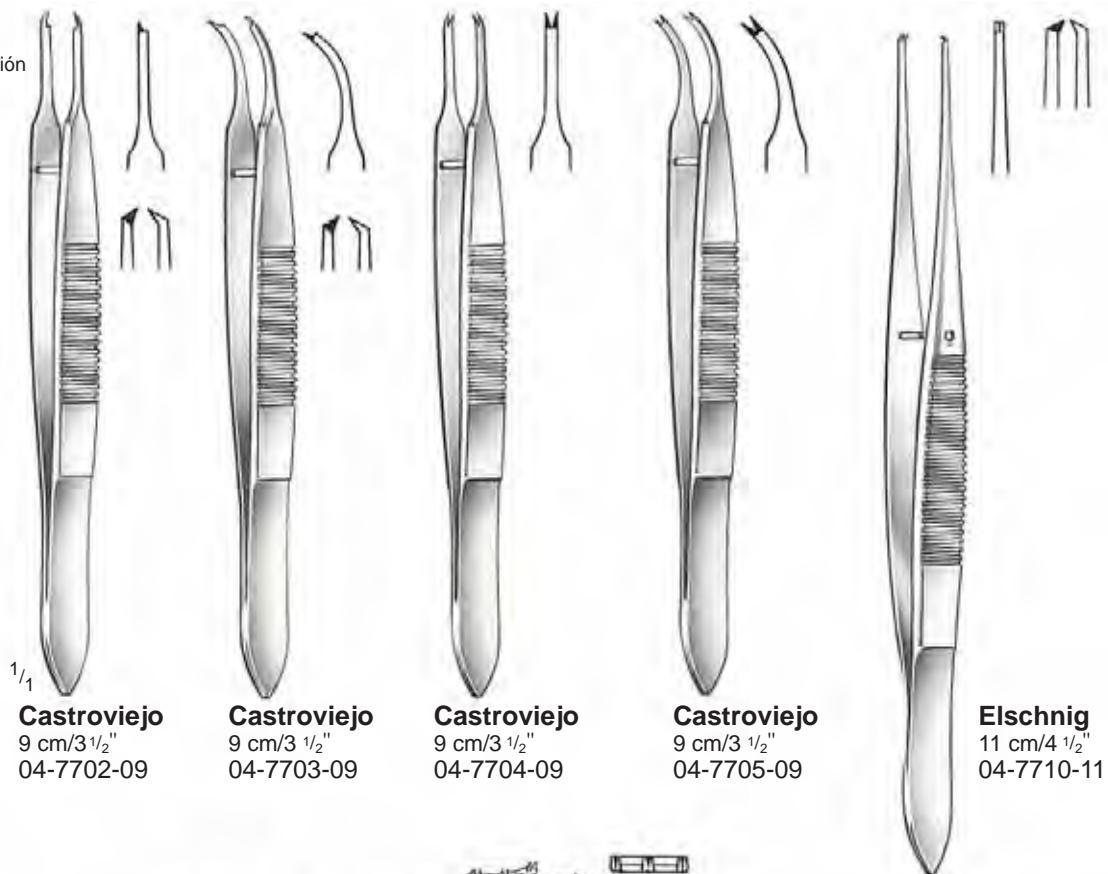
Lambert
9 cm/3 1/2"
04-7636-09

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



پنسٽ چشمی
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pince oculaires

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



انواع پنست چشمی

Verschiedene Augenpinzetten

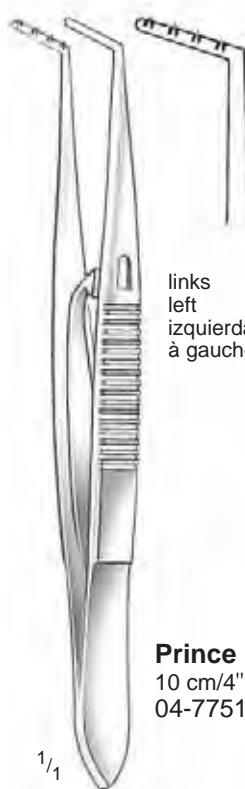
Various Eye Forceps

Varias pinzas para ojo

Pinces oculaires diverses

Univer® 04

Muskelpinzelten • Muscular Forceps • Pinzas musculares • Pinces musculaires



Prince
10 cm/4"
04-7751-10

links
left
izquierda
à gauche



Prince
10 cm/4"
04-7753-10

rechts
right
derecha
à droite



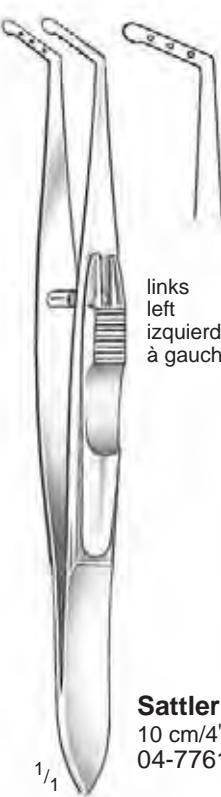
Berke (Ptosis Clamp)
10 cm/4"

20 mm
04-7755-20

27 mm
04-7755-27

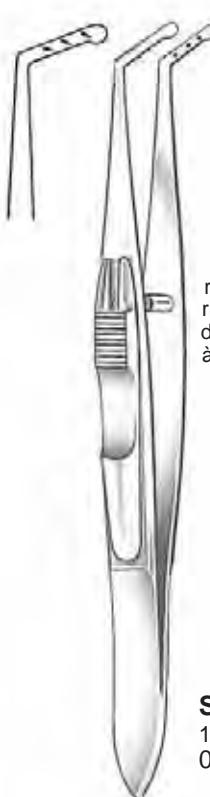


Corydon forceps
11,5 cm/4 1/2"
04-7769-11



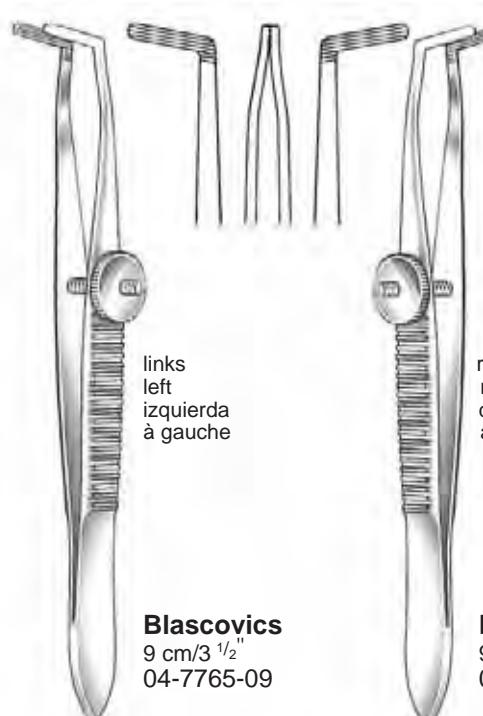
Sattler
10 cm/4"
04-7761-10

links
left
izquierda
à gauche



Sattler
10 cm/4"
04-7763-10

rechts
right
derecha
à droite



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

links
left
izquierda
à gauche



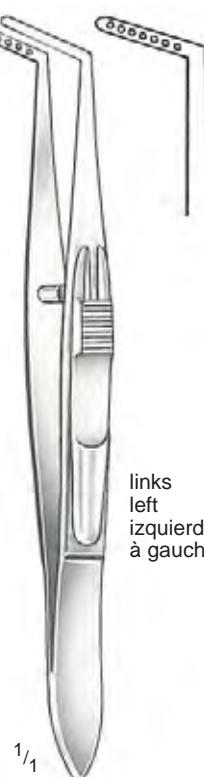
Blascovics
9 cm/3 1/2"
04-7767-09

rechts
right
derecha
à droite



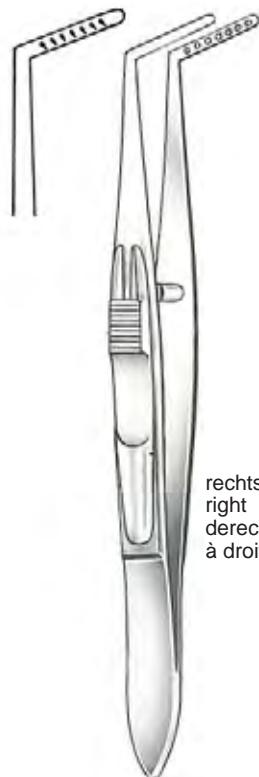
پنست چشمی
Augenpinzetten
Eye Forceps
Pinzas para ojo
Pinces oculaires

Strabismuspinzetten
Strabismus Forceps
Pinzas para estrabismo
Pince à strabisme



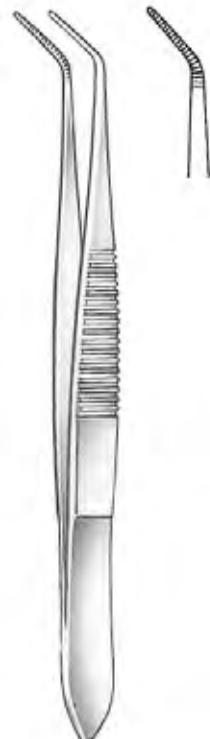
links
left
izquierda
à gauche

Jameson
10 cm/4"
04-7810-01



rechts
right
derecha
à droite

Jameson
10 cm/4"
04-7810-02

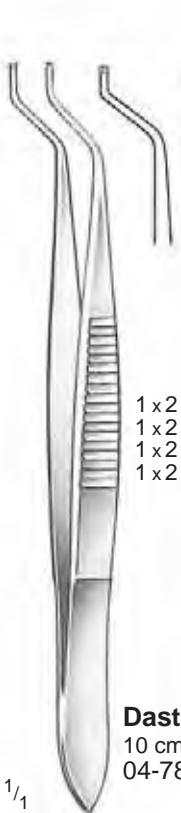


glattes Maul
smooth jaws
bocas lisas
à mors lises

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



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



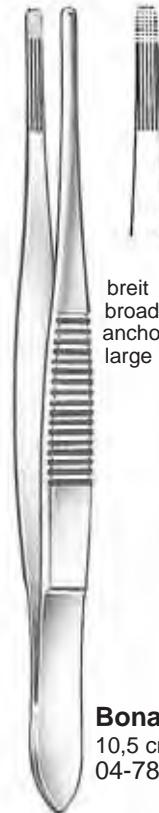
1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents

Dastoor
10 cm/4"
04-7826-10



schmal
narrow
estrechas
étroite

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



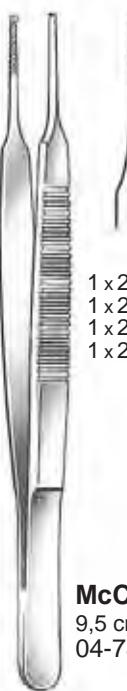
breit
broad
ancho
large

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



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

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



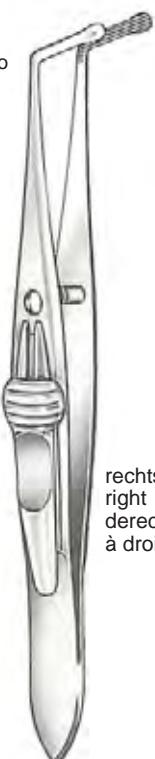
McCullough
9,5 cm/3 3/4"
04-7842-09



Vorlagerungspinzetten
Advancement Forceps
Pinzas para avance
Pince pour avancement

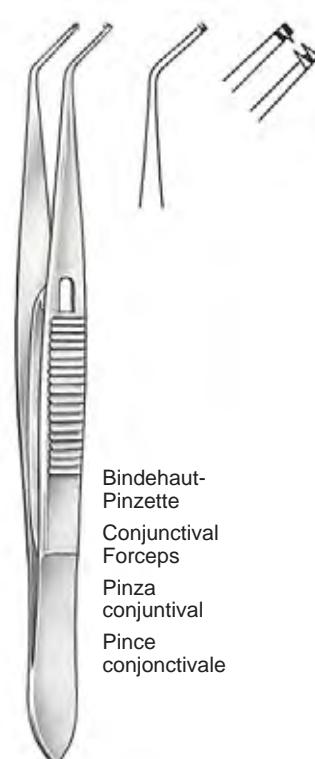
links
left
izquierda
à gauche

Worth
10 cm/4"
04-7850-01



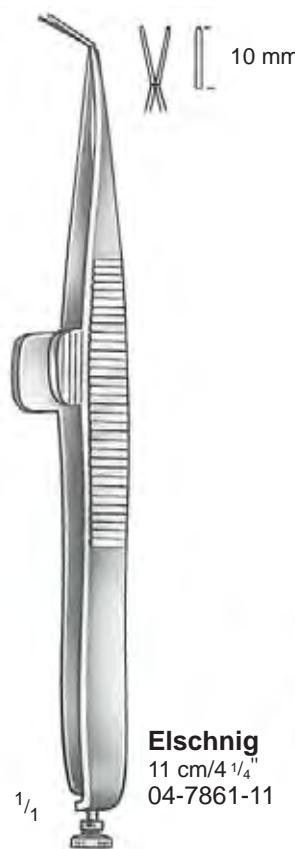
rechts
right
derecha
à droite

Worth
10 cm/4"
04-7850-02



Bindehaut-
Pinzette
Conjunctival
Forceps
Pinza
conjuntival
Pince
conjonctivale

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



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

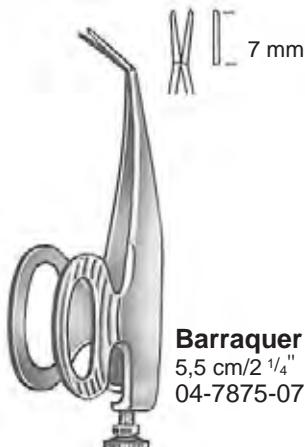
10 mm

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



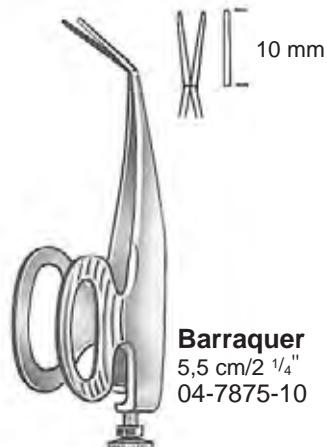
Barraquer
5,5 cm/2 1/4"
04-7875-05

5 mm



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

7 mm

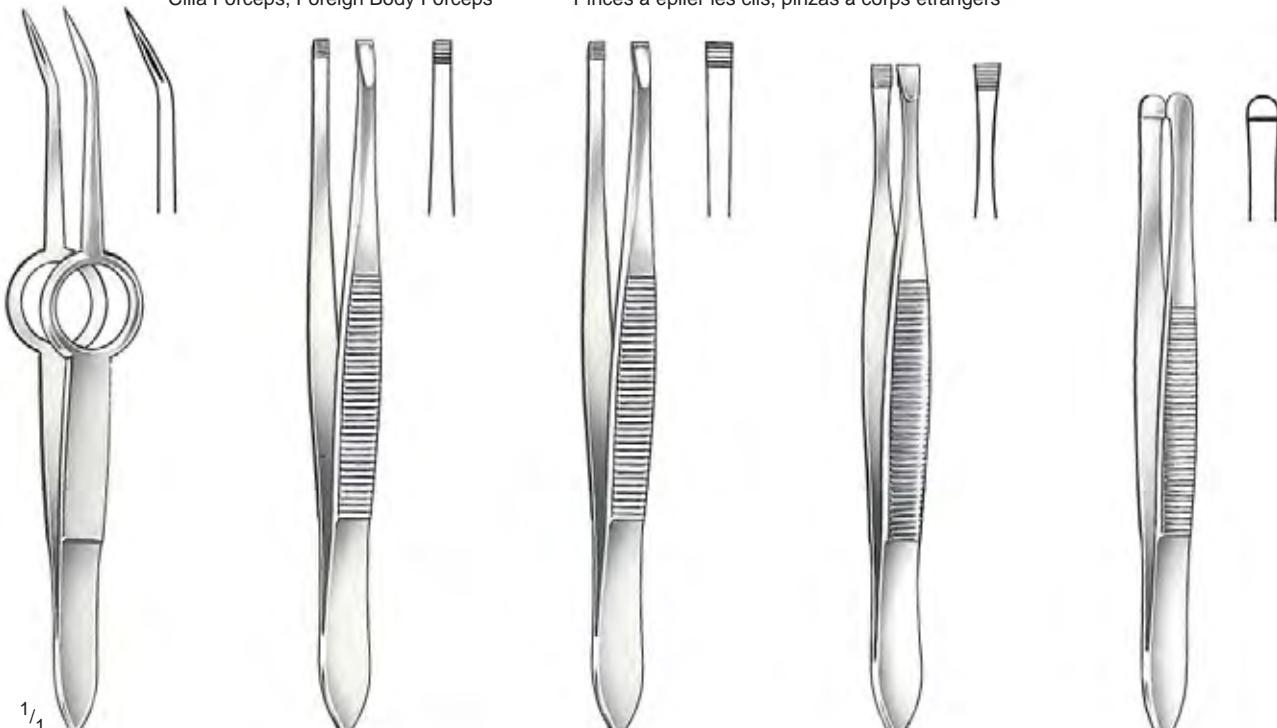


Barraquer
5,5 cm/2 1/4"
04-7875-10

10 mm

Cilienspitzen, Fremdkörperpinzetten
 Cilia Forceps, Foreign Body Forceps

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



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

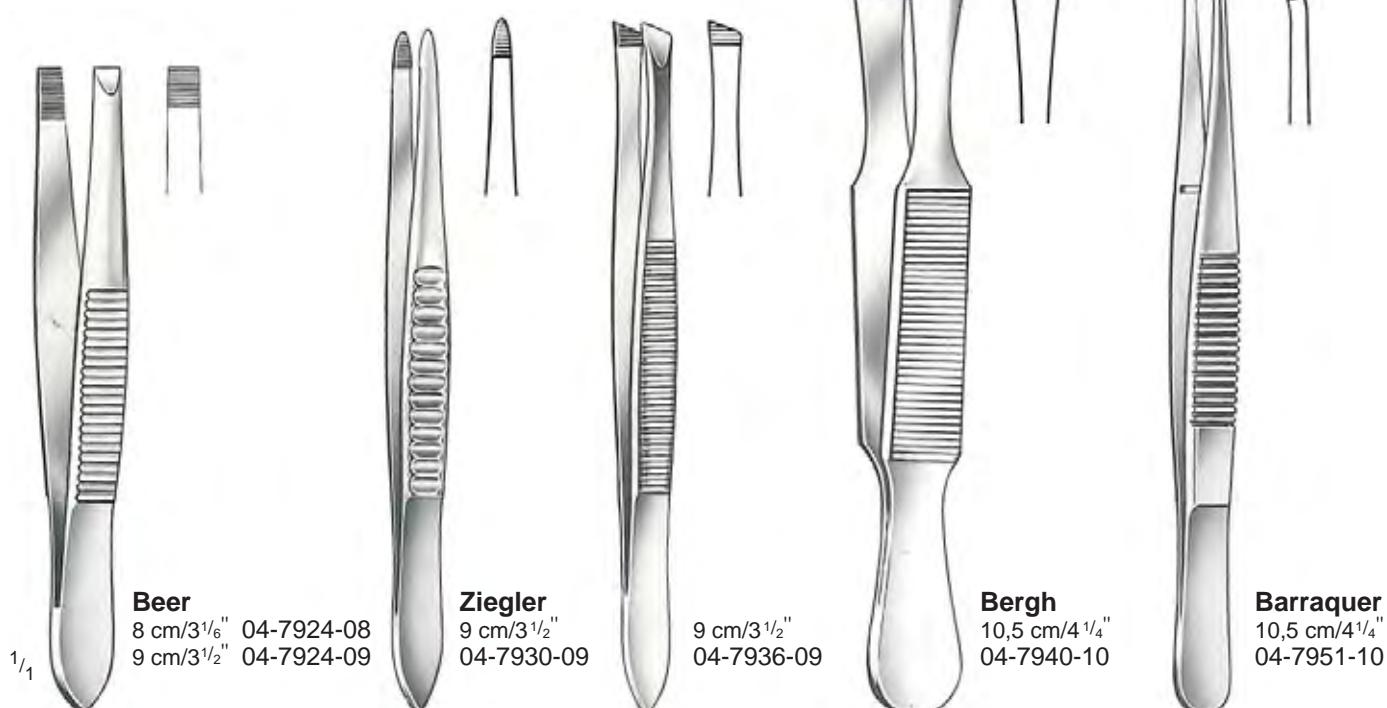
Douglas
 9 cm/3 1/2"
 04-7910-09

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



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



پنست با تیغه تنگستن کارباید دسته طلایی

Atrauma-Pinzen 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 طایی

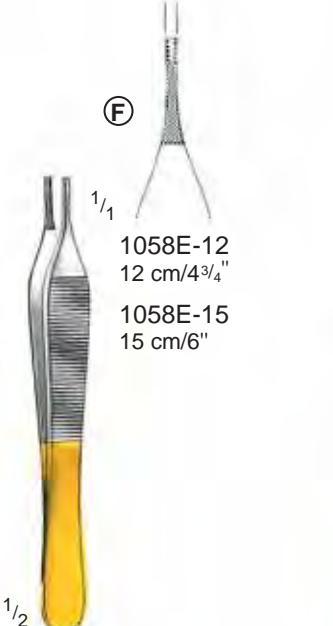
Atrauma-Pinzetten mit Hartmetalleinlagen

Atrauma Forceps with Tungsten Carbide Inserts

Pinzas de disección Atrauma con inserciones de tungsteno

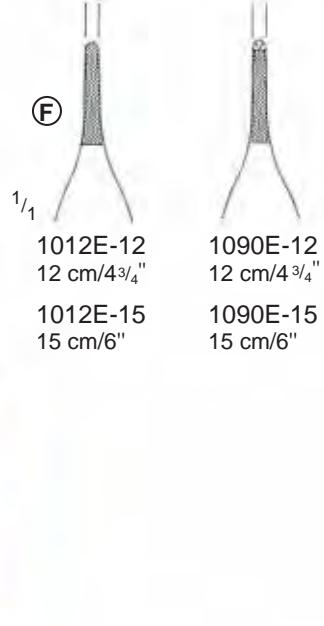
pince Atrauma avec plaquettes en carbure de tungstène

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



Adson-Brown

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



Adson

1,8 mm



Potts-Smith

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

(F)

1/1

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

1035E-15
15 cm/6"

1035E-18
18 cm/7"

1035E-20
20 cm/8"

1035E-23
23 cm/9"

1035E-25
25 cm/10"

1036E-15
15 cm/6"

1036E-18
18 cm/7"

1036E-20
20 cm/8"

1036E-23
23 cm/9"

1036E-25
25 cm/10"

Potts-Smith

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

1036E.##

1035E.##

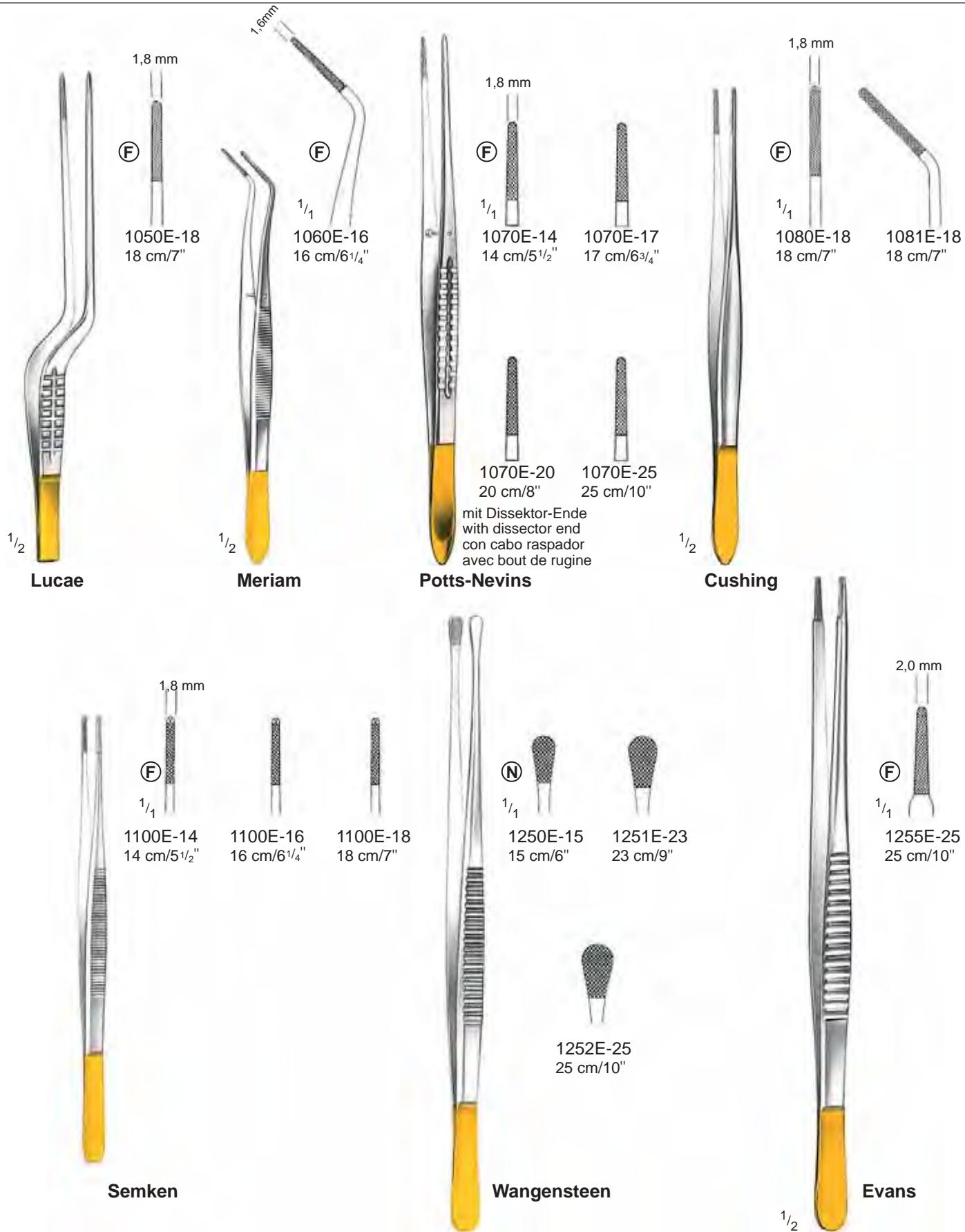
پنست با تیغه تنگستن کارباید دسته طلایی

Atrauma-Pinzetten mit Hartmetalleinlagen

Atrauma Forceps with Tungsten Carbide Inserts

Pinzas de disección Atrauma con inserciones de tungsteno

pince Atrauma avec plaquettes en carbure de tungstène





پنست باتیغه تنگستن کارباید دسته طایی

Atrauma-Pinzetten mit Hartmetalleinlagen

Atrauma Forceps with Tungsten Carbide Inserts

Pinzas de disección Atrauma con inserciones de tungsteno

pince Atrauma avec plaquettes en carbure de tungstène



6 x 12 Zähne · teeth · dientes · dents

2,0 mm

^{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"

1210E-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

^{1/1}
1215E-15
15 cm/6"

1216E-20
20 cm/8"

1217E-25
25 cm/10"

DeBakey

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



انواع پنس

Klemmen, Zangen
Forceps, Clamp Forceps
Pinzas, pinzas-clamps
Pince, pinces-clamps

06



پنس بولداگ ساده
Bulldogklemmen
Bulldog Clamps
Pinzas Bulldog
Clamps Bulldog

 $\frac{1}{1}$ 38 mm/1 1/2"
06-0010-3838 mm/1 1/2"
06-0011-3851 mm/2"
06-0010-5151 mm/2"
06-0011-5160 mm/2 1/2"
06-0014-6060 mm/2 1/2"
06-0015-60

Dieffenbach

 $\frac{1}{1}$ 38 mm/1 1/2"
06-0031-3851 mm/2"
06-0031-5157 mm/2 1/8"
06-0031-5763 mm/2 1/2"
06-0031-6370 mm/2 3/4"
06-0031-7075 mm/3"
06-0031-7590 mm/3 1/2"
06-0031-90

Johns-Hopkins

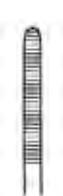
Federleichte Bulldogklemmen
 Featherlight Bulldog Clamps



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.



پنس بولداگ میکروساده

Mikro-Bulldogklemmen
Micro Bulldog Clamps
Micro-Clamps Bulldog
Micro-Clamps Bulldog



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.

06



کلیپس آنوریسم

Clipanlegezange, Clips

Clip Applying Forceps, Aneurysm Clips

Pinzas de aplicación, Clips de aneurisma

pinces 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

pince à poser les clamps



06



06-0159-01

06-0159-02

Approximator complete
with key

06-0160-75

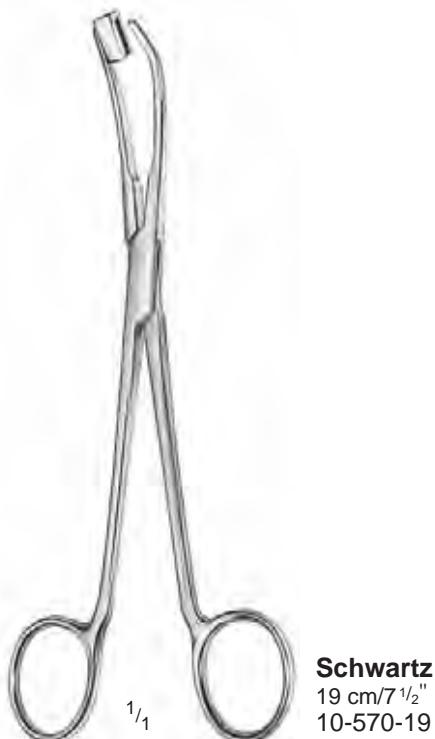


06-0161-01

06-0159-02

Approximator for
nerves complete
with key

06-0161-75



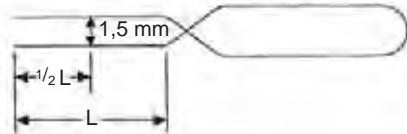
Schwartz
19 cm/7 1/2"
10-570-19



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

06



پنس هموستات ظریف - موسکیتو

Feine Arterienklemmen

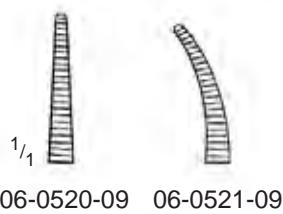
Fine Hemostatic Forceps

Pinzas hemostáticas finas

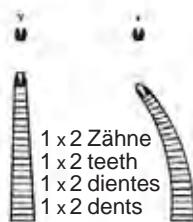
Pince hémostatiques fins



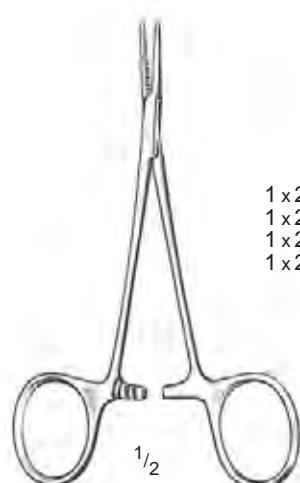
**Hartmann
(Baby-Mosquito)**
9,5 cm/3^{3/4}"



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

12 cm/4^{3/4}"
06-0600-12

12 cm/4^{3/4}"
06-0601-12

9 cm/3^{1/2}"
06-0600-09

9 cm/3^{1/2}"
06-0601-09

1/1
12 cm/4^{3/4}"
06-0602-12

12 cm/4^{3/4}"
06-0603-12

Micro-Mosquito

پنس هموستات ظریف - موسکیتو

Feine Arterienklemmen

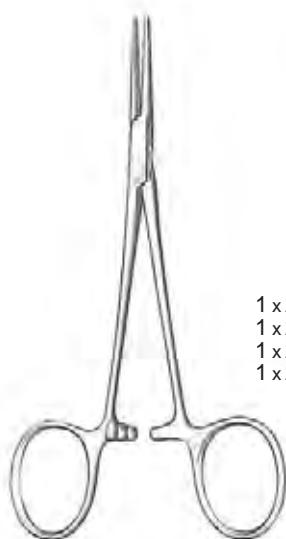
Fine Hemostatic Forceps

Pinzas hemostáticas finas

Pince hémostatiques fins



06



Halsted-Mosquito



12,5 cm/5"
06-0620-12



14 cm/5 1/2"
06-0620-14

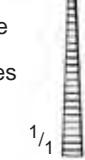


12,5 cm/5"
06-0621-12



14 cm/5 1/2"
06-0621-14

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



12,5 cm/5"
06-0622-12



14 cm/5 1/2"
06-0622-14



12,5 cm/5"
06-0623-12



14 cm/5 1/2"
06-0623-14



Halsted-Mosquito



18 cm/7"
06-0620-18



21 cm/8 1/4"
06-0620-21

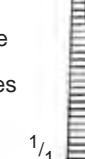


18 cm/7"
06-0621-18



21 cm/8 1/4"
06-0621-21

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



18 cm/7"
06-0622-18



21 cm/8 1/4"
06-0622-21



18 cm/7"
06-0623-18



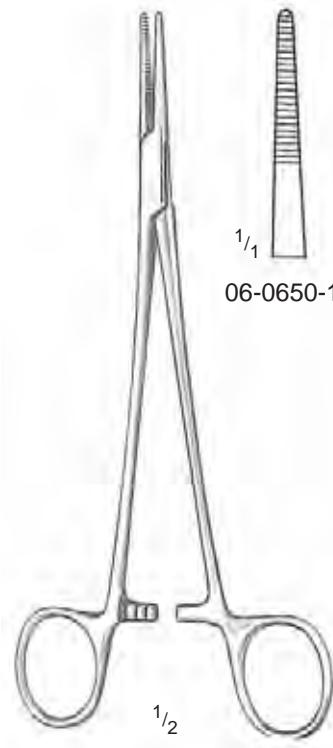
21 cm/8 1/4"
06-0623-21

06

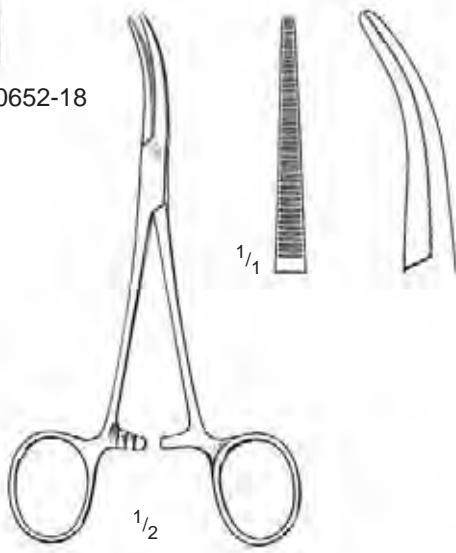


پنس هموستات طریف

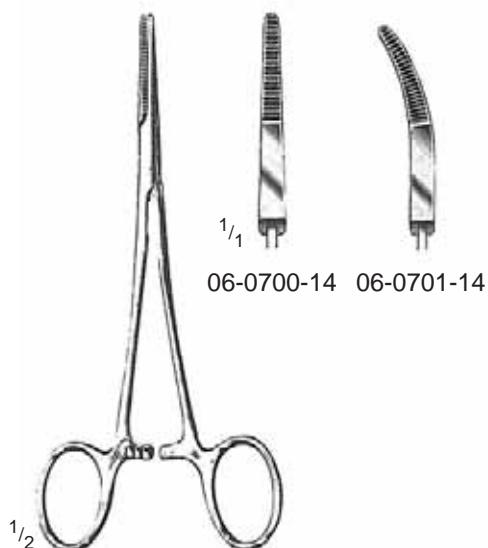
Feine Arterienklemmen
Fine Hemostatic Forceps
Pinzas hemostáticas finas
Pince hémostatiques fins



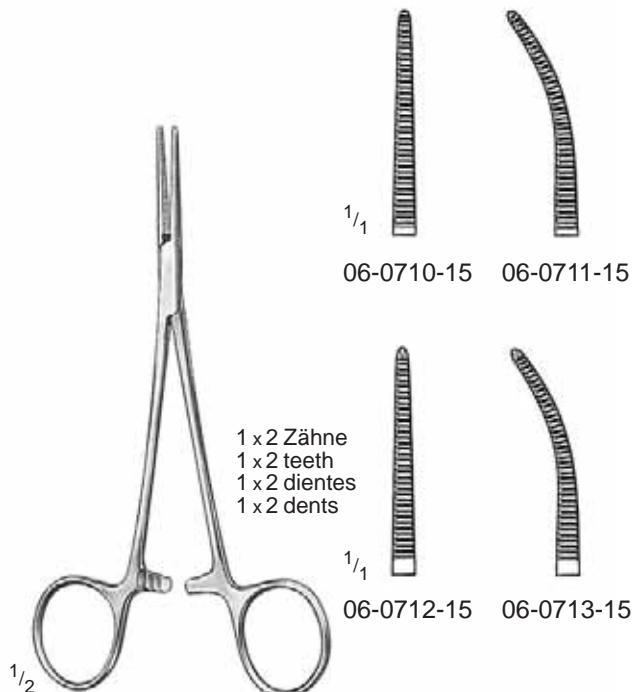
Adson
19 cm/7½"



Dandy
14 cm/5½"
06-0671-14



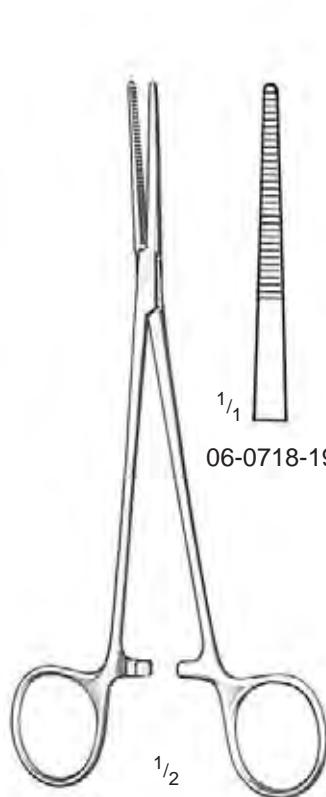
Providence-Hospital
14 cm/5½"



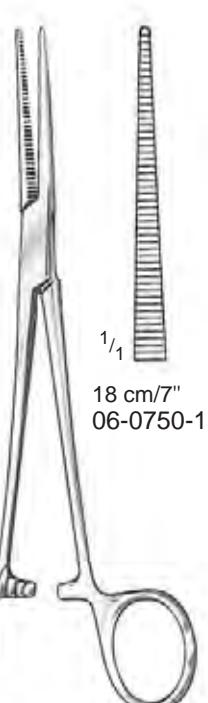
Leriche
15 cm/6"

پنس هموستات ظریف

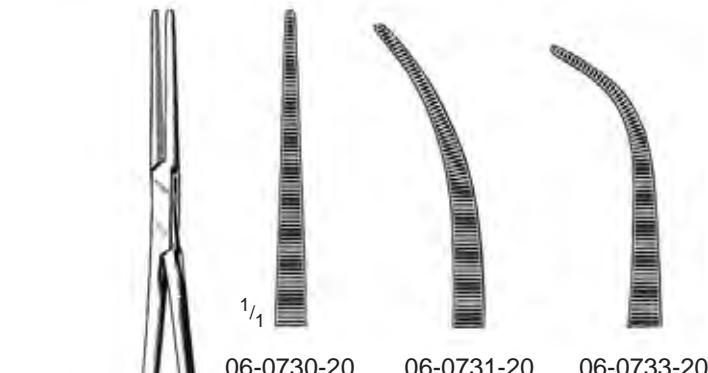
Feine Arterienklemmen
Fine Hemostatic Forceps
Pinzas hemostáticas finas
Pince hémostatiques fins



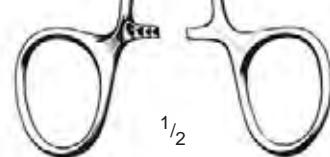
Birkett
19 cm/7 $\frac{1}{2}$ "



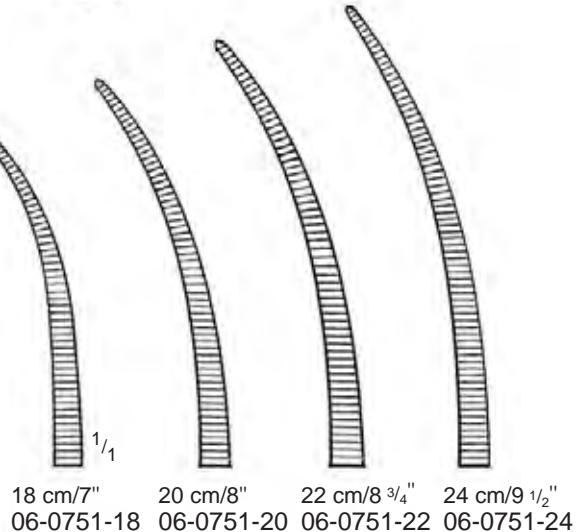
Olivecrona (Crafoord)



06-0730-20 06-0731-20 06-0733-20



Heiss
20 cm/8"



18 cm/7"
06-0751-18 20 cm/8"
06-0751-20 22 cm/8 $\frac{3}{4}$ "
06-0751-22 24 cm/9 $\frac{1}{2}$ "
06-0751-24

Crafoord (Coller)

06



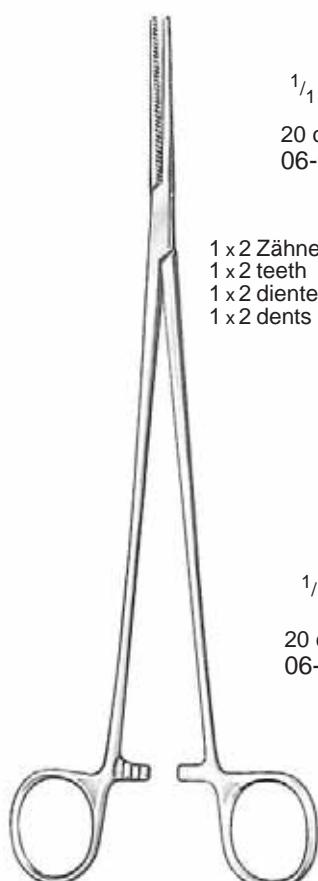
هموستات ظريف بنگو

Feine Arterienklemmen

Fine Hemostatic Forceps

Pinzas hemostáticas finas

Pince hémostatiques fins



Bengolea

$1/1$
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

$1/1$
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

Pince hémostatiques



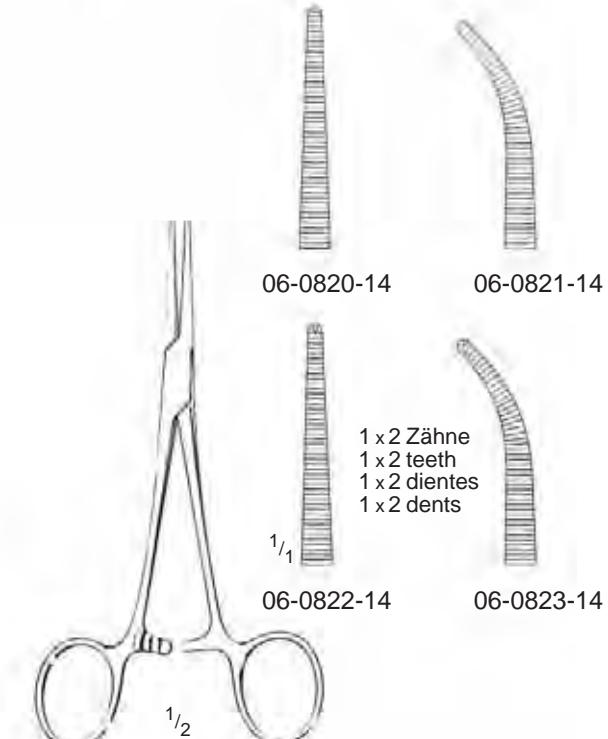
Kelly
14 cm/5 1/2"



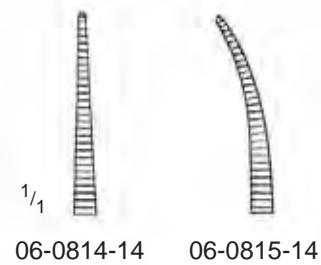
06-0801-14



Rankin-Kelly
16 cm/6 1/4"



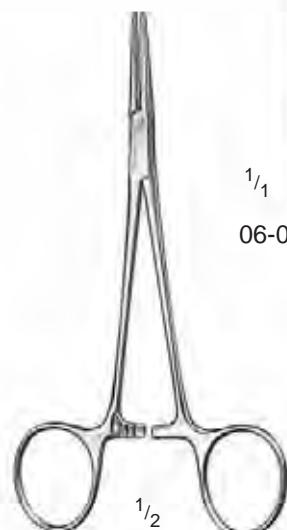
Crile
14 cm/5 1/2"



06-0814-14



06-0815-14



Baby-Crile
14 cm/5 1/2"

06



پنس هموستات

Arterienklemmen

Hemostatic Forceps

Pinzas hemostáticas

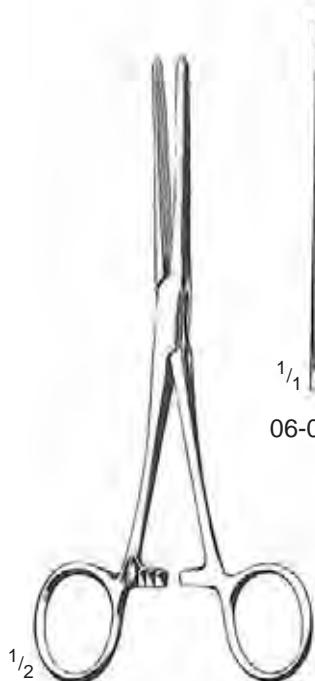
Pince hémostatiques



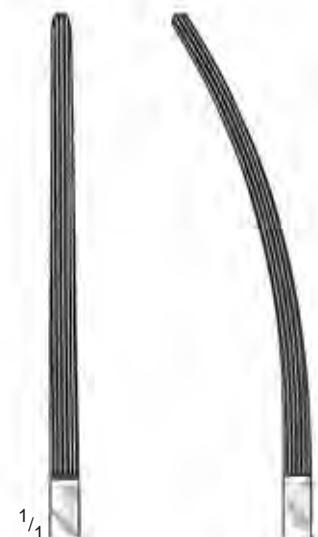
06-0820-16 06-0821-16

1/1

Crile
16 cm/6^{1/4}"



06-0840-15



06-0840-18

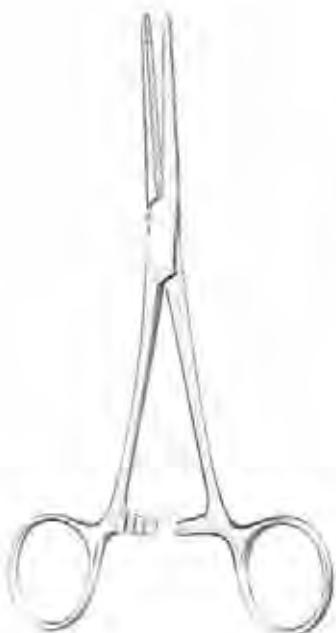
06-0841-18

1/1

06-0841-15

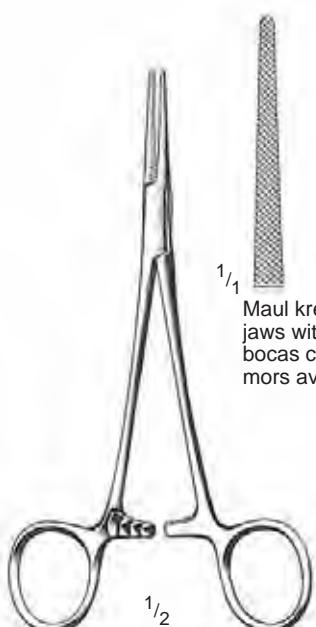


Bainbridge
15 cm/6"



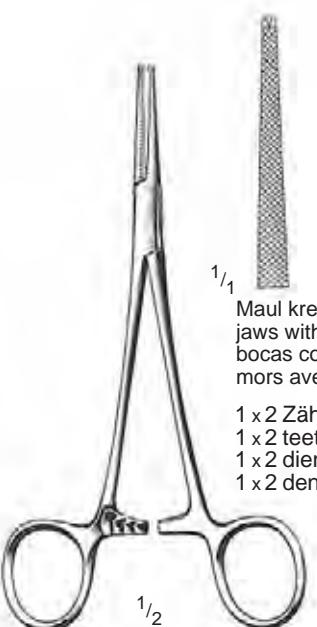
Rochester-Carmalt

1/1	16 cm/6 ¹ / ₄ " 06-0860-16	1/1	18,5 cm/7 ¹ / ₄ " 06-0860-18	1/1	20,5 cm/8 ¹ / ₄ " 06-0860-20	1/1	16 cm/6 ¹ / ₄ " 06-0861-16	1/1	18,5 cm/7 ¹ / ₄ " 06-0861-18	1/1	20,5 cm/8 ¹ / ₄ " 06-0861-20
-----	---	-----	---	-----	---	-----	---	-----	---	-----	---



Dixon-Lovelace
16 cm/6¹/₄"
06-0870-16

1/1
Maul kreuzgerieft
jaws with cross serrations
bocas con estrias cruzadas
mors avec rainures croisées



Dixon-Lovelace
16 cm/6¹/₄"
06-0872-16

1/1
Maul kreuzgerieft
jaws with cross serrations
bocas con estrias cruzadas
mors avec rainures croisées

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

06



پنس هموستات

Arterienklemmen

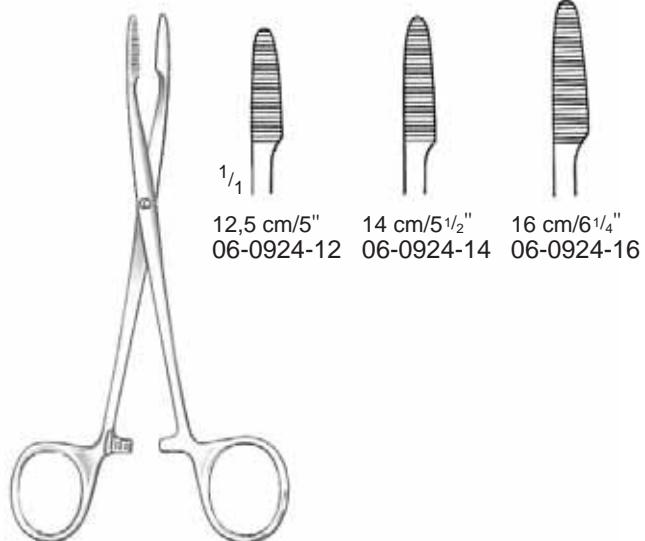
Hemostatic Forceps

Pinzas hemostáticas

Pince hémostatiques

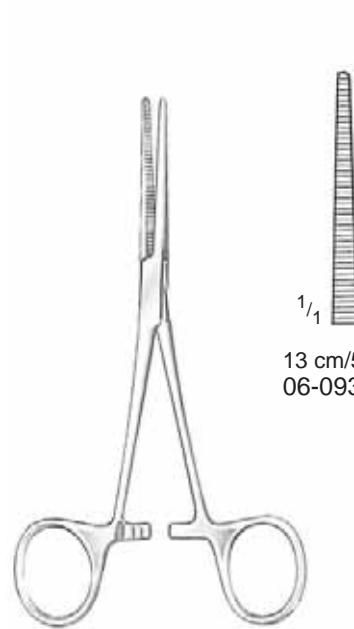


Péan
14,5 cm/5^{3/4}"
06-0920-14



Péan

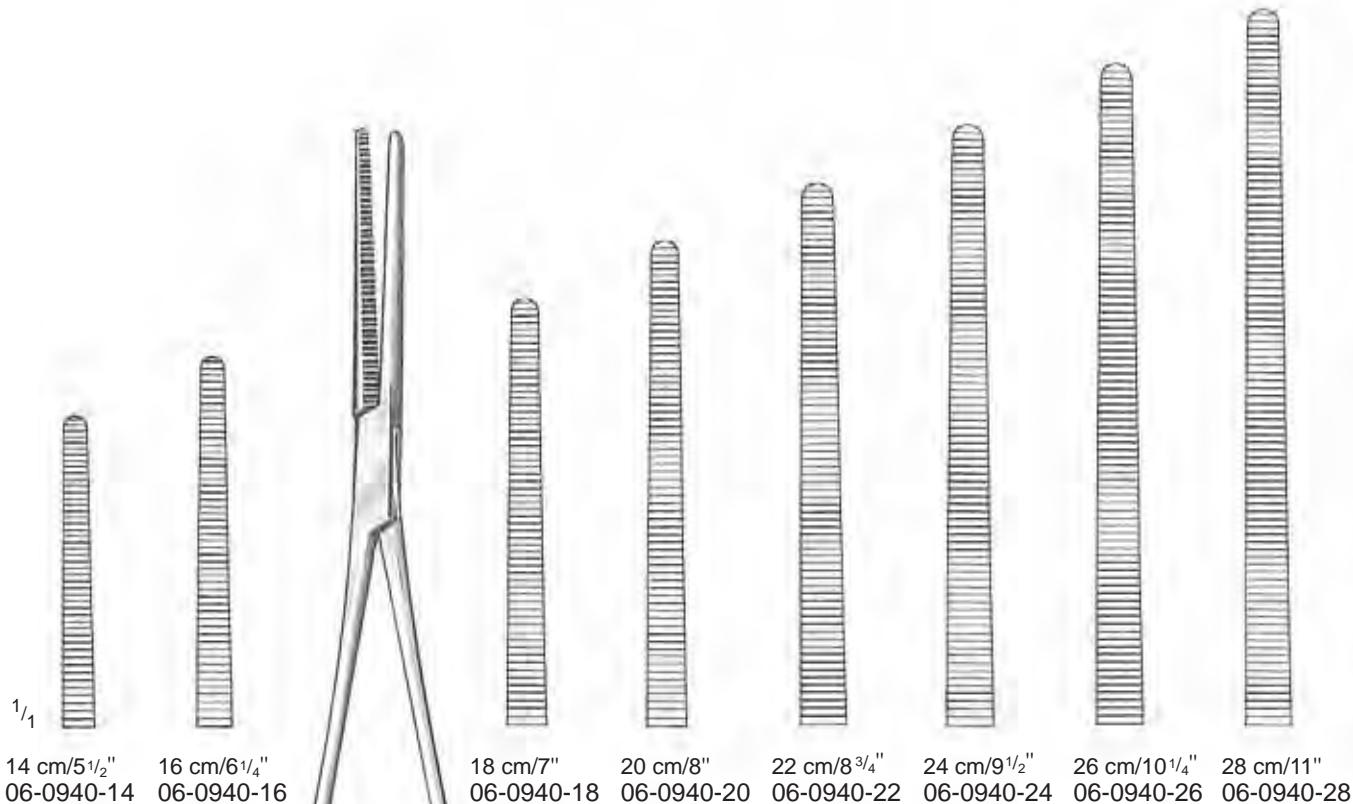
12,5 cm/5"
06-0924-12 14 cm/5^{1/2}"
06-0924-14 16 cm/6^{1/4}"
06-0924-16



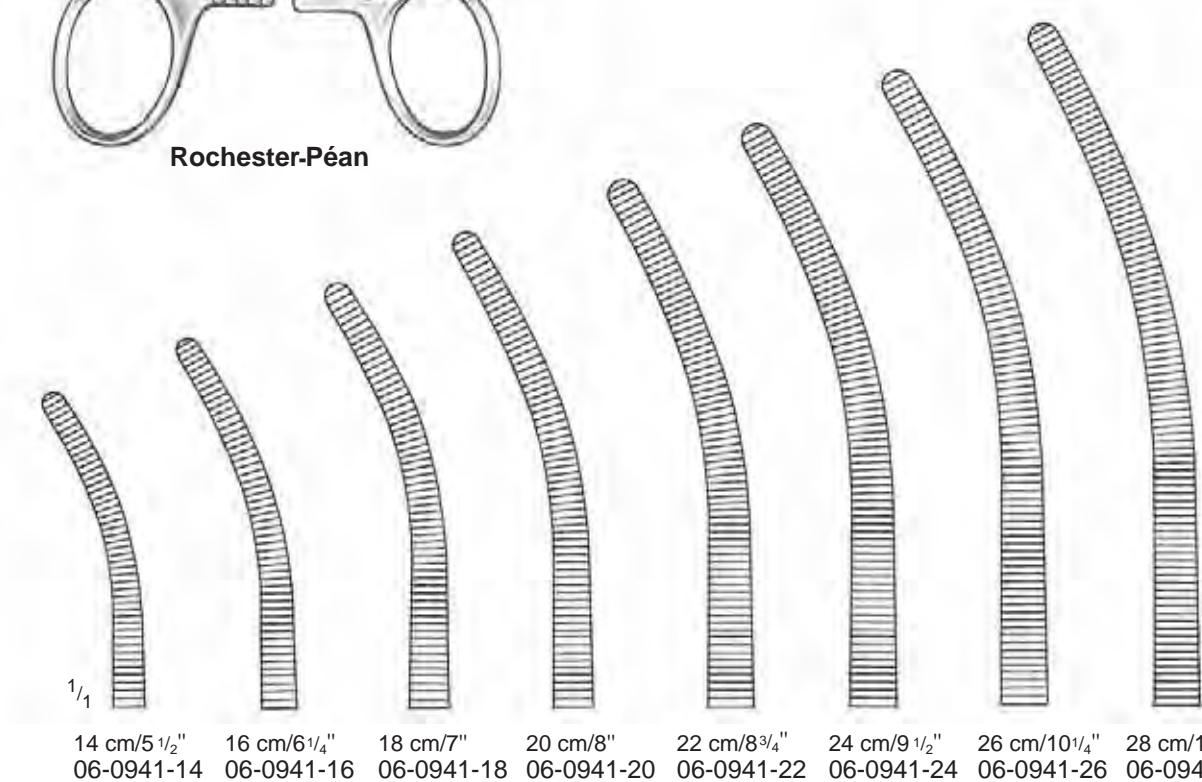
Péan

13 cm/5"
06-0930-13 14 cm/5^{1/2}"
06-0930-14 16 cm/6^{1/4}"
06-0930-16 13 cm/5"
06-0931-13 14 cm/5^{1/2}"
06-0931-14 16 cm/6^{1/4}"
06-0931-16

Graziles Modell
Delicate pattern
Modelo delgado
Modèle gracile

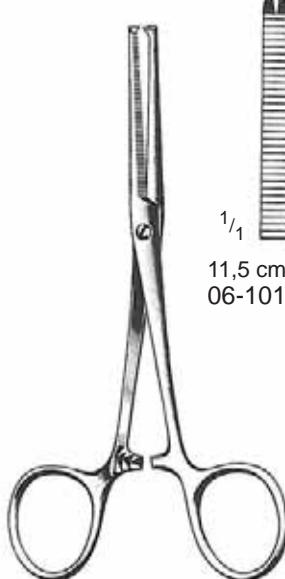


Rochester-Péan





پنس کوخر (دندانه دار)
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pince hémostatiques



Kocher

$1\frac{1}{2}$
 11,5 cm/4½"
 06-1010-11

$1\frac{1}{2}$
 13 cm/5"
 06-1010-13

$1\frac{1}{2}$
 14,5 cm/5¾"
 06-1010-14

$1\frac{1}{2}$
 15,5 cm/6"
 06-1010-15



Kocher-Fine
 $14,5 \text{ cm}/5\frac{3}{4}"$

06-1026-14 06-1027-14

graziles Modell
 delicate pattern
 modelo delgado
 modèle gracieux



Kocher

$1\frac{1}{2}$
 13 cm/5"
 06-1028-13

$1\frac{1}{2}$
 14,5 cm/5¾"
 06-1028-14

$1\frac{1}{2}$
 16 cm/6¼"
 06-1028-16

$1\frac{1}{2}$
 13 cm/5"
 06-1029-13

$1\frac{1}{2}$
 14,5 cm/5¾"
 06-1029-14

$1\frac{1}{2}$
 16 cm/6¼"
 06-1029-16

پنس کوخر (دندانه دار)

Arterienklemmen

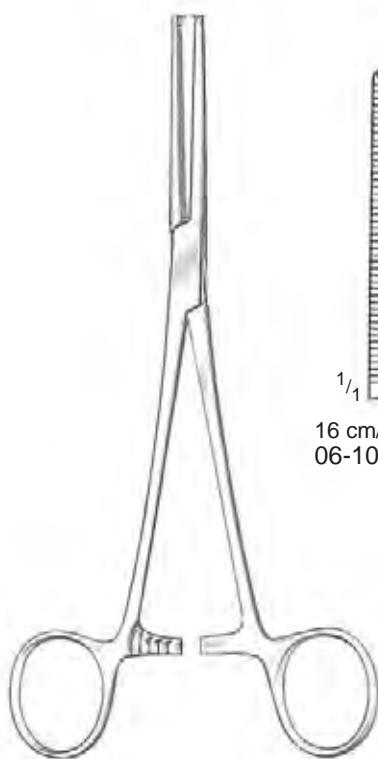
Hemostatic Forceps

Pinzas hemostáticas

Pince hémostatiques



Univer® 06



1/1
16 cm/6 1/4"
06-1030-16

18 cm/7"
06-1030-18

20 cm/8"
06-1030-20

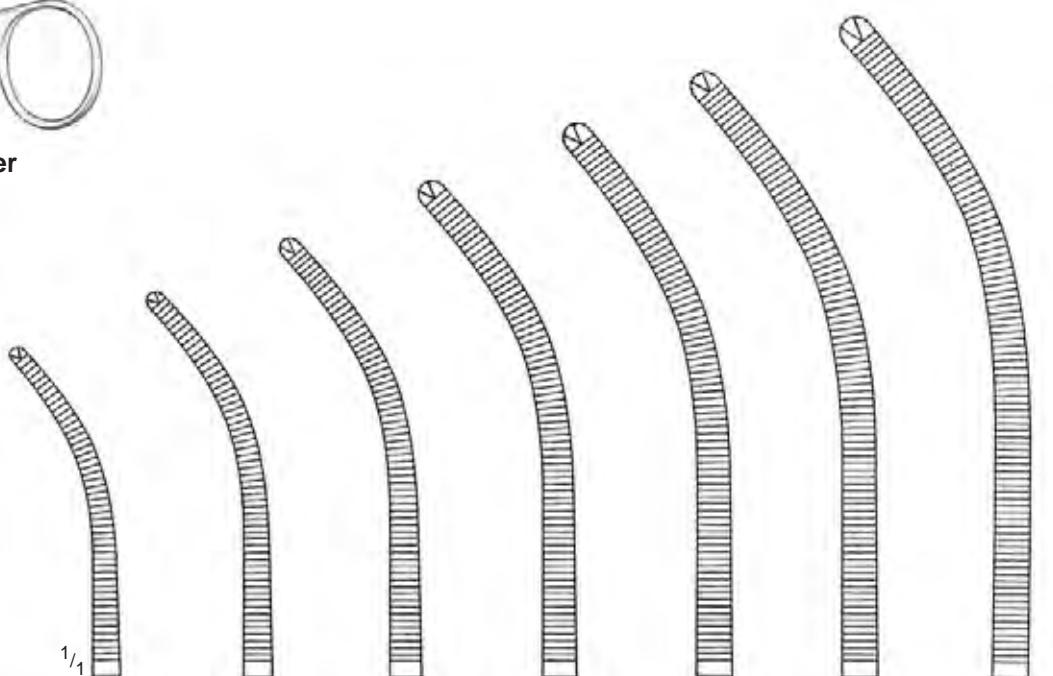
22 cm/8 3/4"
06-1030-22

24 cm/9 1/2"
06-1030-24

26 cm/10 1/4"
06-1030-26

28 cm/11"
06-1030-28

Rochester-Ochsner



1/1
16 cm/6 1/4"
06-1031-16

18 cm/7"
06-1031-18

20 cm/8"
06-1031-20

22 cm/8 3/4"
06-1031-22

24 cm/9 1/2"
06-1031-24

26 cm/10 1/4"
06-1031-26

28 cm/11"
06-1031-28

06



پنس هموستات
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pince hémostatiques



1/1
13 cm/5"
06-1050-13



14 cm/5½"
06-1050-14



15 cm/6"
06-1050-15



20 cm/8"
06-1050-20



1/1
13 cm/5"
06-1051-13



14 cm/5½"
06-1051-14



15 cm/6"
06-1051-15



20 cm/8"
06-1051-20



Spencer-Wells (Jones)

پنس هموستات

Präparier- und Arterienklemmen

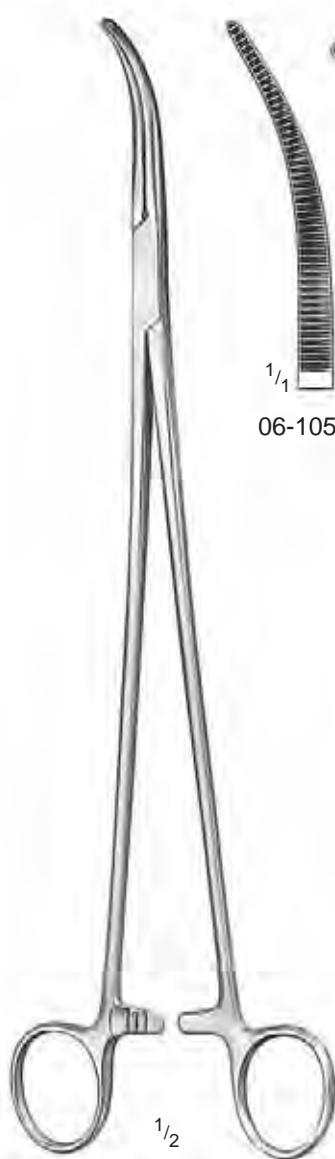
Dissecting and Hemostatic Forceps

Pinzas para preparaciones y hemostáticas

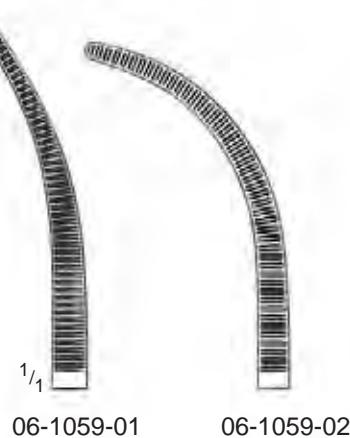
Pince à dissection et hémostatiques



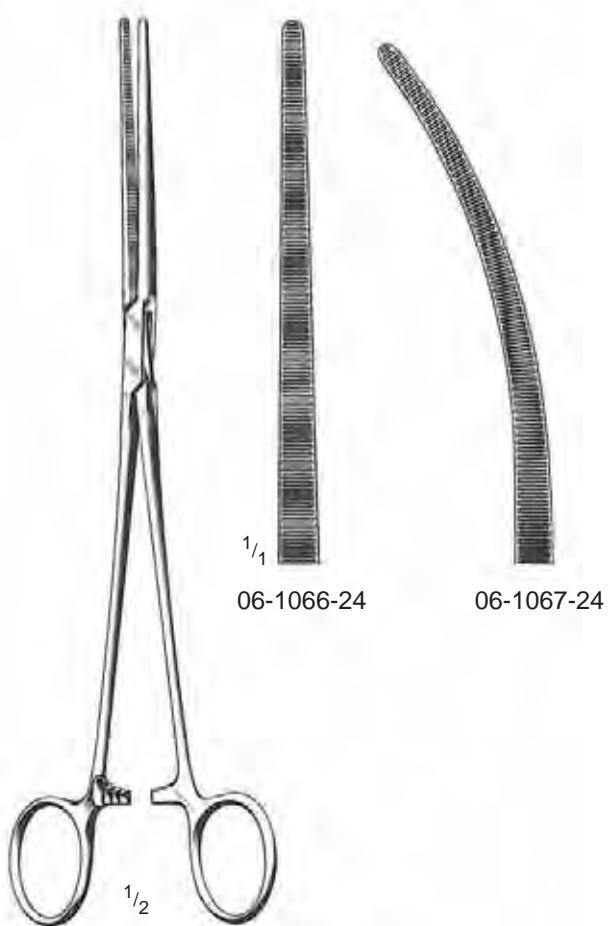
06



Zenker
30 cm/12"



Lungen-Arterienklemmen
Thoracic Artery Forceps
Pinzas hemostáticas para el pulmón
Pince hémostatiques pour le poumon



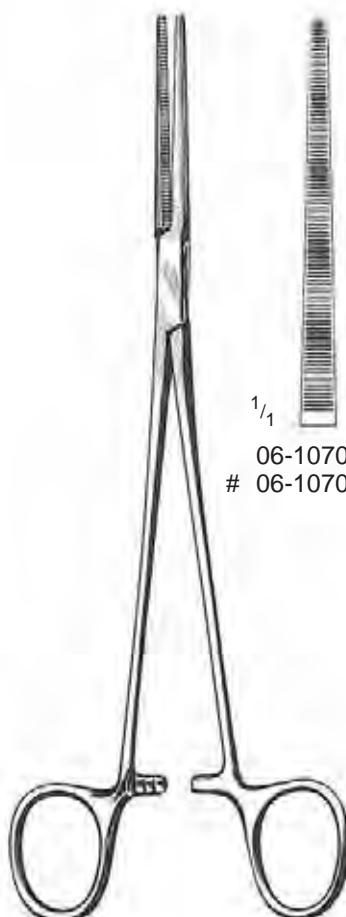
Sarot
24 cm/9 1/2"

06



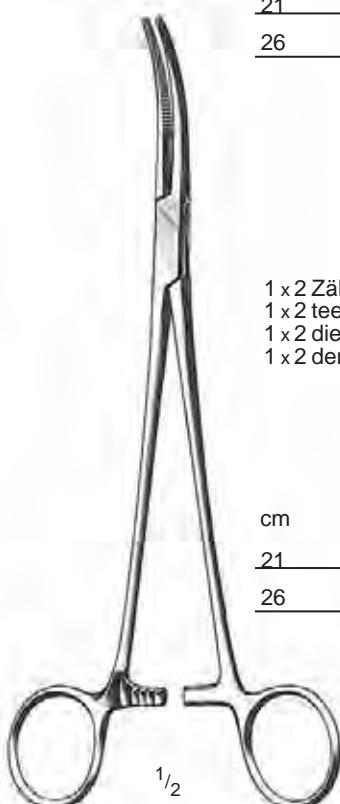
پنس هموستات

Präparier- und Arterienklemmen
Dissecting and Hemostatic Forceps
Pinzas para preparaciones y hemostáticas
Pince à dissection et hémostatiques



Roberts
24 cm/9½"
22 cm/8¾" #

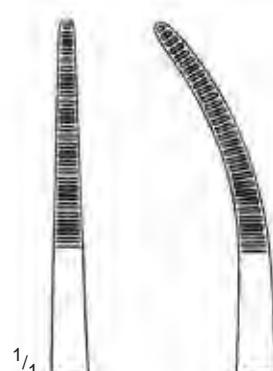
$\frac{1}{1}$
06-1070-24 06-1071-24
06-1070-22 06-1071-22



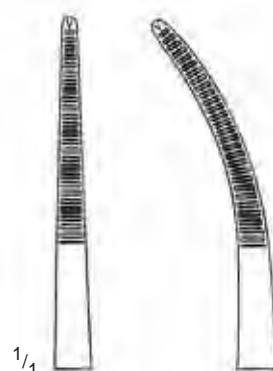
Toennis

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

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



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



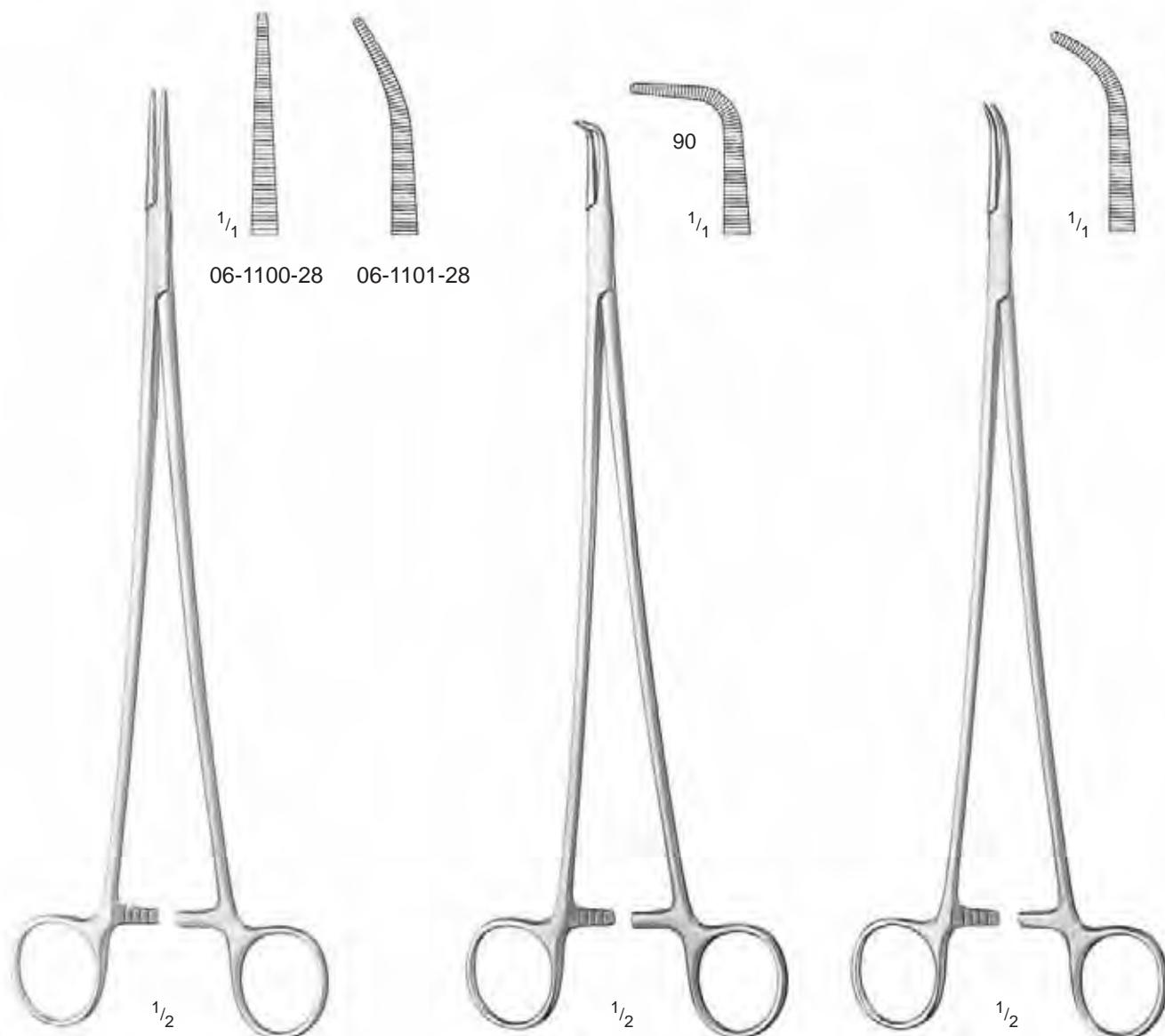
پنس هموستات

Präparier- und Arterienklemmen

Dissecting and Hemostatic Forceps

Pinzas para preparaciones y hemostáticas

Pince à dissection et hémostatiques



Bridge
28 cm/11"

Meeker
28 cm/11"
06-1109-28

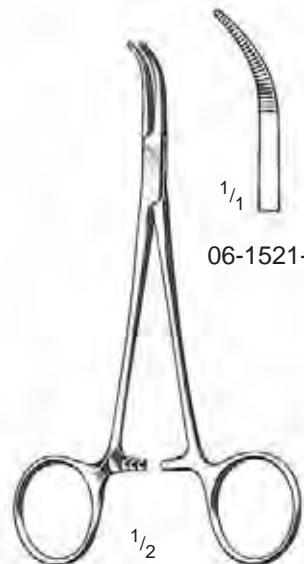
Lawrence
28 cm/11"
06-1115-28



پنس هموستات

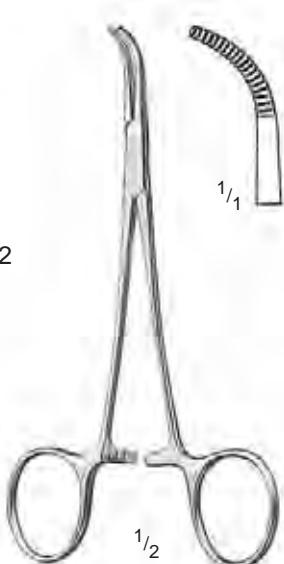
Präparier-, Arterien- und Ligaturklemmen
Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras
Pince à dissection, pinces hémostatiques, pinces à ligatures

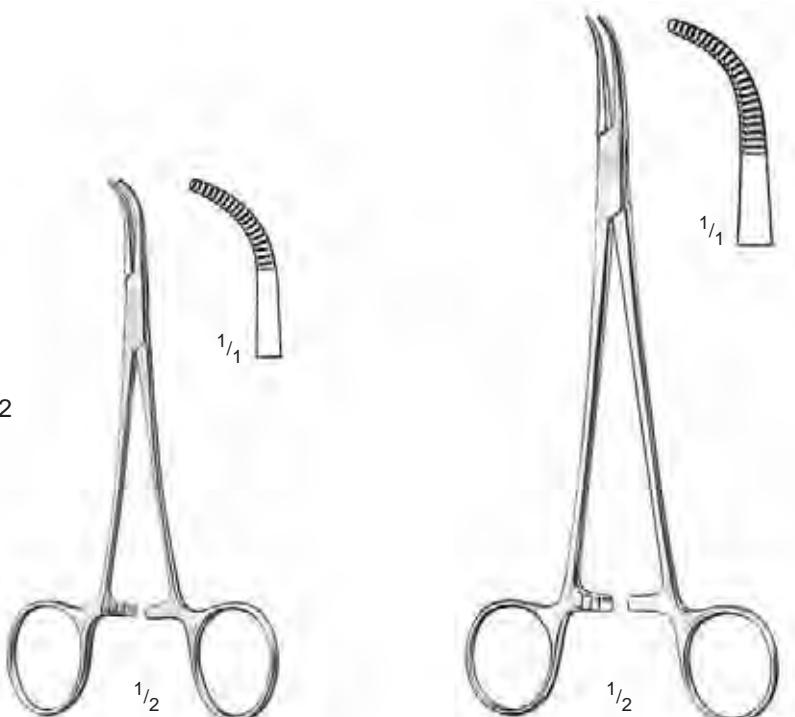


Baby-Mixter
14 cm/5 1/2"

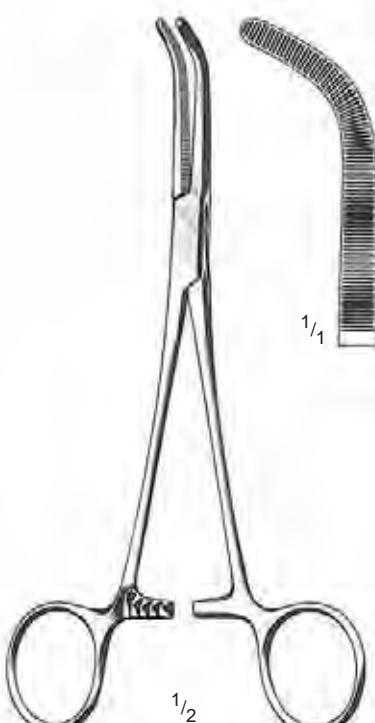
06-1521-01 06-1521-02



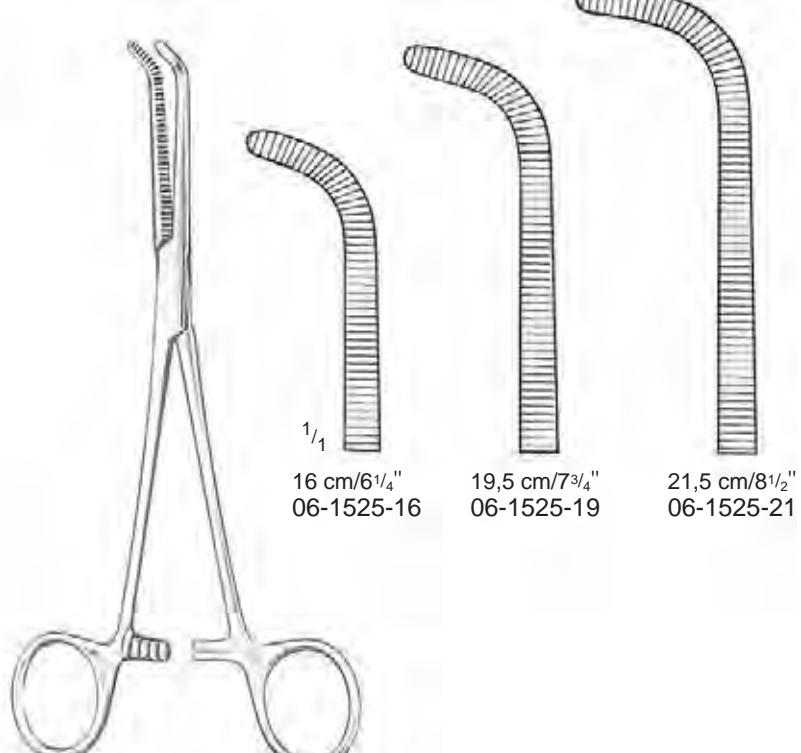
Baby-Mixter
14 cm/5 1/2"
06-1521-14



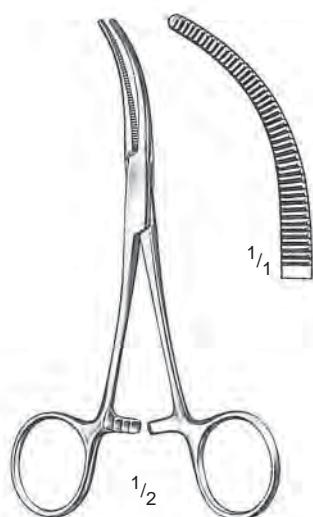
Baby-Mixter
18 cm/7"
06-1521-18



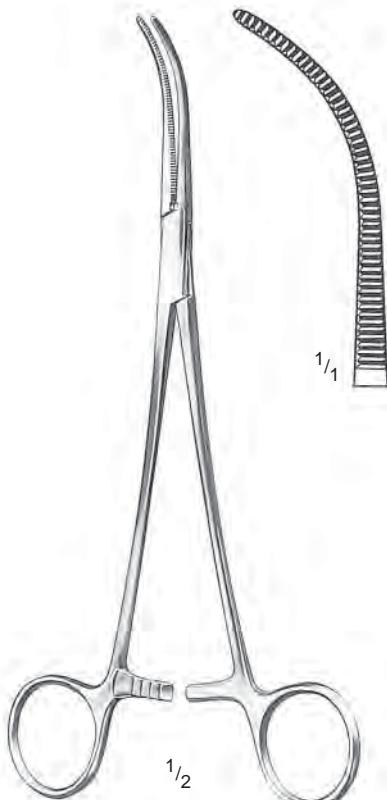
Mixter-O'Shaugnessy
19 cm/7 1/2"
06-1523-19



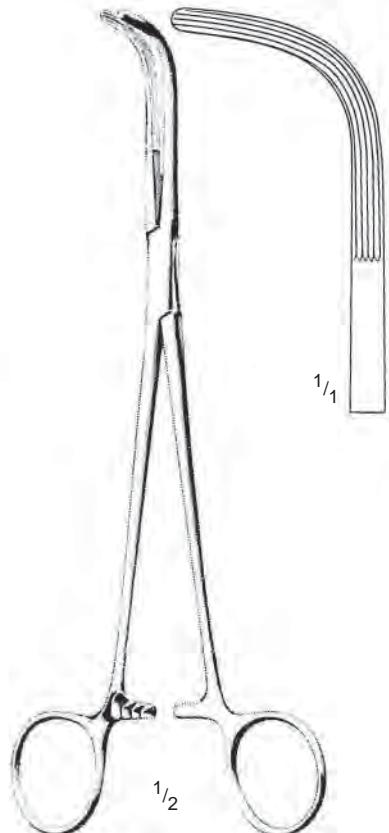
16 cm/6 1/4"
06-1525-16 19,5 cm/7 3/4"
06-1525-19 21,5 cm/8 1/2"
06-1525-21



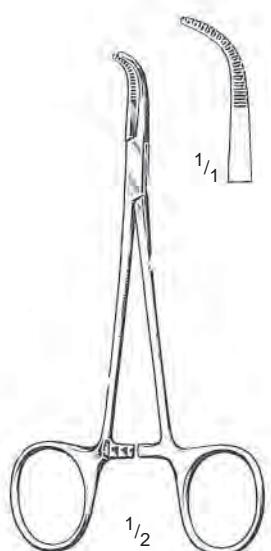
Baby-Overholt
13,5 cm/5 $\frac{1}{4}$ "
06-1537-13



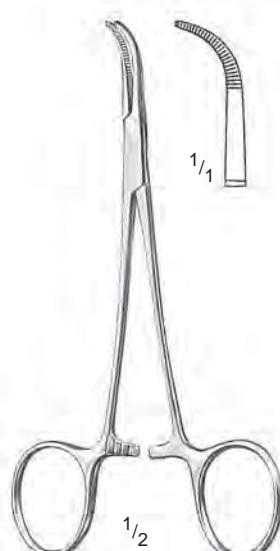
Overholt-Mixter
21 cm/8 $\frac{1}{4}$ "
06-1537-21



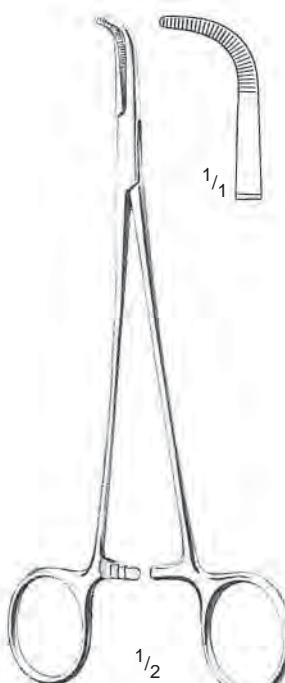
McQuigg-Mixter
22 cm/8 $\frac{3}{4}$ "
06-1539-22



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



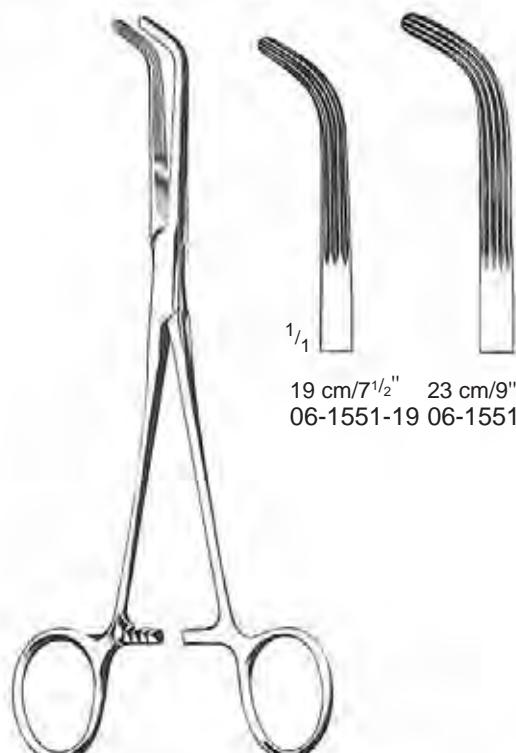
پنس هموستات

Präparier-, Arterien- und Ligaturklemmen

Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

Pince à dissection, pinces hémostatiques, pinces à ligatures



Lahey

$1/1$
19 cm/7½"
06-1551-19

$1/1$
23 cm/9"
06-1551-23



Johns-Hopkins
20 cm/8"
06-1559-20



Mixter
23 cm/9"
06-1573-23



Mixter

$1/1$
22 cm/8¾"
06-1563-22

$1/1$
25 cm/10"
06-1563-25

$1/1$
28 cm/11"
06-1563-28

پنس هموستات (رايت انگل)

Präparier-, Arterien- und Ligaturklemmen

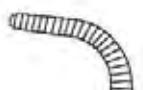
Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

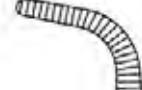
Pince à dissection, pinces hémostatiques, pinces à ligatures



1/1
20 cm/8"
06-1583-20



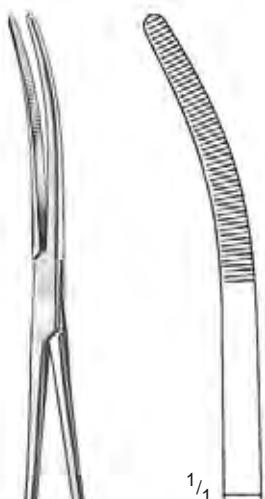
24 cm/9 1/2"
06-1583-24



28 cm/11"
06-1583-28



Kantrowitz



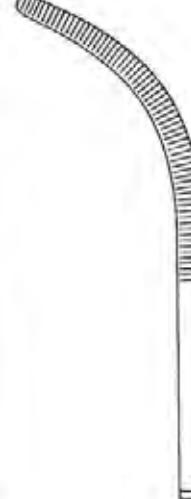
06-1701-01



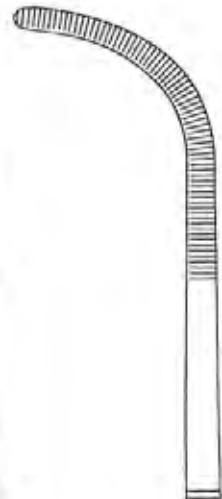
06-1701-02



06-1701-03



06-1701-04



06-1701-05



Rumel
23 cm/9"



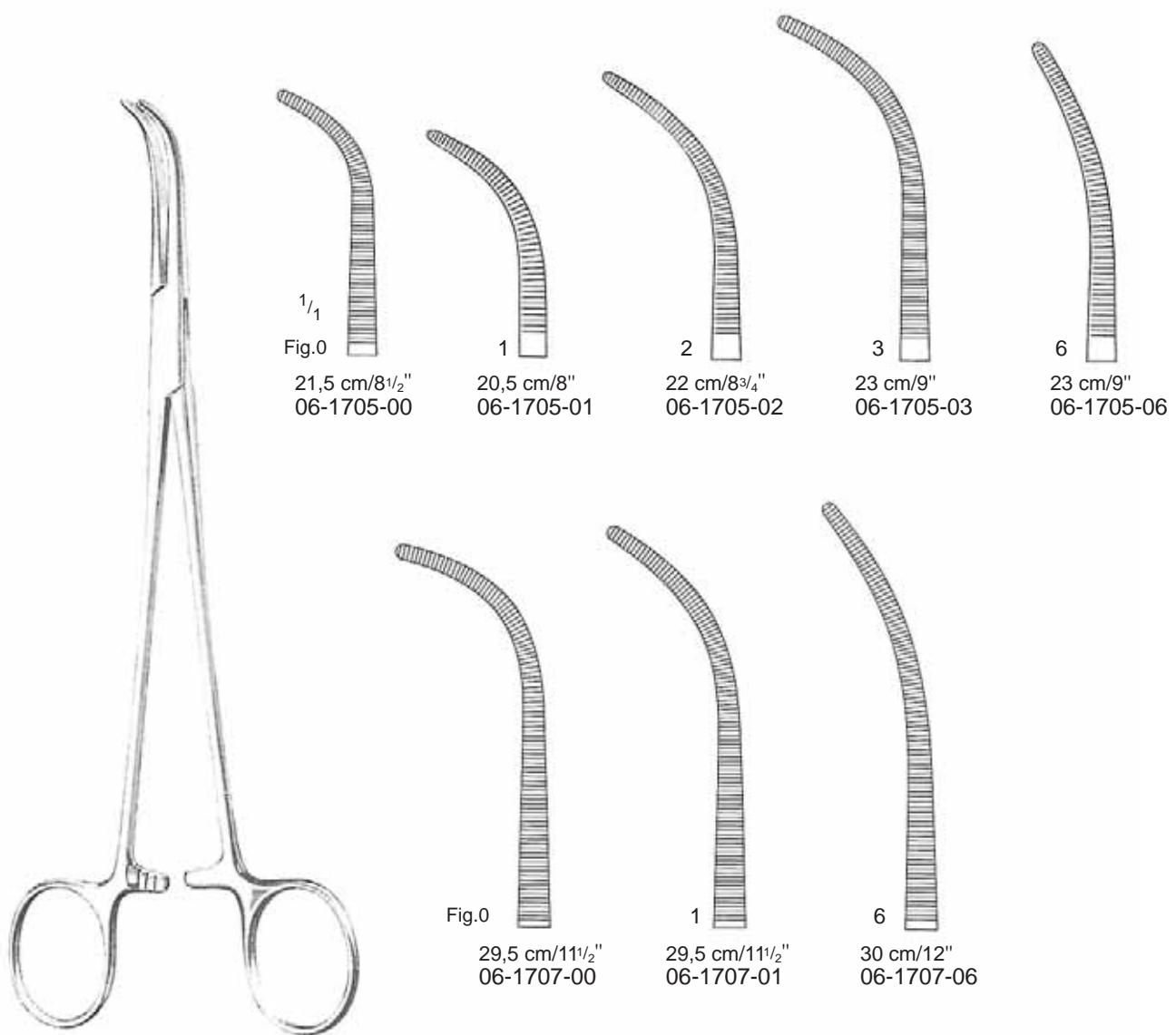
پنس هموستات

Präparier-, Arterien- und Ligaturklemmen

Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

Pince à dissection, pinces hémostatiques, pinces à ligatures



Overholt

feines Modell
delicate pattern
modelo fino
modèle fin



Overholt-Geissendoerfer
06-1711-##



Overholt-Geissendoerfer
06-1713-##

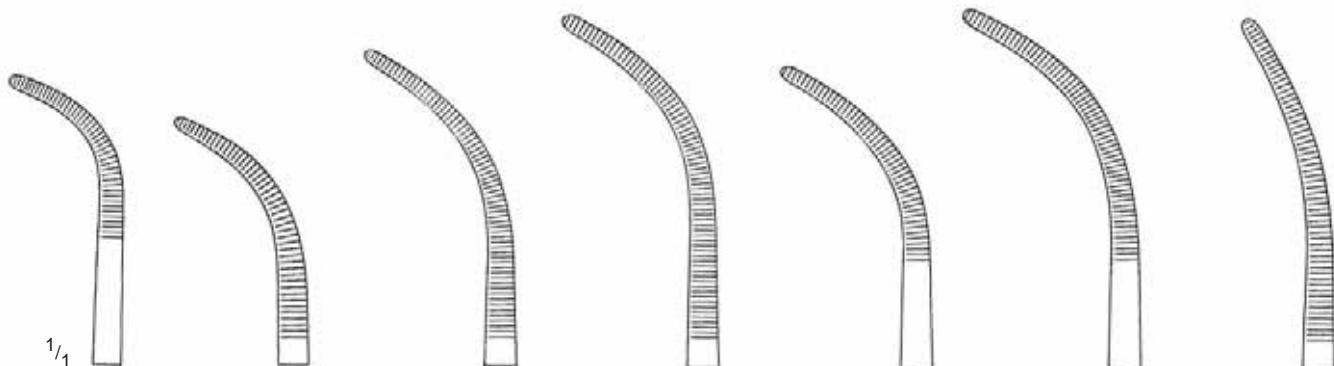


Fig.0 19,5 cm/7 1/4" 06-1711-00	1 21 cm/8 1/4" 06-1711-01	2 22 cm/8 3/4" 06-1711-02	3 22,5 cm/9" 06-1711-03	4 21,5 cm/8 1/2" 06-1711-04	5 22,5 cm/9" 06-1711-05	6 22,5 cm/9" 06-1711-06
26 cm/10 1/4" 06-1713-00	27 cm/10 1/2" 06-1713-01	27,5 cm/10 3/4" 06-1713-02	27,5 cm/10 3/4" 06-1713-03	27,5 cm/10 3/4"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



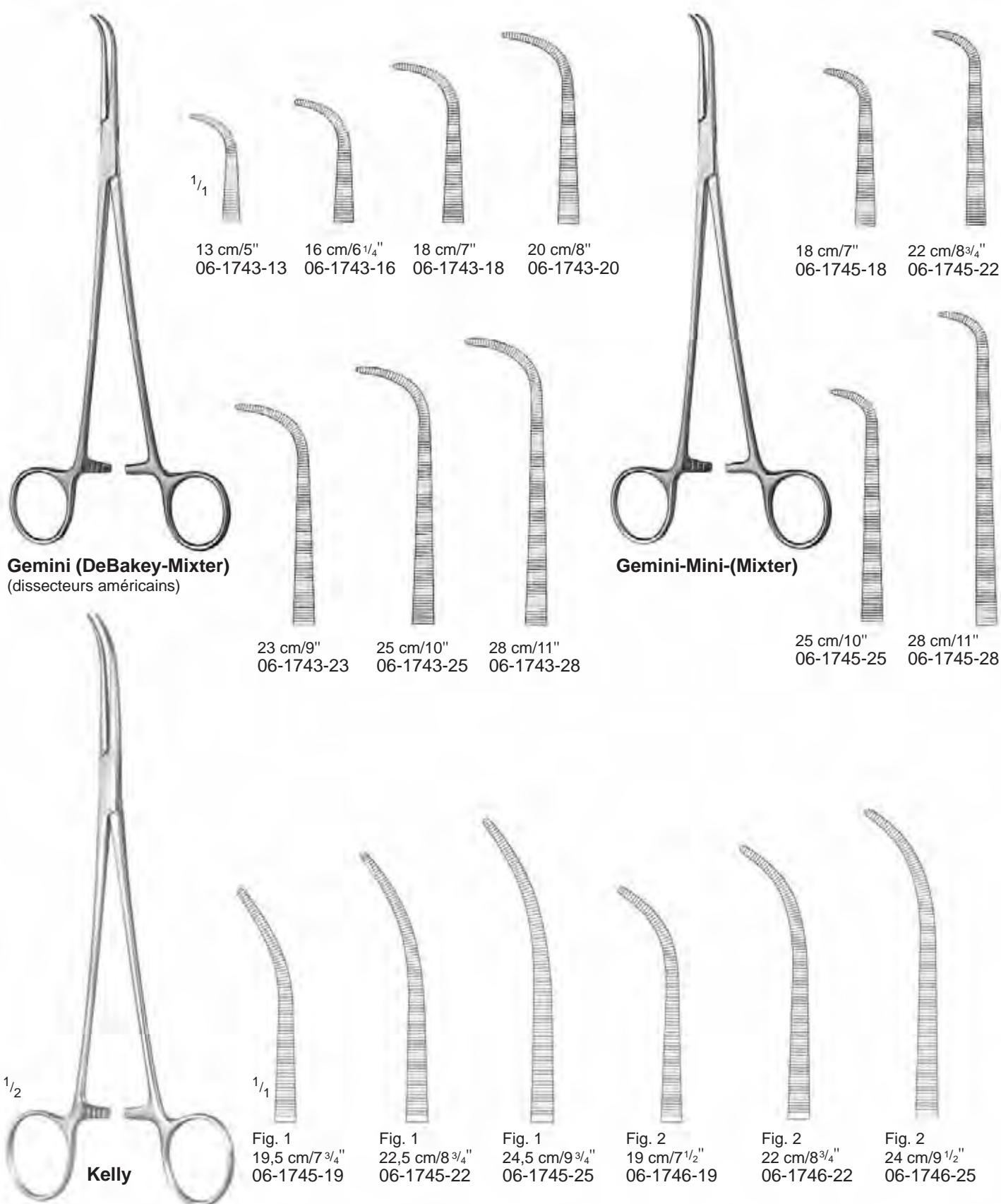
پنس هموستات (رأيت انگل)

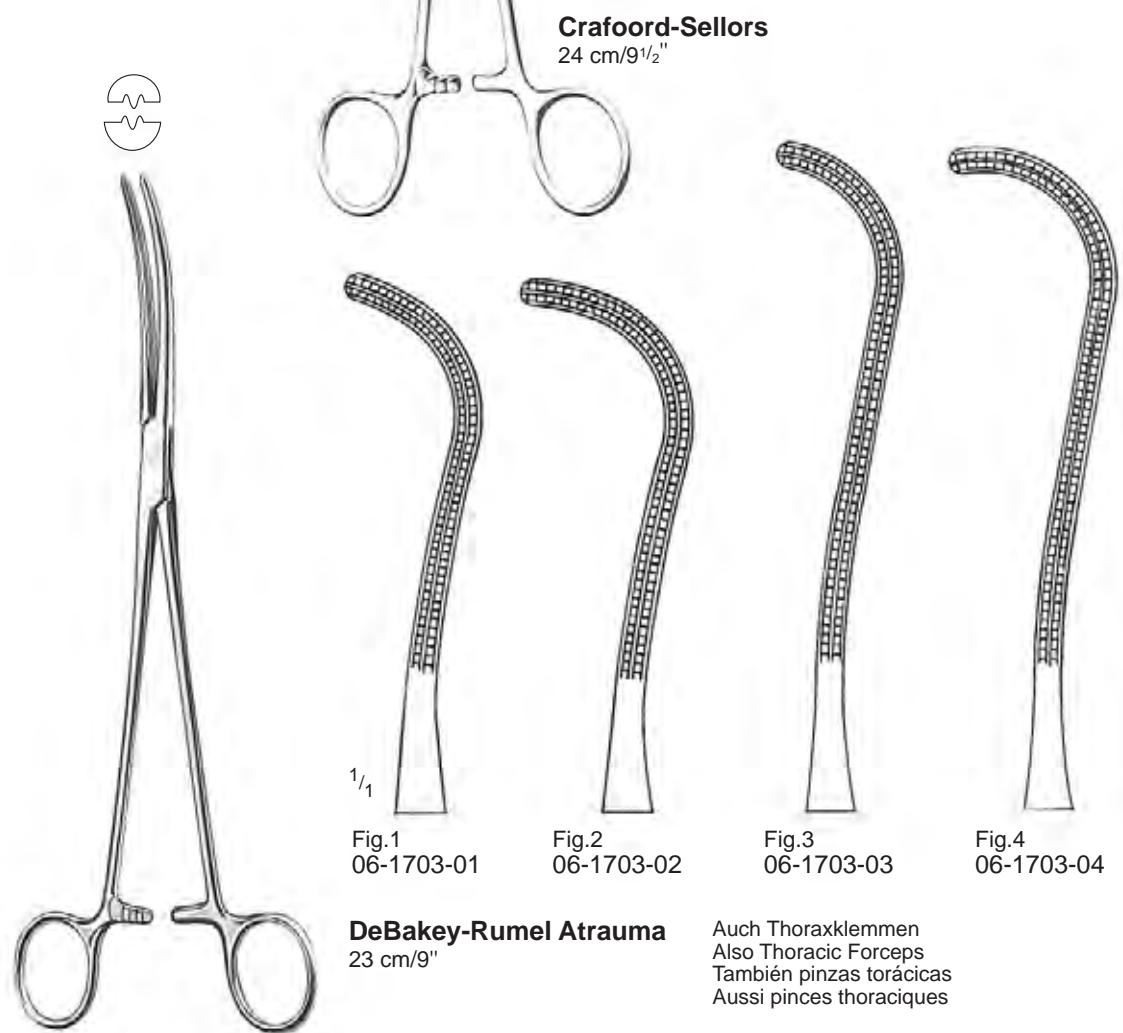
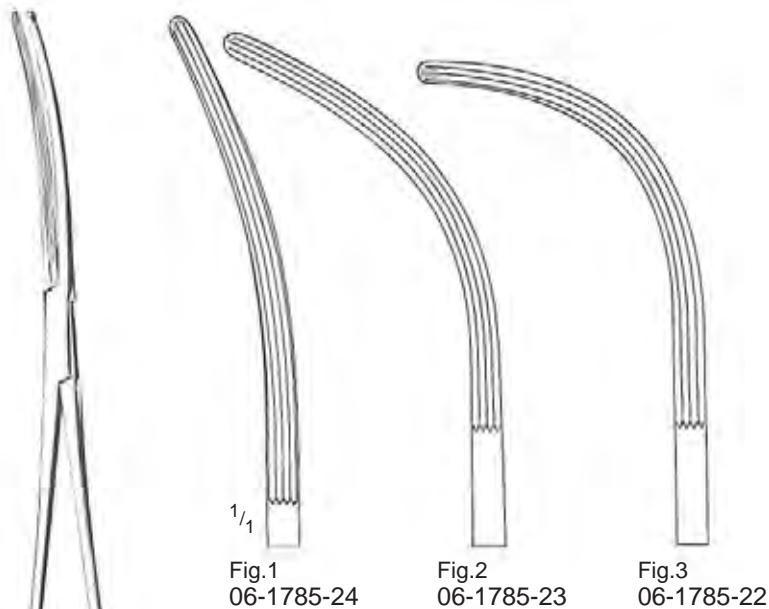
Präparier-, Arterien- und Ligaturklemmen

Dissecting, Hemostatic and Ligature Forceps

Pinzas para preparaciones, pinzas hemostáticas, pinzas para ligaduras

Pince à dissection, pinces hémostatiques, pinces à ligatures







انواع پنس
Gefäßklemmen
Blood Vessel Clamps
Clamps para vasos
Pinces vasculaires

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

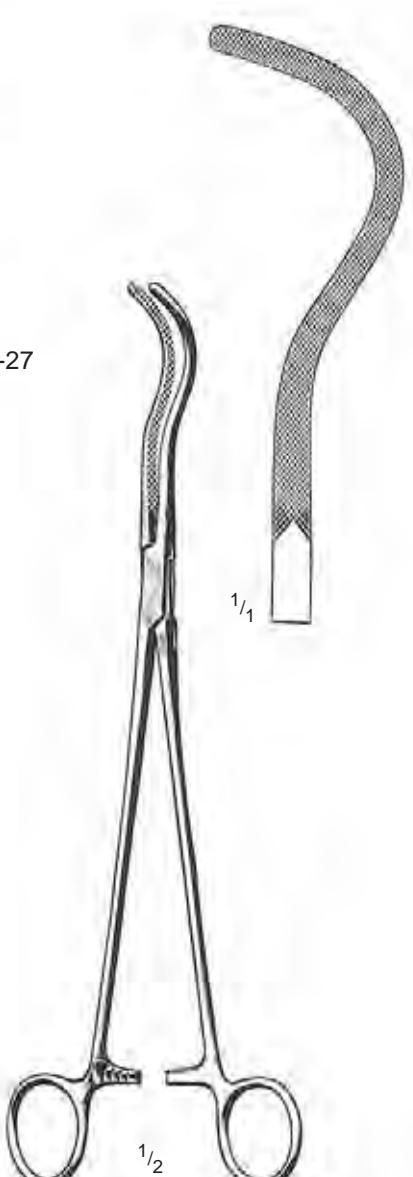
Thorax- und Aurikelklemme
Thorax and Auricle Forceps
Pinza para tórax y auricula
Pince thoracique et à oreillette



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



Satinsky
26,5 cm/10½"



Harken
24 cm/9½"
06-2147-01

پنس آپاندکتومی

Pylorusspreizer, Appendekтомieklemmen, Spornquetscher

Pylorus Separator, Appendectomy Clamps, Spur Crusher

Separadore pylorus, Pinzas para apendice, Enterótomo

Dilatateur pour le pylore, Pinces pour appendicectomie, Entérotome



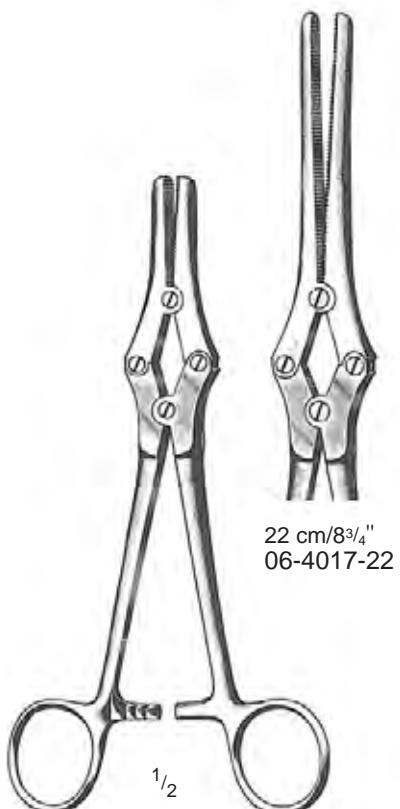
Pylorusspreizer
Pylorus Separator
Separadore pylorus
Dilatateur pour le pylore

Appendekтомieklemmen
Appendectomy Clamps
Pinzas para apendice
Pinces pour appendicectomie

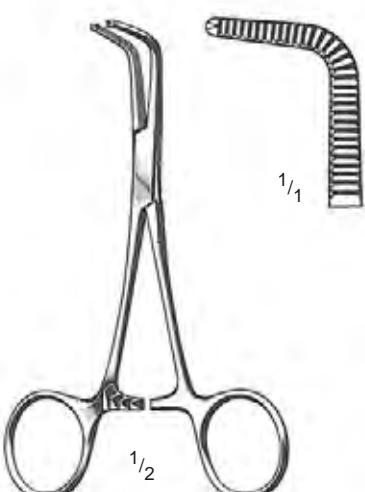
Appendekтомieklemmen und Spornquetscher
Appendectomy Clamp and Spur Crusher
Pinza para apendice y Enterótomo
Pince pour appendicectomie et Entérotome



Benson
15 cm/6"
06-4005-15



Zweifel
17 cm/6 3/4"
06-4017-17



Kleinschmidt
12 cm/4 3/4"
06-4023-12

06



پنس روپس

Darmklemmen

Intestinal Clamp Forceps

Pinzas-clamps intestinales

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



Atrauma



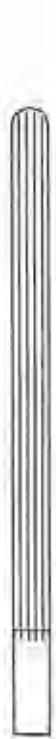
Atrauma



25 cm/10"
06-4124-25



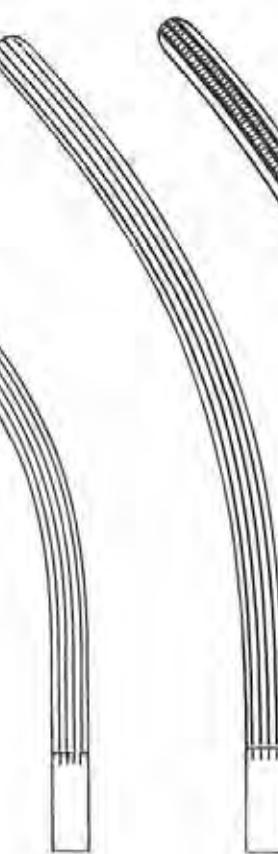
25 cm/10"
06-4120-25



21 cm/8 1/4"
06-4120-21



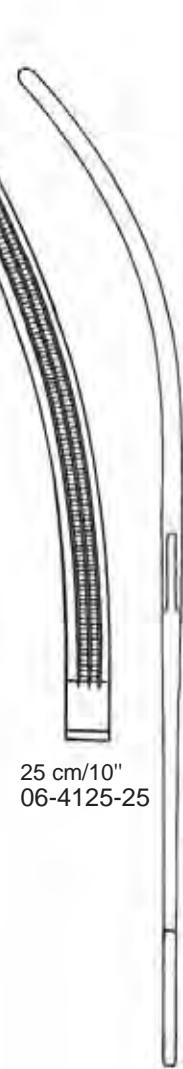
23 cm/9"
06-4120-23



21 cm/8 1/4"
06-4121-21



25 cm/10"
06-4121-25



25 cm/10"
06-4125-25

23 cm/9"
06-4121-23

Mayo-Robson
sehr elastisch
very flexible
muy elásticas
très souples

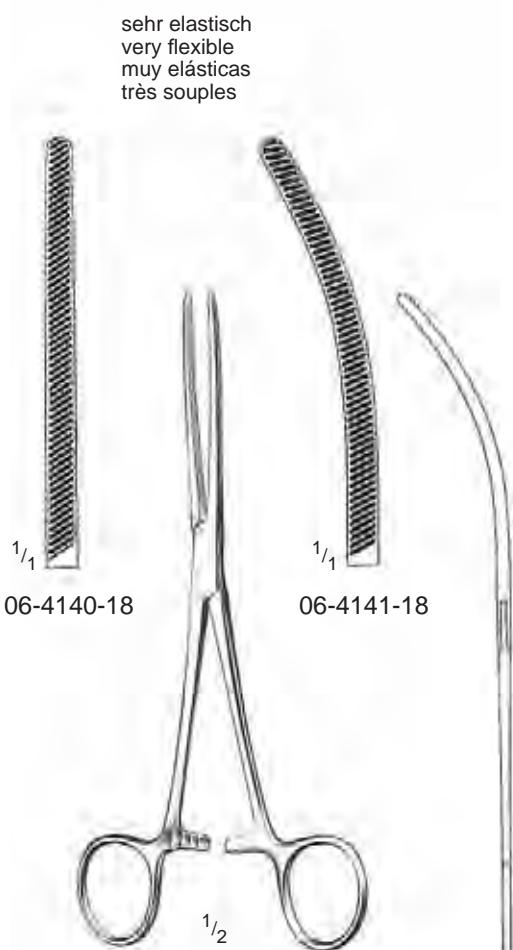
پنس روپس

Darmklemmen

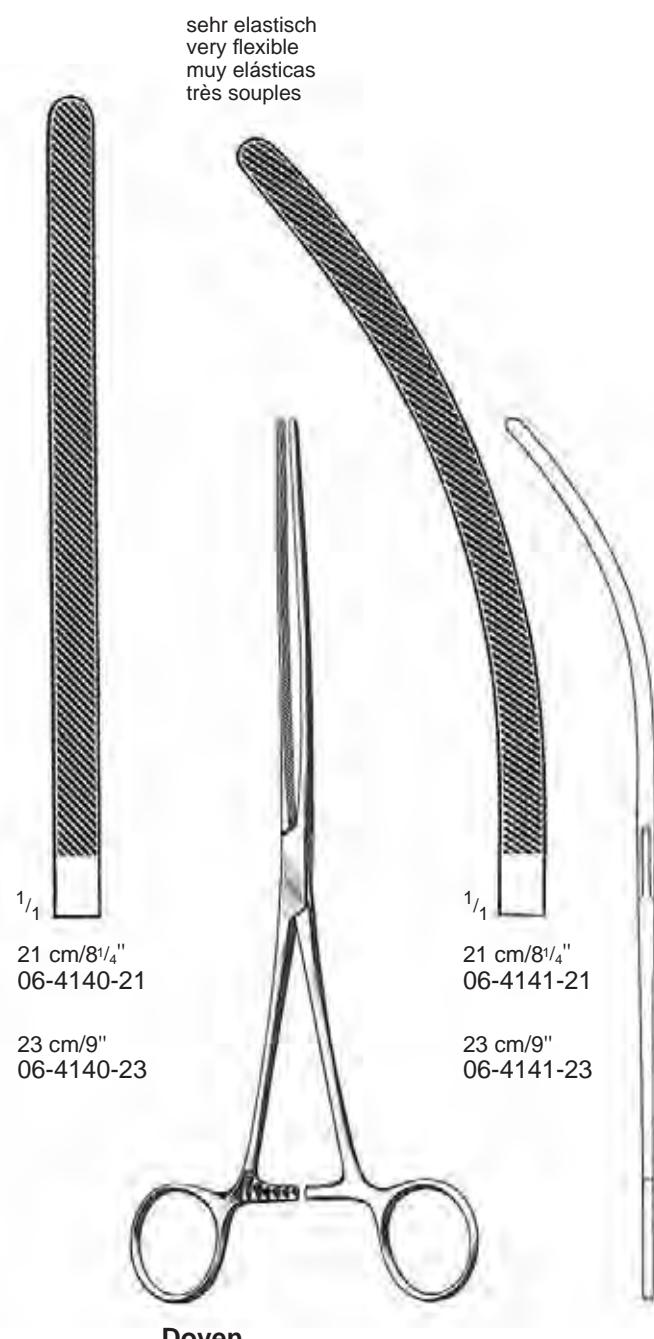
Intestinal Clamp Forceps

Pinzas-clamps intestinales

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



Baby-Doyen
18 cm/7"



Doyen

06



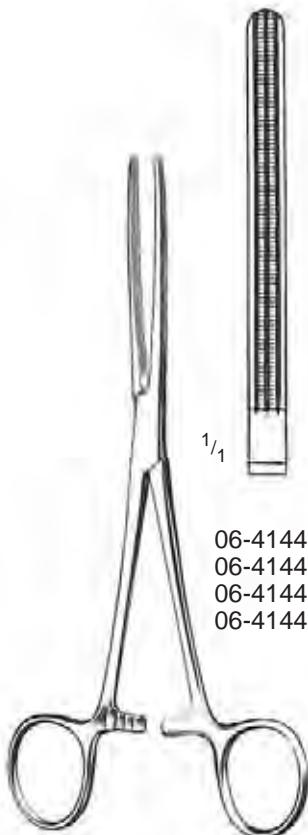
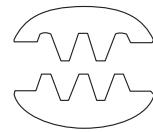
پنس روده

Atrauma Darmklemmen

Atrauma Intestinal Clamp Forceps

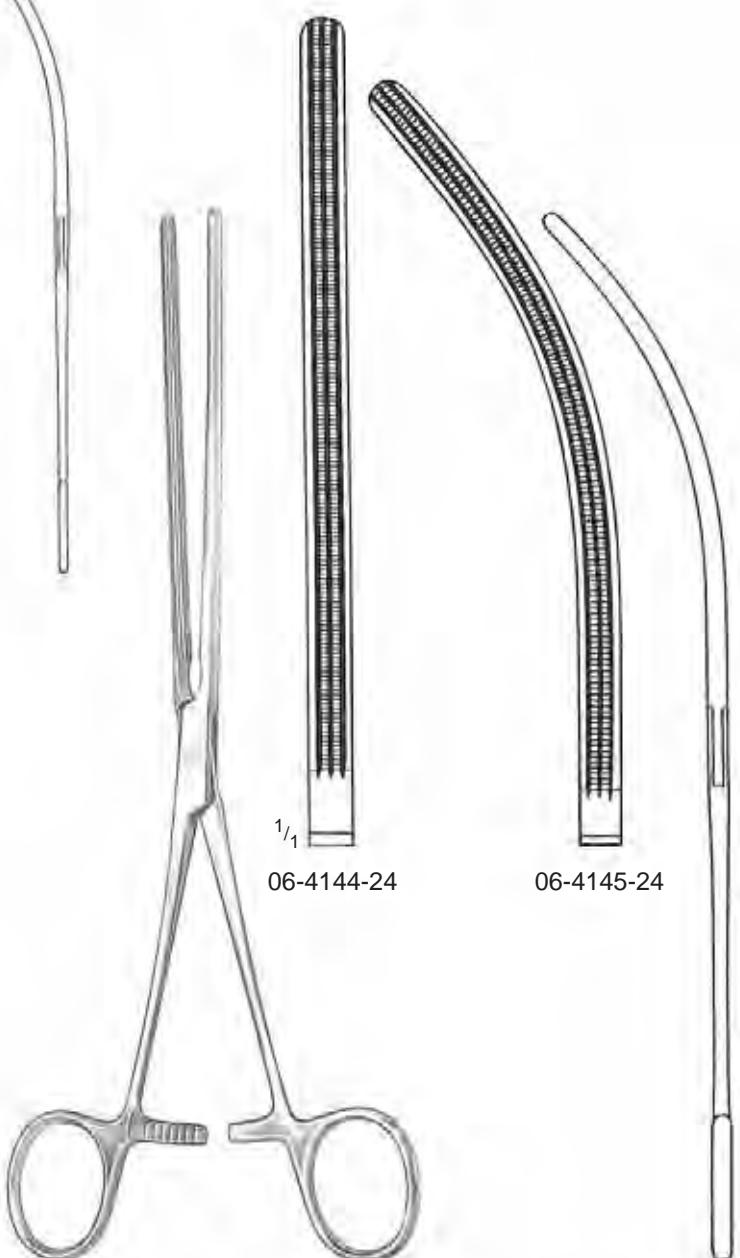
Atrauma Pinzas-clamps intestinales

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



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

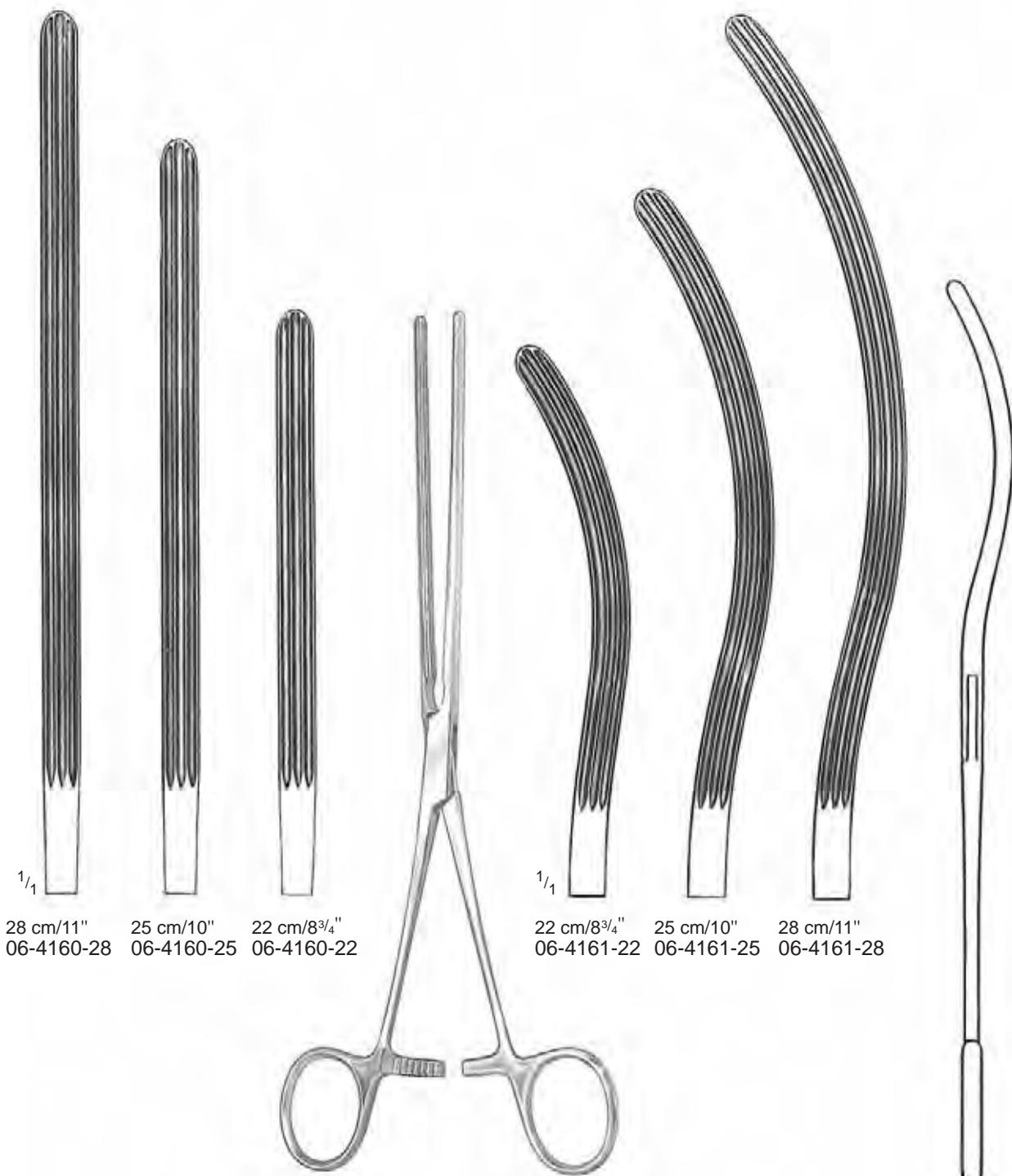
Baby-Doyen Atrauma
18 cm/7"



06-4144-24

06-4145-24

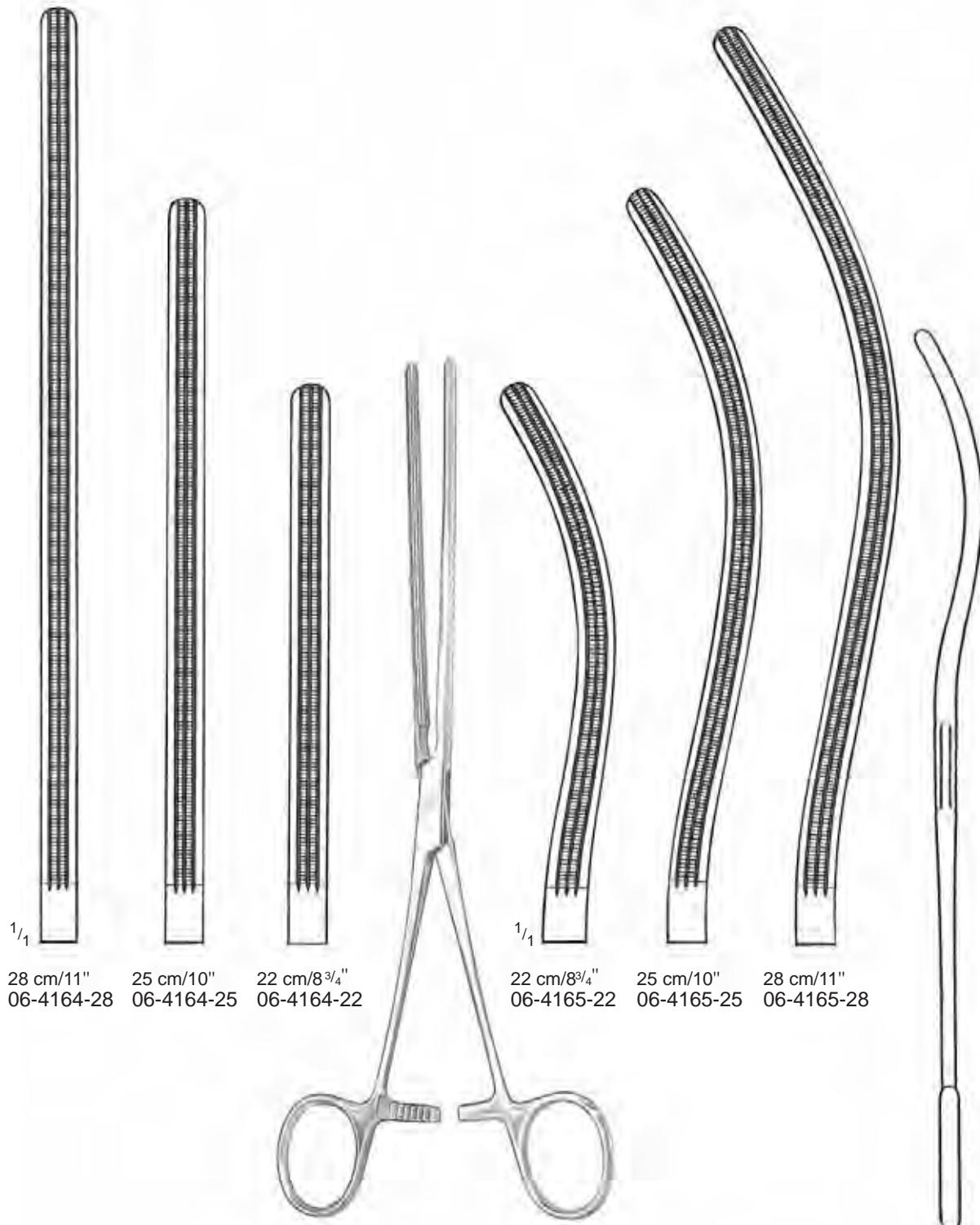
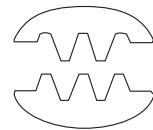
Doyen Atrauma
24 cm/9 1/2"



Kocher
 sehr elastisch
 very flexible
 muy elásticas
 très souples



پنس روده

Atrauma Darmklemmen**Atrauma Intestinal Clamp Forceps****Atrauma Pinzas-clamps intestinales****Atrauma Pinces-clamps pour l'intestin (Pinces à coprostase)****Kocher Atrauma**

sehr elastisch
very flexible
muy elásticas
très souples

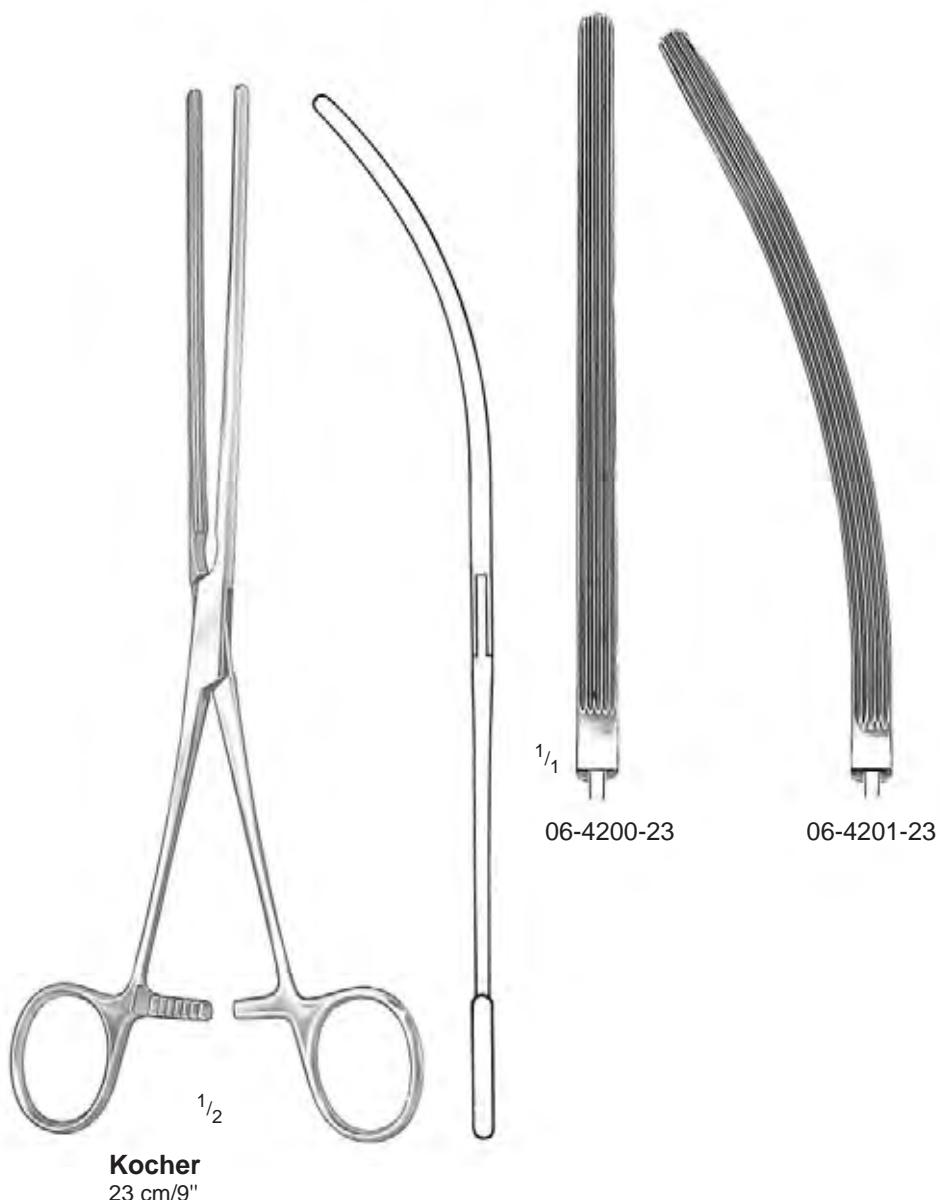
پنس روپس

Darmklemmen

Intestinal Clamp Forceps

Pinzas-clamps intestinales

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



06



پنس روڈس

Darmklemmen

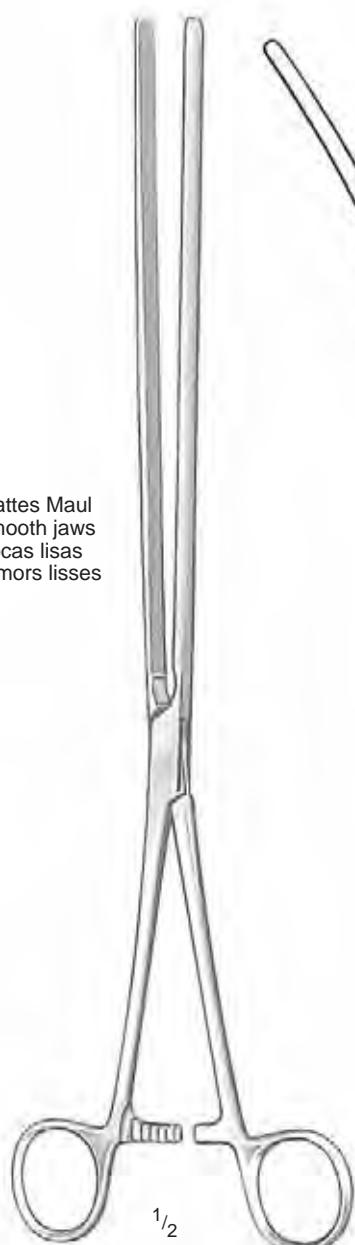
Intestinal Clamp Forceps

Pinzas-clamps intestinales

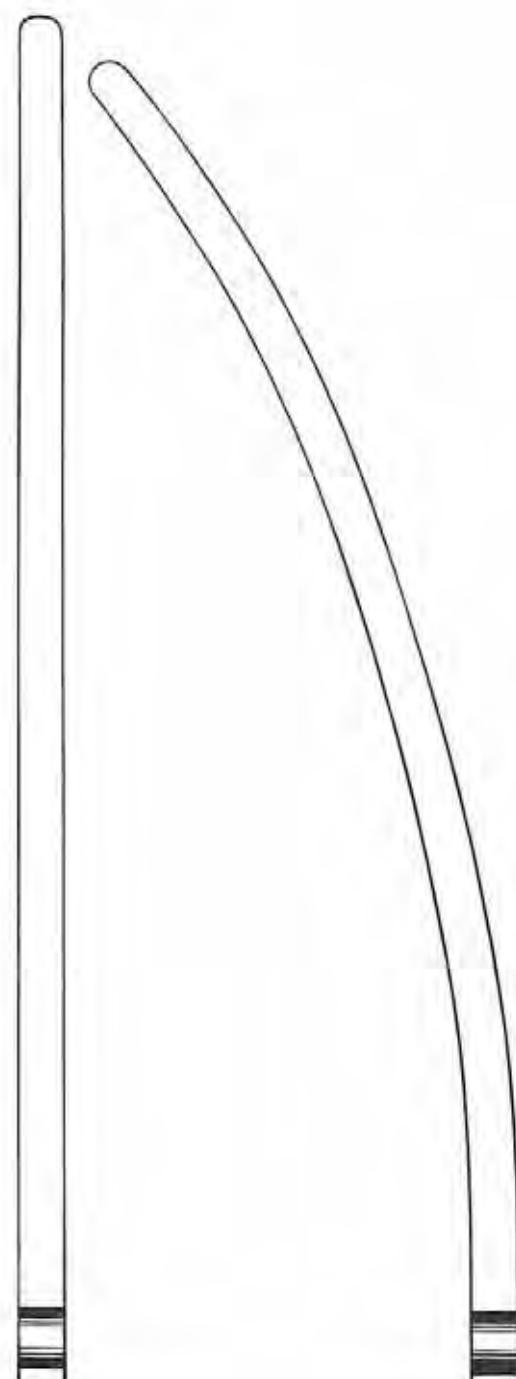
Pince-clamps pour l'intestin (Pince à coprostase)

sehr elastisch
very flexible
muy elástica
très souple

glattes Maul
smooth jaws
bocas lisas
à mors lisses



Scudder
33 cm/13"



06-4230-33

06-4231-33

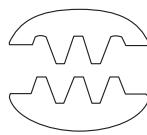
پنس رود

Atrauma Darmklemmen

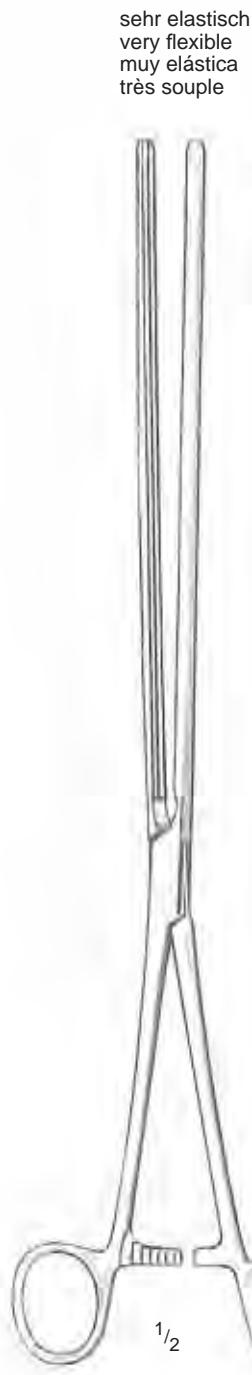
Atrauma Intestinal Clamp Forceps

Atrauma Pinzas-clamps intestinales

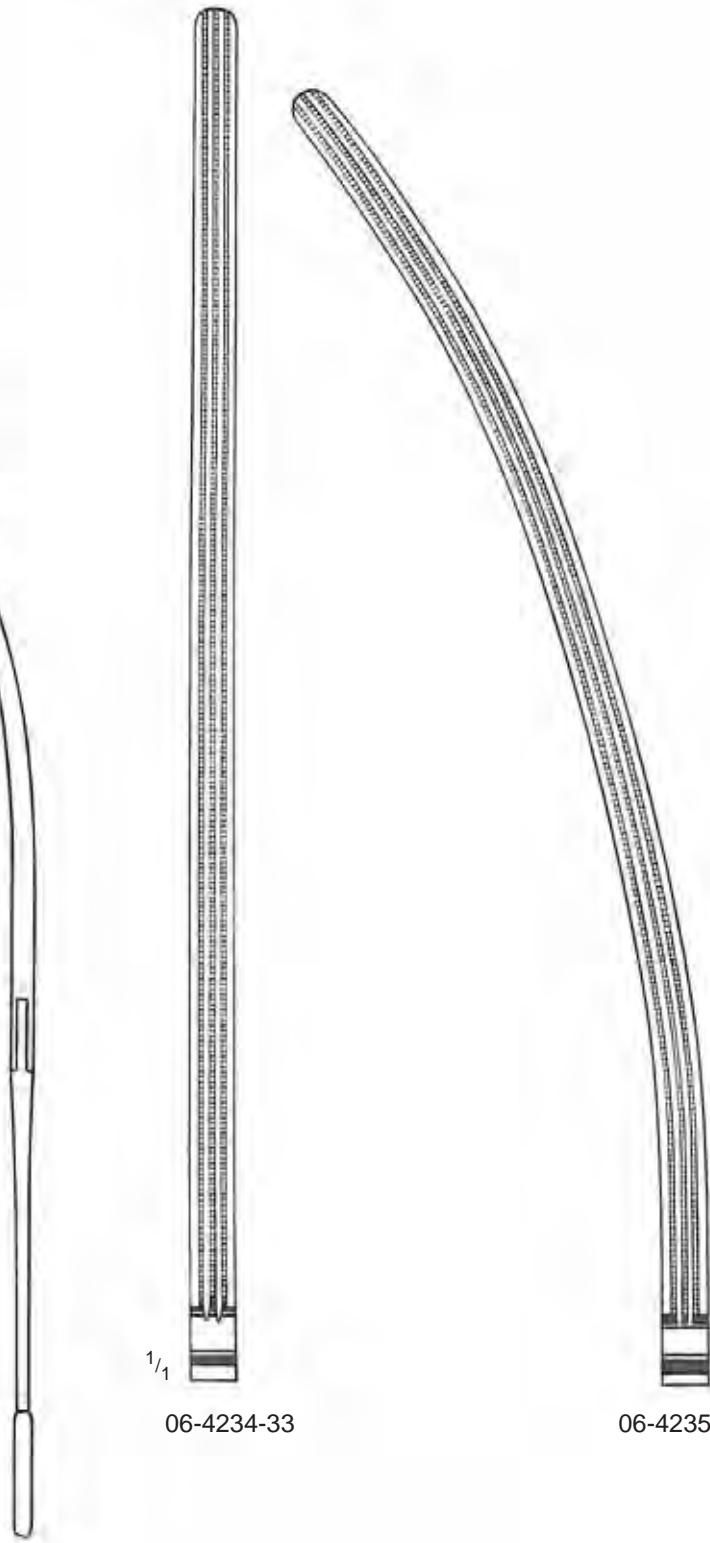
Atrauma Pinces-clamps pour l'intestin (Pinces à coprostase)



Univer® 06



Scudder Atrauma
33 cm/13"



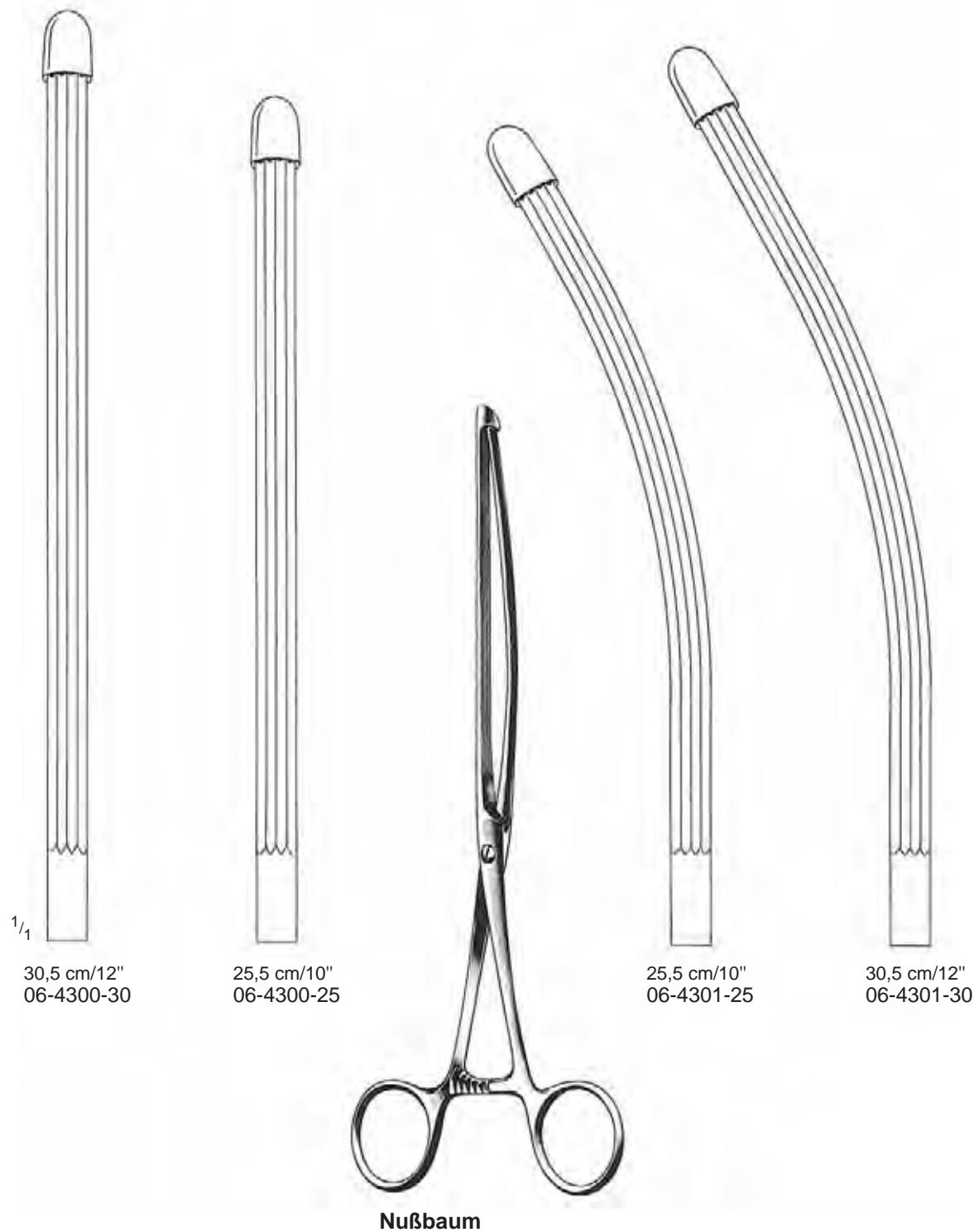
پنس رو ده و مده

Darm- und Magenklemmen

Intestinal and Stomach Clamps

Pinzas-clamps intestinales y estomacales

Pince-clamps pour l'intestin et l'estomac



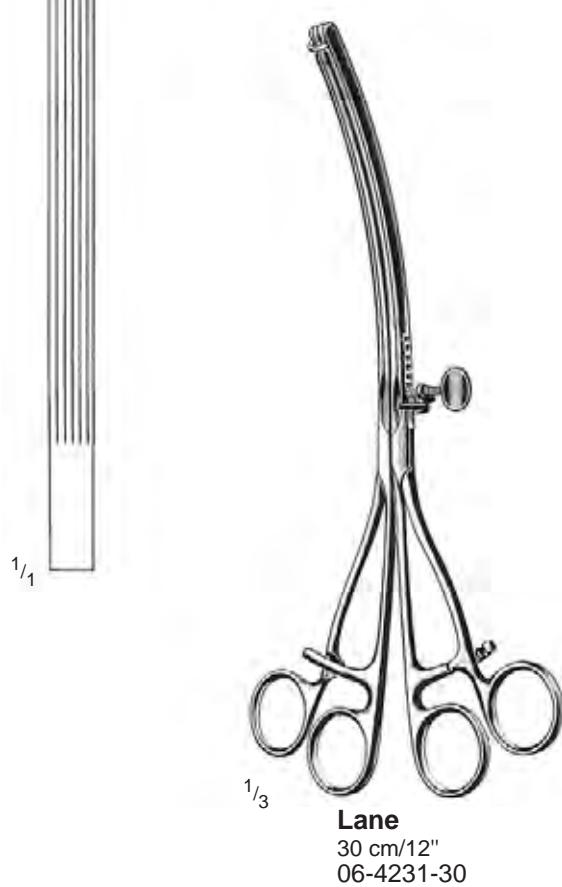
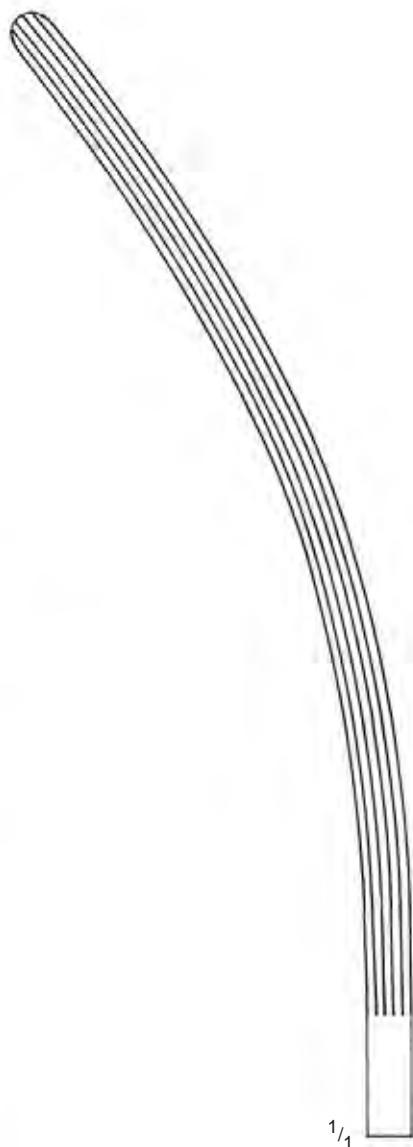
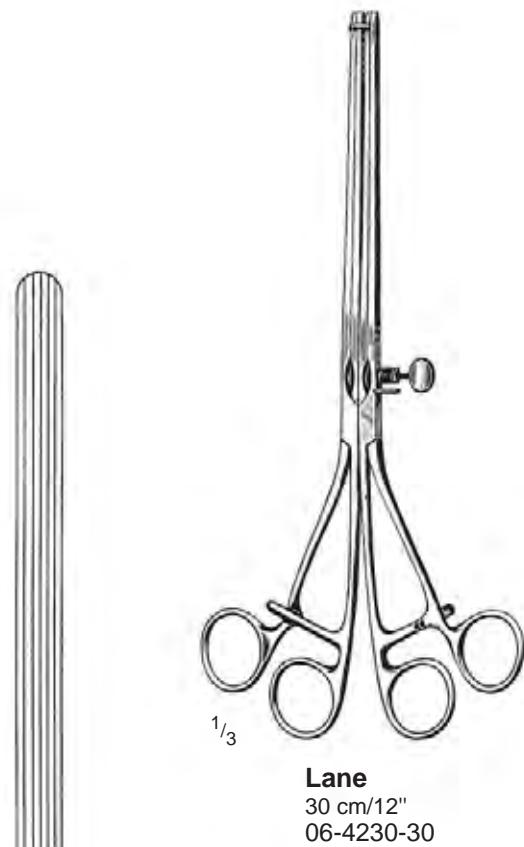
پنس معدہ

Magenklemmen

Stomach Clamp Forceps

Pinzas-clamps estomacales

Pince-clamps stomacales



Lane
30 cm/12"
06-4231-30



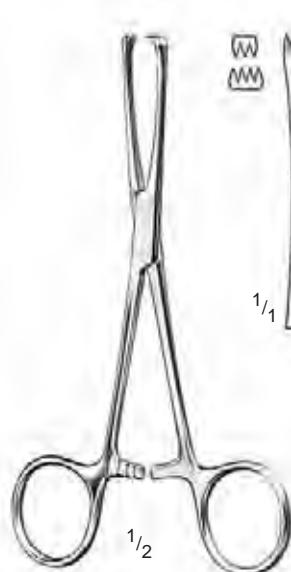
پنس آليس

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

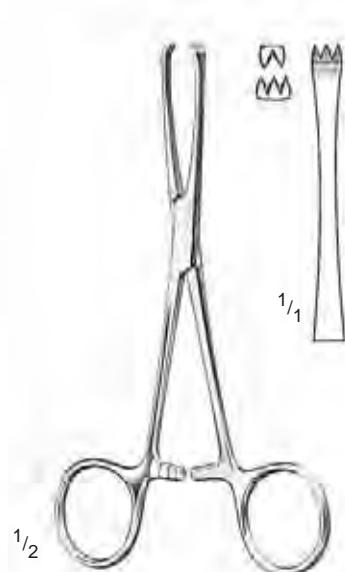
Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

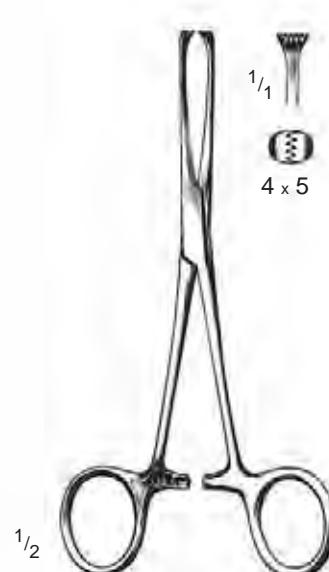
Pince pour saisir le tissu, l'intestin et les organes



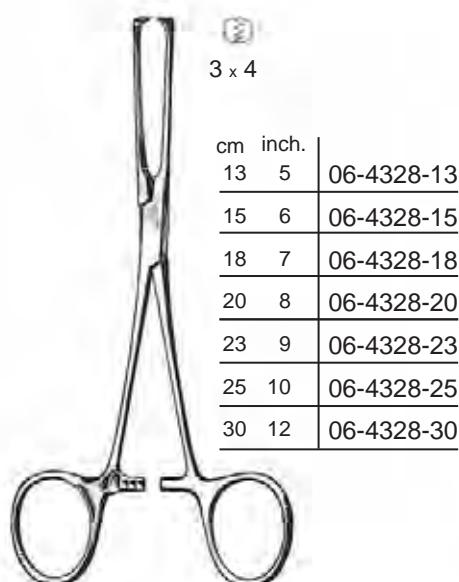
Tuffier
13 cm/5"
06-4310-13



Chaput
13 cm/5"
06-4312-13

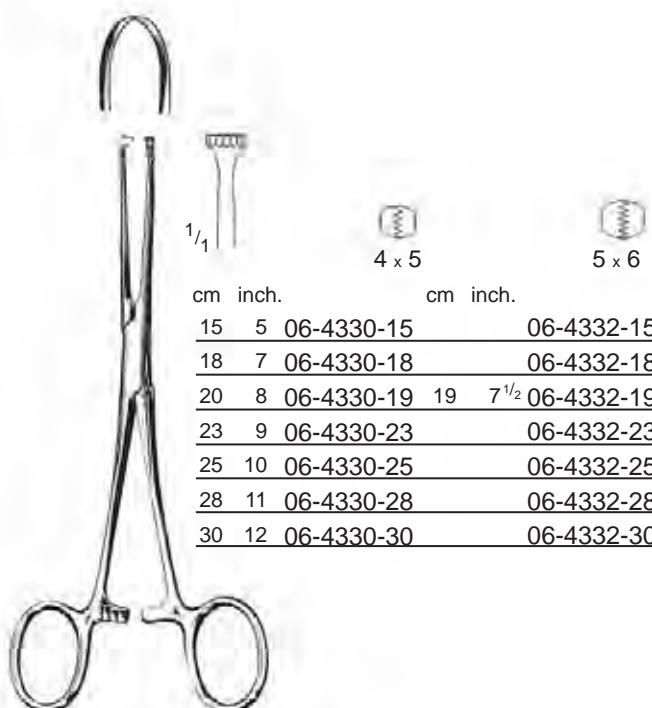


Allis-Baby
13 cm/5"
06-4322-13



3 x 4

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

4 x 5

cm	inch.	cm	inch.
15	5	06-4330-15	06-4332-15
18	7	06-4330-18	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

Allis

پنس آليس

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

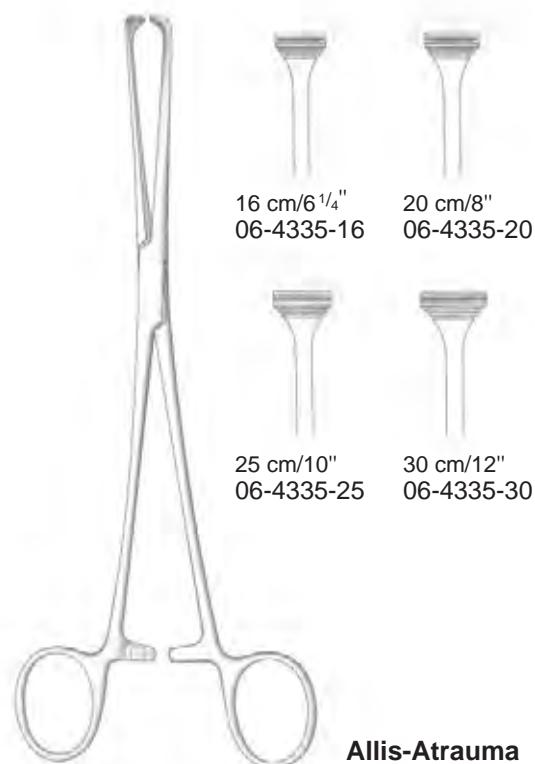
Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

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



06



پنس آلیس، ببکاک

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

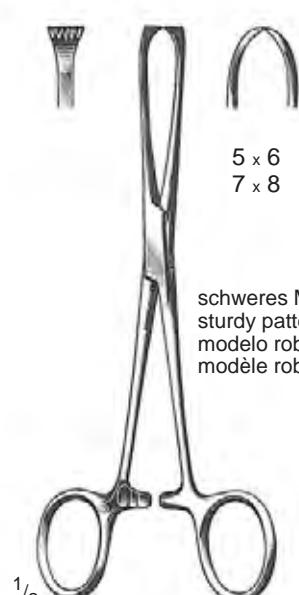
Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

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



Allis-Adair
15,5 cm/6"
06-4336-15



Boys-Allis
15 cm/6"
5 x 6 06-4340-15
7 x 8 06-4342-15



Judd-Allis
06-4344-15=15 cm/6"
06-4344-19=19 cm/7½"

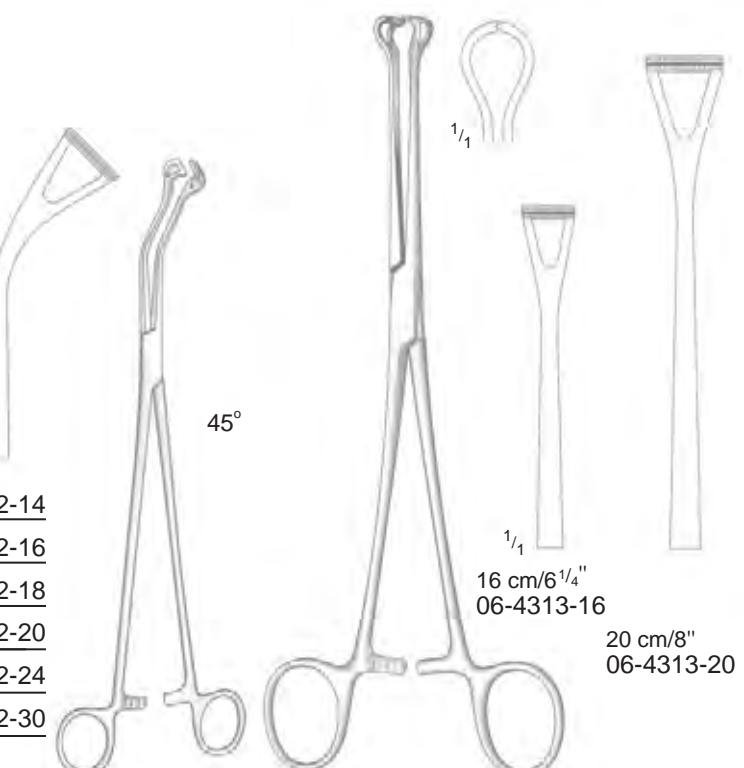


Thoms-Allis
20 cm/8"
06-4348-20



cm	inch.		
14	5½	06-4302-14	06-4312-14
16	6¼	06-4302-16	06-4312-16
18	7	06-4302-18	06-4312-18
20	8	06-4302-20	06-4312-20
24	9½	06-4302-24	06-4312-24
30	12	06-4302-30	06-4312-30

Babcock



Babcock

Babcock-Atrauma

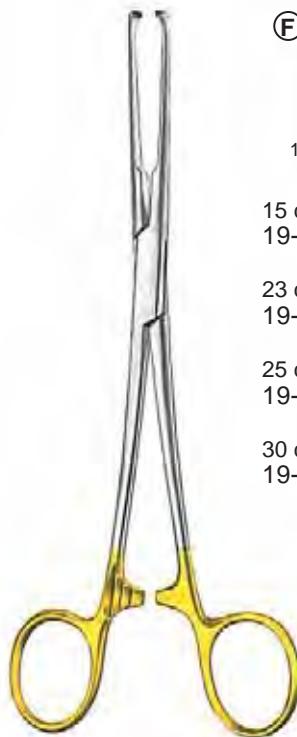
پنس آليس و ببکاک T/C دسته طایی (با تیغه تنگستن کارباید)

Atrauma Gewebefäßzangen mit Hartmetalleinlagen Univer Gold T/C

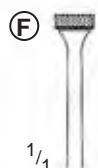
Atrauma Grasping Forceps with Tungsten Carbide Inserts Univer Gold T/C

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



Allis



15 cm/6"
19-150DE-15

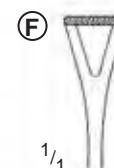
23 cm/9"
19-150DE-23

25 cm/10"
19-150DE-25

30 cm/12"
19-150DE-30



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



16 cm/6 1/4"
19-190DE-16
18 cm/7"
19-190DE-18

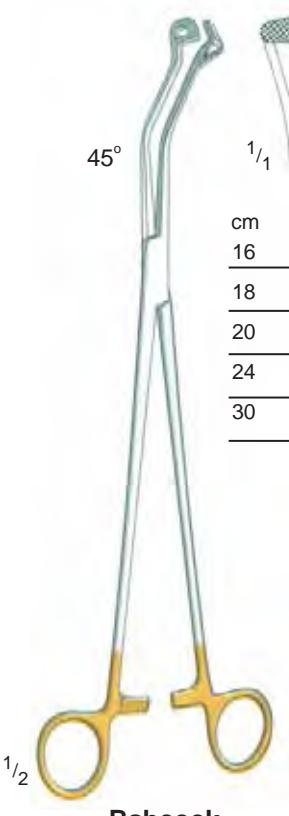


20 cm/8"
19-190DE-20



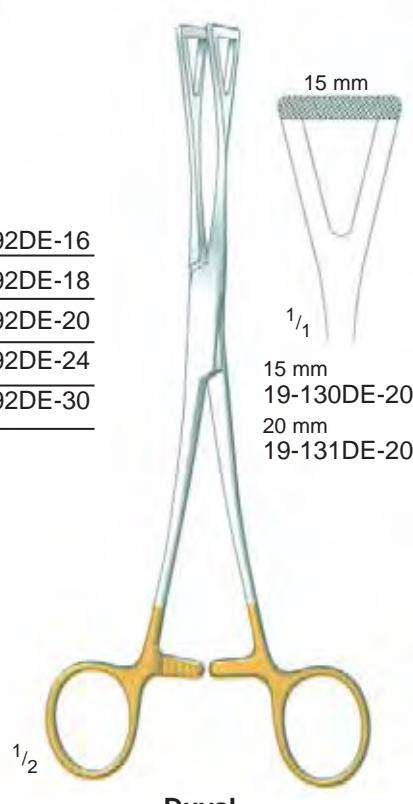
Babcock

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



45°

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"



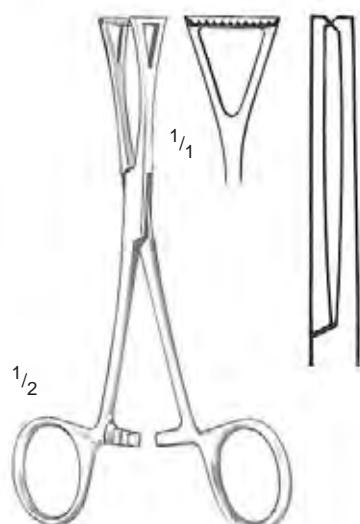
پنس مثلثی دوال

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

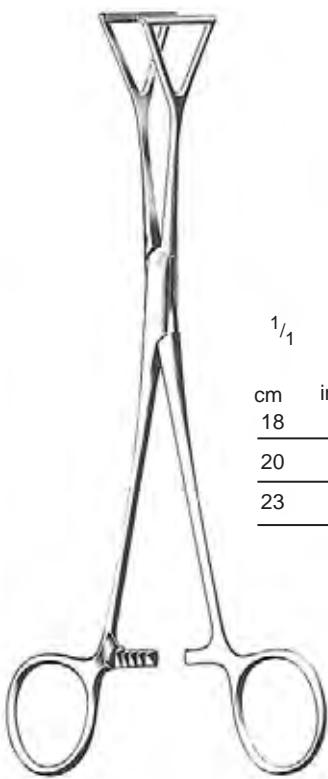
Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

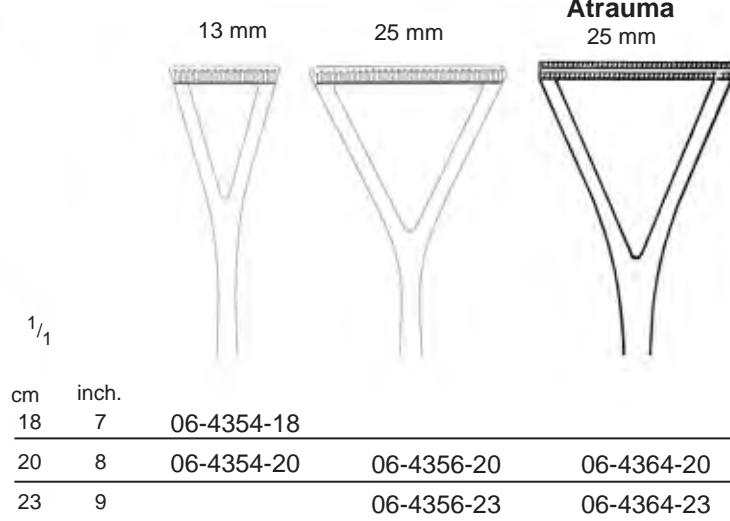
Pince pour saisir le tissu, l'intestin et les organes



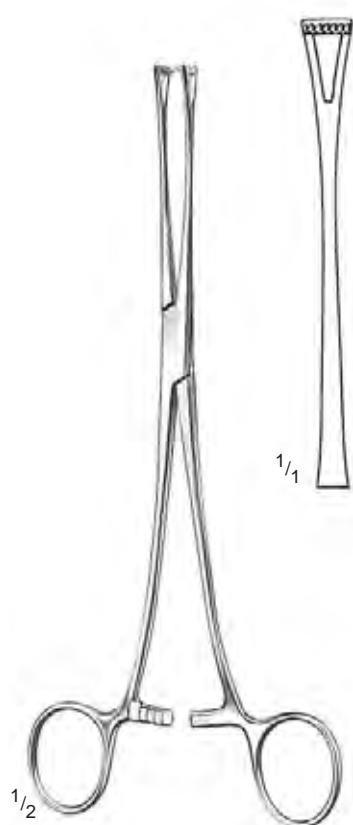
Collin
14 cm/5 1/2"
06-4350-14



Duval



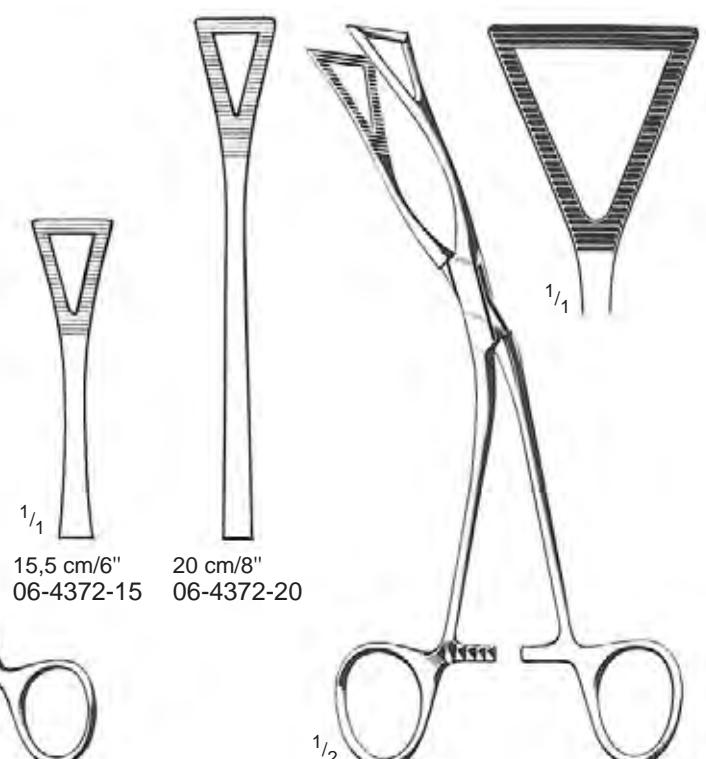
Duval-Collin Atrauma



Lockwood
20 cm/8"
06-4144-18



Pennington



Seitlich gebogen
laterally curved
lateralmente curva
courbe latéralement

Lovelace
20 cm/8" 06-4377-20
20,5 cm/8" 06-4378-20

gerade
straight
rectas
droits

أنواع پنس

Gewebefaßzangen, Darmfaßzangen, Organfaßzangen

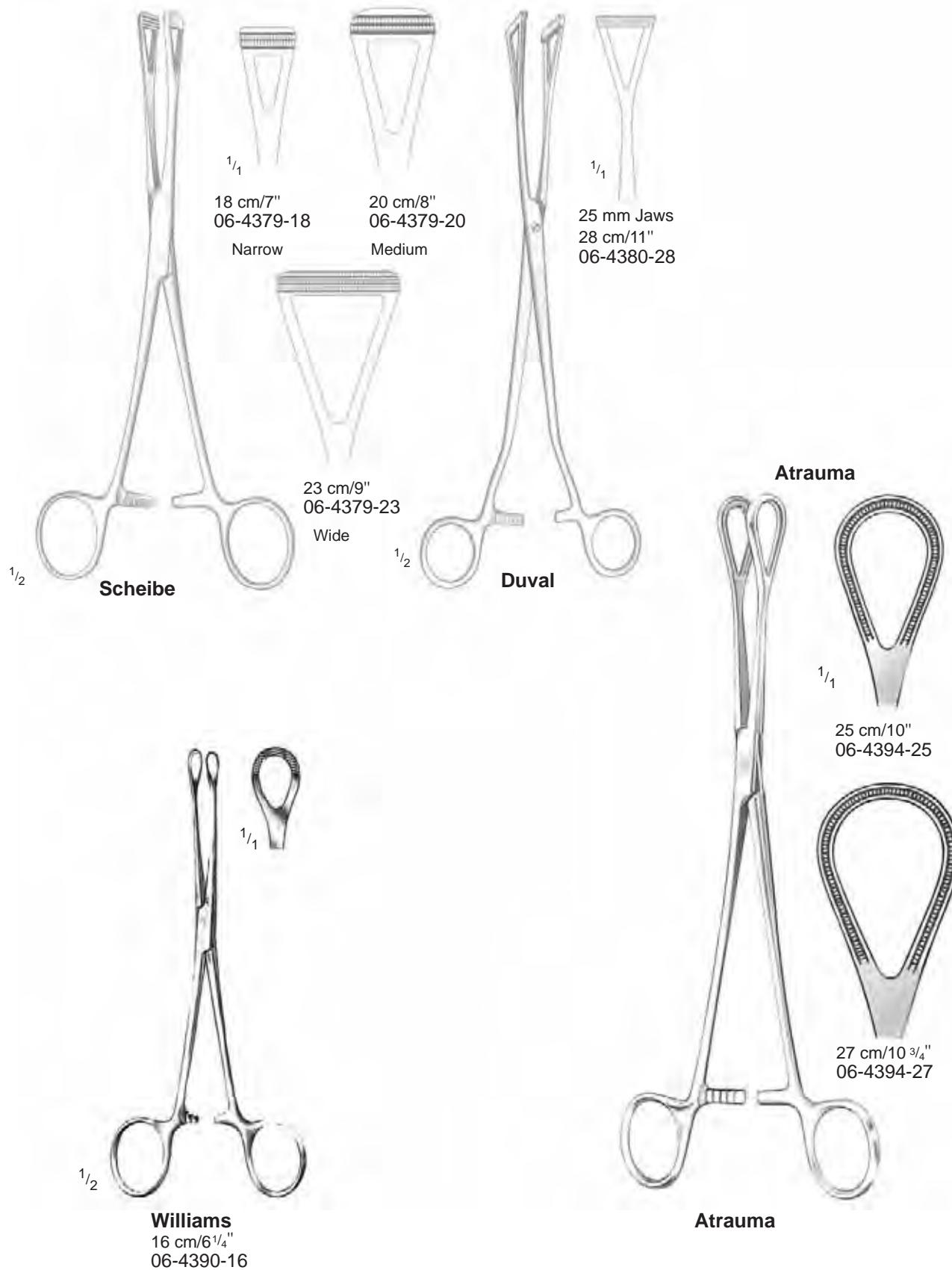
Tissue Seizing Forceps, Intestinal Tissue Forceps, Organ Holding Forceps

Pinzas para coger el tejidos e intestinos, pinzas para órganos

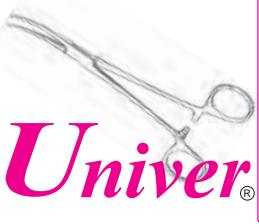
Pince pour saisir le tissu, l'intestin et les organes



06



06



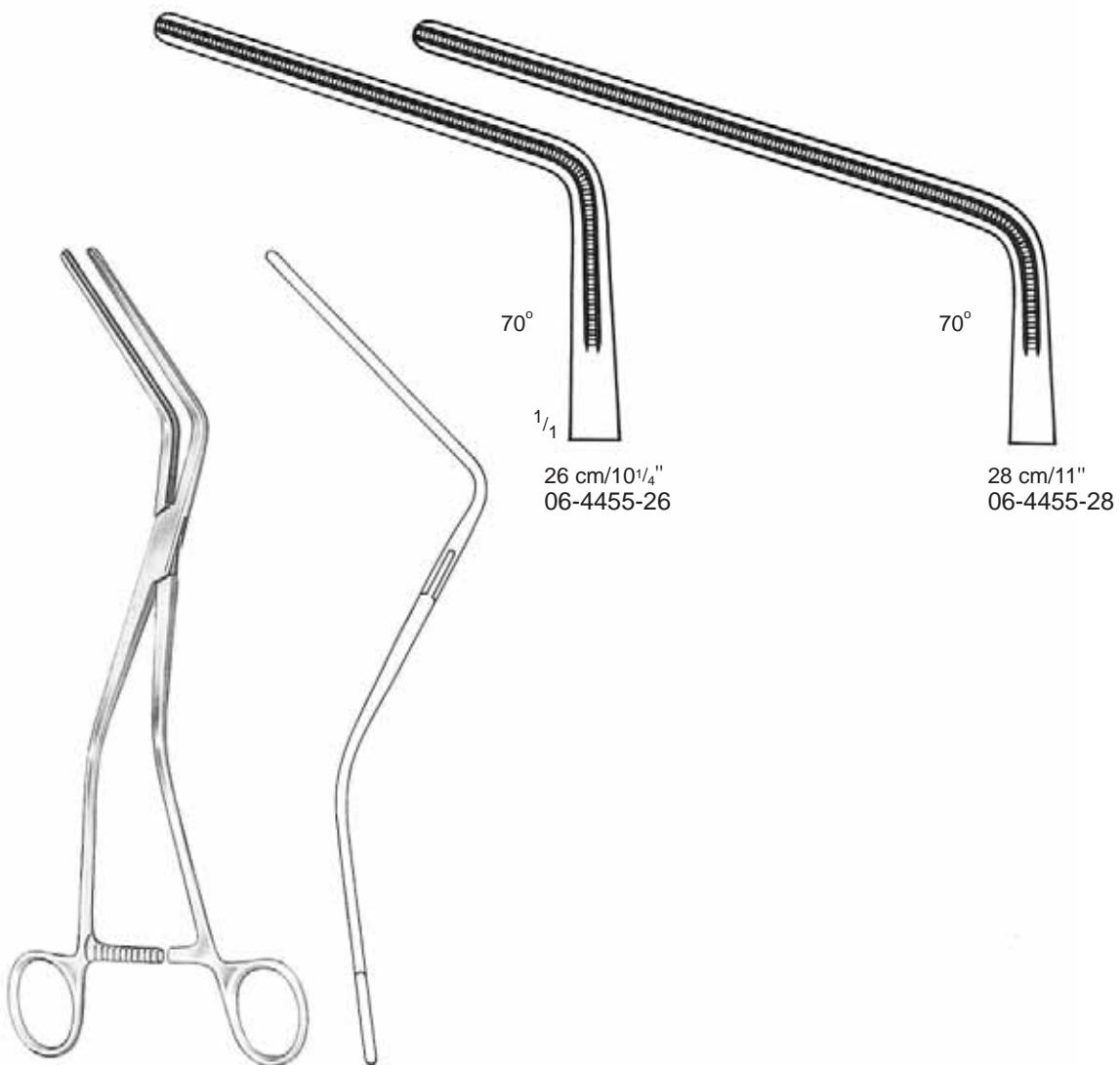
پنس عروق شکمی

Atrauma Rektum-Anastomosenklemmen

Atrauma Sigmoid Anastomosis Forceps

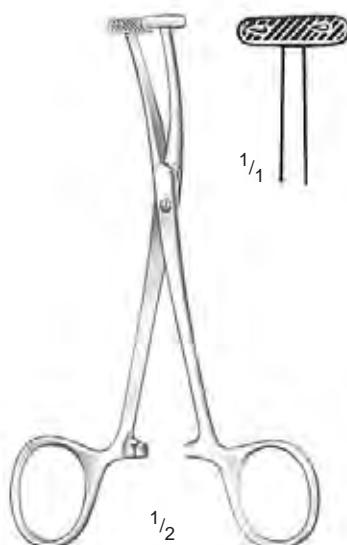
Atrauma Pinzas para anastomosis del recto

Atrauma Pinces pour anastomoses du sigmoïde



Hayes Atrauma
(Low-anterior rectum resection)

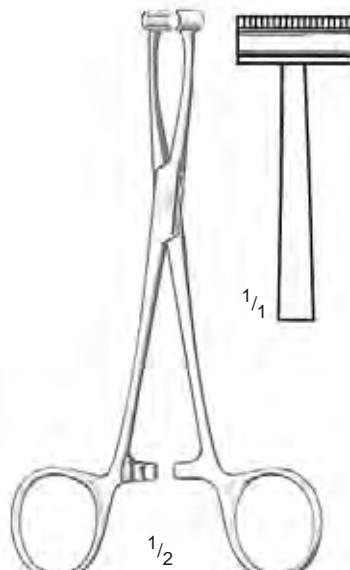
Kopfschwartzangen
 Scalp Flap Forceps
 Pinzas para pericraneo
 Pinces pour le cuir



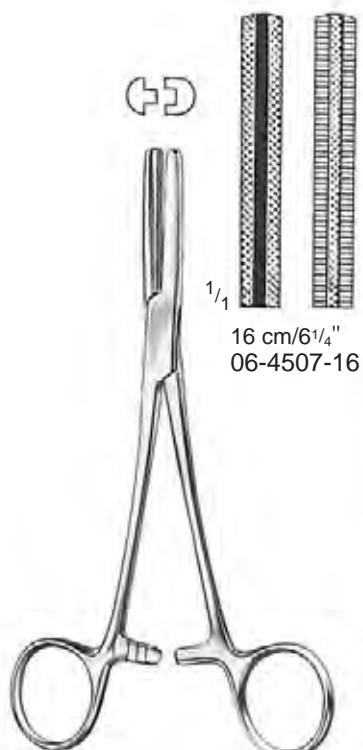
DeMartel
 14 cm/5½"
 06-4501-14



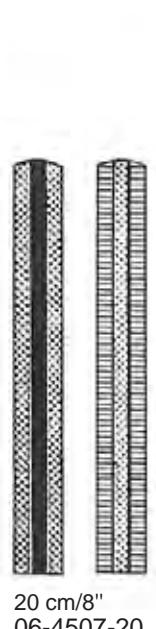
DeMartel (Willett)
 18 cm/7"
 06-4501-18



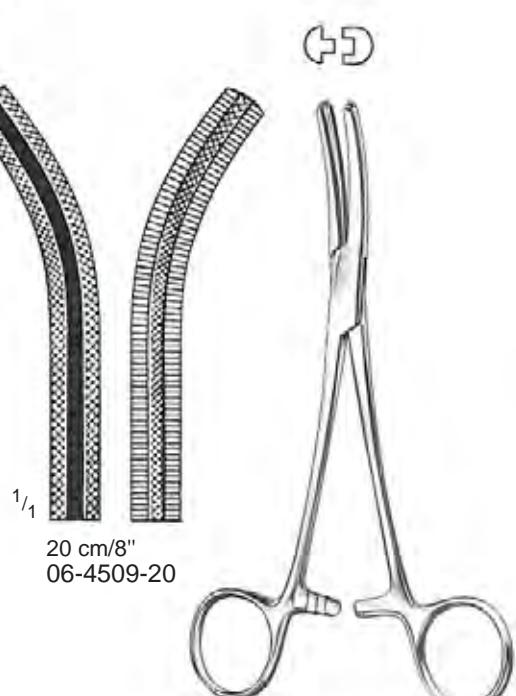
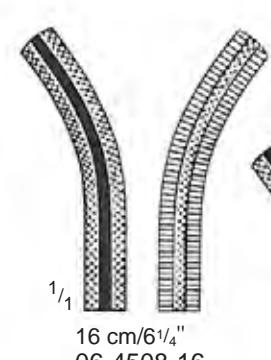
Pratt
 15 cm/6"
 06-4504-15



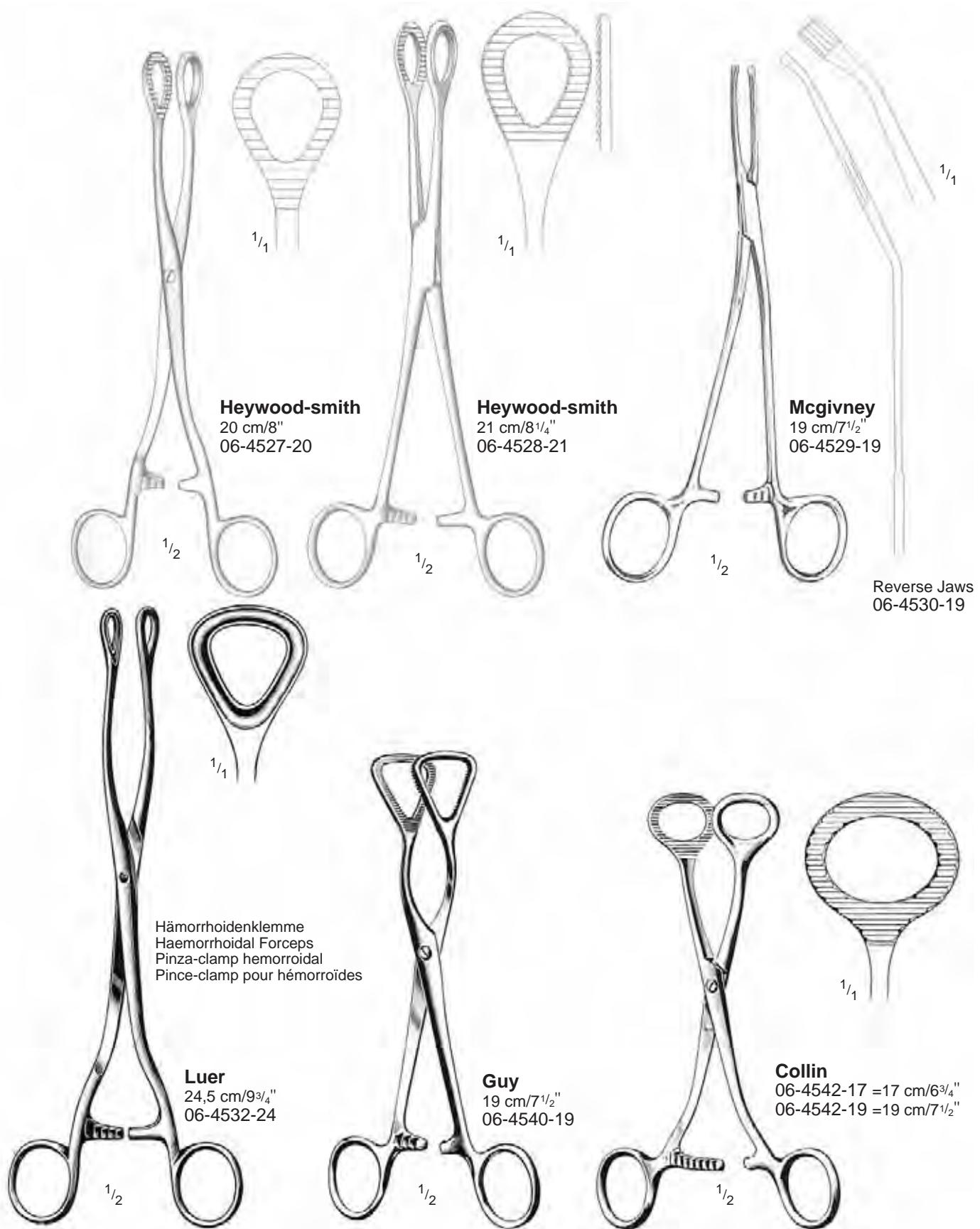
Fergusson



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



Fergusson



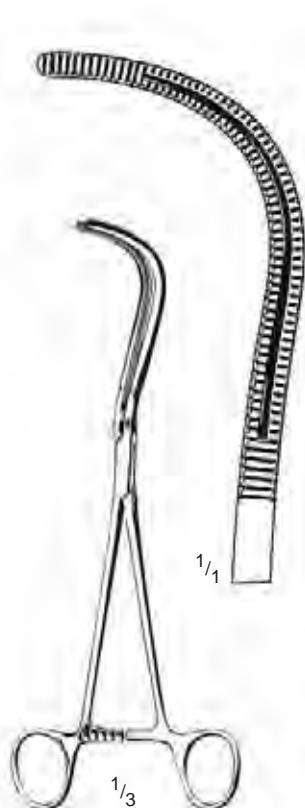
پنس پدیکول کلیه

Nierenstielklemmen

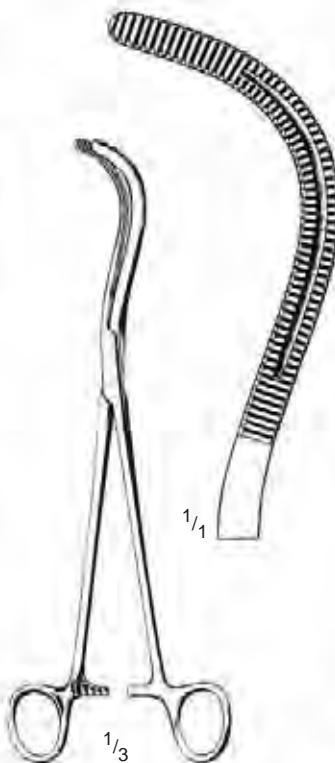
Kidney Pedicle Clamp Forceps

Pinzas-clamps para pedúnculos renales

Pince-clamps pour pédicules rénaux



Stille
22 cm/8 $\frac{3}{4}$ "
06-4601-22



Stille
24 cm/9 $\frac{1}{2}$ "
06-4601-24



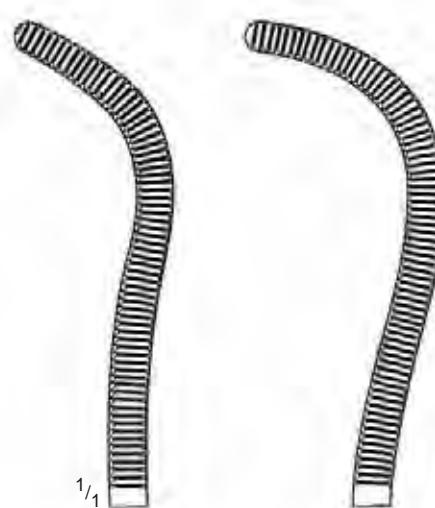
Wertheim
25 cm/10"
06-4613-25



Herrick
23 cm/9"
06-4621-23



20 cm/8"
06-4623-20



22 cm/8 $\frac{3}{4}$ "
06-4623-22



24 cm/9 $\frac{1}{2}$ "
06-4623-24

Péan

06



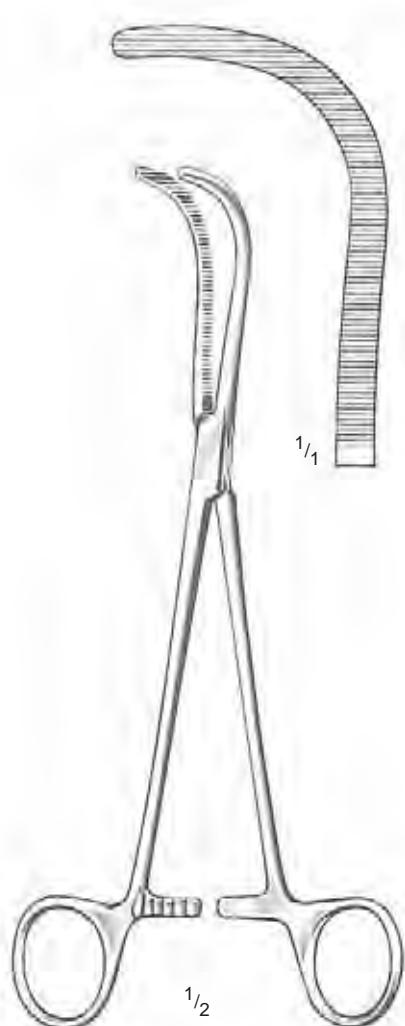
پنس پدیکول کلیه

Nierenstielklemmen

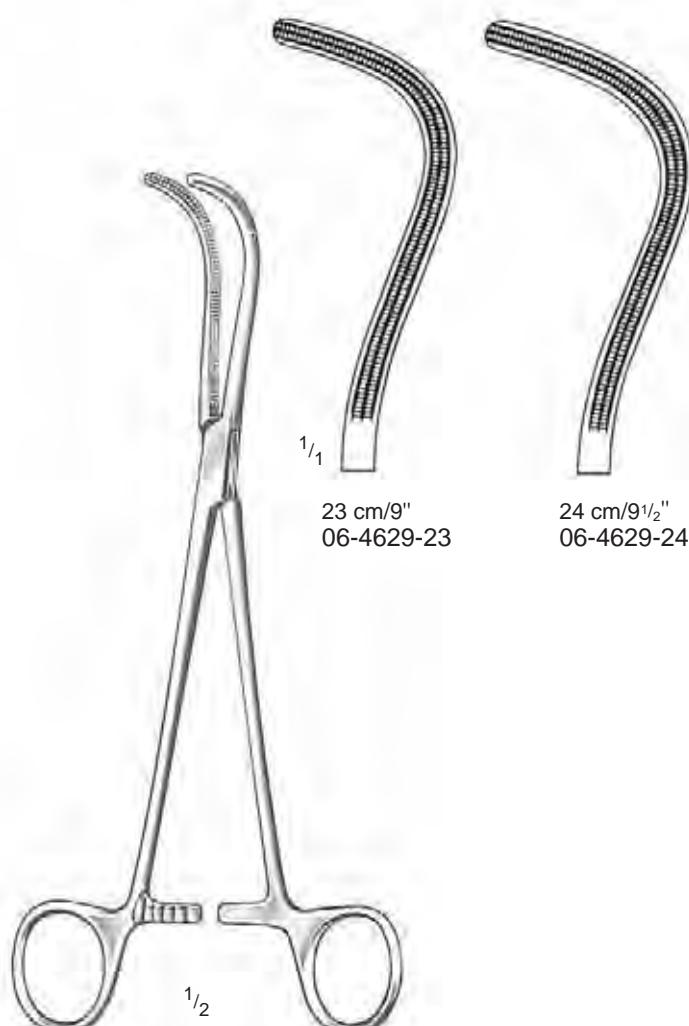
Kidney Pedicle Clamp Forceps

Pinzas-clamps para pedúnculos renales

Pince-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 Pinces pour artère rénale



06



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 aderías clavicular y carótida

Pinces pour artère rénale, sous-clavière et carotide



بزار پروستات

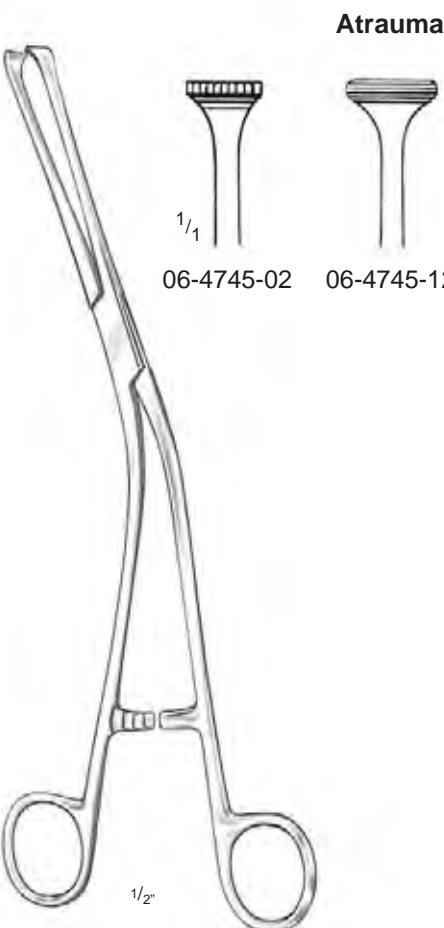
Instrumente für Prostata-Operationen
Prostatectomy Instruments
Instrumentos para prostatectomía
Instruments pour prostatectomie

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



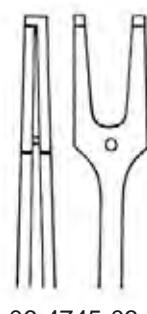
Millin
23 cm/9"

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

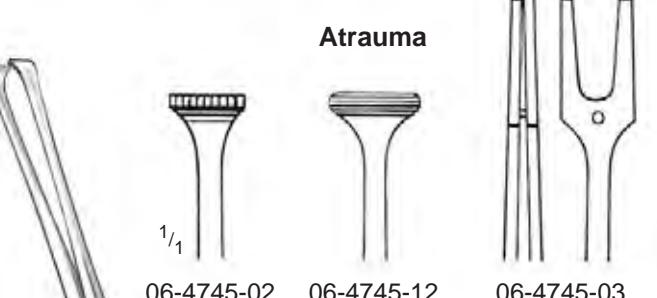


Millin
23,5 cm/9 1/4"

Fadenführungszange
Ligatur Carrying Forceps
Pinza porta-ligaduras
Pince porte-fil



06-4745-03



Atrauma

انواع پنس کیسه صفراء

Gallenkanal- und Cystikusklemmen

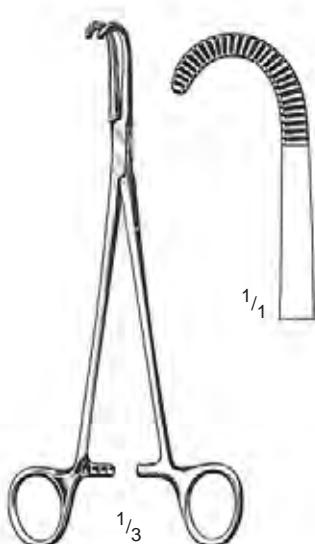
Gall Duct- and Cystic Forceps

Pinzas-clamps para conductos biliares y pinzas císticas

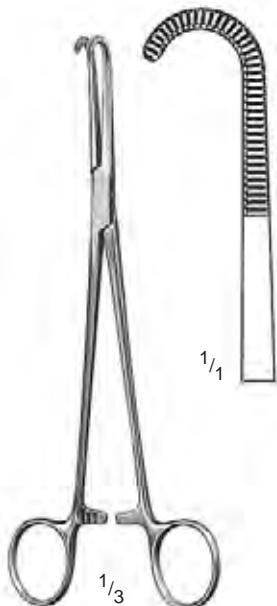
Pince-clamps pour voies biliaires et cystiques



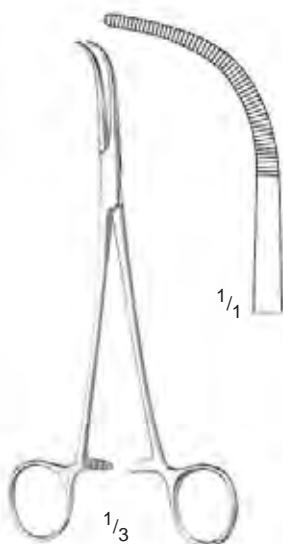
Lower
18 cm/7"



Desjardins
21 cm/8 1/4"
06-4837-21



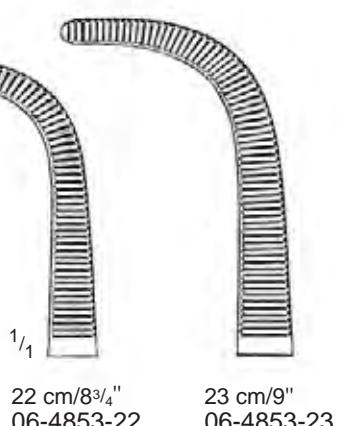
Nissen
22,5 cm/9"
06-4839-22



Green
20 cm/8"
06-4843-20



Gray



Moynihan

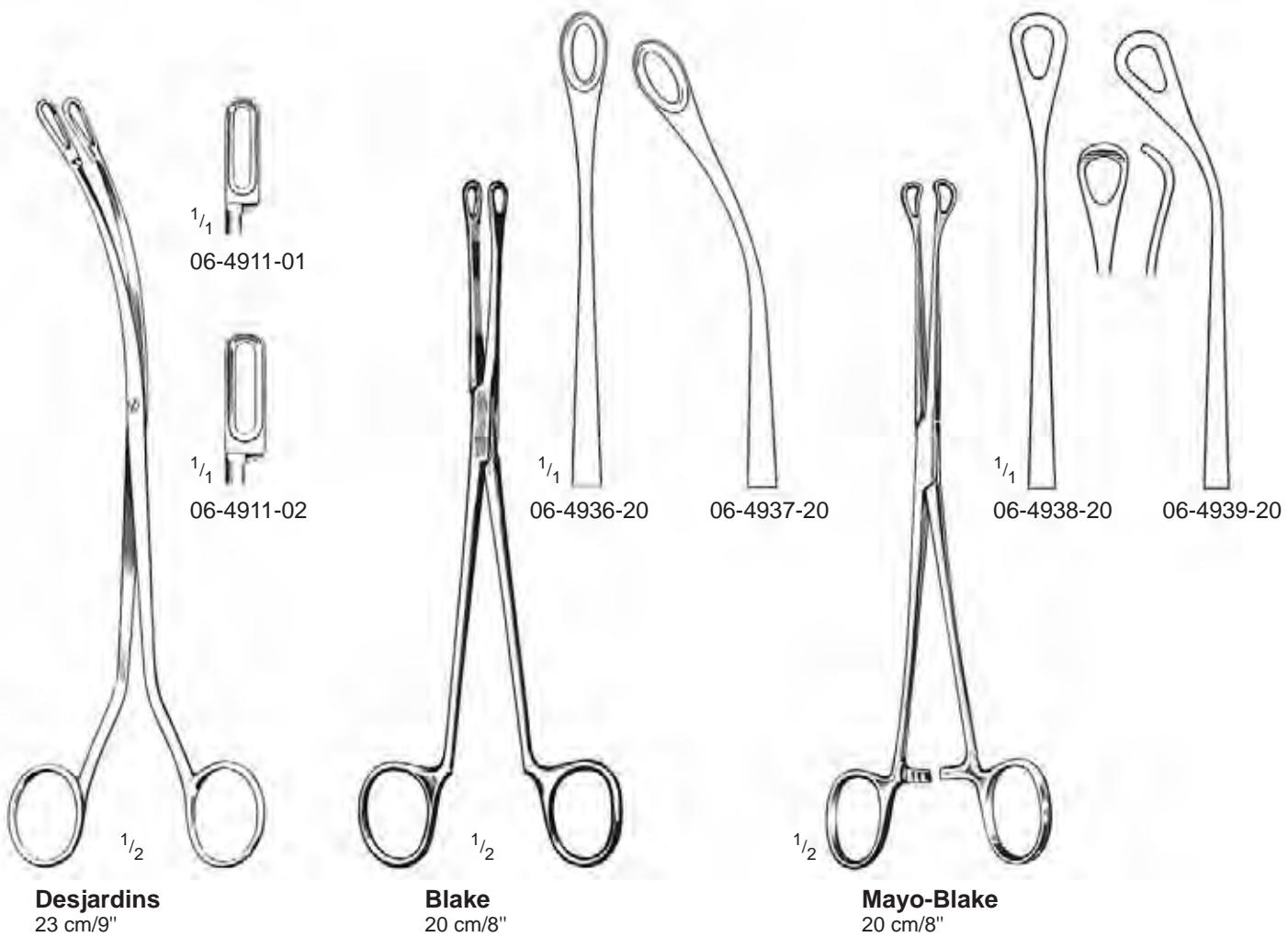


24 cm/9 1/2"
06-4865-24

06



پنس سنگ کیسه صفرا
Gallensteinzangen
Gall Stone Forceps
Pinzas para cálculos biliares
Pince pour calculs biliaires



Desjardins
23 cm/9"

Blake
20 cm/8"

Mayo-Blake
20 cm/8"

پنس سنگ کیسه صفراء

Gallensteinzangen

Gall Stone Forceps

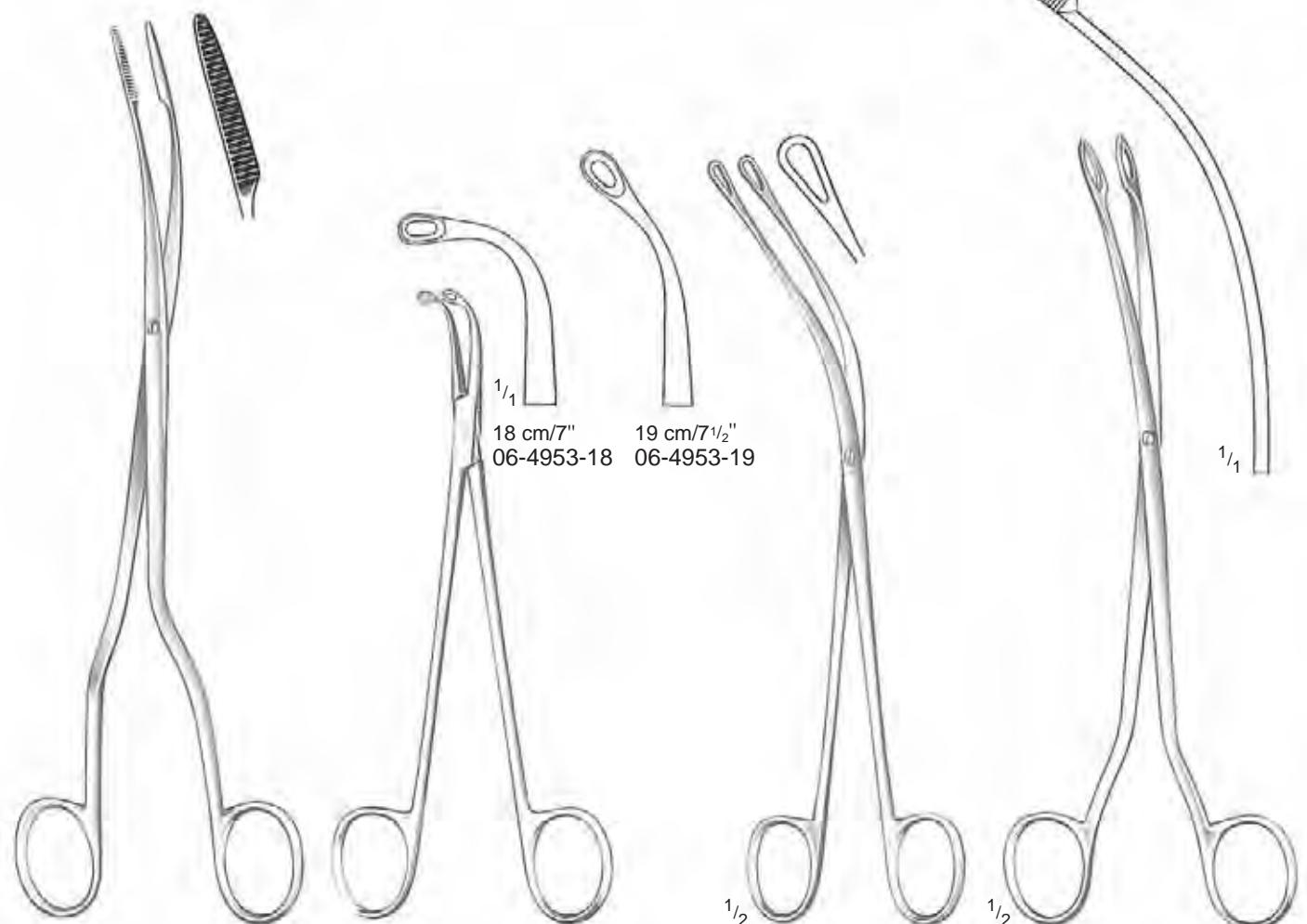
Pinzas para cálculos biliares

Pince pour calculs biliaires



Univer®

06



Czerny

24,5 cm/9 $\frac{3}{4}$ "
06-4951-24

Turner-Warwick

1/1
18 cm/7"
06-4953-18

1/1
19 cm/7 $\frac{1}{2}$ "
06-4953-19

Mixter

22 cm/8 $\frac{3}{4}$ "
06-4963-22

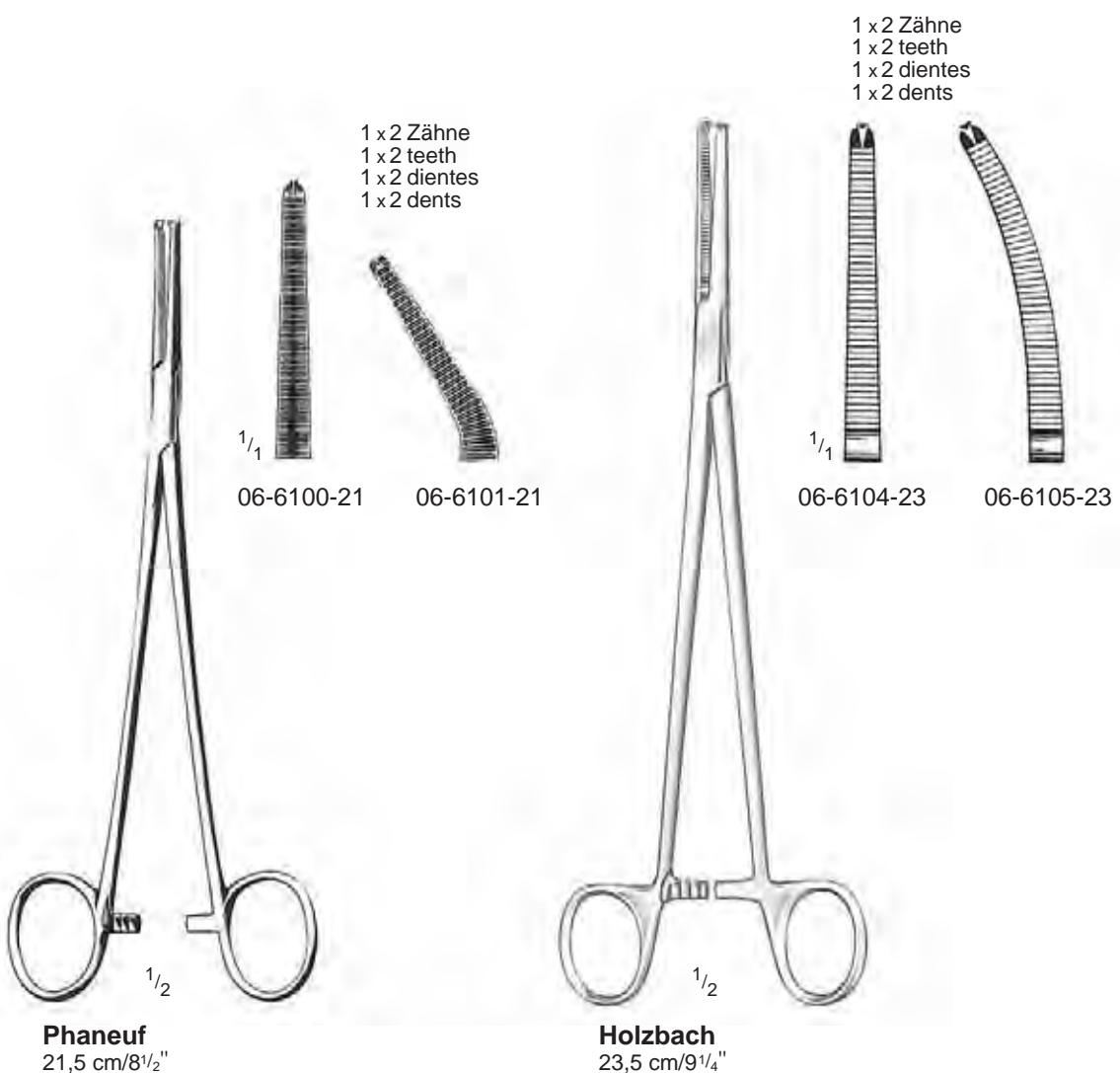
Best

22 cm/8 $\frac{3}{4}$ "
06-4965-22



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
 Pinces hémostatiques, Pinces-clamps, Pinces à hystérectomie et vaginales



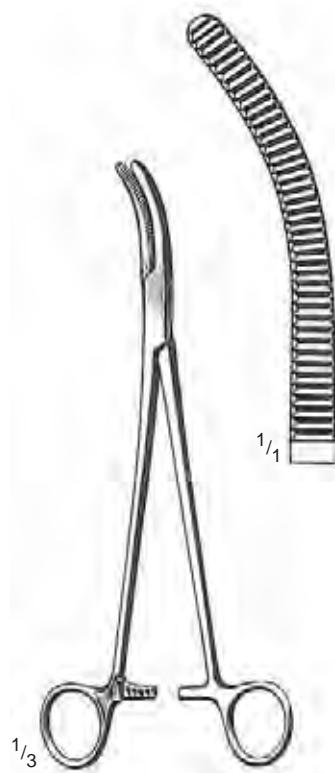
أنواع پنس و ازینات

Arterienklemmen, Klemmzangen, Hysterektomieklemmen, Vaginalklemmen

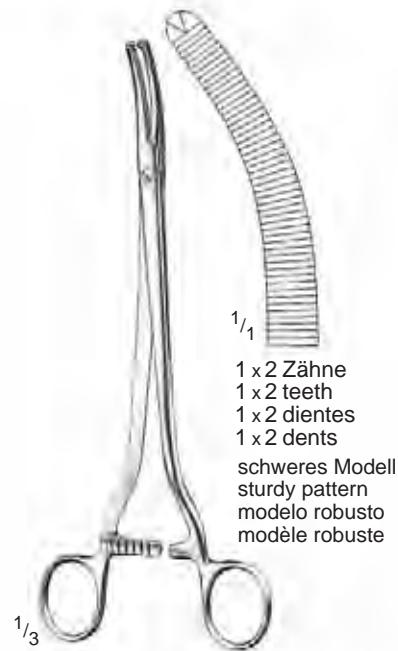
Hemostatic Forceps, Clamp-Forceps, Hysterectomy and Vaginal Forceps

Pinzas hemostáticas, Pinzas-clamps para histerectomía y vaginales

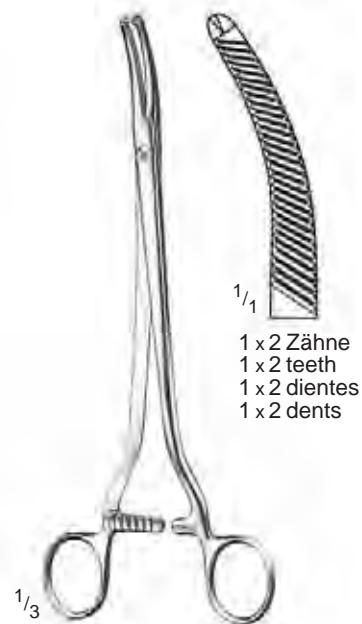
Pince hémostatiques, Pinces-clamps, Pinces à hystérectomie et vaginales



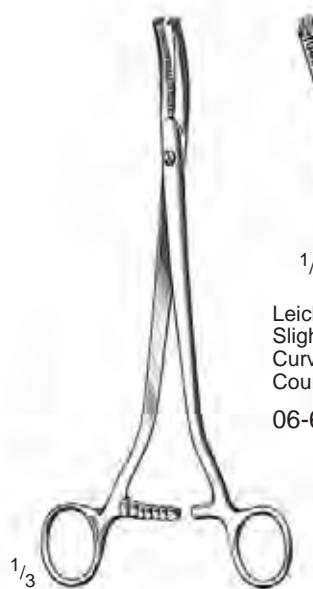
Wertheim
25 cm/10"
06-4613-25



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



Wertheim
23 cm/9"
06-6129-23



Wertheim
23 cm/9"



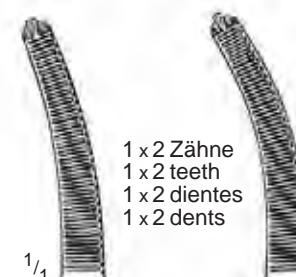
Leicht gebogen
Slightly curved
Curva ligeramente
Courbure légère

06-6131-22



Stärker gebogen
More curved
Más curva
Courbure forte

06-6131-23



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

Leicht gebogen
Slightly curved
Curva ligeramente
Courbure légère

06-6135-22



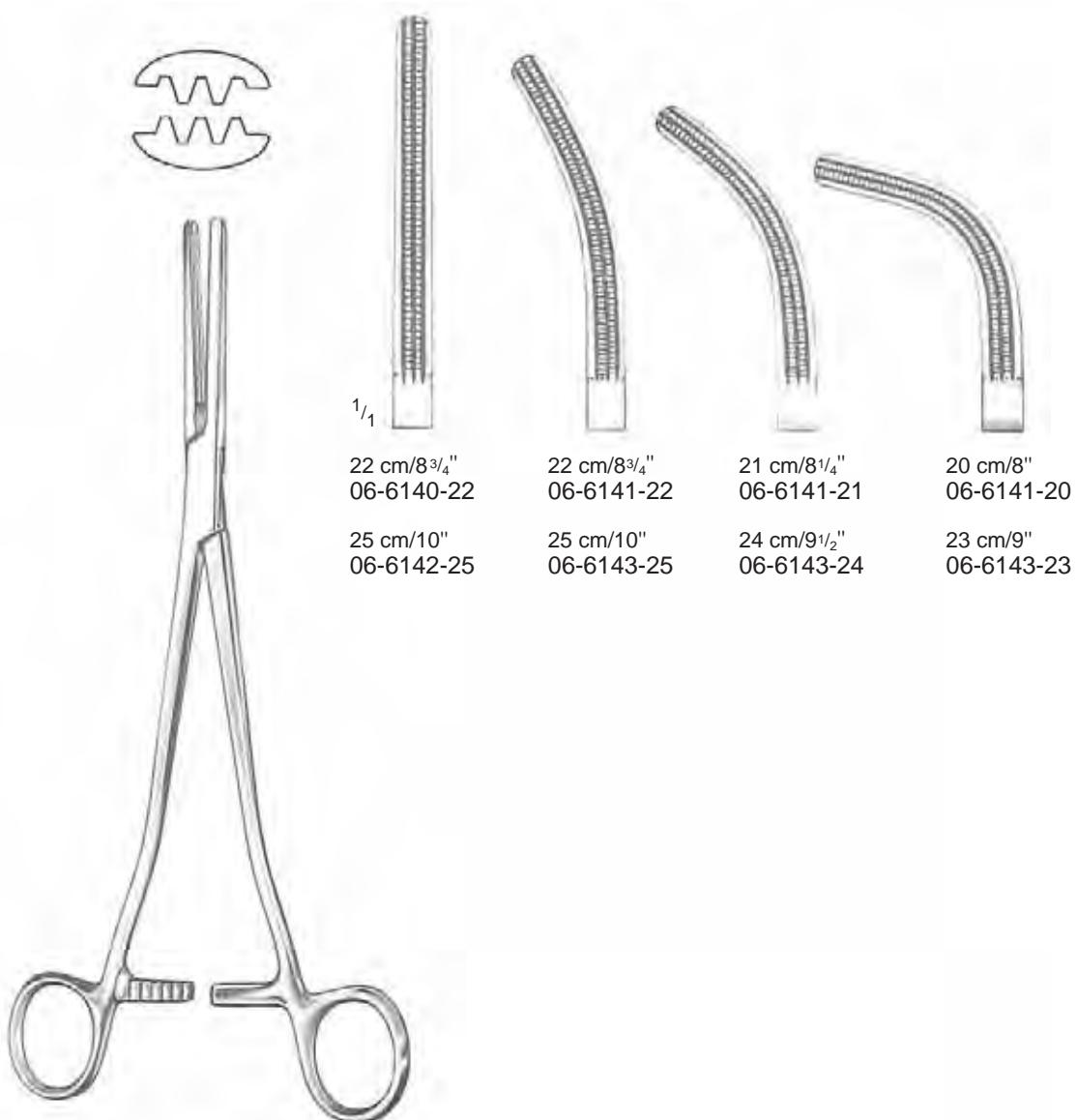
Stärker gebogen
More curved
Más curva
Courbure forte

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 Pinces hémostatiques, Pinces-clamps, Pinces à hystérectomie et vaginales



Parametrium Atrauma

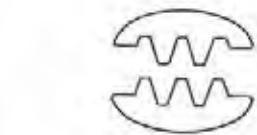
أنواع پنس هیسترکتومی و واژینال

Atrauma Arterienklemmen, Klemmzangen, Hysterektomieklemmen, Vaginalklemmen

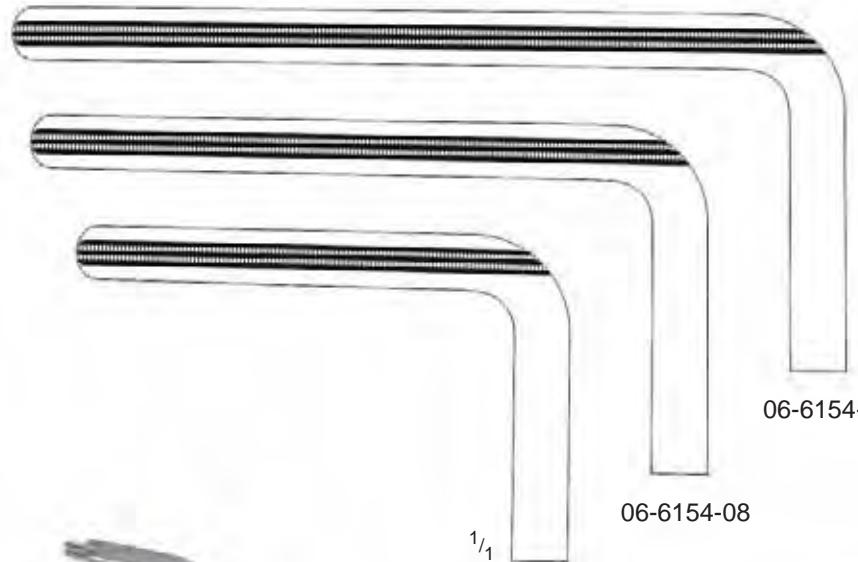
Atrauma Hemostatic Forceps, Clamp-Forceps, Hysterectomy and Vaginal Forceps

Atrauma Pinzas hemostáticas, Pinzas-clamps para histerectomía y vaginales

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



Wertheim Atrauma
24 cm/9½"



06-6154-08

06-6154-06



06-6158-80
80 mm

06-6158-60
60 mm

23 cm/9"

06

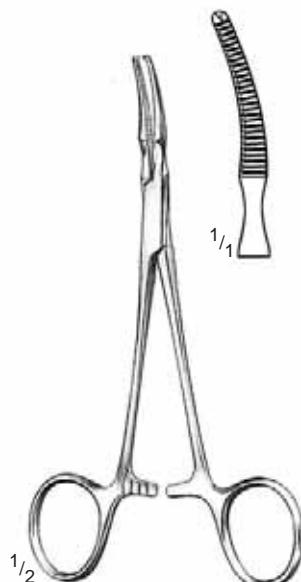


پنس صفاقى

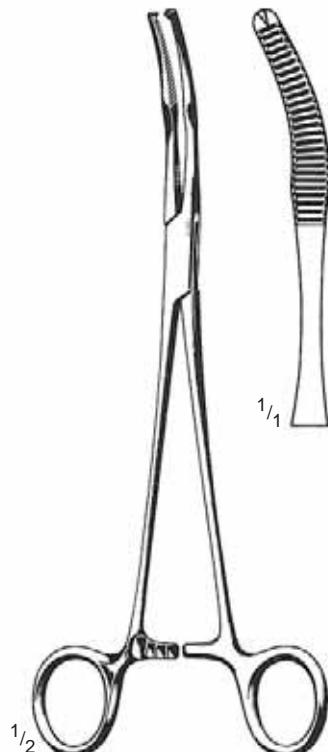
Peritoneumklemmen**Peritoneal Clamp Forceps****Pinzas-clamps para peritoneo****Pince-clamps pour le péritoine**

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

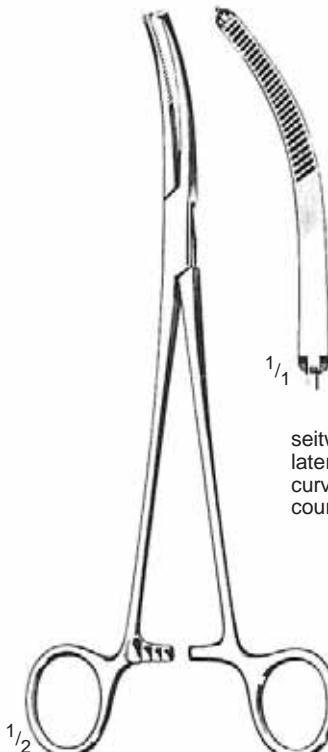
gebogen
curved
curvas
courbes



Baby-Mikulicz
14 cm/5 1/2"
06-6201-14



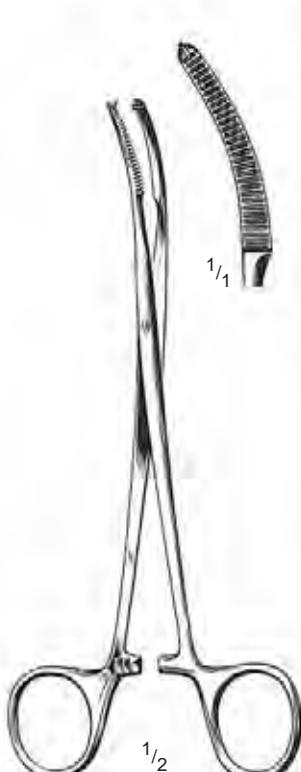
Miculicz
20 cm/8"
06-6201-20



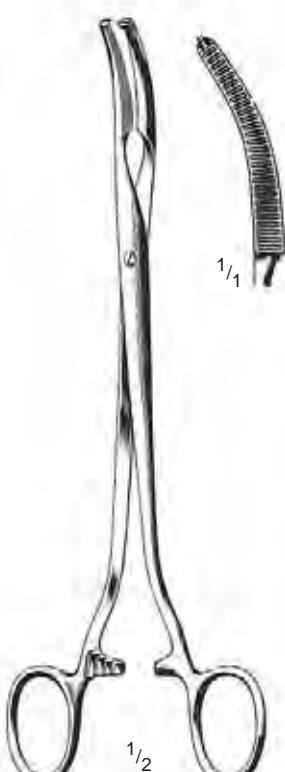
Miculicz
20 cm/8"
06-6207-20



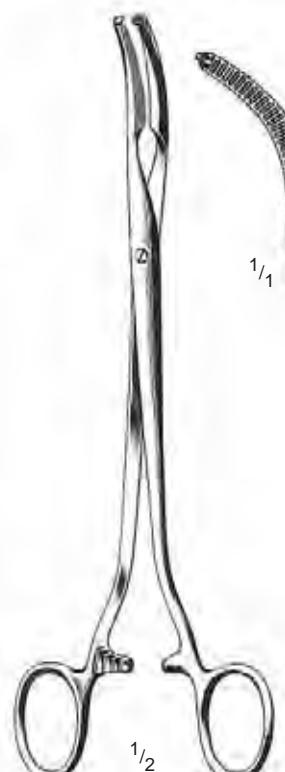
Miculicz
18,5 cm/7 1/4"
06-6209-18



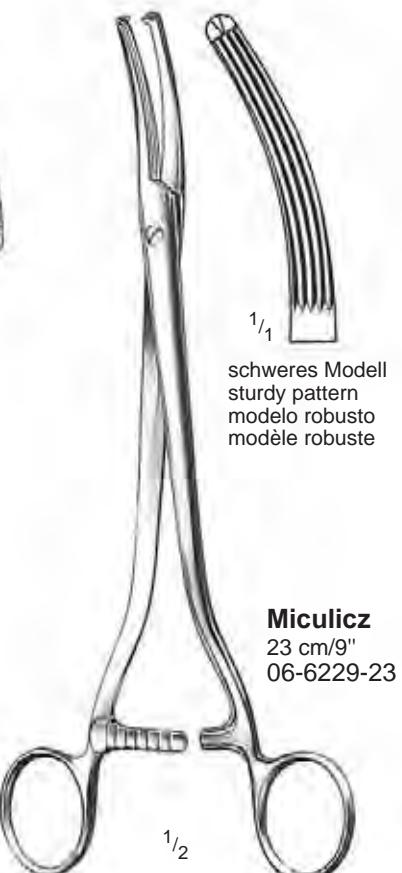
Miculicz
18 cm/7"
06-6221-18



Miculicz
20 cm/8"
06-6223-20



Miculicz
20 cm/8"
06-6225-20



Miculicz
23 cm/9"
06-6229-23

seitwärts gebogen
laterally curved
curva al lado
courbe sur le côté

schweres Modell
sturdy pattern
modelo robusto
modèle robuste

پنس صفاقی

Peritoneumklemmen

Peritoneal Clamp Forceps

Pinzas-clamps para peritoneo

Pince-clamps pour le péritoine

پنس هیسترکتومی

Hysterektomieklemmen

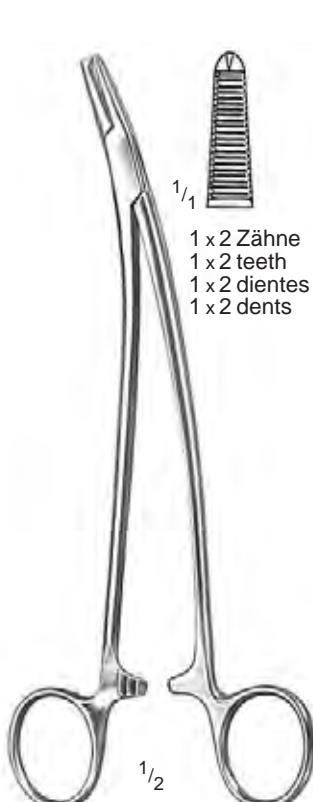
Hysterectomy Forceps

Pinzas-clamps para histerectomía

Pince à hystérectomie



06



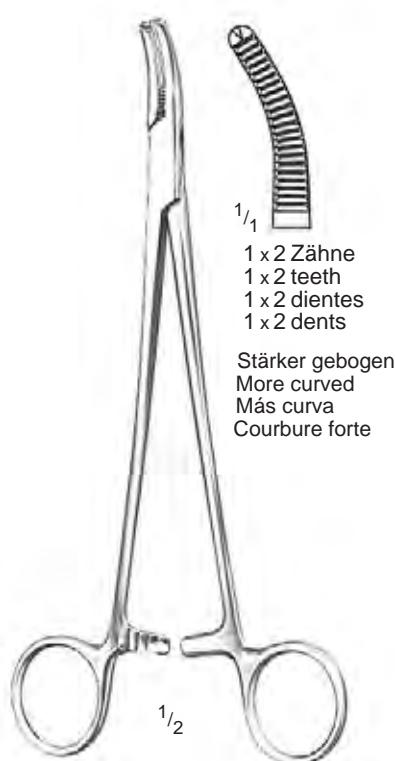
Schindler
19 cm/7 1/2"
06-6241-19

Peritoneumklemmen
Peritoneal Clamp Forceps

Pinzas-clamps para peritoneo
Pince-clamps pour le péritoine

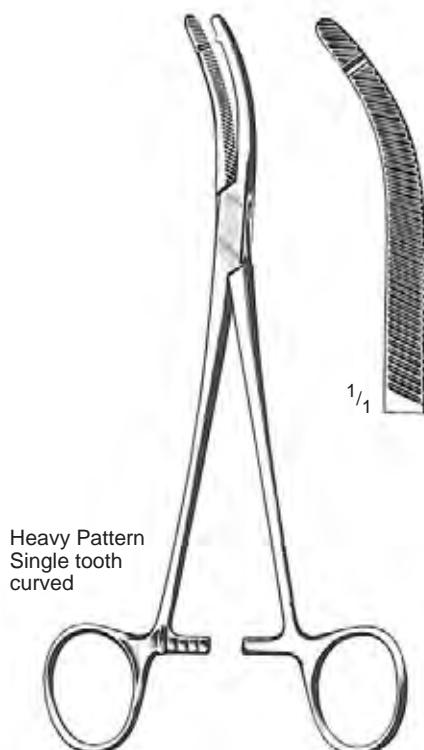


Faure
20 cm/8"
06-6243-20



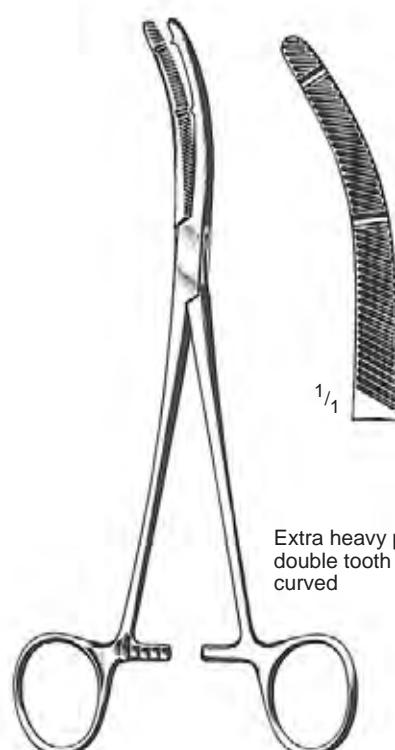
Faure
20 cm/8"
06-6245-20

Hysterektomieklemmen
Hysterectomy Forceps
Pinzas-clamps para histerectomía
Pince à hystérectomie



Heavy Pattern
Single tooth
curved

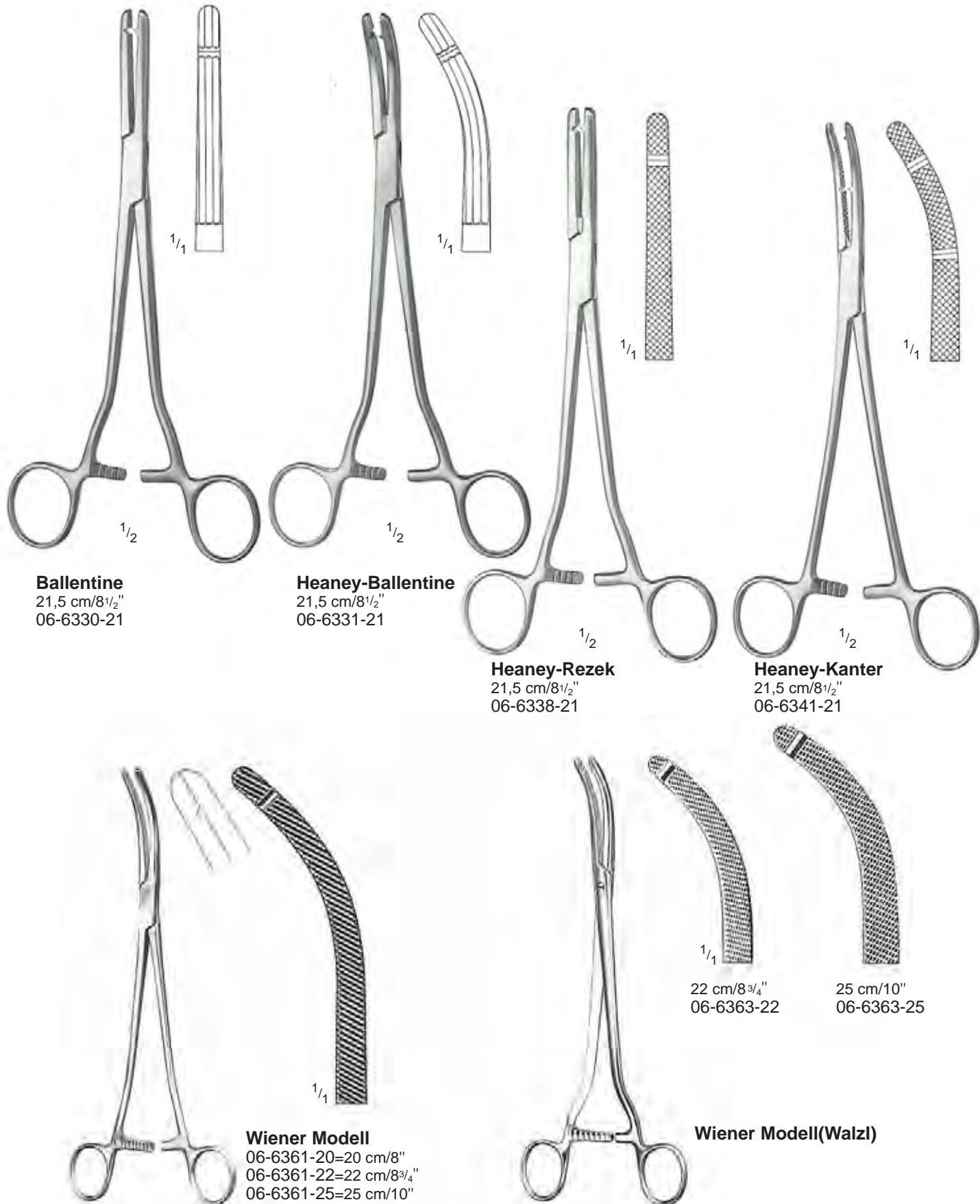
Heaney	cm	inch.	Heaney
06-6321-19	19	7 1/2	06-6323-19
06-6321-21	21	8 1/4	06-6323-21
06-6321-23	23	9	06-6323-23
06-6321-25	25	10	06-6323-25



Extra heavy pattern
double tooth
curved



پنس هیسترکتومی
Hysterektomieklemmen
Hysterectomy Forceps
Pinzas-clamps para histerectomía
Pince à hysterectomie

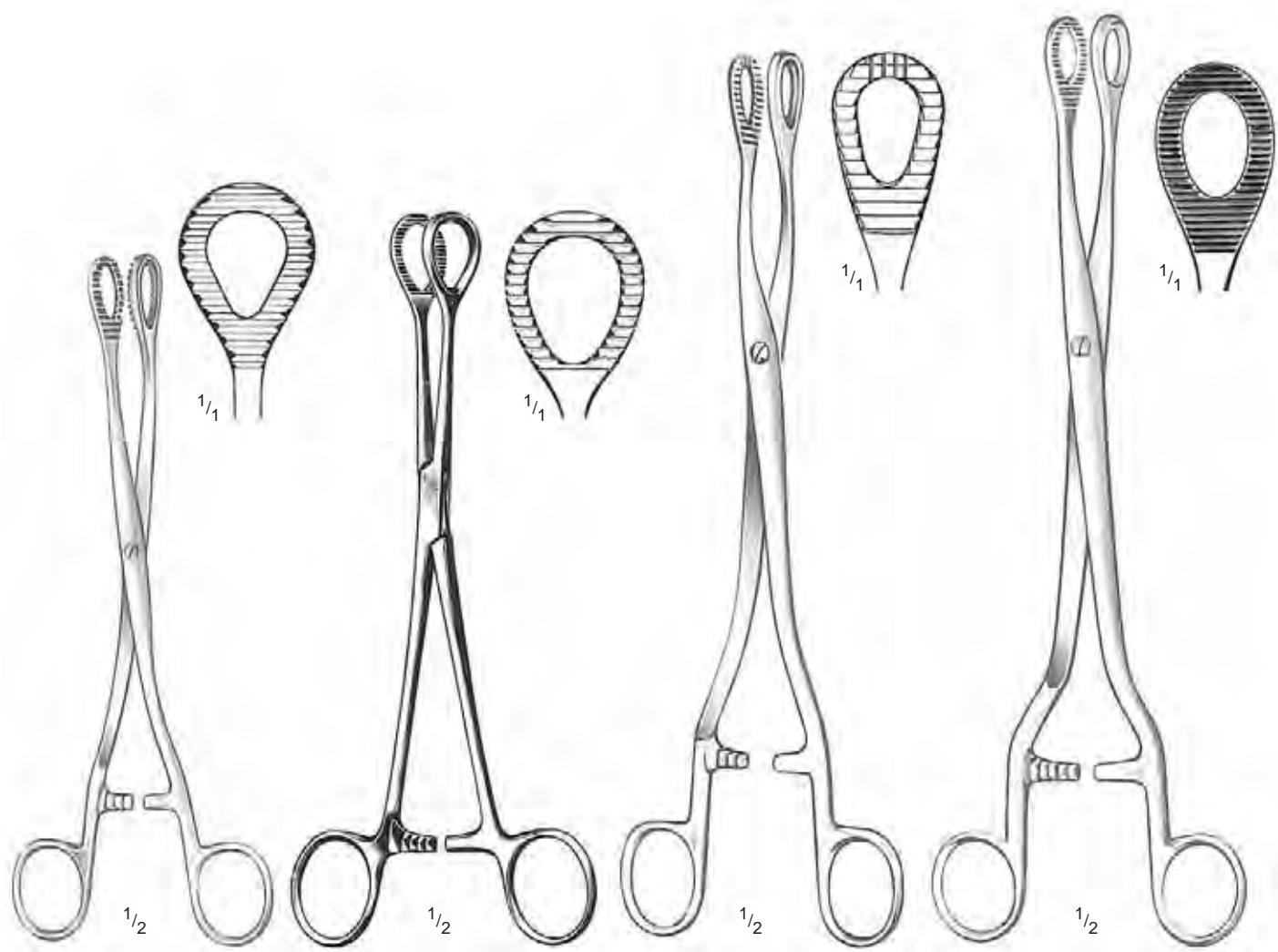


پنس پلیپ رحم و تخمدان

Uterus-Polyenzangen, Ovarienzangen
Uterine Polypus Forceps, Ovarian Forceps
Pinzas para pólipos uterinos, pinzas para ovarios
Pince à polypes utérins, pinces pour les ovaires



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



Heywood-Smith
20 cm/8"
06-6410-20

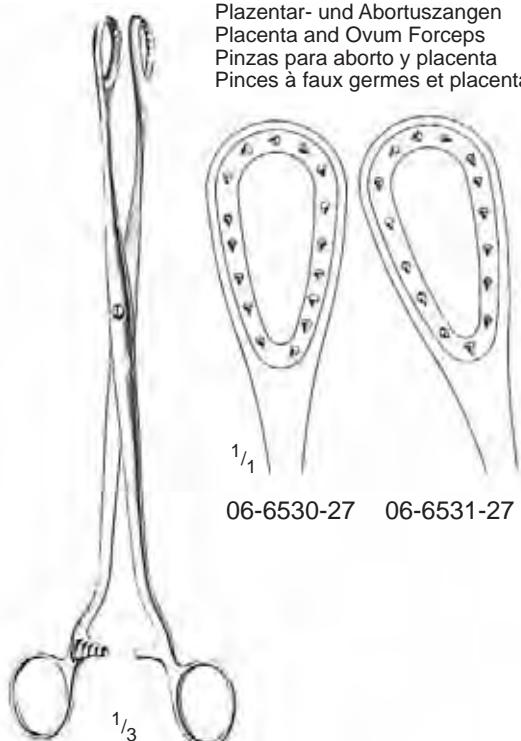
Heywood-Smith
21 cm/8 1/4"
06-6412-21

Heywood-Smith
25 cm/10"
06-6414-25

Noto
27 cm/10 1/2"
06-6420-27

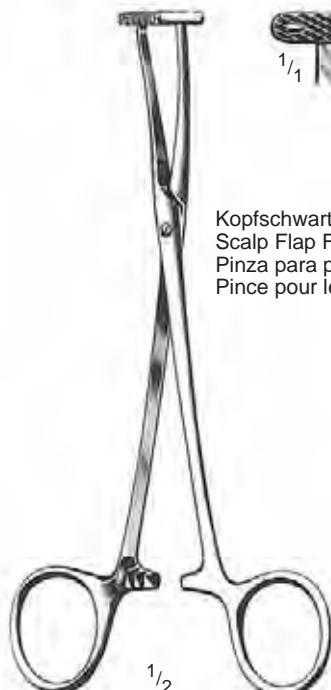


Plazentar- und Abortuszangen
 Placenta and Ovum Forceps
 Pinzas para aborto y placenta
 Pince à faux germes et placenta.

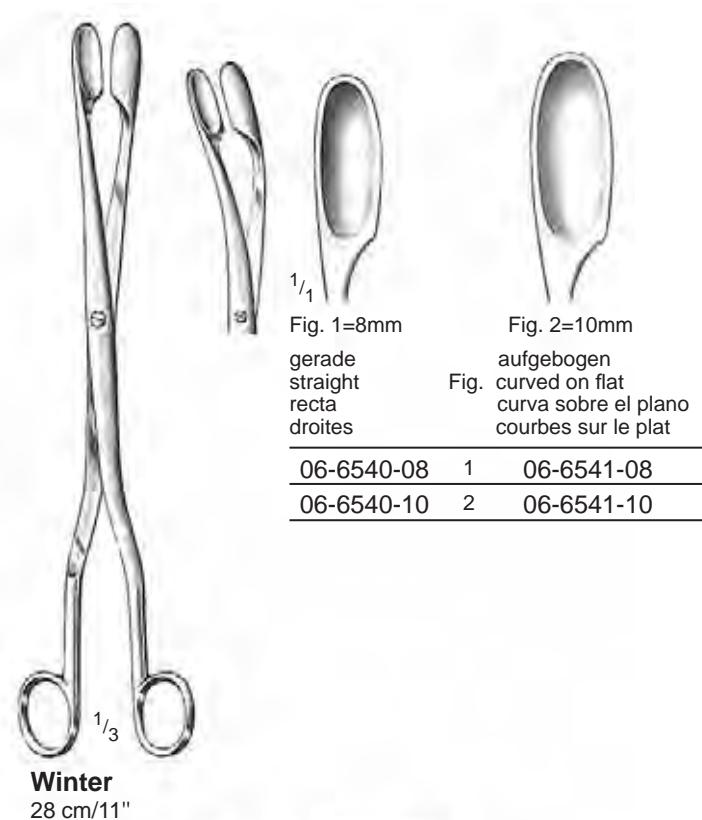


Saenger
 27 cm/10½"

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

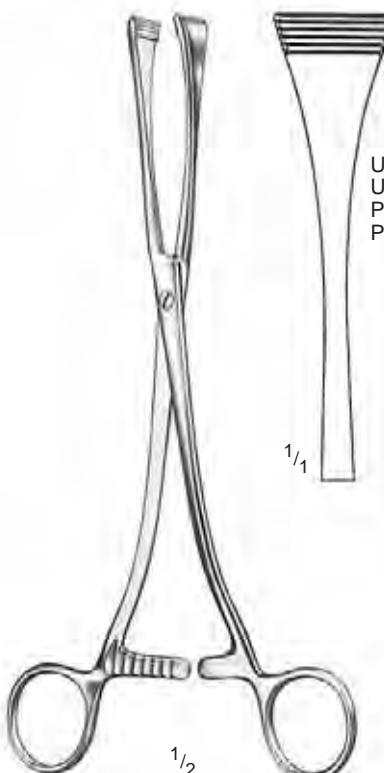


De Martel (Willett)
 18 cm/7"
 06-4501-18



Winter
 28 cm/11"

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



Green-Armytage
 21 cm/8¼"
 06-6750-21

پنس تناکلوم (پنس کل)
Hakenzangen

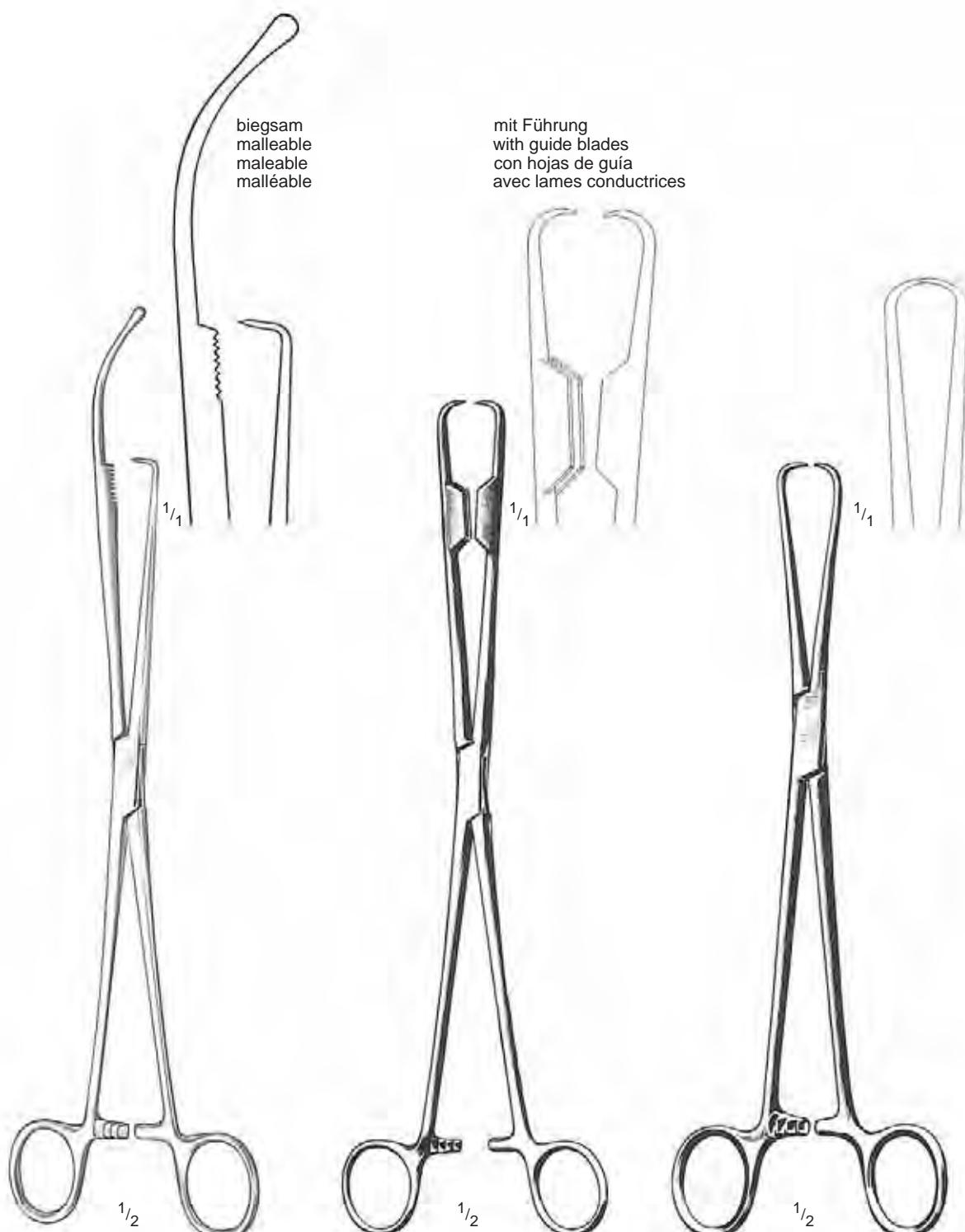
Tenaculum Forceps

Pinzas para coger el cuello del útero

Pince pour abaissement du col de l'utérus



06



Hulka
30 cm/12"
06-7001-30

Abel
27 cm/10½"
06-7010-27

Schroeder
25 cm/10"
Sharp 06-7016-25
Blunt 06-7116-25

06

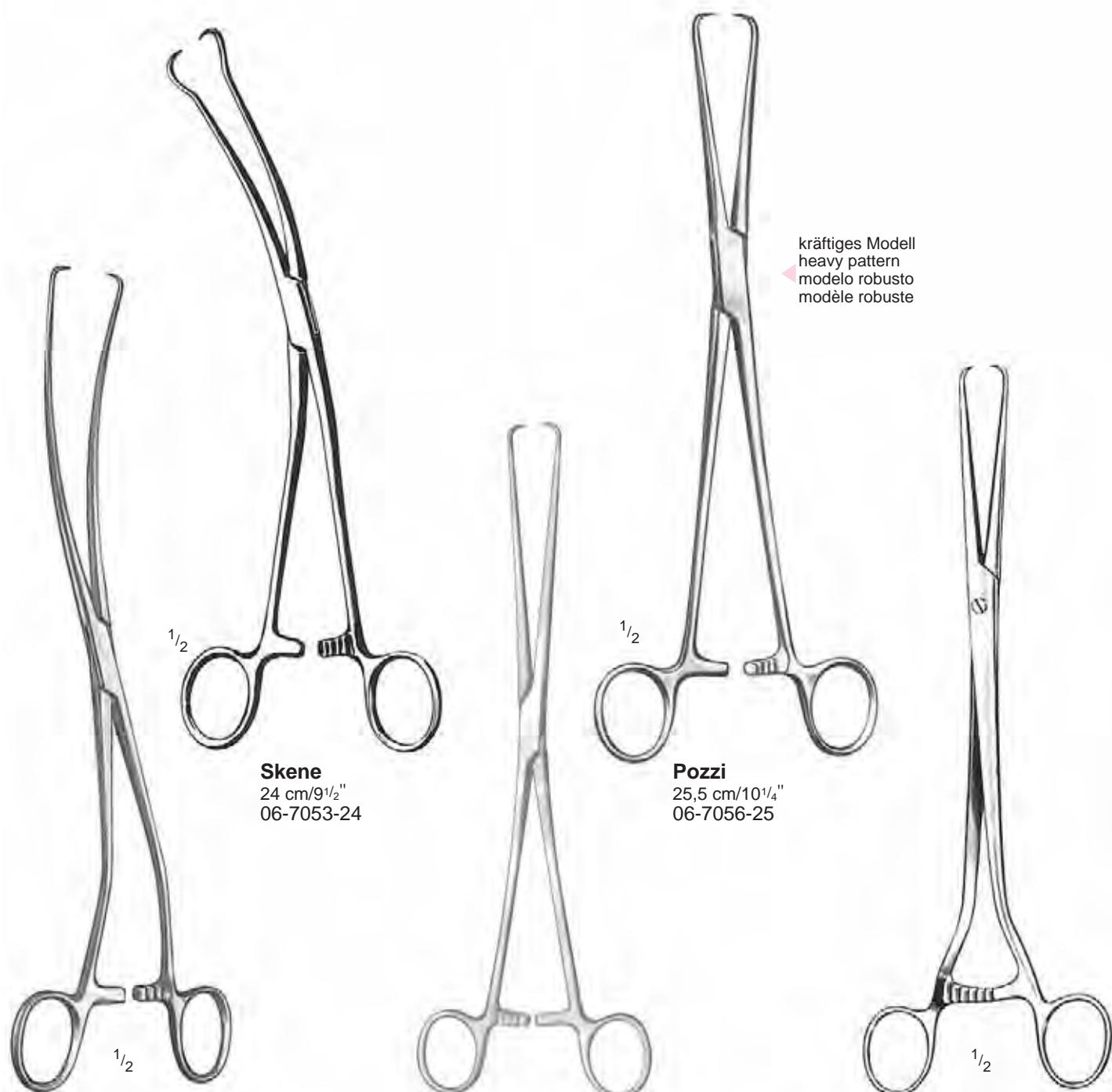


پنس تناکلوم (پنس کل)
Hakenzangen

Tenaculum Forceps

Pinzas para coger el cuello del útero

Pince pour abaissement du col de l'utérus



پنس تناکلوم (پنس کل)
Hakenzangen

Tenaculum Forceps

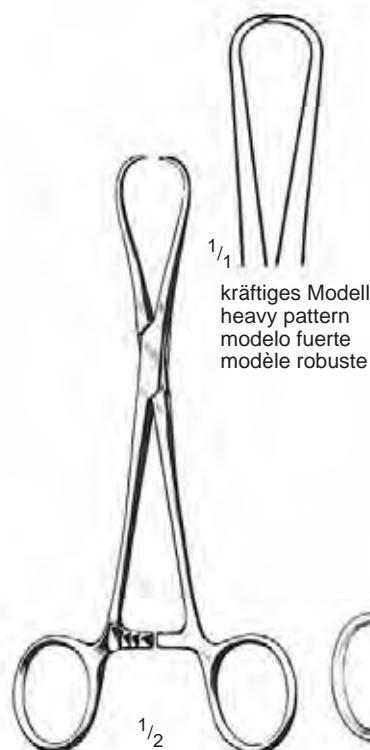
Pinzas para coger el cuello del útero

Pince pour abaissement du col de l' utérus



Univer® 06

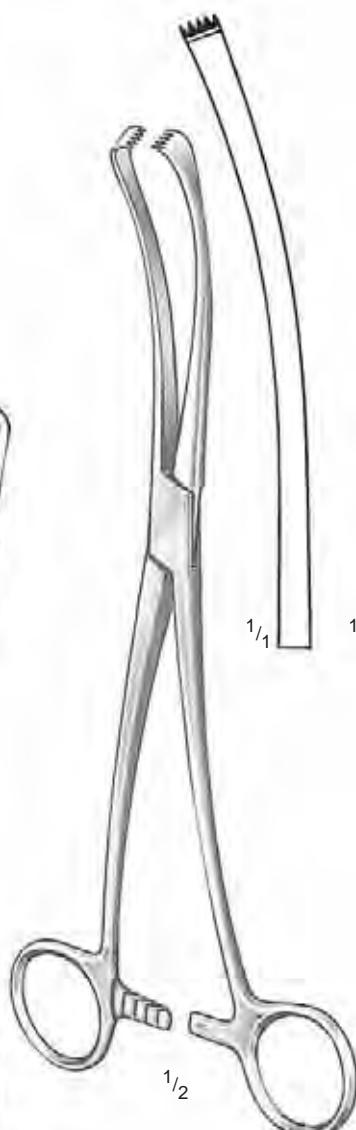
Auch Tuchklemme
Also Towel Forceps
También pinza para compresas, pinza de campo
Aussi pince à compresses (pince à champs)



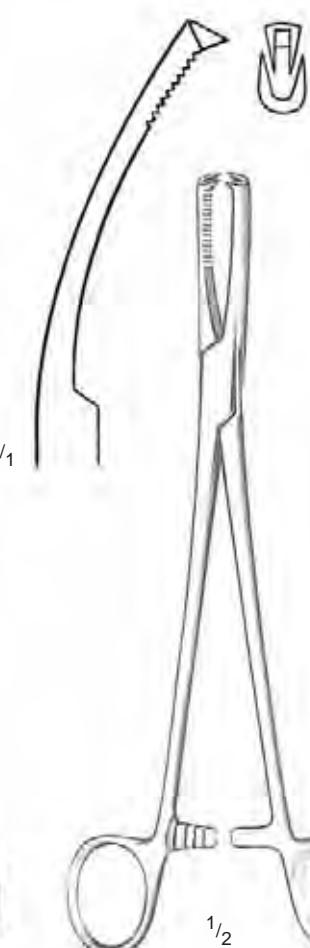
Staude-Moore (Bernhard)
17 cm/6^{3/4}"
06-7082-17



Barrett
18 cm/7"
06-7084-18



Lowa
26 cm/10^{1/4}"
06-7107-26



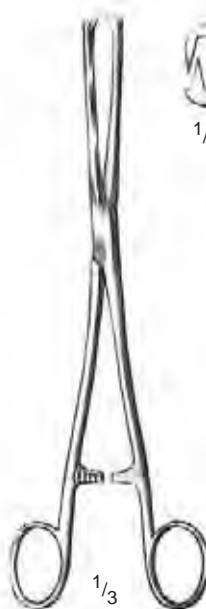
Jacobs
21 cm/8^{1/4}"
06-7130-21
gerade
straight
rectas
droits

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

06



پنس تناکلوم (پنس کل)

Hakenzangen**Tenaculum Forceps****Pinzas para coger el cuello del útero****Pinces pour abaissement du col de l' utérus**

06-7219-24



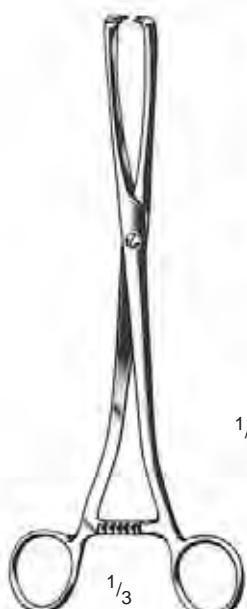
1/1



1/3

Museux

18 cm/7" 06-7218-18
 20 cm/8" 06-7218-20
 25 cm/10" 06-7218-25



1/1

1/3

Museux

24 cm/9 1/2" 06-7224-06 = 6 mm
 06-7224-08 = 8 mm
 06-7224-10 = 10 mm



1/1

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

پنس تناکلوم (پنس کل)
Hakenzangen

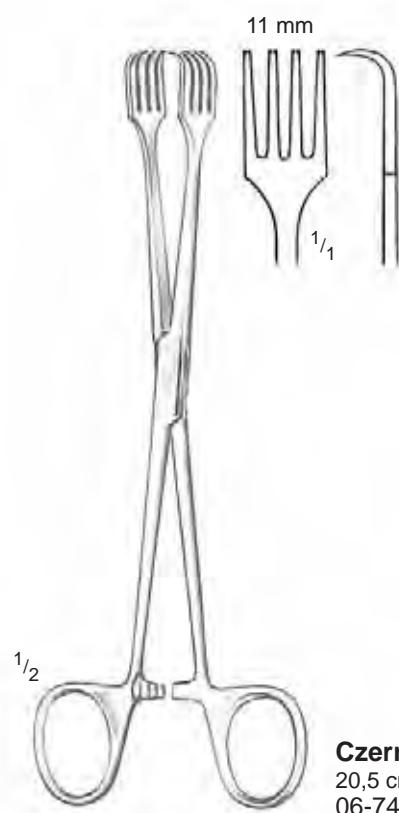
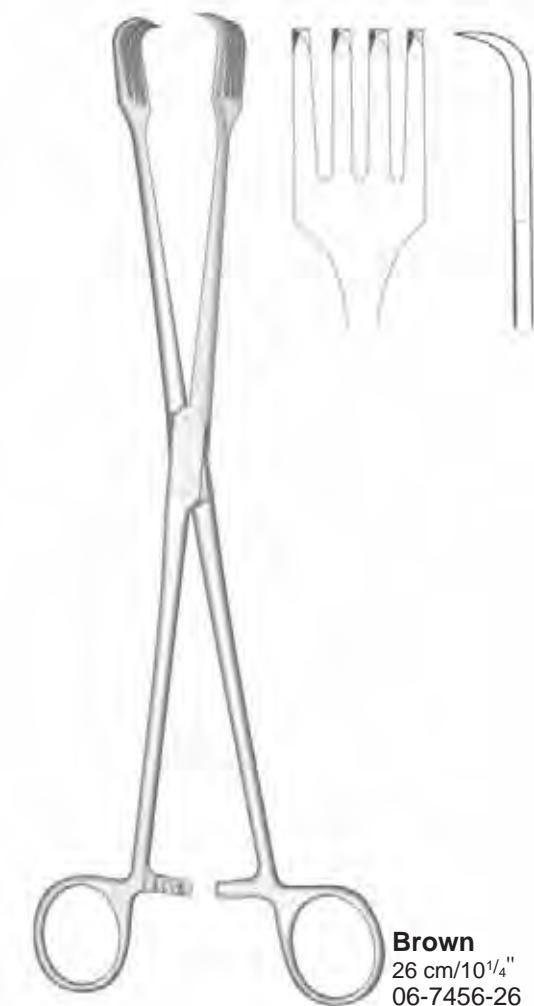
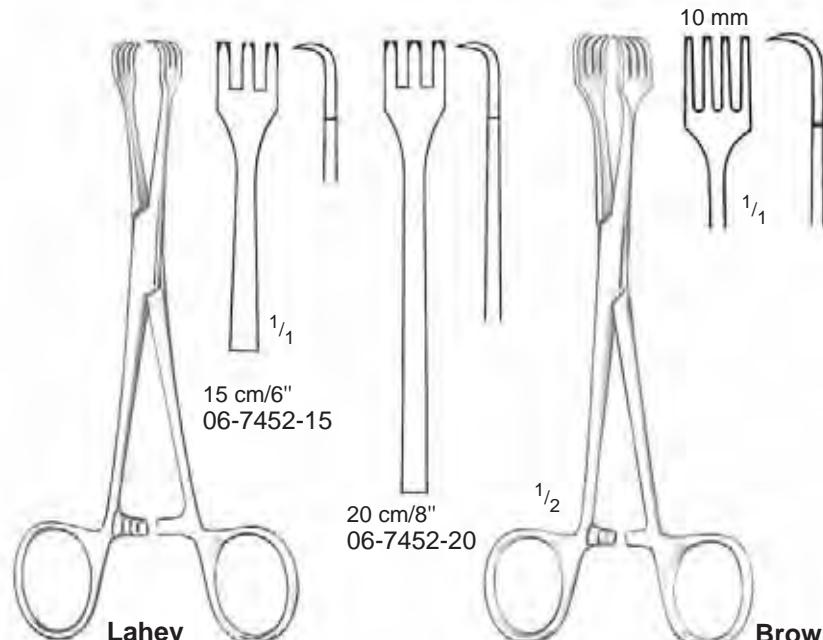
Tenaculum Forceps

Pinzas para coger el cuello del útero

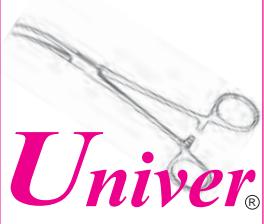
Pince pour abaissement du col de l' utérus



Auch Kropffaßzangen
Also Goitre Seizing Forceps
También pinzas para el bocio
Aussi pince à goître



06

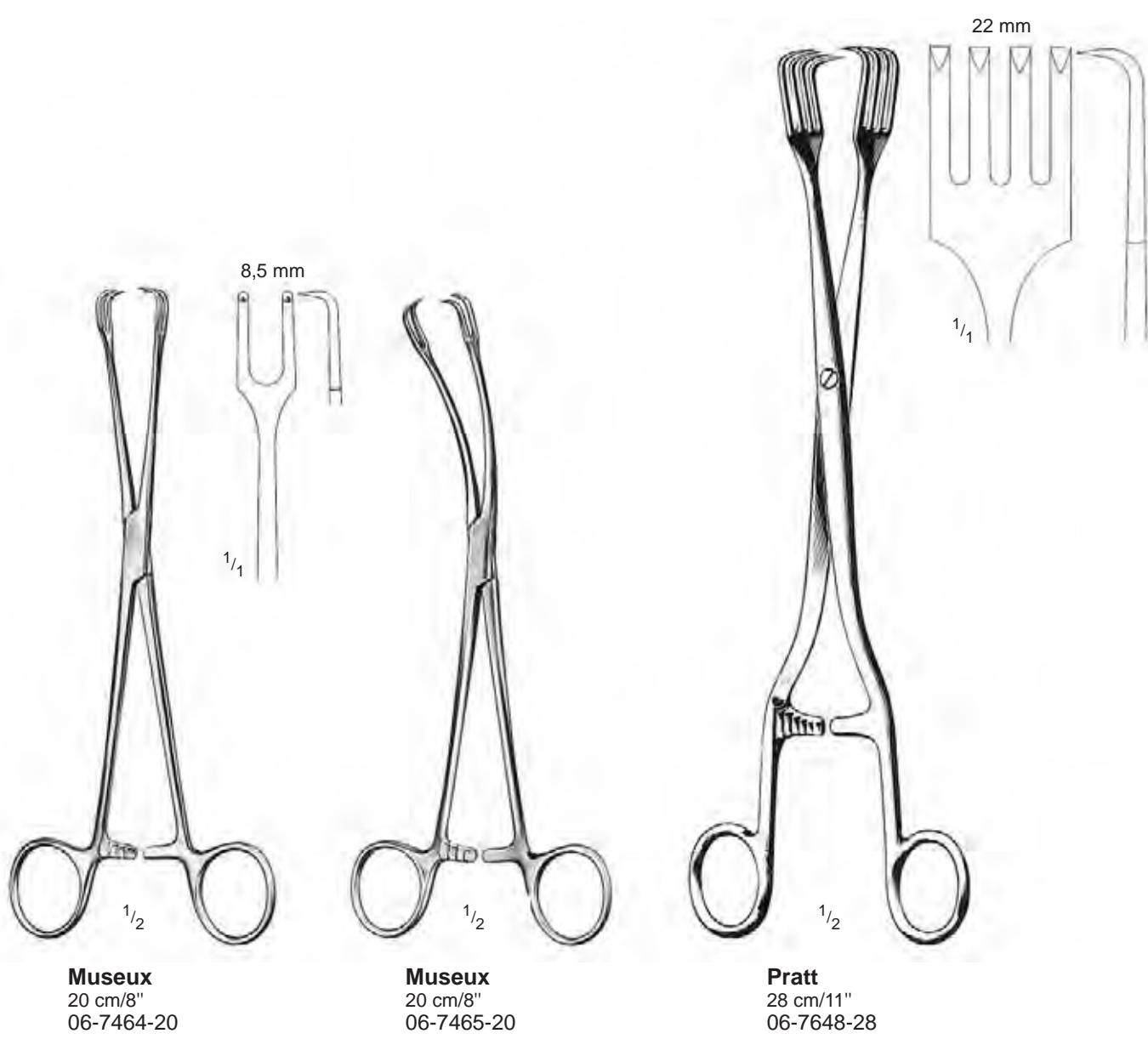


پنس تناکلوم (پنس کل)
Hakenzangen

Tenaculum Forceps

Pinzas para coger el cuello del útero

Pince 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 زبانگیر

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 amigdalas

Pinces amygdaliennes

Zungenzange

Tongue Forceps

Pince tire-langue

Pinza tira-lengua

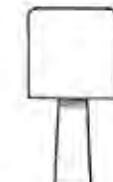
Pince tire - langue



Young
17 cm/6 1/4"
06-8025-17

06-8025-92

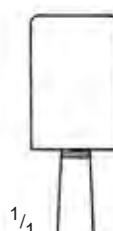
1 para Ersatzgummi für 06-8025-17
1 pair of rubber pads for 06-8025-17
1 parde bocas de goma suelta para 06-8025-17
1 paire de mors caoutchouc pour 06-8025-17



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.



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

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

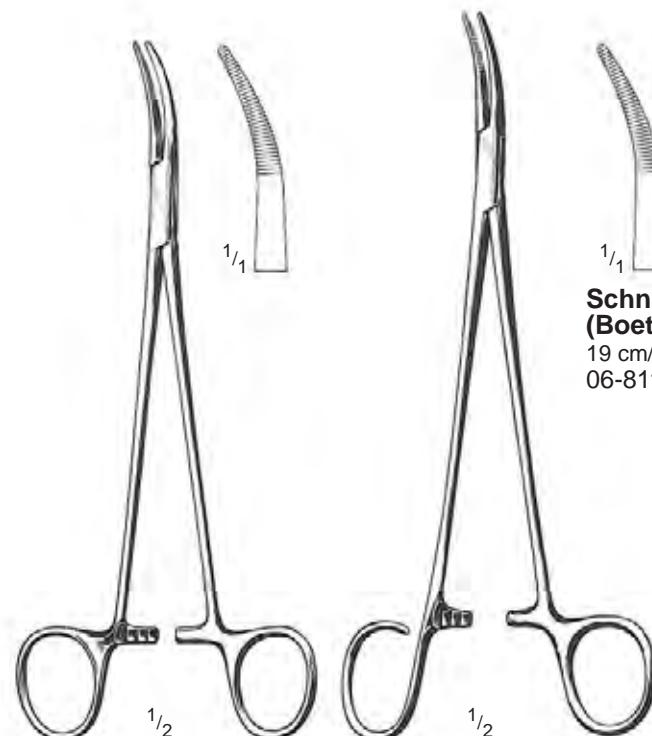
La pinza retiene la materia bajo presión hasta el momento de la introducción, para evitar el hincharimiento bajo la influencia de la humedad del aire.

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.

House

Tonsillenklemmen Tonsil Clamps Pinzas para coger las amigdalas Pinces amygdaliennes

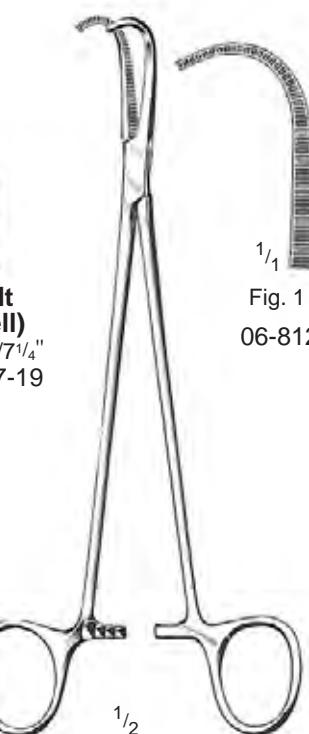


Schnmidt
19 cm/7 1/2"
06-8051-19

1/1

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

1/1



Negus
19 cm/7 1/2"

Fig. 1
06-8129-01



2
06-8129-02

06



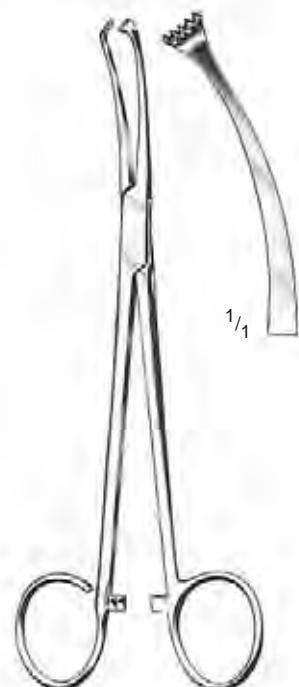
پنس لوزه

Tonsillenfaßzangen

Tonsil Seizing Forceps

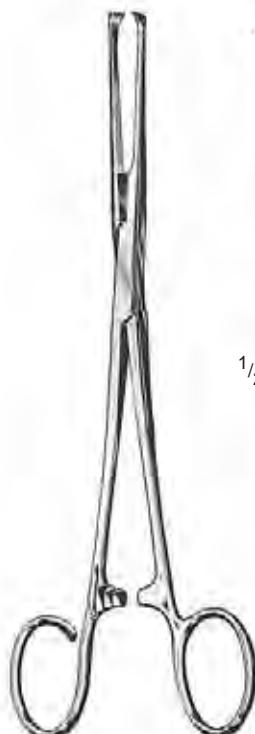
Pinzas para coger las amígdalas

Pince pour saisir les amygdales



White

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



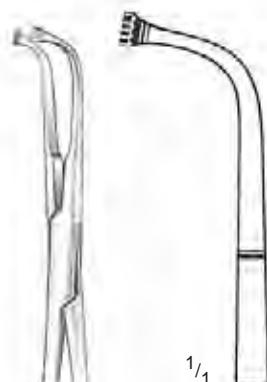
Allis-Coakley

19 cm/7 1/2" 06-8228-19



Allis-Coakley

19 cm/7 1/2" 06-8229-19



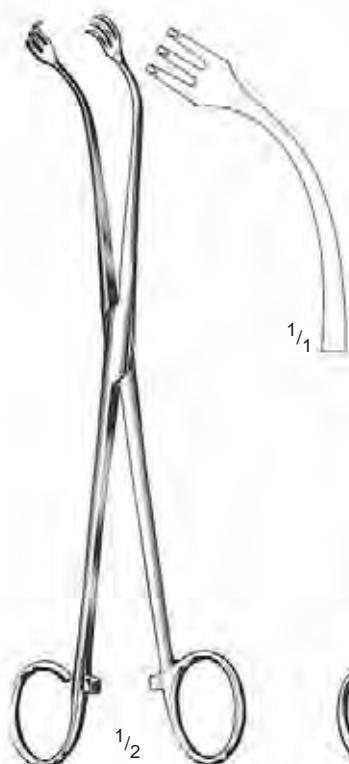
Allis-Coakley

18,5 cm/7 1/4" 06-8229-18



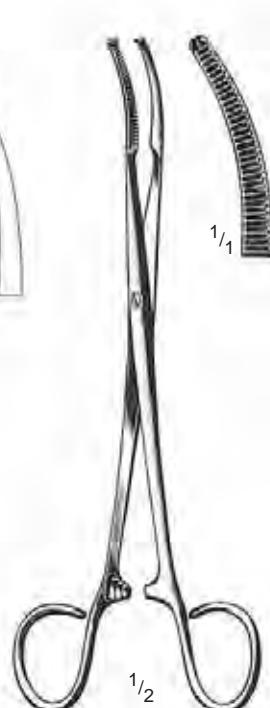
Allis

20 cm/8" 06-8231-20



Ballenger

21,5 cm/8 1/2" 06-8241-21



Mikulicz

18 cm/7" 06-8245-18



Blohmke

20 cm/8" 06-8257-20

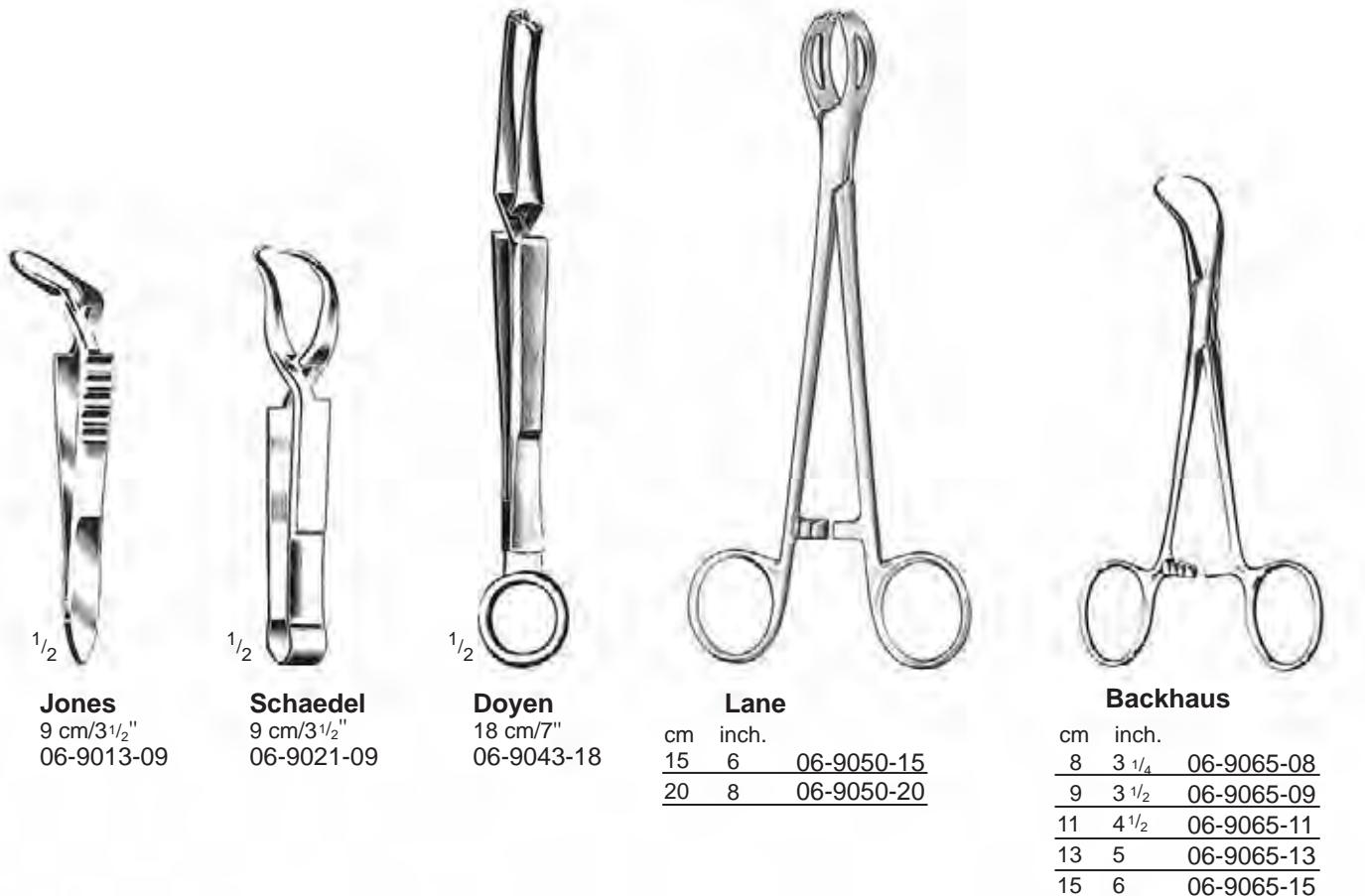
پنس شانگیر

Tuchklemmen

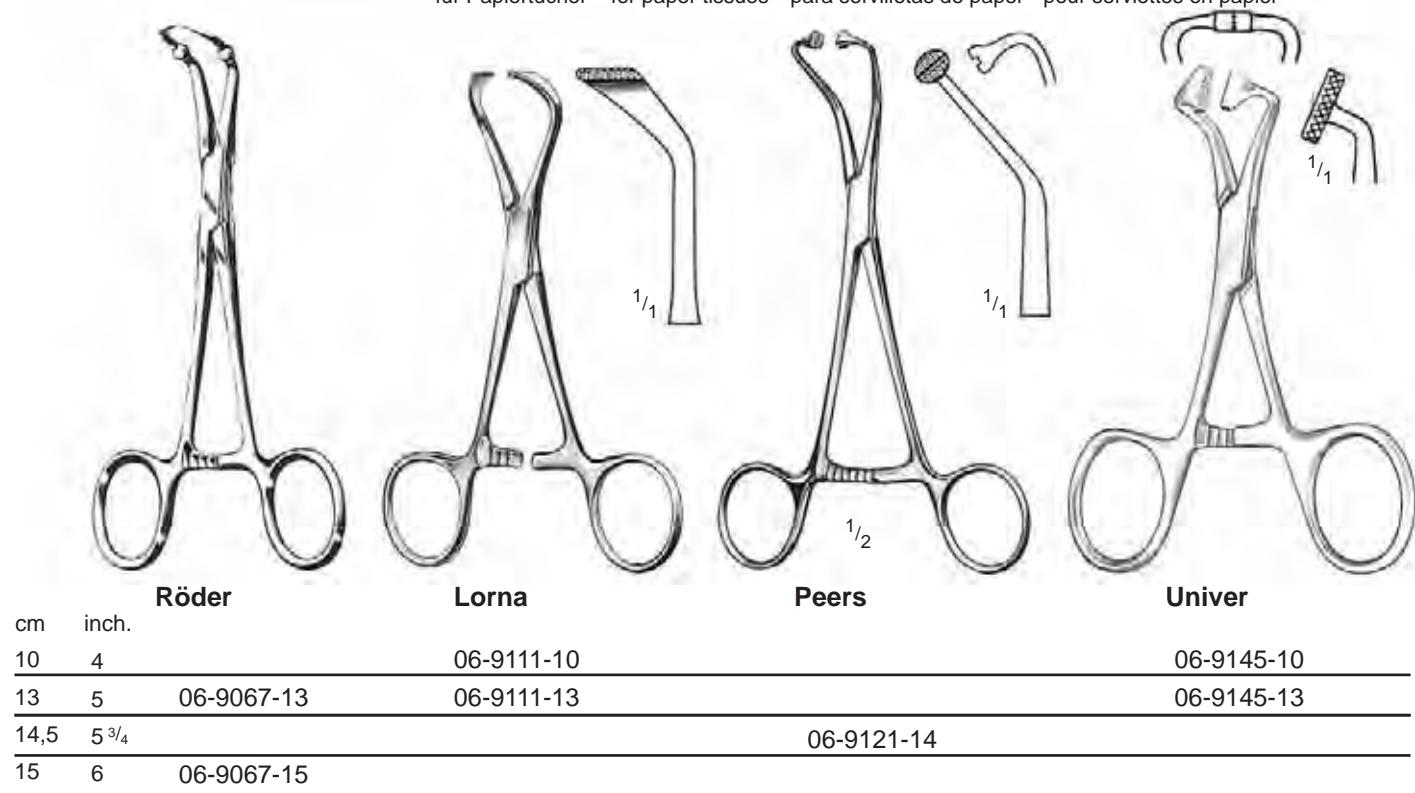
Towel Forceps

Pinzas para compresas, pinzas de campo

pince à compresses, pinces à champs



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



06



پنس درآوردن تراشه خارجی

Splitterzangen

Splinter Forceps

Pinzas para espinas

Pince à échardes



Arthur

14 cm/5 1/2"

06-9200-14



Stieglitz (Williams)

14 cm/5 1/2"

06-9202-14

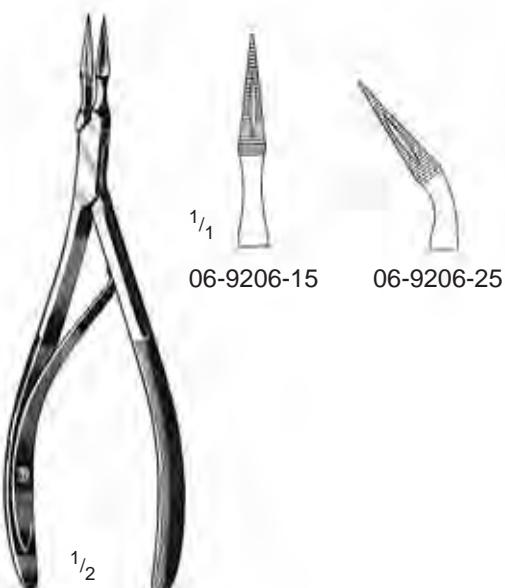
06-9202-24



Peet

11,5 cm/4 1/2"

06-9205-11



Ralks (Virtus)

15 cm/6"

06-9206-15

06-9206-25

نوع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

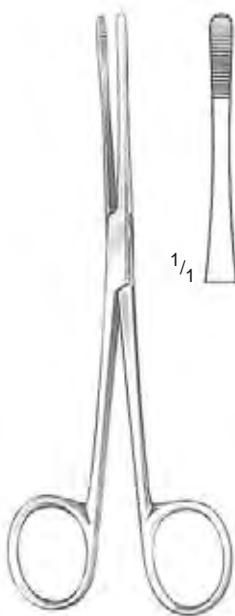
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

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

Pince à polypes et à pansements, pinces à tampons, pinces à corps étrangers



06



Lister

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

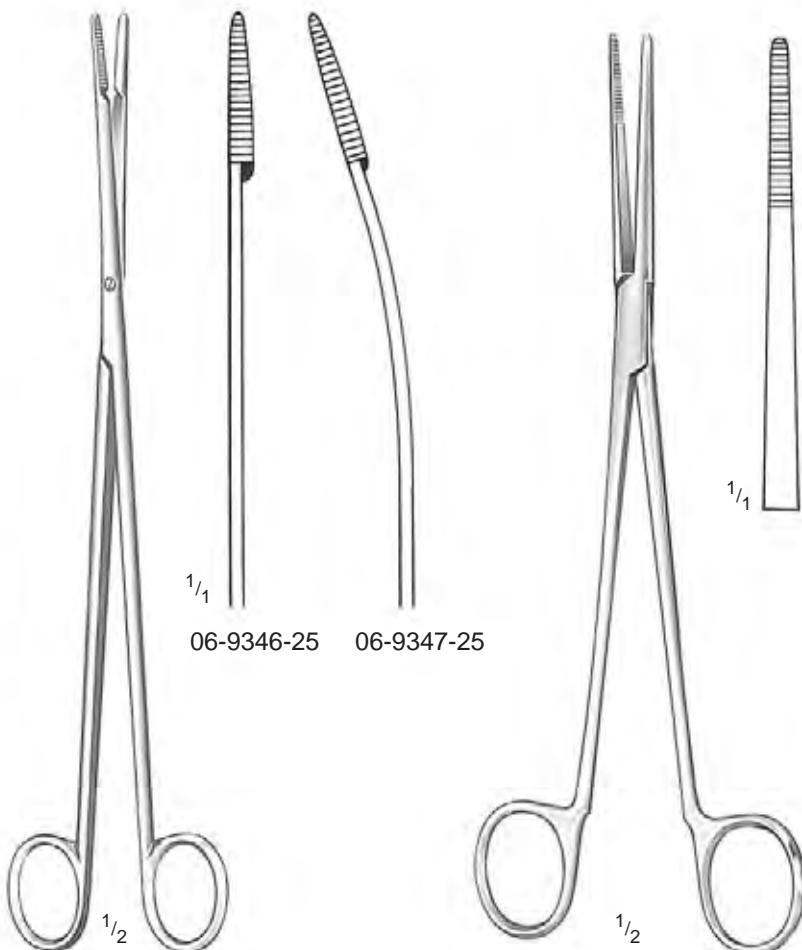
Auch Gallensteinzangen
Also GallStone Forceps
También pinzas para cálculos biliares
Aussi pinces pour calculs biliaires



Walton

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

06-9321-17



Pelkmann

25 cm/10"

Westermark

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

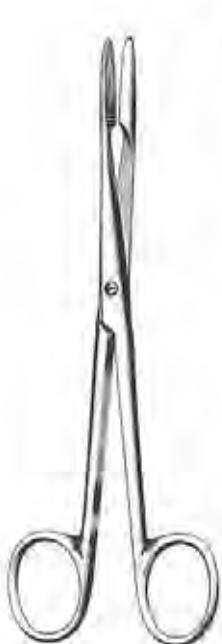
أنواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

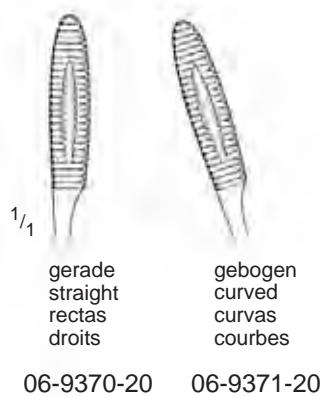
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

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

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



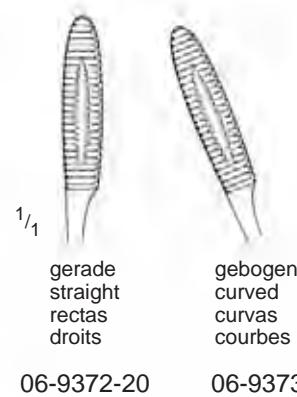
Gross
20cm/8"



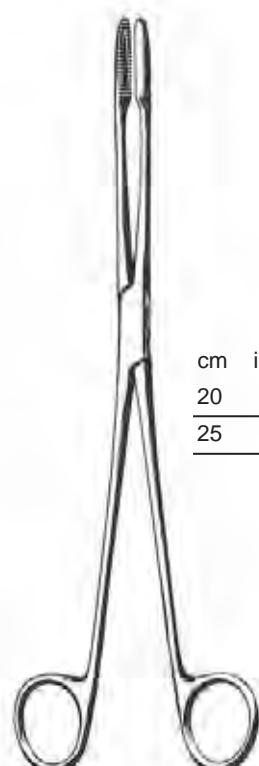
06-9370-20 06-9371-20



Gross
20cm/8"

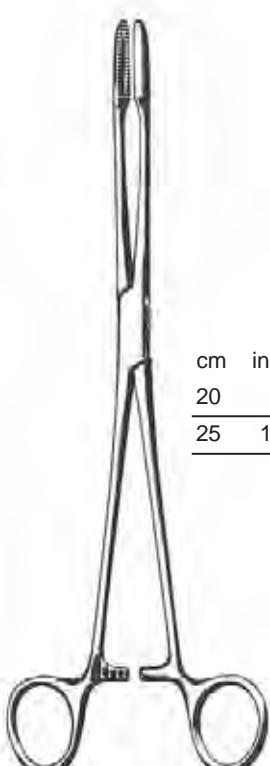


06-9372-20 06-9373-20



Gross-Maier

		1/1	
cm	inch.	gerade straight rectas droits	gebogen curved curvas courbes
20	8	06-9380-20	06-9381-20
25	10	06-9380-25	06-9381-25



Gross-Maier

		1/1	
cm	inch.	gerade straight rectas droits	gebogen curved curvas courbes
20	8	06-9382-20	06-9383-20
25	10	06-9382-25	06-9383-25

نوع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

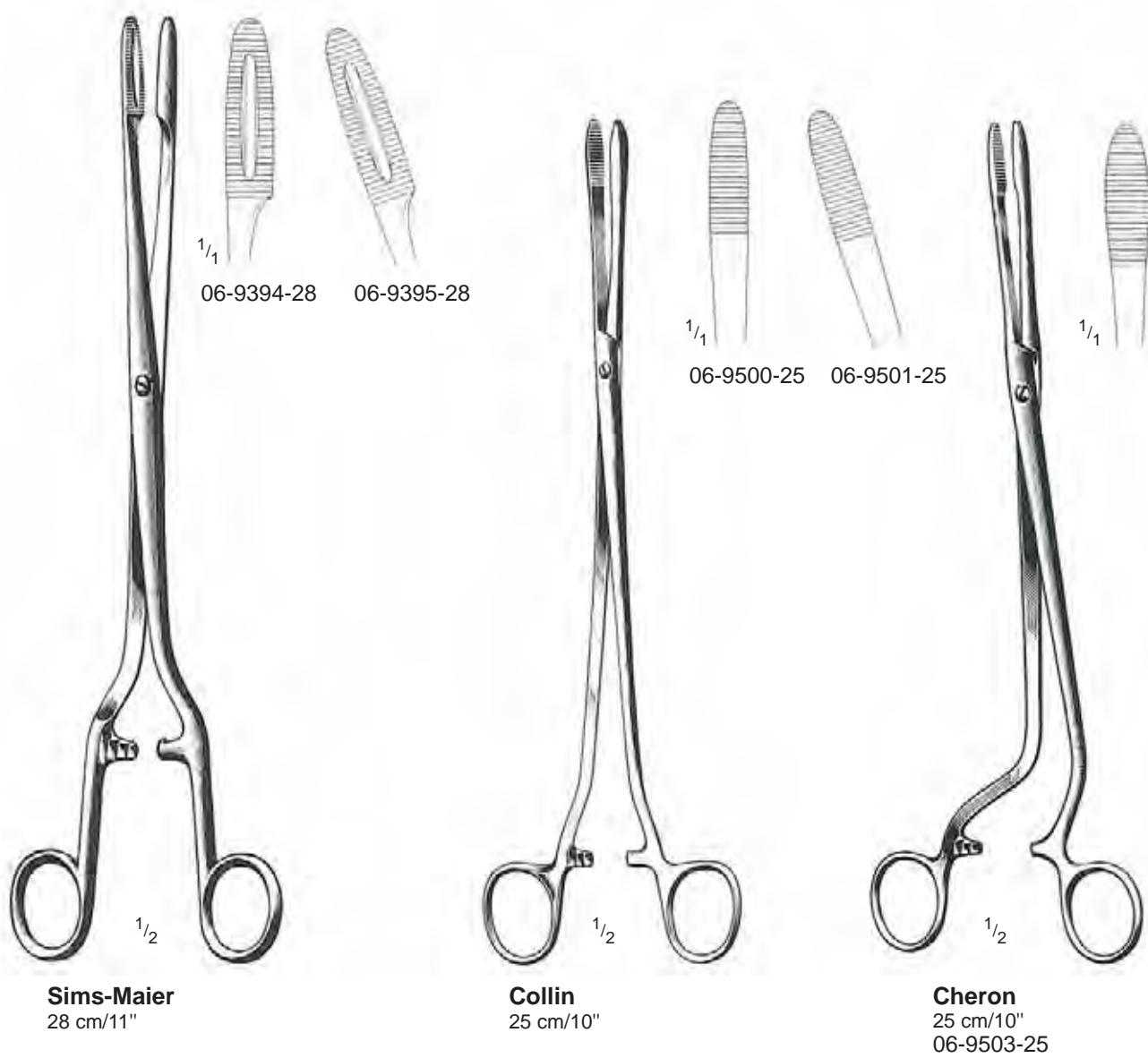
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

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

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



06



Sims-Maier
28 cm/11"

Collin
25 cm/10"

Cheron
25 cm/10"
06-9503-25



أنواع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

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

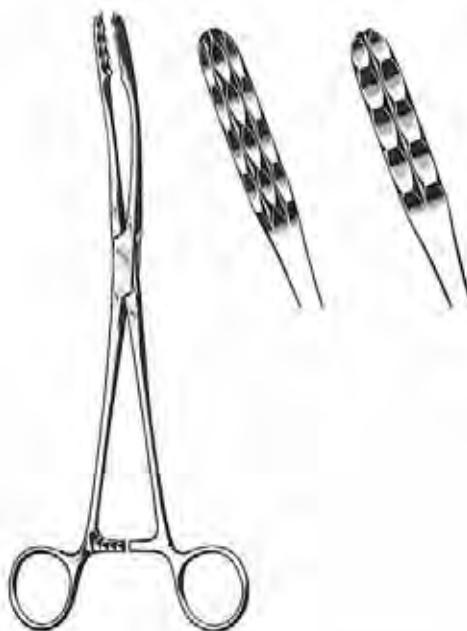
Pinzas para pólipos y vendajes, pinzas para tapones, pinzas para cuerpos extraños

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



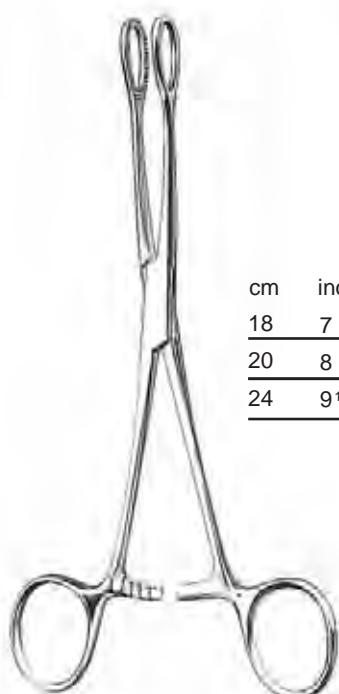
Ulrich

06-9510-18 = 18 cm/7"
06-9510-20 = 20 cm/8"
06-9510-23 = 22,5 cm/8^{3/4}"
06-9510-25 = 25 cm/10"
06-9510-27 = 27 cm/10^{3/4}"



Ulrich

06-9511-18 = 18 cm/7"
06-9511-20 = 20 cm/8"
06-9511-23 = 22,5 cm/8^{3/4}"
06-9511-25 = 25 cm/10"
06-9511-27 = 27 cm/10^{3/4}"



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 pólipos uterinos, Pinzas para Ovarios
Pince à polypes utérins, pinces pour les Ovaires

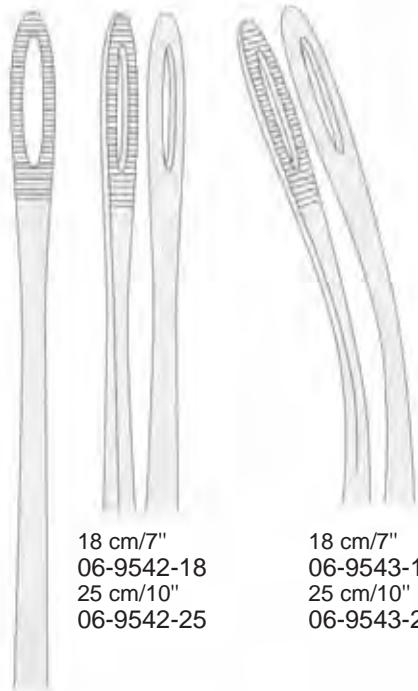
Tupferzangen
Cotton Swab Forceps
Pinzas para Tapones
Pince à Tampons



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



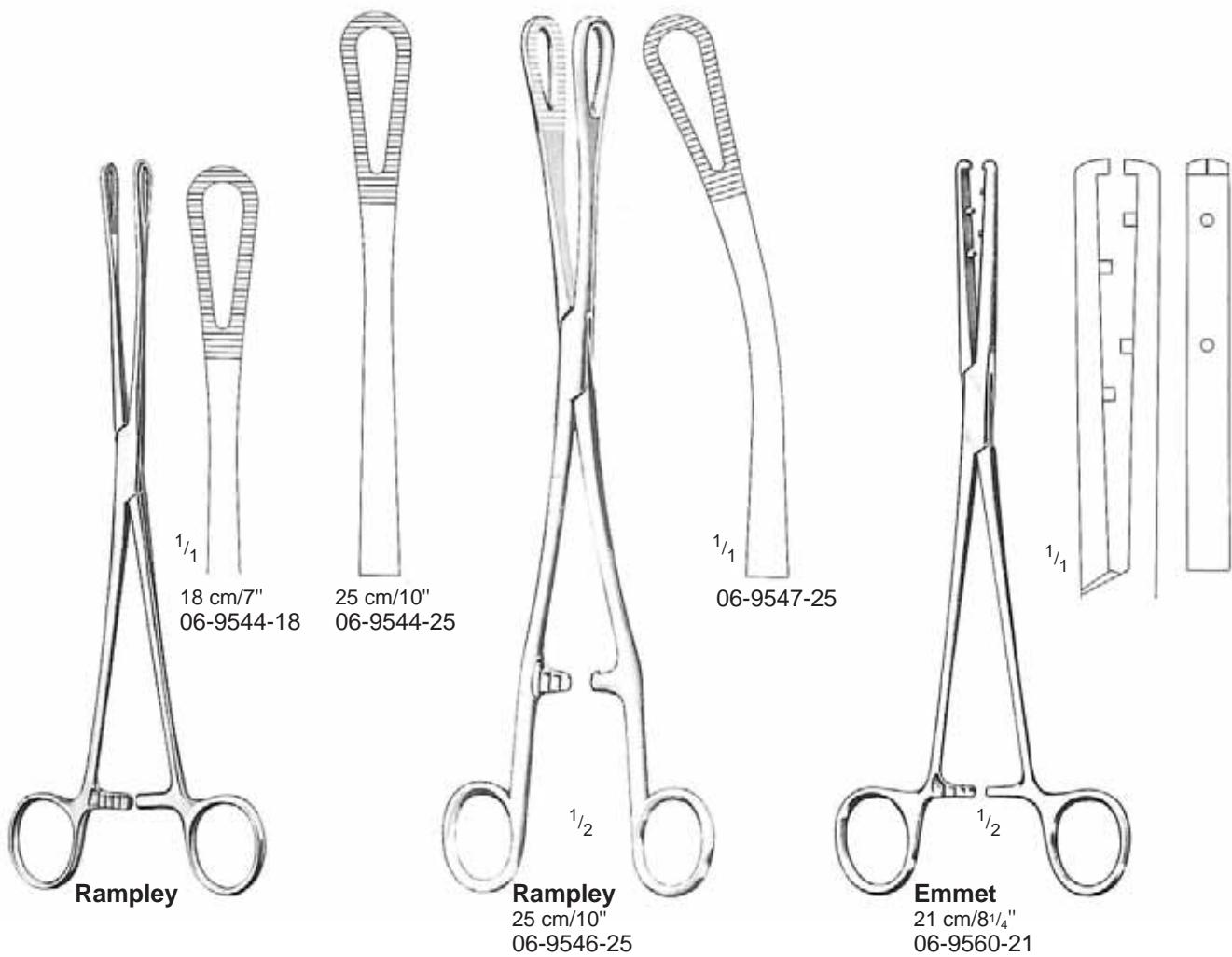
أنواع پنس پلبيپ، شستشو و پانسمان

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, pinces à tampons, pinces à corps étrangers



نوع پنس پلیپ، شستشو و پانسمان

Korn-(Polypen-) Zangen, Tupferzangen, Fremdkörperzangen

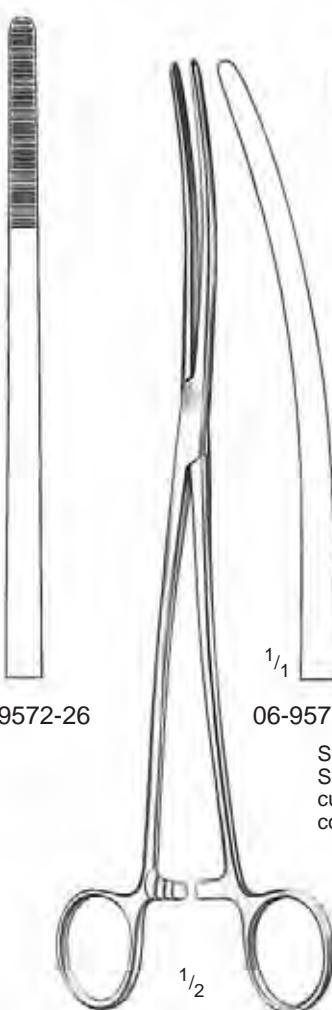
Polypus and Dressing Forceps, Cotton Swab Forceps, Foreign Body Forceps

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

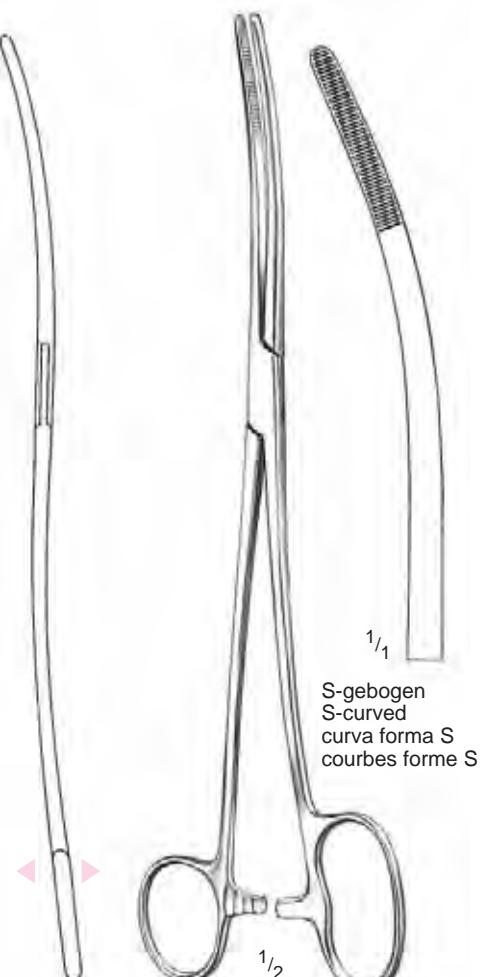
Pinces à polypes et à pansements, pinces à tampons, pinces à corps étrangers



Bozemann
26 cm/10^{1/4}"



Bozemann
26 cm/10^{1/4}"

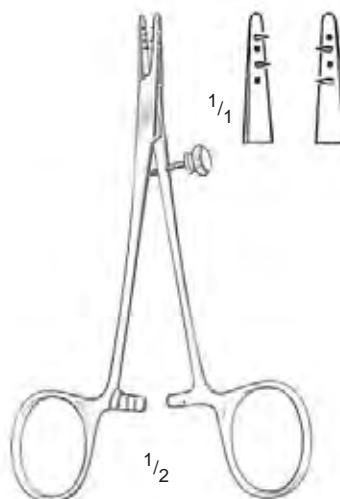


Bozemann-Douglas
26 cm/10^{1/4}"
06-9579-26

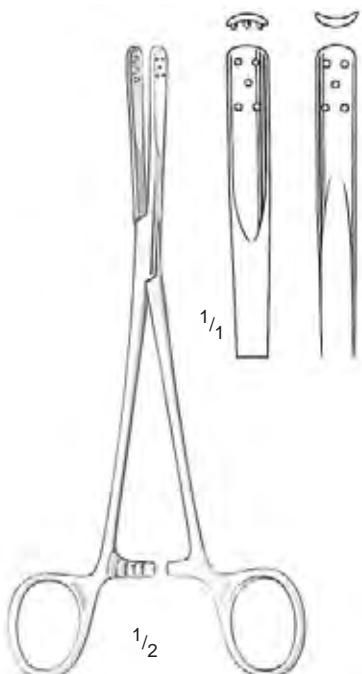


انواع پنس جراحی تاندون
Verschiedene Zangen und Klemmen
Various Forceps
Varias pinzas
Pince diverses

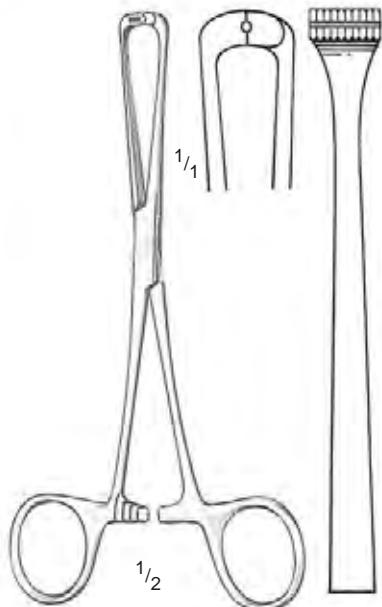
Handchirurgie - Sehnenfaßzangen
 Handsurgery - Tendon Grasping Forceps
 Cirugía de la mano - Pinzas para coger tendones
 Chirurgie de la main - Pinces pour saisir les tendons



Steinmann
13 cm/5"
06-9650-13



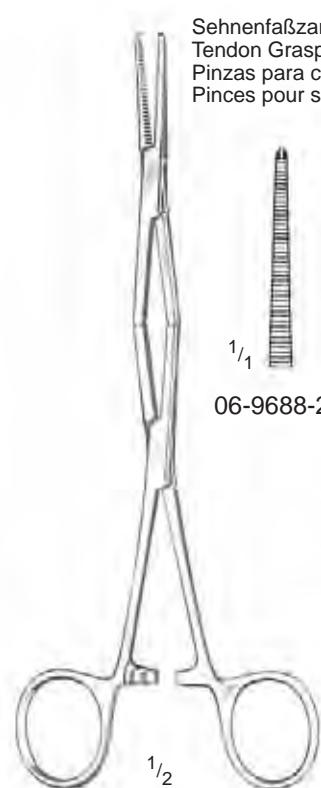
Brand
15,5 cm/5 3/4"
06-9670-15



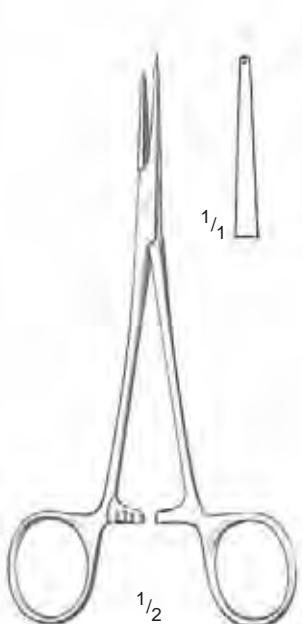
Steinmann
16 cm/6 1/4"
06-9680-16

Sehnenfaßzangen
 Tendon Grasping Forceps
 Pinzas para coger tendones
 Pinces pour saisir les tendons

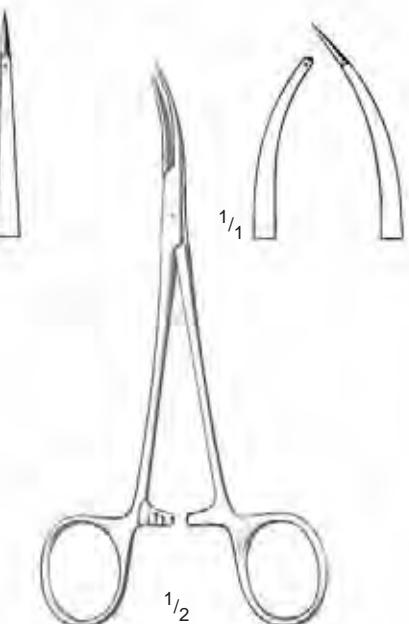
Sehneneinflechtklemmen
 Tendon Interlacing Forceps
 Pinzas para interlazar tendones
 Pinces pour tresser tendons



20,5 cm/8"



15 cm/6"
06-9690-15



15 cm/6"
06-9691-15

انواع پنس (تیوبینگ کلمپ)

Verschiedene Zangen und Klemmen

Various Forceps

Varias pinzas

Pince diverses



Schlauchklemmen

Tubing Clamps / Pinchcock Clamps

Pinzas para tubos

Pince presse-tube



1/1



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



19 cm/7 1/2"
06-9900-18



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



1/2



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



19 cm/7 1/2"
06-9910-18



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

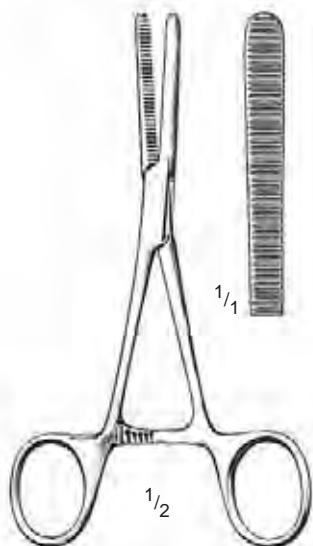
Tubing clamps with safety guard

mit Schutzbügel
with Safety guard
con estribo de protección
avec protection

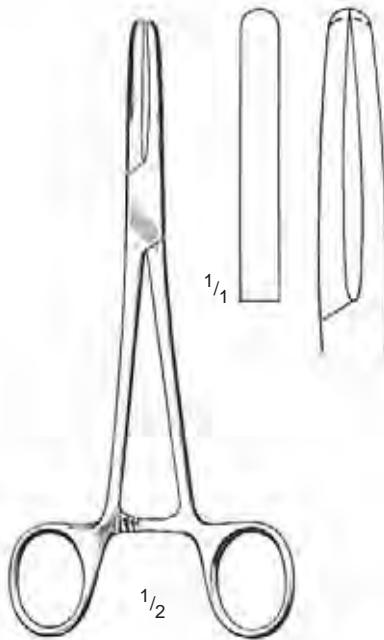


انواع پنس (تیوبینگ کلمپ)
Verschiedene Zangen und Klemmen
Various Forceps
Varias pinzas
Pince diverses

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



Mod. Klinikum Berlin
 14,5 cm/5^{3/4}"
 06-9906-14



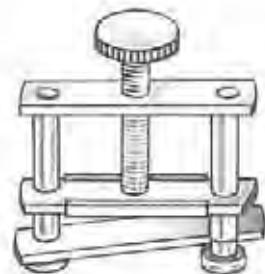
Presbyterian-Hospital
 16,5 cm/6^{1/2}"
 06-9912-16



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

Pince diverses



06

Sterilisierzangen

Sterilizing Forceps

Pinzas para esterilización

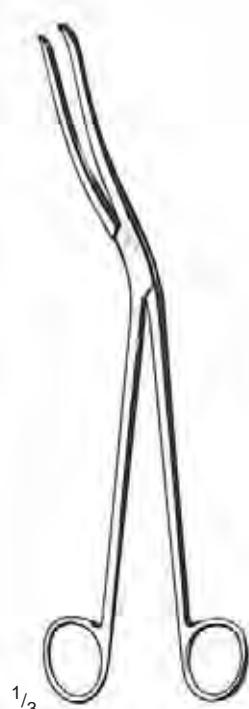
Pince à stérilisation



06-9952-20= 20cm/8"
06-9952-30= 30cm/12"



Rogge
23 cm/9"
06-9954-23



Cheatle
27 cm/10½"
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
Pince diverses

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



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

für Kleinstkinder
pediatric size
para pequeños niños
pour petits-enfants



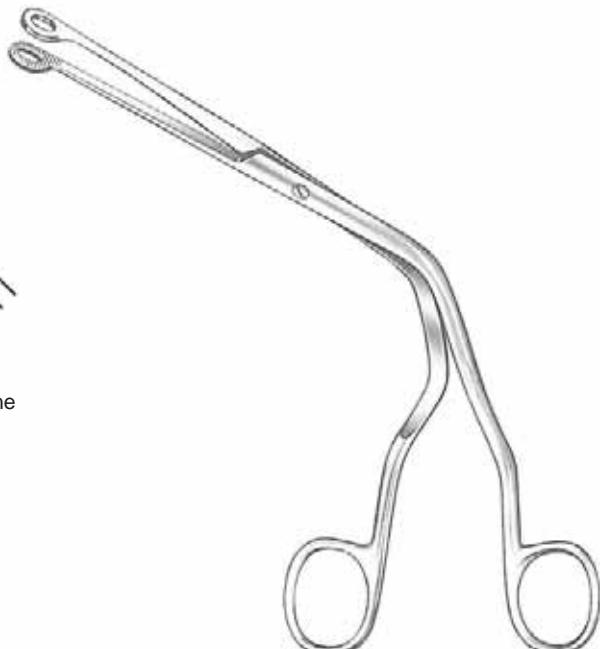
20 cm/8"
06-9975-20

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



انواع هوک و اکارتورهای ثابت

**Wundhaken und Hauthäkchen
Retractors and Hooks
Separadores y Ganchos
Ecarteurs et crochets**

Univer - Made in IRAN

10
A



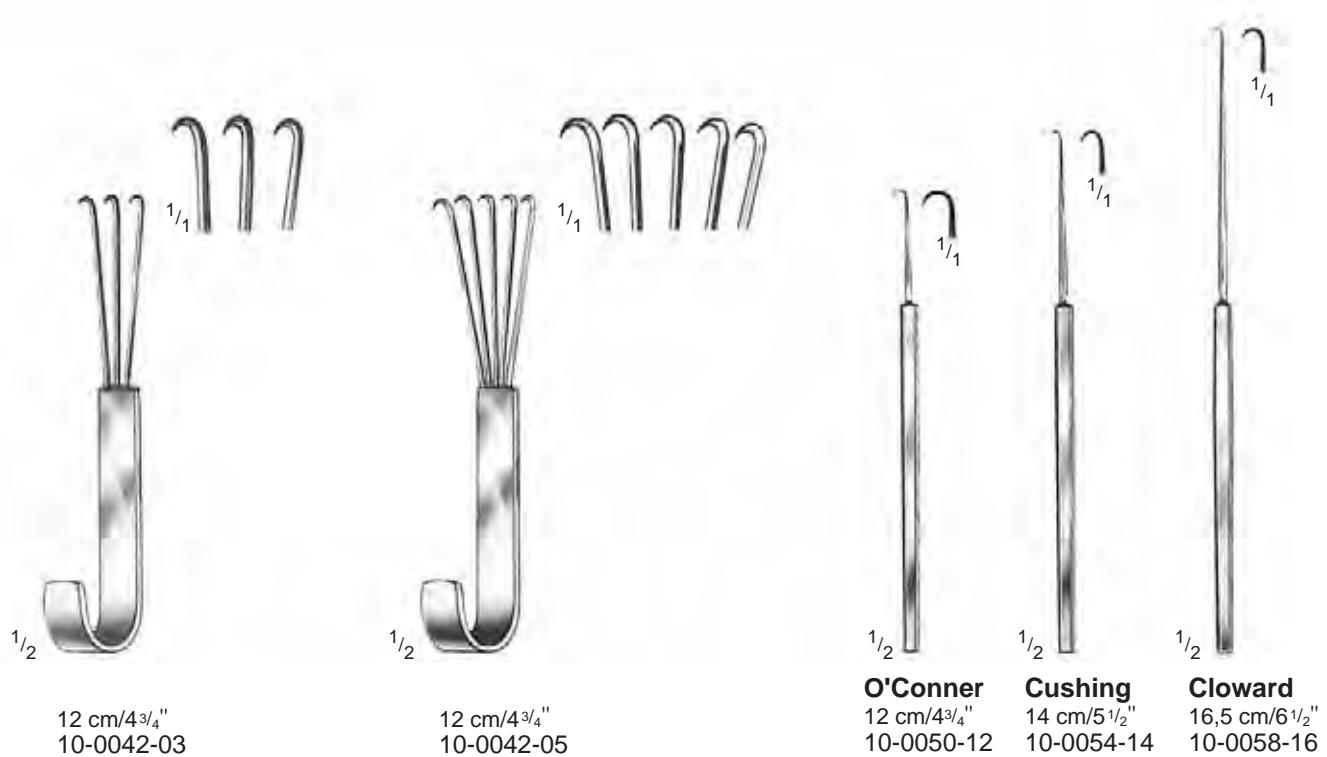
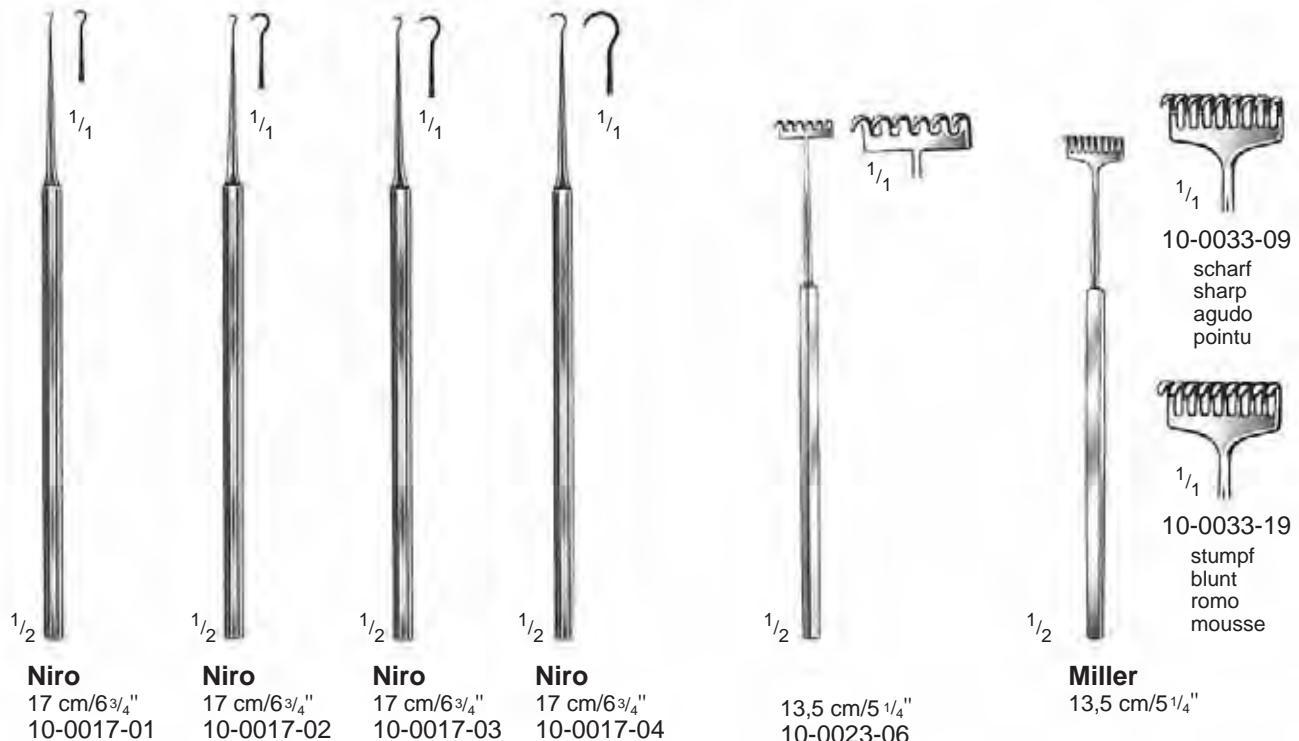
اکارتور ڈریف پوستی - ہوک ڈریف

Feine Wund- und Hauthäkchen

Fine Wound and Skin Retractors

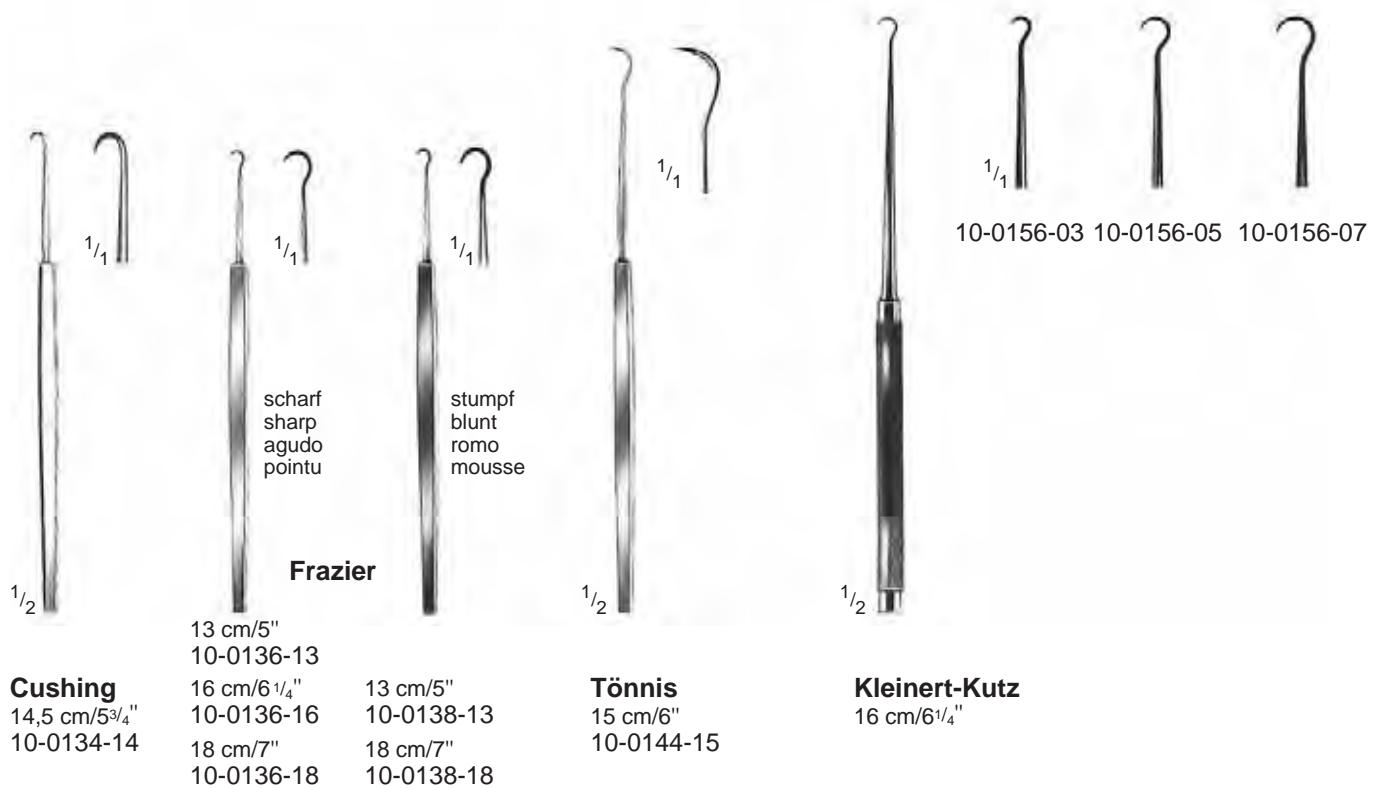
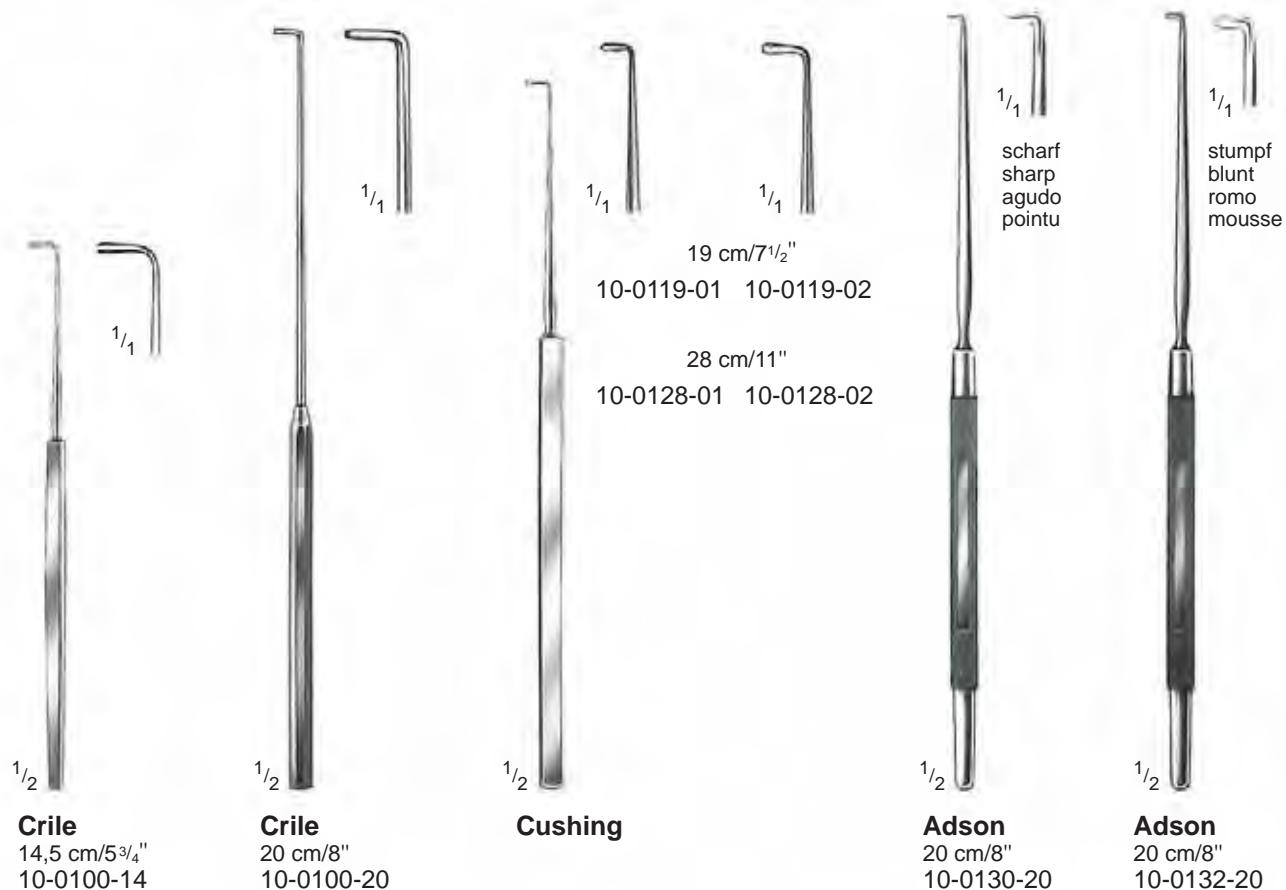
Ganchitos y ganchos para piel

Crochets très fins et crochets dermatologiques



هوک عصب - هوک ظریف تکشاخ

Feine Wund- und Nervhäkchen
Fine Wound and Nerve Hooks
Ganchitos y ganchos para nervios
Crochets très fins et crochets à nerfs



10
A

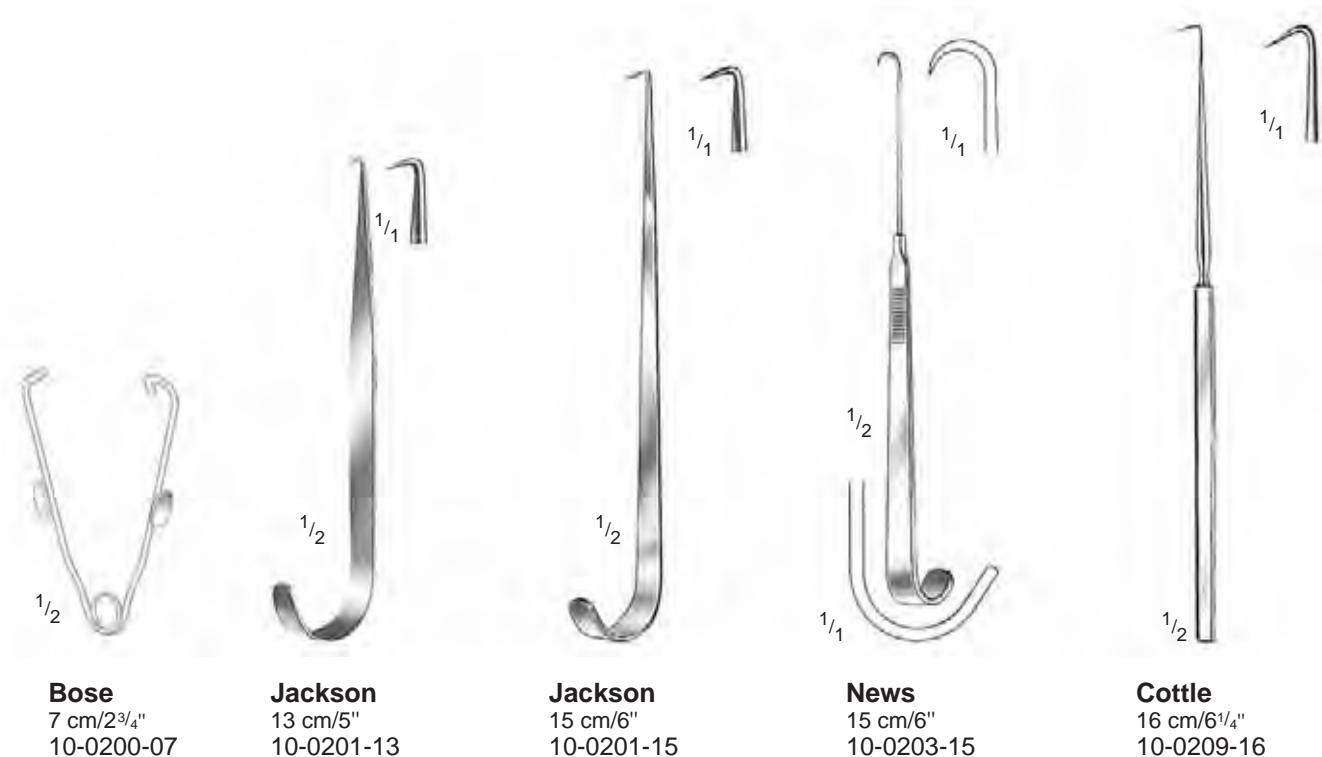
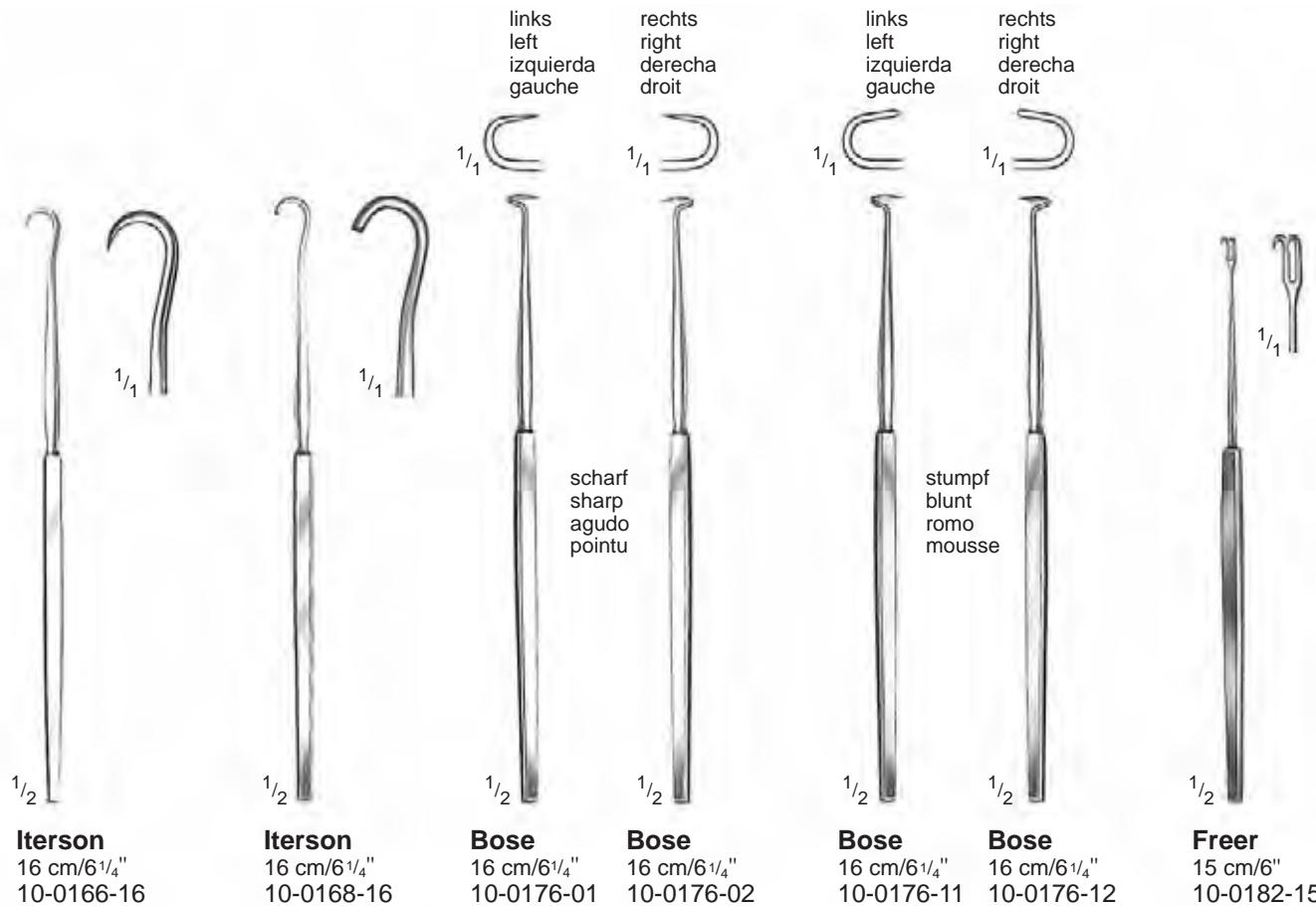
ھوك تراكتومي - ھوك ناي

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



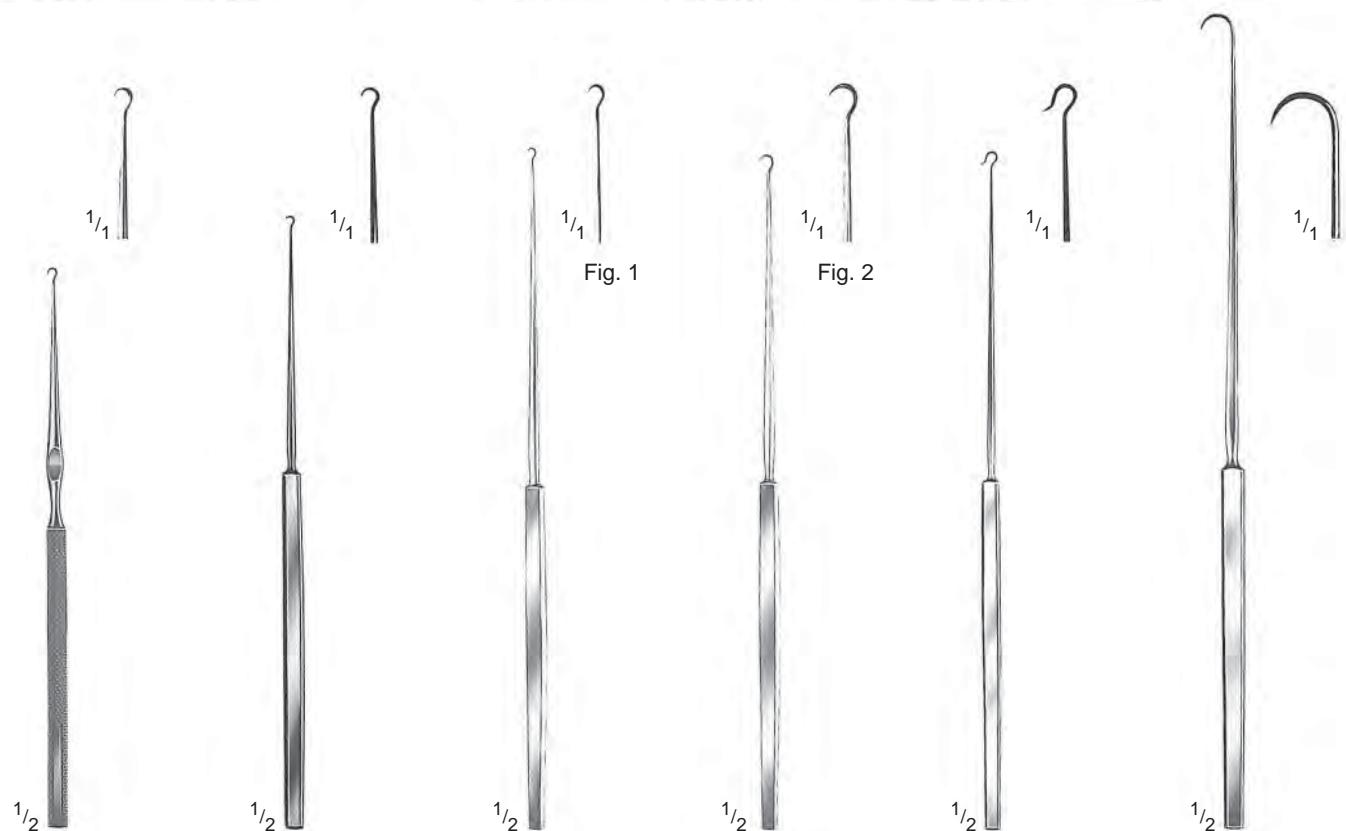
هوک گوش - هوک نای

Wund-und Trachealhäkchen, ohrhähchen

Wound and Trachea Retractors, Ear Hooklets

Ganchos y Separadores para la tráquea, ganchitos auriculares

Crochets à plaies et crochets à trachée, crochets auriculaires



Kilner (Barsky)
15 cm/6"
10-0240-15

Hartmann
16 cm/6 1/2"
10-0244-16

Gillies
18 cm/7"
10-0248-01

Gillies
18 cm/7"
10-0248-02

Gillies
18 cm/7"
10-0248-52

Sachs
21 cm/8 1/4"
10-0260-21

10
A



هوک فیستول - هوک ظریف پوستی
Fistelhaken und feine Hauthäkchen
Fistula- and fine Skin Hooks
Ganchos y ganchitos para fistulas
Crochets à fistules et crochets dermatologiques



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



10-0300-04



10-0300-05



10-0300-03



Simon
22 cm/8 $\frac{3}{4}$ "
10-0322-01



Simon
22 cm/8 $\frac{3}{4}$ "
10-0322-02

Irishäkchen
Iris Hooks
Ganchos para iris
Crochets à iris

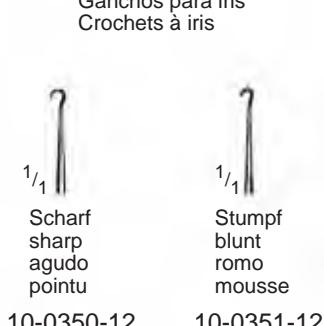
Fixier-Doppelhäkchen
Fixation Hooks, double
Ganchos fijadores, dobles
Crochets doubles à fixation



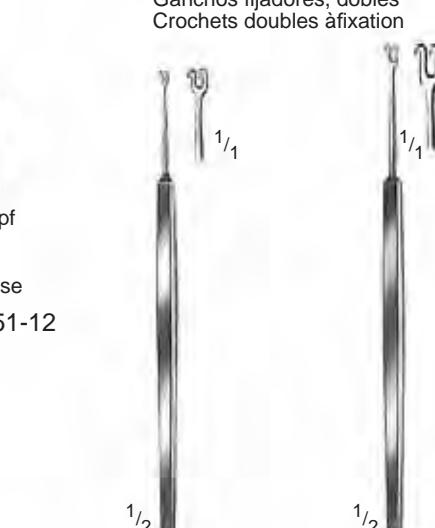
Bergmann
14 cm/5 $\frac{1}{2}$ "
10-0344-07



Graefe (Tyrell)
12 cm/4 $\frac{3}{4}$ "



10-0350-12 10-0351-12



Guthrie
12 cm/4 $\frac{3}{4}$ "
10-0362-01



Guthrie
13 cm/5"
10-0363-02

هوک گوش - هوک عصب

Feine Wund- und Nervhäkchen, Ohrhähkchen

Fine Wound and Nerve Hooks, Ear Hooklets

Ganchitos y ganchos para nervios, ganchitos auriculares

Crochets très fins et crochets à nerfs, Crochets auriculaires



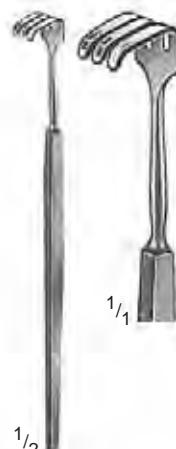
Knapp
13 cm/5"
10-0365-13



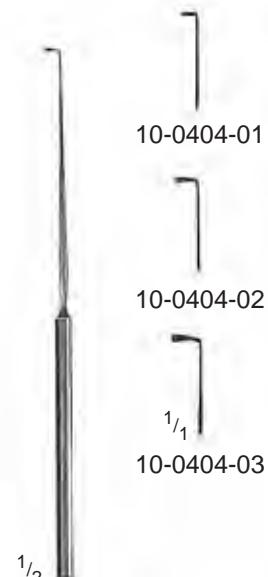
Rollet
12,5 cm/4 3/4"
10-0368-02



Rollet (Blair)
13,5 cm/5"
10-0368-04



Paul
12,5 cm/4 3/4"
10-0372-03



Lucae
14 cm/5 1/2"

10-0404-01

10-0404-02

10-0404-03



Wagener
14 cm/5 1/2"

Fig. 1
10-0414-01



Fig. 2
10-0414-02

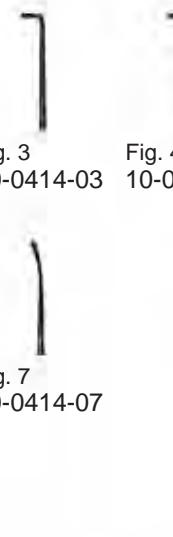


Fig. 3
10-0414-03



Fig. 4
10-0414-04

Fig. 5
10-0414-05



Day
16 cm/6 1/2"

10-0426-01
10-0426-02



Allport
16 cm/6 1/2"
10-0428-16



Yankauer
15 cm/6"
10-0432-15

10
A



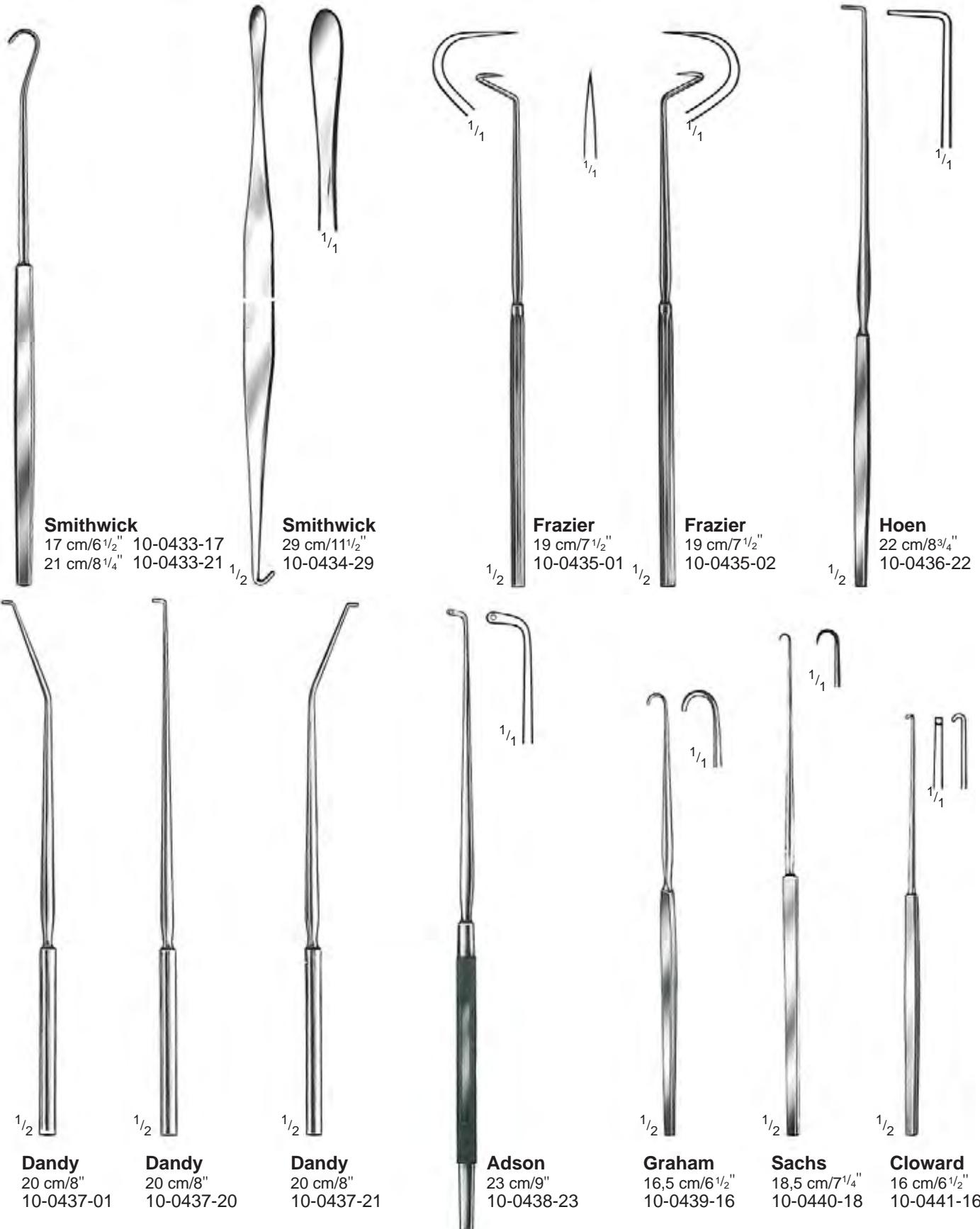
هوک دورا - هوک عصب

Nervenhaken, Durahaken

Nerve Hooks, Dura Hooks

Ganchos para nervios, ganchos para dura-madre

Crochets à nerfs, crochets pour dure-mère



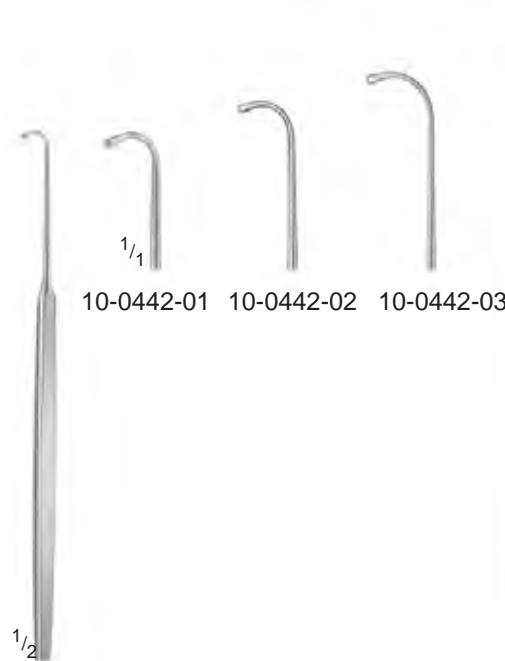
انواع هوك تک شاخ و دوشاخ

Wundhäkchen

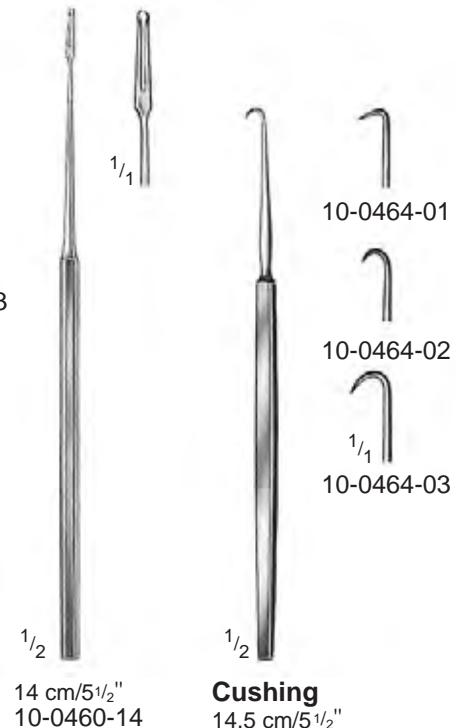
Retractors

Separadores

Ecarteurs

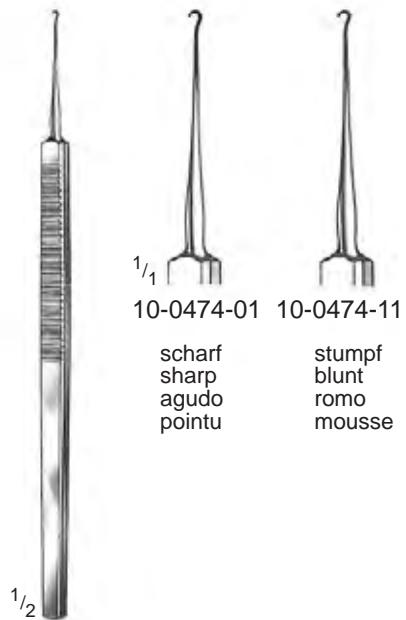


Graefe
14 cm/5½"



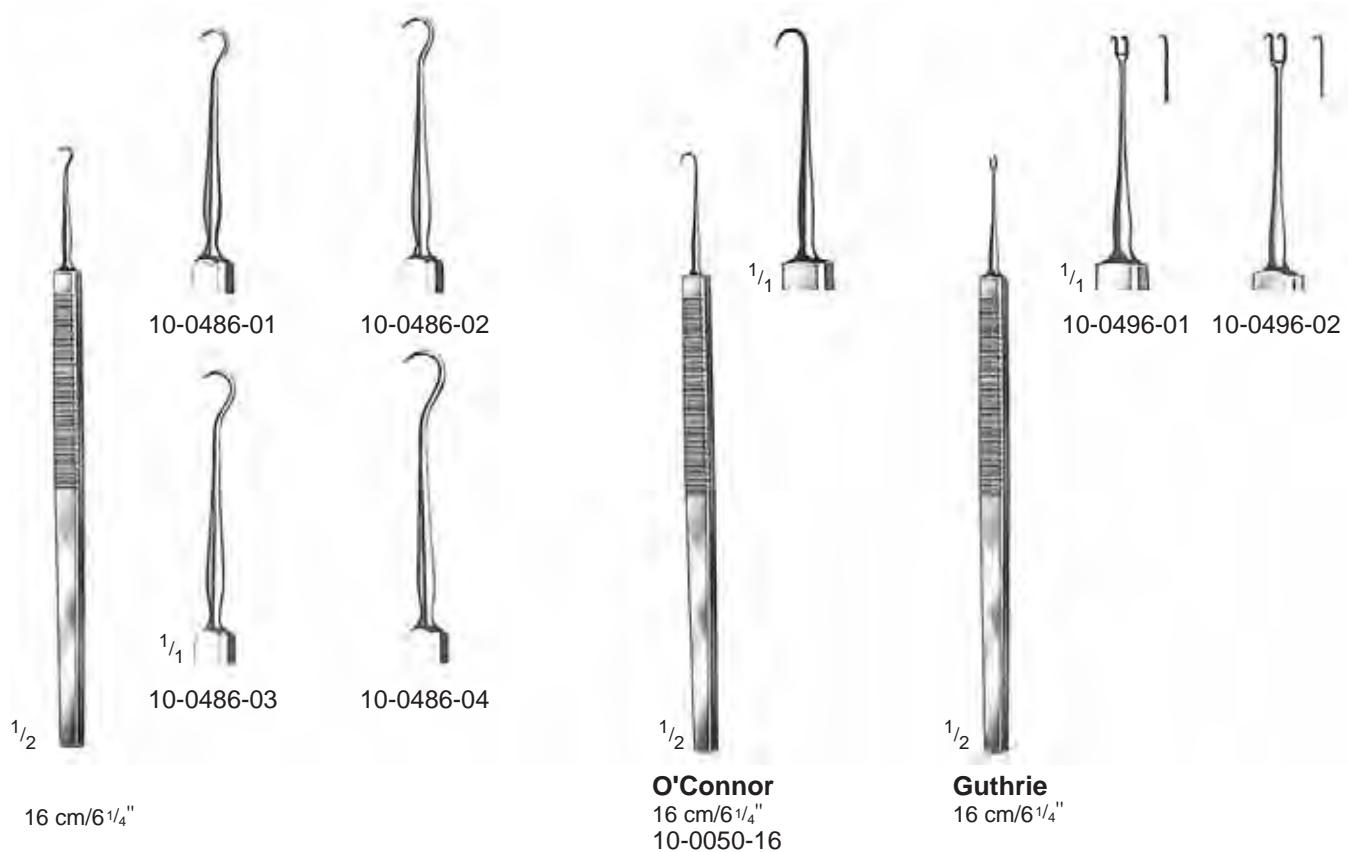
14 cm/5½"
10-0460-14

Cushing
14,5 cm/5½"



Graefe
16 cm/6¼"

1/1
1/1
1/1
1/1
scharf
sharp
agudo
pointu
blunt
romo
mousse



16 cm/6¼"

O'Connor
16 cm/6¼"
10-0050-16

Guthrie
16 cm/6¼"

10
A



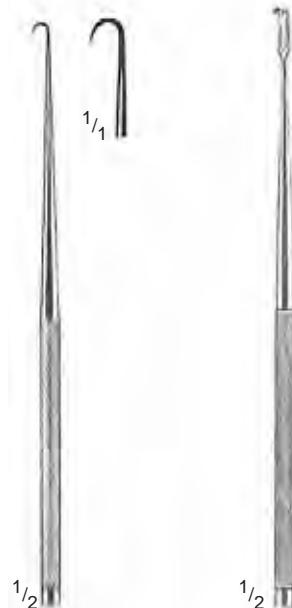
انواع اکارتور هوک چنگالی

Feine Wund- und Trachealhähkchen

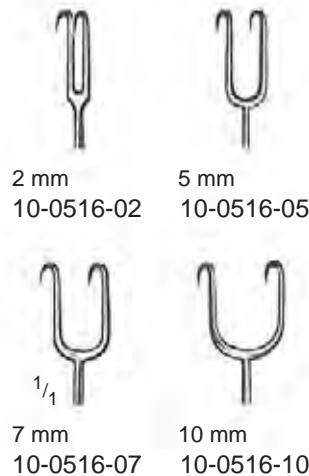
Fine Wound- and Trachea Retractors

Ganchos y separadores para la tráquea

Crochets très fins et crochets à trachée



Joseph
15 cm/6"
10-0515-01



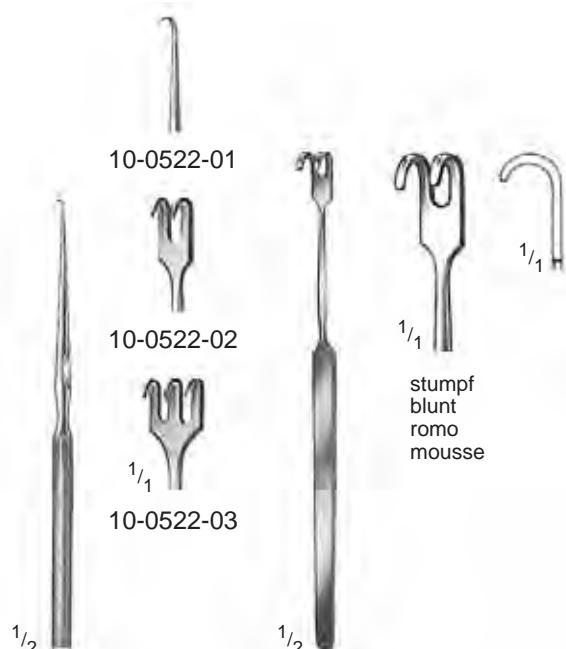
Schleimhauthähkchen
Mucous Hooks
Ganchos para la mucosa
Crochets pour la muqueuse

2 mm
10-0516-02

5 mm
10-0516-05

7 mm
10-0516-07

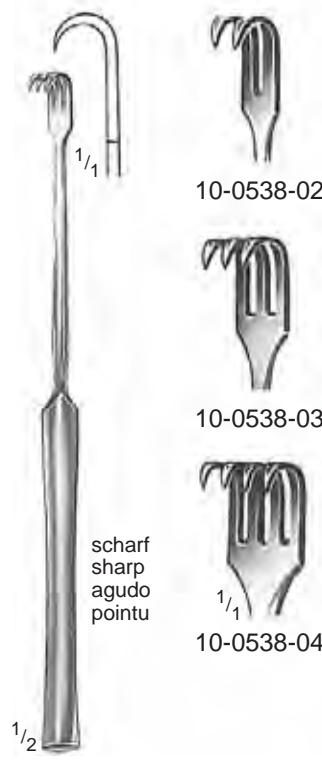
10 mm
10-0516-10



Lahey
12 cm/4 3/4"
10-0522-03

13,5 cm/5 1/4"
10-0533-12

1/1
stumpf
blunt
romo
mousse

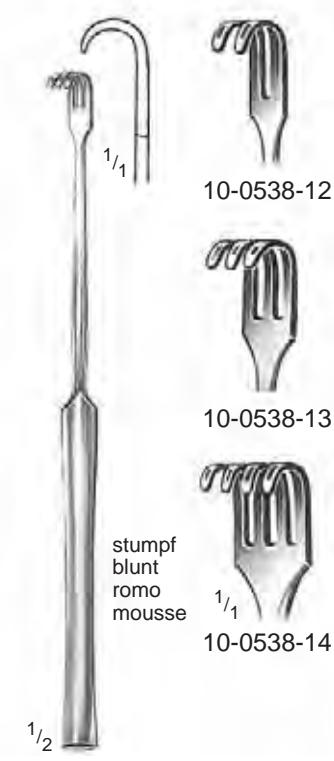


10-0538-02

10-0538-03

scharf
sharp
agudo
pointu

18 cm/7"



10-0538-12

10-0538-13

stumpf
blunt
romo
mousse

10-0538-14

18 cm/7"

10-0546-04

scharf
sharp
agudo
pointu

10-0546-14

stumpf
blunt
romo
mousse

16 cm/6 1/4"

10-0548-04

scharf
sharp
agudo
pointu

10-0548-14

stumpf
blunt
romo
mousse

16 cm/6 1/4"

انواع اکارتور هوک چنگالی

Wund- und Trachealhökchen

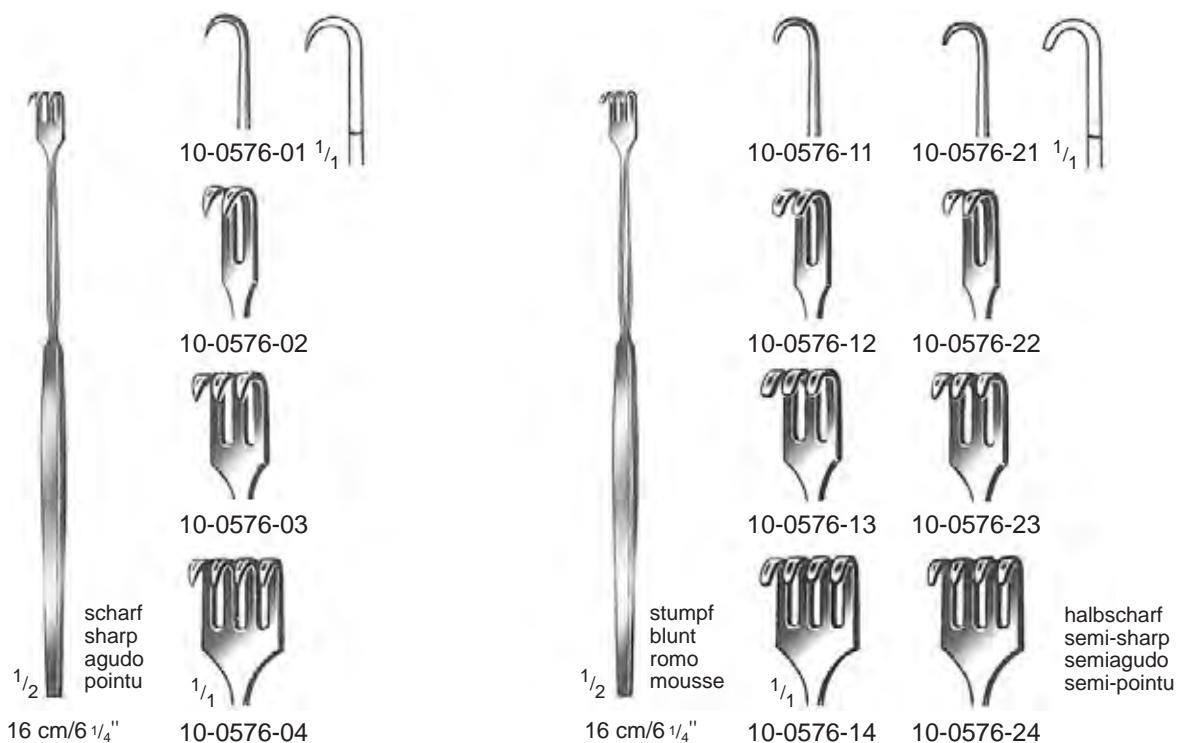
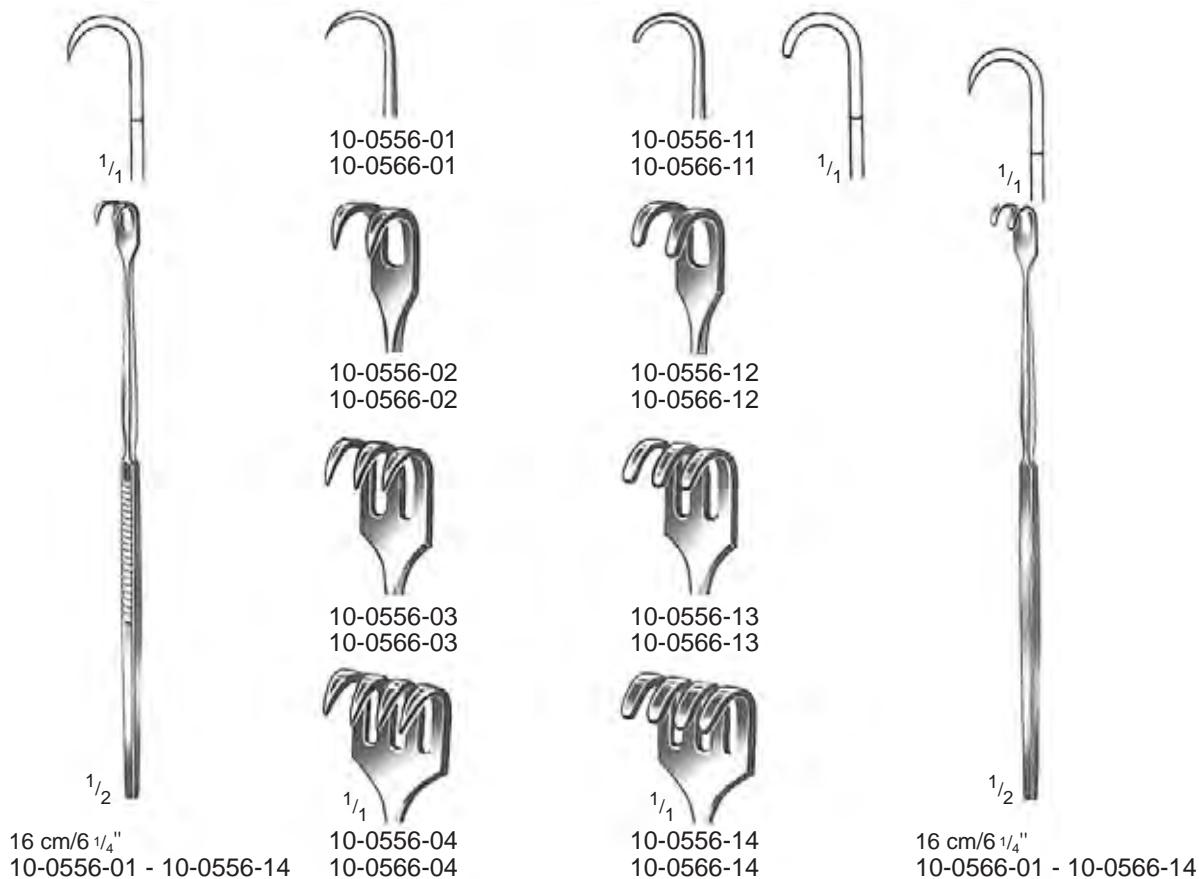
Wound and Trachea Retractors

Separadores y ganchos para la tráquea

Ecarteurs et crochets à trachée



10
A



10
A



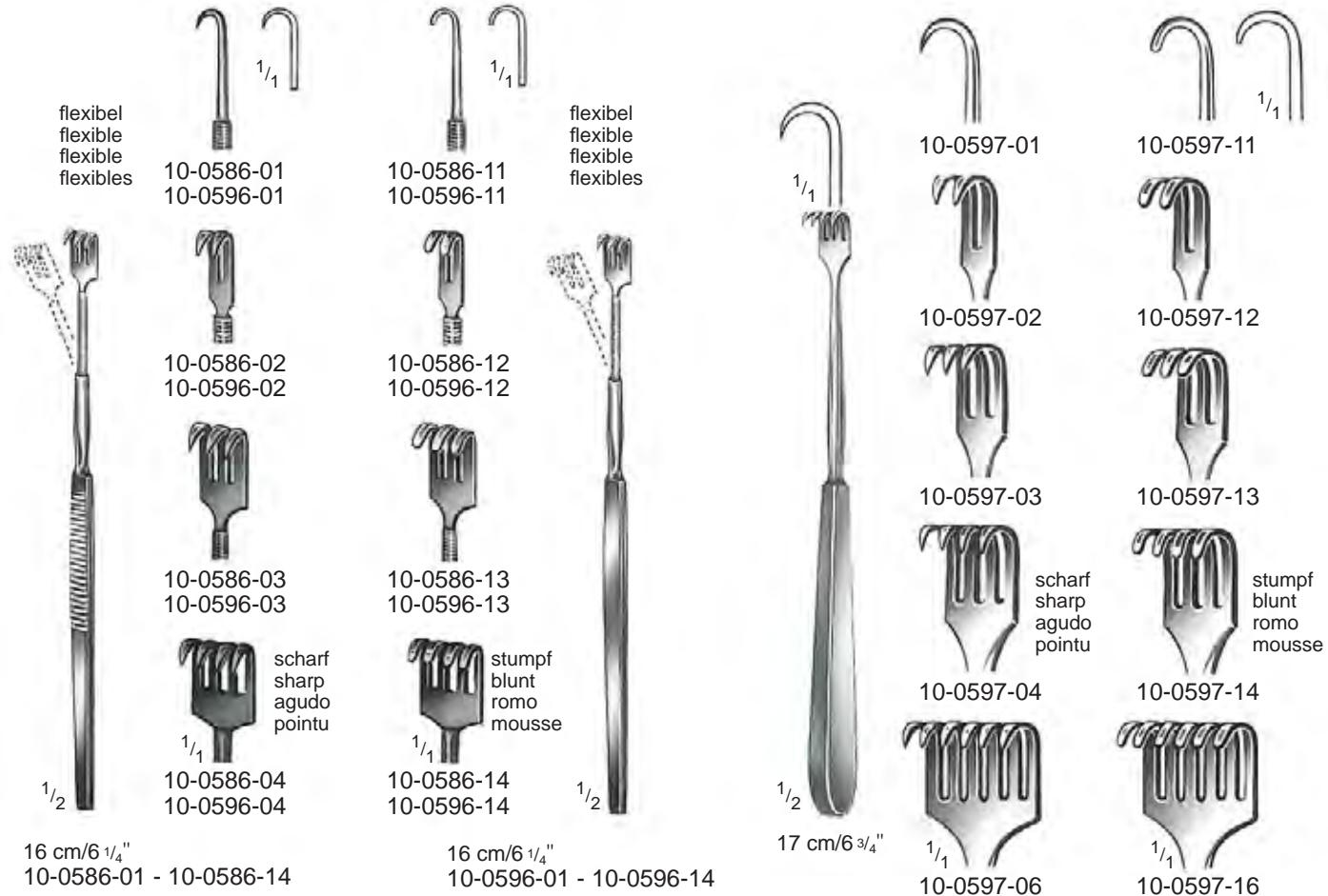
انواع اکارتور هوك چنگالی

Wund- und Trachealhökchen

Wound and Trachea Retractors

Separadores y ganchos para la tráquea

Ecarteurs et crochets à trachée



Volkmann
11,5 cm / 4 1/2"

10-0591-06

10-0591-16

16,5 cm / 6 1/2"

انواع اکارتور دوطرفه

Wundhaken

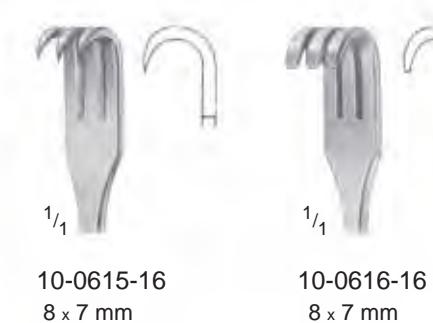
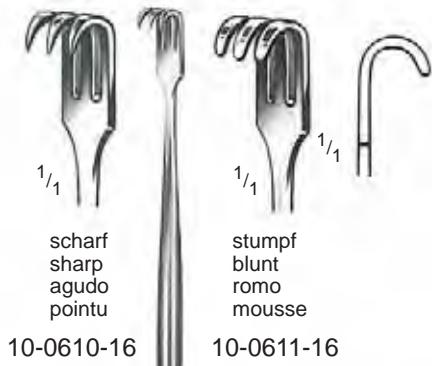
Retractors

Separadores

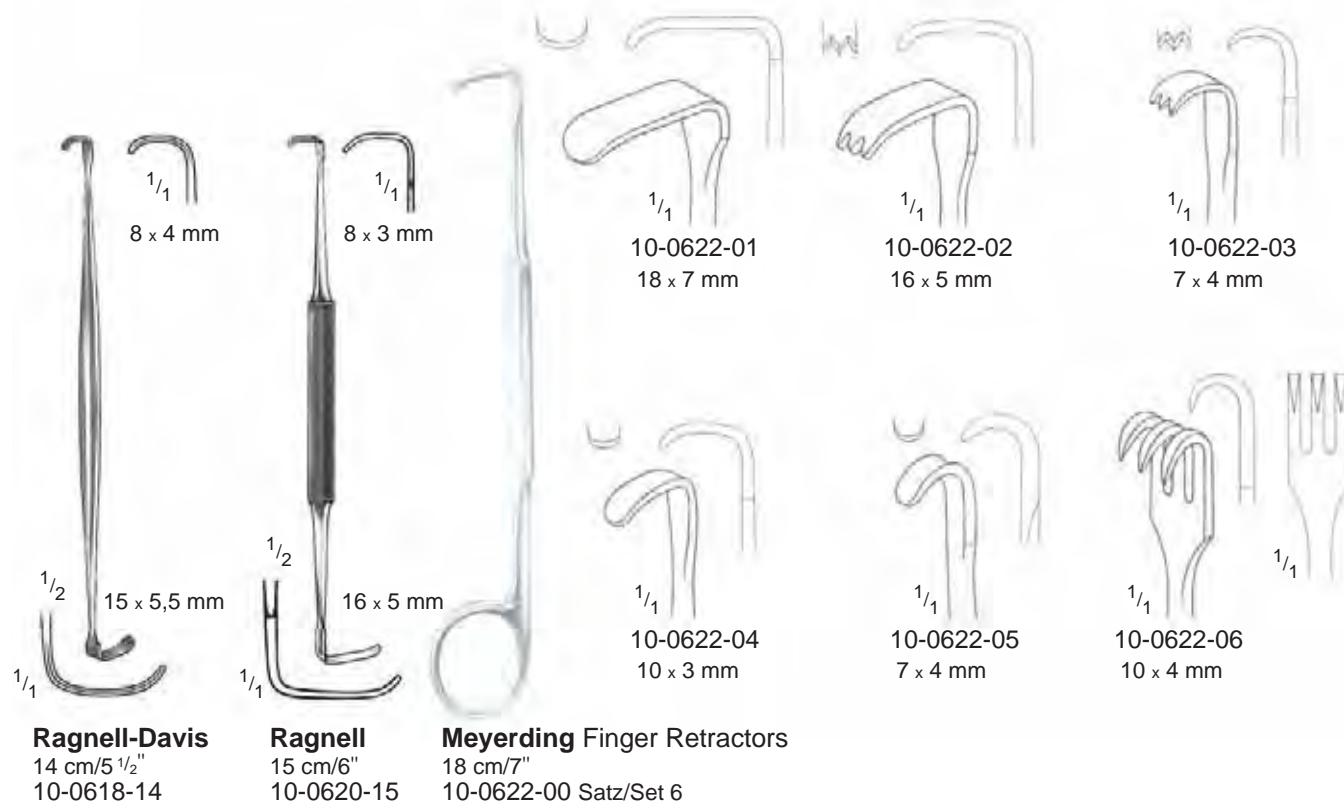
Ecarteurs



10
A



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

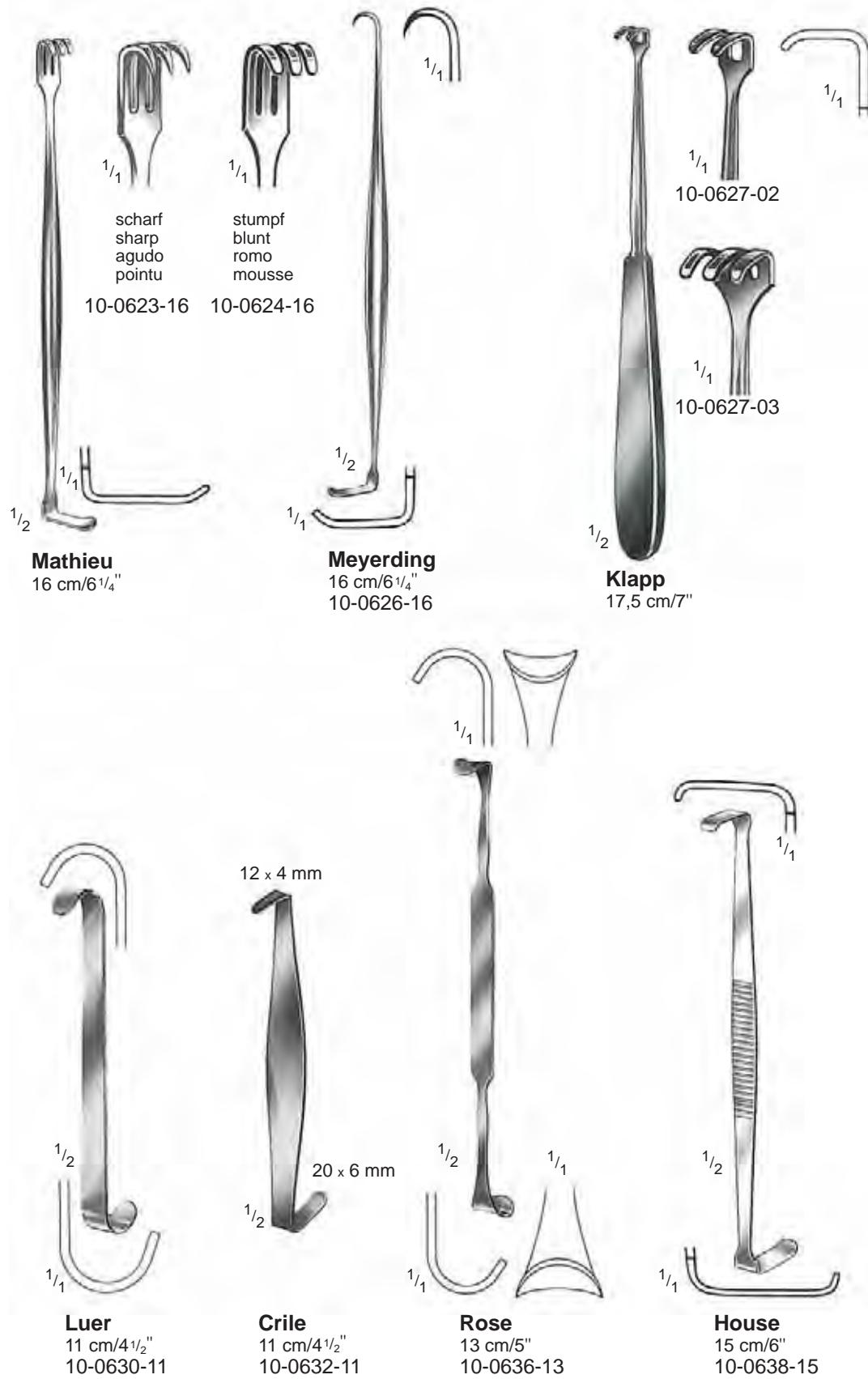


10
A



انواع اکارتور دو طرفه

Wundhaken
Retractors
Separadores
Ecarteurs



أنواع هوك بيني

Nasenflügelhaken

Hooks for posterior nares

Separadores nasales

Crochets pour les ailes du nez



10
A



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



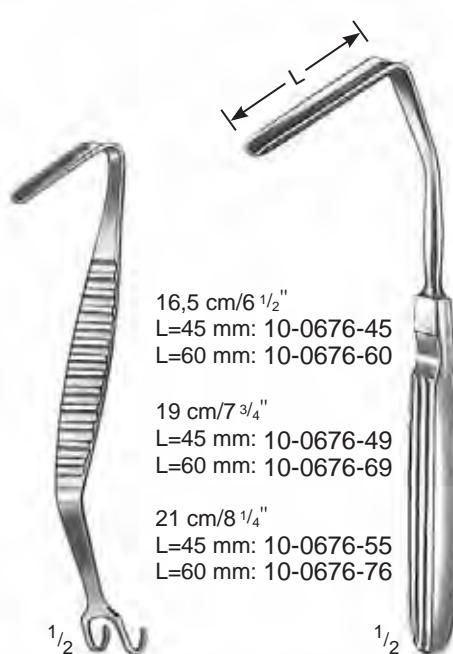
Fomon
17 cm/6 3/4"
10-0664-17



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

10
A



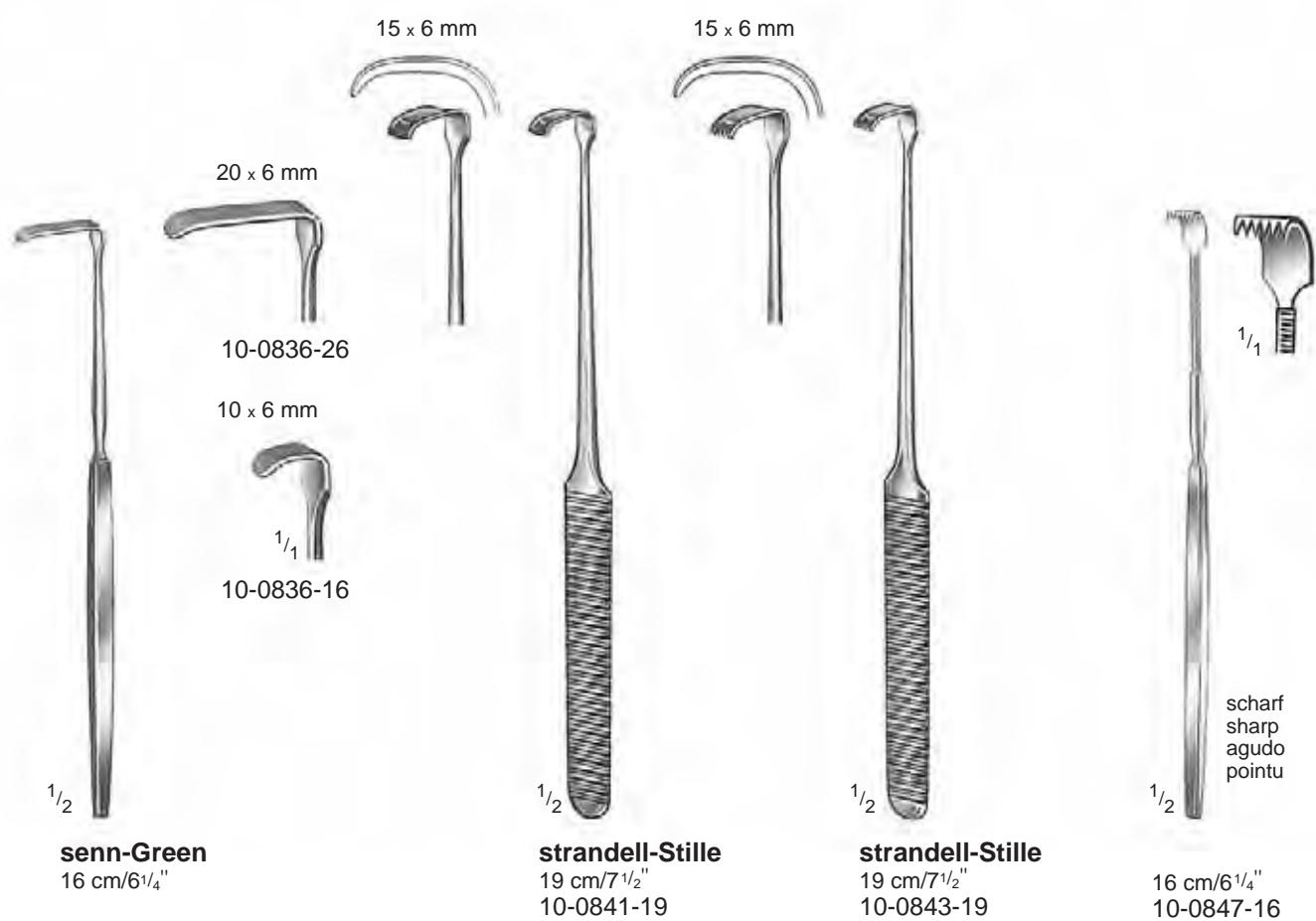
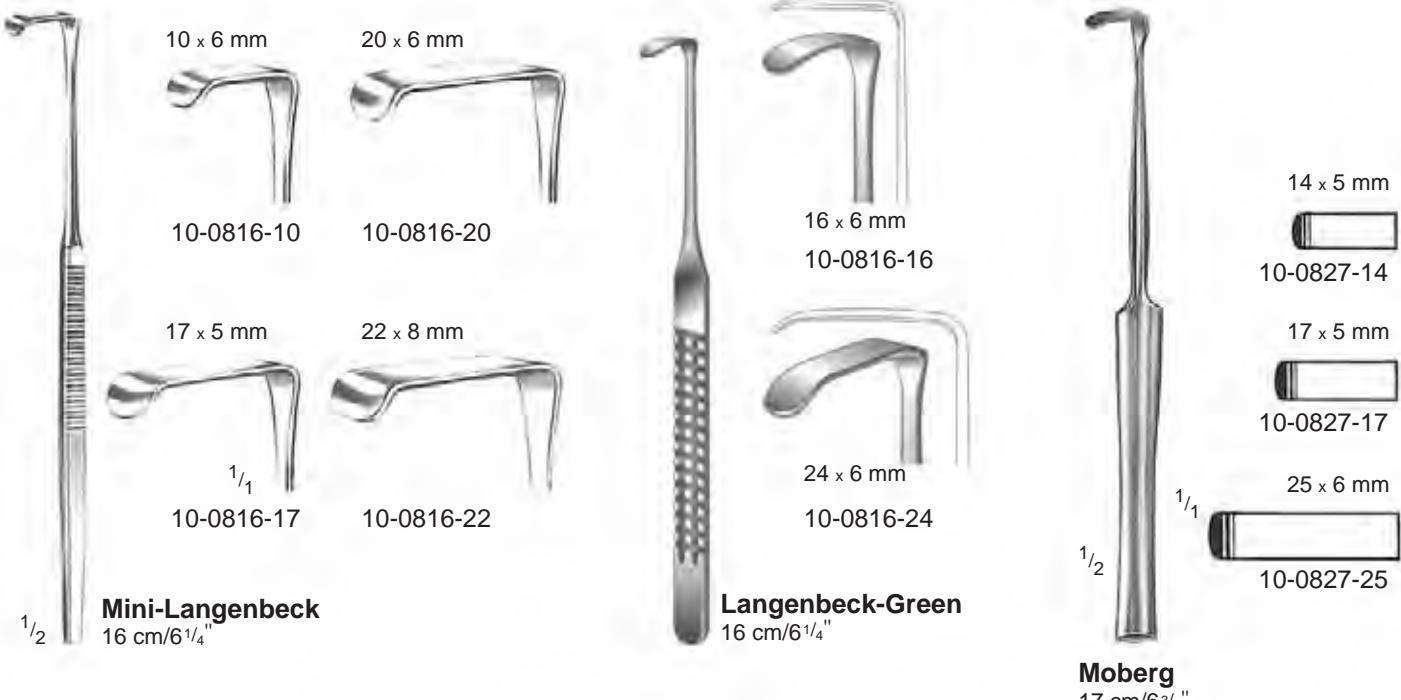
اکارتور نای - انواع اکارتور

Haut-, Wund- und Trachealhökchen

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

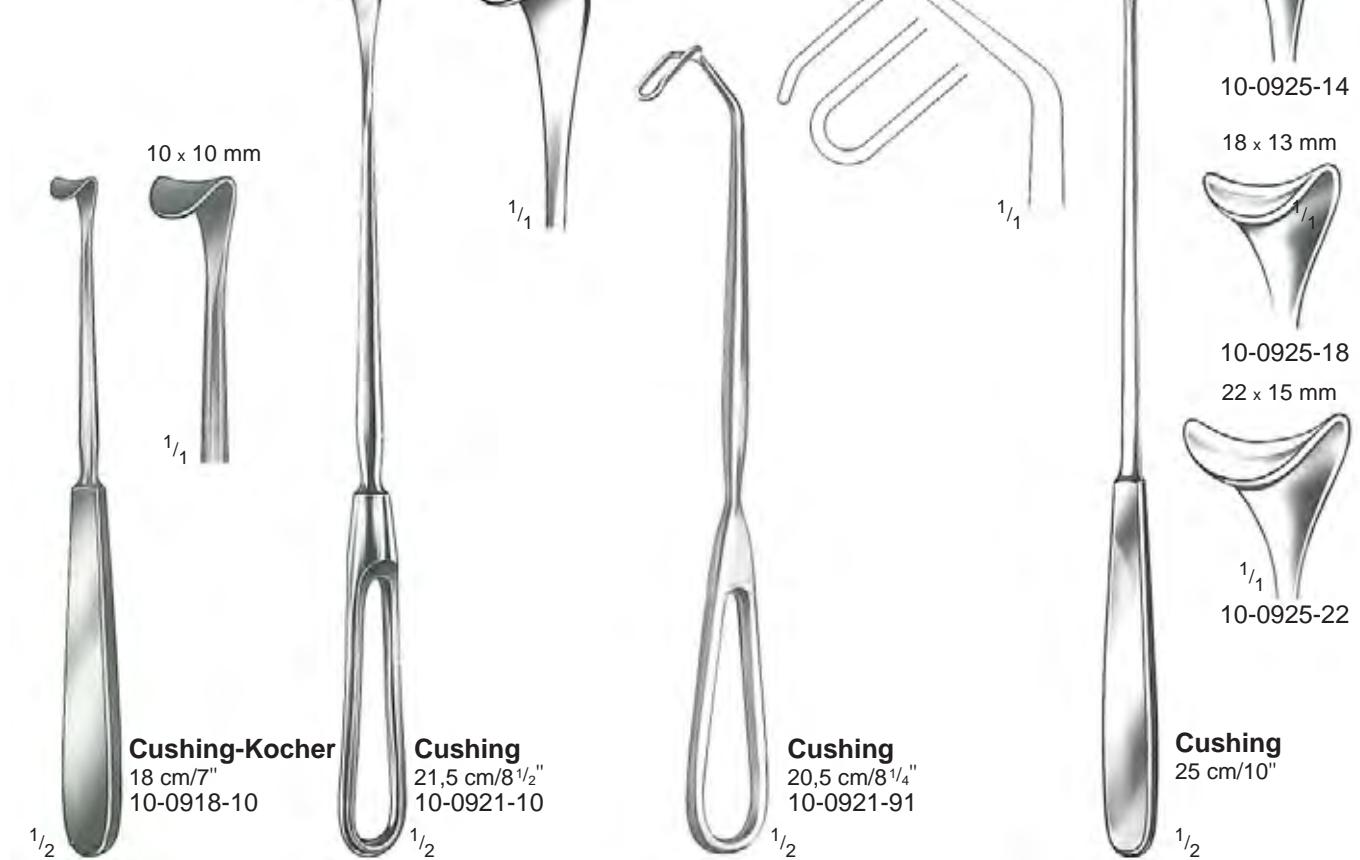


Wund- und Venenhaken

Wound- and Vein Retractors

Ganchos y Separadores para venas

Ecarteurs à veines



10
A



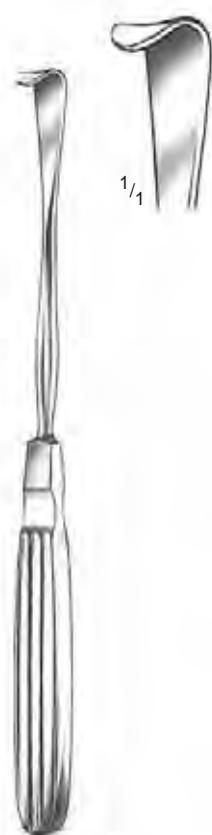
اکارتور کوشینگ

Wund- und Venenhaken

Wound- and Vein Retractors

Ganchos y separadores para venas

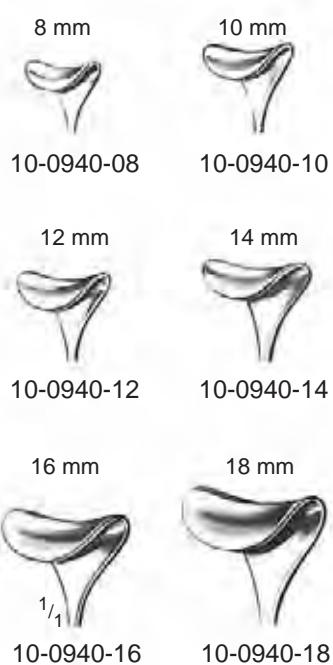
Ecarteurs à veines



Herzfeld
20 cm/8"
10-0930-20



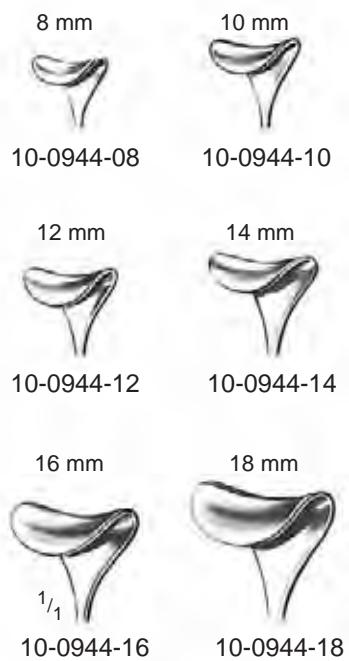
Cushing
20 cm/8"



Cushing
24 cm/9 1/2"



Cushing
24 cm/9 1/2"



10-0944-08



10-0944-10



10-0944-12



10-0944-14



10-0944-16

10-0944-18

اکارتور ریشه عصب

Nervwurzelhaken

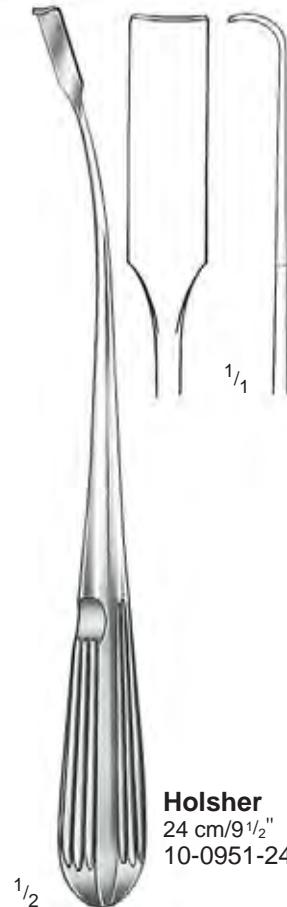
Nerve Root Retractors

Separadores para raiz de nervios

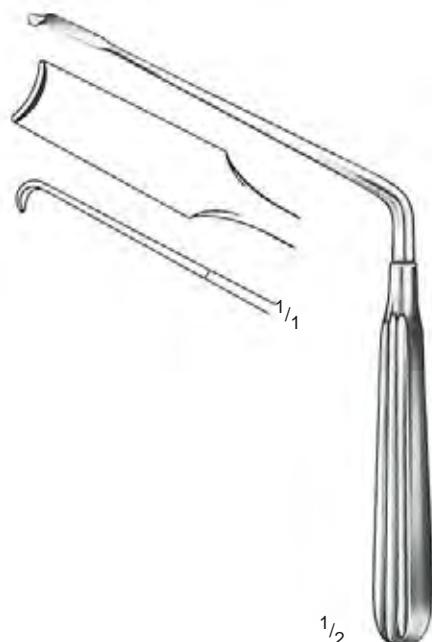
Rétracteurs pour racines nerveuses



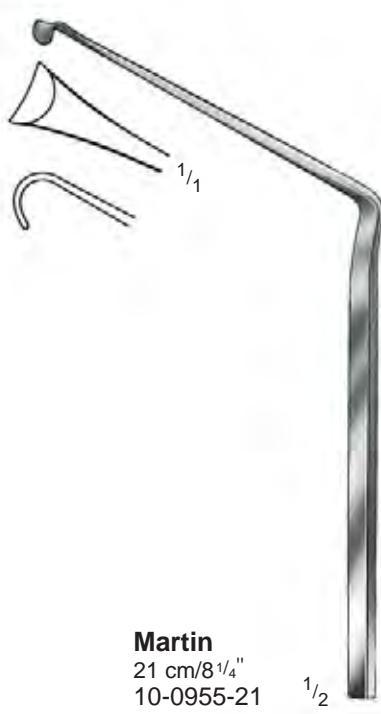
Scoville
23 cm/9"
10-0950-23



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



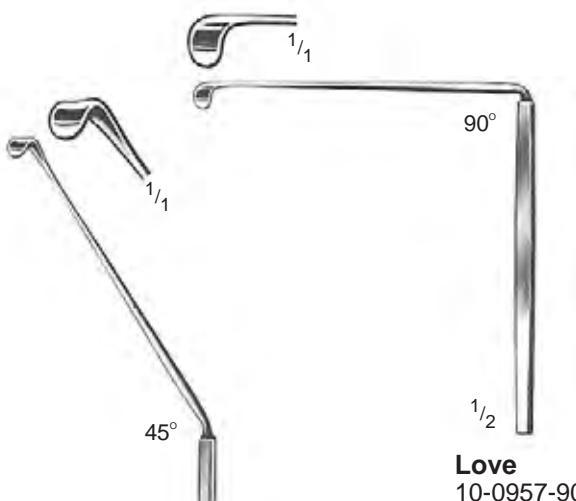
Scoville
20 cm/8"
10-0953-20



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



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



Love
10-0957-90



Love
10-0957-45

10
A



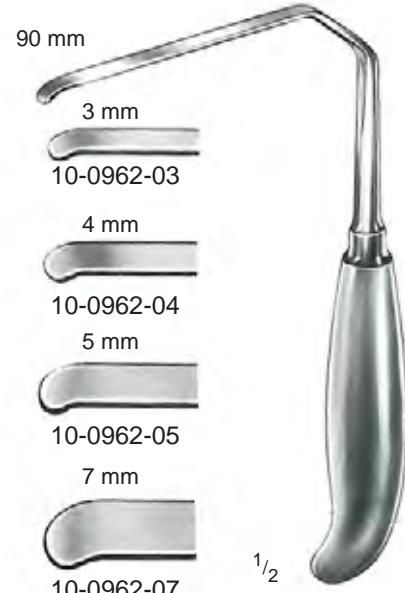
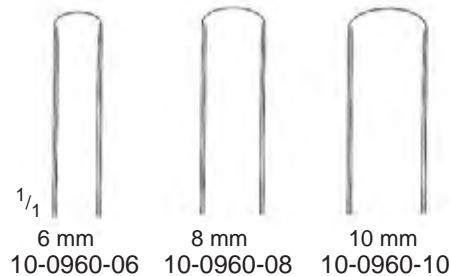
اکارتور ریشه عصب

Nervwurzelhaken

Nerve Root Retractors

Separadores para raiz de nervios

Rétracteurs pour racines nerveuses



Hess
19 cm/7½"

انواع اکارتور چنگالی

Wundhaken

Retractors

Separadores

Ecarteurs



Univer® 10
A

7 x 15 mm



scharf
sharp
agudo
pointu



stumpf
blunt
romo
mousse

10-1021-04
scharf
sharp
agudo
pointu

10-1021-14
stumpf
blunt
romo
mousse



21 cm/8 1/4"



Volkmann
23 cm/9"
10-1023-01



Volkmann
23 cm/9"
10-1023-11



9 x 8 mm
10-1023-02

9 x 13 mm
10-1023-03

9 x 19 mm
10-1023-04

9 x 29 mm
10-1023-06

scharf
sharp
agudo
pointu

10-1023-12

10-1023-13

10-1023-14

10-1023-16

stumpf
blunt
romo
mousse

10-1023-12

10-1023-13

10-1023-14

10-1023-16

halbscharf
semi-sharp
semi-agudo
semi-pointu

10-1023-22

10-1023-23

10-1023-24

10-1023-26

Volkmann
23 cm/9"

10
A



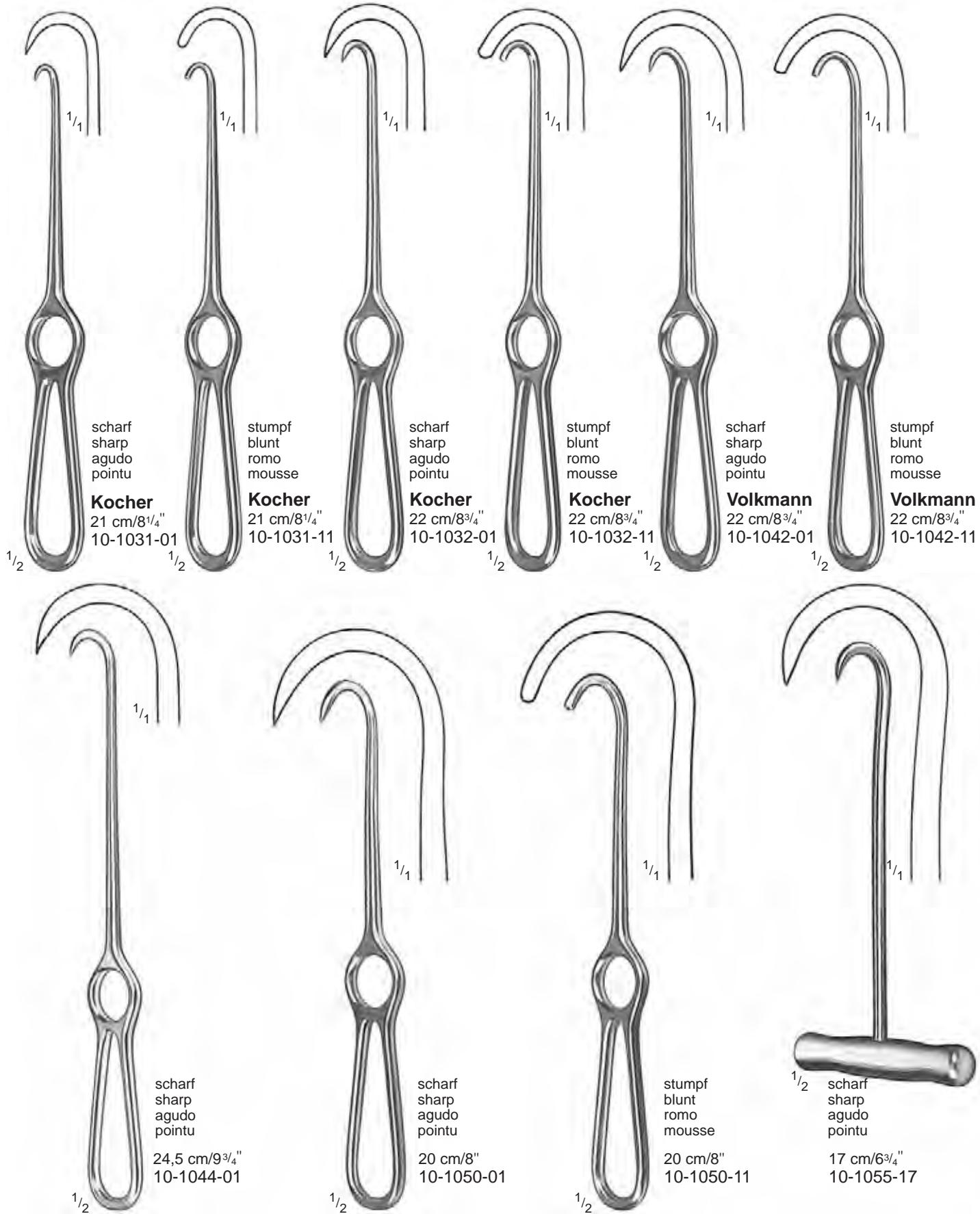
هوك تكشاخ استخوانى

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



Univer®

10
A



scharf
sharp
agudo
pointu

9 x 8 mm

$\frac{1}{2}$
10-1061-02

9 x 13 mm

$\frac{1}{2}$
10-1061-03

9 x 19 mm

$\frac{1}{2}$
10-1061-04

9 x 29 mm

$\frac{1}{2}$
10-1061-06

9 x 40 mm

$\frac{1}{2}$
10-1061-08



stumpf
blunt
romo
mousse

$\frac{1}{2}$
10-1061-12

$\frac{1}{2}$
10-1061-13

$\frac{1}{2}$
10-1061-14

$\frac{1}{2}$
10-1061-16

$\frac{1}{2}$
10-1061-18



halbscharf
semi-sharp
semiagudo
semi-pointu



$\frac{1}{2}$
10-1061-22

$\frac{1}{2}$
10-1061-23

$\frac{1}{2}$
10-1061-24

$\frac{1}{2}$
10-1061-26

$\frac{1}{2}$
10-1061-28

scharf
sharp
agudo
pointu

15 x 10 mm

$\frac{1}{2}$
10-1072-02

15 x 15 mm

$\frac{1}{2}$
10-1072-03

15 x 20 mm

$\frac{1}{2}$
10-1072-04

15 x 30 mm

$\frac{1}{2}$
10-1072-06

15 x 40 mm

$\frac{1}{2}$
10-1072-08



stumpf
blunt
romo
mousse



$\frac{1}{2}$
10-1072-12

$\frac{1}{2}$
10-1072-13

$\frac{1}{2}$
10-1072-14

$\frac{1}{2}$
10-1072-16

$\frac{1}{2}$
10-1072-18



halbscharf
semi-sharp
semiagudo
semi-pointu



$\frac{1}{2}$
10-1072-22

$\frac{1}{2}$
10-1072-23

$\frac{1}{2}$
10-1072-24

$\frac{1}{2}$
10-1072-26

$\frac{1}{2}$
10-1072-28

Volkmann
21,5 cm/8 3/4"

10
A

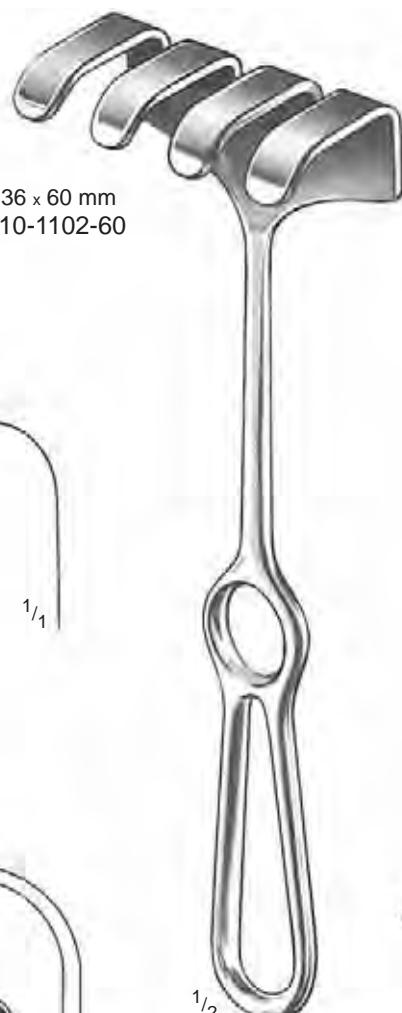


انواع اکارتور چنگالی

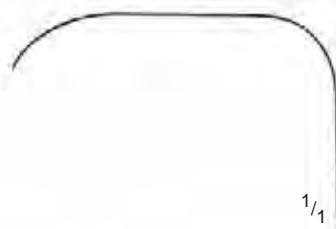
Wundhaken
Retractors
Separadores
Ecarteurs



36 x 30 mm
10-1102-30



36 x 60 mm
10-1102-60



1/1



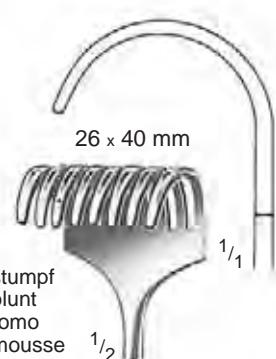
33 x 20 mm

Wassmund
20 cm/8"
10-1106-20



scharf
sharp
agudo
pointu

10-1124-08

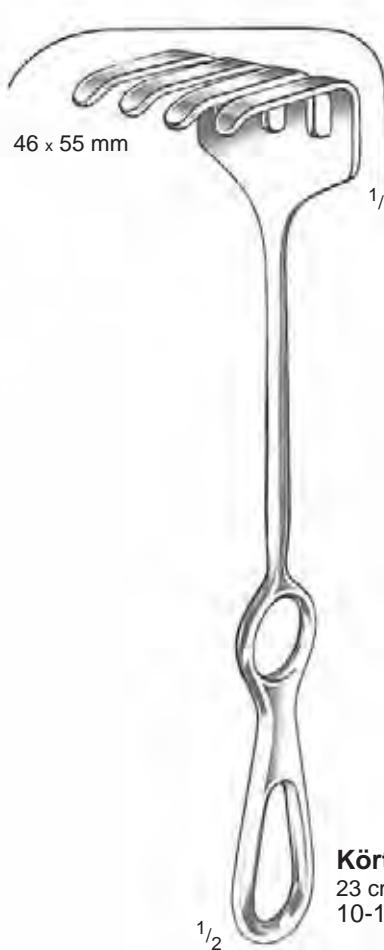


stumpf
blunt
romo
mousse

10-1124-18

Körte
24 cm/9 1/2"

1/2
Ollier
22,5 cm/9"



254

Körte
23 cm/9"
10-1133-55

انواع اکارتور چنگالی

Wundhaken

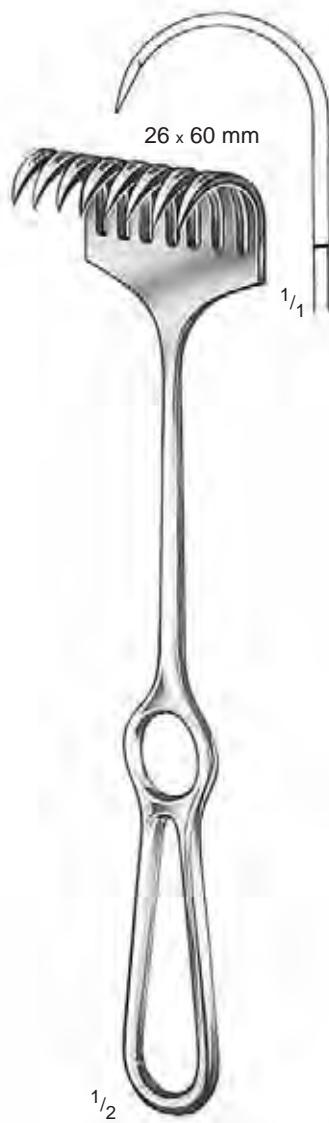
Retractors

Separadores

Ecarteurs



Körte
28 cm/11"
10-1138-40



25 cm/10"
10-1145-08



25 cm/10"
10-1145-16

10
A



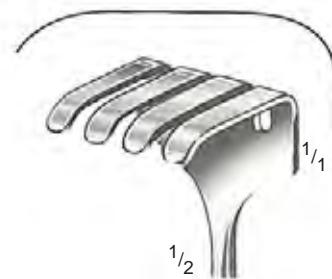
نوع اکارتور چنگالی

Wundhaken
Retractors
Separadores
Ecarteurs



Israel
25 cm/10"

40 x 40 mm



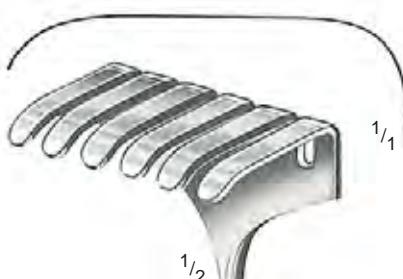
10-1155-40

45 x 50 mm



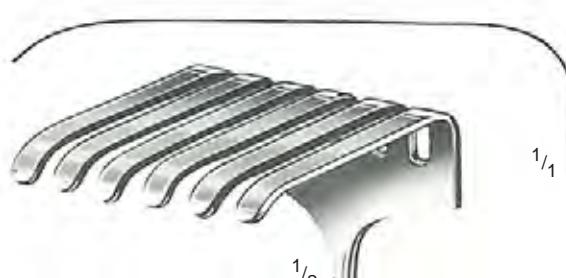
10-1155-50

50 x 60 mm



10-1155-60

70 x 70 mm



10-1155-70

اکاتور لنگن بک

Wundhaken

Retractors

Separadores

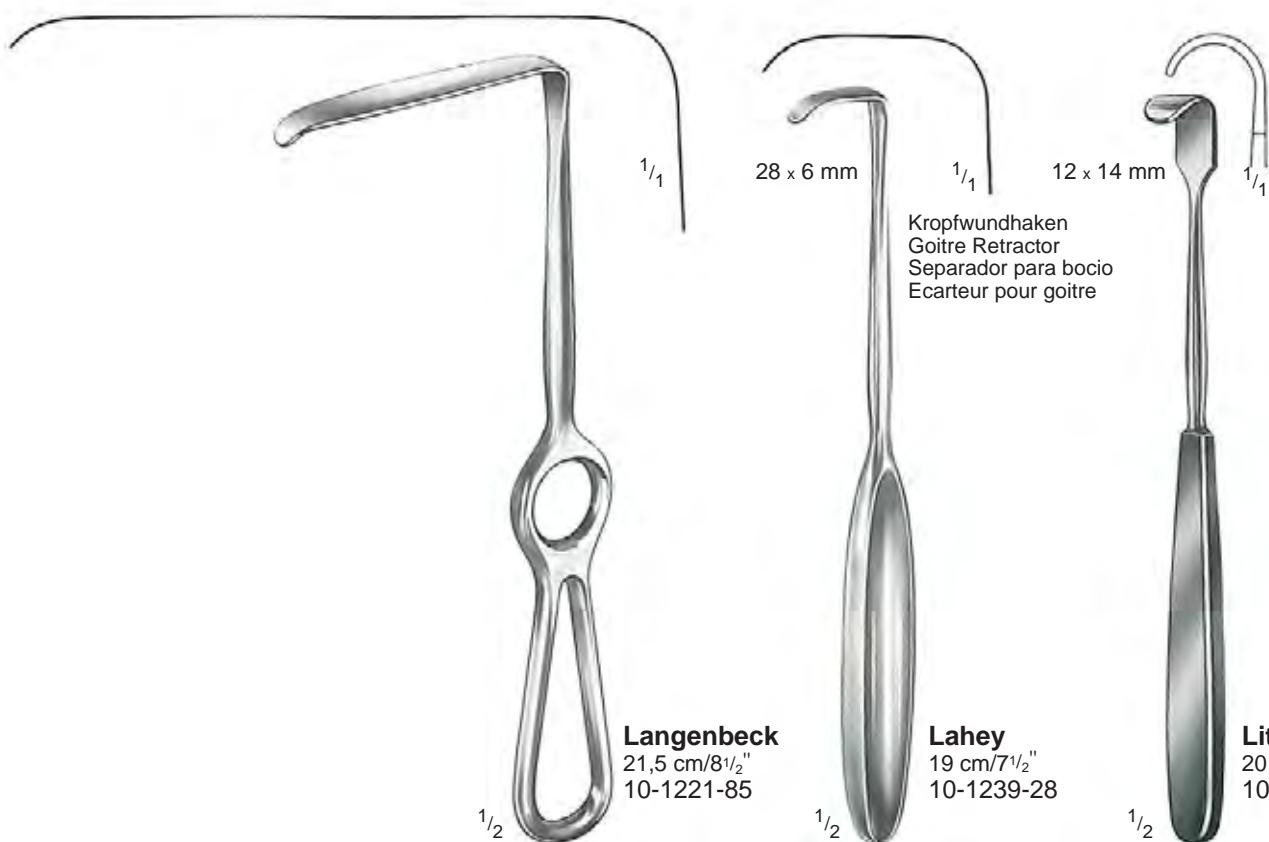
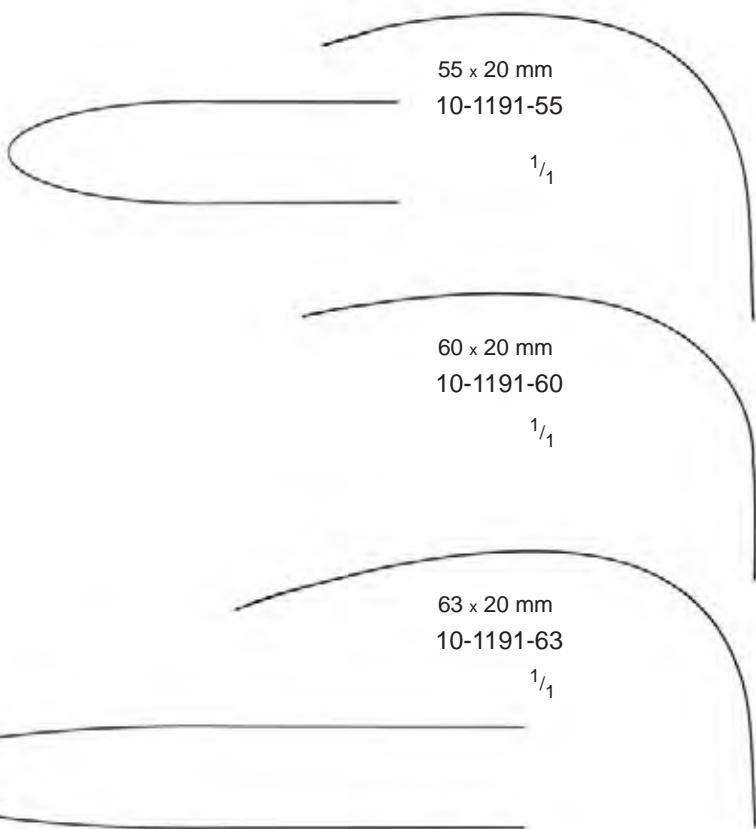
Ecarteurs

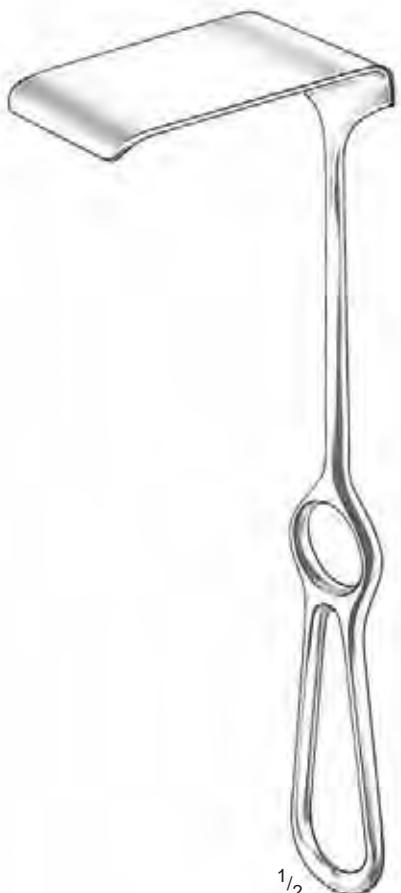


10
A



اکاتور لنگن بک
Wundhaken
Retractors
Separadores
Ecarteurs





Kocher
23 cm/9"

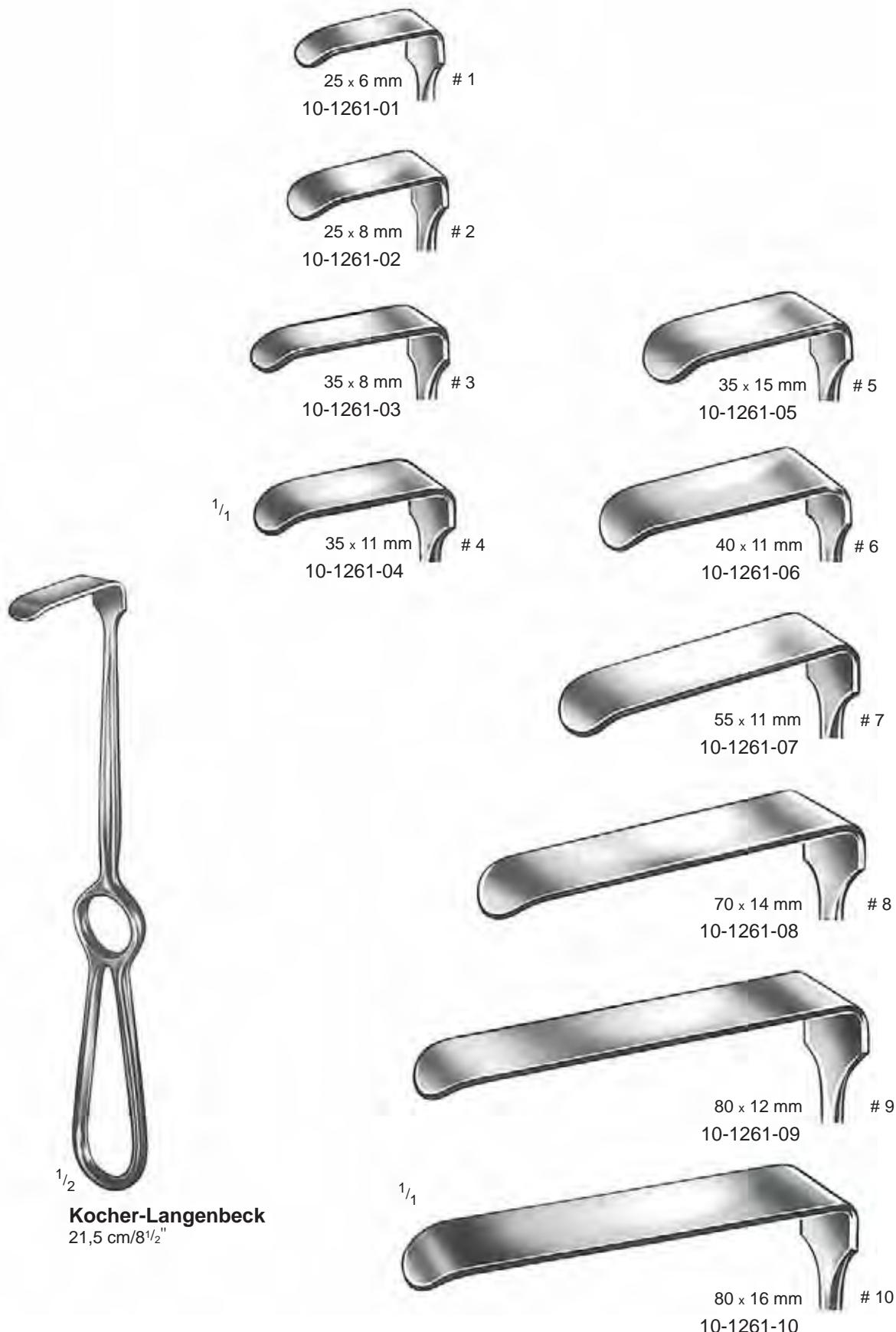
- 43 x 18 mm
10-1253-18 1/1
- 53 x 20 mm
10-1253-20 1/1
- 63 x 25 mm
10-1253-25 1/1
- 77 x 30 mm
10-1253-30 1/1
- 78 x 40 mm
10-1253-40 1/1

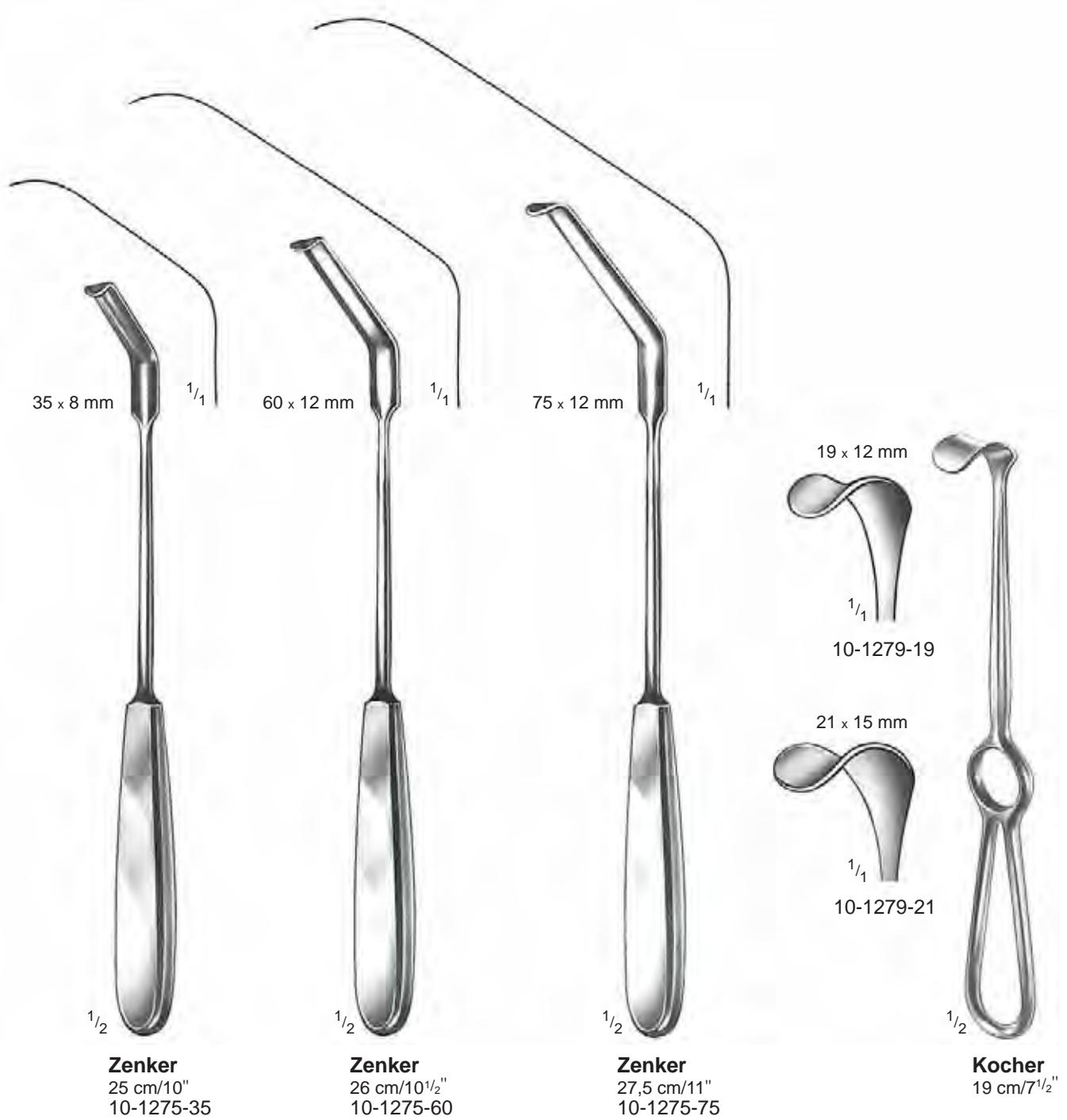
10
A



انواع اکارتور لنگن بک

Wundhaken
Retractors
Separadores
Ecarteurs





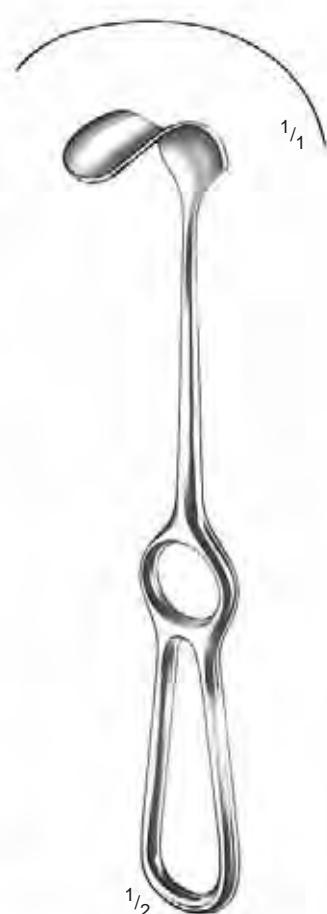
10
A



انواع اکارتور
Wundhaken
Retractors
Separadores
Ecarteurs



20 cm/8"
10-2002-20



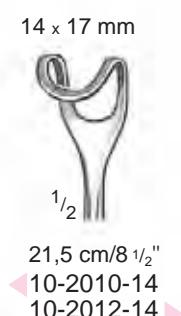
20 x 19 mm

Kocher
22 cm/8 3/4"

10-2006-10 = 40 x 10 mm
10-2006-15 = 40 x 15 mm
10-2006-20 = 40 x 20 mm



Middeldorp
10-2010-##



21,5 cm/8 1/2"
10-2010-14
10-2012-14



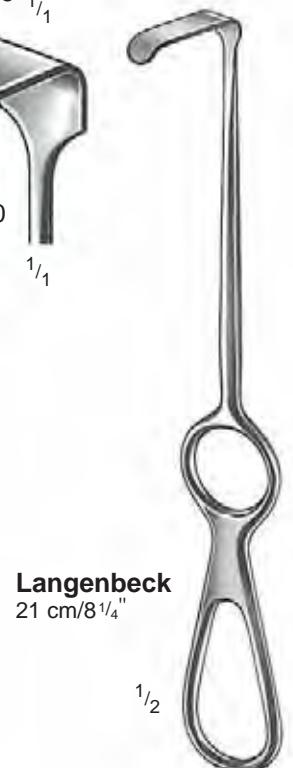
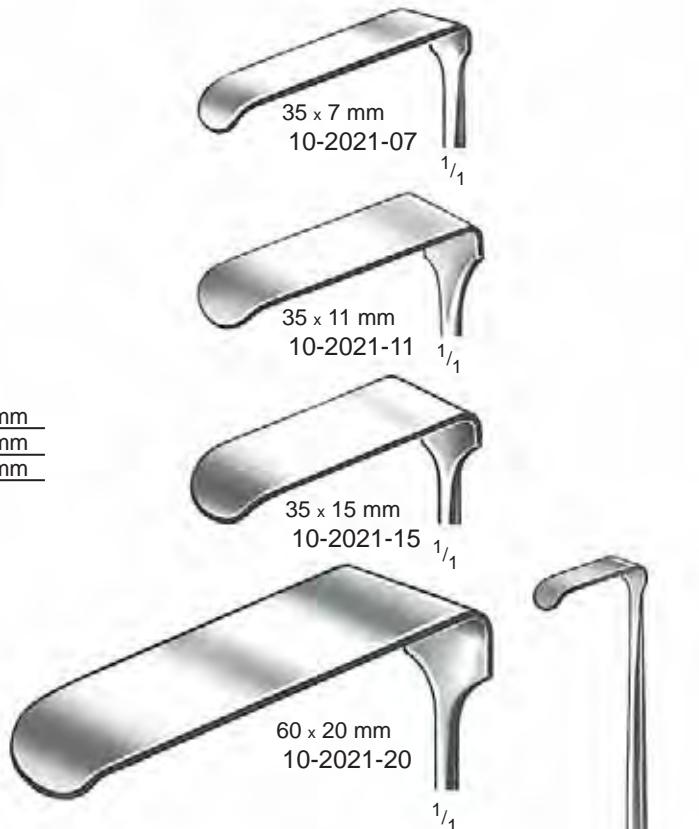
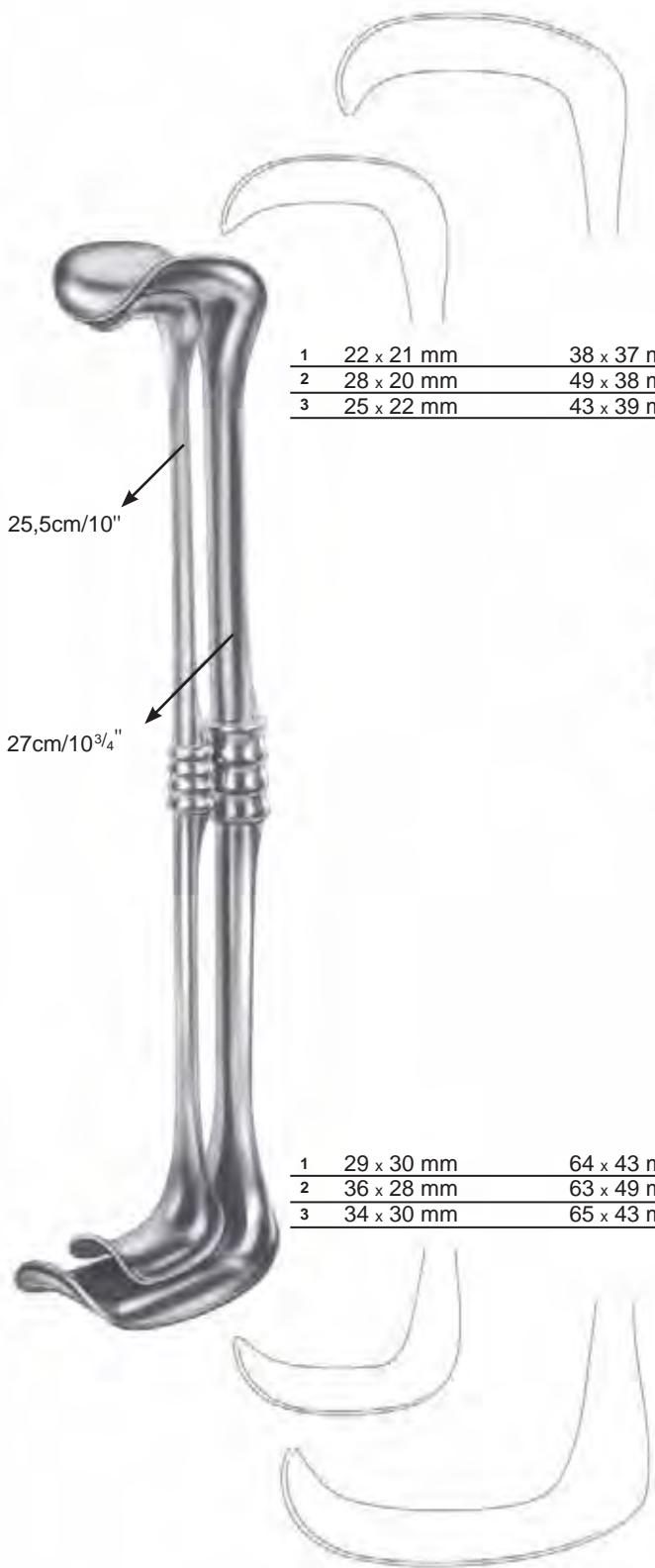
22 cm/8 3/4"
10-2010-20
10-2012-20



23,5 cm/9 1/4"
10-2010-26
10-2012-26



Middeldorp
10-2012-##



Richardson-eastman
27 cm/10 3/4"
 1 10-2018-23
 2 10-2018-25
 3 10-2018-27

10
A



أنواع اكارتور

Wund- und Meniskushaken
Wound and Knee Retractors
Separadores y separadores para rodilla
Ecarteurs et ecarteurs pour genou



Kniewundhaken
Retractors for knee
Separadores para rodilla
Ecarteurs pour le genou

40 x 5 mm



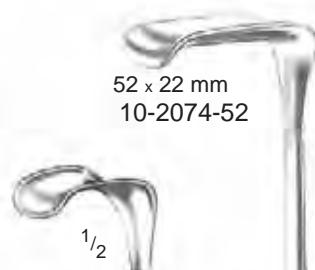
Blount
17,5cm/7"
10-2037-40

1/2



Green
22 cm/8 3/4"
10-2050-22

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

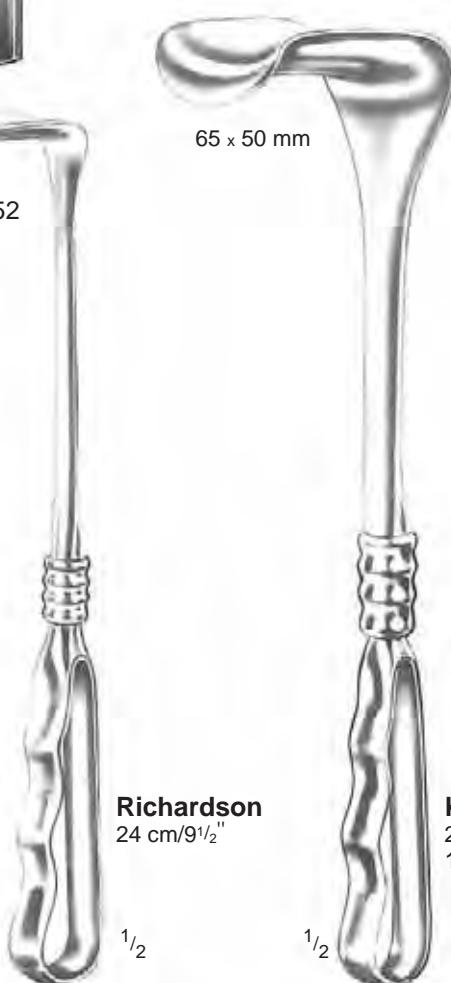


52 x 22 mm
10-2074-52

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/9 1/2"



Richardson
24 cm/9 1/2"

1/2

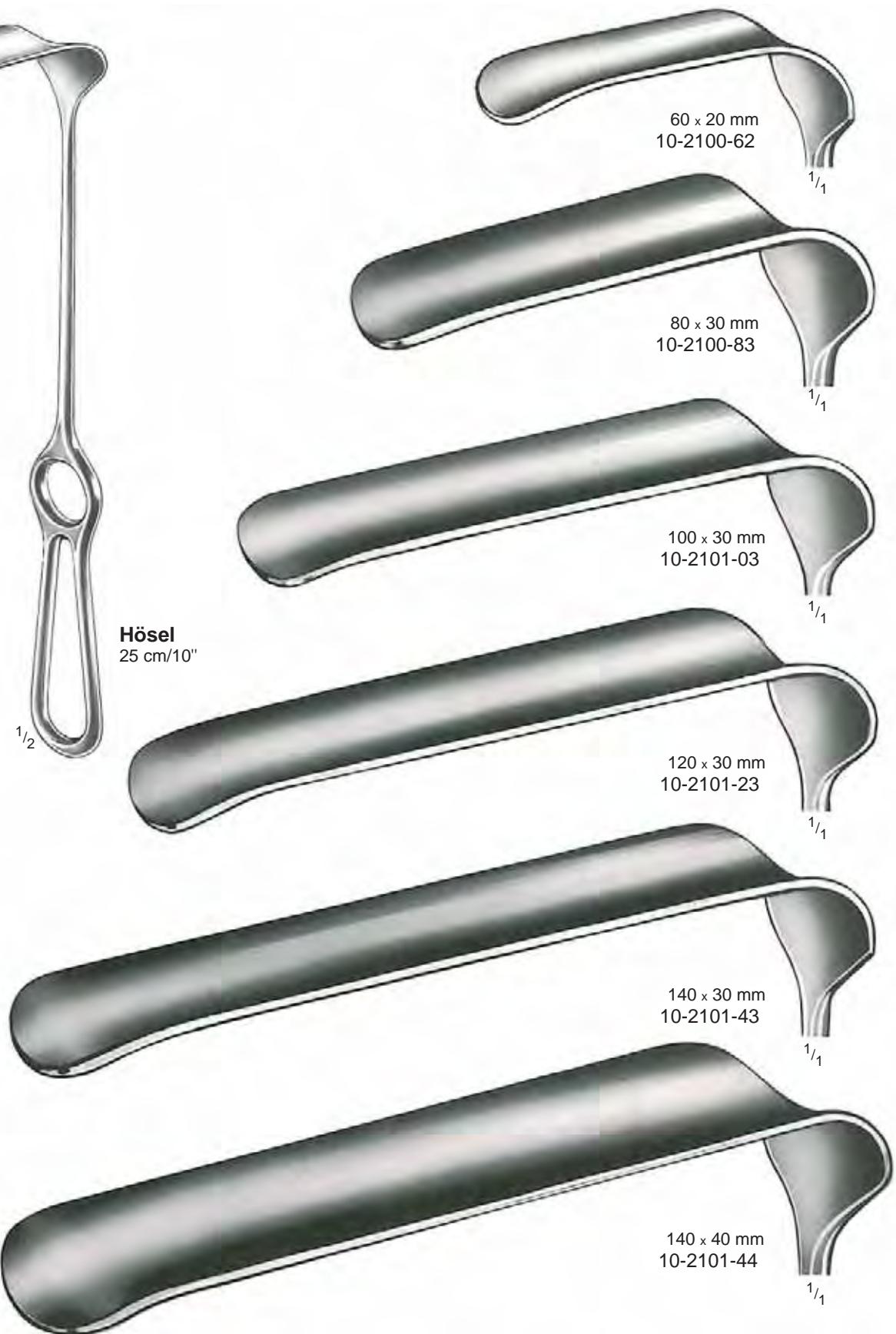
Kelly
26 cm/10 1/4"
10-2076-65



1/2



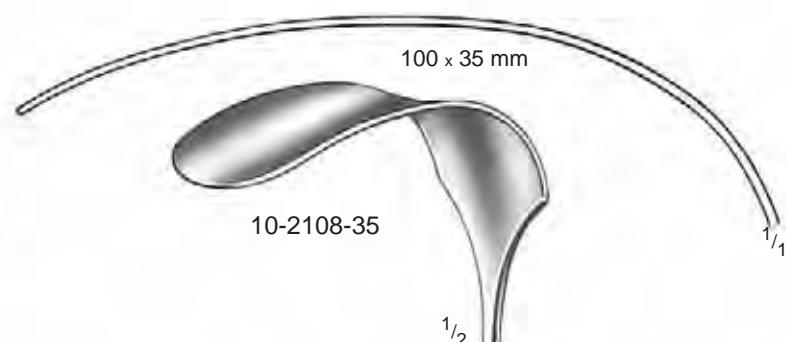
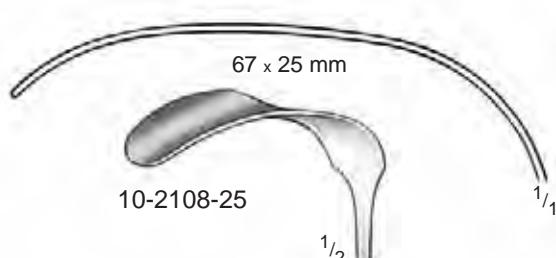
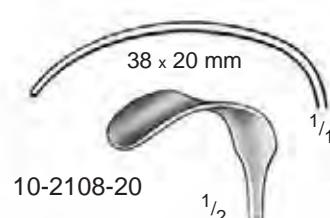
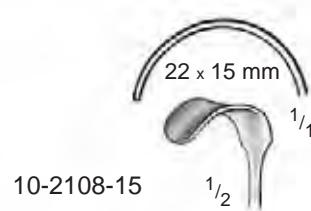
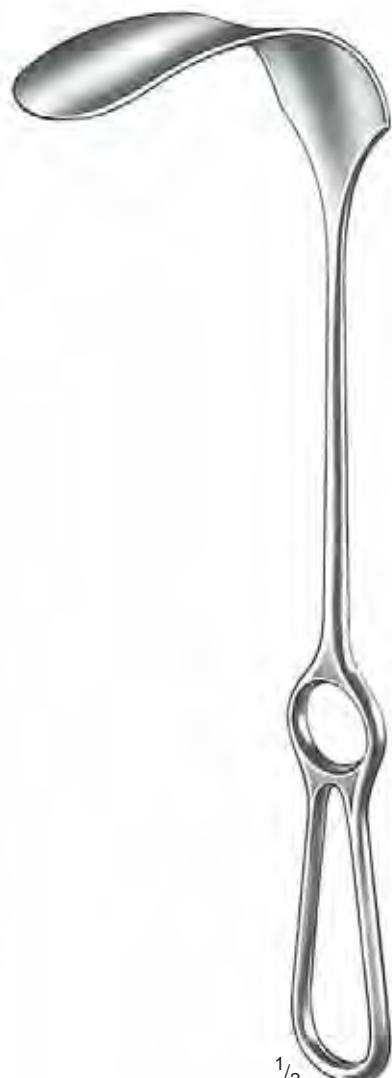
Hösel
25 cm/10"



10
A



انواع اکارتور
Wundhaken
Retractors
Separadores
Ecarteurs



أنواع اكاراتور

Wundhaken und Lungenspatel

Retractors and Lung Spatulas

Separadores y espátulas pulmonares

Ecarteurs et valves à poumon



10
A



Tuffier
23 cm/9"
10-2223-64

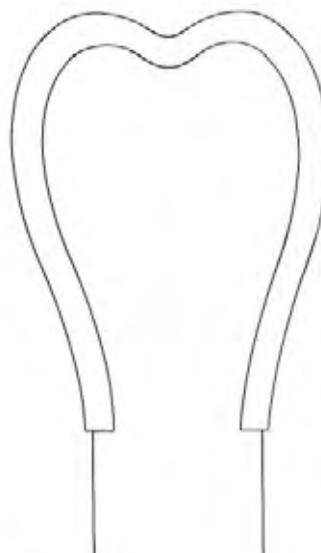
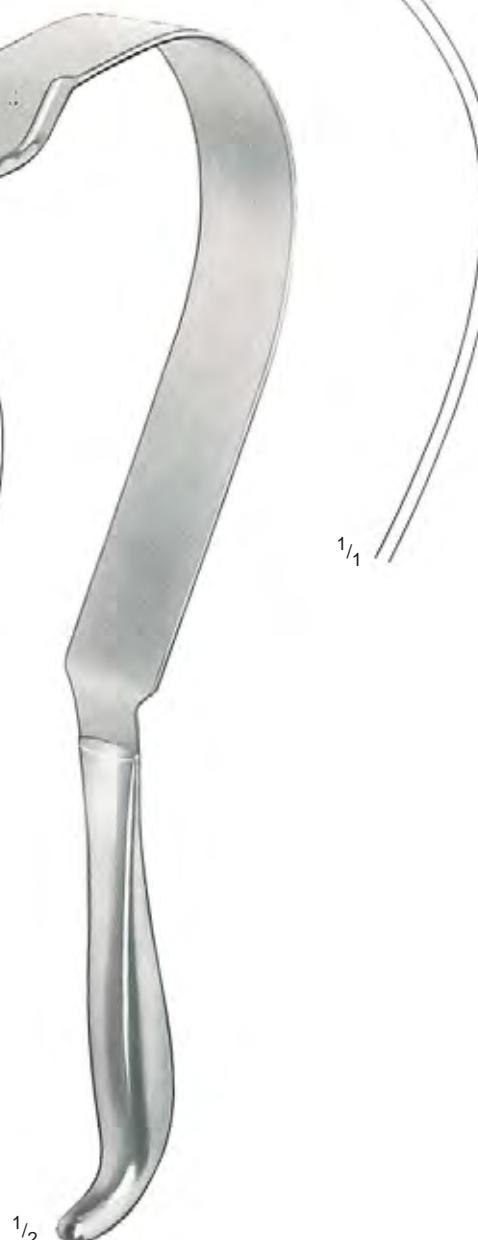


Fig.1 127 x 40 mm
Fig.2 127 x 62 mm



Harrington
32 cm/12 1/2"
10-2232-40 Fig.1 127 x 40 mm
10-2232-62 Fig.1 127 x 62 mm

10
A



أنواع اكارتور دبور

Wundhaken und Lungenspatel
Retractors and Lung Spatulas
Separadores y espátulas pulmonares
Ecarteurs et valves à poumon



انواع اکارتور دیبور

Wundhaken und Lungenspatel
Retractors and Lung Spatulas
Separadores y espátulas pulmonares
Ecarteurs et valves à poumon



38 mm

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

50 mm



75 mm

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

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

10
A



أنواع اكارتور

Wundhaken und Lungenspatel
Retractors and Lung Spatulas
Separadores y espátulas pulmonares
Ecarteurs et valves à poumon

115 x 65 mm
10-2252-65



115 x 38 mm
10-2252-38



82 x 22 mm
10-2252-22



1/1

Fig.2

1/2

Fig.1

130 x 38 mm



1/1

1/2
Coryllos
22,5 cm/9"

72 x 20 mm
10-2253-72

1/1

55 x 23 mm
10-2253-55

1/1

45 x 15 mm
10-2253-45

1/1

Sauerbruch
22,5 cm/9"

1/2

1/2

Sauerbruch
25 cm/10"
10-2255-38

انواع اکارتور شکمی و واژینال

Wundhaken, Scheidenhalter

Abdominal and Vaginal Retractors

Separadores abdominales y vaginales

Ecarteurs abdominaux et vaginaux



115 x 27 mm
115 x 22 mm

105 x 27 mm

95 x 20 mm

Simon
28 cm/11"
10-2268-22 = 115 x 22 mm
10-2268-27 = 115 x 27 mm

Martin
26 cm/10^{1/4}"
10-2266-27 = 105 x 27 mm

Modell Tübingen
28 cm/11"
10-2258-95 = 95 x 20 mm

1/2

10
A



انواع اکارتور (برونر)

Wundhaken
Retractors
Separadores
Ecarteurs

10-2285-18 180 x 30 mm

10-2285-16 160 x 30 mm

10-2285-14 140 x 25 mm

10-2285-12 120 x 25 mm

10-2285-10 100 x 20 mm

10-2285-08 80 x 20 mm

1/1



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



1/2
Brunner
25 cm/10"

أنواع اكارتور (برونر)

Wundhaken

Retractors

Separadores

Ecarteurs



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



Brunner
25 cm/10"

10
A



انواع اکارتور (شکمی)

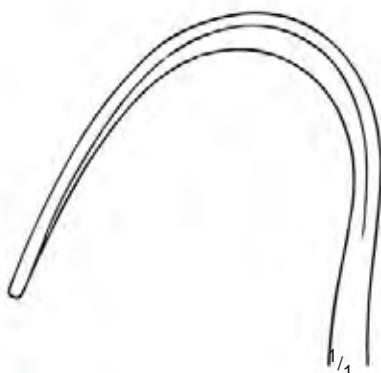
Wund- und Bauchdeckenhaken
Abdominal Retractors and Spatulas
Separadores abdominales y Espátulas
Ecarteurs à paroi abdominale

10-2292-52 120 x 52 mm

10-2292-30 105 x 30 mm

10-2292-28 90 x 28 mm

1/1



45 x 45 mm
10-2295-45

45 x 50 mm
10-2295-50



Doyen-Stille
22 cm/8 1/4"

1/2

Middeldorp
25,5 cm/10"

1/2

55 x 70 mm
10-2295-70

1/1

Fritsch
24cm/9 1/2"
10-2324-40 Fig.1 =45 x 40 mm
10-2324-50 Fig.2 =45 x 50 mm
10-2324-60 Fig.3 =45 x 60 mm
10-2324-75 Fig.4 =45 x 75 mm
10-2324-85 Fig.5 =65 x 85 mm

انواع اکارتور شکمی (مثانه)

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



Doyen
 $25 \text{ cm}/10"$
 $10-2335-85$

10
A



أنواع اكارتور شكمى

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



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

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

انواع اکارتور شکمی

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



Kelly

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

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

Mikulicz

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

10-2366-90

10
A



انواع اکارتور
Wundhaken
Retractors
Separadores
Ecarteurs

50 x 16 mm
10-2392-50

1/2

1/1

75 x 25 mm
10-2392-75

1/2

1/1

90 x 50 mm
10-2392-90

1/2

1/1

Meyerding
22,5 cm/9"

35 mm

55 mm

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

30 x 31 mm

1/1

37 x 40 mm

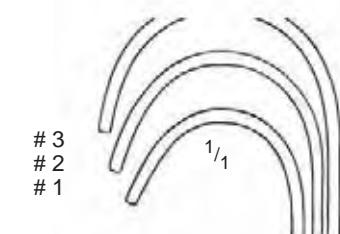
1/2

1/1

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

انواع اکارتور (روکس)

Wundhaken
Retractors
Separadores
Ecartereurs



10-2516-01- # 1 20 x 22 mm
25 x 28 mm
10-2516-02- # 2 23 x 26 mm
29 x 38 mm
10-2516-03- # 3 29 x 29 mm
34 x 44 mm

Roux

16,5 cm/6 $\frac{1}{2}$ "
10-2516-00

Satz zu 3, #1- 3
Set of 3, # 1 -3
Juego de 3, # 1- 3
Jeu de 3, # 1 -3



Roux
16,5 cm/6 $\frac{1}{2}$ "



Baby-Roux
13 cm/5 $\frac{1}{8}$ "
10-2516-13



Roux
16,5 cm/6 $\frac{1}{2}$ "
10-2516-16



Roux
18,5 cm/7 $\frac{1}{4}$ "
10-2516-18



Mini-Roux
15 cm/6"
10-2516-25



Roux-Magnus
15 cm/6"
10-2516-35



Roux-Magnus
16 cm/6 $\frac{1}{4}$ "
10-2516-36

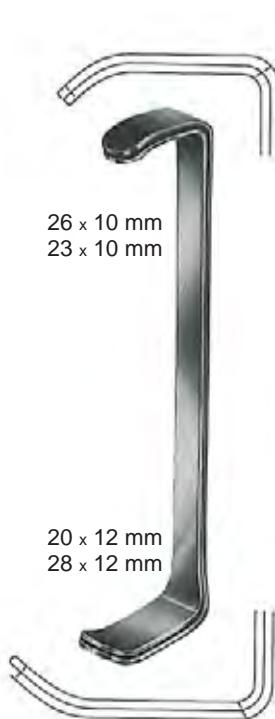


Roux-Magnus
17cm/6 $\frac{3}{4}$ "
10-2516-37

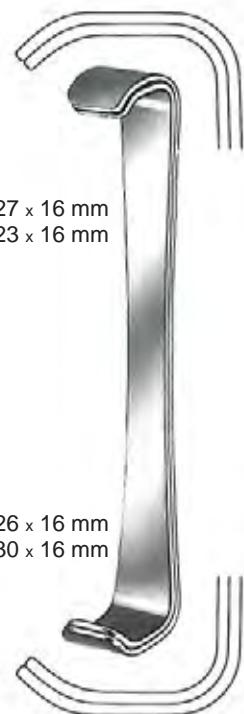


انواع اکارتور (پارکر - فارابوف)

Wundhaken
Retractors
Separadores
Ecarteurs



Farabeuf
Satz-Set
Juego-Jeu
13 cm/5¹/₈"
10-2543-00



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



Parker
Satz-Set
Juego-Jeu
13,5 cm/5¹/₈"
10-2563-00

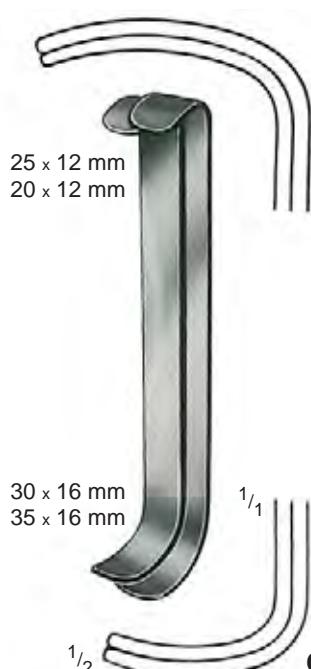


Parker
Satz-Set
Juego-Jeu
18 cm/7"
10-2568-00



Parker-Mott
16 cm/6¹/₄"
10-2556-00
Satz-Set
Juego-Jeu

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



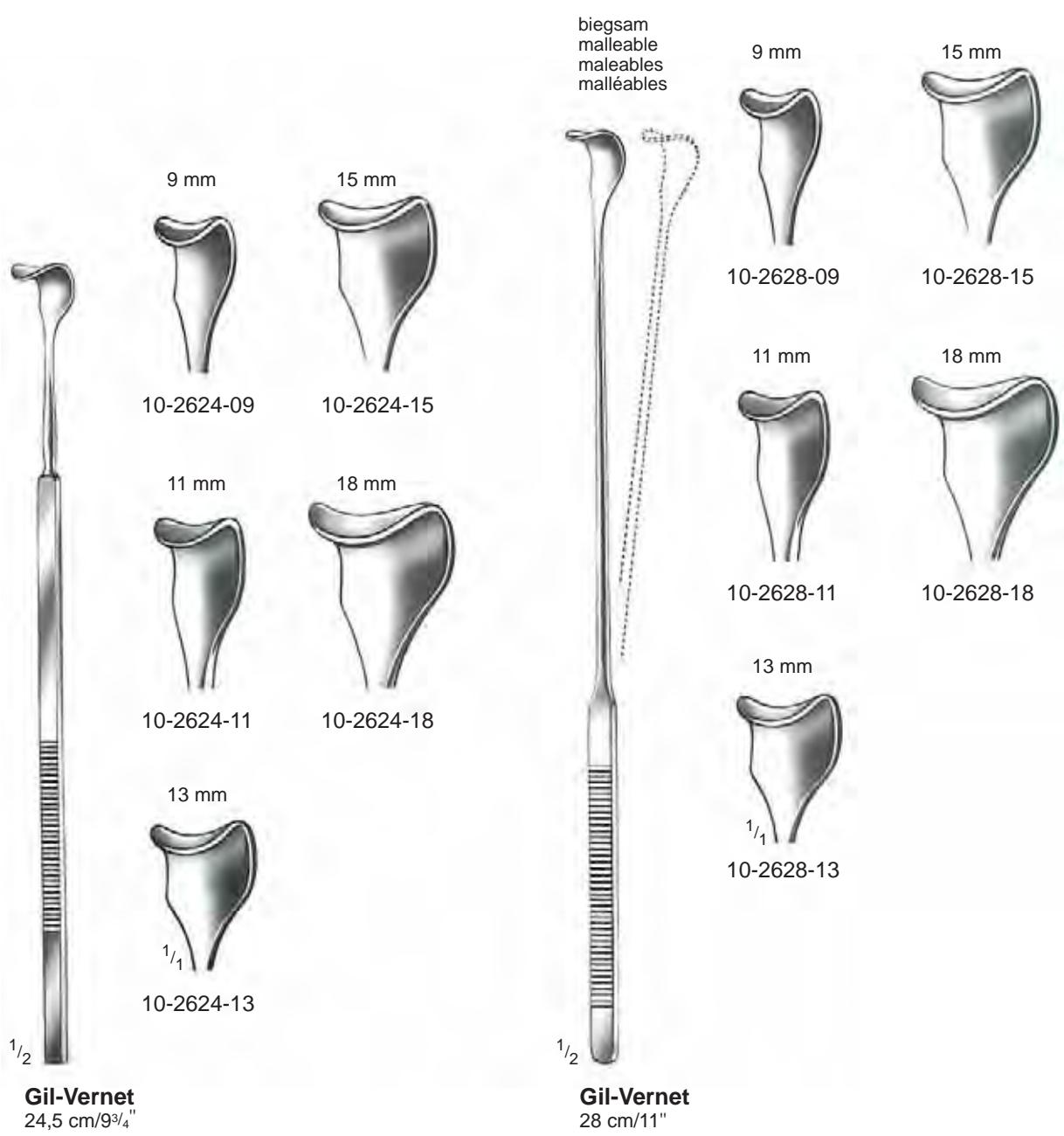
**Parker-Langenbeck
(US Army)**
Satz-Set
Juego-Jeu
21 cm/8 $\frac{1}{4}$ "
10-2591-00

10
A



أنواع اكارتور

Wundhaken für Nierenkanal
Renal Sinus Retractors
Separadores
Ecarteurs pour canal urinaire



Gil-Vernet
24,5 cm/9 $\frac{3}{4}$ "

Gil-Vernet
28 cm/11"

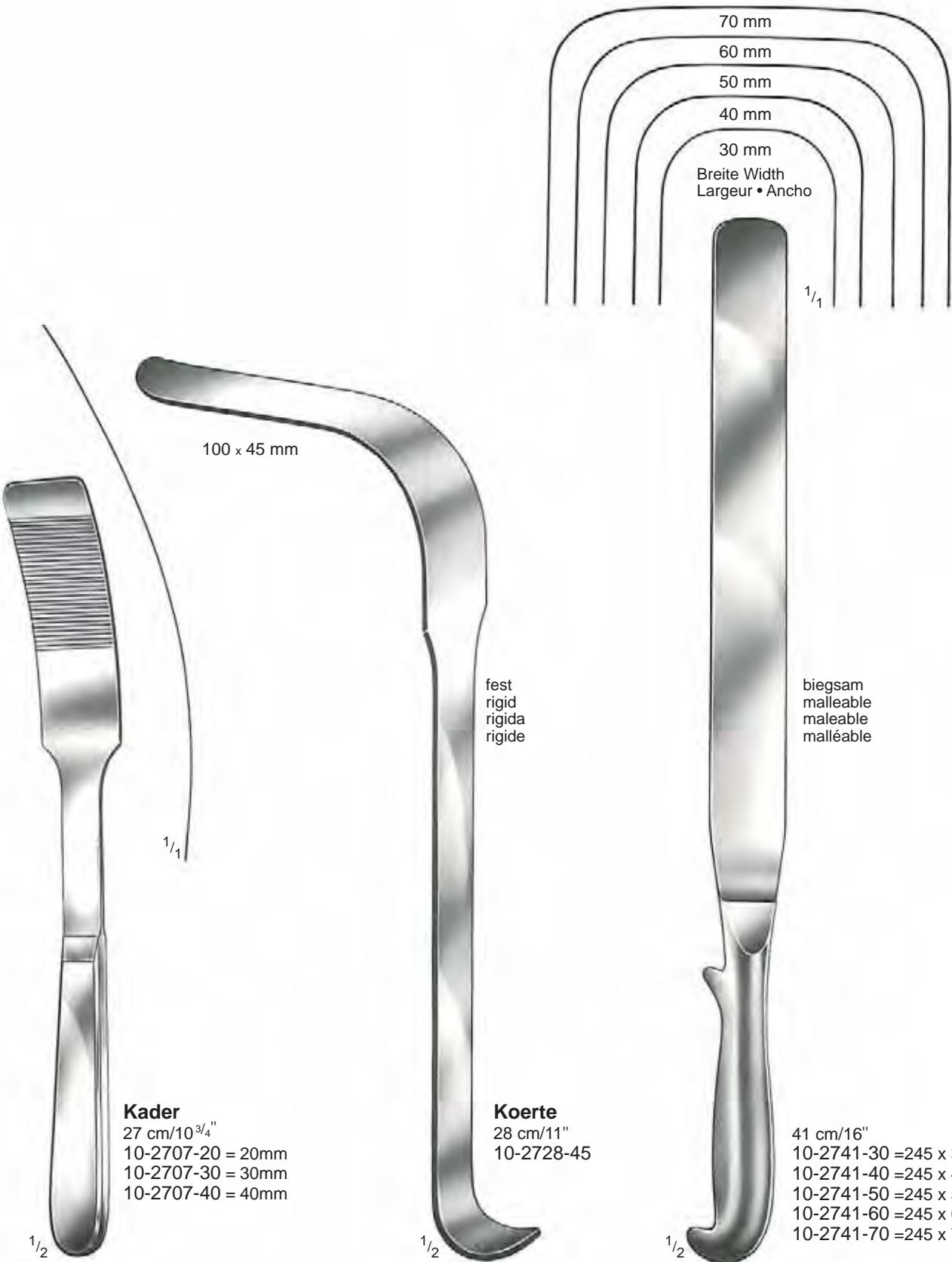
اکارتور شکمی و روده

Bauch- und Darmspatel

Abdominal- and Intestinal Spatulas

Espátulas abdominales y espátulas intestinales

Ecarteurs intra-abdominaux - Ecarteurs à intestin



Kader

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

10-2707-20 = 20mm

10-2707-30 = 30mm

10-2707-40 = 40mm

Koerte

28 cm/11"

10-2728-45

41 cm/16"

10-2741-30 = 245 x 30 mm

10-2741-40 = 245 x 40 mm

10-2741-50 = 245 x 50 mm

10-2741-60 = 245 x 60 mm

10-2741-70 = 245 x 70 mm

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



نوع اسپاچوں شکمی و رووده

Bauch- und Darmspatel

Abdominal- and Intestinal Spatulas

Espátulas abdominales y espátulas intestinales

Ecarteurs intra-abdominaux - Ecarteurs à intestin



Univer®

10
A



biegsam
malleable
maleable
malléable



biegsam
malleable
maleable
malléable



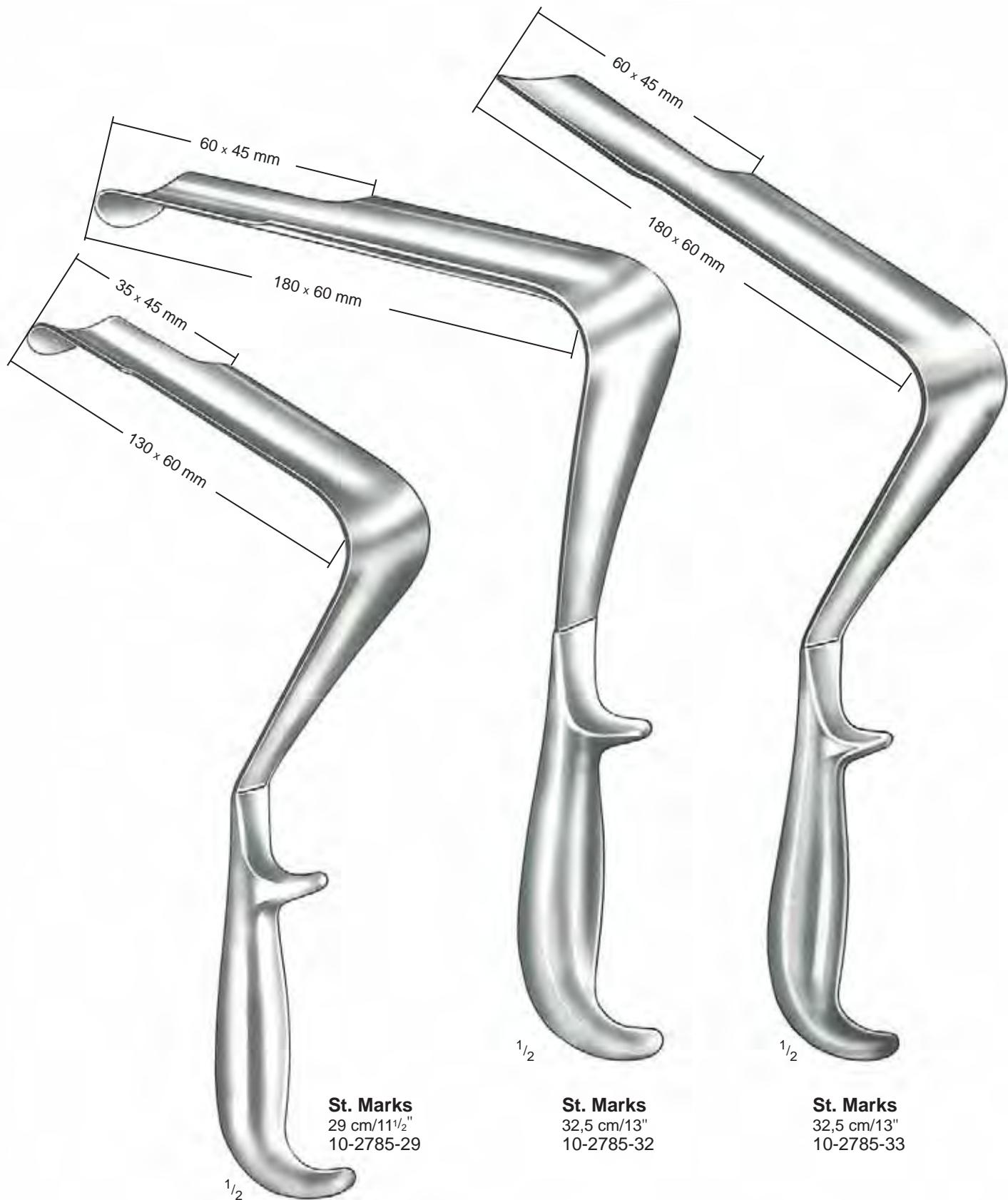
biegsam
malleable
maleable
malléable



10
A



اکارتور لگن
Pelvishaken
Pelvis Retractors
Pelvis separadores
Ecarteurs pelviens



أنواع اكارتور مثانه

Blasenspatel

Bladder Retractors

Separadores vesicales

Ecarteurs à vessie



Legueu
27 cm/10 $\frac{1}{2}$ "
10-3210-27



Kocher
26 cm/10 $\frac{1}{4}$ "
10-3220-26



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**

Fig.

1 10-3434-06	63x35 mm	1 10-3435-06	60x35 mm
2 10-3434-09	94x35 mm	2 10-3435-09	90x35 mm
3 10-3434-12	124x35 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	1 10-3445-06	60x45 mm
2 10-3444-09	95x47 mm	2 10-3445-09	90x45 mm
3 10-3444-12	126x47 mm	3 10-3445-12	120x45 mm
4 10-3444-16	160x47 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	1 10-3460-05	80x55 mm
2 10-3455-09	95x60 mm	2 10-3460-06	60x60 mm
3 10-3455-13	130x60 mm	3 10-3460-09	90x60 mm
4 10-3455-17	175x60 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**

Univer - Made in IRAN



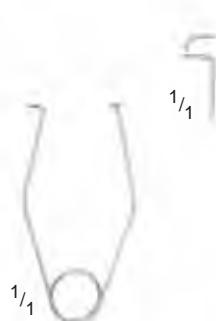
Wundspreizer
Woundspreaders, Self-retaining
Separadores autostáticos
Ecarteurs autostatiques

اکارتور تراکستومی (تراشه)
Trachealhähkchen
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

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

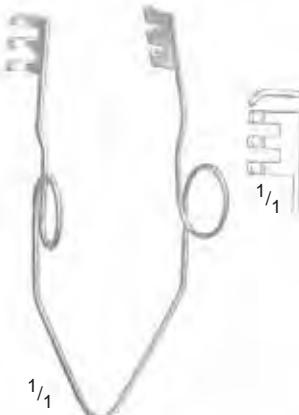
Fettspreizer
für coronar-Eingriffe
Fat spreaders
for coronary surgeries
Separadores para grasa
para cirugía coronaria
Ecarteurs pour graisse
pour intervention
coronaire



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

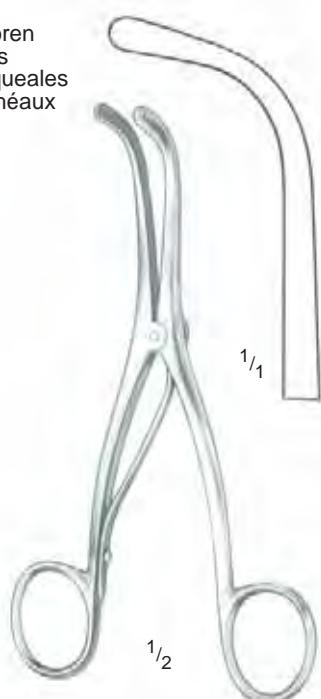


4 cm/1 1/2"
10-4550-04

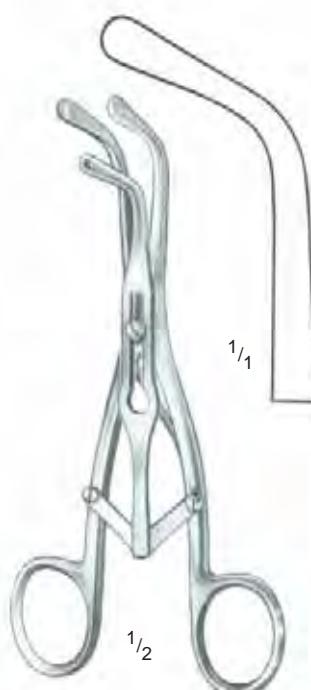


5.5 cm/2 1/4"
10-4555-05

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

أنواع اكاراتور خودكار ظريف

Wundspreizer, selbsthaltend

Self-retaining Retractors

Separadores autostáticos

Ecarteurs autostatiques



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



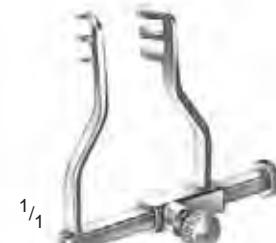
Stevenson
7 cm/2 3/4"
10-5050-07



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



Alm

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



scharf
sharp
agudo
pointu
10-5130-04



stumpf
blunt
roma
mousse
10-5130-14



Kaupp
(Holzheimer/Heiss)
10 cm/4"

10
B

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

$\frac{1}{2}$
scharf
sharp
agudo
pointu
stumpf
blunt
roma
mousse
Finsen
5 cm/2"
10-5135-23
10-5135-43

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

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

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

$\frac{1}{2}$
Finsen
7 cm/2 $\frac{3}{4}$ "
10-5137-34
10-5137-44

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

$\frac{1}{2}$
Finsen modif.
7 cm/2 $\frac{3}{4}$ "
10-5137-74
10-5137-84



Scalp-Contour

13,5 cm/5 $\frac{1}{4}$ "

scharf
sharp
agudo
pointu

10-5208-14

Weitlaner

scharf
sharp
agudo
pointu

10-5211-23 10-5211-43

Weitlaner

scharf
sharp
agudo
pointu

10-5213-34 10-5213-44

Weitlaner

scharf
sharp
agudo
pointu

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

stumpf
blunt

10-5209-14

cm inch.

10,5 4 $\frac{1}{4}$

13 5

16,5 6 $\frac{1}{2}$

20 8

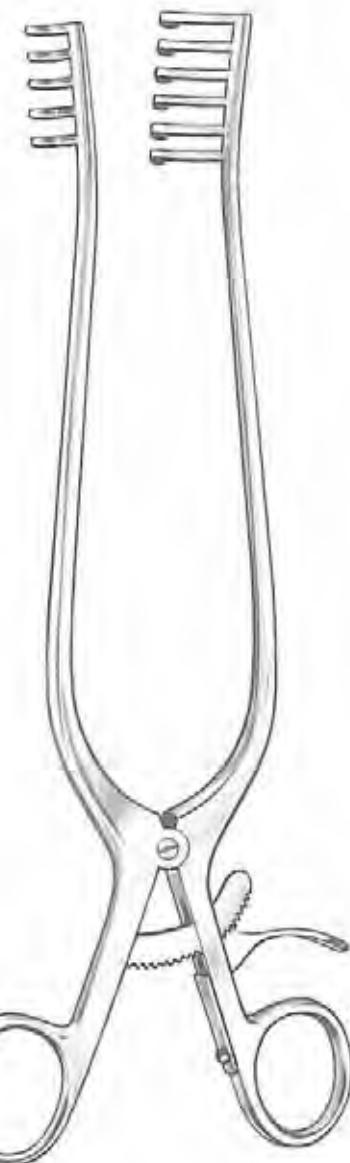
انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend

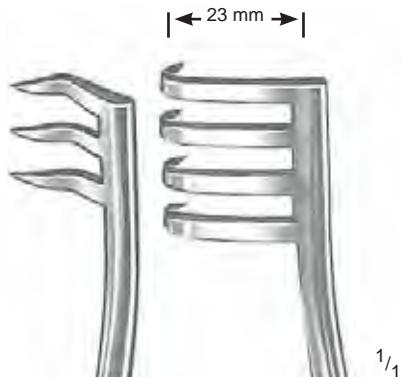
Self-retaining Retractors

Separadores autostáticos

Ecarteurs autostatiques

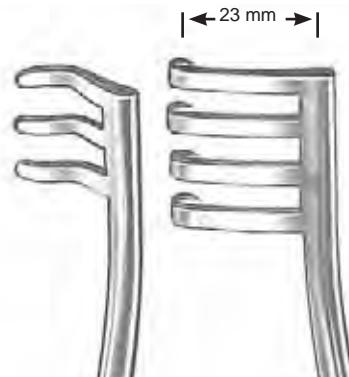


3 x 4 Zähne, scharf
3 x 4 teeth, sharp
3 x 4 dientes, agudos
3 x 4 dents, pointus



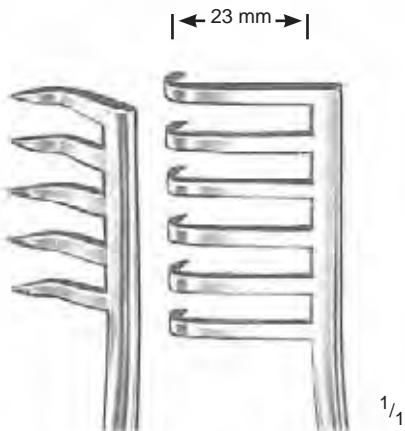
10-5224-34

3 x 4 Zähne, stumpf
3 x 4 teeth, blunt
3 x 4 dientes, romas
3 x 4 dents, mousses



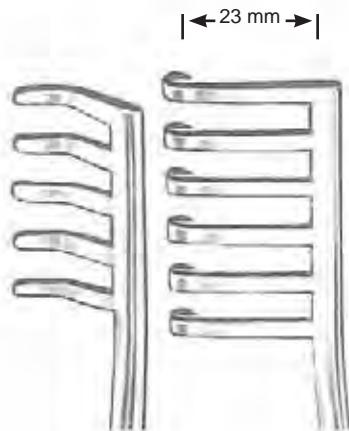
10-5224-44

5 x 6 Zähne, scharf
5 x 6 teeth, sharp
5 x 6 dientes, agudos
5 x 6 dents, pointus



10-5224-56

5 x 6 Zähne, stumpf
5 x 6 teeth, blunt
5 x 6 dientes, romas
5 x 6 dents, mousses



10-5224-76

Weitlaner
24 cm/9 1/2"

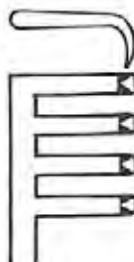


انواع اکارتور چنگکی خودکار (تاشو)
**Wundspreizer, selbsthaltend
 Self-retaining Retractors
 Separadores autostáticos
 Ecarteurs autostatiques**

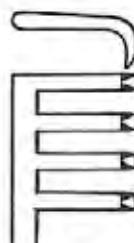
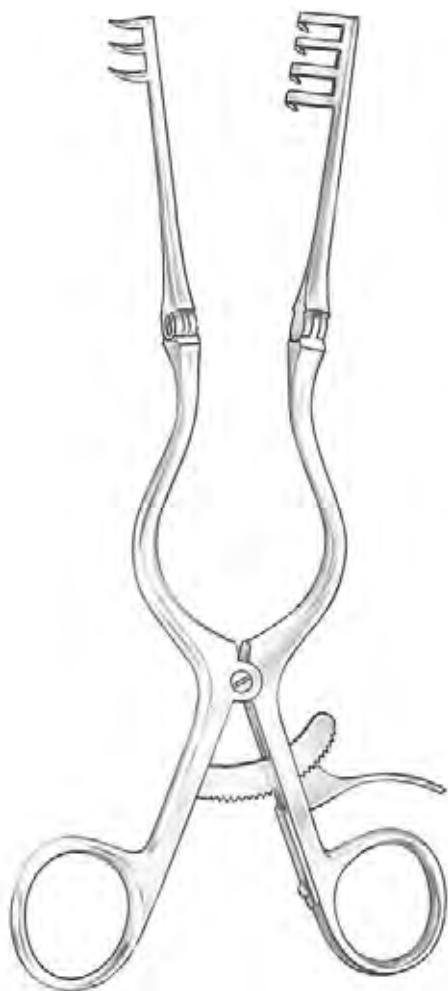
scharf
 sharp
 agudo
 pointu

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

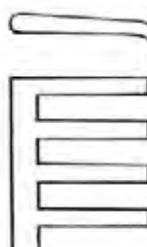
stumpf
 blunt
 roma
 mousse



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



4x4 Zähne scharf
4x4 teeth sharp
4x4 dientes agudos
4x4 dents pointus

4x4 Zähne stumpf
4x4 teeth blunt
4x4 dientes romas
4x4 dents mousses

3x3 Zähne
3x3 teeth
3x3 dientes
3x3 dents



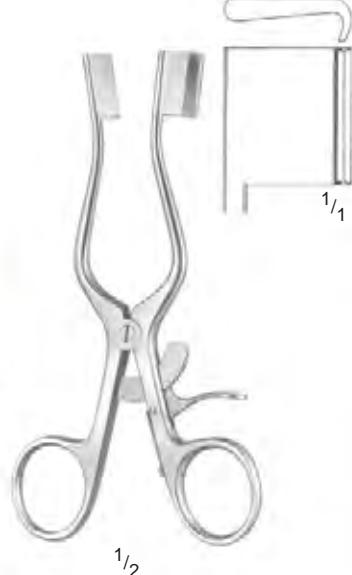
Jansen
10 cm/4"
10-5310-11



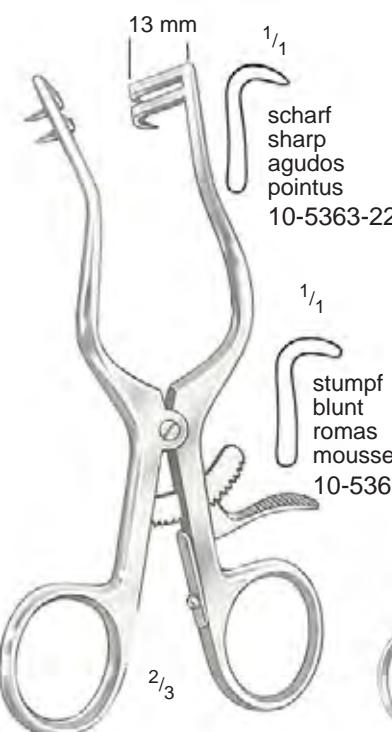
Jansen
10 cm/4"
10-5311-11



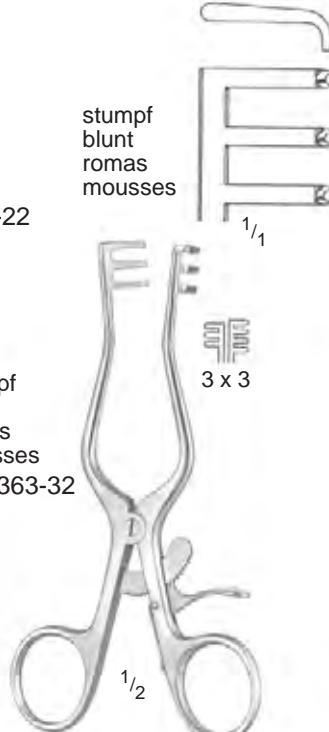
Jansen
10,5 cm/4 1/4"
stumpf
blunt
romas
mousses
10-5313-11



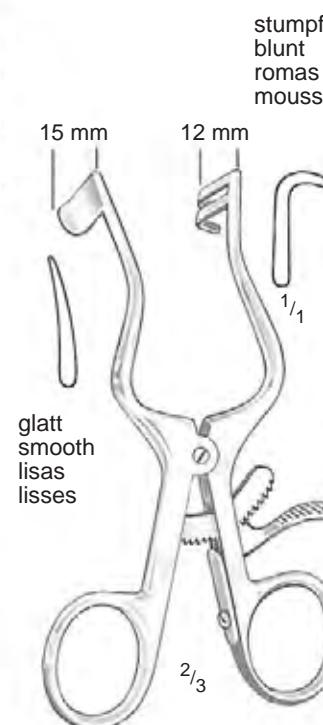
Weitlaner-Baby
13,5 cm/5 1/4"
10-5350-13



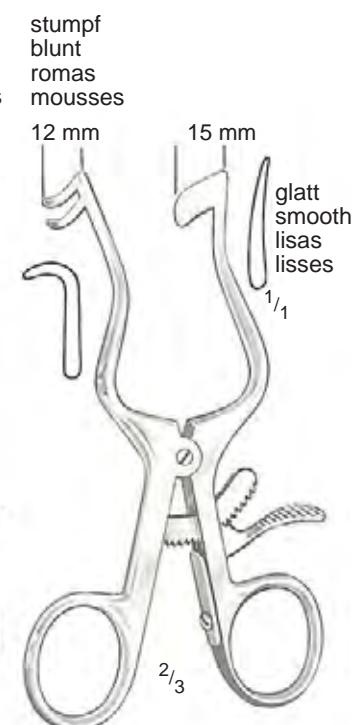
Plester
13 cm/5"



Milligan
13,5 cm/5 1/4"
10-5365-13



Plester
11 cm/4 1/4"
10-5371-02



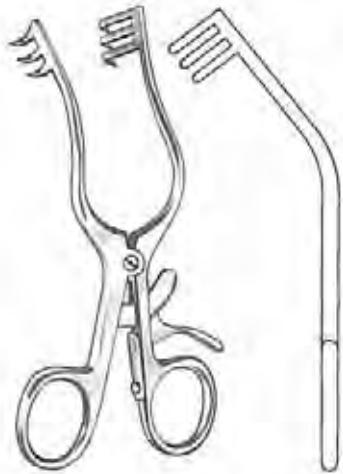
Plester
11 cm/4 1/4"
10-5371-01



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



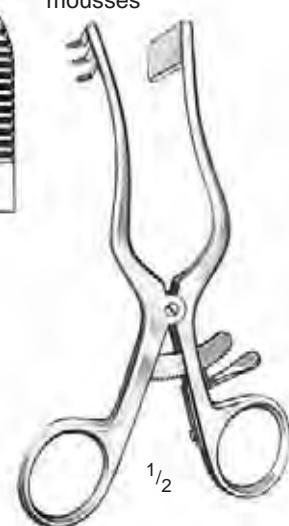
10-5384-11
10-5384-13

stumpf
blunt
romas
mousses



Perkins
13 cm/5"
10-5553-01

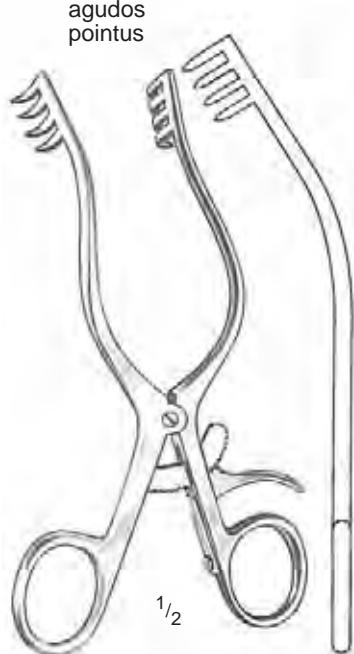
stumpf
blunt
romas
mousses



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



10-5620-44

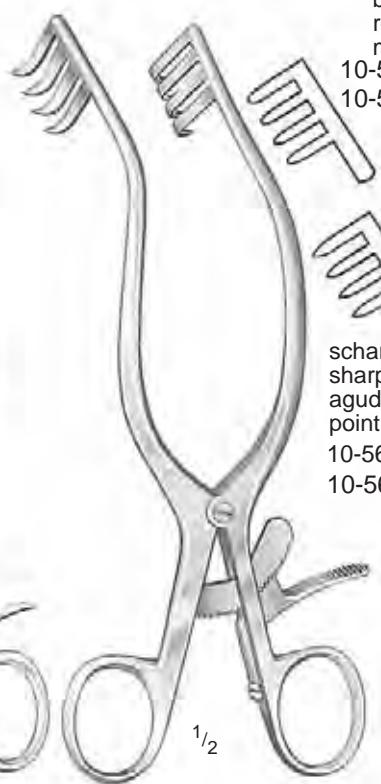
stumpf
blunt
romas
mousses



Adson
19 cm/7½"
10-5620-84

stumpf
blunt
romas
mousses
10-5639-84
10-5639-88 #

scharf
sharp
agudos
pointus
10-5639-44
10-5639-48 #



10-5620-84

Anderson-Adson
19,5 cm/7¾"
25 cm/9¾" #

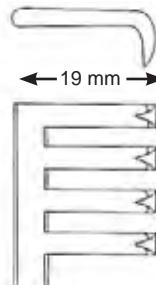
انواع اکارتور چنگکی خودکار

Wundspreizer, selbsthaltend

Self-retaining Retractors

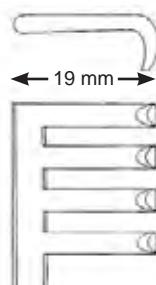
Separadores autostáticos

Ecarteurs autostatiques



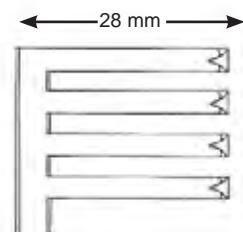
scharf
sharp
agudos
pointus

10-5619-19

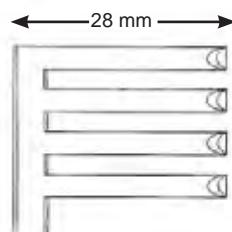


stumpf
blunt
romas
mousses

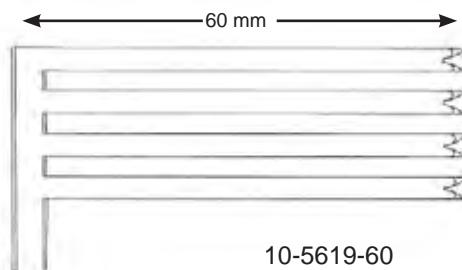
10-5619-20



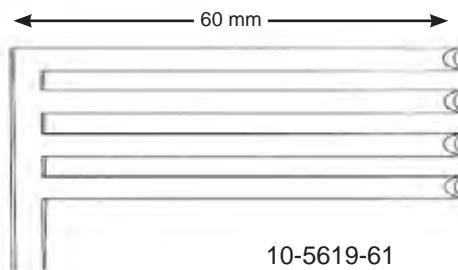
10-5619-28



10-5619-29



10-5619-60



10-5619-61

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



Henly

16,5 cm/6 1/2"



16 mm x 19 mm
5/8" x 3/4"
10-5619-69



16 mm x 25 mm
5/8" x 1"
10-5619-75



16 mm x 32 mm
5/8" x 1 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

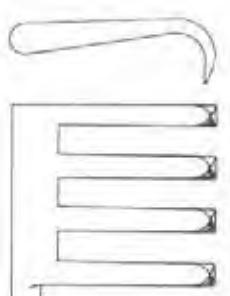
chaque écarteur cpl. avec 3 valves centrales (1 de chaque dimension)



انواع اکارتور چنگکی خودکار
Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques



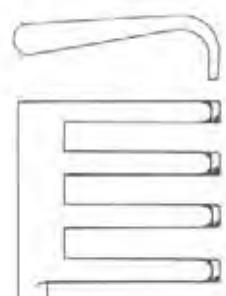
Adson



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



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"
10-5628-29

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



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 چنگی خودکار (لامینکتومی)

Laminektomie-Wundspreizer, selbsthaltend

Self-retaining Laminectomy Retractors

Separadores autostáticos para laminectomía

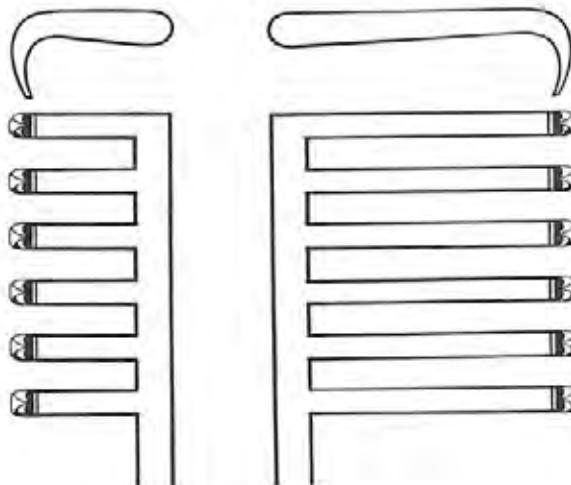
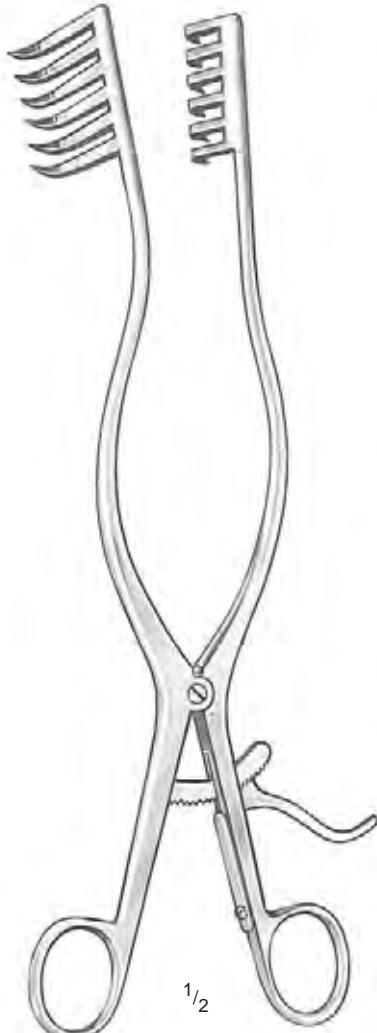
Ecarteurs autostatiques pour laminectomie



10
B

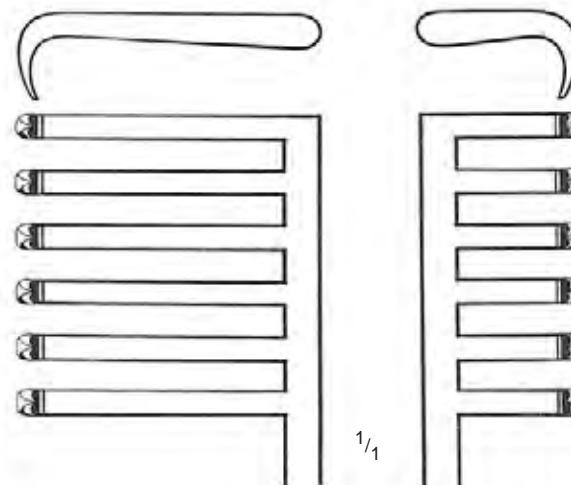
Hemilaminektomiespreizer
Hemilaminectomy Retractors
Separadores para hemilaminektomia
Ecarteurs pour hémilaminectomie

6 x 6 Zähne, scharf
6 x 6 teeth, sharp
6 x 6 dientes, agudos
6 x 6 dents, pointus



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

Adson

27 cm/10 3/4"



اکارتور چنگکی خودکار لامینکتومی (ناشو)

Laminektomie-Wundspreizer, selbsthaltend

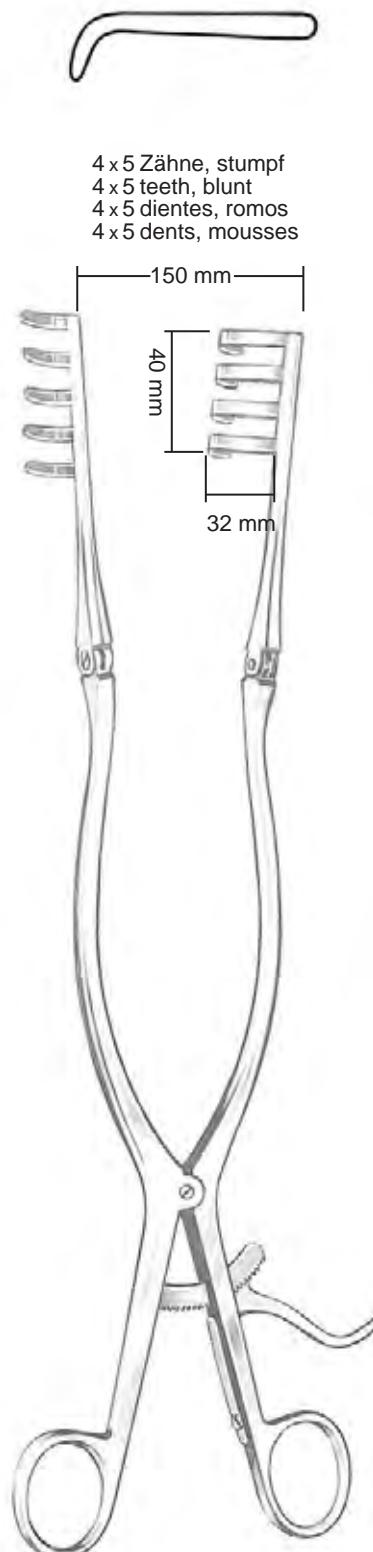
Self-retaining Laminectomy Retractors

Separadores autostáticos para laminectomía

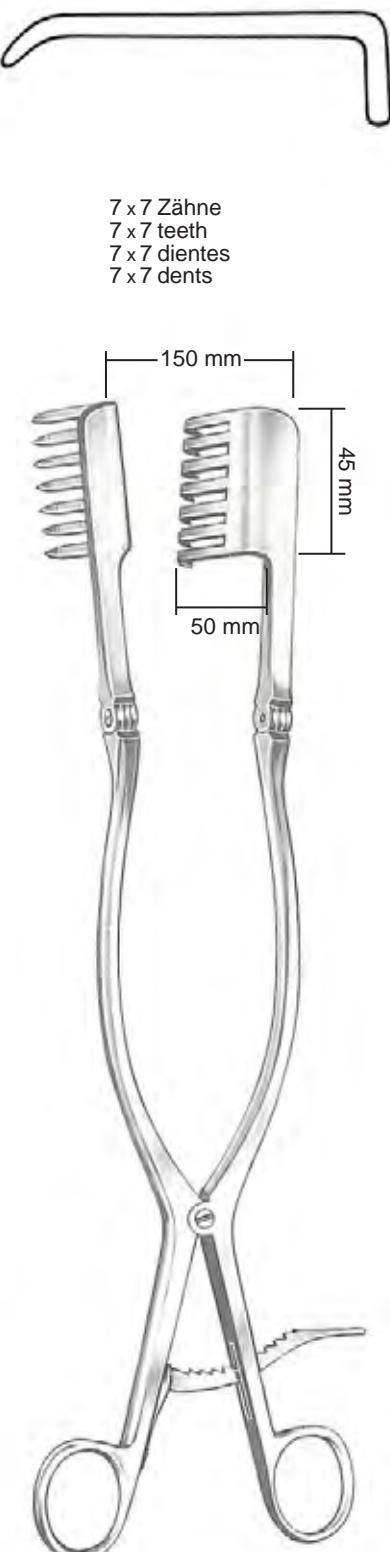
Ecarteurs autostatiques pour laminectomie



Beckmann
30,5 cm/12"
10-5681-44



Adson
33 cm/13"
10-5693-45



scharf
sharp
agudos
pointus
32 cm/12 1/2"
10-5702-77

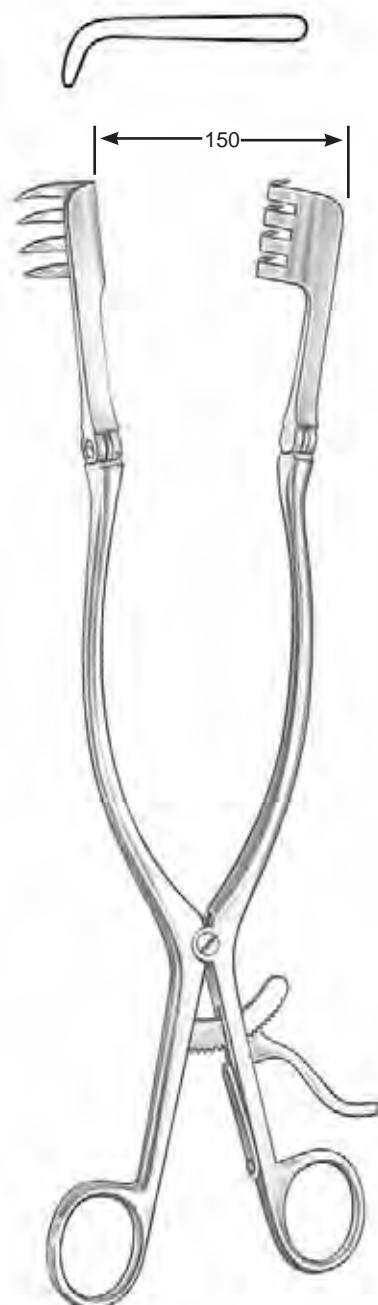
Beckmann-Eaton **stumpf**
blunt
romas
mousses
10-5703-77

اکارتور چنگکی خودکار لامینکتومی (تاشو)

Laminektomie-Wundspreizer, selbsthaltend
Self-retaining Laminectomy Retractors
Separadores autostáticos para laminectomía
Ecarteurs autostatiques pour laminectomie



Univer[®] 10
B



Beckman-Adson
30,5 cm/12"

spitz
sharp
agudo
pointus

|← 25 mm/1" →|



10-5724-25

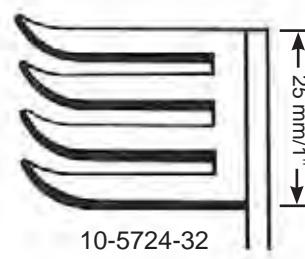
stumpf
blunt
romo
mousse

|← 25 mm/1" →|

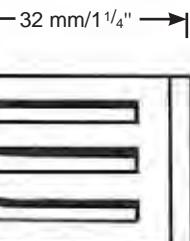


10-5725-25

32 mm/1 1/4" ← | →

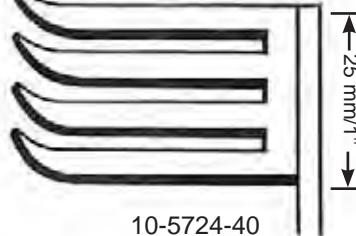


10-5724-32



10-5725-32

40 mm/1 1/2" ← | →

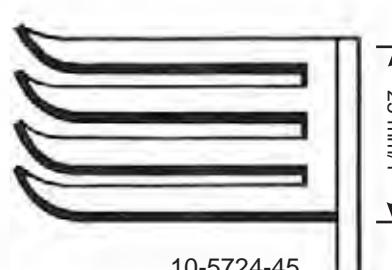


10-5724-40



10-5725-40

45 mm/1 3/4" ← | →



10-5724-45



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



Inge (Baby-Inge)

16 cm/6 1/4"
10-5800-16

Spreizweite 38 mm
Blade opening 38 mm/ 1 1/2"
Abertura de la hoja 38 mm
Ecartement 38 mm



Inge

24 cm/9 1/2"
10-5802-24

Spreizweite 50 mm
Blade opening 50 mm/ 2"
Abertura de la hoja 50 mm
Ecartement 50 mm

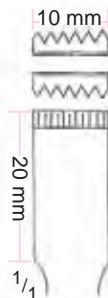
10
B



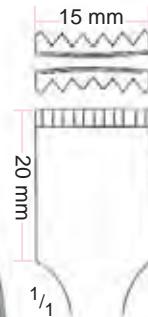
اسپر ایدر لمینا

**Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux**

flache Maulteile
2 flat jaws
bocas llanas
mors plats



Maulteile löffelförmig
2 cupped jaws
bocas forma de copa
mors forme cuiller



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

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

Inge-curved
28 cm/11"
10-5810-28

Spreizweite 75 mm
Blade opening 75 mm/ 3"
Abertura de la hoja 75 mm
Ecartement 75 mm

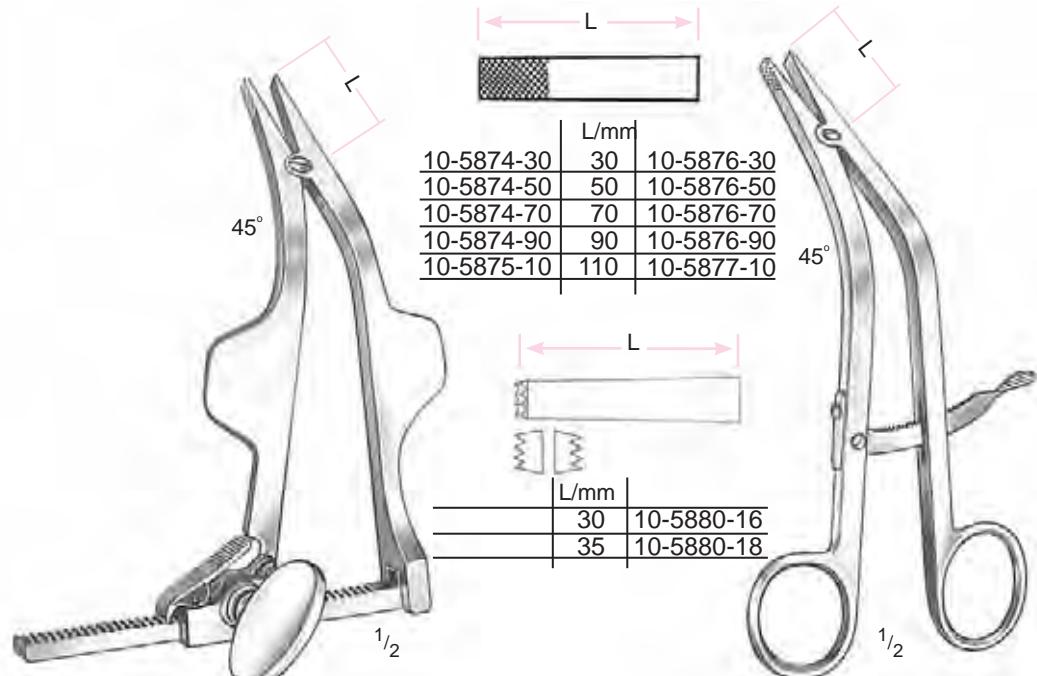
اکارتور چنگکی خودکار لامینکتومی

Wund- und Wirbelkörperspreizer, selbsthaltend

Self-Retaining Laminectomy Retractors

Separadores autostáticos para laminectomía

Ecarteurs autostatiques pour laminectomie

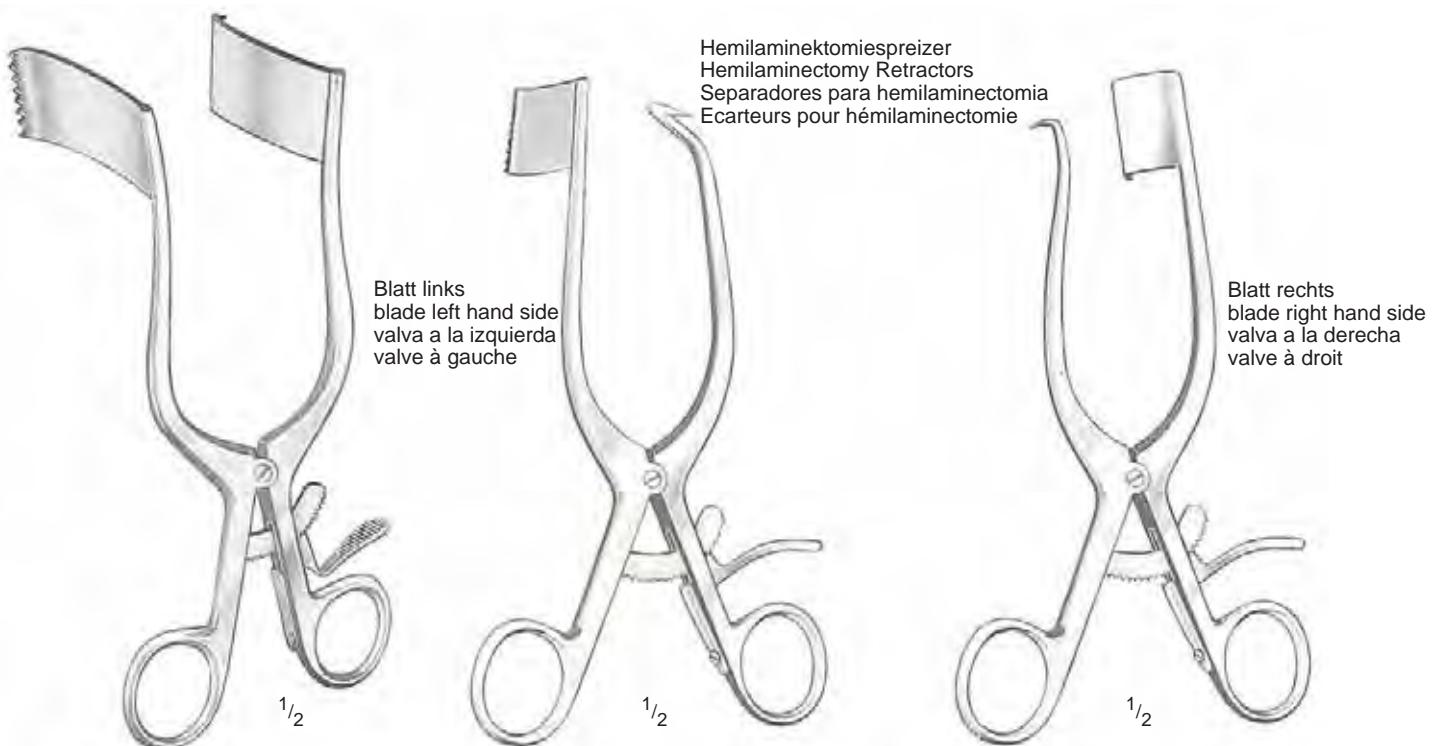


Cloward

15 cm/6"
10-5874-30 – 10-5875-10

Cloward

17 cm/6 3/4"
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

10
B



اکارتور دایسکتومی عضله خودکار

Muskelspreizer

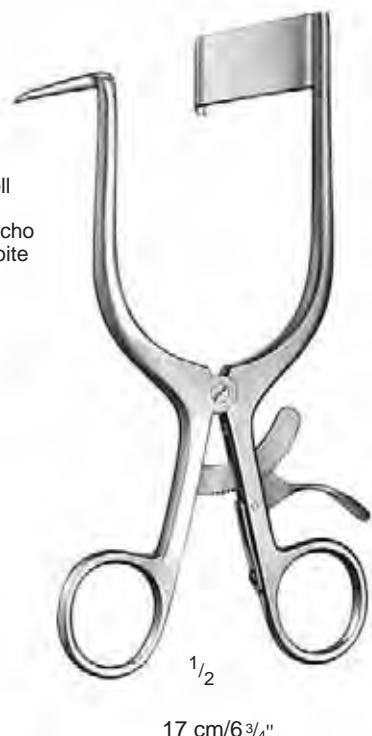
Muscle Retractors (Discectomy Retractor)

Separadores musculares

Ecarteurs musculaires



Linksmodell
Left-type
Modelo izquierdo
Modèle à gauche



Rechtsmodell
Right-type
Modelo derecho
Modèle à droite

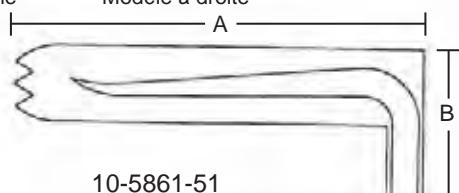
Linksmodell
Left-type
Modelo izquierdo
Modèle à gauche

A B

50 x 10 mm

10-5860-51

Rechtsmodell
Right-type
Modelo derecho
Modèle à droite



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

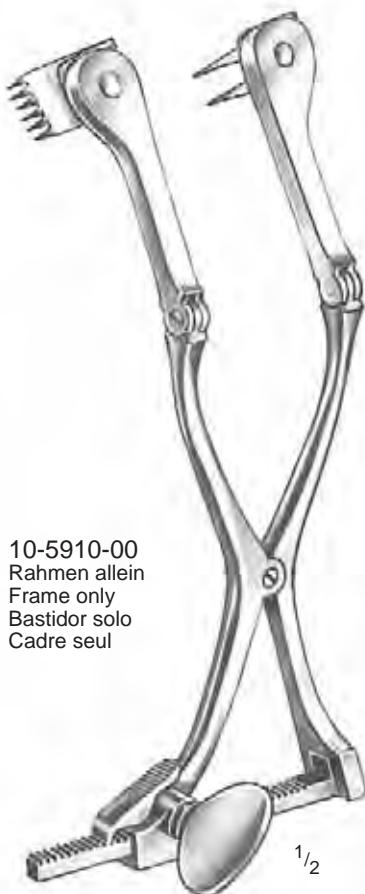
Muscle Retractors (Discectomy Retractor)

Separadores musculares

Ecarteurs musculaires

Kugelschnellverschluß
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes

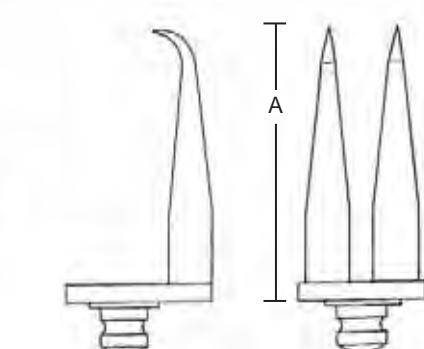
Muskelblätter
Muscle Blades
Hojas musculares
Lames musculaires



10-5910-00
Rahmen allein
Frame only
Bastidor solo
Cadre seul

Hey
23 cm/9"

Wirbeldorne
Vertebra Pins
Pinchos vertebráles
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 complet, se composant de:

10-5911-00
Rahmen allein
Frame only
Bastidor solo
Cadre seul

10-5870-50	Blatt/blade/valva/lame 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





اكارتور چنگکی خودکار لامینکتومی (ناشو) 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



Cloward-Hoen

23 cm/9"
 10-5911-05

komplett mit 5 stumpfen Blättern
 complete with 5 blunt blades
 completo con 5 valvas romas
 complèt avec 5 valves mousses

10-5911-00

Spreizer ohne Blätter
 Retractor without blades
 Separador sin valvas
 Ecarteur sans valves



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
 complèt 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 = 60mm
 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



10-5913-40 = 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

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

Left side 7 sharp prongs
35 mm Wide x 35 mm deep

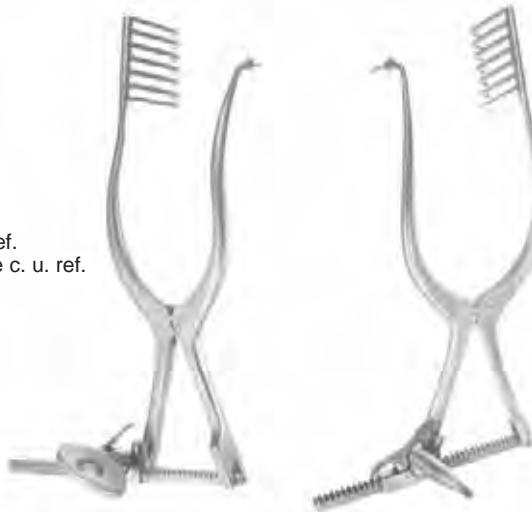
Right side 7 sharp prongs
35 mm Wide x 35 mm deep



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



انواع اکارتور خودکار شکمی، مقعد، پروستات و واژینال

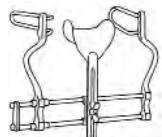
Bauchdeckenhalter, Mast-darmspreizer, Blasenwund-spreizer, Vulvaspreizer

**Abdominal and Rectal
Retractors, Prostatectomy
and Vaginal Retractors**

**Separadores abdominales
y rectales, separadores
para prostectomía y la
vulva**

**Ecarteurs rectaux et à
paroi abdominale, ecar-
teurs prostatiques et
vulvaires**

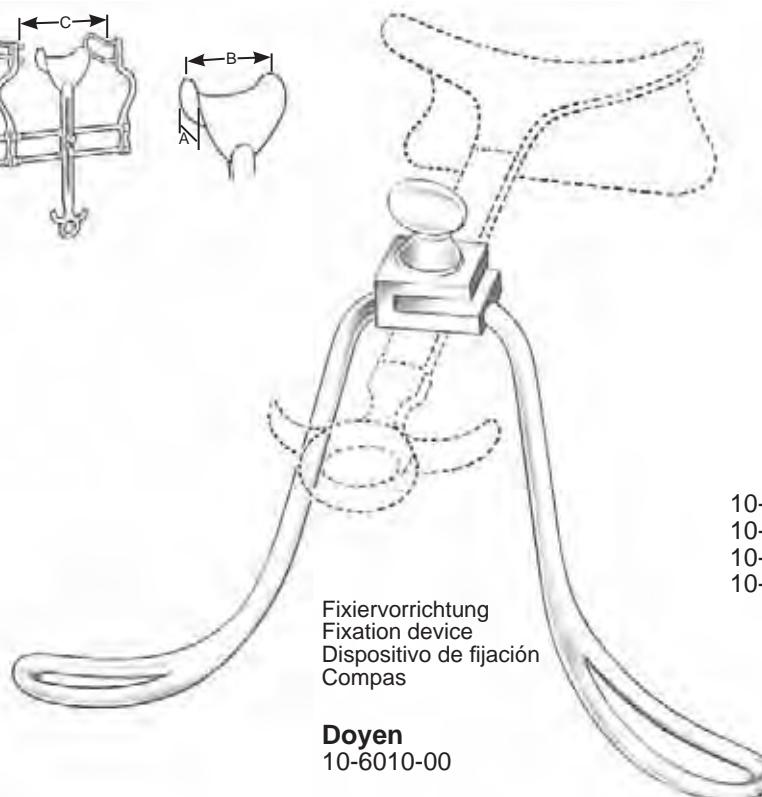
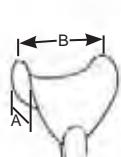
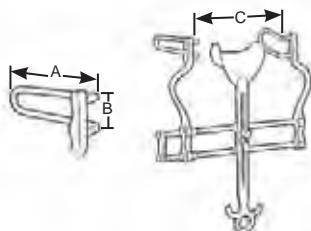
10
C



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اکارتور شکمی

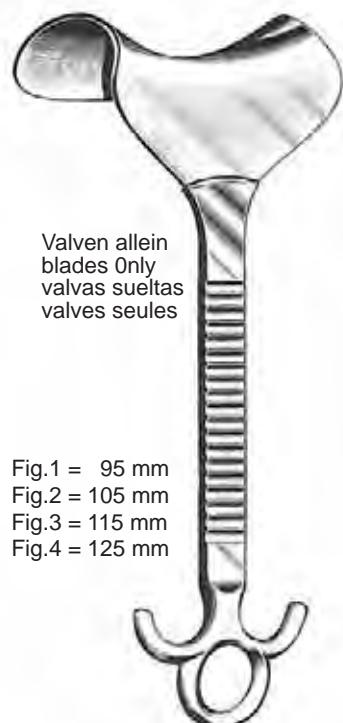
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Fixierung
Fixation device
Dispositivo de fijación
Compas

Doyen
10-6010-00

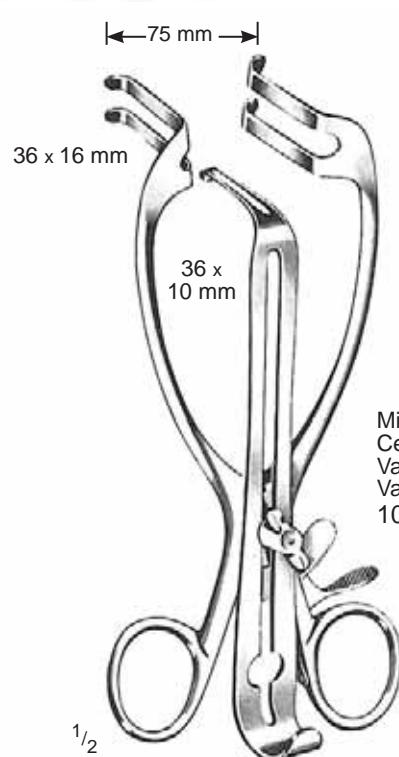
10-6010-09 Fig.1 = 95 mm
10-6010-10 Fig.2 = 105 mm
10-6010-11 Fig.3 = 115 mm
10-6010-12 Fig.4 = 125 mm



Doyen

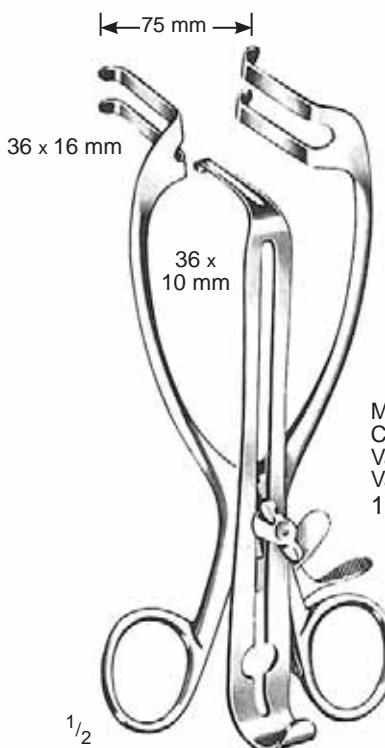


Mayo-Adams
(Appendectomy)
17 cm/6 3/4"
10-6020-00



Mayo-Adams
(Appendectomy)
17 cm/6 3/4"
10-6020-01

Valven allein
blades Only
valvas sueltas
valves seules



Mittelvalve
Center blade
Valva central
Valve médiane
10-6020-36

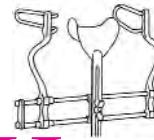
اكارتور شكمى

Bauchdeckenhalter

Abdominal Retractors

Separadores abdominales

Ecarteurs à paroi abdominale



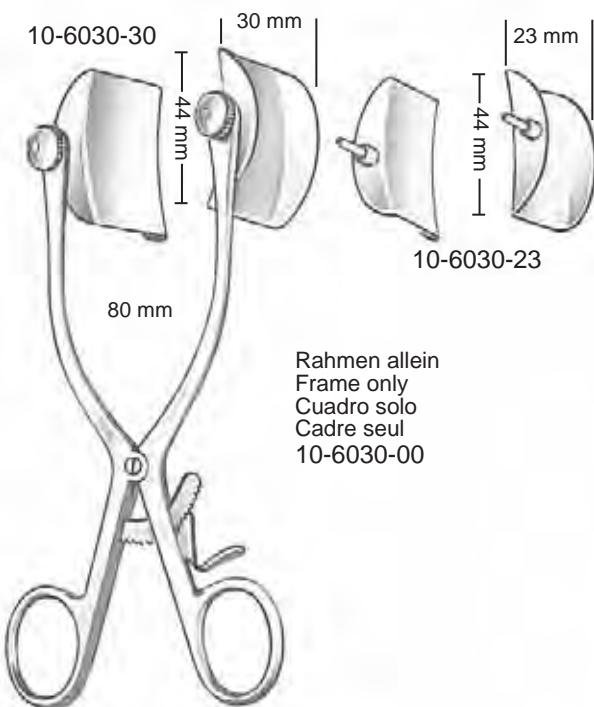
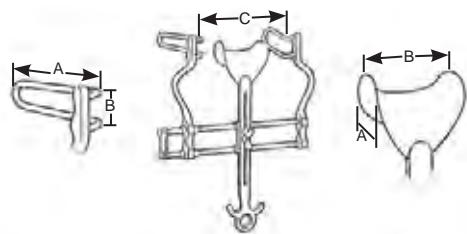
Univer®

10
C

Kugelschnellverschluß
Ball Snap Closure

Cierre rápido

Verrouillage rapide à billes



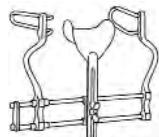
Baby-Collin
10-6030-04

komplett mit 2 Paar Valven
complete, with 2 pairs of blades
completo, con 2 pares de valvas
complét, avec 2 paires de valves



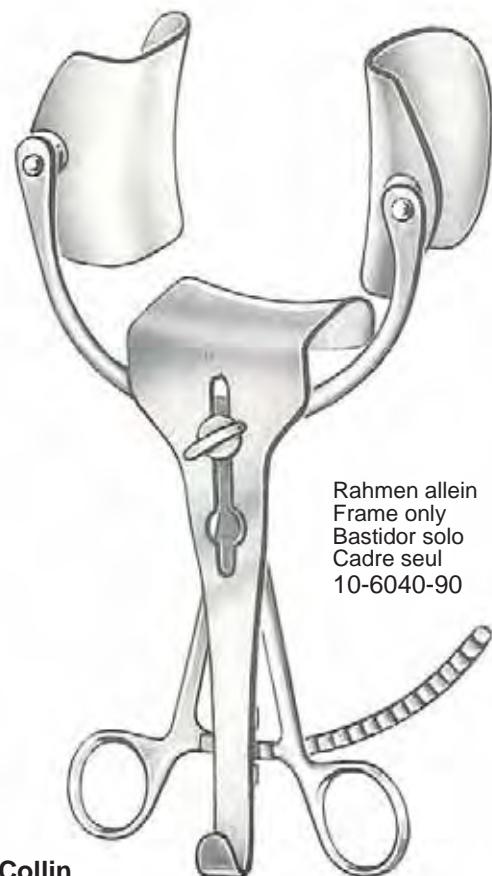
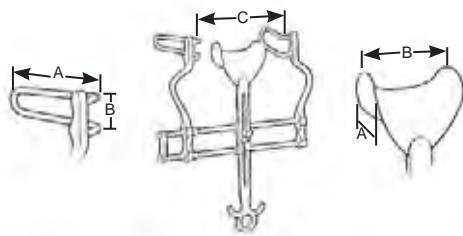
Collin
10-6040-10

komplett complete completo complét	Seitl. Valven lateral blades valvas laterales valves latérales				Ref.	Mittelvalven center blades valvas centrales valves centrales				Spreizweite blade opening abertura total écartement total
	Ref.	A	B	Ref.		A	B			
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"		

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C**Univer®**

اکارتور شکمی

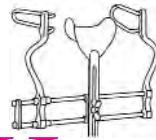
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Collin
10-6041-10
10-6042-10
10-6043-10

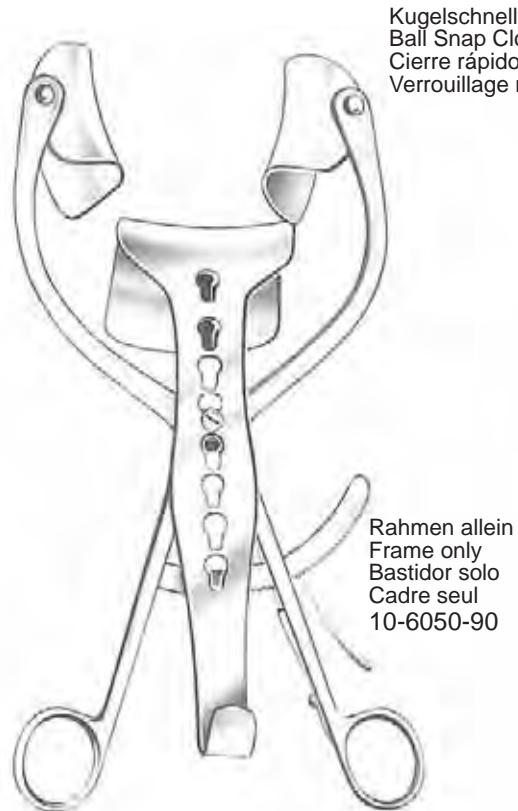
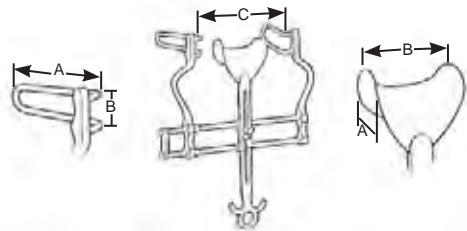


komplett complete completo complét	Ref.	Seitl. Valven lateral blades valvas laterales valves latérales		Ref.	Mittelvalven center blades valvas centrales valves centrales		Spreizweite blade opening abertura total écartement total
	Ref.	A	B	Ref.	A	B	C
10-6041-10	10-6150-62	32 mm/1 1/4"	62 mm/2 7/16"	10-6153-55	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"

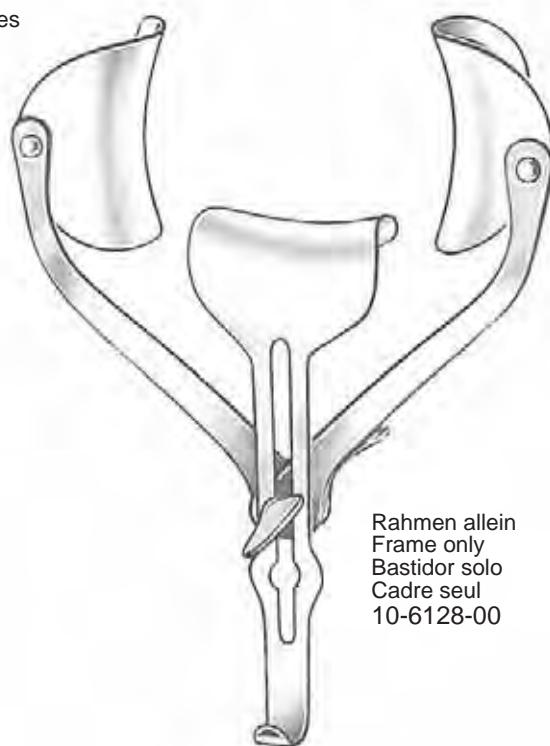


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C

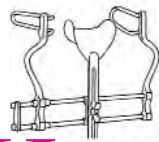


Collin-Locktite
10-6050-10
10-6051-10



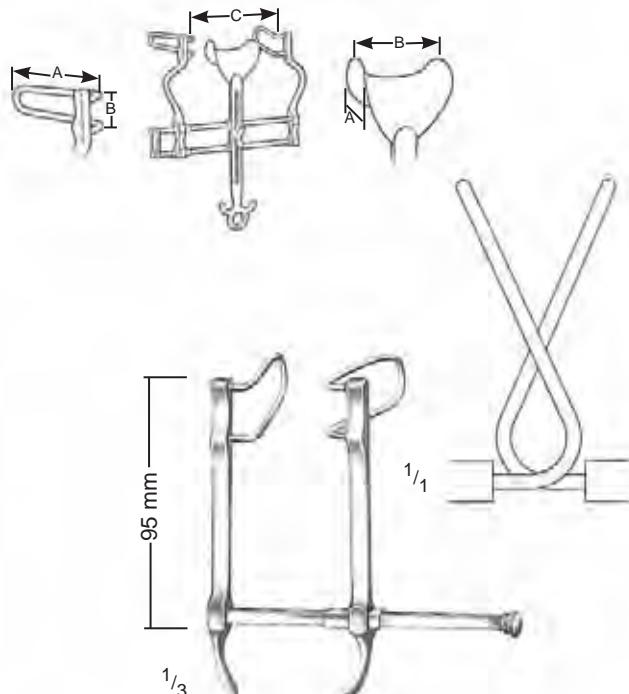
Ricard
10-6128-10
10-6130-10

komplett complete completo complète	Seitl. Valven lateral blades valvas laterales valves latérales	A		B		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"		

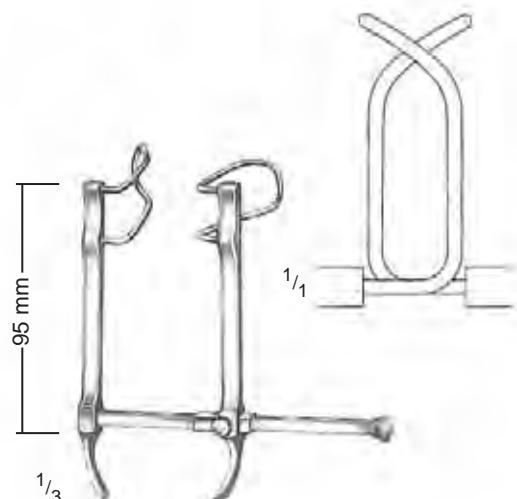
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اکارتور شکمی

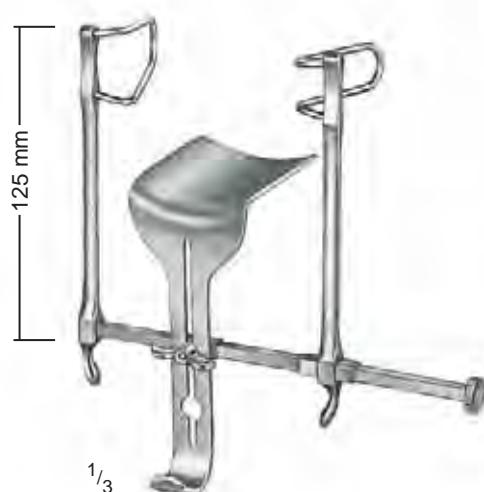
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



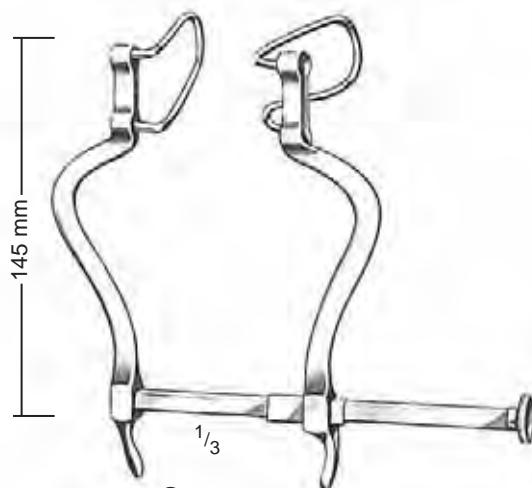
Gosset
10-6210-10



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

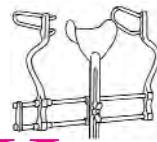
اكارتور شكمي (بالفور)

Bauchdeckenhalter

Abdominal Retractors

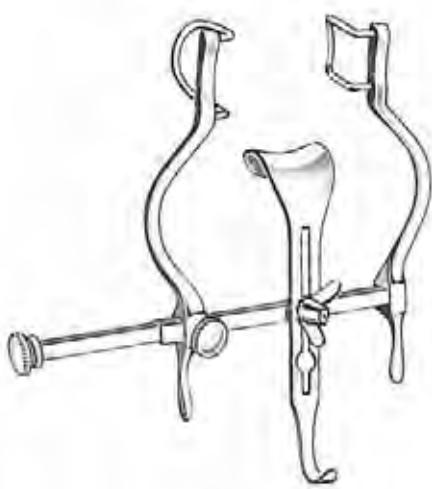
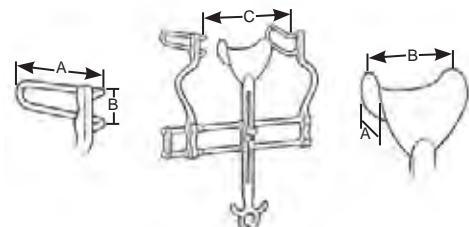
Separadores abdominales

Ecarteurs à paroi abdominale

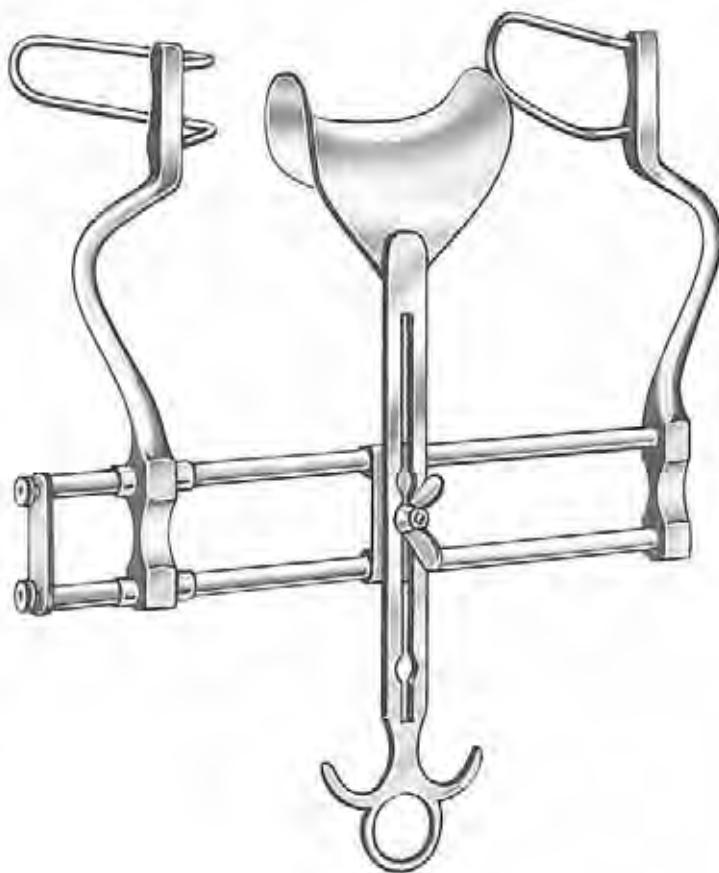


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C

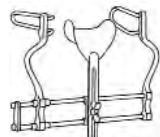


Balfour-Baby
10-6230-09



Balfour
10-6235-12
10-6240-18
10-6246-25

komplett complete completo complète Ref.	Seitl. Valven lateral blades valvas laterales valves latérales Ref.	A	B	Mittelvalven center blades valvas centrales valves centrales Ref.	A	B	C Spreizweite blade opening abertura total écartement total
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

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C**Univer®**

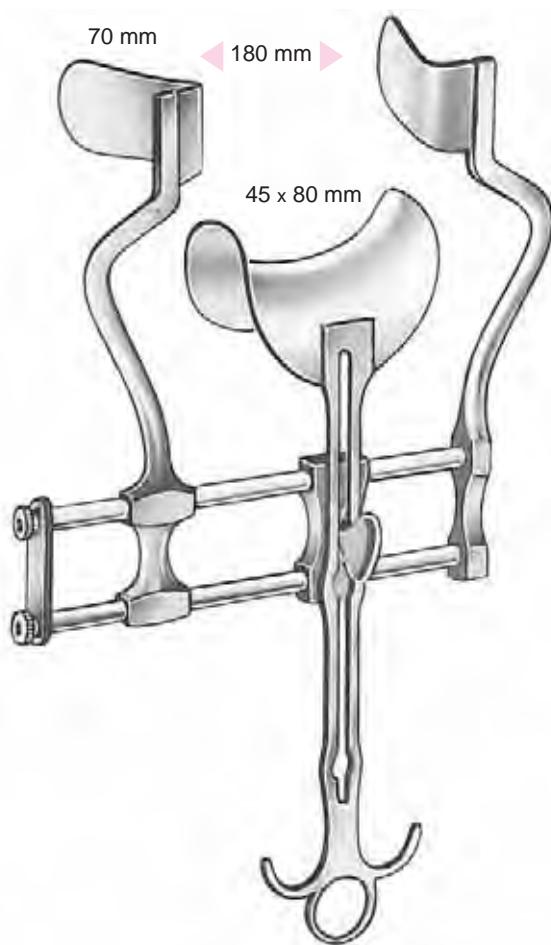
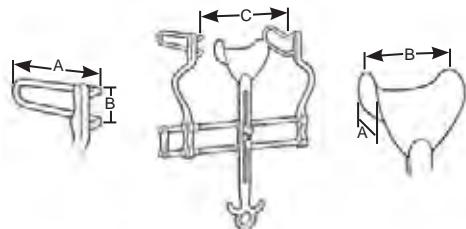
اکارتور شکمی (بالفور)

Bauchdeckenhalter

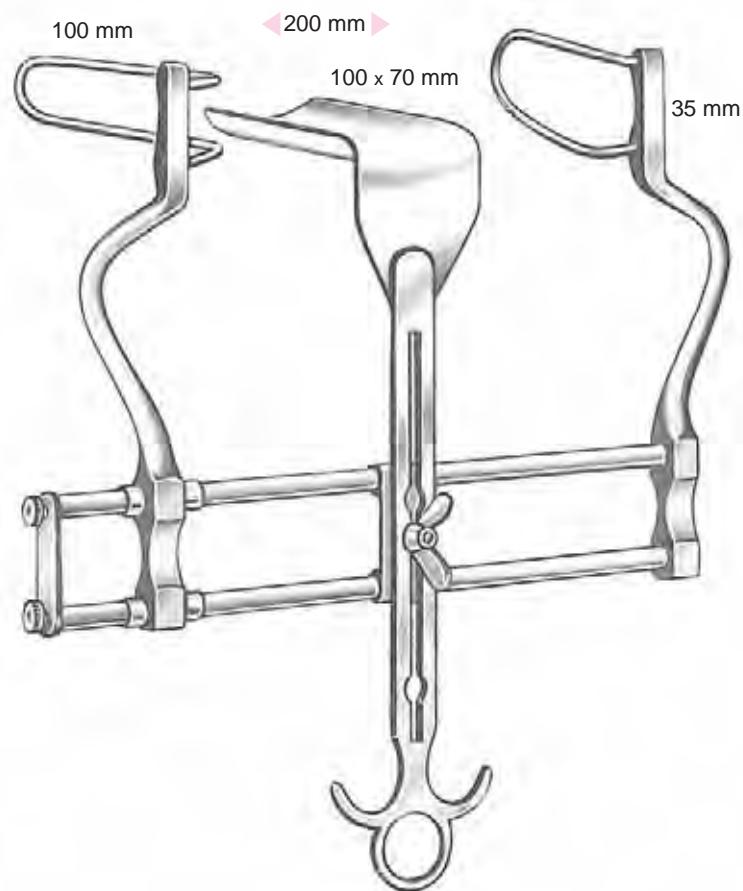
Abdominal Retractors

Separadores abdominales

Ecarteurs à paroi abdominale

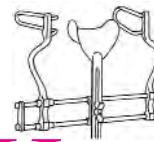


Balfour
10-6248-18



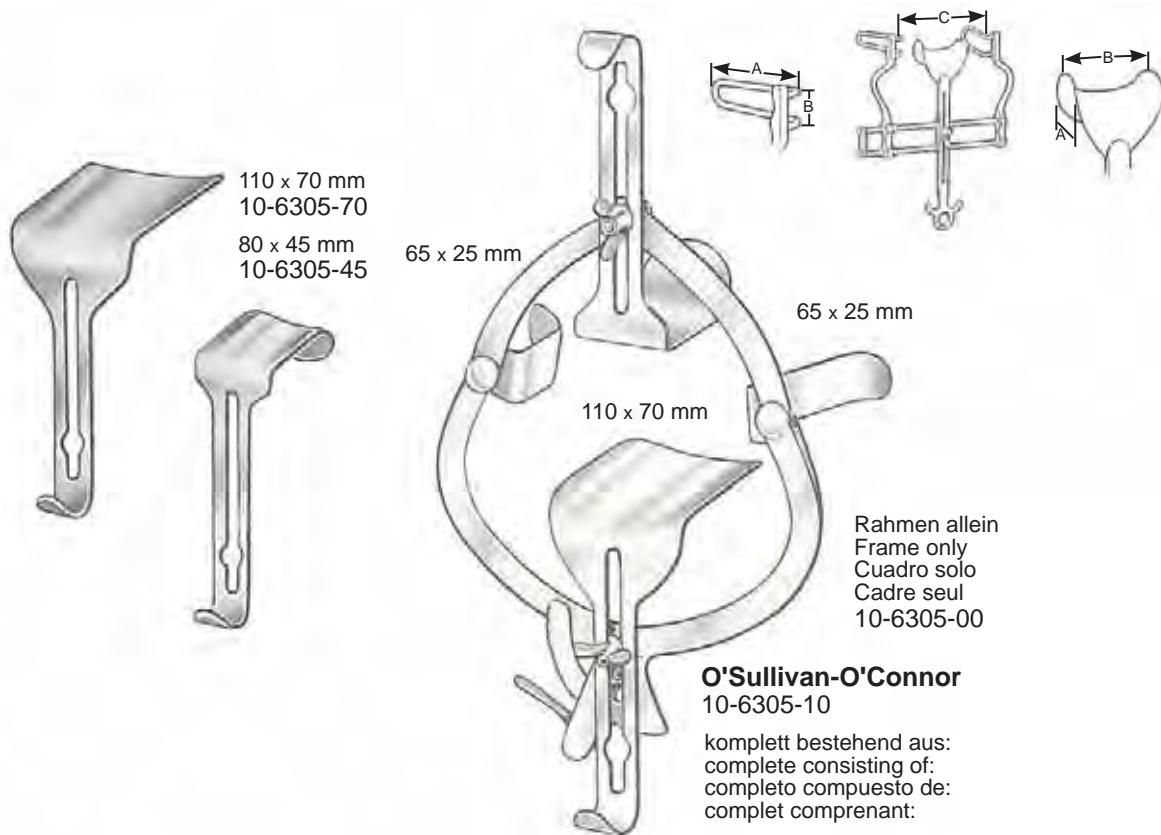
Balfour
10-6244-20

komplett complete completo complète	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 70 mm	35 mm 35 mm	10-6256-99 10-6252-45	100 mm 45 mm	70 mm 80 mm	200 mm 180 mm
10-6248-18	-						

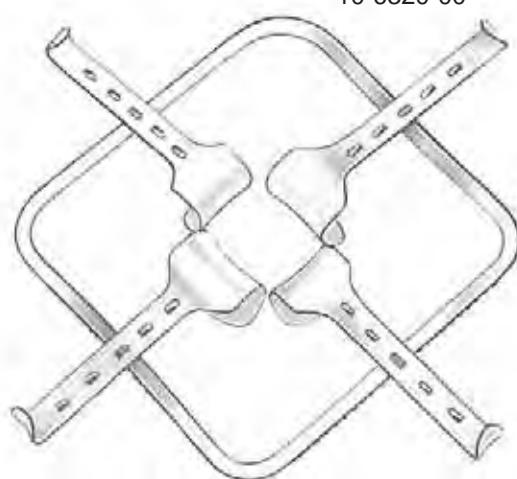


Univer®

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C



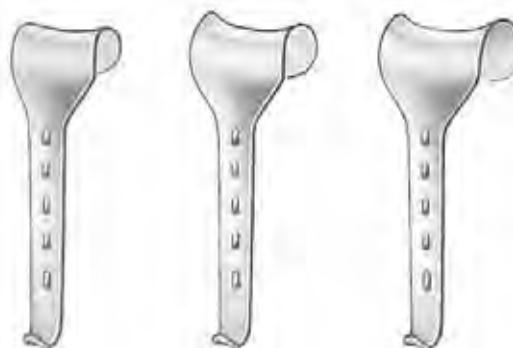
Rahmen allein
Frame only
Cuadro solo
Cadre seul
240 x 240 mm
10-6320-00



Kirschner
10-6320-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complète 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

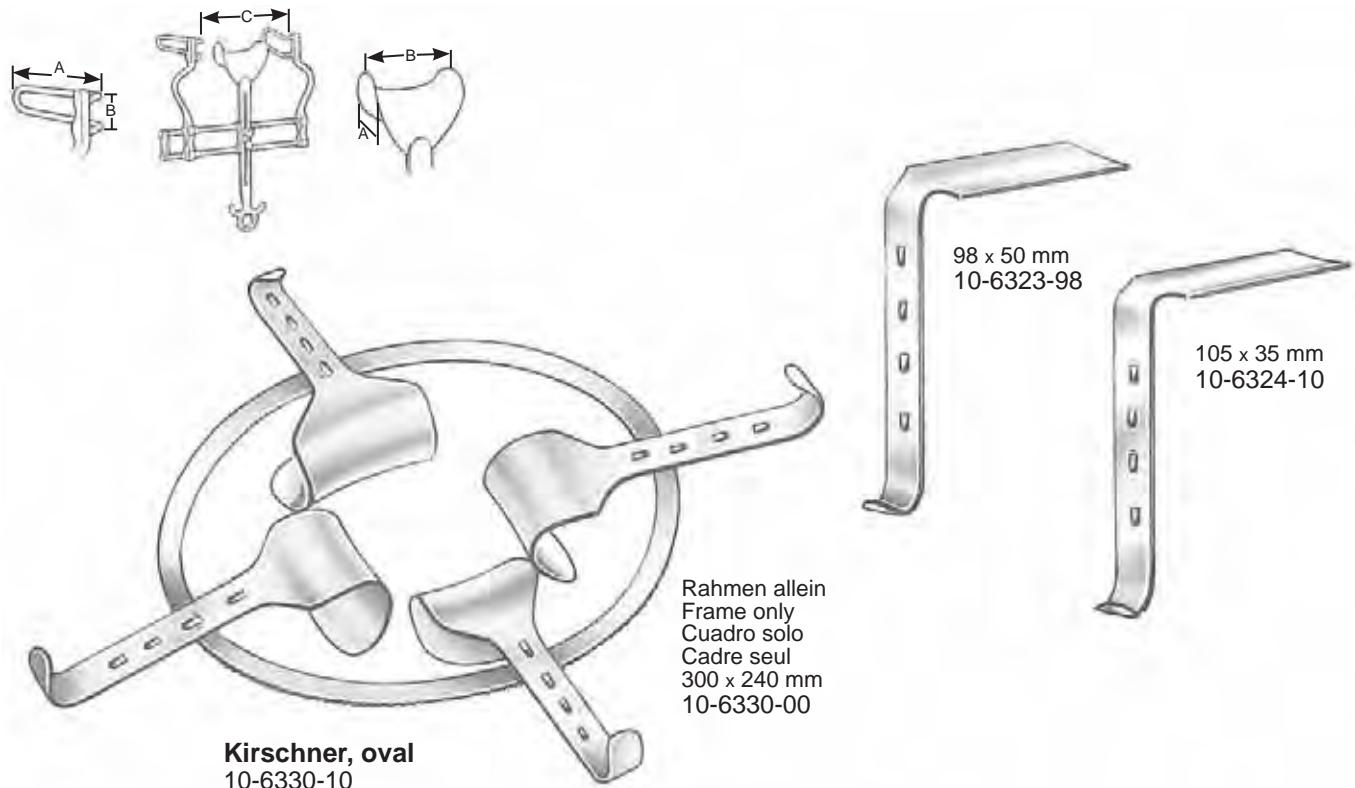
50 x 65 mm
10-6320-50

60 x 85 mm
10-6321-60

10
C



اكارتور شكمي (كريشنر)
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs à paroi abdominale



Kirschner, oval
10-6330-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complèt 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

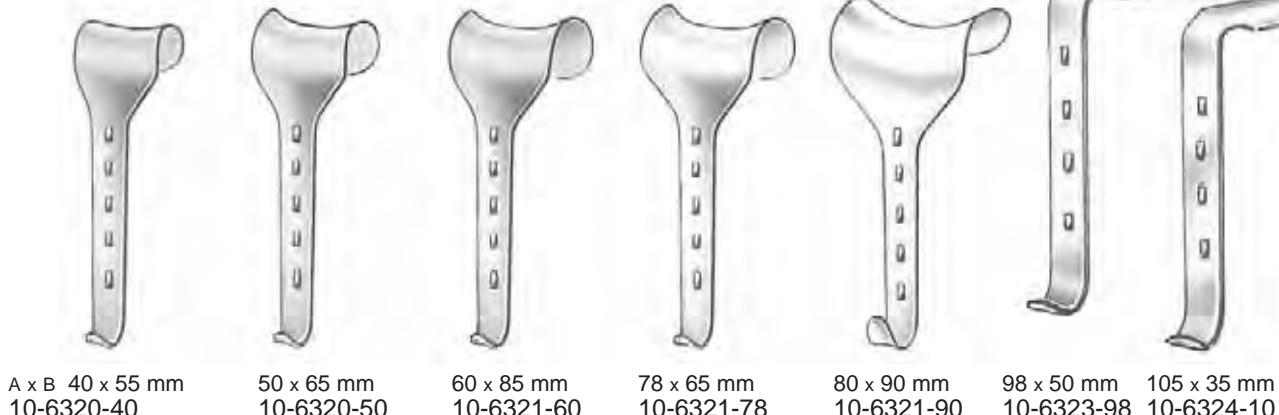
Valven für Kirschner-Bauchdeckenhalter
Blades for Kirschner-Abdominal Retractors
Valvas para separadores abdominales Kirschner
Valves pour écarteurs à paroi abdominale Kirschner



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



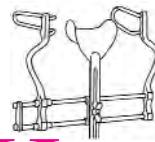
اکارتور شکمی

Bauchdeckenhalter

Abdominal Retractors

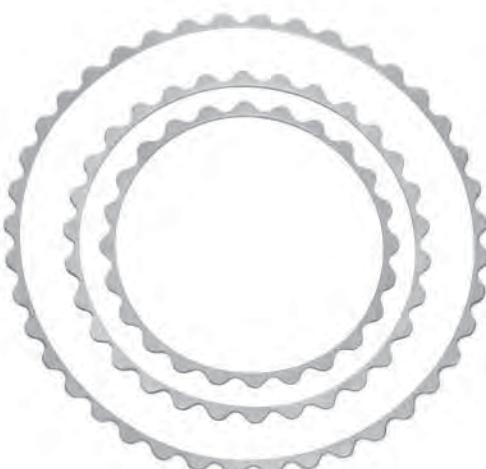
Separadores abdominales

Ecarteurs à paroi abdominale



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C



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

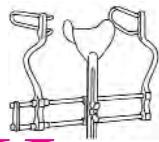


Turner - WARWICK

457 x 330 mm

Retractor frame, oval
10-6331-10

10
C



Univer®

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

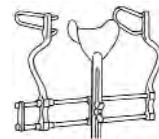
13 mm tief
10-6331-09

اكارتور شكمي (روچارد)
Bauchdeckenhalter

Abdominal Retractors

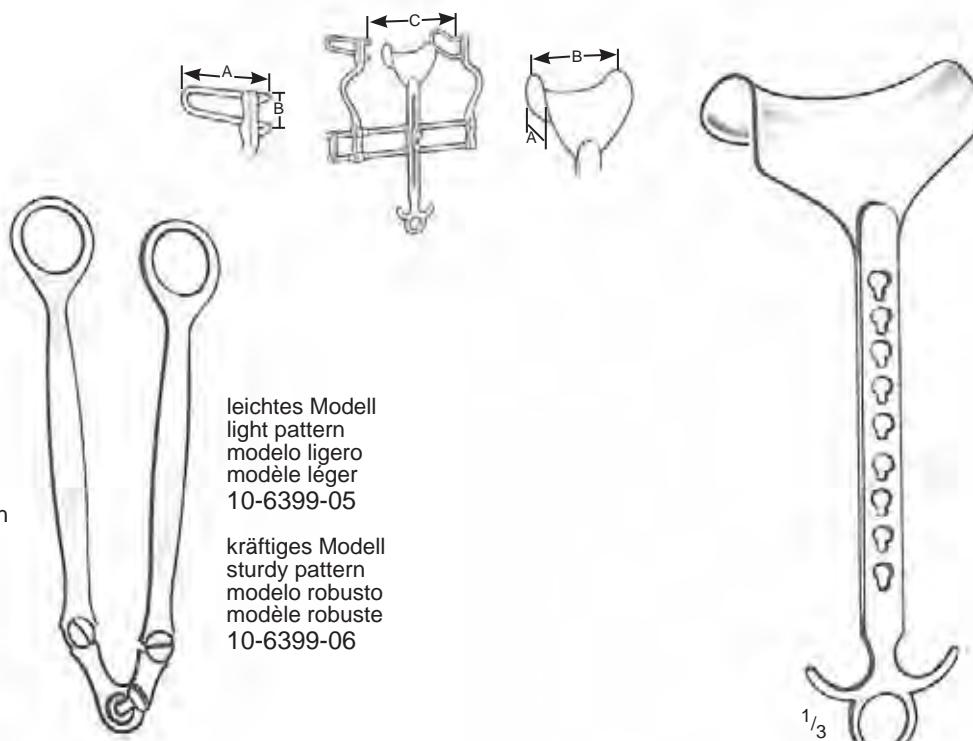
Separadores abdominales

Ecarteurs à paroi abdominale



Univer®

10
C



Rochard

19 cm/7^{3/4}"

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

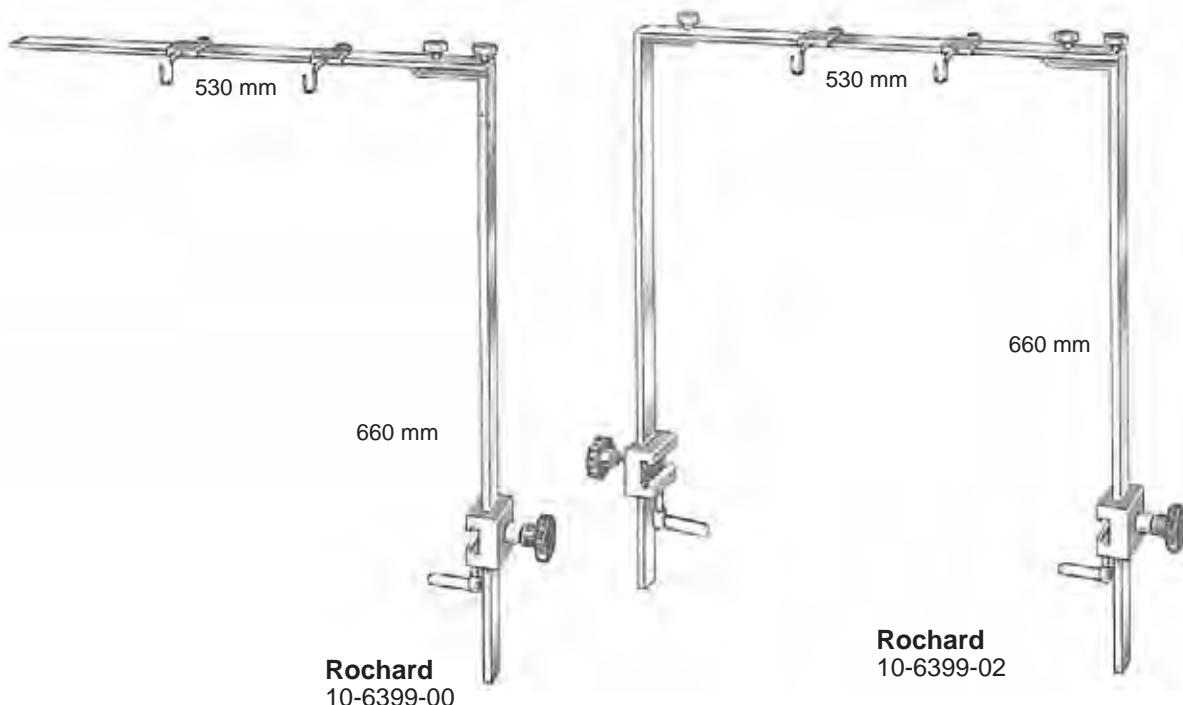
10-6399-06

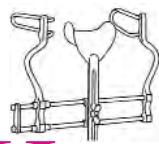
Rochard

27 cm/10^{1/2}"

10-6399-10	50 x 95 mm, 2" x 3 ^{3/4} "
10-6399-15	50 x 105 mm, 2" x 4 ^{1/8} "
10-6399-20	60 x 120 mm, 2 ^{3/8} " x 4 ^{3/4} "
10-6399-25	60 x 135 mm, 2 ^{3/8} " x 5 ^{1/4} "
10-6399-30	60 x 155 mm, 2 ^{3/8} " x 6 ^{1/8} "

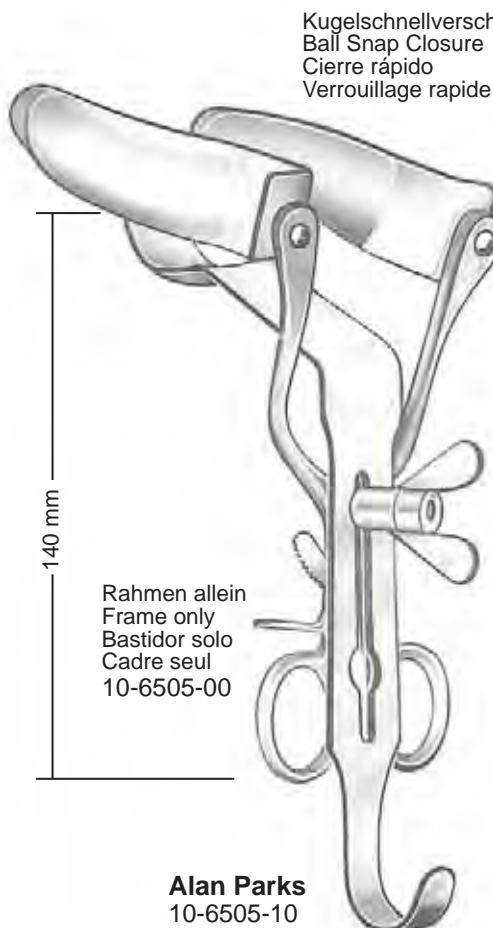
Befestigungsrahmen für OP-Tische
Mounting Frames for Operating Tables
Dispositivos de fijación para mesas de quirófano
Dispositifs de fixation pour tables d'opération



10
C**Univer®**

اسپر ایدر رکتو م

Anal Spreader
Rectal Spreaders
Separadores rectales
Ecarteurs rectaux

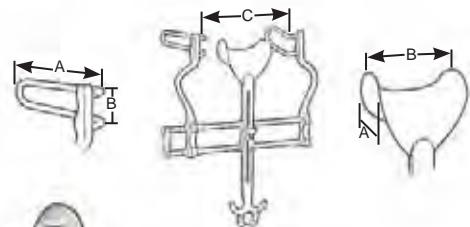


Alan Parks
10-6505-10

komplett bestehend aus:
complete consisting of:
completo compuesto por:
complet comprendant:

- 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

Kugelschnellverschluß
Ball Snap Closure
Cierre rápido
Verrouillage rapide à billes

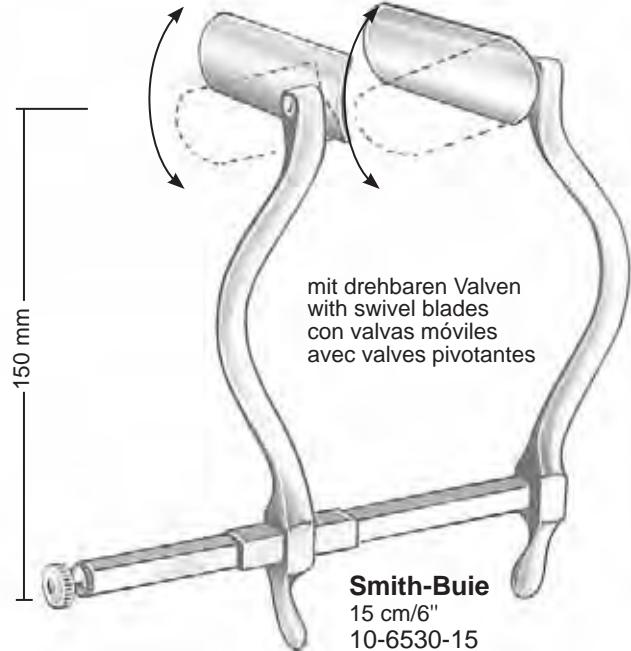


Sphincterblätter
Sphincter blades
Valvas para esfínter
Valves sphinctériennes
10-6505-09

Paar/pair
par/paire

Rektumblätter
Rectal blades
Valvas rectales
Valves rectales
10-6505-07

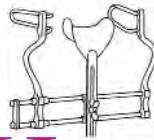
Paar/pair
par/paire



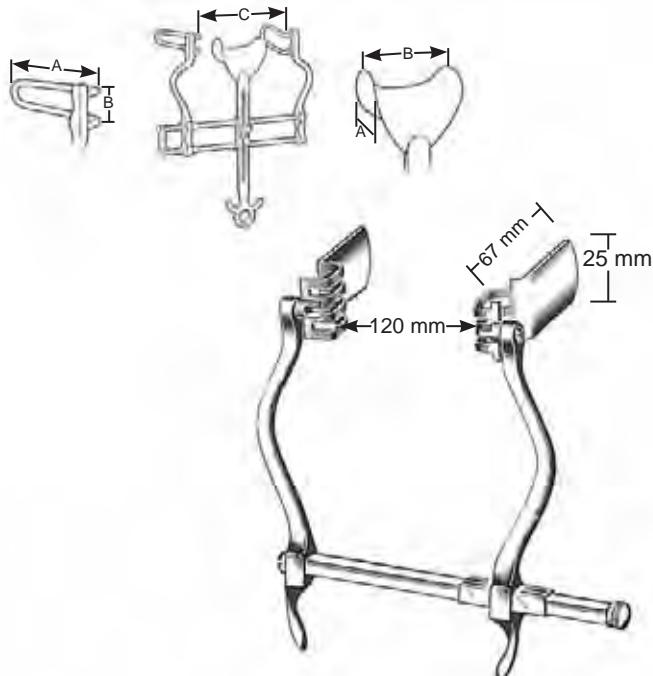
komplett complete completo complète Ref.	Seitl. Valven lateral blades valvas laterales valves latérales Ref.	A		B		Mittelvalve center blade valva central valve médiane Ref.	A		B		Spreizweite blade opening abertura total écartement total C
		A	B	A	B		A	B	A	B	
10-6505-10	10-6505-07 10-6505-09	75 mm 95 mm	24 mm 24 mm	10-6505-95	95 mm	24 mm					70 mm
10-6530-15		70 mm	22 mm								125 mm

انواع اکارتور مثانه

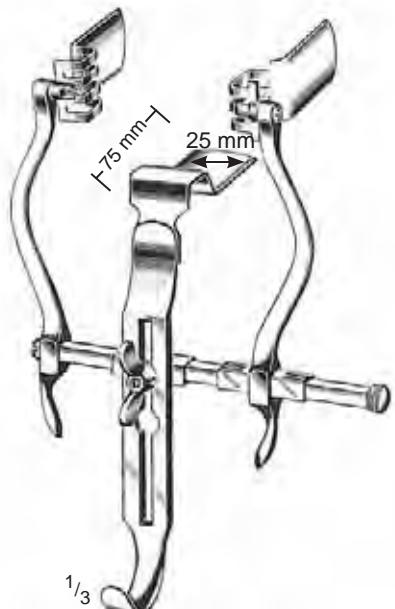
Blasenwundspreizer
Bladder Retractors
Separadores vesicales
Ecarteurs vésicaux



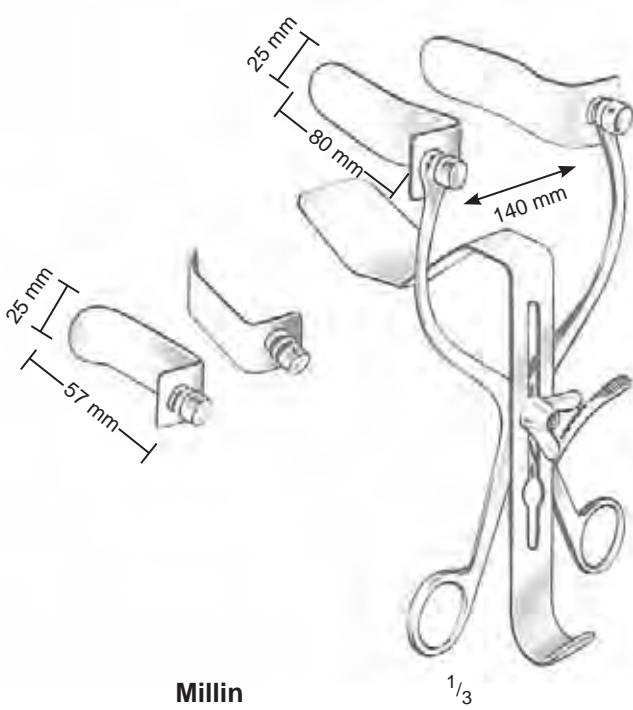
Univer[®] 10C



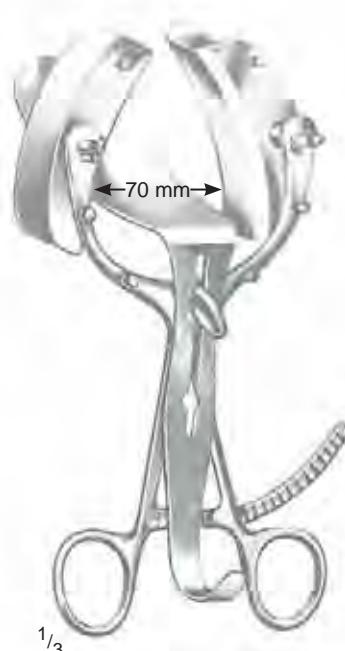
Judd-Masson
10-6610-10



Judd-Masson
10-6620-10



Millin
10-6630-10



Legueu
10-6660-10

28x60 mm
 $1\frac{1}{8}'' \times 2\frac{3}{8}''$
seitl. Valven, Paar
lateral blades, pair
valvas laterales, par
valves latérales, paire
10-6660-28

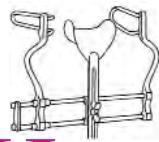
70 x 32 mm
 $2\frac{3}{4}'' \times 1\frac{1}{4}''$
Mittelvalve
center blade
valva central
valve centrale
10-6660-70

Rahmen allein
Frame only
Bastidor solo
Cadre seul
10-6660-90

bestehend aus/consisting of/comuesto 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
complèt

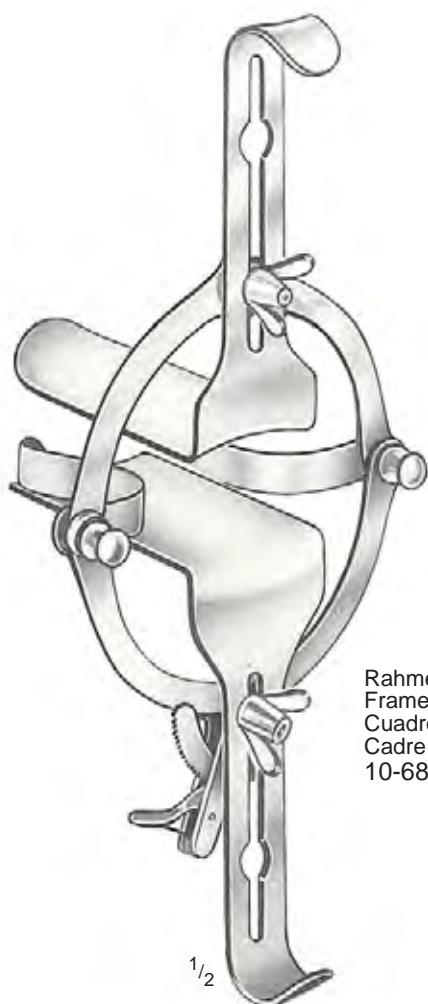
10
C



Univer®

اكارتور 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

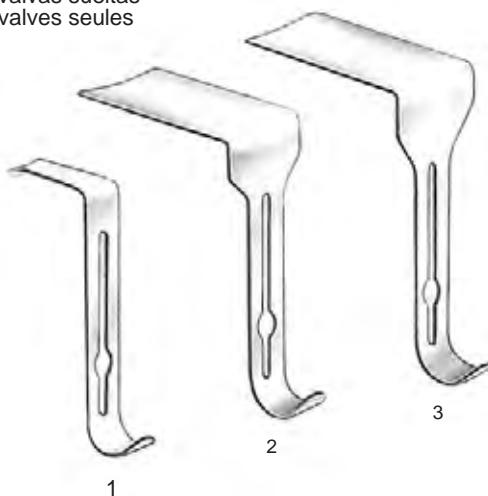


Fig.	a mm	b mm	
1	44	15	10-6810-15
2	85	39	10-6810-39
3	85	45	10-6810-45

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

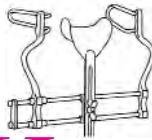
اکارتور واژینال

Vulva-Spreizer

Vaginal Retractors

Separadores para la Vulva

Ecarteurs Vulvaires



Univer® 10C



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 thyoïde et vulva

Gelpi

9 cm/3 1/2" = 10-6830-09

11 cm/4 1/4" = 10-6830-11

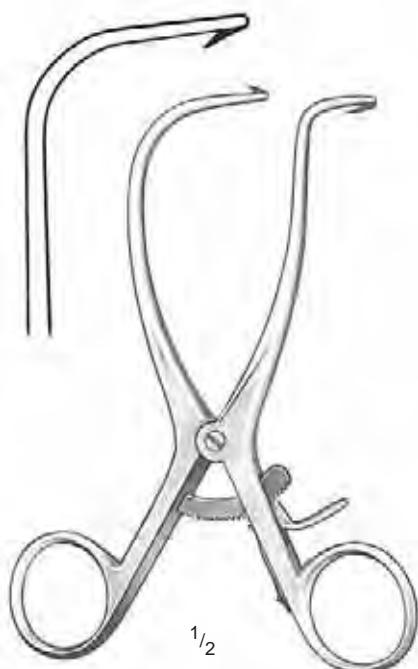
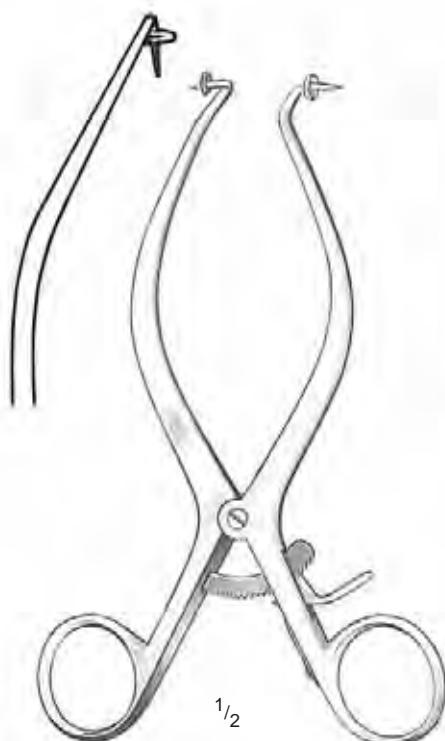
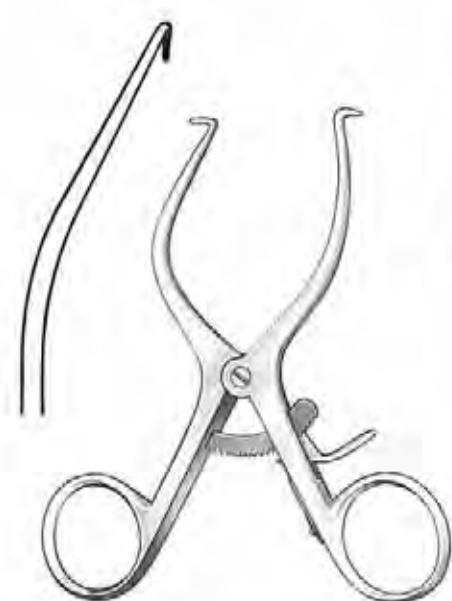
14 cm/5 1/2" = 10-6830-14

16 cm/6 1/4" = 10-6830-16

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، چیزل، گوژ، استوتوم
کورت استخوانی، سوهان، الوبیتور، 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, periostótomas,
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



19 mm Ø
230 g (80 oz.)
19 cm/7 1/2"
15-0008-19 22 cm/8 3/4"
15-0009-19

25 mm Ø
260 g (90 oz.)
19 cm/7 1/2"
15-0008-25 22 cm/8 3/4"
15-0009-25

Lucae



(19,1/4 oz)
30 mm Ø 26,5 cm/10 1/2"
510 g 15-0010-90 50 mm Ø
900 g

Kunststoffgriff
fiber handle
mango de plástico
manche en matière plastique



26,5 cm/10 1/2"
15-0010-90



500 g (17 1/2 oz.)



30 mm Ø
450 g

Kunststoffgriff
fiber handle
mango de plástico
manche en matière plastique



Post Mortem
23,5 cm/9 1/4"
15-0013-23

26 cm/10 1/4"
500 g 15-0011-50
700 g 15-0011-70
1000 g 15-0011-91

Fiber Handle
26 cm/10 1/4"
15-0012-44



Kopf mit Bleifüllung
lead filled head
cabeza con relleno de plomo
alourdi de plomb

15-0014-01

20 mm Ø
150 g (5 1/4 oz.)

Kopf Messing, massiv
head brass, solid
cabeza latón, macizo
tête en laiton, massive

15-0014-02



Ø 27 mm
140 g (5 oz.)

Stahl, massiv
steel, solid
acero, macizo
acier, solide



30 mm Ø
240 g (8 1/2 oz.)

1 Seite flach
1 Seite konkav
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

Hajek
19,5 cm/7 3/4"
15-0022-14

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



22 mm Ø
200 g (7 oz.)

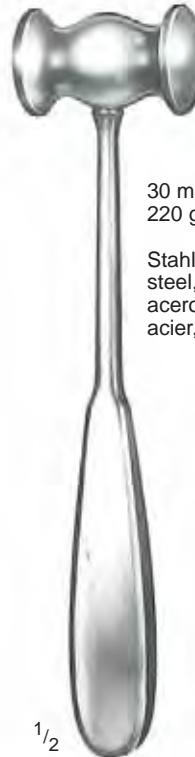
Kopf mit Bielfüllung
lead filled head
cabeza con relleno de plomo
alourdi de plomb

1/2

Partsch
19,5 cm/7 3/4"
15-0068-20



22 mm Ø
165 g (6 oz.)



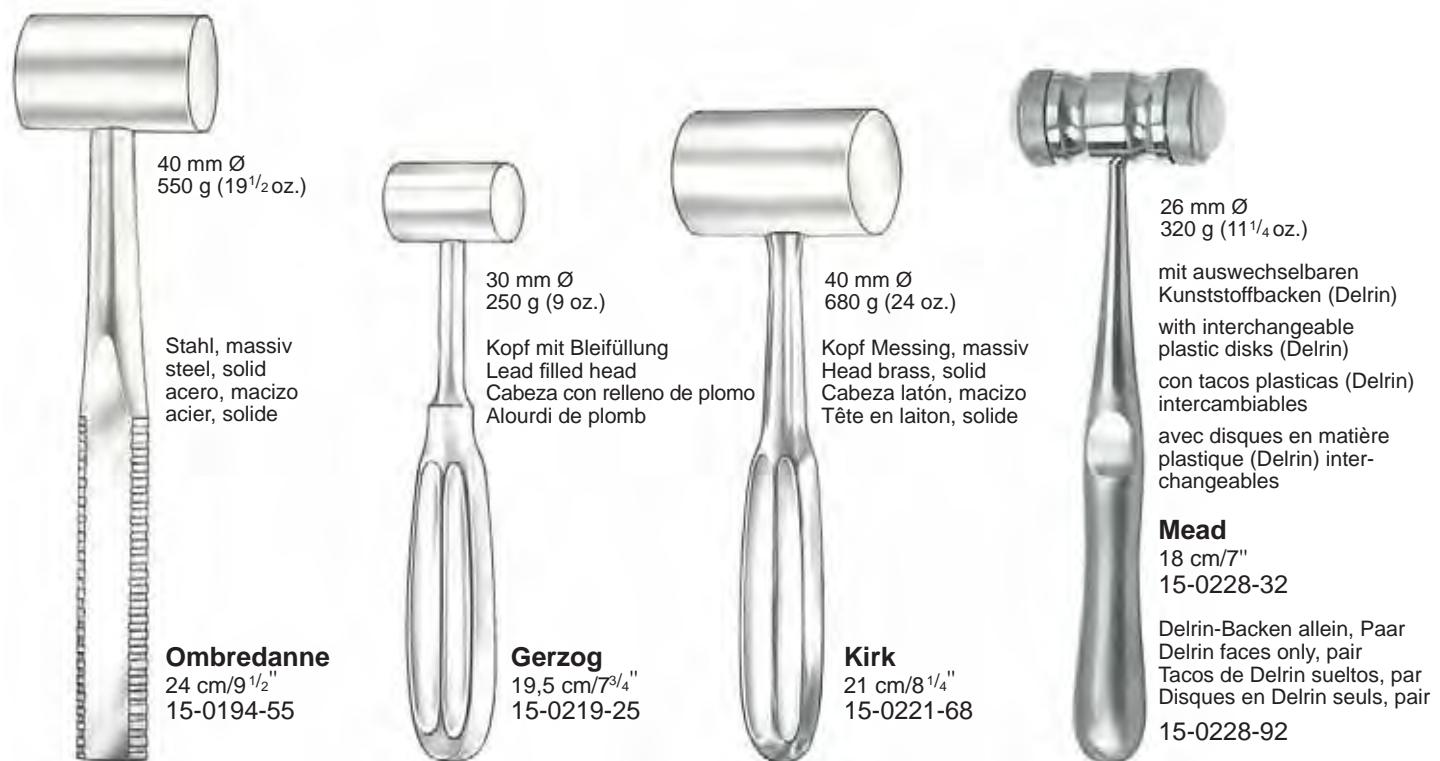
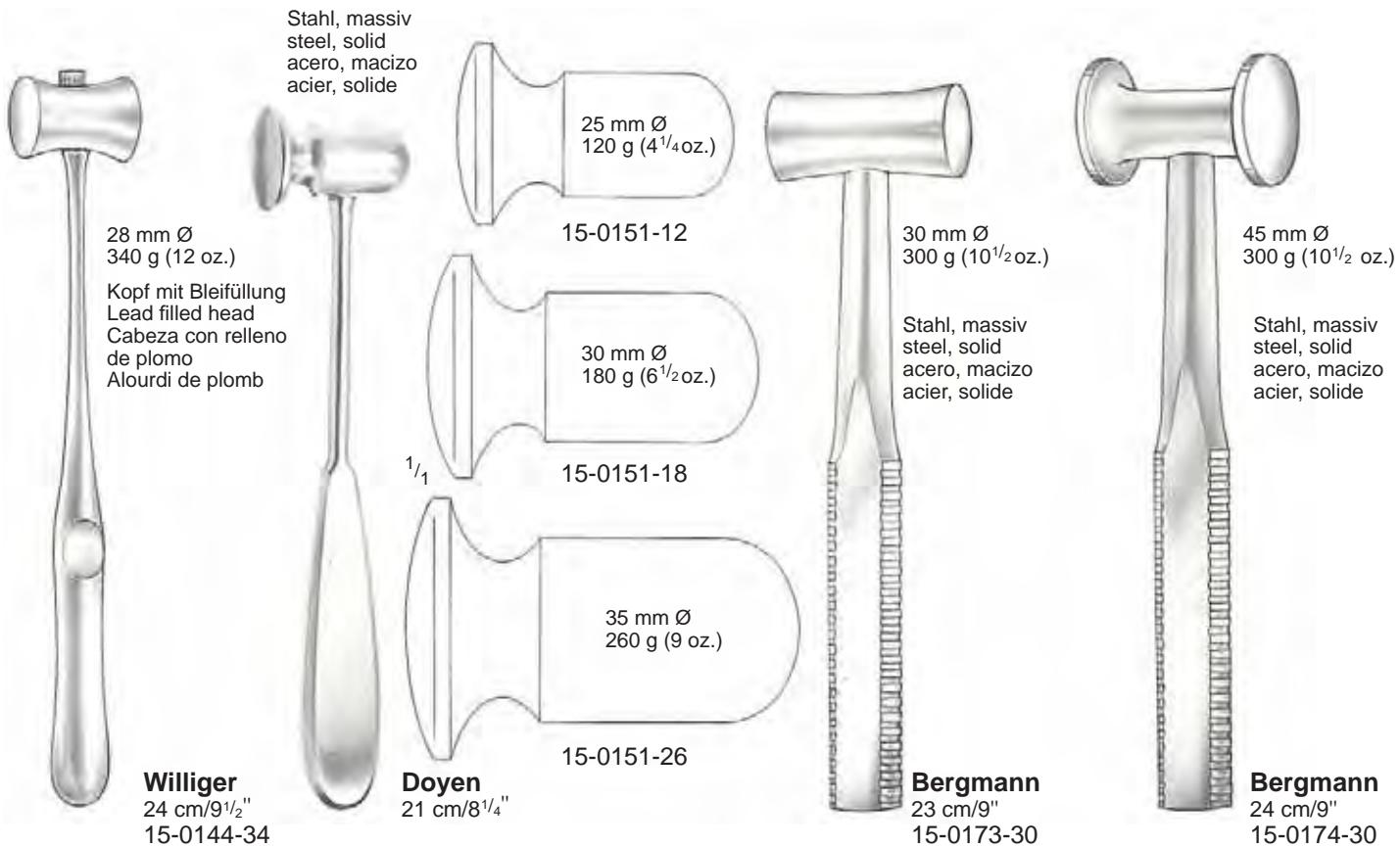
30 mm Ø
220 g (7 3/4 oz.)

Stahl, massiv
steel, solid
acero, macizo
acier, solide

Collin
20 cm/9"
15-0120-20



أنواع چکش

Hämmer**Mallets****Martillos y Mazos****Maillets**

انواع چیزل و گوز ناودانی

Stößel, Flachmeißel, Hohlmeißel, Osteotome

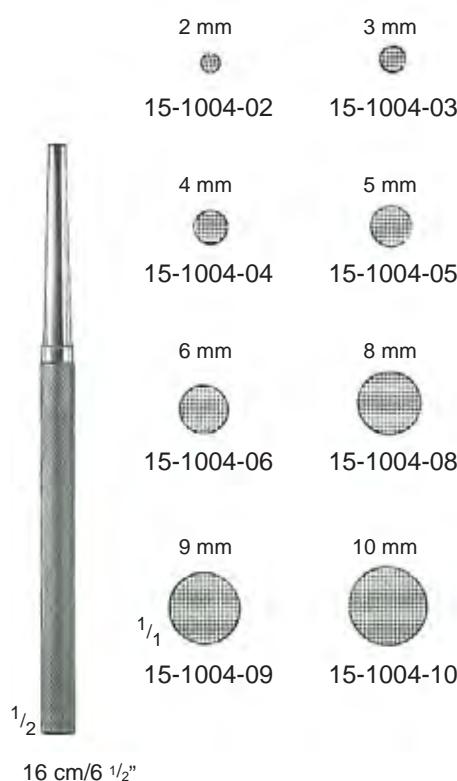
Hemostats, Chisels, Gouges, Osteotomes

Hemostáticos, cinceles, gubias, osteótomas

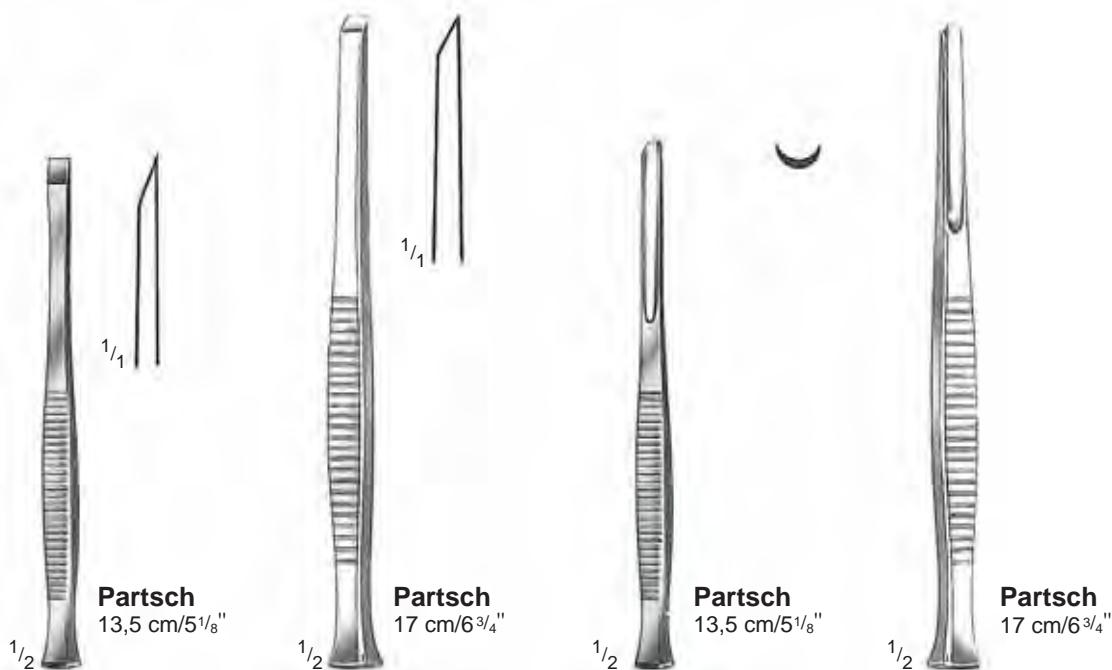
Fouloirs hémostatiques, ciseaux-burins, gouges, ostéotomies



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 چیزل و گوژ

Osteotome Flachmeißel, Hohlmeißel,
Osteotomes, Chisels, Gouges
Osteótomes, cinceles, gubias
Ostéotomes, ciseaux-burins, gouges



Alexander
18 cm/7"

1/2

15-1112-04	4 mm	15-1114-04	4 mm
15-1112-06	6 mm	15-1114-06	6 mm
15-1112-08	8 mm	15-1114-08	8 mm
15-1112-10	10 mm	15-1114-10	10 mm
15-1112-12	12 mm	15-1114-12	12 mm
15-1112-14	14 mm	15-1114-14	14 mm



Alexander
18 cm/7"

1



Stille
20 cm/8"

1/2

15-1131-10	10 mm
15-1131-12	12 mm
15-1131-15	15 mm
15-1131-20	20 mm
15-1131-25	25 mm
15-1131-30	30 mm



1/1



Stille
20 cm/8"

15-1132-06	6 mm
15-1132-08	8 mm
15-1132-10	10 mm
15-1132-12	12 mm
15-1132-15	15 mm
15-1132-20	20 mm
15-1132-25	25 mm
15-1132-30	30 mm



15-1130-06	6 mm
15-1130-08	8 mm
15-1130-10	10 mm
15-1130-12	12 mm
15-1130-15	15 mm
15-1130-20	20 mm
15-1130-25	25 mm
15-1130-30	30 mm

Stille
20 cm/8"

1/2



Stille
20 cm/8"

15-1134-06	6 mm
15-1134-08	8 mm
15-1134-10	10 mm
15-1134-12	12 mm
15-1134-15	15 mm
15-1134-20	20 mm
15-1134-25	25 mm
15-1134-30	30 mm

Stille
20 cm/8"

1/2

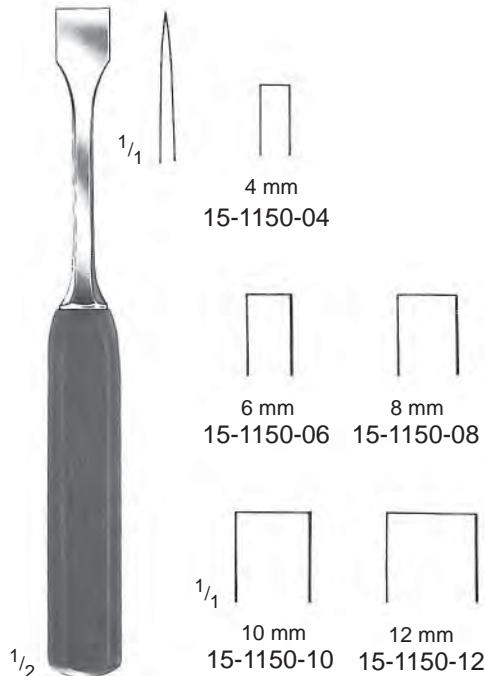
15-1135-06	6 mm
15-1135-08	8 mm
15-1135-10	10 mm
15-1135-12	12 mm
15-1135-15	15 mm
15-1135-20	20 mm
15-1135-25	25 mm
15-1135-30	30 mm

أنواع گوژ و استوتوم

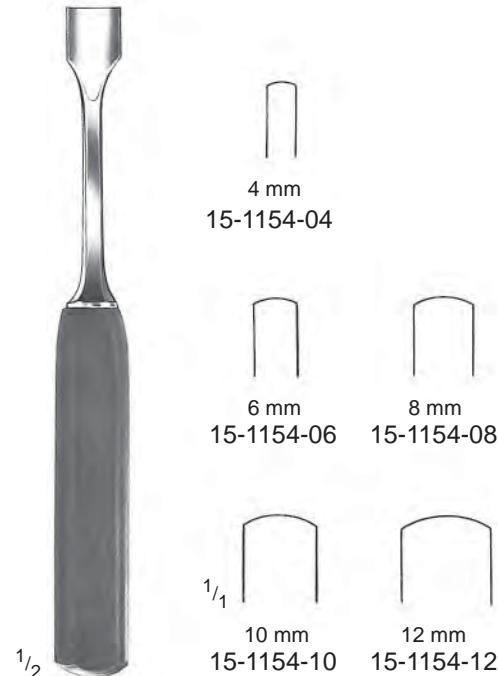
Flachmeißel, Hohlmeißel, mit Ferrozell (Novotex) -Griff
 Chisels, Gouges, with Ferrozell (Novotex) Handles
 Cinceles, gubias, con mangos de Ferrozell (Novotex)
 Ciseaux-burins, gouges, manche en Ferrozell (Novotex)



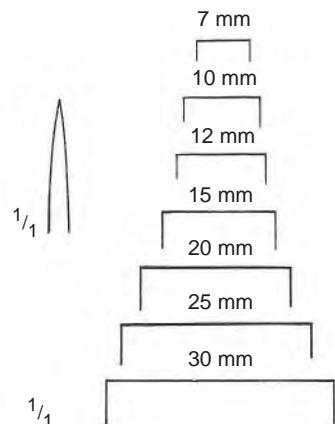
Univer® 15



Mini-Lexer
 18 cm/7"



Mini-Lexer
 18 cm/7"



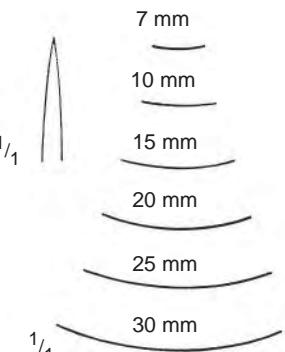
15-1160-07	7 mm	15-1161-07
15-1160-10	10 mm	15-1161-10
15-1160-12	12 mm	15-1161-12
15-1160-15	15 mm	15-1161-15
15-1160-20	20 mm	15-1161-20
15-1160-25	25 mm	
15-1160-30	30 mm	



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

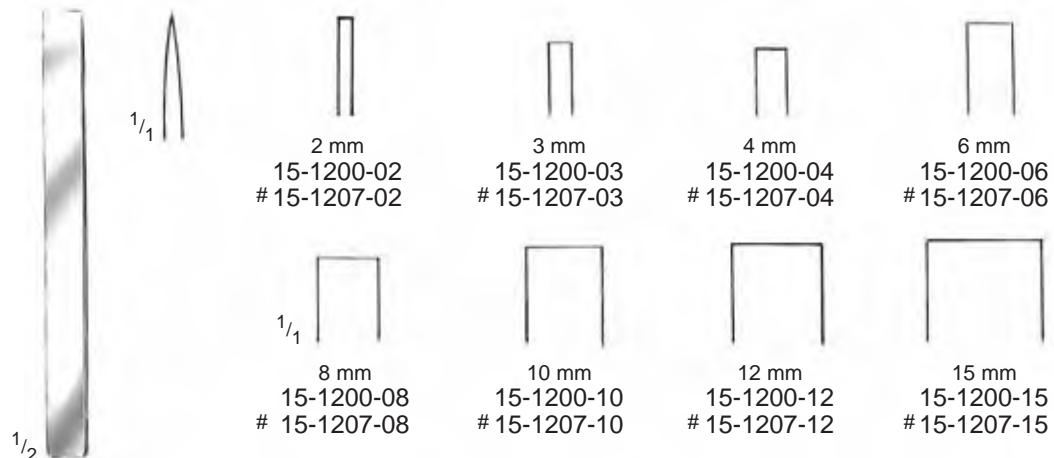
1/2

Lexer
 22 cm/8 3/4"



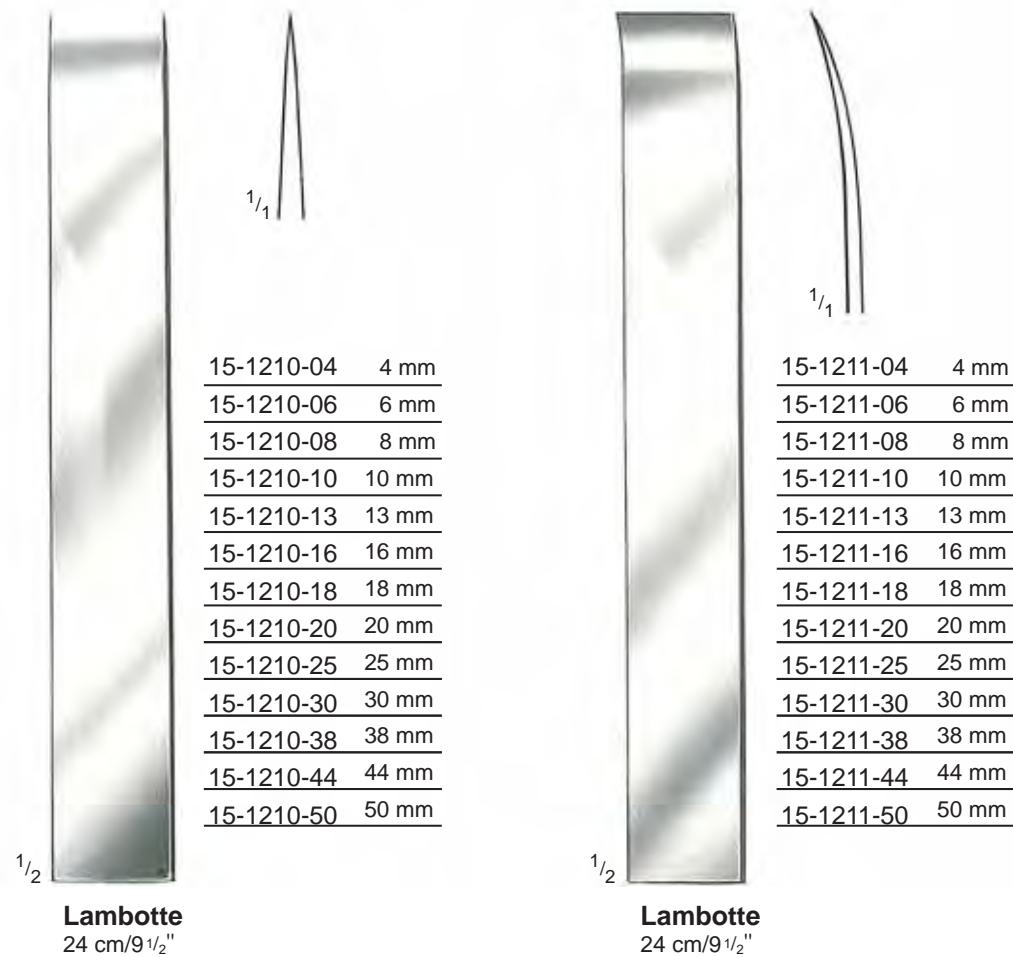
نوع استوتوم تخت

Osteotome
Osteotomes
Osteótomas
Ostéotomes



Mini-Lambotte

12,5 cm/5"
17 cm/6 $\frac{3}{4}$ " #





Smith-Petersen
20 cm/8"



Smith-Petersen
20 cm/8"



Smith-Petersen
20 cm/8"



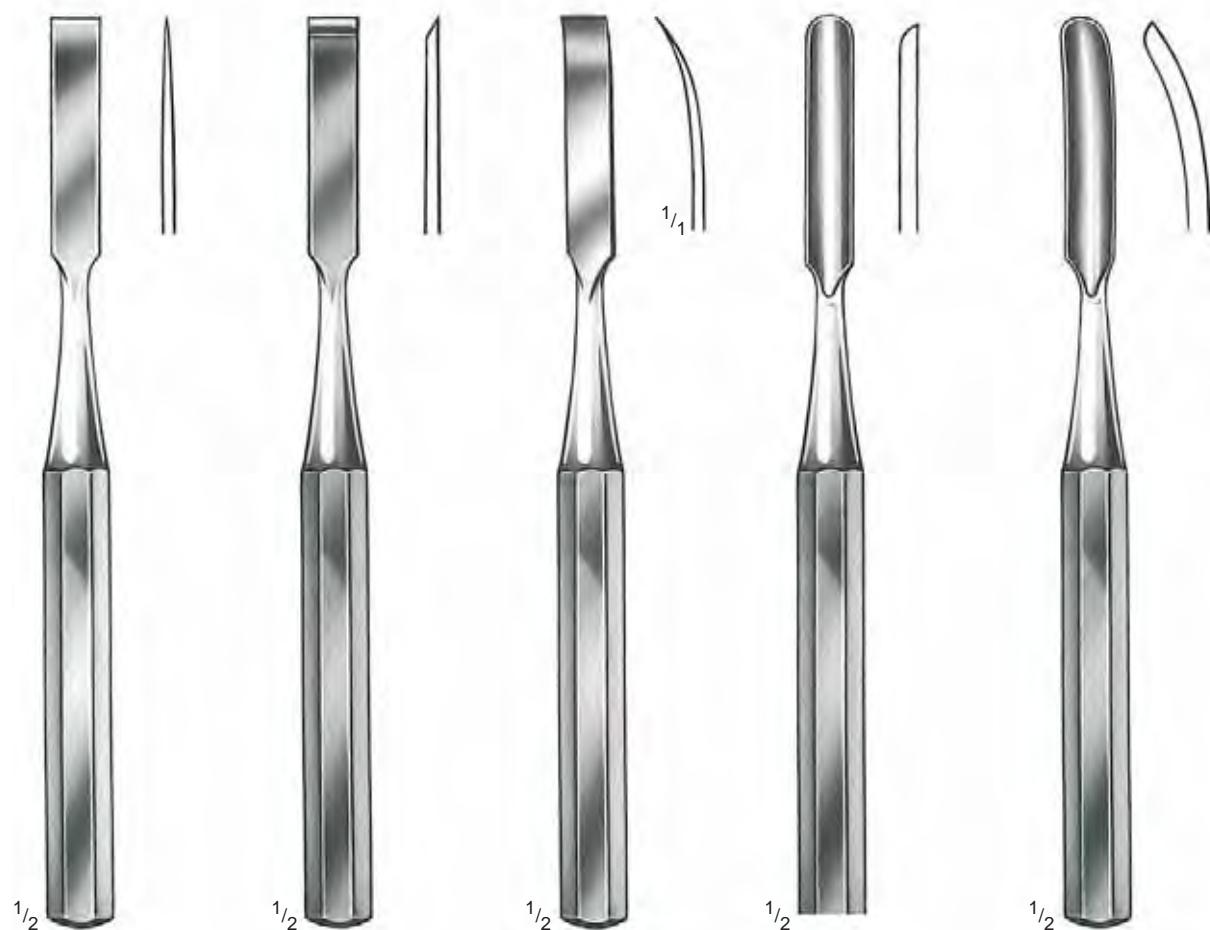
Smith-Petersen
20 cm/8"

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



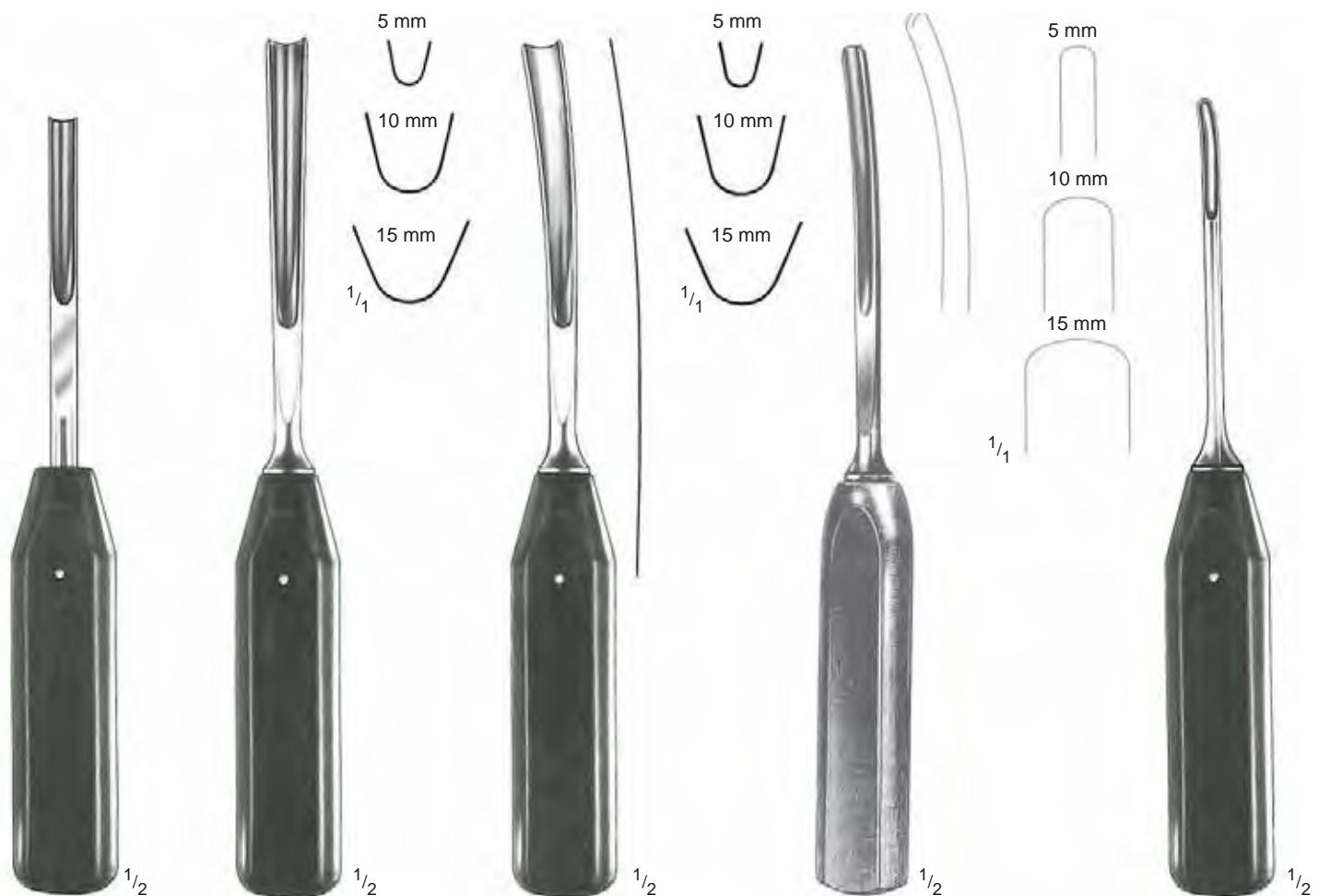
أنواع گوژ و استوتوم

Osteotome, Flachmeißel, Hohlmeißel,
Osteotomes, Chisels, Gouges
Osteótomas, cinceles, gubias
Ostéotomes, ciseaux-burins, gouges



Hibbs
24 cm/9 1/2"

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



22 cm/8^{3/4}"
15-1322-09

25 cm/10"	
15-1324-05	5 mm
15-1324-10	10 mm
15-1324-15	15 mm

25 cm/10"	
15-1325-05	5 mm
15-1325-10	10 mm
15-1325-15	15 mm

Lexer
25 cm/10"
15-1326-05 5 mm
15-1326-10 10 mm
15-1326-15 15 mm

Zielke
23 cm/9"
15-1343-55 5,5 mm
15-1343-90 9,0 mm



أنواع گوژ ناودانی
Hohlmeißel
Gouges
Gubias
Gouges

8 mm



Cobb
28 cm/11"
15-1358-08

8 mm



Cobb
28 cm/11"
15-1358-28

8 mm



Cobb
28 cm/11"
15-1358-48

8 mm



Cobb
28 cm/11"
15-1358-68

انواع گوش و چیزل رینوپلاستی

Flach- und Hohlmeißel für Rhinologie und plastische Operationen

Chisels and Gouges for Rhinology and Plastic Operations

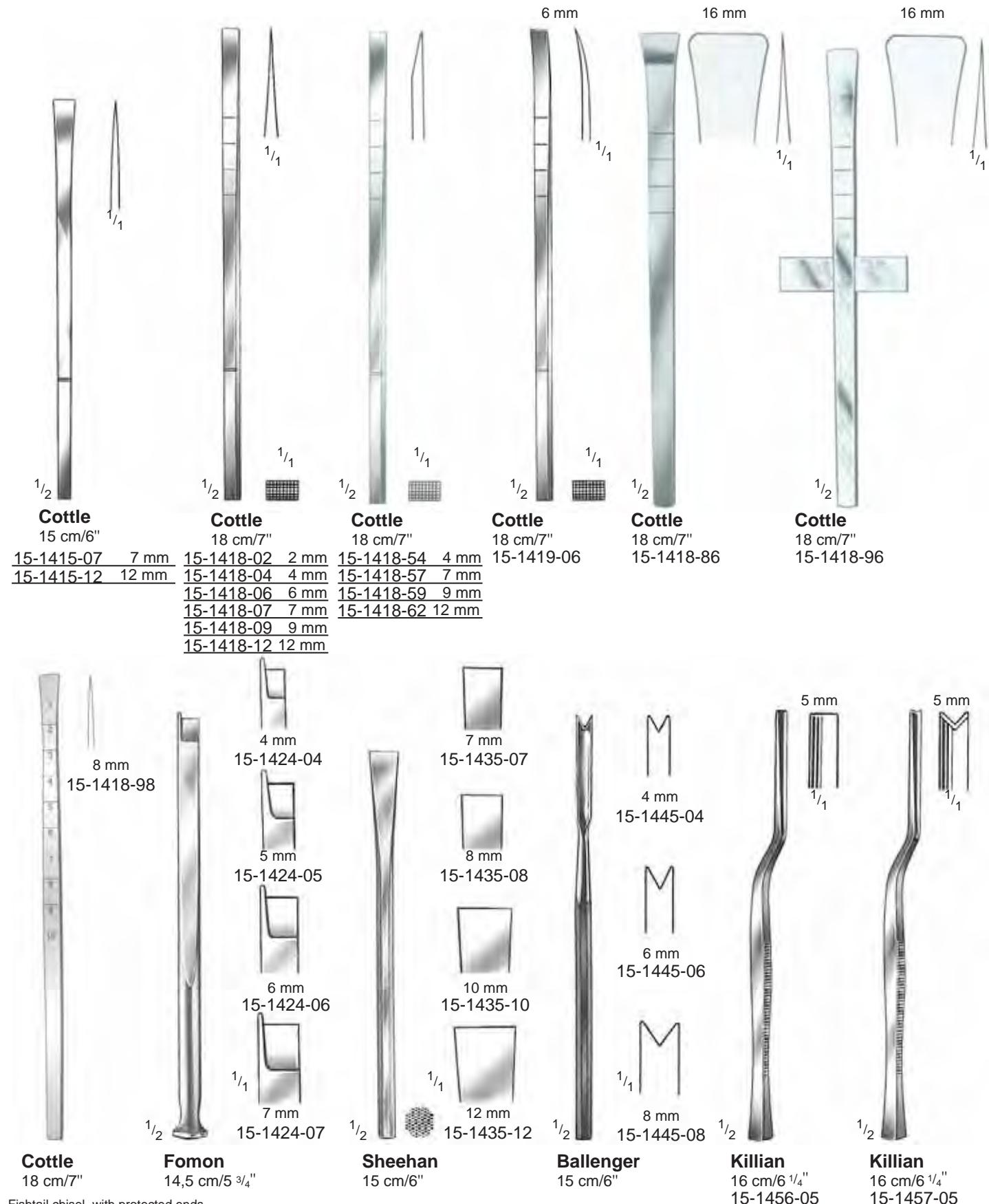
Cinceles y gubias para Rinología y para operaciones plásticas

Ciseaux-burins et gouges pour Rhinologie et pour opérations plastiques



Univer®

15



Fish-tail chisel, with protected ends



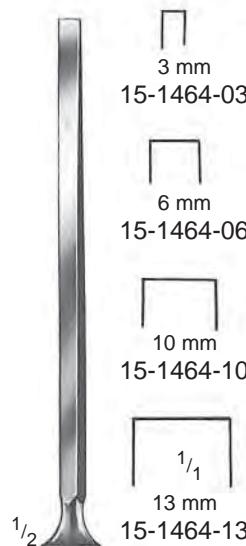
أنواع گوژ و استوتوم بینی (صلیبی - لترال - دبل گارد)

Flach- und Hohlmeißel für Rhinologie und plastische Operationen

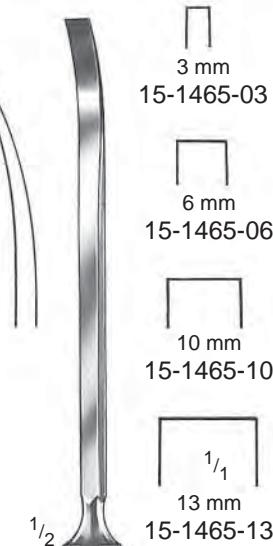
Chisels, Gouges for Rhinology and Plastic Operations

Cinceles y gubias para Rinología y para operaciones plásticas

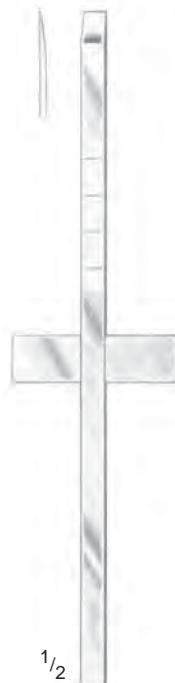
Ciseaux-burins et gouges pour Rhinologie et pour opérations plastiques



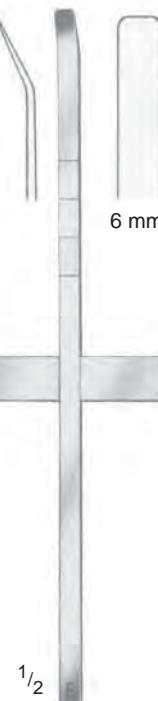
Carroll (French pattern)
14,5 cm/5 3/4"



Carroll (French pattern)
14,5 cm/5 3/4"



Cottle
18 cm/7"



Cottle
18 cm/7"
15-1519-06



10 mm
15-1526-10



12 mm
15-1526-12



14 mm
15-1526-14

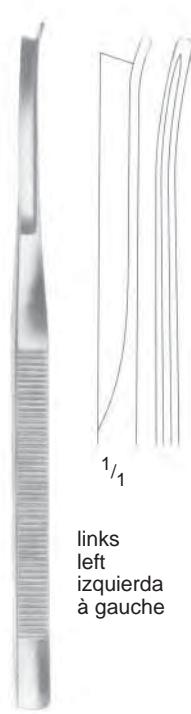


16 mm
15-1526-16



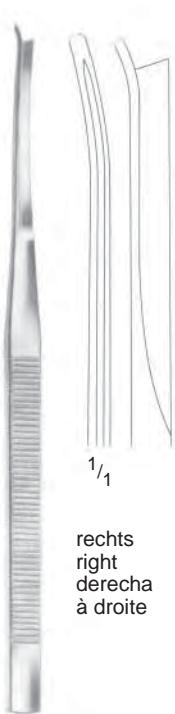
gerade
straight
rectas
droits

1/2



links
left
izquierda
à gauche

1/2



rechts
right
derecha
à droite

1/2

Cinelli
16 cm/6 1/4"

Silver
18 cm/7"
15-1538-01

Silver
18 cm/7"
15-1538-02

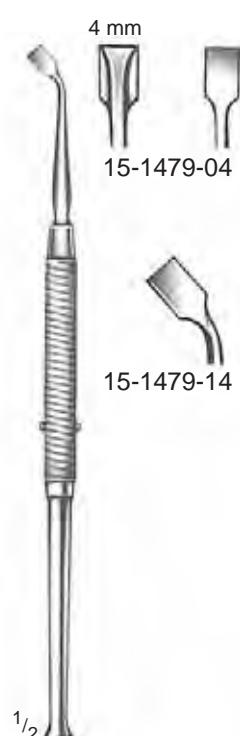
Silver
18 cm/7"
15-1538-03

نوع استوتوٽ و چیزل

Peristome, Flach- und Hohlmeißel
Periosteotomes, Cisels and Gouges
Periostótomos, cinceles y gubias
Périostotomes, ciseaux-burins et gouges



15



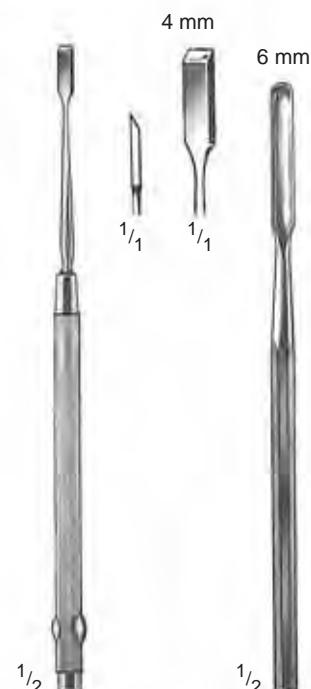
Freer
19 cm/7 1/2"

4 mm
15-1479-04

1/2
15-1479-14



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
 Cincel para la apertura endonasal del seno maxilar
 Gouge pour l'ouverture endonasale du sinus maxillaire

Tränensack-Flachmeißel
 Lachrymal Sac Chisel
 Cincel para saco lacrimal
 Ciseaux -burin pour le sac lacrymal

Tränensack-Hohlmeißel
 Lachrymal Sac Gouge
 Gubia para saco lacrimal
 Gouge pour le sac lacrymal



Faulkner
15 cm/6"
15-1515-15

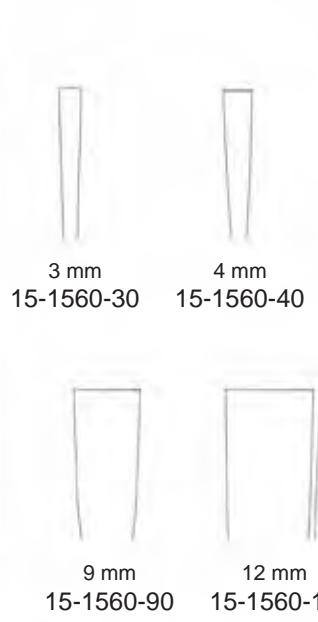


3 mm
15-1558-30
4,5 mm
15-1558-45
1/1

Walter
19 cm/7"

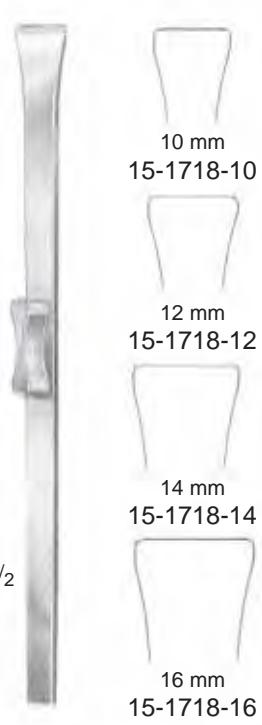


Walter
19 cm/7 1/2"



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



أنواع استوتوه و چیزل

Peristome, Flach- und Hohlmeißel

Periosteotomes, Cisels ans Gouges

Periostótomas, cinceles y gubias

Périostotomes, ciseaux-burins et gouges

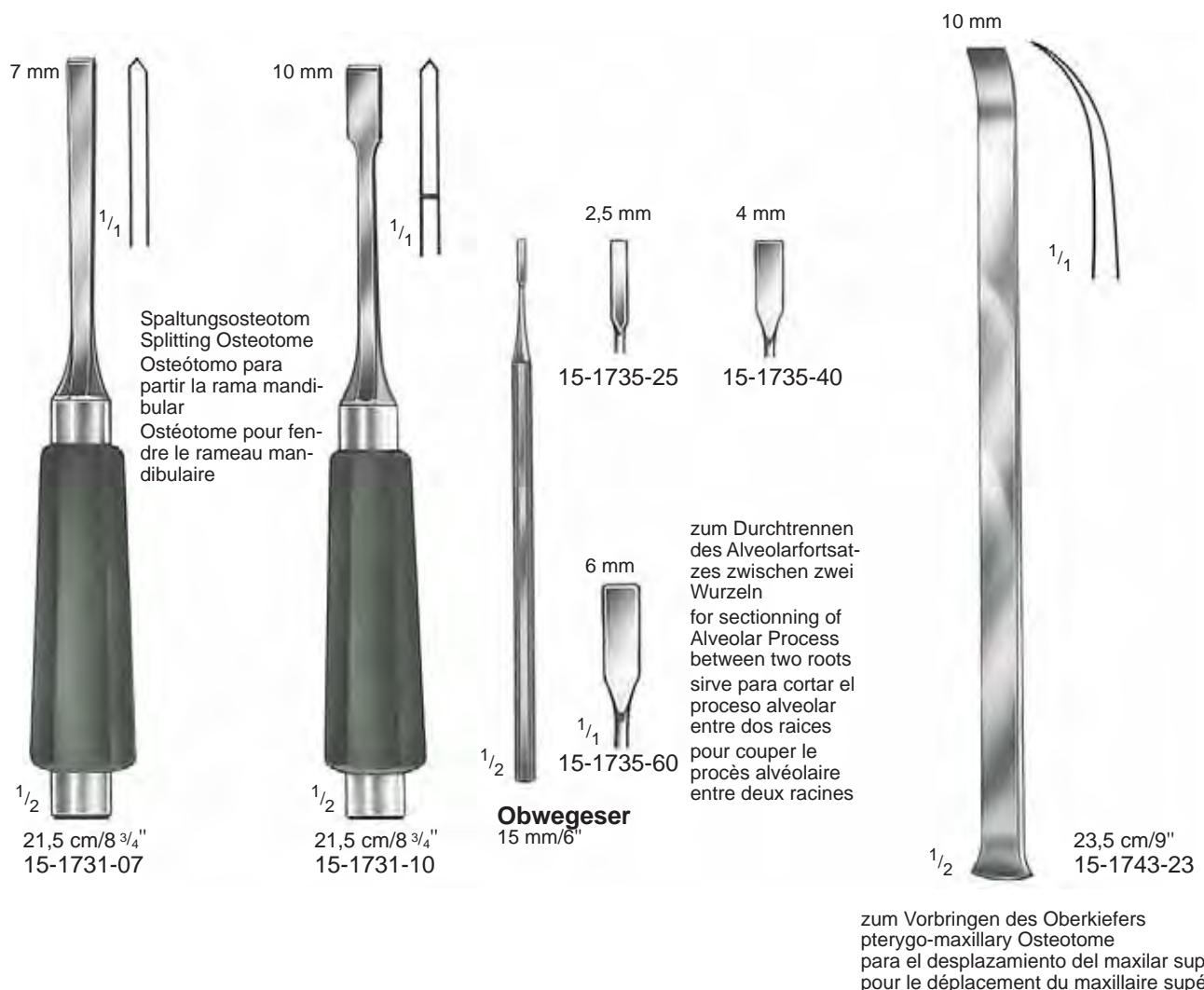
أنواع استوتوه فك بالا

Meißel für die Mund-, Kiefer- und Gesichtschirurgie

Chisels for Oral and Maxillo-Facial Surgery

Osteótomas 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

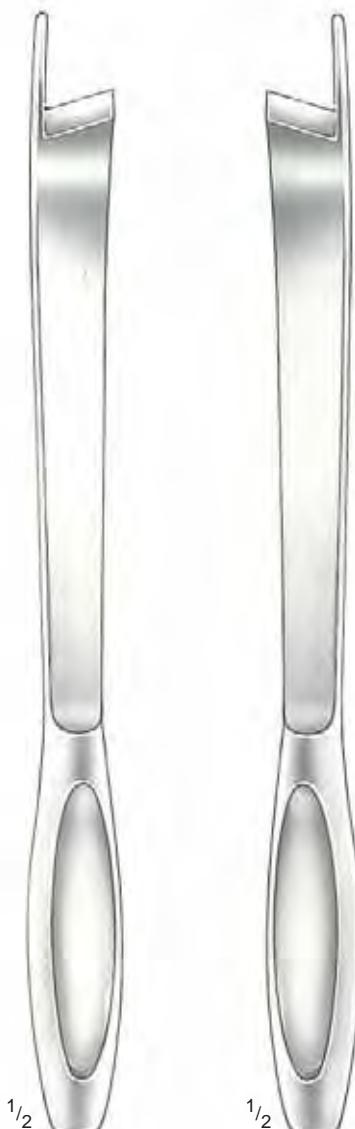
Anatomie, autopsie, sternotome



15

Anatomische Meißel
Dissecting Chisels
Cinceles de disección
Ciseaux à dissection

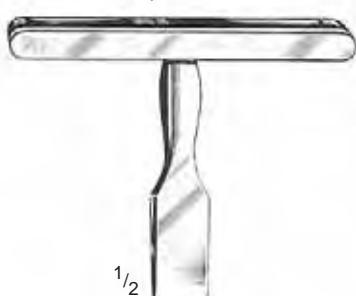
Zum Eröffnen der Wirbelsäule
for opening the spinal column
para abrir la columna vertebral
pour l'ouverture de la colonne vertébrale



Sternummeißel
Sternum Chisel
Cincel para esternón
Sternotome



Schädelspalter
Skull Breaker
Escoplo para cráneo
Burin pour le crâne



Virchow

15-1620-16

Brunetti

28,5 cm/11 1/4"
15-1628-01

Brunetti

28,5 cm/11 1/4"
15-1628-02

Lebsche

24,5 cm/9 3/4"
15-1675-24

15



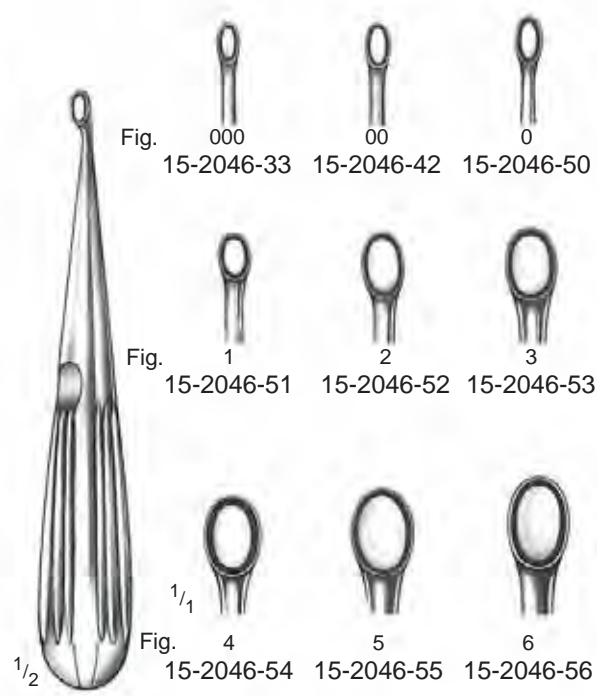
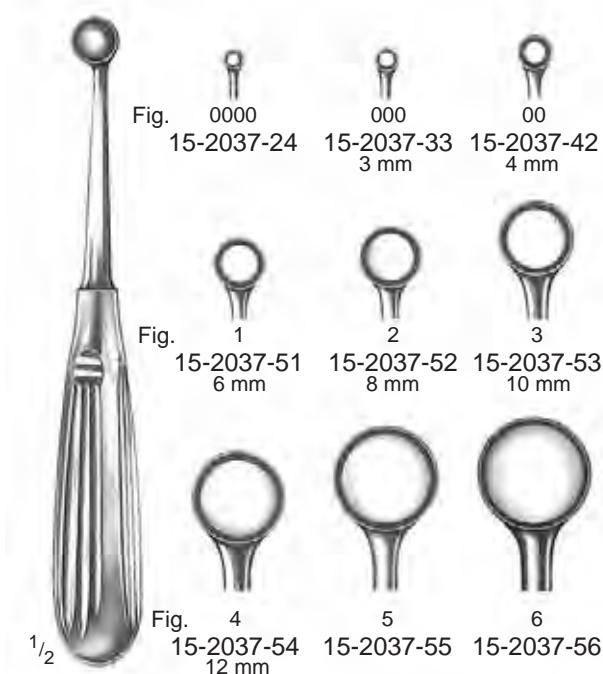
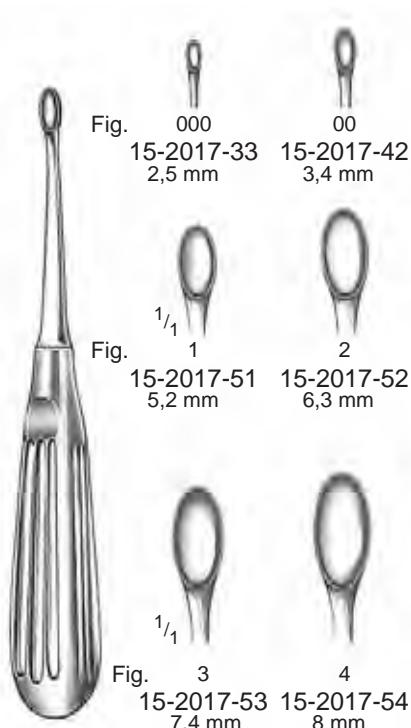
کورت استخوانی کوتاه

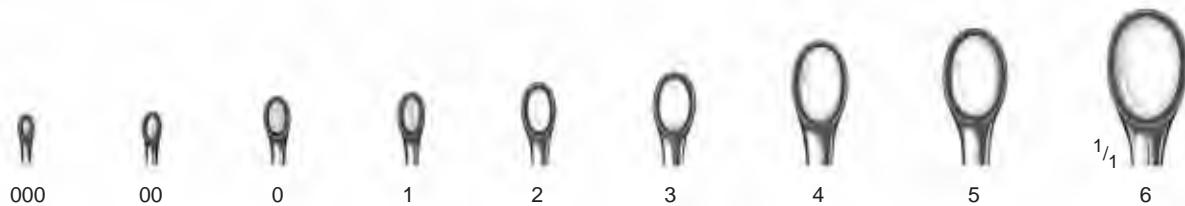
Scharfe Löffel

Bone Curettes

Cucharillas cortantes

Curettes tranchantes





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

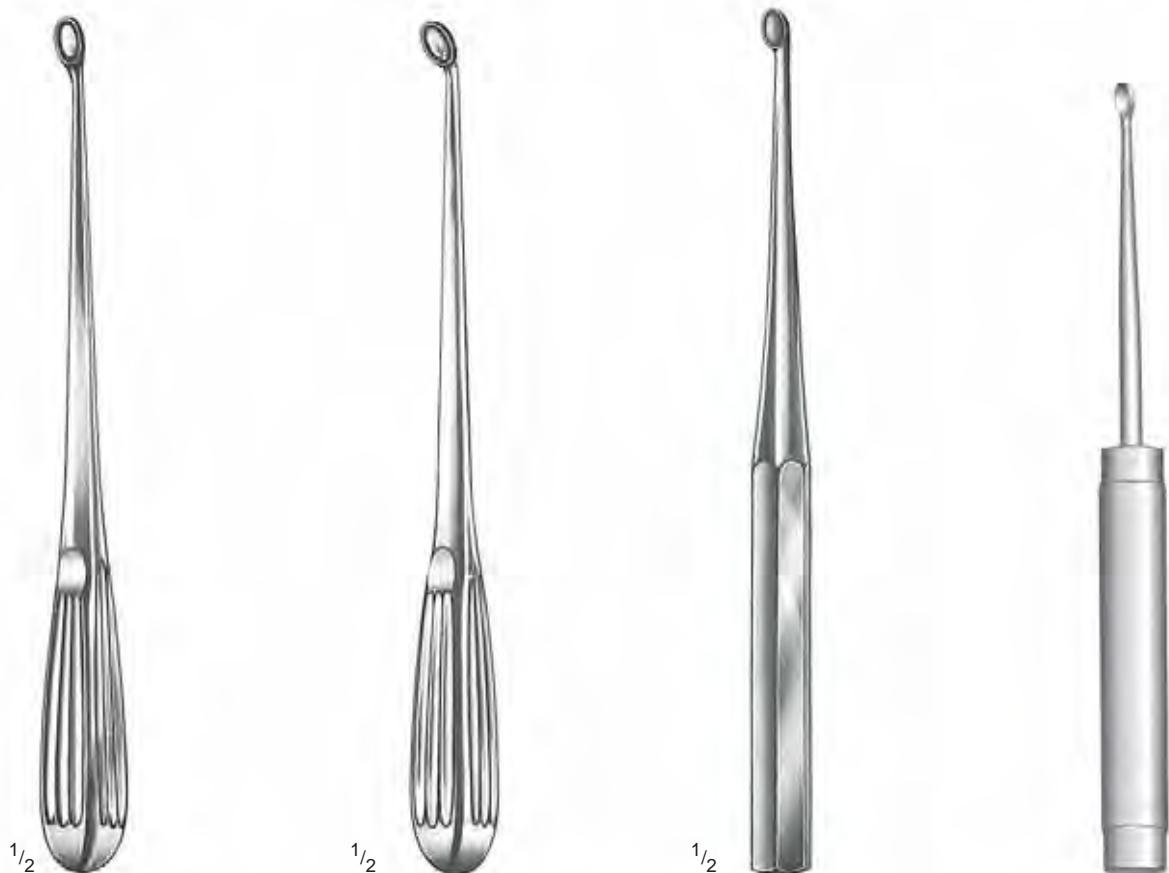
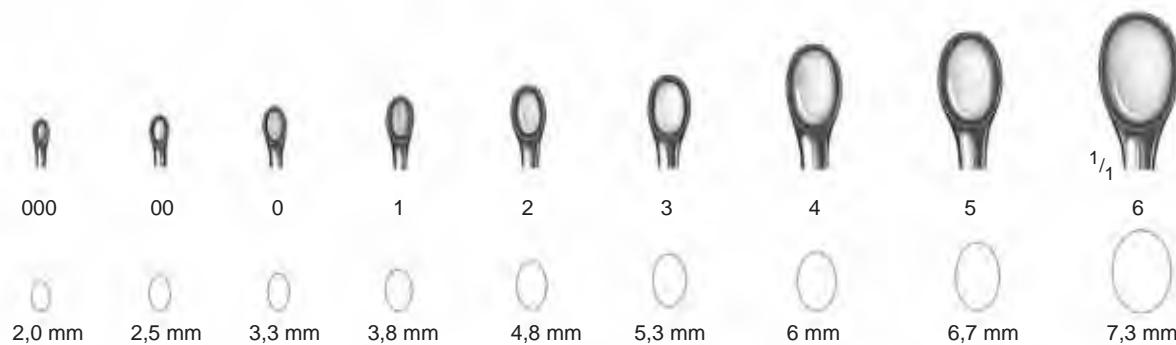
15-2081-54 Fig. 4

15-2081-55 Fig. 5

15-2081-56 Fig. 6



كورت استخوانی
Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curettes tranchantes



Brunn	Brunn	Brunn	Cobb
23 cm/9"	23 cm/9"	23 cm/9"	28 cm/11"
15-2092-33 Fig. 000	15-2093-33 Fig. 000	15-2096-33 Straight	15-2095-33 Fig. 000
15-2092-42 Fig. 00	15-2093-42 Fig. 00	15-2096-42	15-2095-42 Fig. 00
15-2092-50 Fig. 0	15-2093-50 Fig. 0	15-2096-50	15-2095-50 Fig. 0
15-2092-51 Fig. 1	15-2093-51 Fig. 1	15-2096-51	15-2095-51 Fig. 1
15-2092-52 Fig. 2	15-2093-52 Fig. 2	15-2096-52	15-2095-52 Fig. 2
15-2092-53 Fig. 3	15-2093-53 Fig. 3	15-2096-53	15-2095-53 Fig. 3
15-2092-54 Fig. 4	15-2093-54 Fig. 4	15-2096-54	15-2095-54 Fig. 4
15-2092-55 Fig. 5	15-2093-55 Fig. 5	15-2096-55	15-2095-55 Fig. 5
15-2092-56 Fig. 6	15-2093-56 Fig. 6	15-2096-56	15-2095-56 Fig. 6
			Angled 45°

کورت استخوانی

Scharfe Löffel

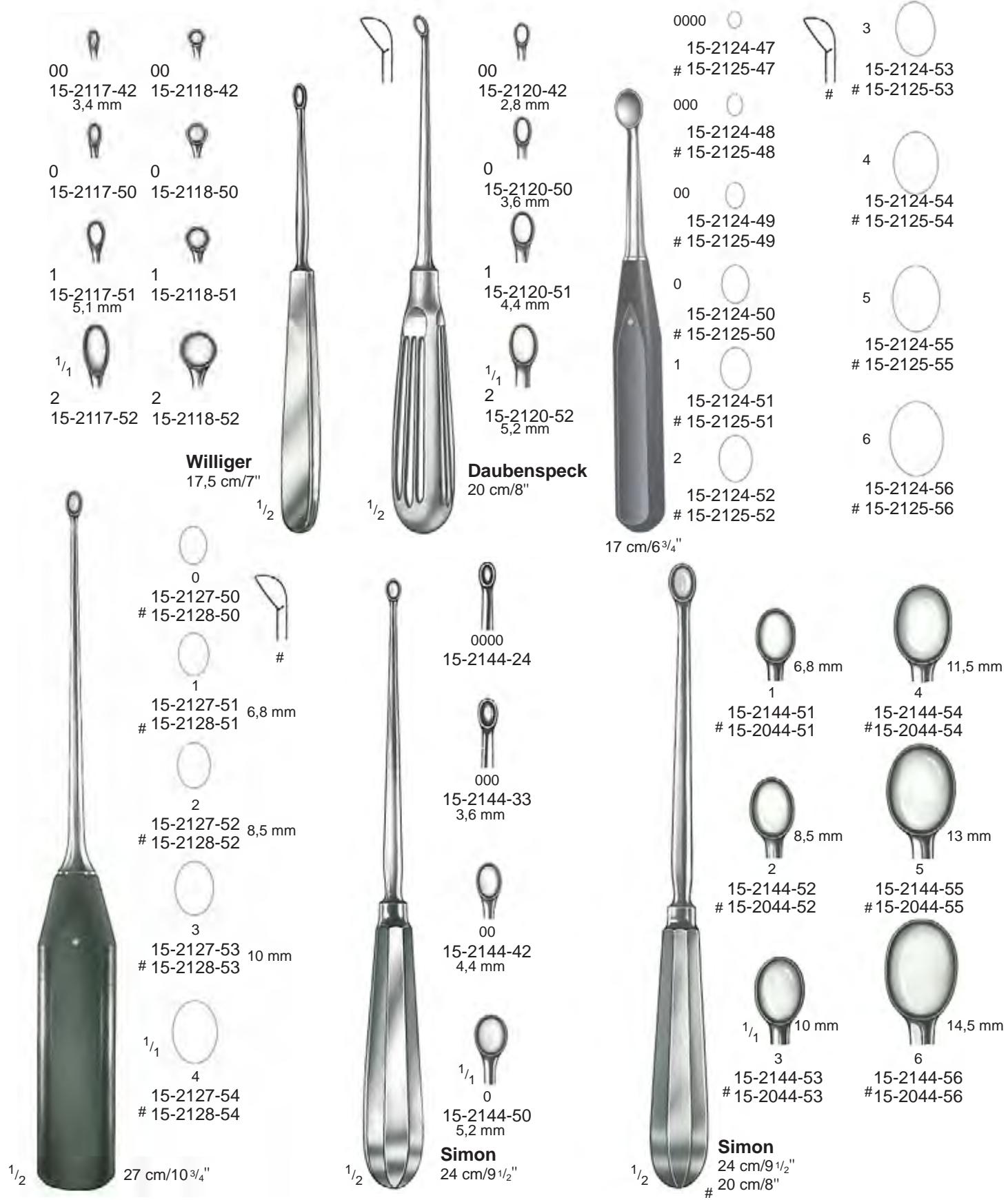
Bone Curettes

Cucharillas cortantes

Curettes tranchantes

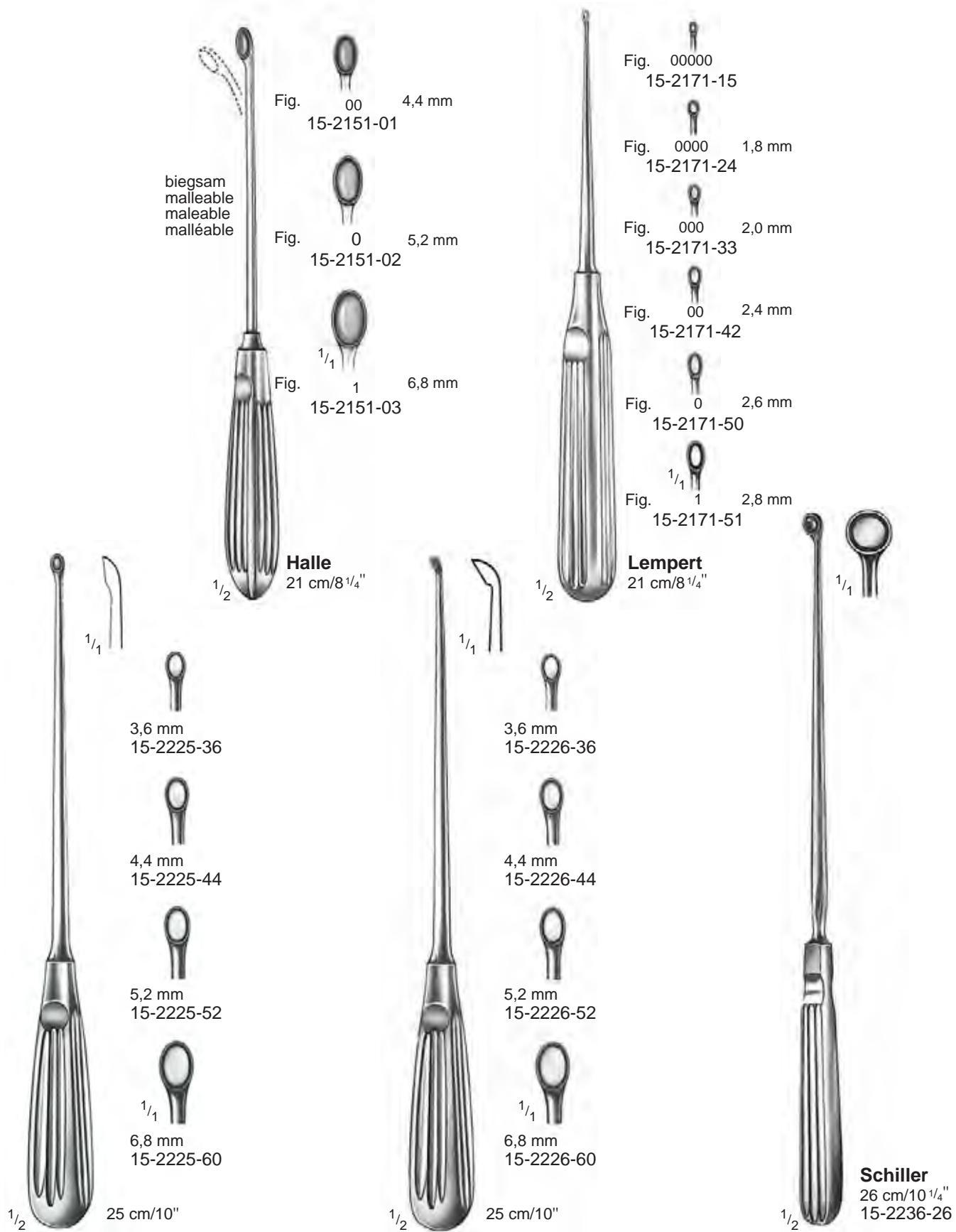


15





کورت استخوانی
Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curettes tranchantes



انواع کورت استخوانی و پوستی

Scharfe Löffel, Lupus - küretten

Bone Curettes, Lupus curettes

Cucharillas cortantes, curetas para lupus

Curettes tranchantes, curettes pour lupus



Univer® 15

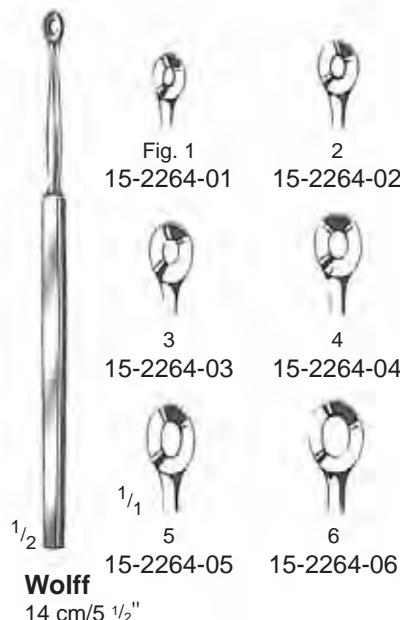
Lupusküretten • Lupus Curettes • Curetas para lupus • Curettes pour lupus



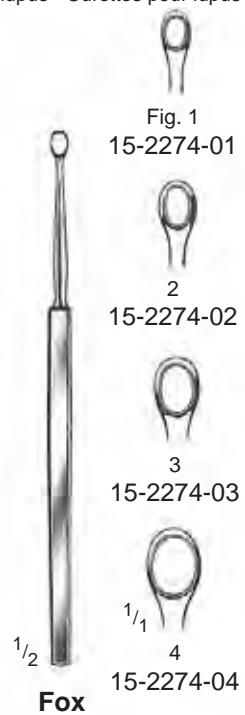
Volkmann



Volkmann

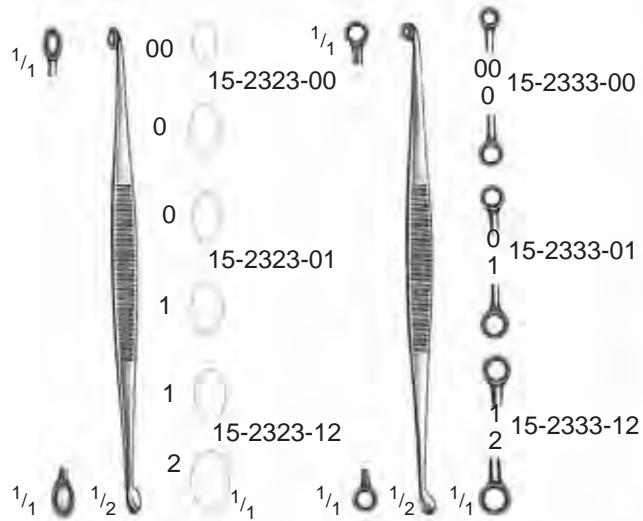


Wolff
14 cm/5 1/2"



Fox
14 cm/5 1/2"

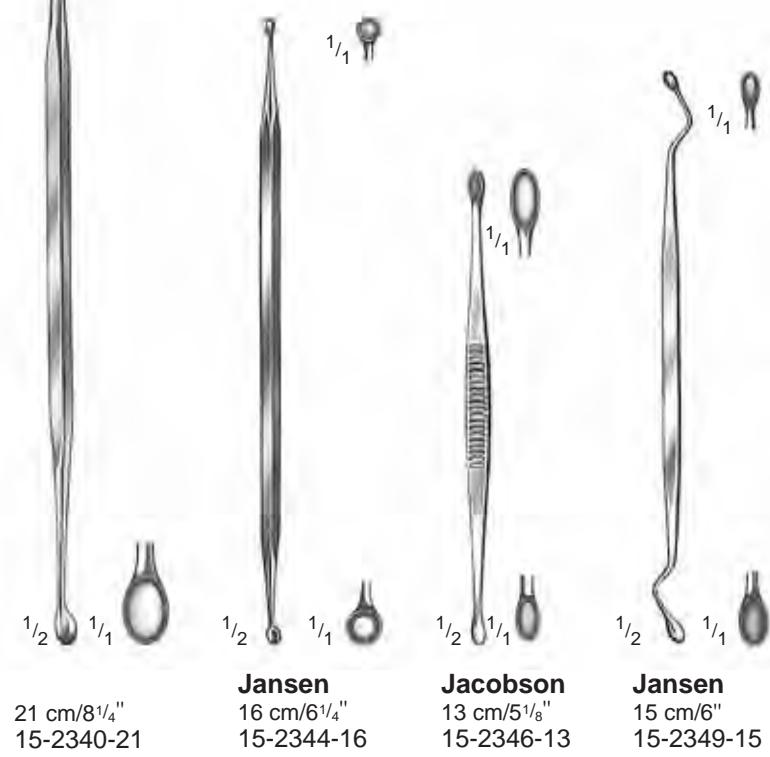
cm inch.			
13	5	15-2310-13	15-2314-13
14,5	5 1/2	15-2310-14	
16	6 1/4		15-2314-16
17	6 3/4	15-2310-17	
20	8	15-2310-20	15-2314-20



Williger
13,5 cm/5 1/4"



Martini
13,5 cm/5 1/4"



Jansen
21 cm/8 1/4"
15-2340-21

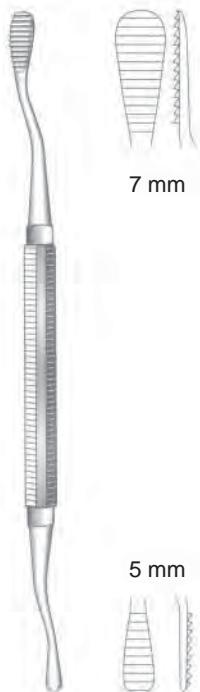
Jansen
16 cm/6 1/4"
15-2344-16

Jacobsen
13 cm/5 1/8"
15-2346-13

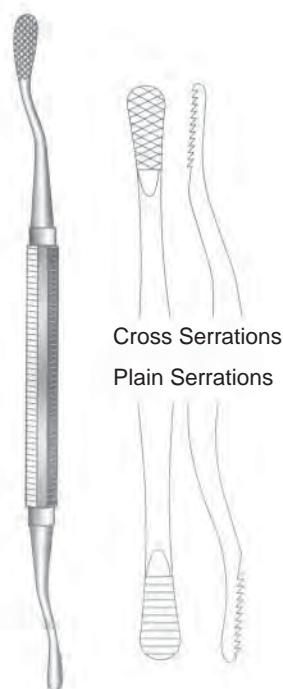
Jansen
15 cm/6"
15-2349-15



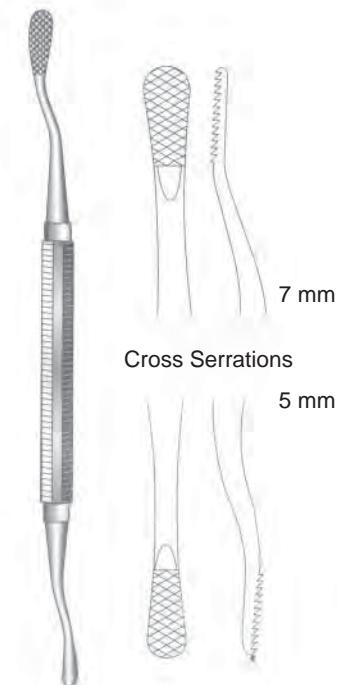
رسپ دو طرفه
Knochenfeilen
Bone Files
Limas para huesos
Limes à os



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

رسپ دو طرفه

Knochenfeilen

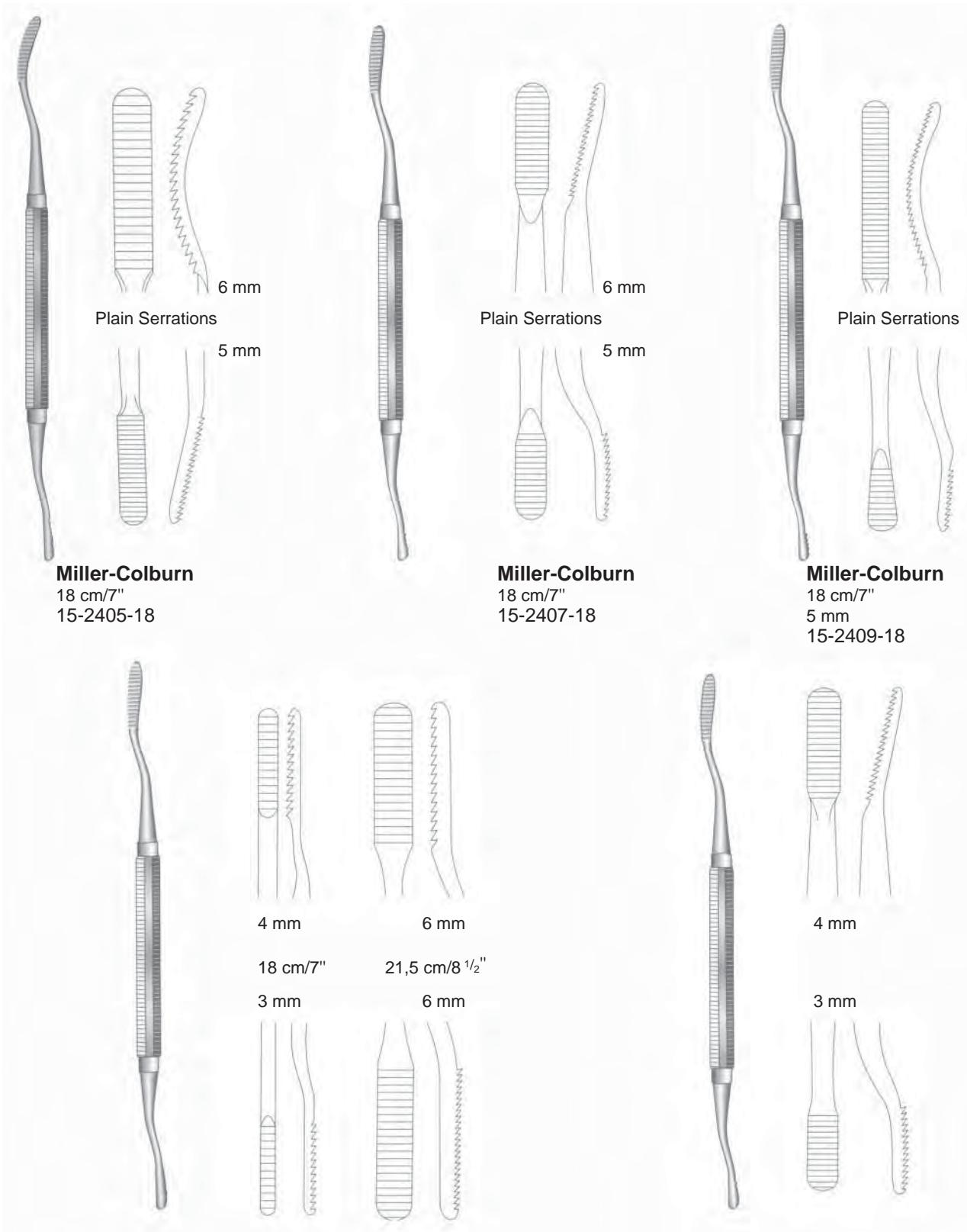
Bone Files

Limas para huesos

Limes à os



15



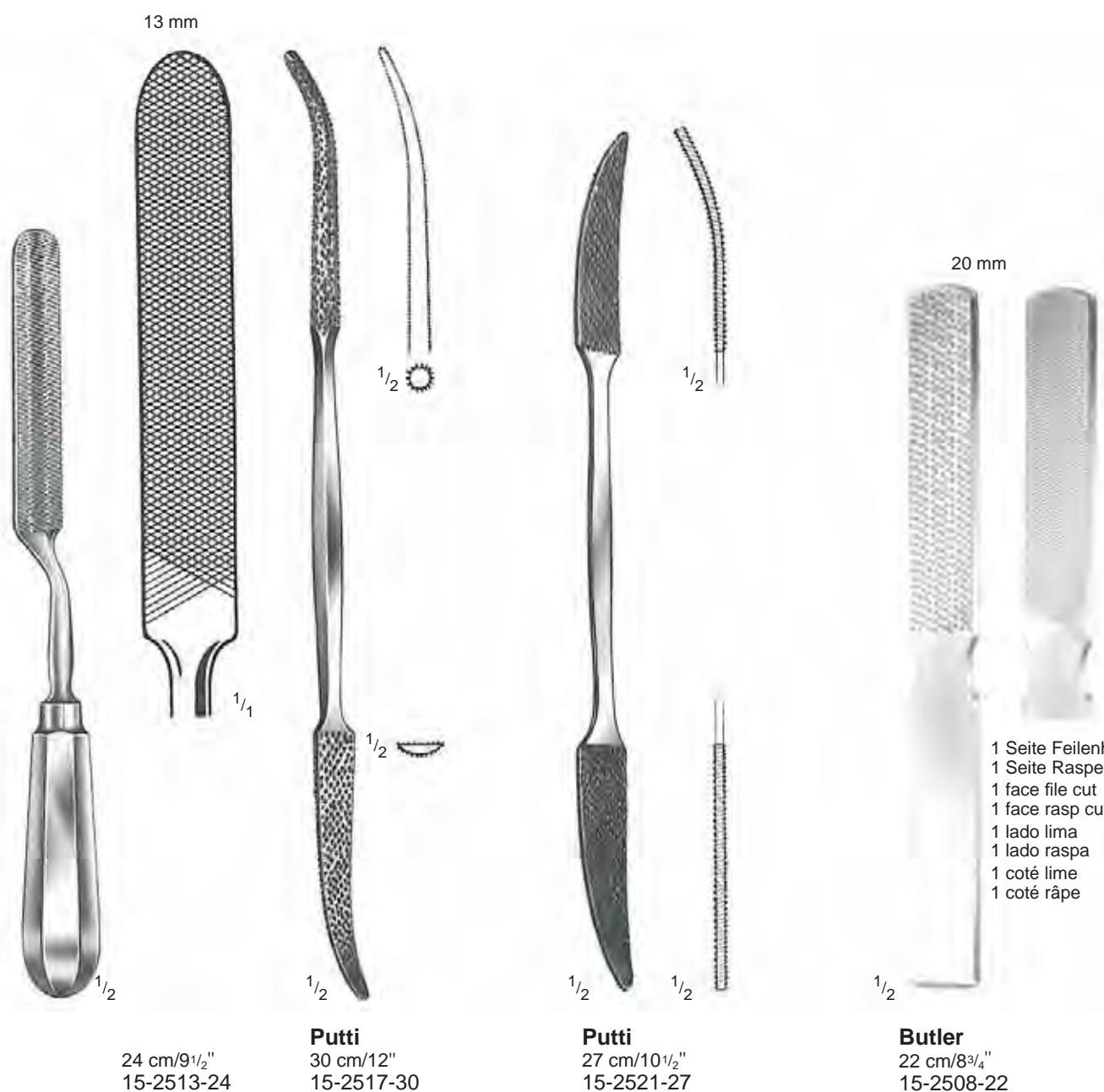
Polokoff Rasp
18 cm/7" 15-2411-18
21,5 cm/8 1/2" 15-2411-21

Miller-Colburn
18 cm/7"
15-2413-18



أنواع سوهاج

Knochenfeilen, Raspeln
Bone Files, Rasps
Limas para huesos, escofinas
Limes à os, râpes à os



انواع سوهان بینی

Knochenfeile, Nasenraspeln

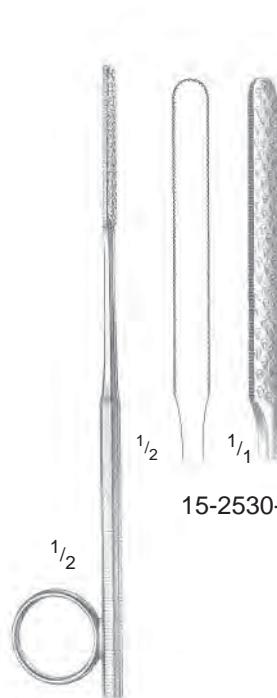
Bone File, Nasal Rasps

Lima para huesos, raspas nasales

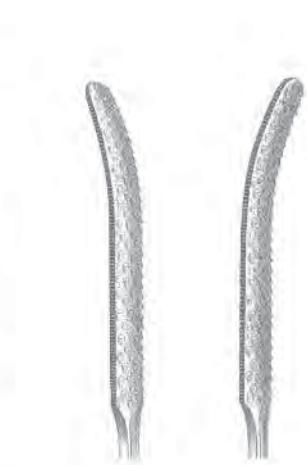
Lime à os, râpes nasales



15

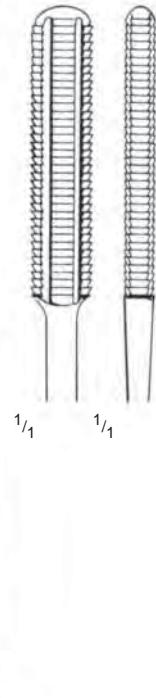


Gallaher
17 cm/6^{3/4}"
45 x 6mm

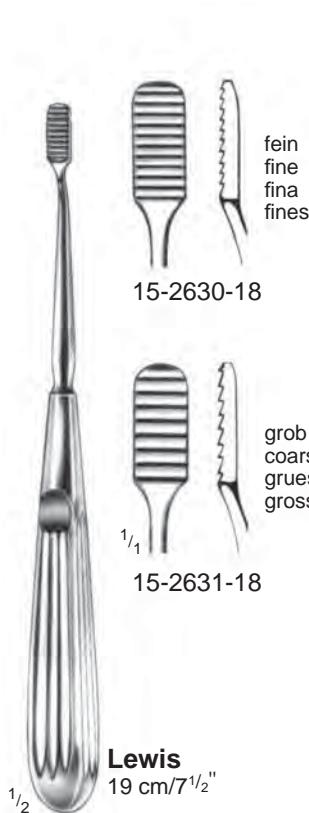


15-2530-17 15-2525-17 15-2535-17

Maltz
18 cm/7"
15-2602-18



Joseph
16 cm/6^{1/4}"
15-2616-01



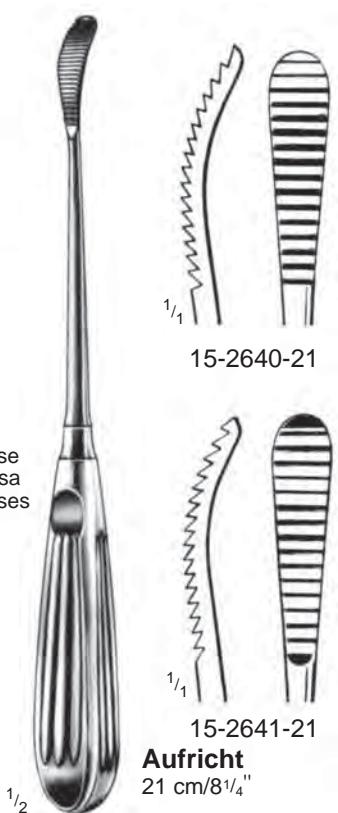
15-2630-18

fein
fine
fina
fines

15-2631-18

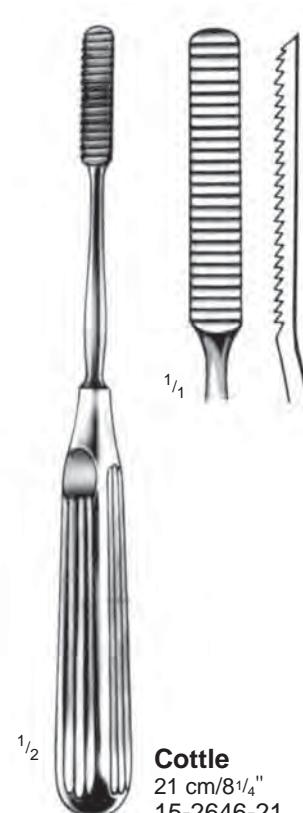
grob
coarse
gruesa
grosses

Lewis
19 cm/7^{1/2}"

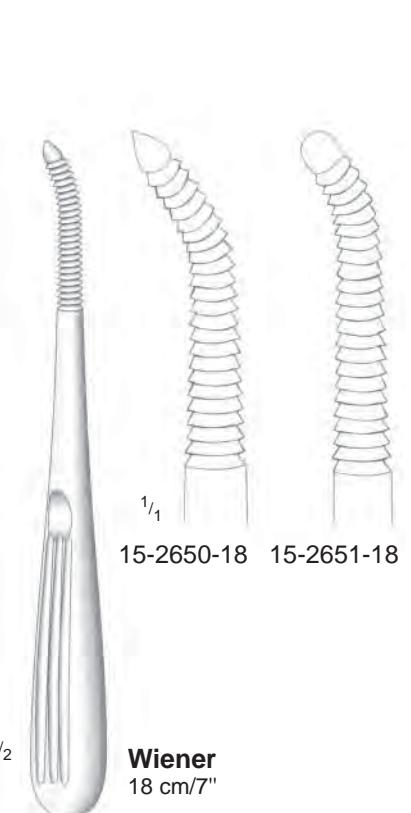


Aufrecht
21 cm/8^{1/4}"

15-2641-21



Cottle
21 cm/8^{1/4}"
15-2646-21

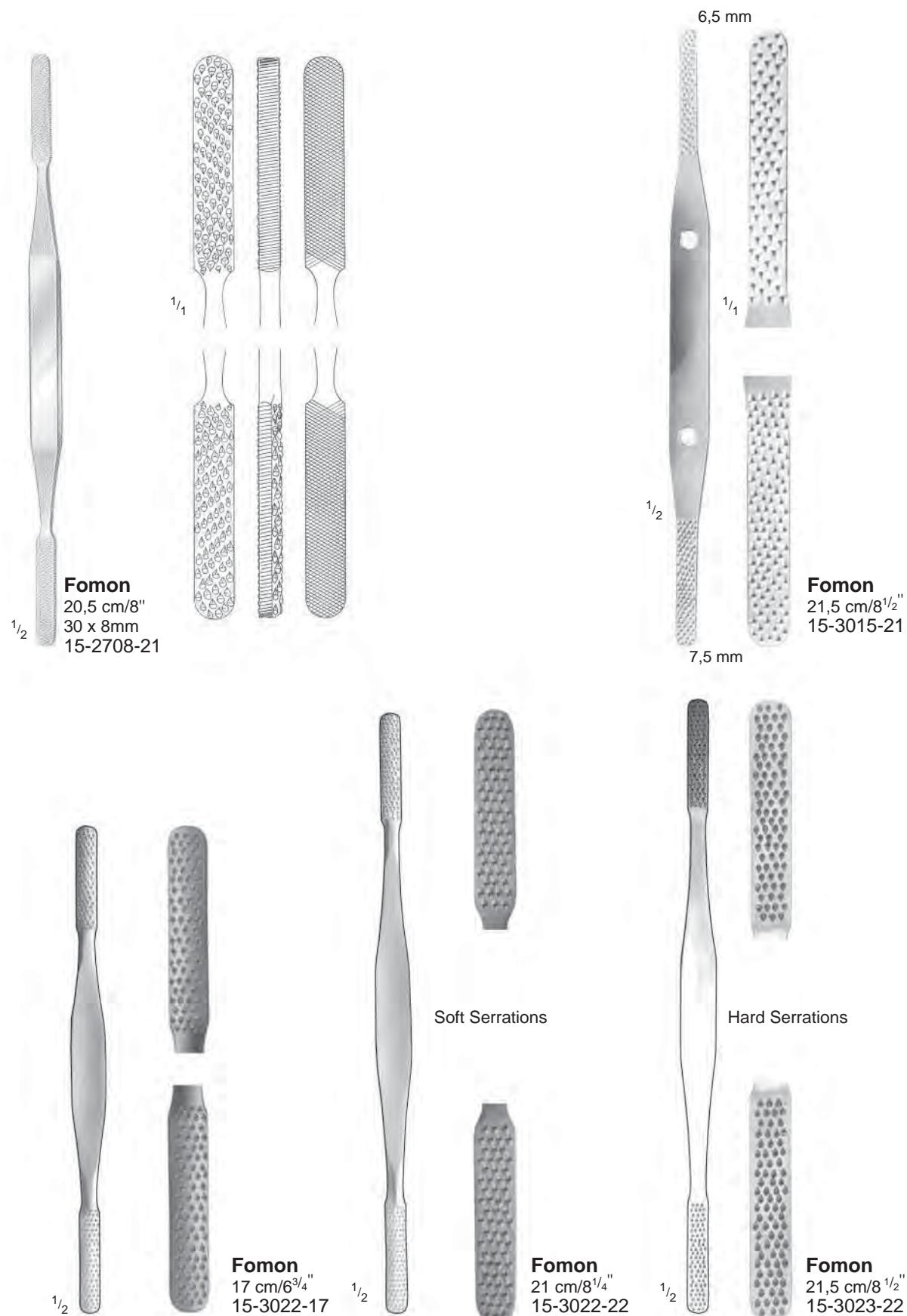


Wiener
18 cm/7"



انواع سوهان دوطرفه (فومون)

Raspeln, Typ Fomon
Rasps, Type Fomon
Raspas,Tipo Fomon
Râpes, Type Fomon



انواع سوھان دوطرفه (فومن)

Raspeln, Typ Fomon

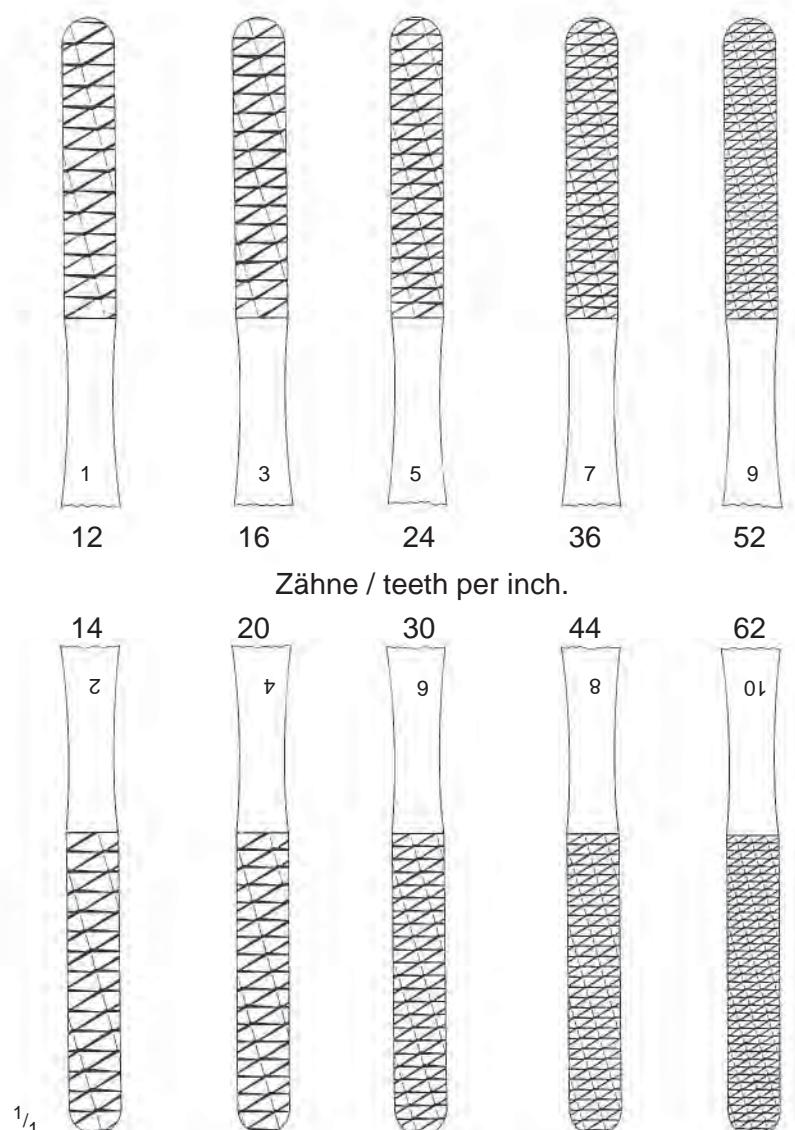
Rasps, Type Fomon

Raspas, Tipo Fomon

Râpes, Type Fomon



15



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



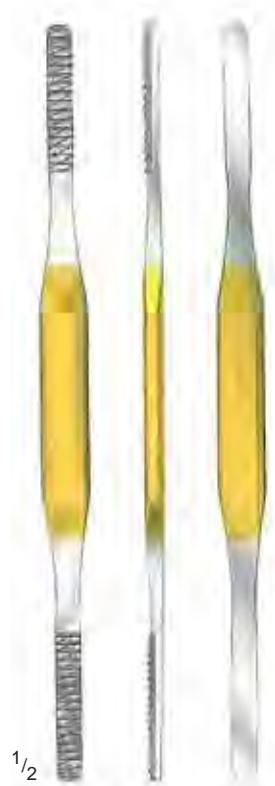
انواع سوهان دوطرفه (فومن) با تیغه تنگستن کارباید

Raspeln, Typ Fomon Univer Gold T/C

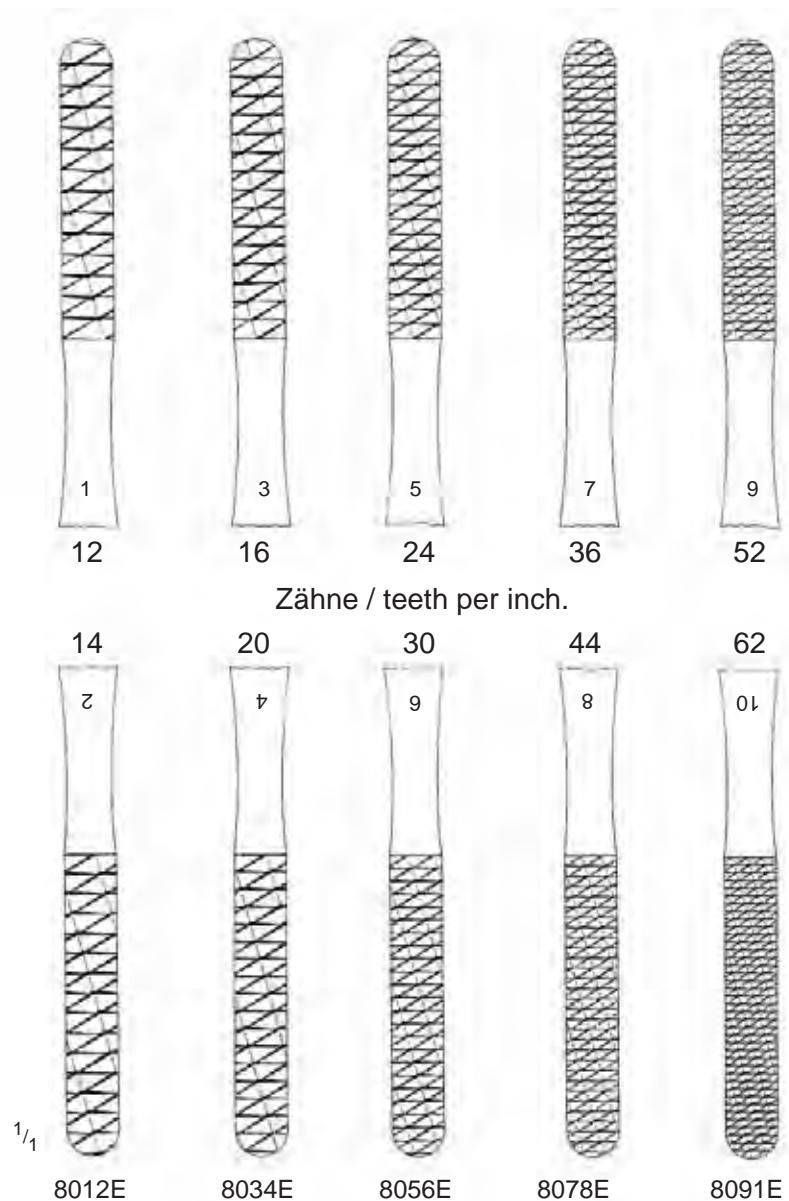
Rasps, Type Fomon Univer Gold T/C

Raspas,Tipo Fomon Univer Gold T/C

Râpes, Type Fomon Univer Gold T/C



Fomon
20 cm/8"

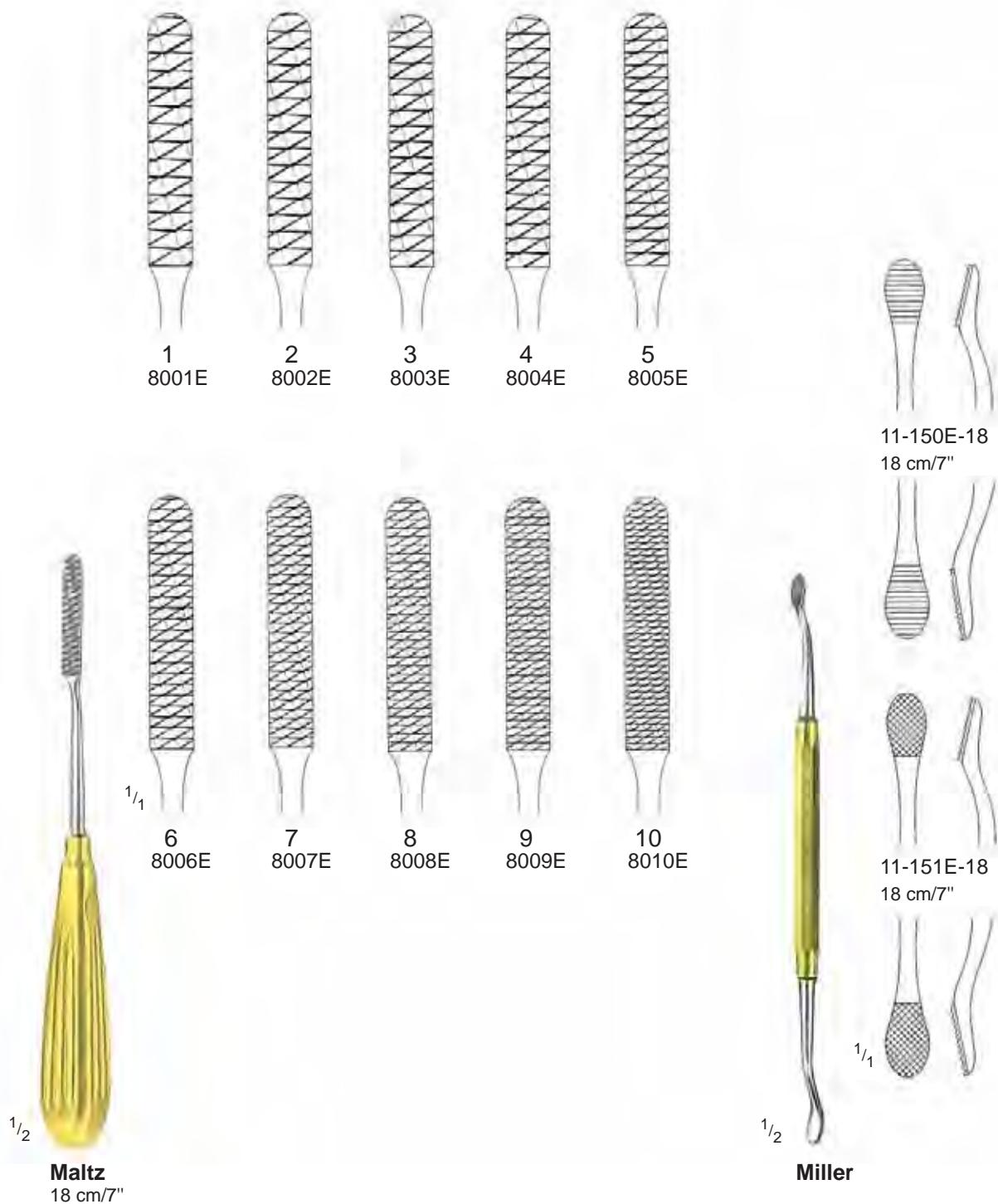


انواع سوهان

Raspeln, Typ Maltz, Miller Univer Gold T/C
Rasps, Type Maltz, Miller Univer Gold T/C
Raspas, Tipo Maltz, Miller Univer Gold T/C
Râpes, Type Maltz, Miller Univer Gold T/C

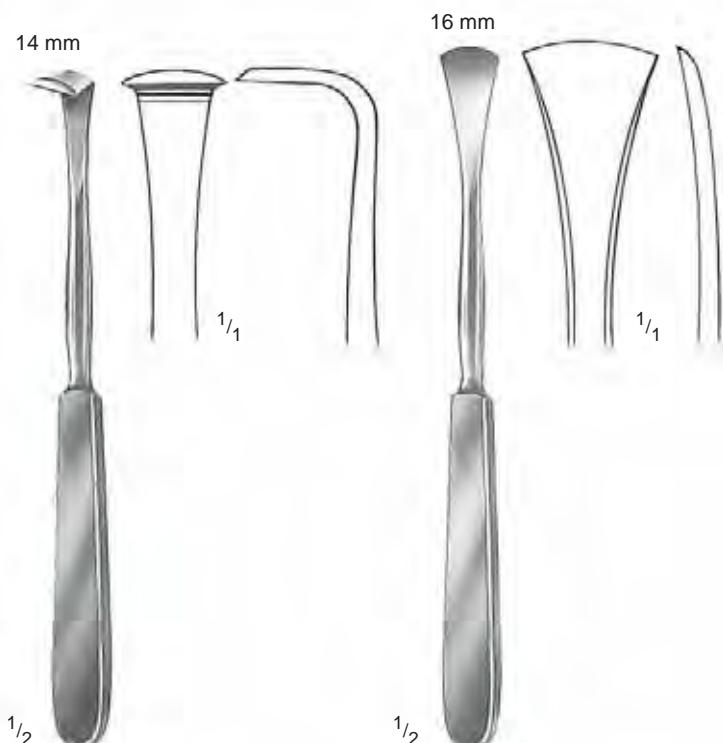
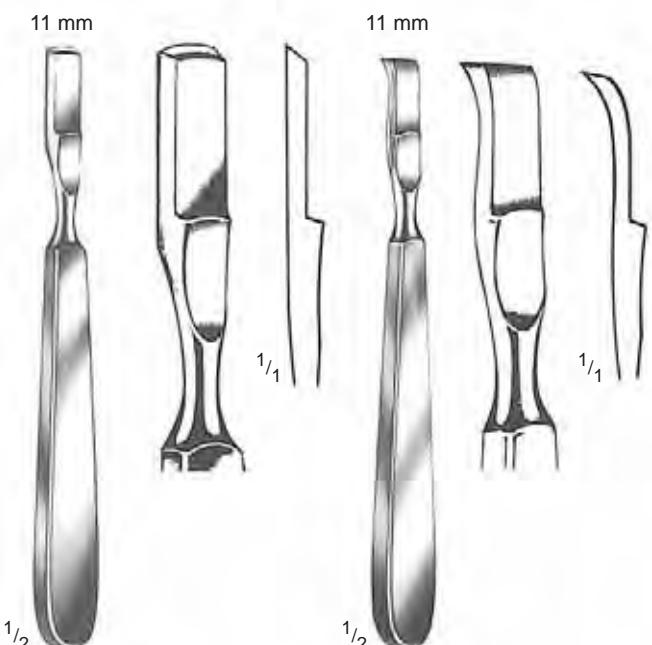
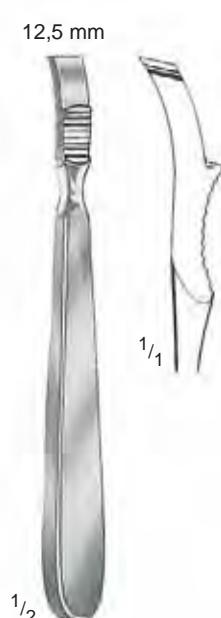
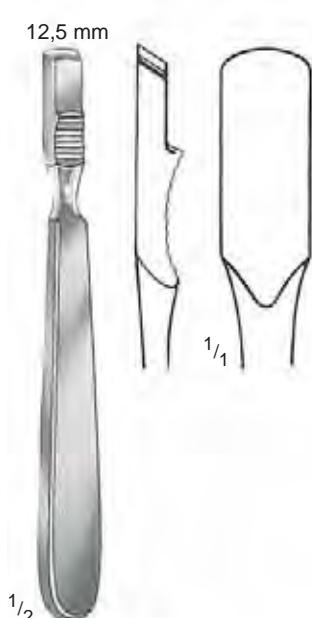


15





انواع پریوس رسپ
**Raspatoriens
 Raspatories
 Periostótomas
 Rugines**

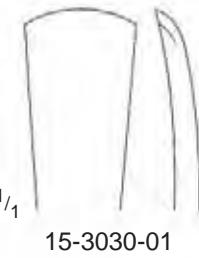




Cushing
19 cm/7 $\frac{1}{2}$ "
15-3025-19



Cushing
19 cm/7 $\frac{1}{2}$ "

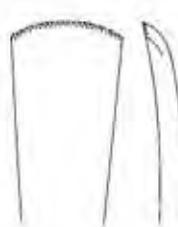


15-3030-01



15-3030-02

"Cushing wide sharp elevator"



15-3030-03

gezahnt
serrated edge
corte dentada
coupe dentelé



15-3031-05	5 mm
15-3031-10	10 mm
15-3031-15	15 mm
15-3031-20	20 mm
15-3031-25	25 mm

Lambotte
21 cm/8 $\frac{1}{4}$ "



McKenty
15 cm/6"
17 cm/6 $\frac{3}{4}$ "



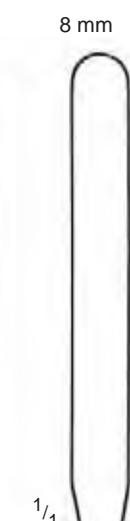
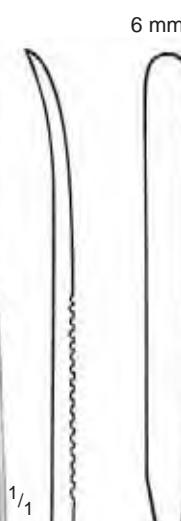
15-3045-04



15-3045-05



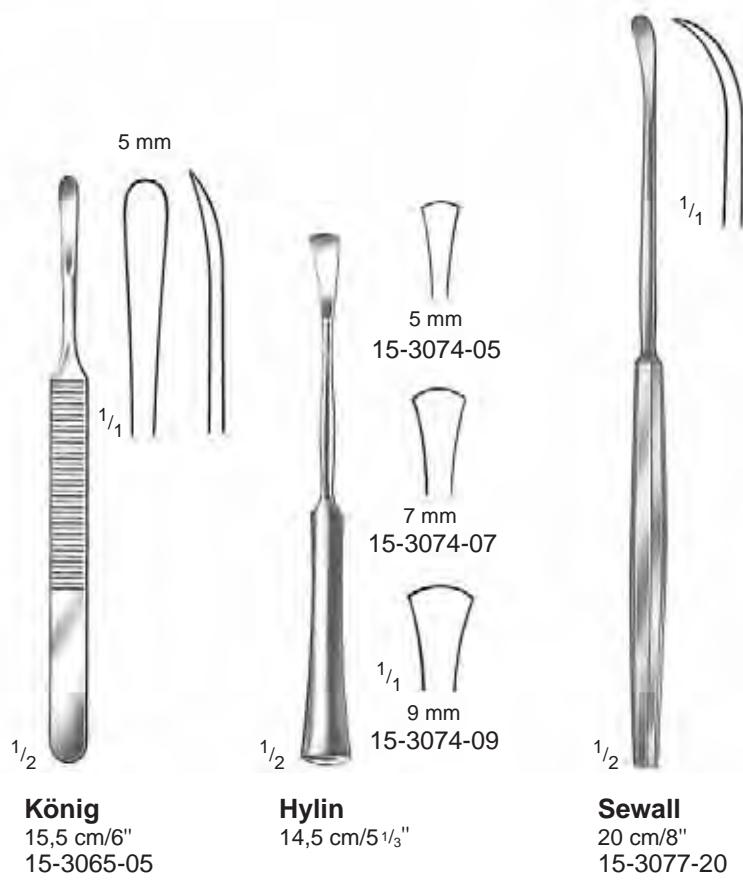
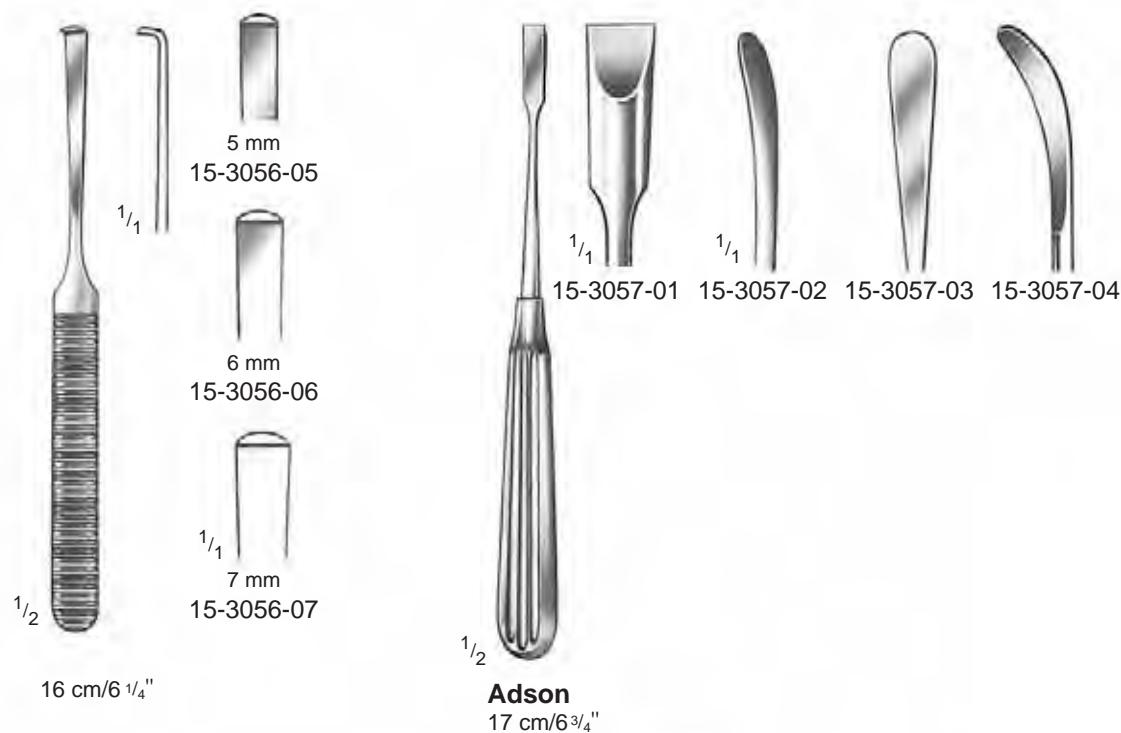
15-3047-06



15-3047-08



انواع پریوس
Raspatorien
Raspatories
Periostótomas
Rugines

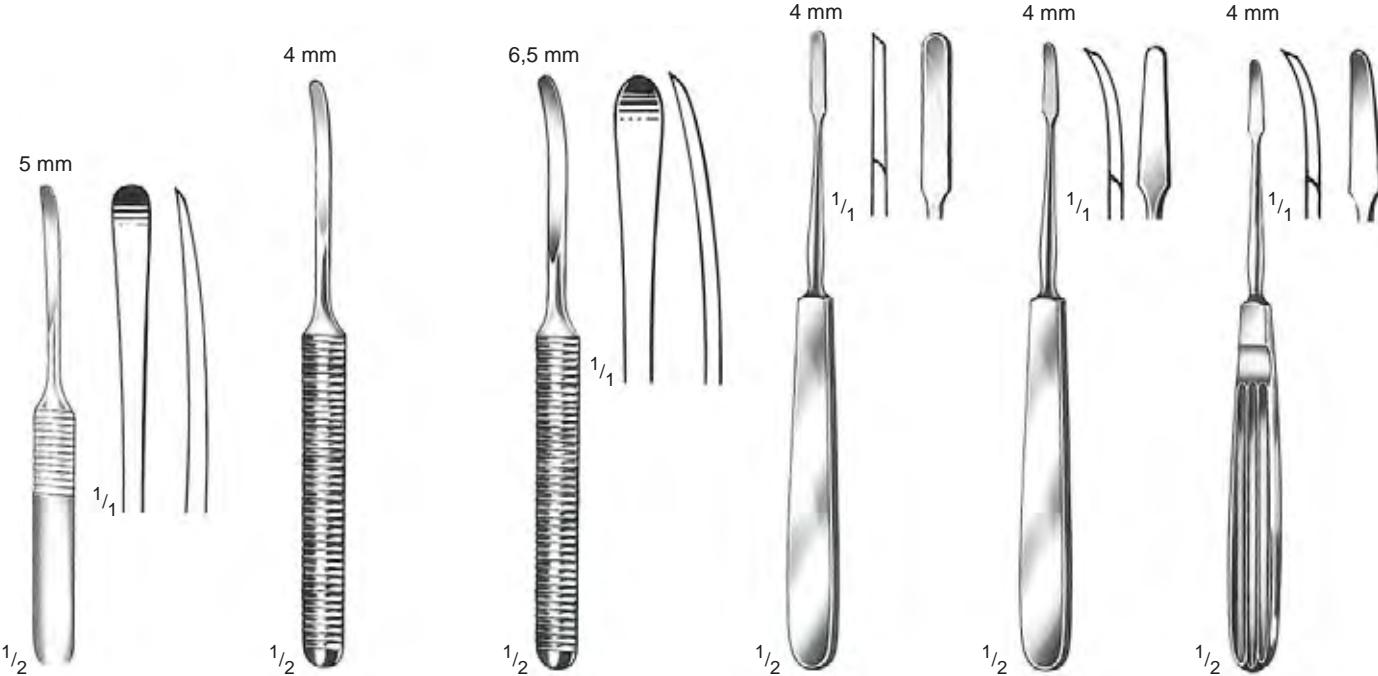


انواع پریوس

Raspatorien
Raspatories
Periostótomas
Rugines



Univer® 15



Williger
13 cm/5"
15-3113-05

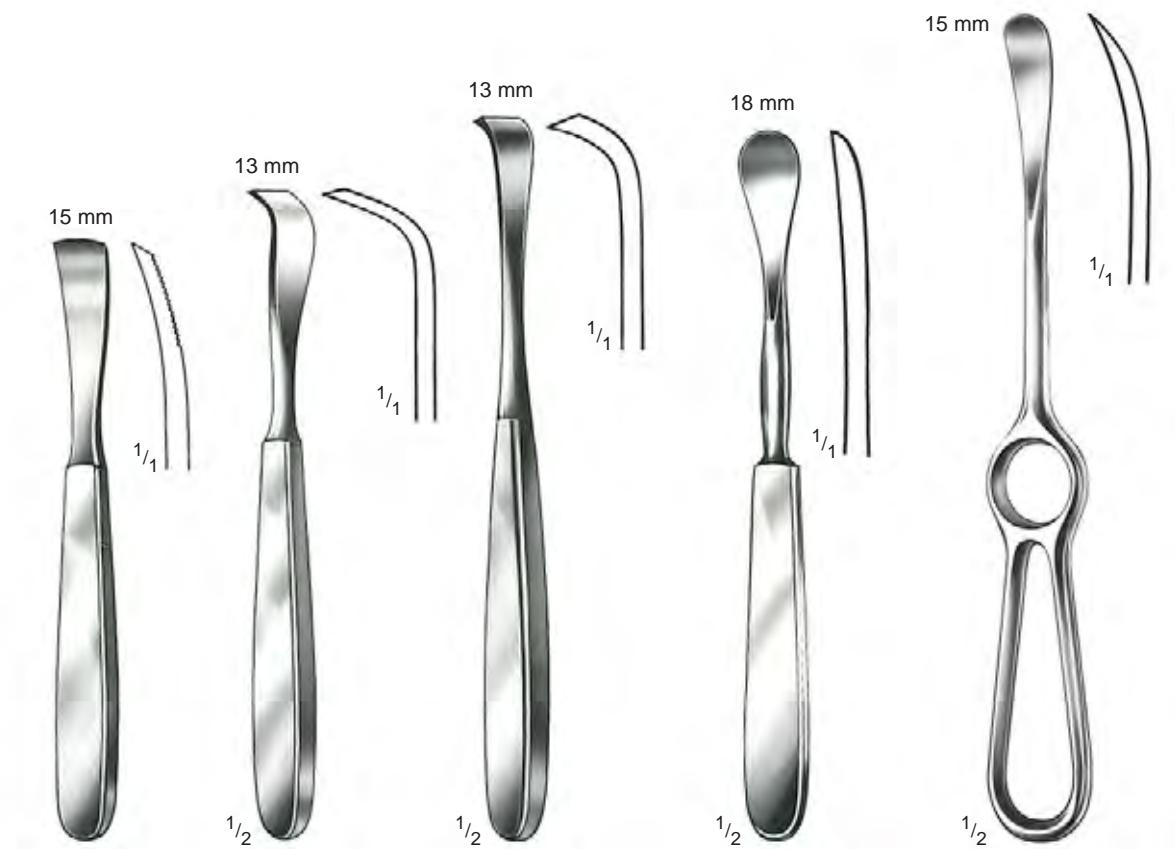
Williger
16 cm/6 $\frac{1}{4}$ "
15-3116-40

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



Jansen
16,5 cm/6 $\frac{1}{2}$ "
15-3146-15

Schneider
17,5 cm/7"
15-3157-13

Schneider-Sauerbruch
19 cm/7 $\frac{1}{2}$ "
15-3159-13

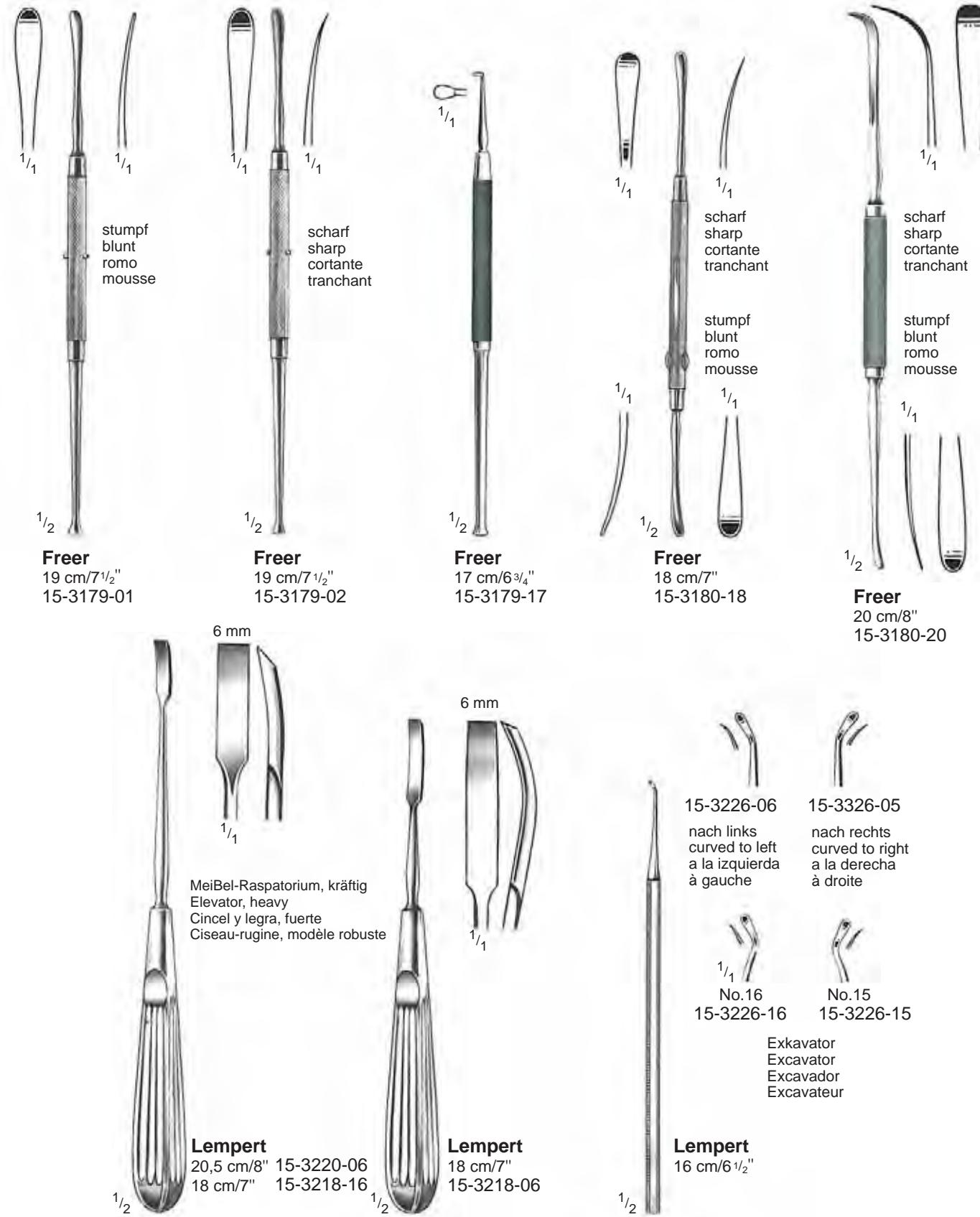
Sedillot
18 cm/7"
15-3168-18

Sedillot
21 cm/8 $\frac{1}{4}$ "
15-3171-15



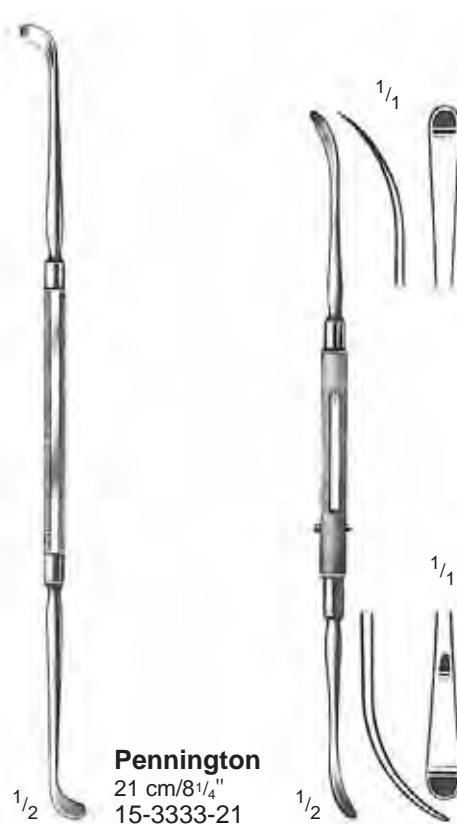
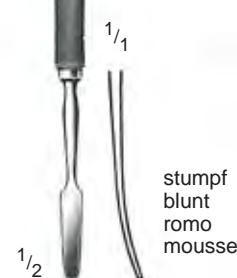
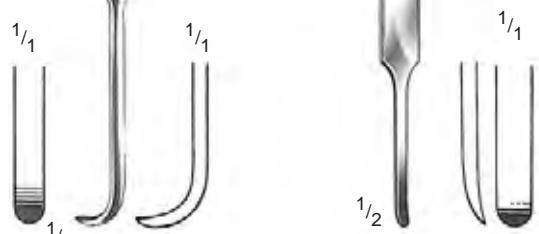
نوع پریوس الوتور
**Raspatorien, Elevatoren
 Raspatories, Elevators
 Periostótomas, elevadores
 Rugines, décolleurs**

Septumelevatorien • Septum Elevators • Elevadores y Espátulas para el tabique nasal • Elévateurs et Spatules pour la cloison nasale





scharf
sharp
cortante
tranchant





الويتور سپتوں

Septumelevatorien und -raspatorien

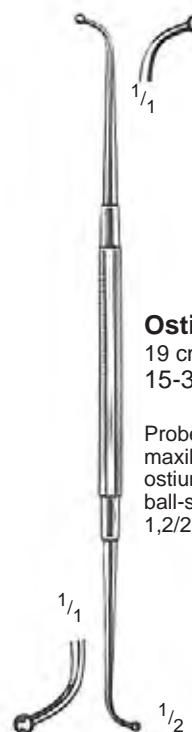
Septum Elevators and Raspatories

Elevadores y legras para el tabique nasal

Elévateurs et rugines pour la cloison nasale



Carter
21 cm/8 $\frac{1}{4}$ "
15-3345-21

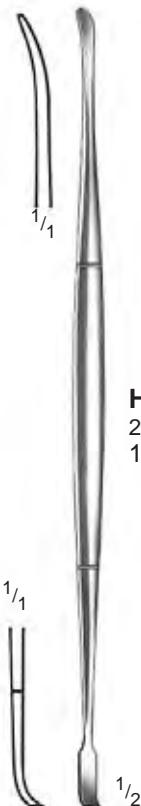


Ostium Seeker
19 cm/7 $\frac{1}{2}$ "
15-3351-19

Probe-double-ended
maxillary sinus
ostium seeker
ball-shaped
1,2/2 mm



Joseph-Masing
 $\frac{3}{4}$ "
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

انواع پریوس الوبیور (دسته فایبر)

Raspatorien mit Ferrozell-Griff

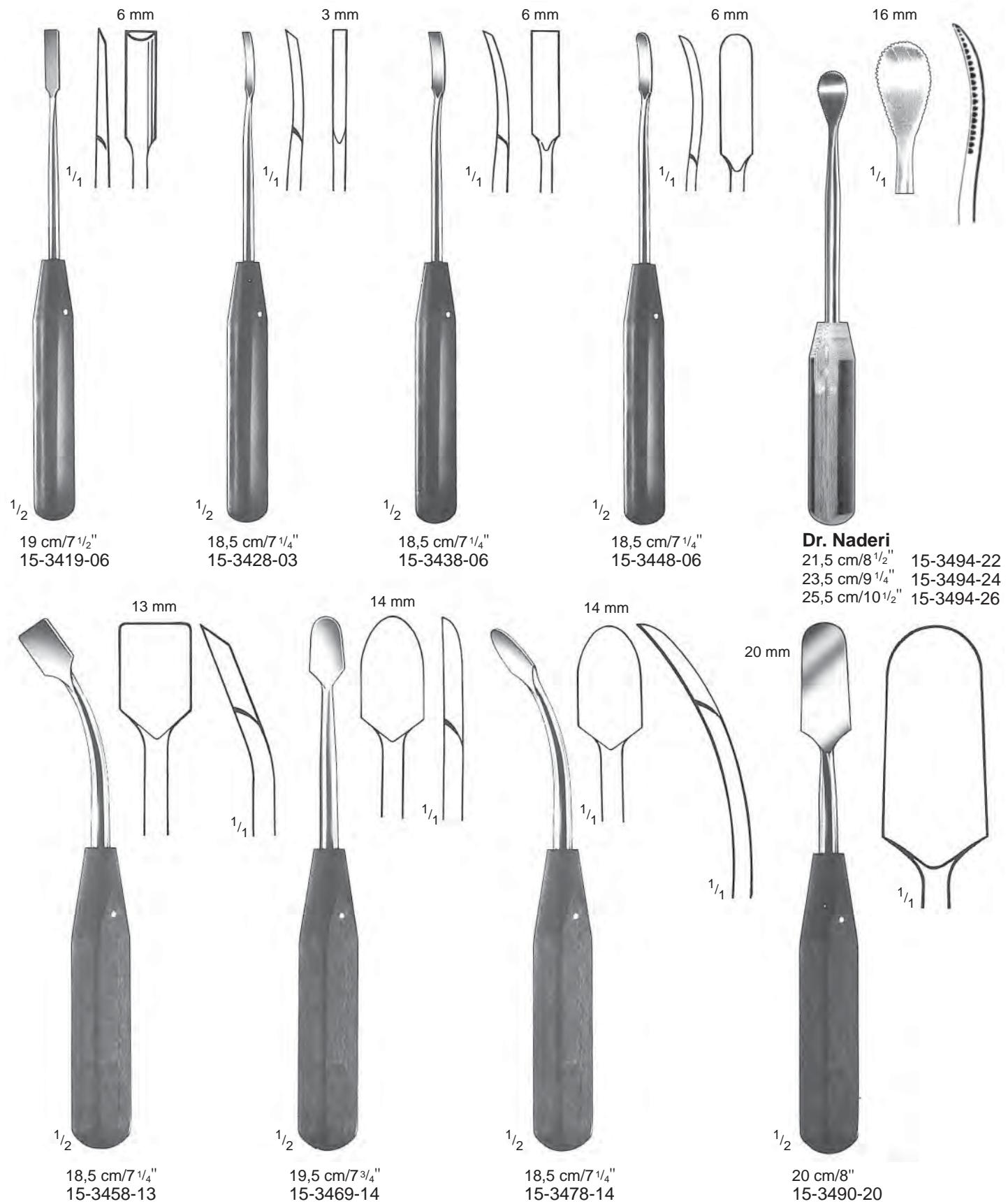
Raspatories with Ferrozell-Handle

Periostotomos con mangos de Ferrozell (madera artificial)

Rugines avec manche Ferrozell



15



$1/2$
19 cm/7½"
15-3419-06

$1/2$
18,5 cm/7¼"
15-3428-03

$1/2$
18,5 cm/7¼"
15-3438-06

$1/2$
18,5 cm/7¼"
15-3448-06

Dr. Naderi
21,5 cm/8½" 15-3494-22
23,5 cm/9¼" 15-3494-24
25,5 cm/10½" 15-3494-26

$1/2$
18,5 cm/7¼"
15-3458-13

$1/2$
19,5 cm/7¾"
15-3469-14

$1/2$
18,5 cm/7¼"
15-3478-14

$1/2$
20 cm/8"
15-3490-20



انواع پریوس (دنده لخت کن)

Raspatoriens
Raspatories
Periostótomas
Rugines





$\frac{1}{1}$

Yankauer
18 cm/7"
15-4027-18

$\frac{1}{2}$

Mass. Gen. Hosp.
15 cm/6"
15-4033-15

$\frac{1}{2}$

5,5 mm

$\frac{1}{1}$

5 mm

$\frac{1}{1}$

Williger
17 cm/6 $\frac{3}{4}$ "
15-4047-55

$\frac{1}{2}$

Williger
16 cm/6 $\frac{1}{4}$ "
15-4056-50

Langenbeck
23 cm/9"
15-4023-11

$\frac{1}{2}$

6 mm

$\frac{1}{1}$

Quervain
20 cm/8"
15-4060-06

$\frac{1}{2}$

7 mm

$\frac{1}{1}$

Langenbeck
20 cm/8"
15-4070-07

$\frac{1}{2}$

10 mm

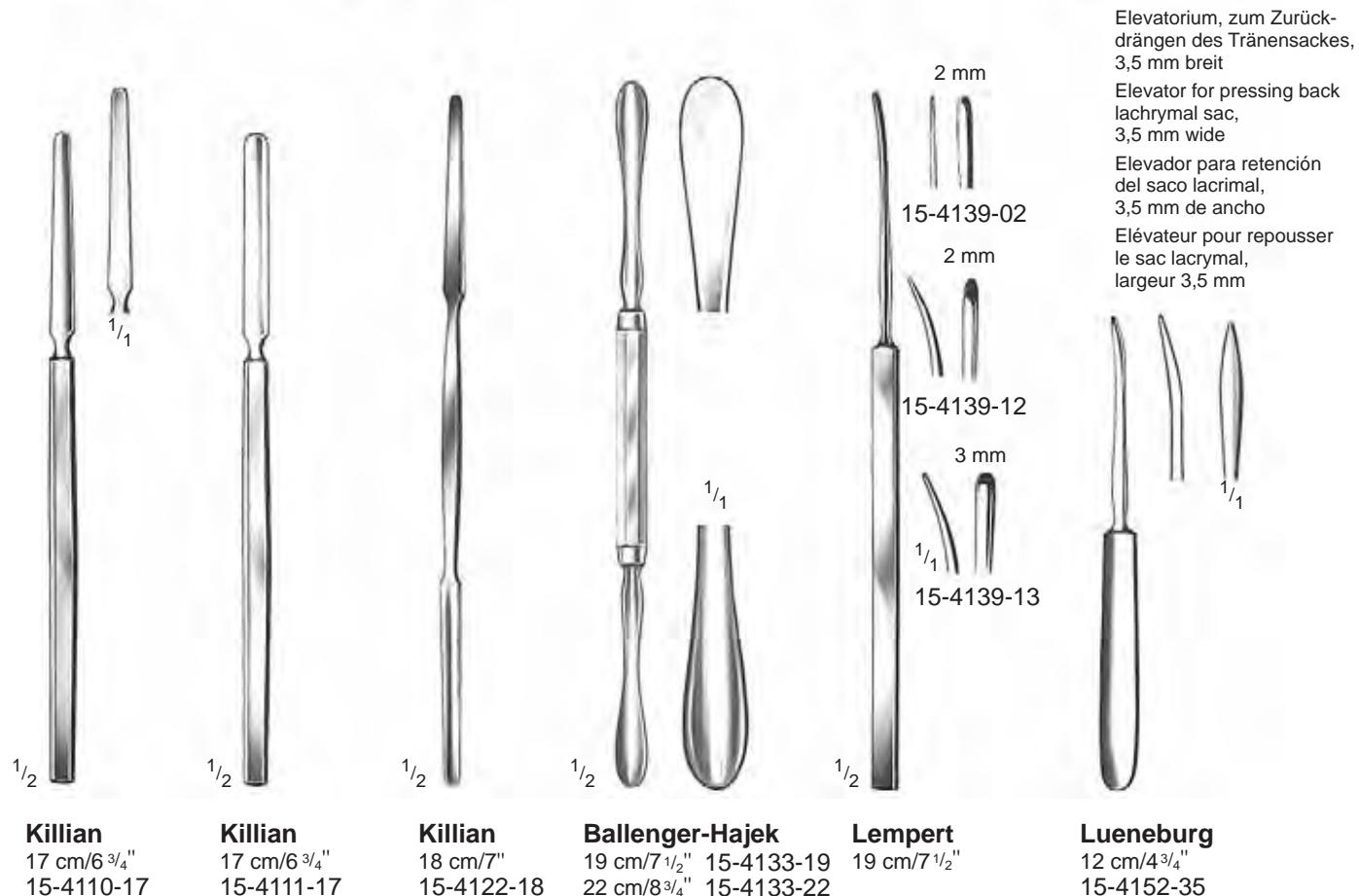
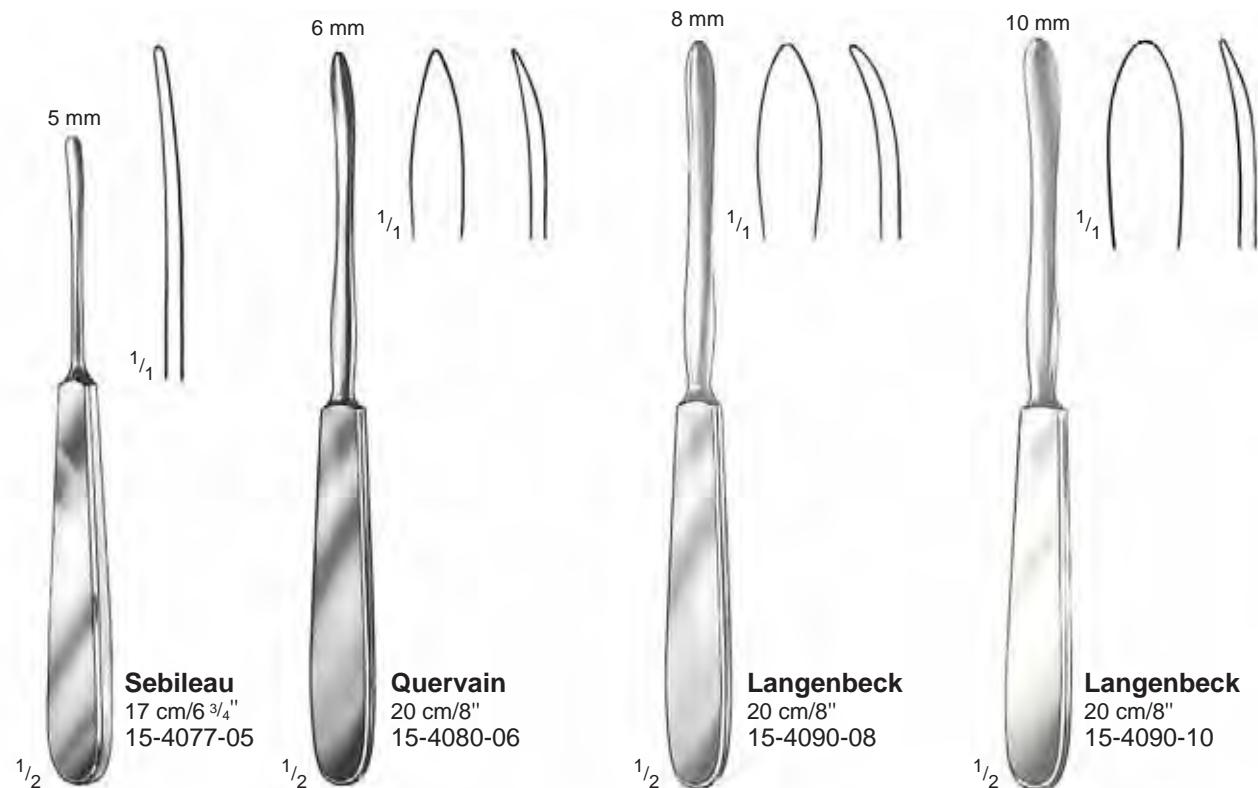
$\frac{1}{1}$

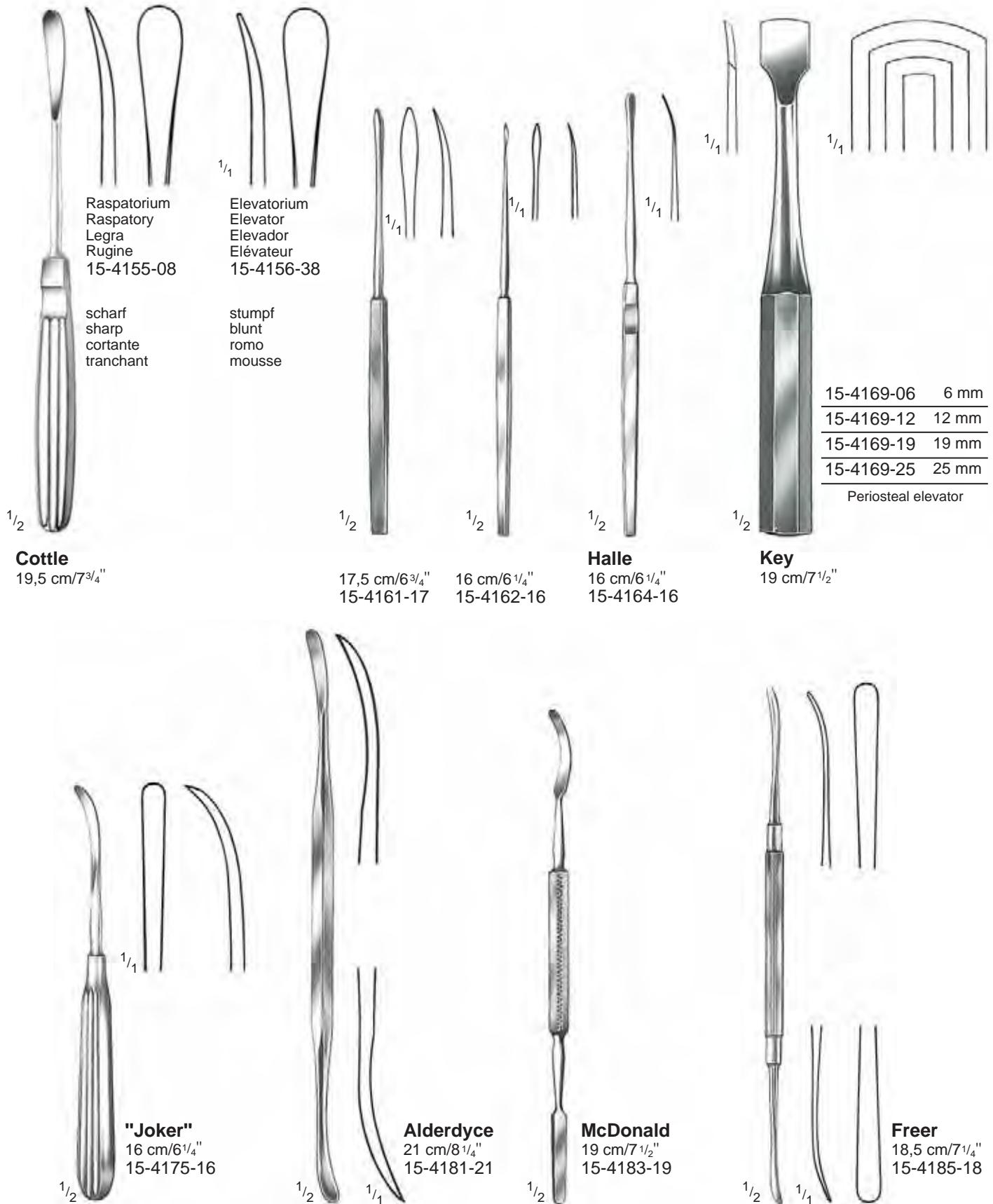
Langenbeck
20 cm/8"
15-4070-10

$\frac{1}{2}$



انواع الويتور
Elevatorien
Elevators
Elevadores
Décolleurs







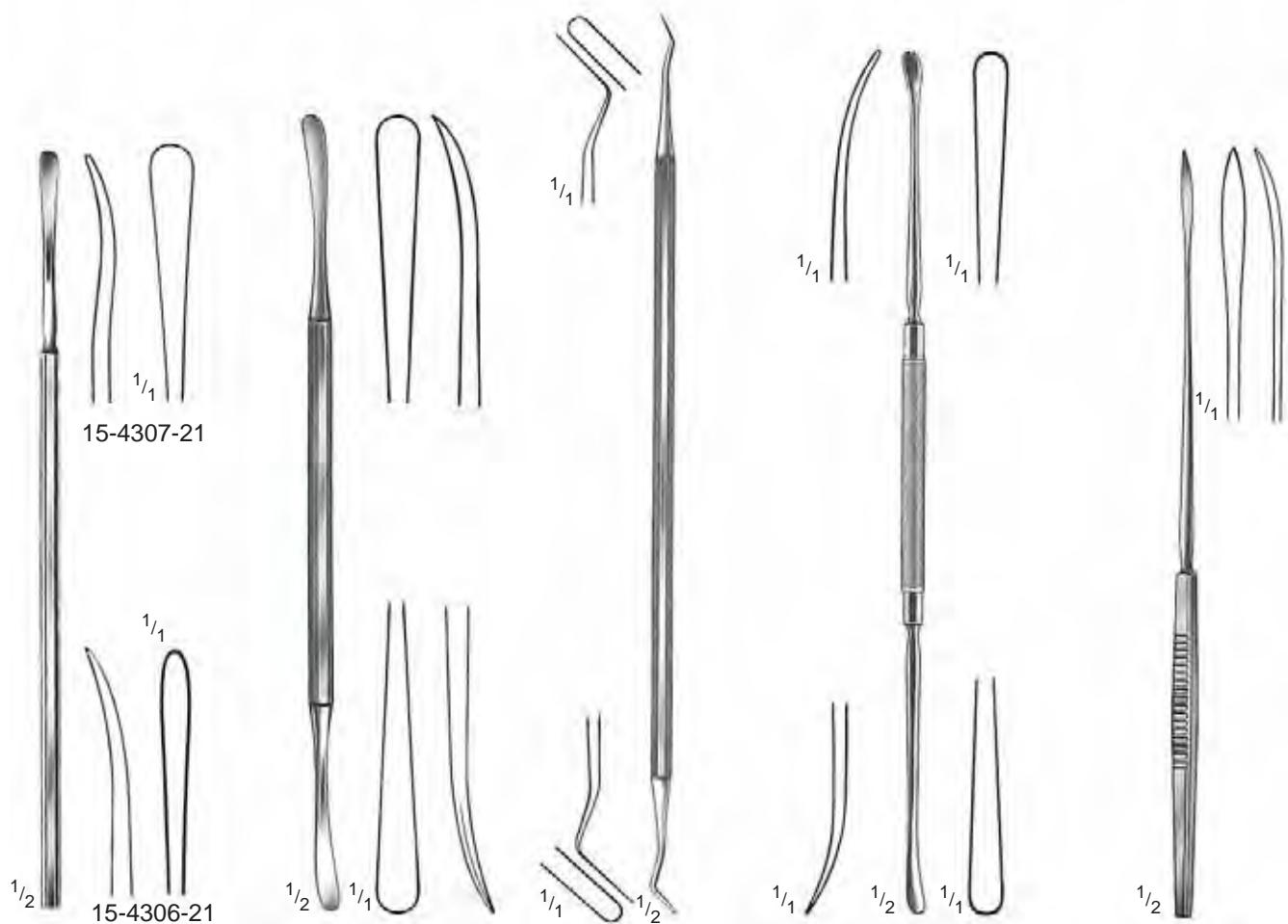
نوع پریوس الوتور
Elevatorien, Raspatorien
Elevators, Raspatories
Elevadores, periostótomas
Décolleurs, rugines



Cobb
29 cm / 11 1/2"

Cobb
27 cm / 10 1/4"

Cobb
24 cm / 9 3/2"



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



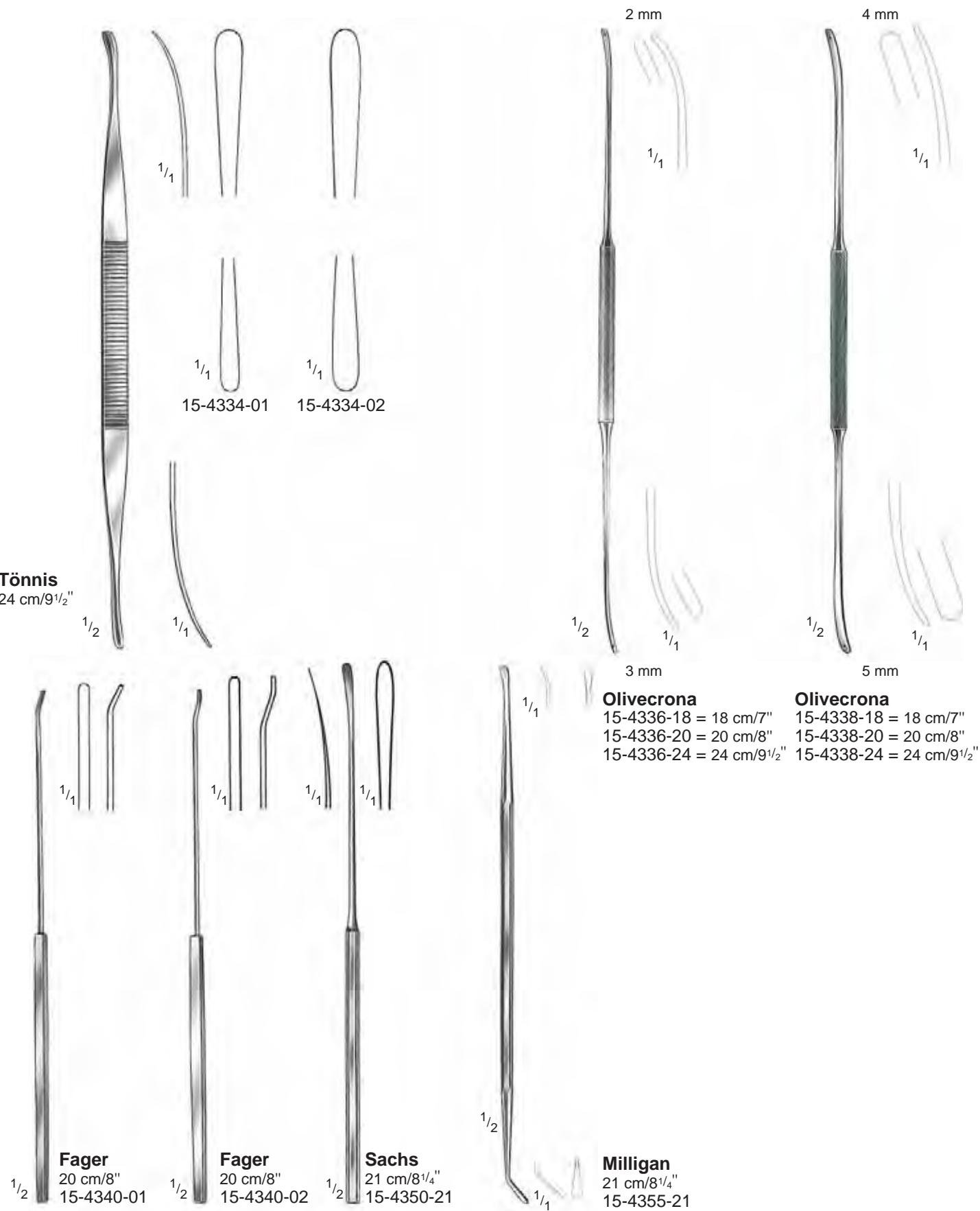
أنواع دايسكتور - دورا

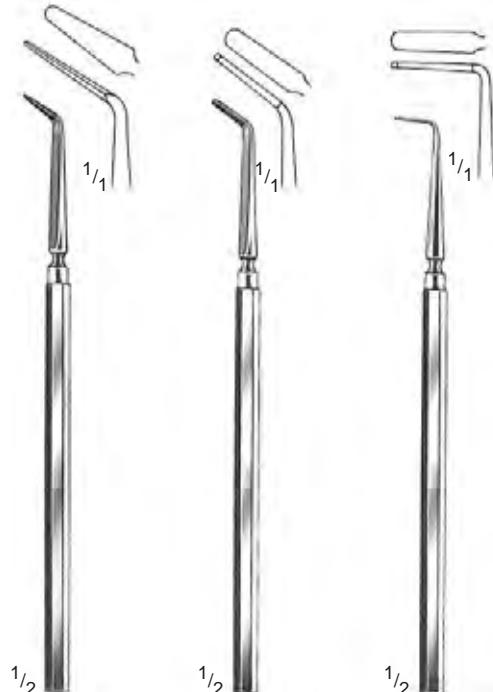
Dissektoren, Dura-Separatoren

Dissectors, Dura Separators

Disecadores, descoladores de dura-madre

Dissecteurs, separateurs pour dure-mère

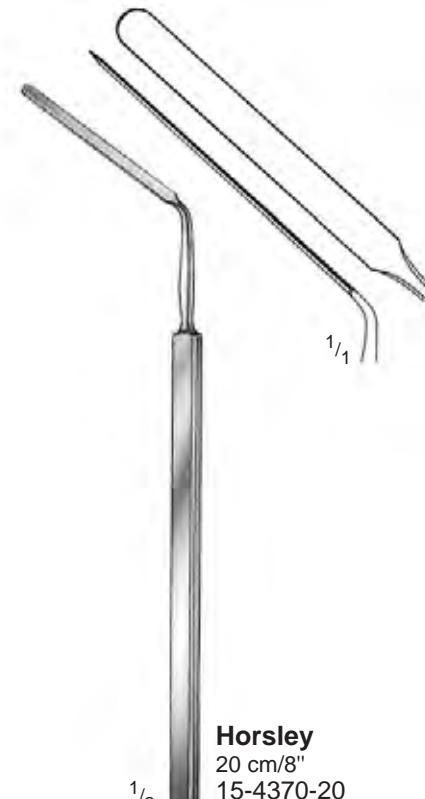




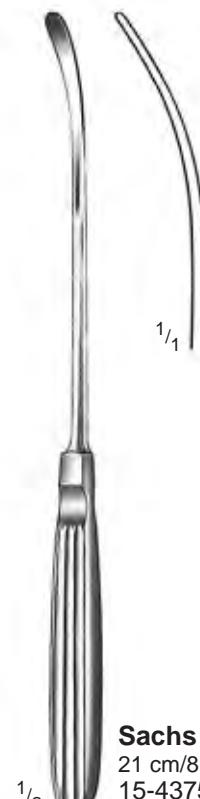
Frazier
15 cm/6"
15-4365-01

Hoen
15 cm/6"
15-4365-45

Hoen
15 cm/6"
15-4365-90



Horsley
20 cm/8"
15-4370-20



Sachs
21 cm/8 1/4"
15-4375-21

Jochbogenelevatorien
Elevadores para zigoma

Zygoma Elevators
Elévateurs pour l'arcade zygomatique



Dingman
21 cm/8 1/4"
15-4513-21



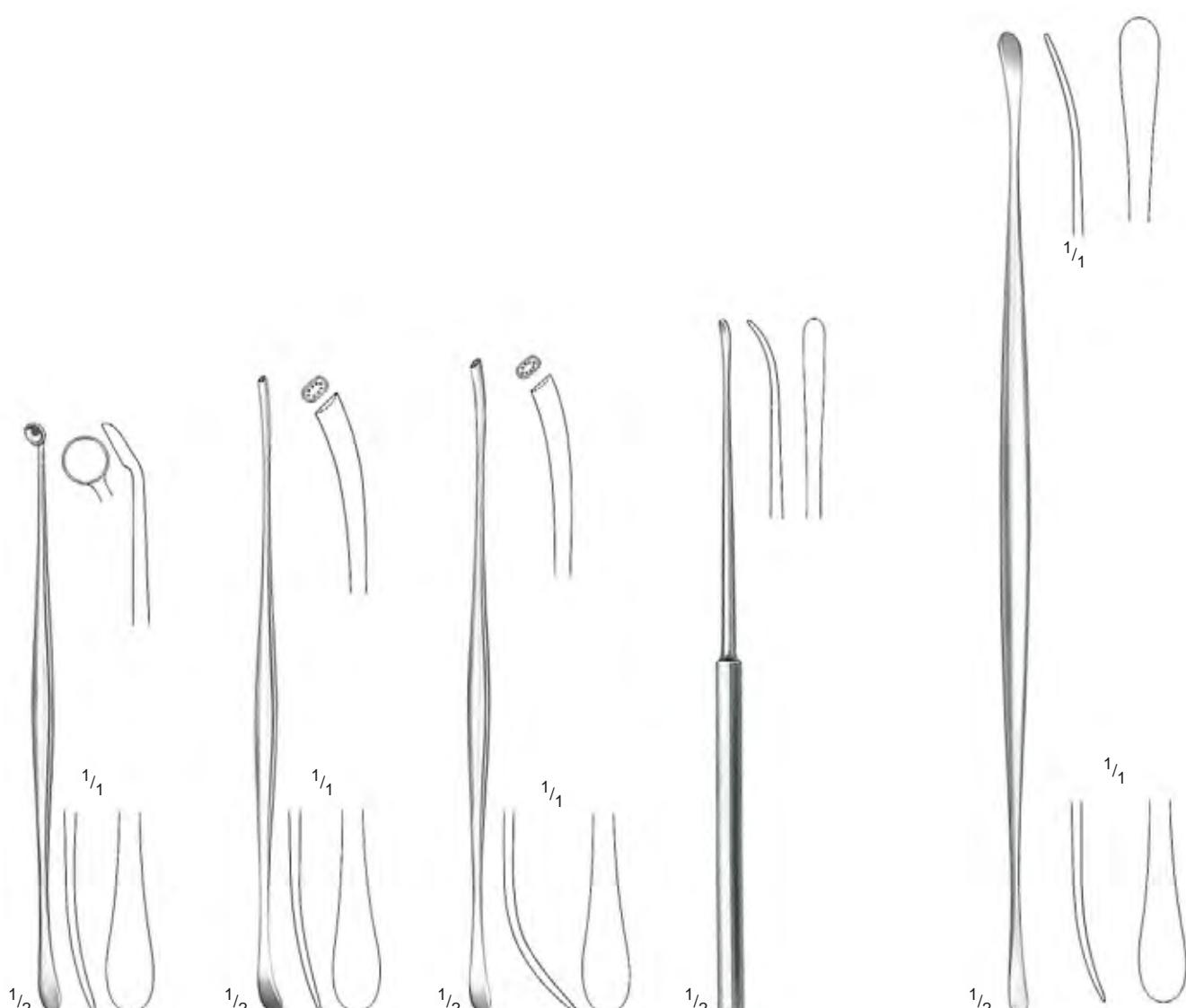
Gillies
21 cm/8 1/4"
15-4525-21
24 cm/9 1/2"
15-4525-24



Gillies
21 cm/8 1/4"
15-4527-21
24 cm/9 1/2"
15-4527-24



دایسکتور - دورا

Dura-Dissektoren**Dura Dissectors****Disecadores de duramadre****Décolles dure-mère**

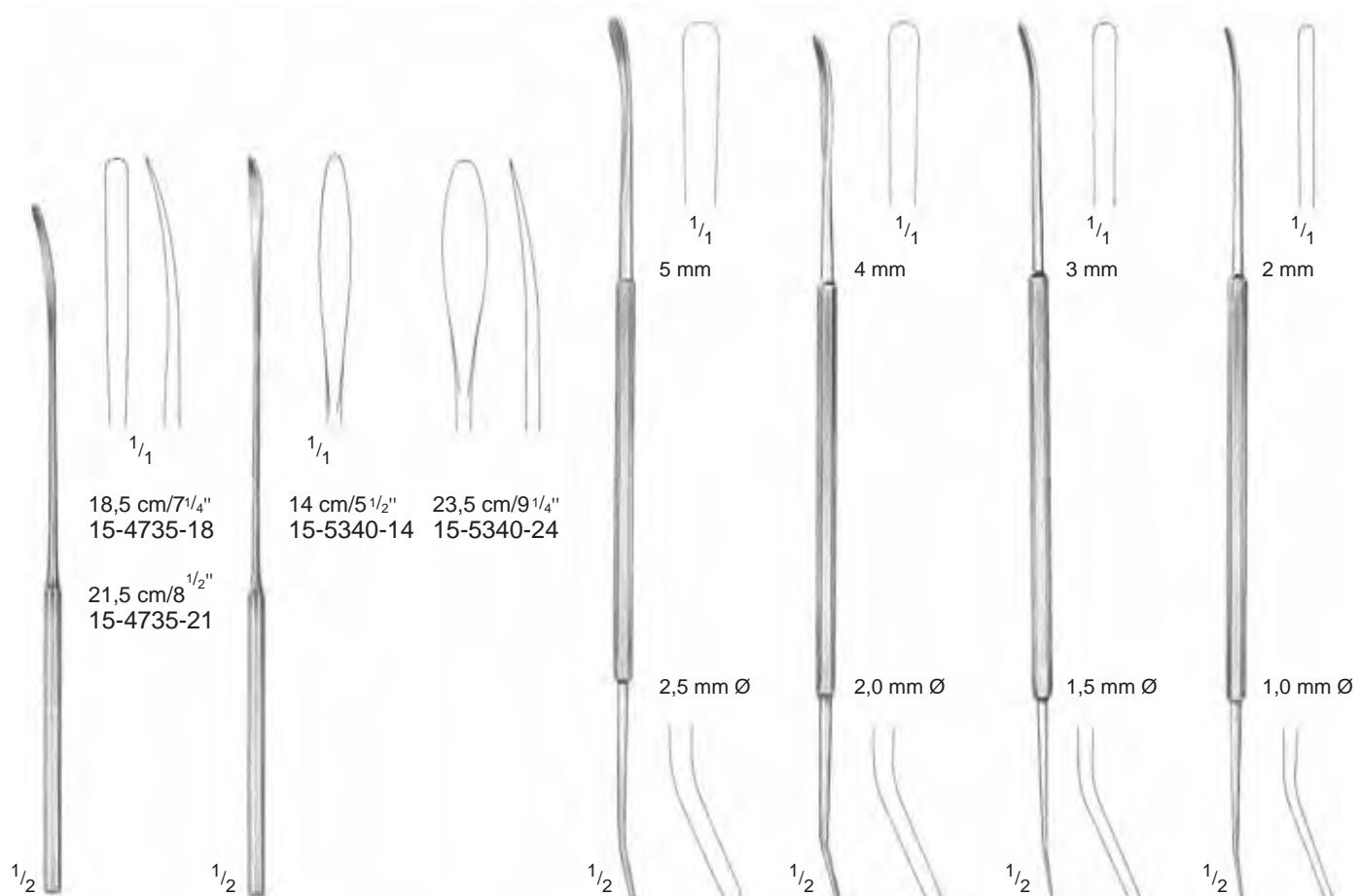
Penfield
Fig. 1
17,5 cm/7"
15-4388-01

Penfield
Fig. 2
19,5 cm/7^{3/4}"
15-4388-02

Penfield
Fig. 3
19,5 cm/7^{3/4}"
15-4388-03

Penfield
Fig. 4
20,5 cm/8"
15-4388-04

Penfield
Fig. 5
29 cm/11 1/2"
15-4388-05



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

15



16



Univer®

پنس استخوان بر، بن روتزور، دنده بر
پنس استخوانگیر، انبردست، سیمچین، دمباریک

**Knochensplitterzangen,
Hohlmeißelzangen,
Rippenscheren, Knochen-
haltezangen, Septum-
richtzangen, Drahtkneif-
zangen, Flachzangen**

**Bone Cutting Forceps,
Bone Rongeurs, Rib
Shears, Bone Holding
Forceps, Septum
Straightening Forceps,
Wire Cutting Pliers,
Flat Nose Pliers**

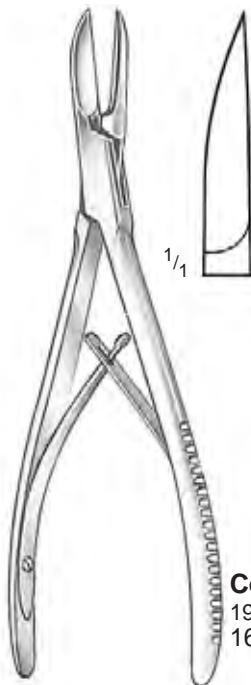
**Pinzas cortantes para
huesos, pinzas-gubias,
costótomas, pinzas para
huesos, pinzas para hueso
nasal, alicates para cortar
alambre, alicates planos**

**Pinces coupantes, pinces-
gouges, costotomes,
daviers, pinces pour
redresser la cloison nasale,
pinces coupantes pour
broches, pinces plates**

Univer - Made in IRAN



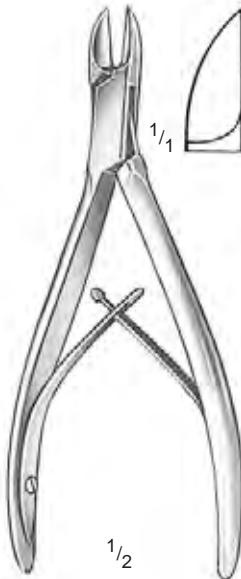
پنس استخوان بر
Knochensplitterzangen
Bone Cutting Forceps
Pinzas cortantes para huesos
Pinces coupantes



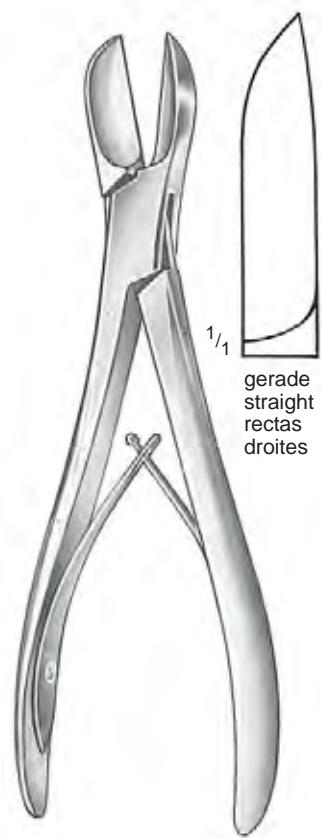
Cottle-Kazanjian
 19 cm/7 1/2"
 16-0100-19



14 cm/5 1/2"

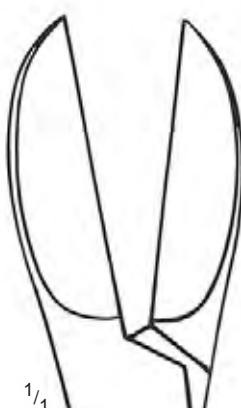


Littauer-Liston
 15,5 cm/6"
 16-0140-15

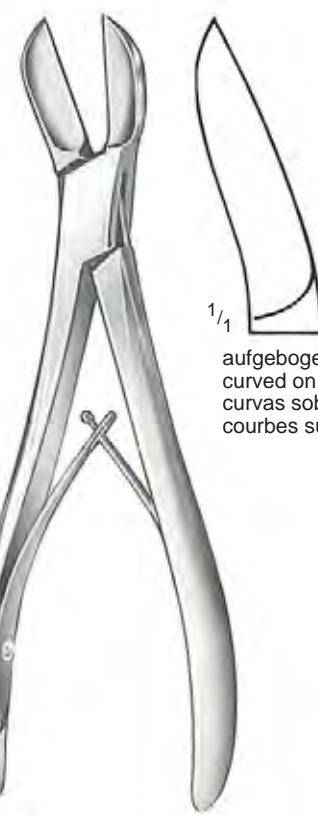


gerade
 straight
 rectas
 droites

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 plat

cm	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

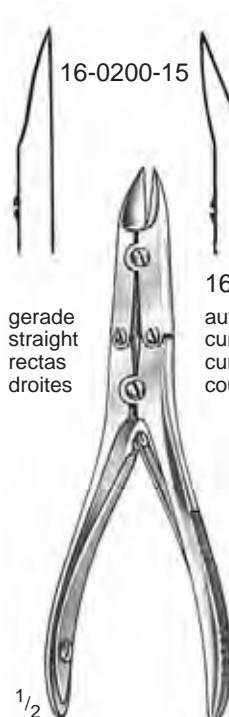
Bone Cutting Forceps

Pinzas cortantes para huesos

Pince coupantes



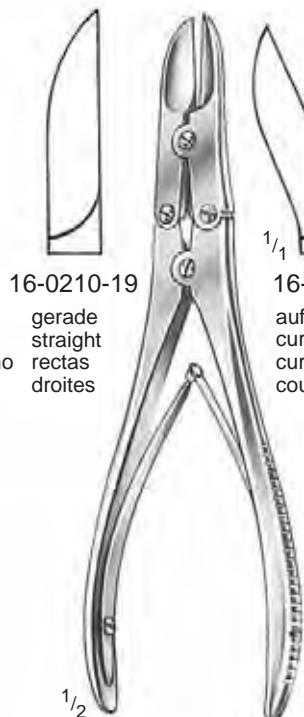
16



gerade
straight
rectas
droites



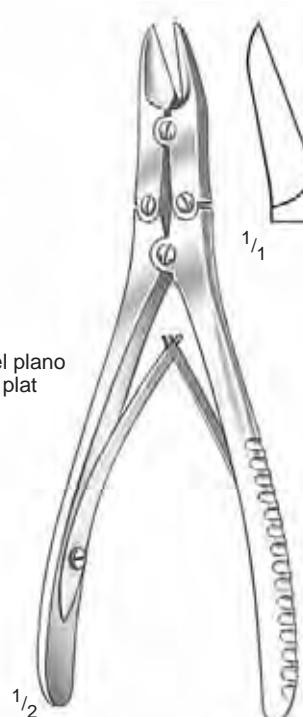
aufgebogen
curved
curvas sobre el plano
courbes sur le plat



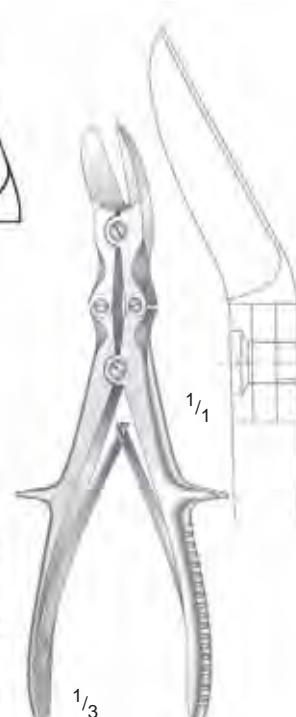
gerade
straight
rectas
droites



aufgebogen
curved
curvas sobre el plano
courbes sur le plat



McIndoe
18 cm/7"
16-0223-17



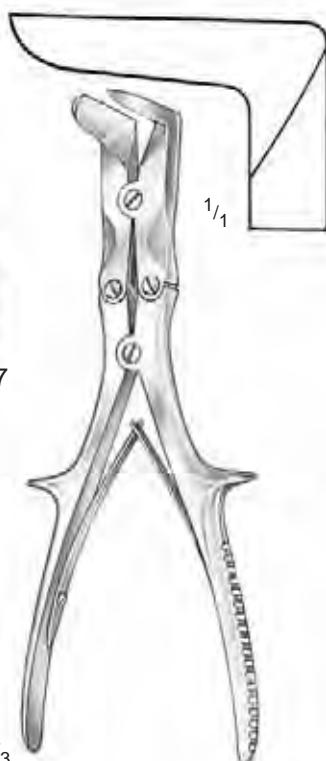
Liston
24 cm/9 1/2"
16-0241-24



16-0300-27



16-0301-27



Stille-Liston
26 cm/10 1/4"
16-0303-26



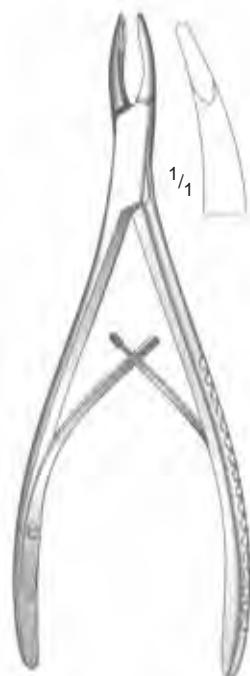
Liston-Key-Horsley
27 cm/10 3/4"
16-0305-27



Semb
23 cm/9"
16-0307-23



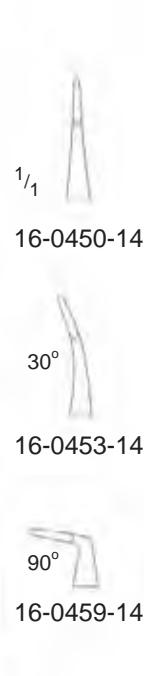
بن روتنور (استخوان تراش)
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



Micro Friedman
15 cm/6"
2 x 6 mm



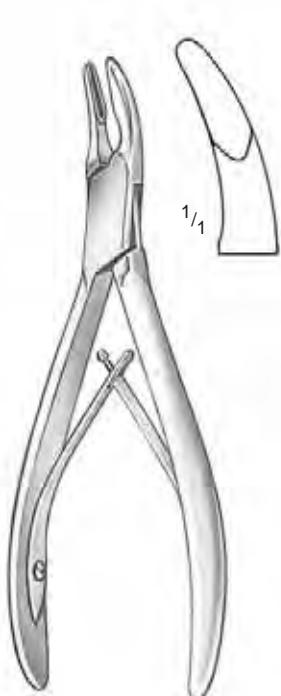
Micro Friedman
14 cm/5 1/2"
1,5 x 5 mm



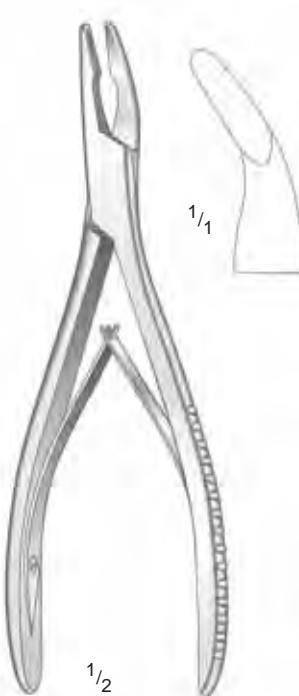
Friedman
14 cm/5 1/2"
16-0501-14



Friedman
14 cm/5 1/2"
16-0502-14

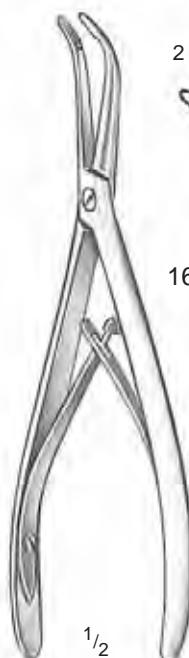


Hartmann
18,5 cm/7 1/4"
16-0580-18

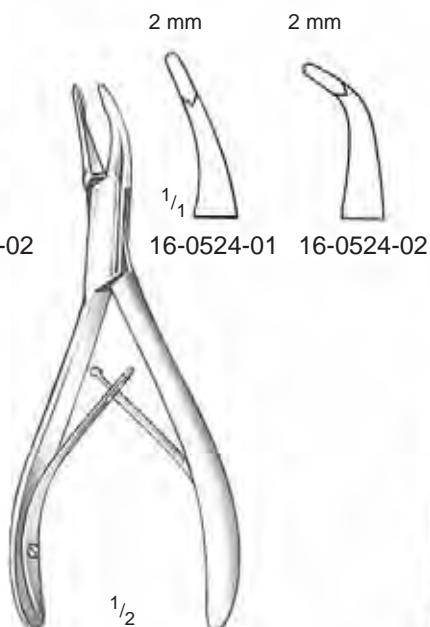
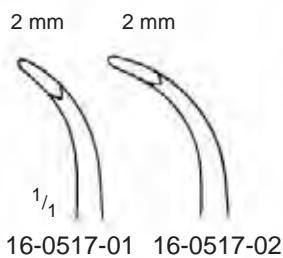


Bane-Hartmann
17 cm/6 3/4"
16-0589-17

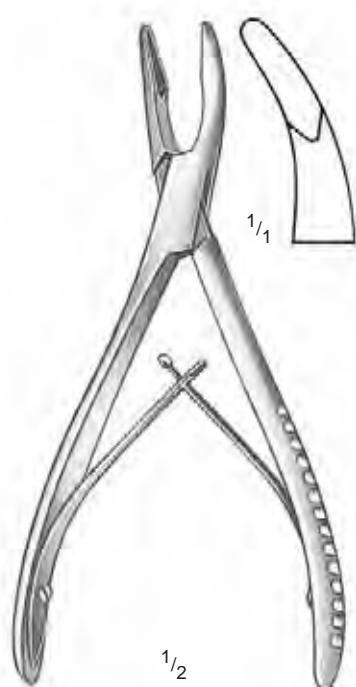
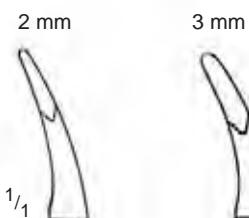
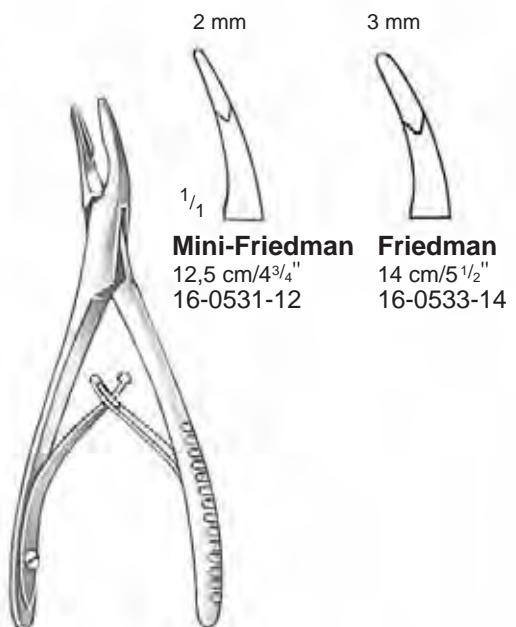
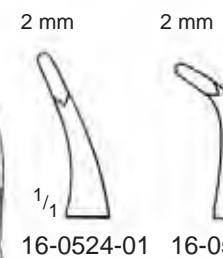
بن روتنزور (استخوان تراش)
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



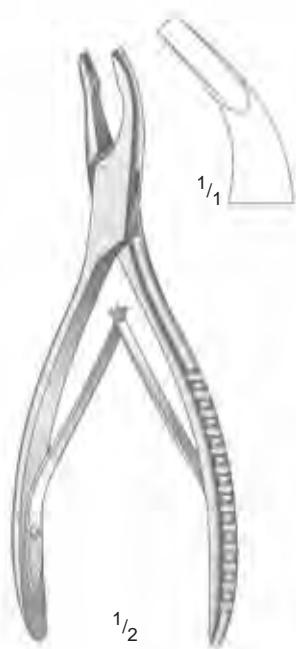
Stellbrink
17 cm/6 3/4"



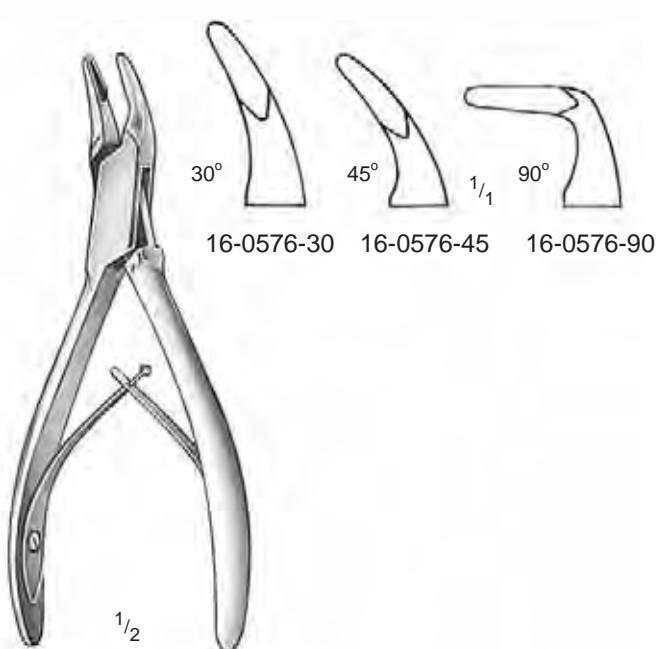
Kleinert-Kutz
14 cm/5 1/2"



Mead
17 cm/6 3/4"
16-0561-17



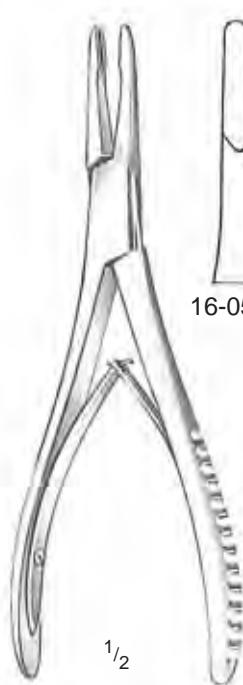
Mead
16,5 cm/6 1/2"
16-0562-17



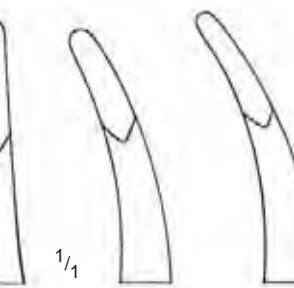
Blumenthal
16 cm/6 1/4"



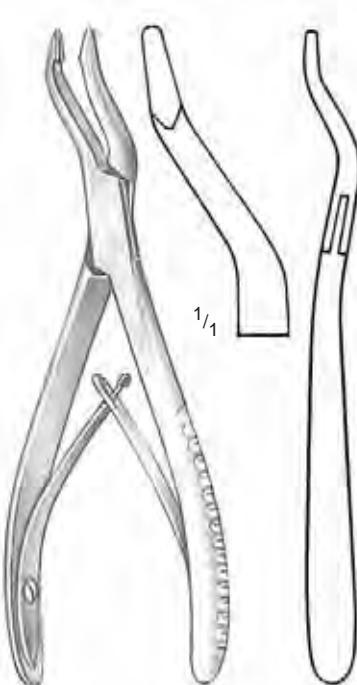
بن روتزور (استخوان تراش)
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



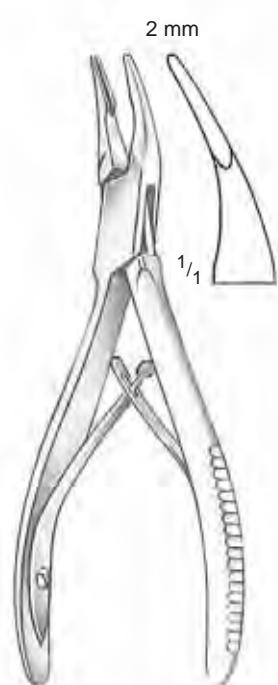
Jansen
17 cm/6 3/4"



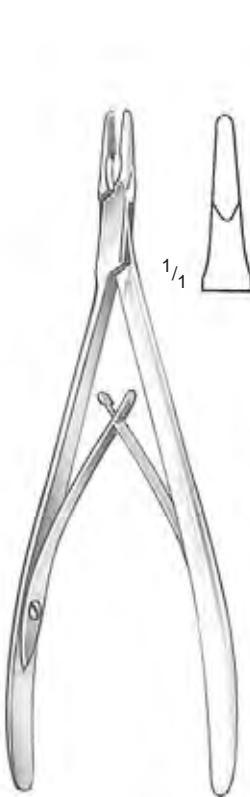
16-0596-17 1/1 16-0597-01 16-0597-02



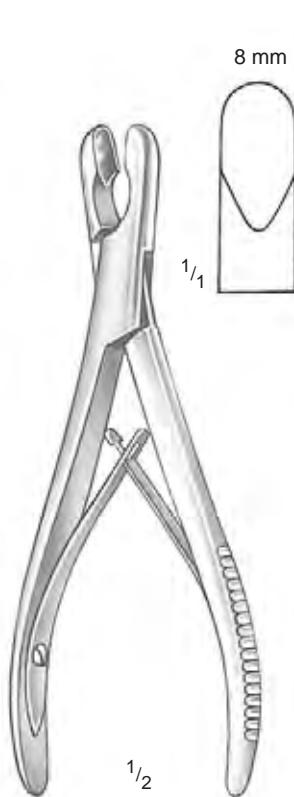
Jansen
18 cm/7"
16-0611-18



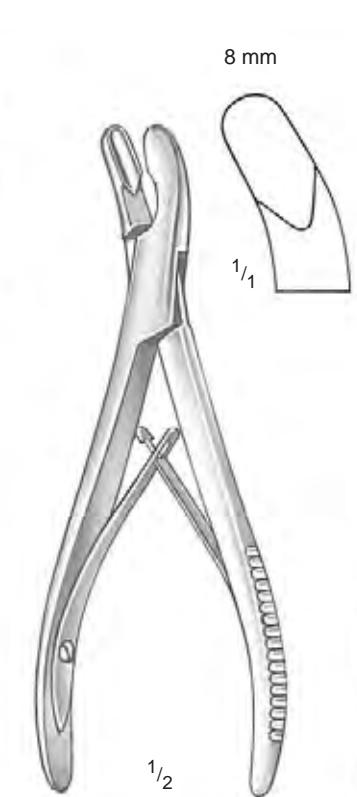
Beyer
17 cm/6 3/4"
16-0627-02



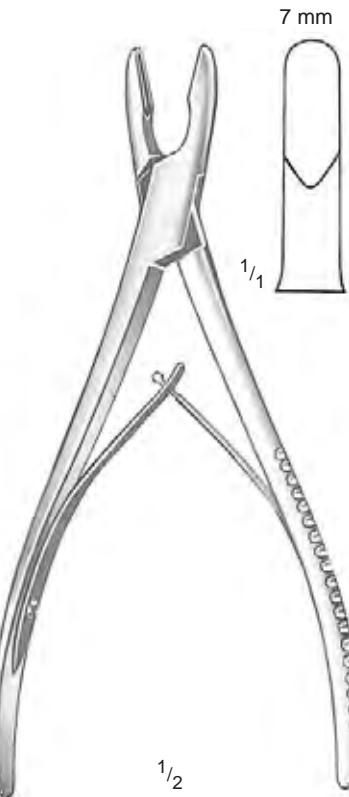
Lempert
19 cm/7 1/2"
16-0636-19



Luer
18 cm/7"
16-0650-18



Luer
18 cm/7"
16-0651-18



Adson
20 cm/8"
16-0670-20

بن روتزور (استخوان تراش)
Hohlmeißelzangen

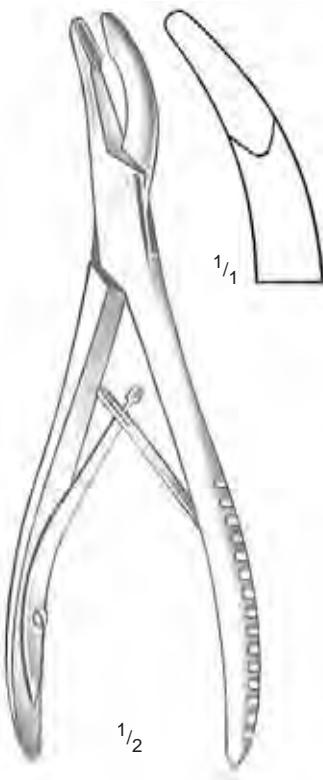
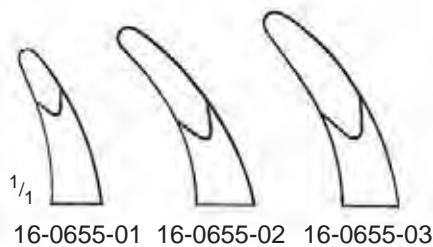
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



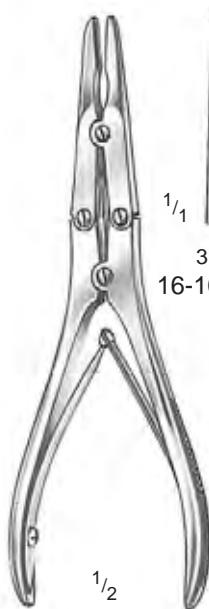
16



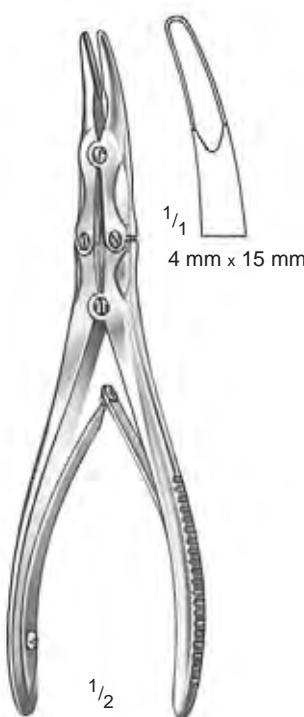
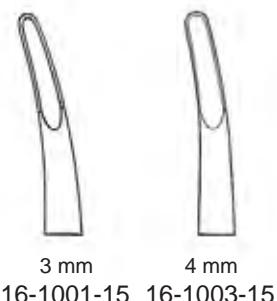
Luer
15 cm/6"



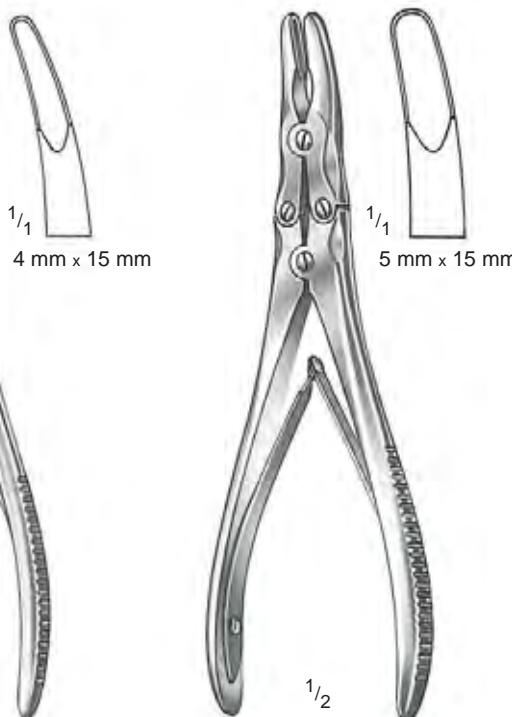
Olivecrona
20 cm/8"
16-0677-20



Böhler (Ruskin-Mini)
15 cm/6"



Beyer
18 cm/7"
16-1011-18



Zaufal-Jansen
18 cm/7"
16-1013-18



بن روتنور (استخوان تراش)

Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges

Laminectomy Rongeurs

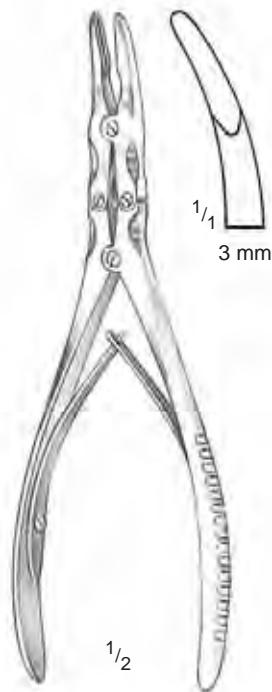


Smith-Peterson	gerade straight rectas droits		leicht gebogen light curve ligeramente curvas coubure légère		stark gebogen strong curve curva fuerte à forte coubure	
	3 mm	4 mm	3 mm	4 mm	3 mm	4 mm
19 cm/7 1/2"	16-1019-03	16-1019-04	16-1019-13	16-1019-14	16-1019-23	16-1019-24
24 cm/9 1/2"	16-1024-03	16-1024-04	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

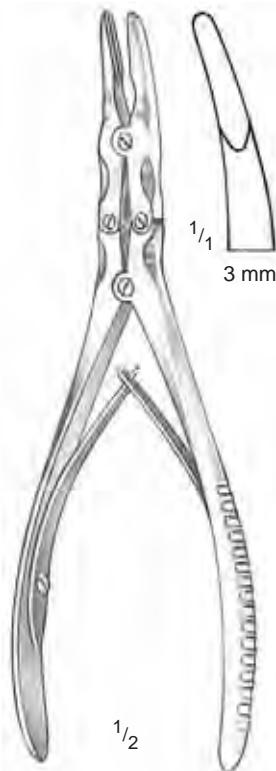
بن روتزور (استخوان تراش)
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



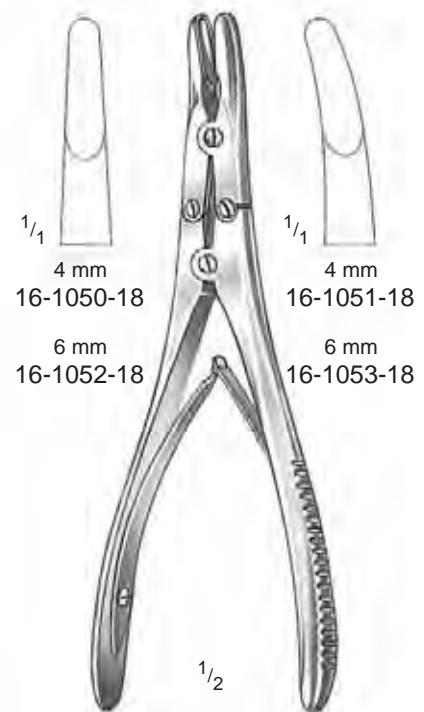
16



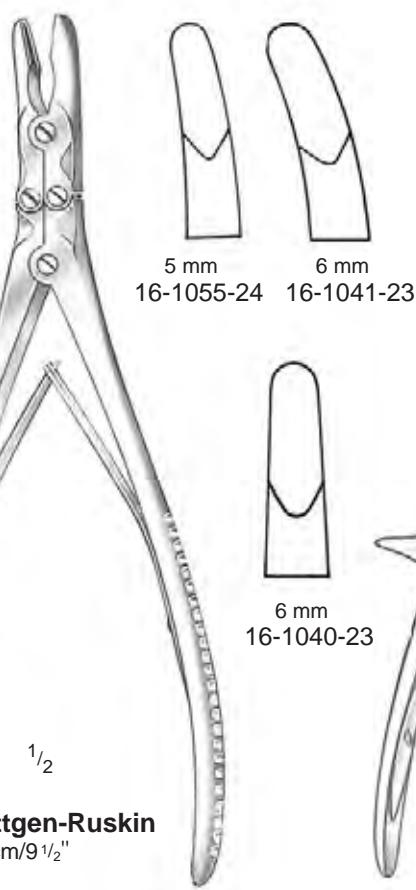
Mayfield
18,5 cm/7 1/4"
16-1035-18



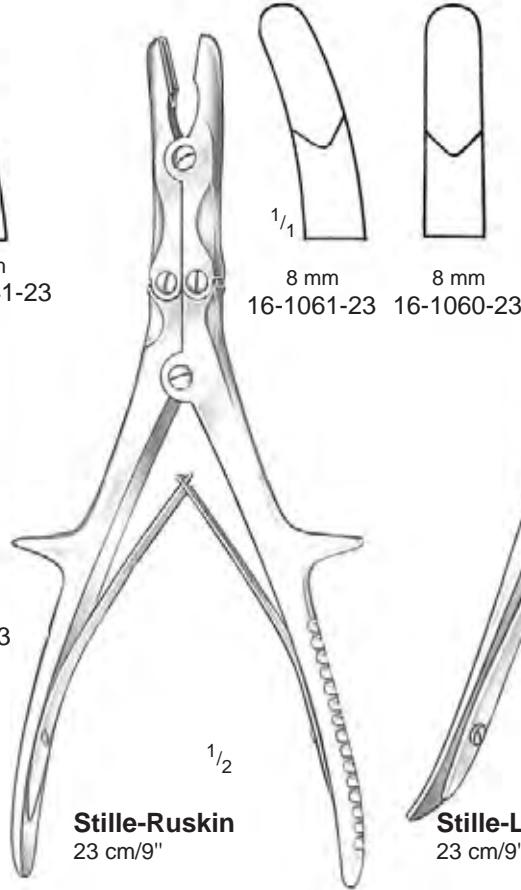
Marquardt
20 cm/8"
16-1037-20



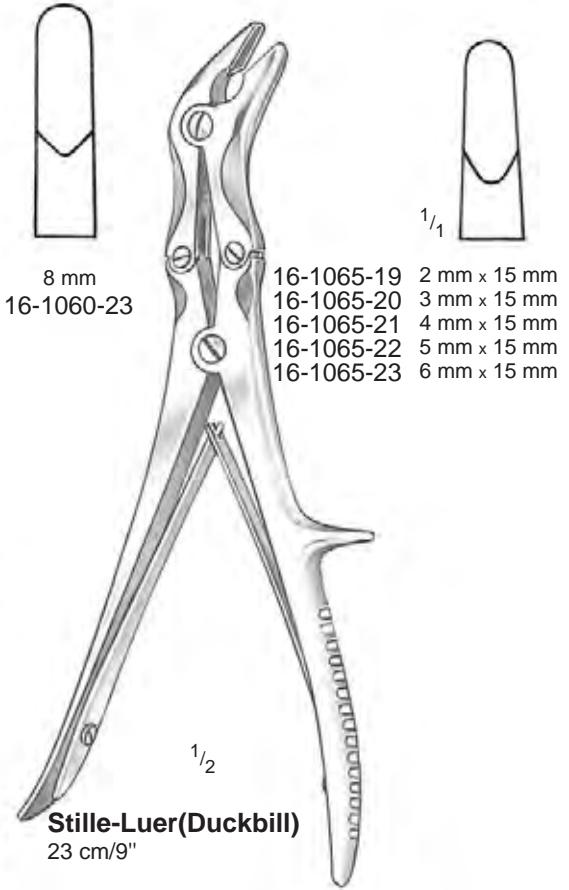
Ruskin
18 cm/7"



Röttgen-Ruskin
24 cm/9 1/2"



Stille-Ruskin
23 cm/9"



Stille-Luer(Duckbill)
23 cm/9"



بن روتنور (استخوان تراش)

Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



Stille-Luer

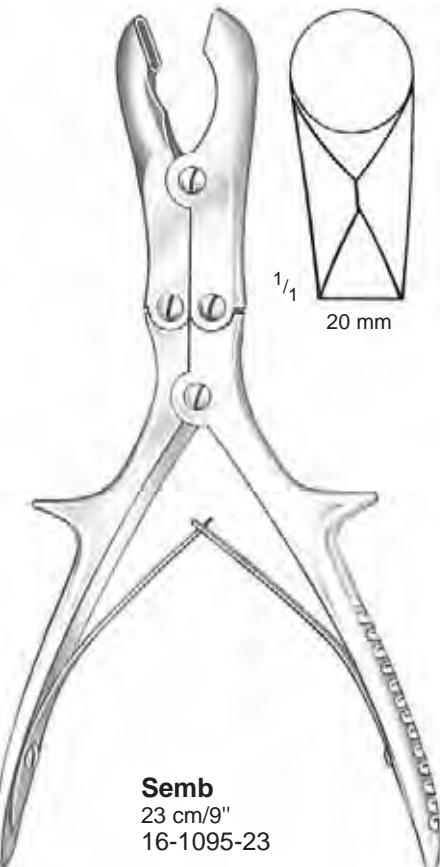
$1\frac{1}{1}$
22 cm/8 $\frac{3}{4}$ "
4 mm
16-1084-22
6 mm
16-1086-22
8 mm
16-1088-22
10 mm
16-1080-22
12 mm
16-1082-22

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

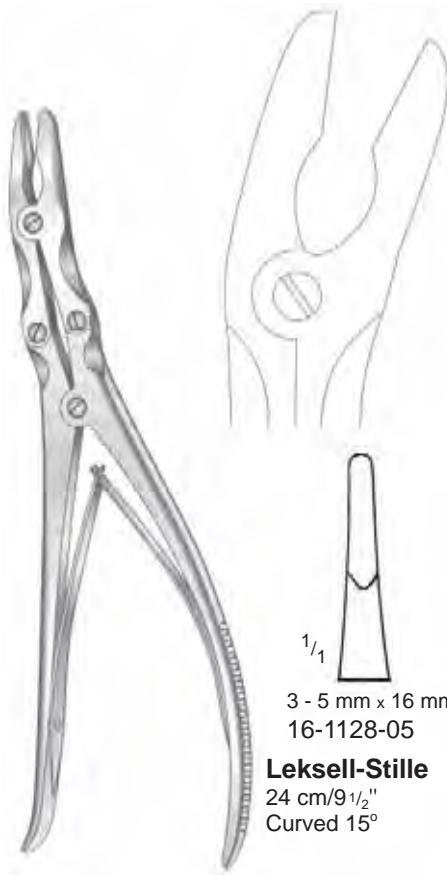
26 cm/10 $\frac{1}{4}$ "
17 mm
16-1090-26

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



$1\frac{1}{1}$
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°



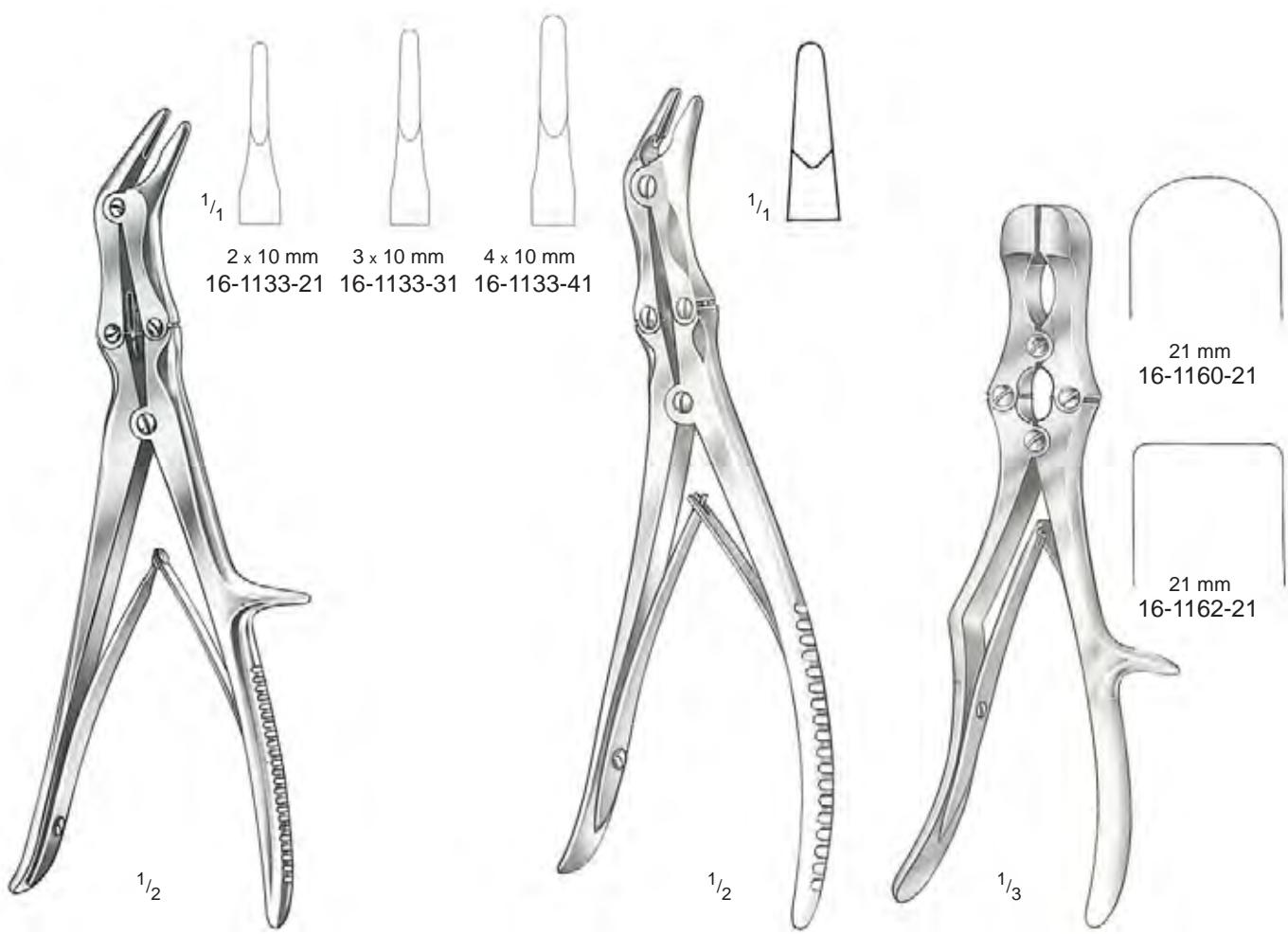
$1\frac{1}{1}$
3 - 5 mm x 16 mm 8 mm x 16 mm
16-1129-05 16-1129-08

Leksell
24 cm/9 $\frac{1}{2}$ "
Curved 50°

بن روتنزور (استخوان تراش)
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges



16



Echlin(Duckbill)
23 cm/9"

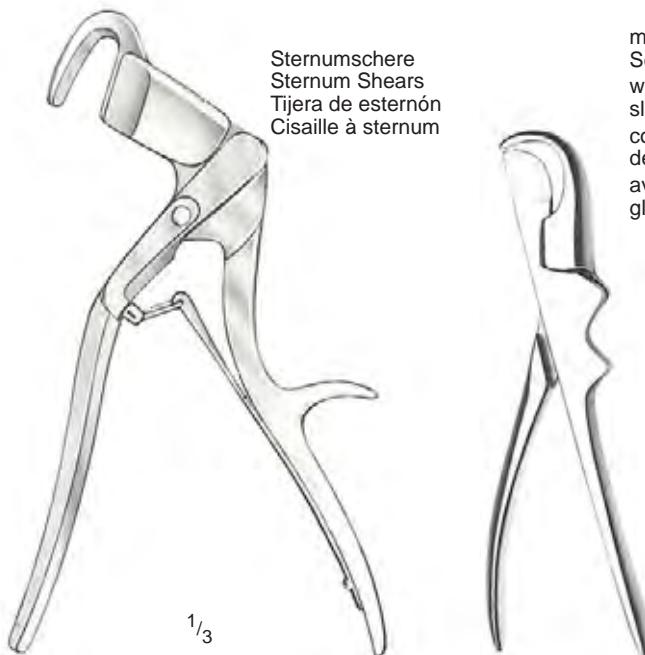
Frykholm
23 cm/9"
16-1135-23

Sauerbruch
30 cm/12"



دندہ بر

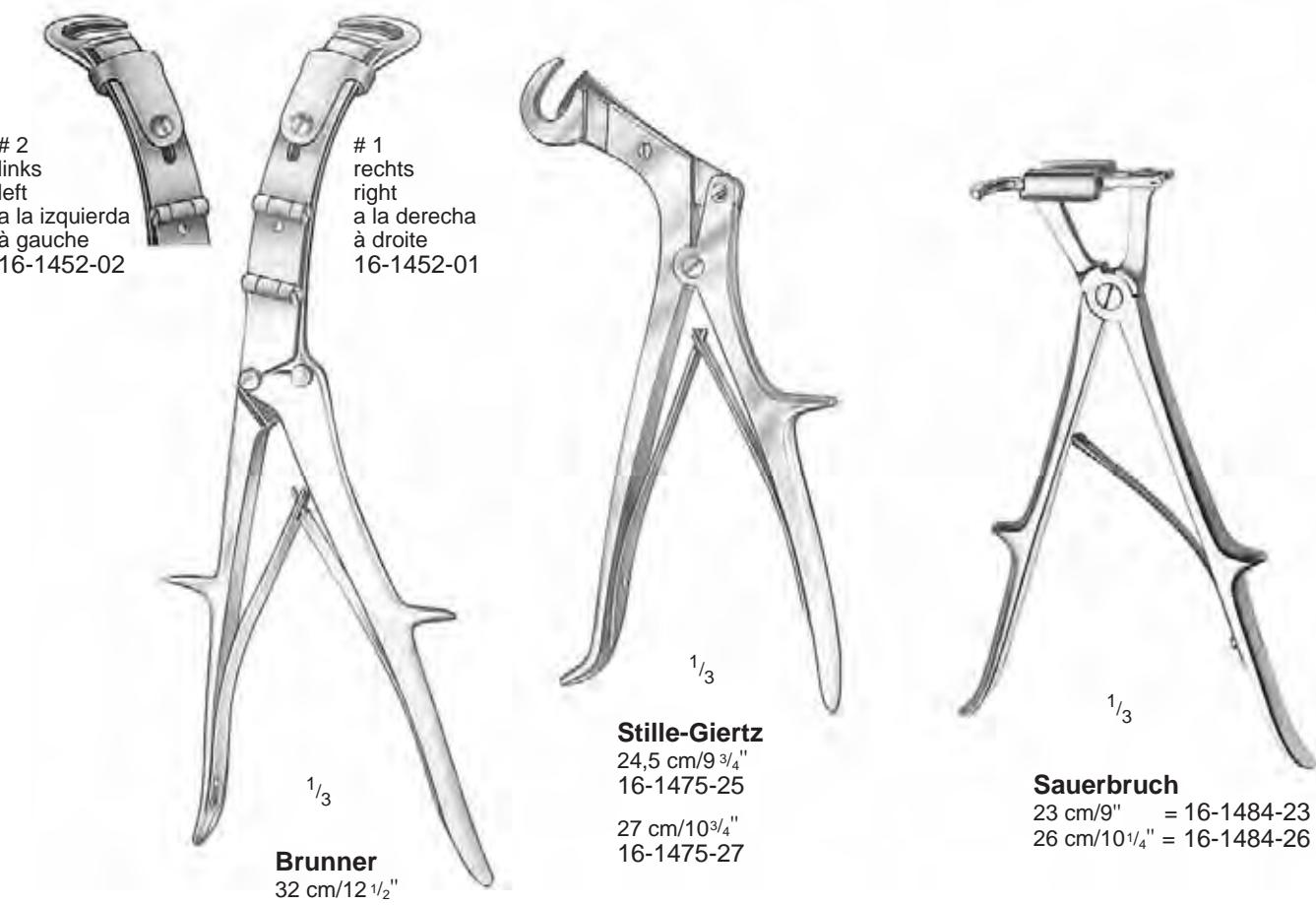
Rippenscheren, Sternumschere
Rib Shears, Sternum Shears
Costótomas, Tijera de esternón
Costotomes, Cisaille à sternum



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



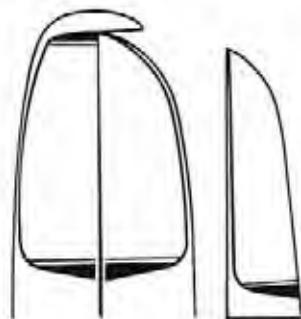
Sauerbruch
23 cm/9" = 16-1484-23
26 cm/10 1/4" = 16-1484-26

دندہ بر

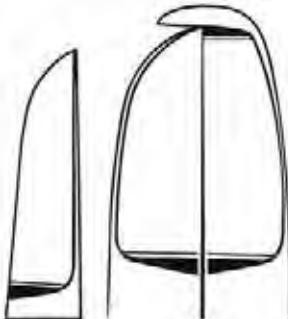
Rippenscheren
Rib Shears
Costótomas
Costotomes



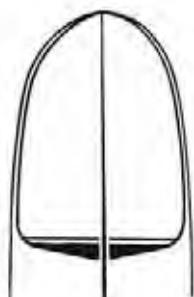
16



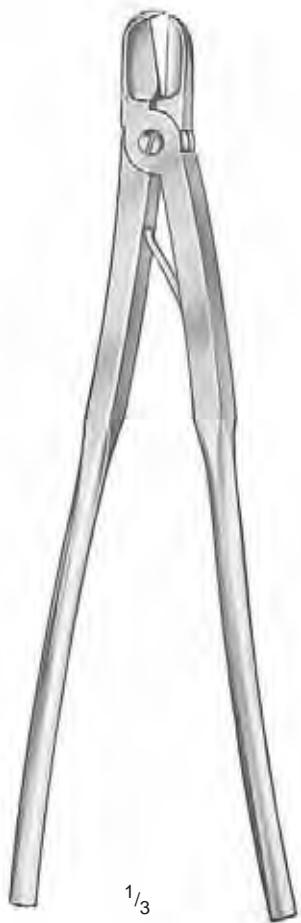
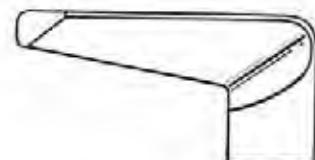
für die linke Hand
for the left hand
para la mano izquierda
pour la main gauche



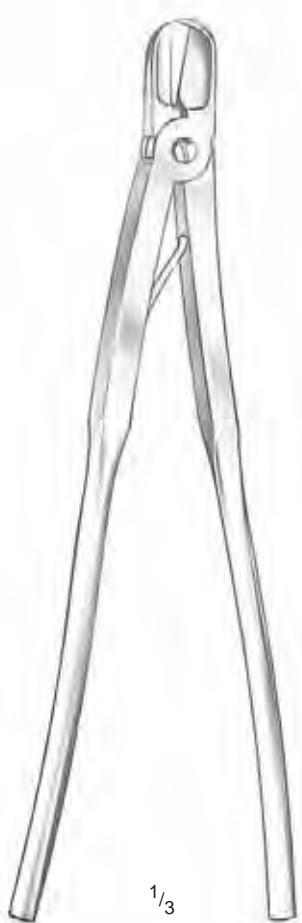
für die rechte Hand
for the right hand
para la mano derecha
pour la main droite



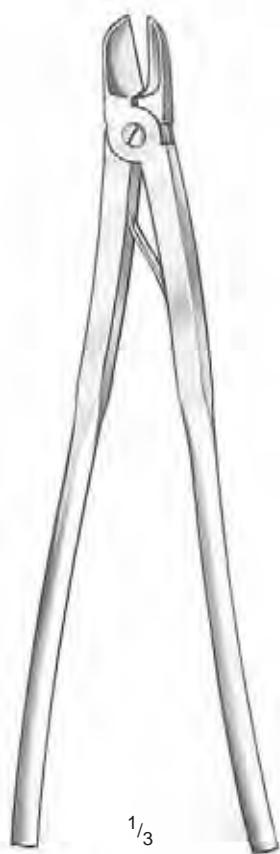
1/1



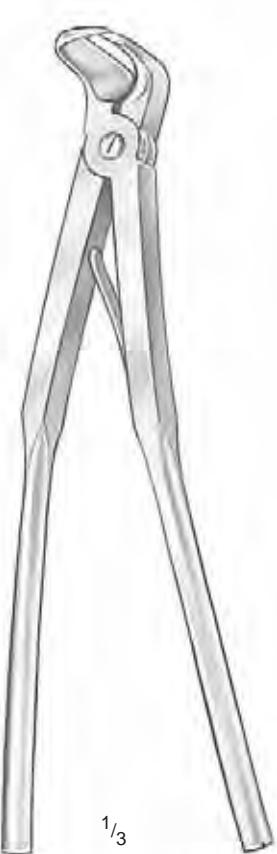
Coryllos-Bethune
35 cm/13 $\frac{3}{4}$ "
16-1535-02



Coryllos-Bethune
35 cm/13 $\frac{3}{4}$ "
16-1535-01



Bethune
34 cm/13 $\frac{1}{2}$ "
16-1540-34

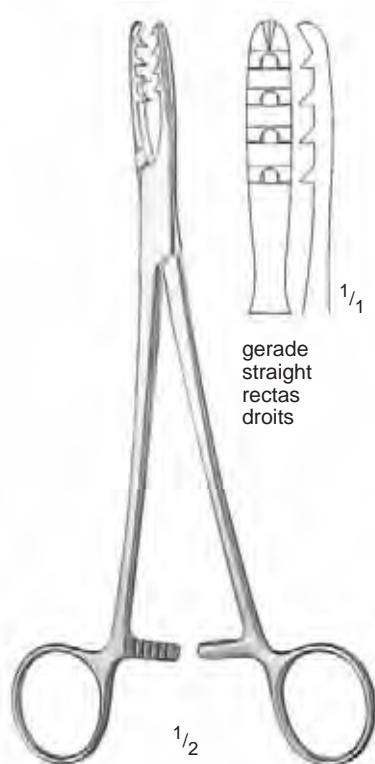


Roos
33 cm/13"
16-1543-33

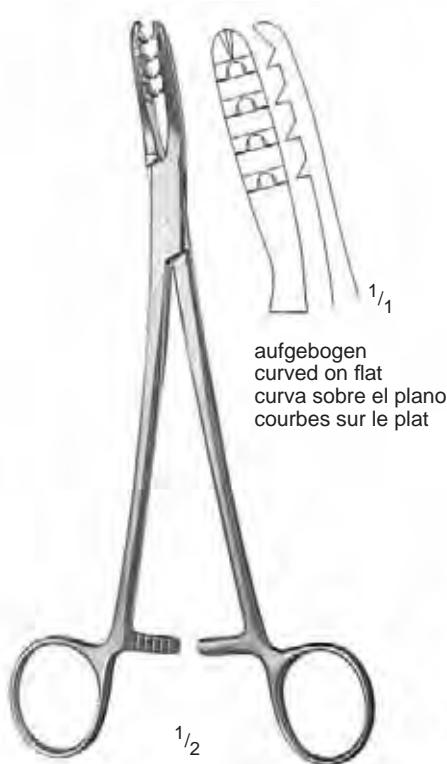


پنس منیسک، غضروف

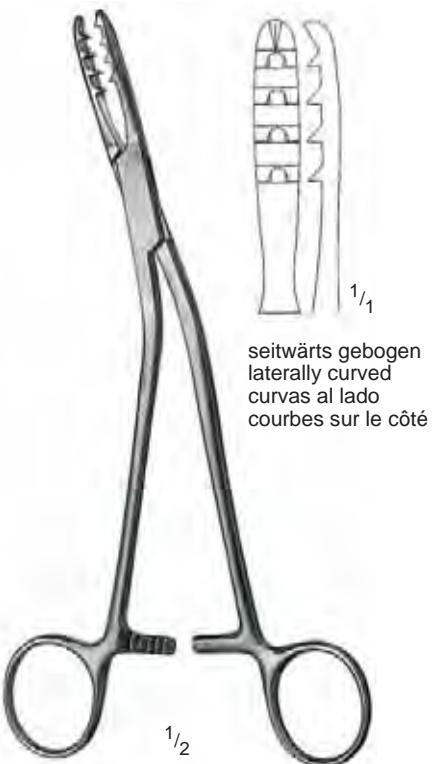
Meniskus- und Knorpelzangen
Meniscus- and Cartilage Forceps
Pinzas para meniscos y para cartilagos
Pince à ménisque et à cartilage



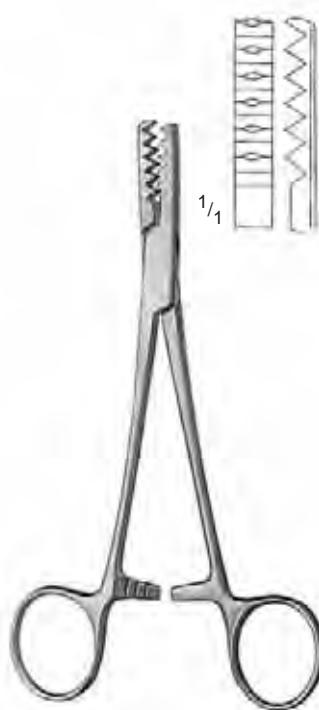
Bircher-Ganske
20 cm/8"
16-2002-20



Bircher-Ganske
20 cm/8"
16-2003-20



Bircher-Ganske
20 cm/8"
16-2005-20



Martin
16 cm/6 1/4"
16-2008-16



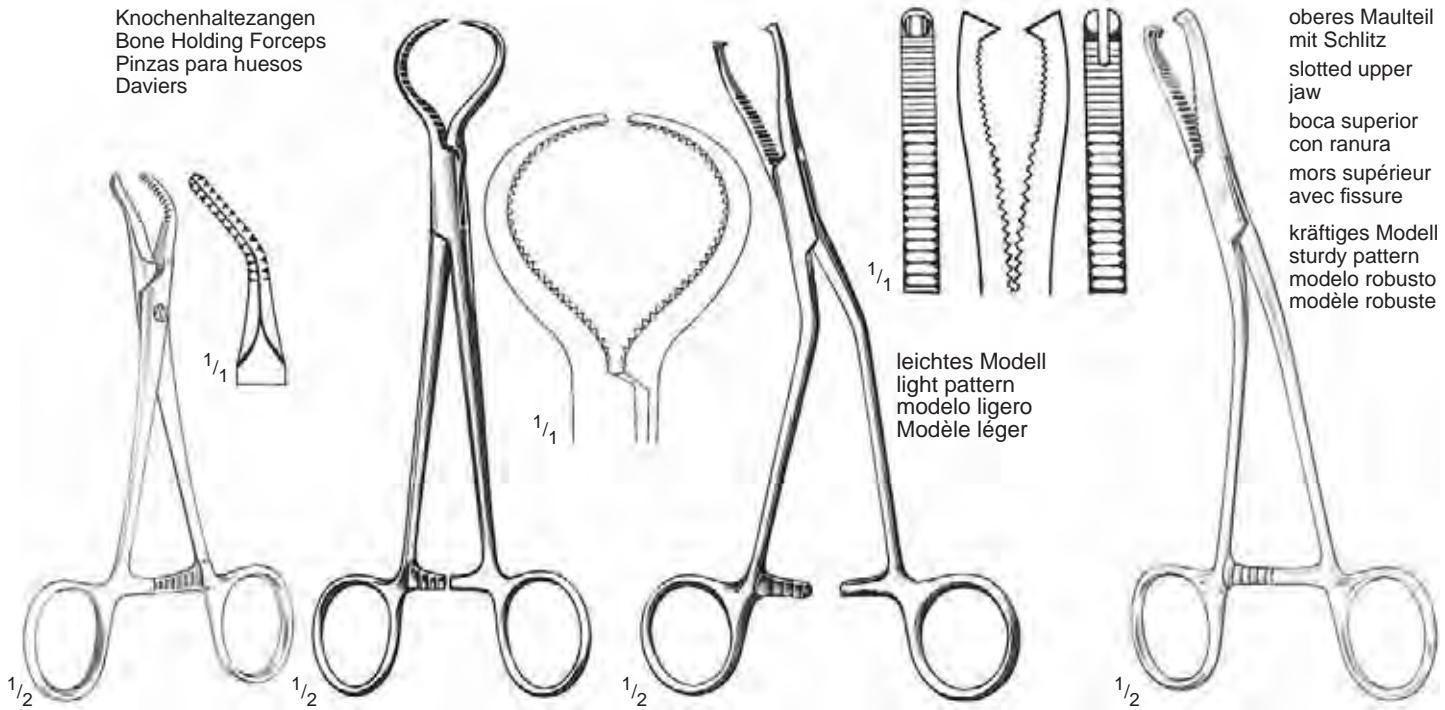
Martin
19,5 cm/7 3/4"
16-2008-19

پنس رداکشن سوزنی، استخوانگیر

**Knochenhaltezangen, Repositionszangen
Bone Holding Forceps, Reposition Forceps
Pinzas para huesos, pinzas para reducción
Daviers, pinces à réduction**



Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



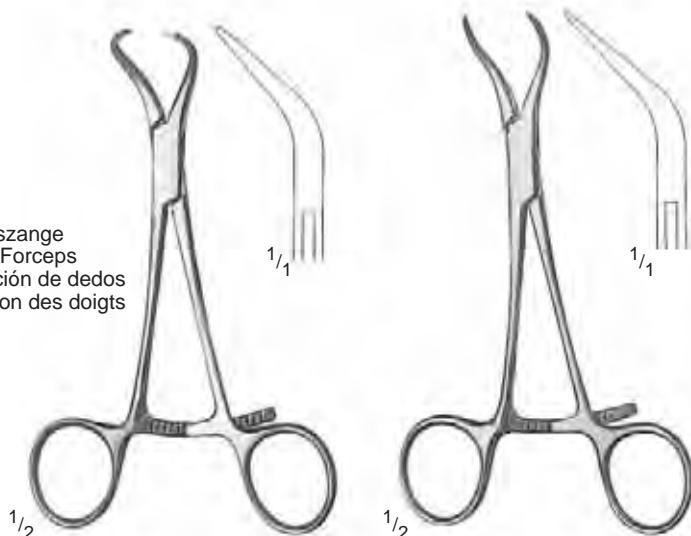
14 cm/5½"
16-2021-14

Lewin
18 cm/7"
16-2027-18

Dingman
18,5 cm/7¼"
16-2035-19

Dingman
18,5 cm/7¼"
16-2037-19

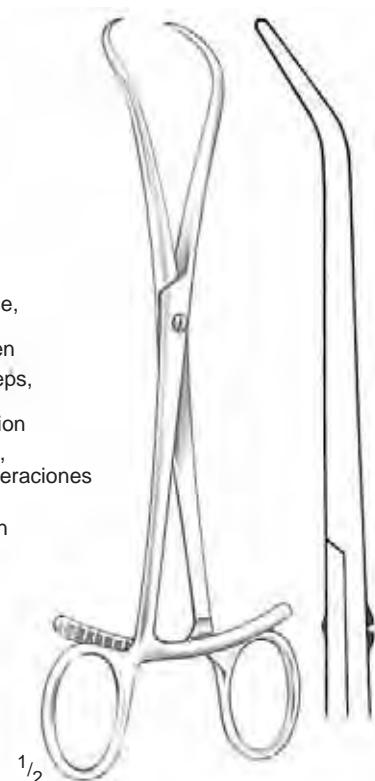
Finger-Repositionszange
Finger Reposition Forceps
Pinza para reposición de dedos
Pince pour réduction des doigts



Apart
13,5 cm/5¼" 16-2041-13
18 cm/7" 16-2041-18

Univer
14,5 cm/5¾" 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، استخوان‌گیر

Knochenhaltezangen, Repositionszangen
Bone Holding Forceps, Repositon Forceps
Pinzas para huesos, pinzas para reducción
Daviers, pinces 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

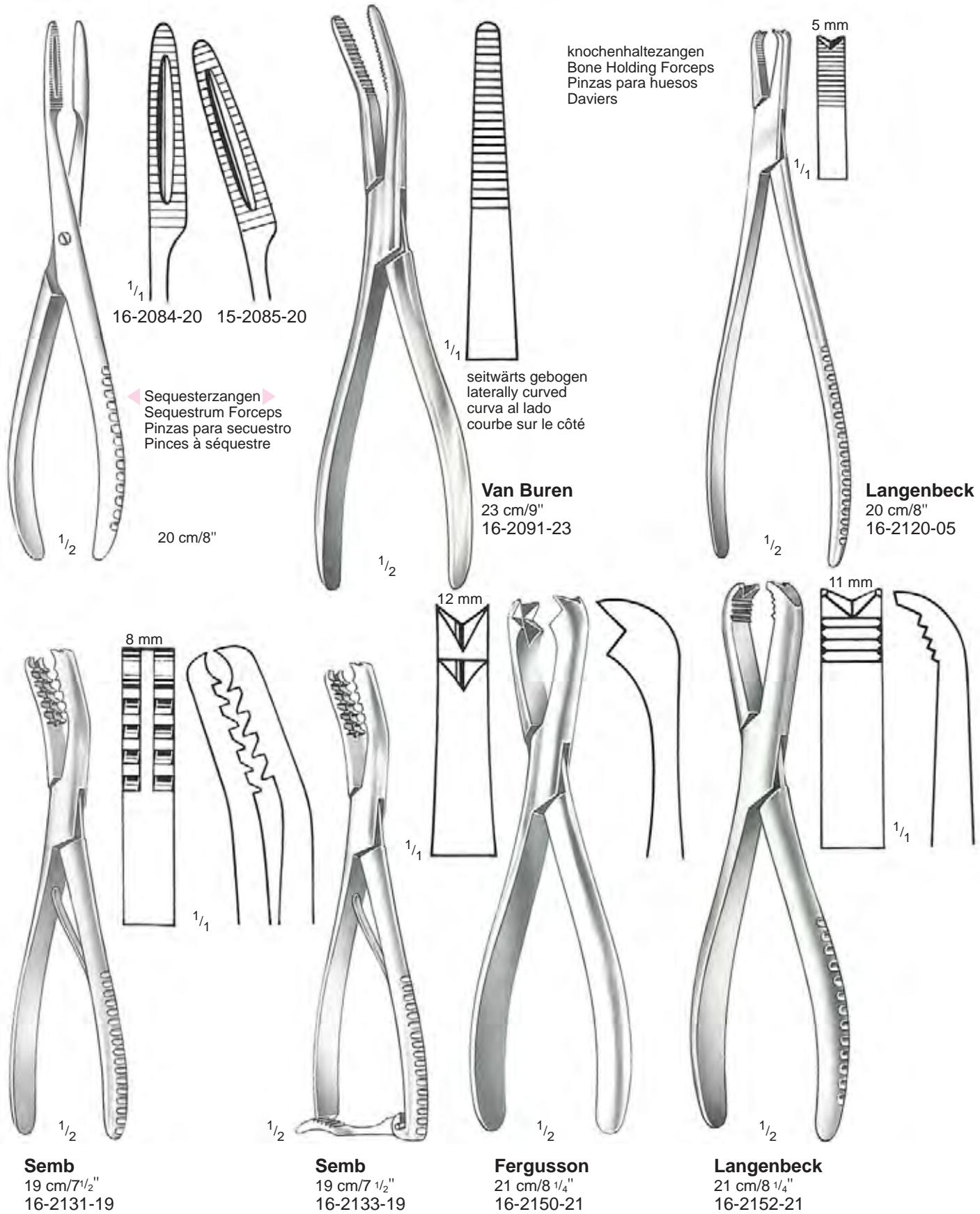


16

Sequesterzangen
Sequestrum Forceps
Pinzas para secuestro
Pince à séquestration

پنس استخوانگیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers

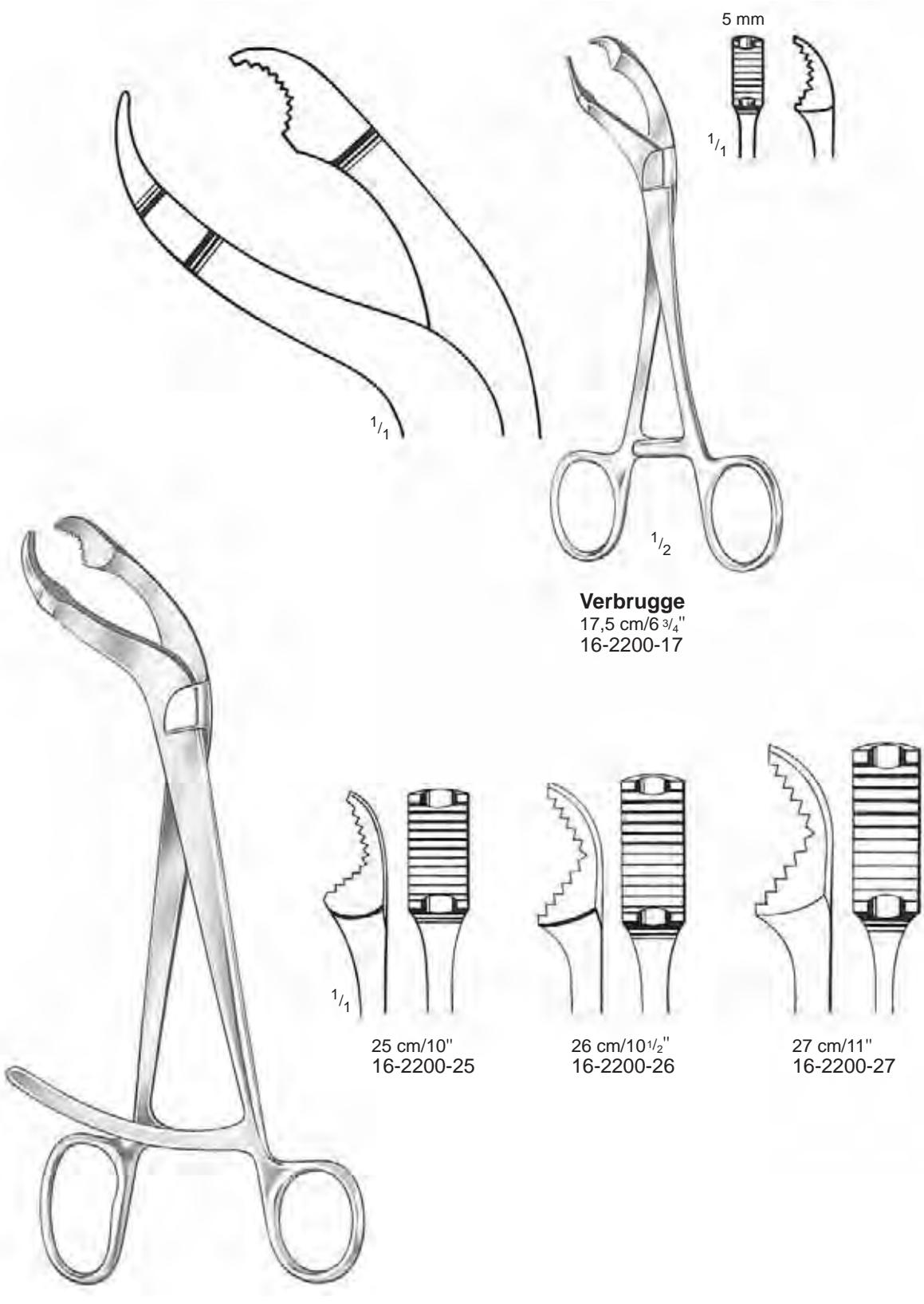


16



پنس استخوان گیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



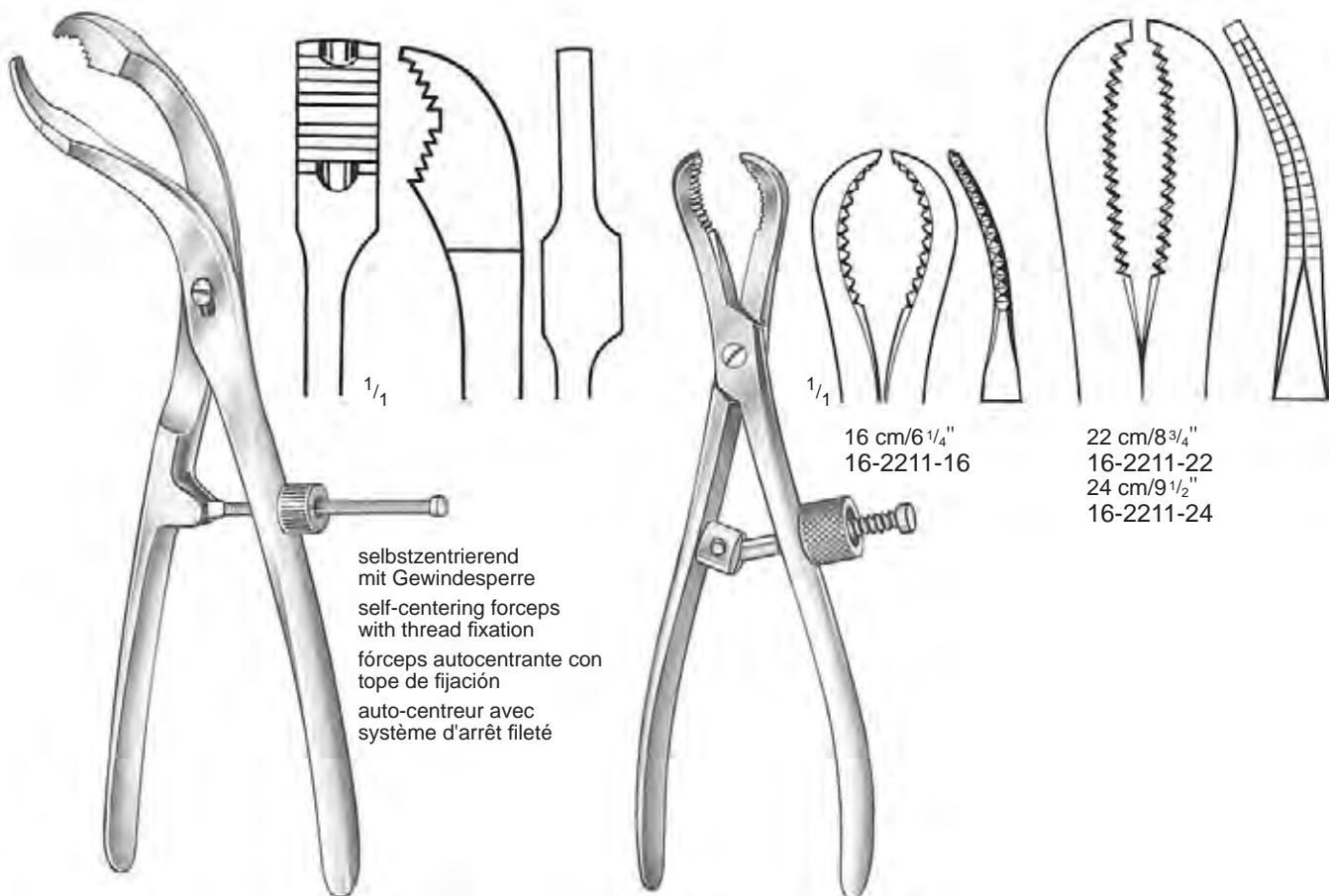
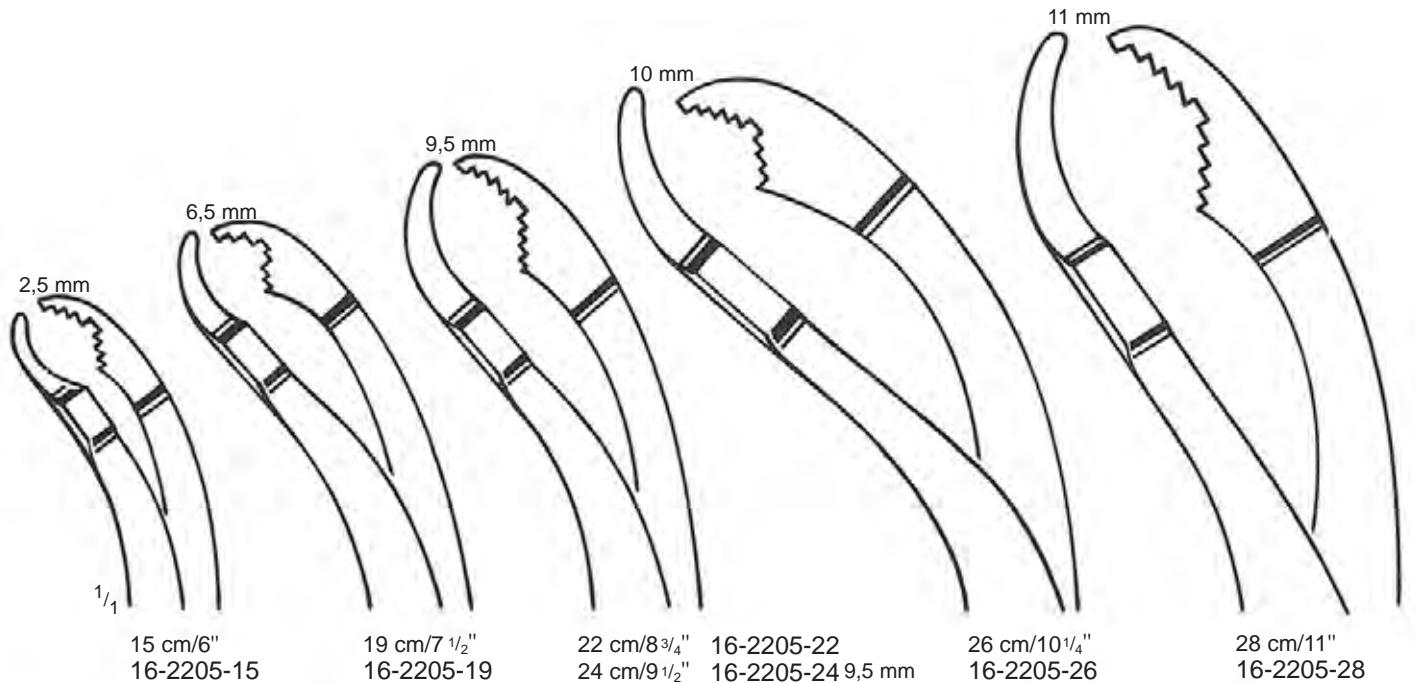
Verbrugge

پنس استخوانگیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



16



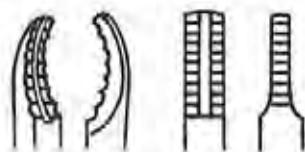
16-2205-15 - 16-2205-28

Setter

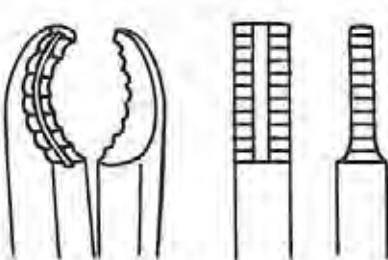


پنس استخوان‌گیر

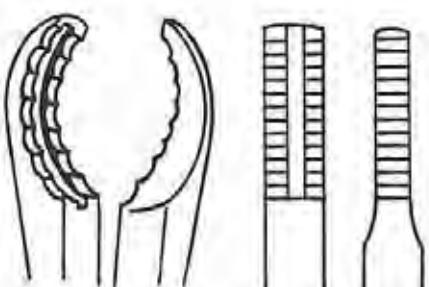
Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



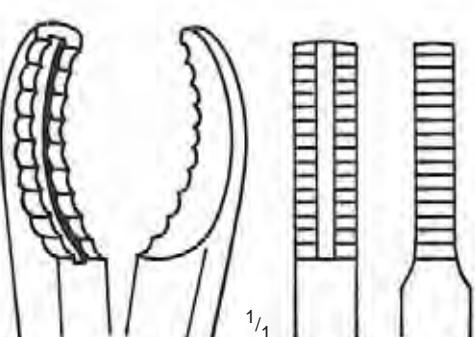
18 cm/7"
16-2220-18



23 cm/9"
16-2220-23



25 cm/10"
16-2220-25



28 cm/11"
16-2220-28



1 Maulteil beweglich
one jaw swiveled
una mandibula móvil
un mors móvil



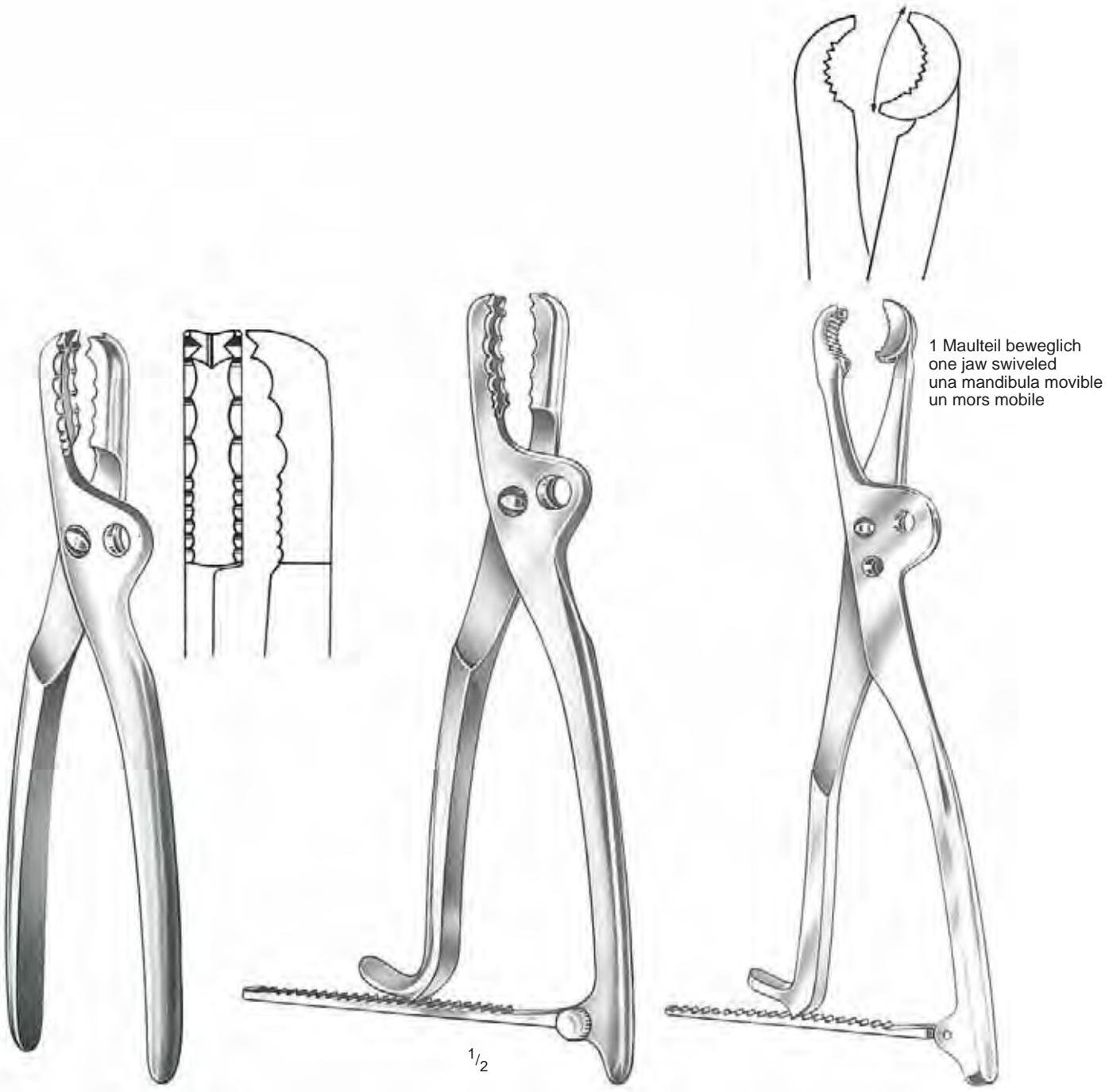
Ulrich
28 cm/11"
16-2223-28

پنس استخوانگیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



16



Farabeuf
16-2310-23 = 23 cm/9"
16-2310-23 = 23 cm/10 $\frac{1}{4}$ "

Farabeuf-Lambotte
26 cm/10 $\frac{1}{4}$ "
16-2315-26

Lambotte
16-2320-22 = 22 cm/8 $\frac{3}{4}$ "
16-2320-27 = 27 cm/10 $\frac{1}{2}$ "
16-2320-30 = 30 cm/12"

verstellbar ■ adjustable ■ móviles ■ réglables



پنس استخوان‌گیر

Knochenhaltezangen
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

پنس استخوانگیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Daviers



16

ohne Sperre
without ratchet
sin cremallera
sans crémaillère



mit Sperre
with ratchet
con cremallera
avec crémaillère



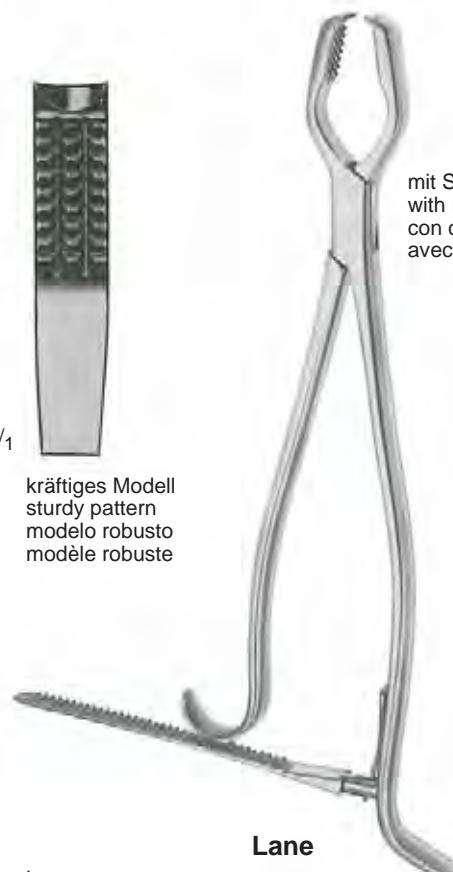
Kern Kern

cm	in.	Kern	Kern
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



mit Sperre
with ratchet
con cremallera
avec crémaillère



Lane

	cm	in.	
16-2360-33	33	13	16-2362-33
16-2360-43	43	17	16-2362-43



كلمپ استخوانی

Knochenhalteklemmern, 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



Lowman

cm	inch.	
12	4 3/4	16-2410-12
18	7	16-2410-18
20	8	16-2410-20
22	8 3/4	16-2410-22



Lowman-Hoglund
18 cm/7"
16-2420-18
20 cm/8"
16-2420-20
22 cm/8 3/4"
16-2420-22



Lowman Modif.

cm	inch.	
12	4 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



Radolf
14 cm/5 1/2"
16-2494-14

پینبر، سیمچین، انبردست، دمباریک

Flachzangen, Drahtschneidezangen

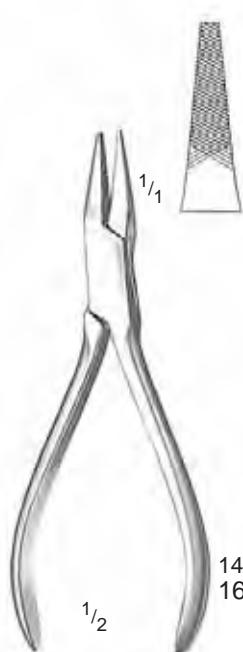
Flat Pliers, Pin and Wire Cutter

alicates planos, fórceps para cortar alambre y agujas

pince à mors plats, pinces coupantes pour fils métalliques



16



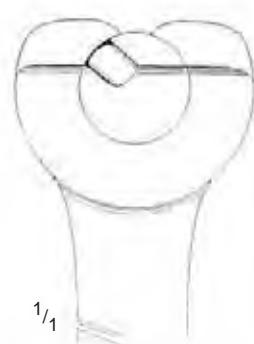
14 cm/5 1/2"
16-3010-14



17 cm/6 3/4"
16-3020-17



16 cm/6 1/4"
16-3702-16



17 cm/6 3/4"
8-830DE-17

Drahtbiegezange
Wire Bending Pliers
Alicate para doblar alambre
Pince pour plier le fil d'acier



پینبر، دمباریک، پلاک خمکن (دستی، رومیزی)، انبرقفلی

Flachzangen, Tonnenzange

Flat Nose Pliers, Vise Grip, Plate bending iron, Locking plier

Alicates de pico plano

Pince plates



Wire Plier

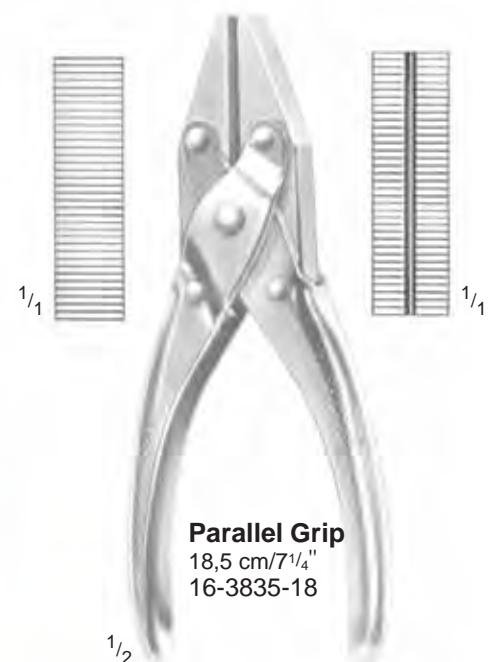
18 cm/7"
16-3823-18

16 cm/6 1/4"
16-3823-16



Flat Nose Plier

8-813E-16
16,5 cm/6 1/2"



Parallel Grip

18,5 cm/7 1/4"
16-3835-18



Small

17,5 cm/6 3/4"
16-4804-92

Medium

20 cm/8"
16-4804-96

Large

25,5 cm/10"
16-4804-24

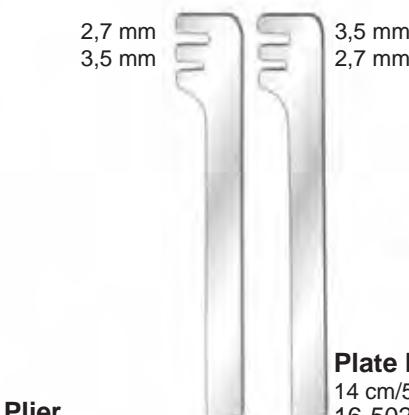
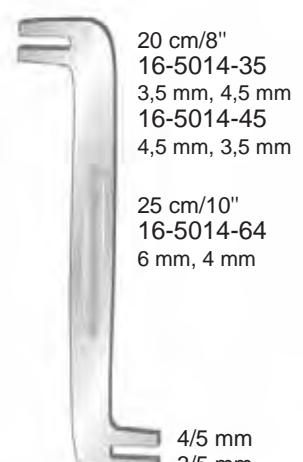


Plate Benders Pair

14 cm/5 1/2"
16-5027-35

Lane Bending Tool For Bone Plates, Double-Ended

3,5 mm
4,5 mm
6 mm



20 cm/8"
16-5014-35
3,5 mm, 4,5 mm
16-5014-45
4,5 mm, 3,5 mm

25 cm/10"
16-5014-64
6 mm, 4 mm

4/5 mm
3/5 mm
4 mm

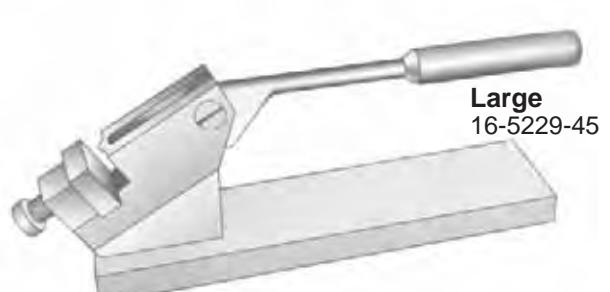


Plate Bending & Contouring Device

Large

16-5229-45

پین بر - سیم چین (تنگستن کارباید)

Drahtschneidezangen, Seltenschleifer Univer Gold T/C

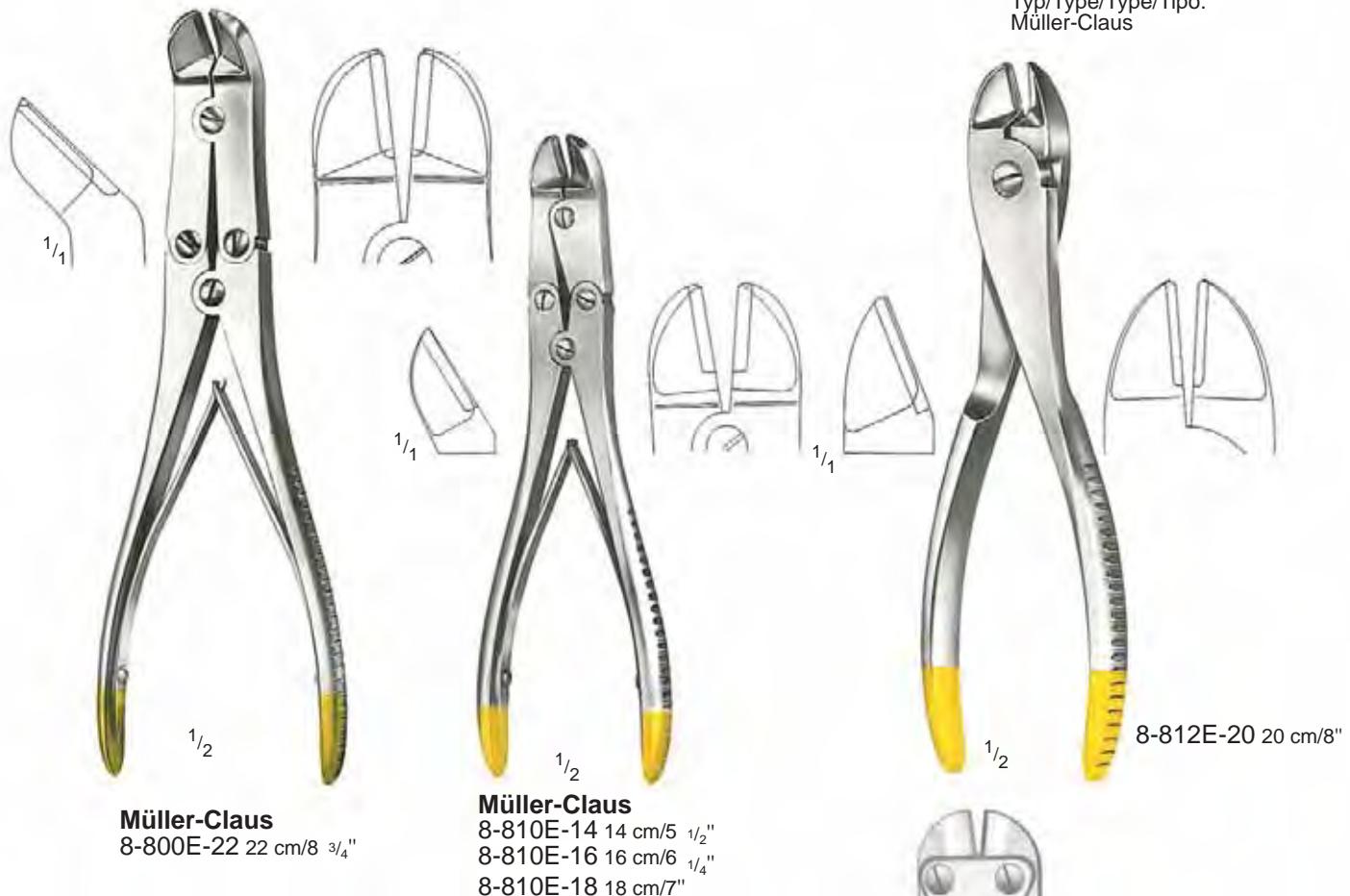
Pin Cutters, Wire Cutters Univer Gold T/C

Fórceps para cortar alambre y agujas Univer Gold T/C

Pince coupantes pour fils métalliques Univer Gold T/C



16



Typ/Type/Type/Tipo:
Müller-Claus

8-812E-20 20 cm/8"

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"



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

Angle

13 cm/5"
8-815E-13

1/2

Plate Cutting Forceps

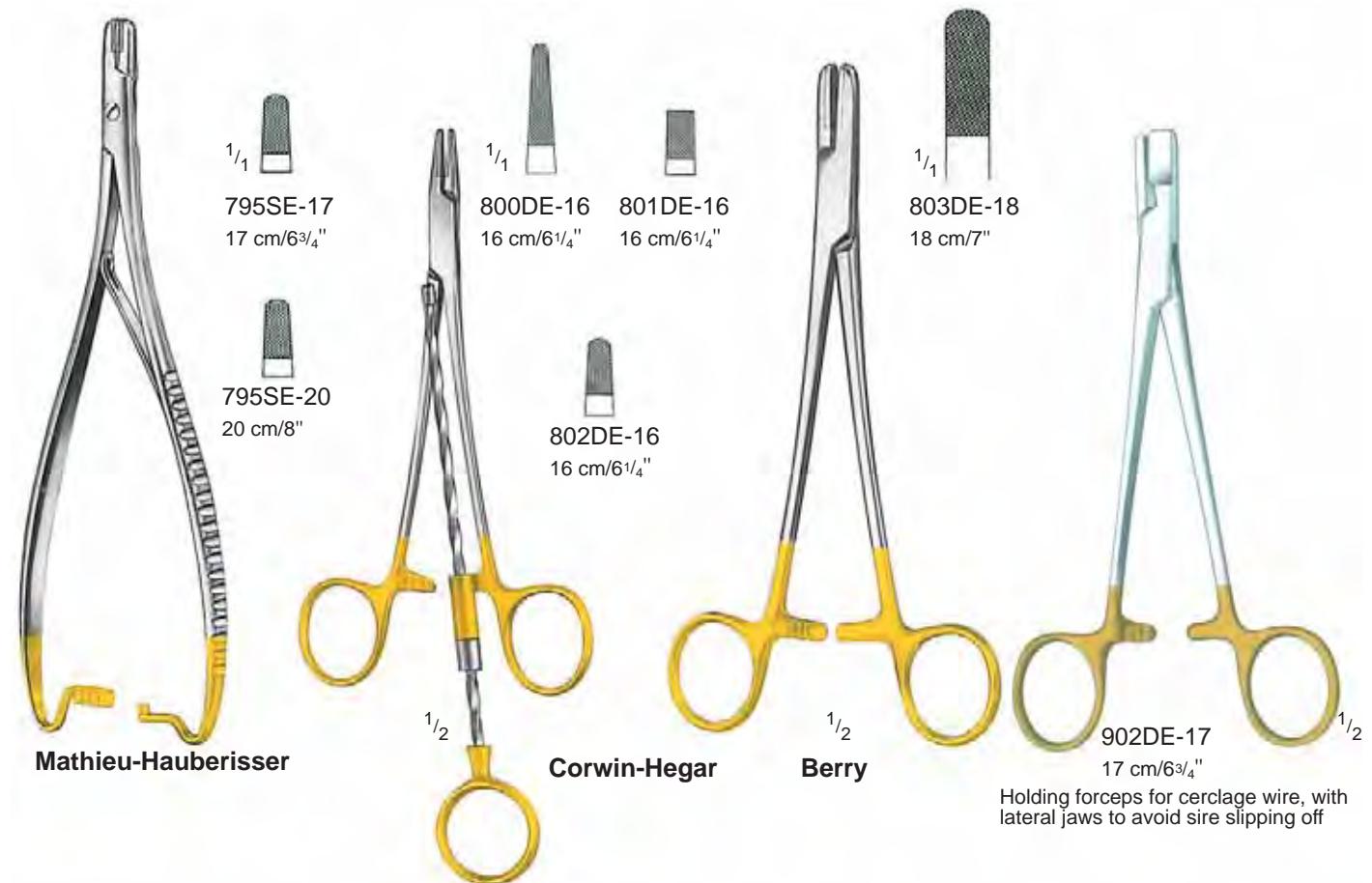
8-820E-24
24 cm/9 1/2"

1/2



سیمگیر - سیمپیچ، انبردست، بینکش
Drahtextraktionszangen, Flachzangen
Drahtspannzangen
Wire Pullers, Flat Pliers, Wire Twisters
Fórceps para extraer alambre, alicates planos, tensores de alambre
Pince à extraction à mors plats
Pincers serre-fil

Typ/Type/Type/Tipo:
Mayo-Hauberisser
Mathieu-Hauberisser
Corwin-Hegar, Berry



سیم‌چین (وایکل)

Seltenschlmineider

Wire Cutters

Fórceps para cortar alambre

Pince coupantes pour fils métalliques



16



Tc wire cutter

8-800E-40 = 38,5 cm/15" 4 mm
8-800E-47 = 45 cm/17 $\frac{3}{4}$ " 5 mm
8-800E-55 = 56 cm/22" 6 mm



wire cutter

16-5306-40 = 38,5 cm/15" 4 mm
16-5306-47 = 45 cm/17 $\frac{3}{4}$ " 5 mm
16-5306-55 = 56 cm/22" 6 mm



نوع اره قطع عضو

Amputation
Amputation
Amputación
Amputation

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

$\frac{1}{4}$

Weiss
37 cm/14 $\frac{1}{2}$ "
16-5420-37



Ersatzblätter
spare saw blades
hojas de repuesto
lames de recharge
18 cm/ 7"
16-5430-78
20 cm/ 8"
16-5430-80

$\frac{1}{4}$

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

$\frac{1}{4}$

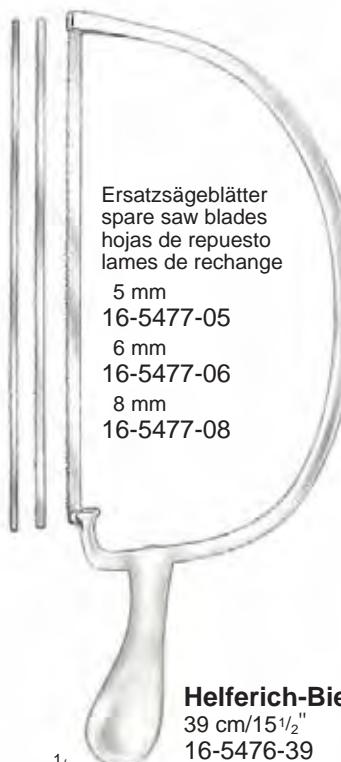
Satterlee
29 cm/11 $\frac{1}{2}$ "
16-5435-29



Ersatzsägeblätter
spare saw blades
hojas de repuesto
lames de recharge
12 mm
16-5451-12
15 mm
16-5451-15
18 mm
16-5451-18

$\frac{1}{4}$

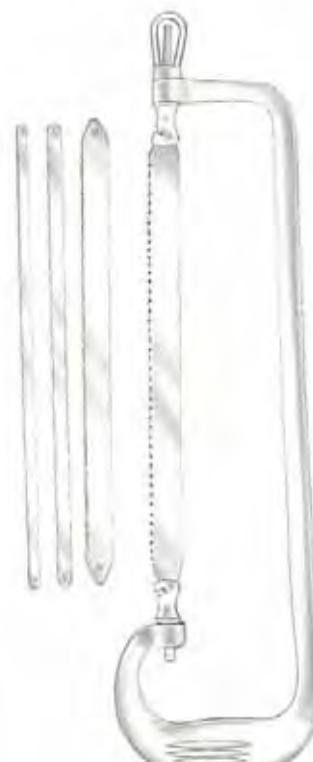
Charrière
35 cm/13 $\frac{3}{4}$ "
16-5450-35



Ersatzsägeblätter
spare saw blades
hojas de repuesto
lames de recharge
5 mm
16-5477-05
6 mm
16-5477-06
8 mm
16-5477-08

$\frac{1}{4}$

Helferich-Bier
39 cm/15 $\frac{1}{2}$ "
16-5476-39



Ersatzsägeblätter
spare saw blades
hojas de repuesto
lames de recharge
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 2 Sägeblättern, 12 mm und 18 mm breit
with 2 saw blades, 12 m 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

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

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

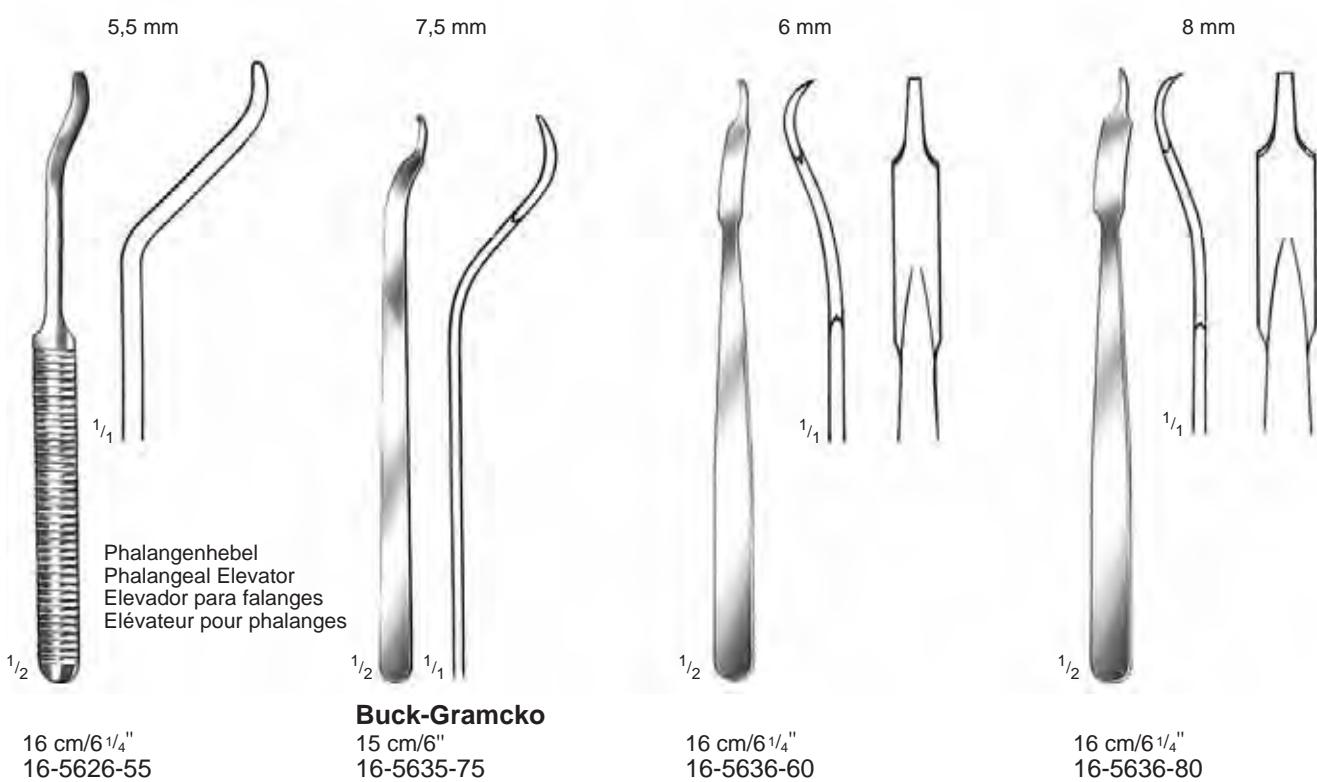
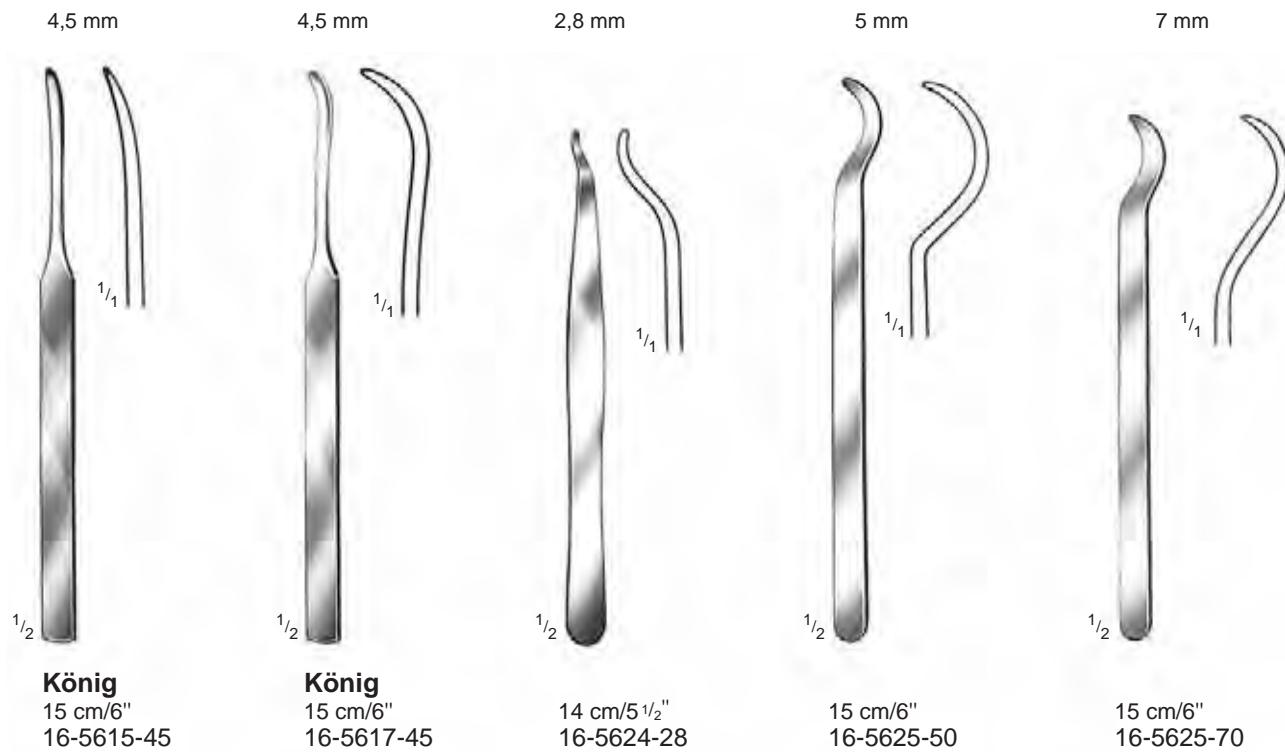
جراحی ارتوپدی و استخوان

Knochenchirurgie Orthopädie
Bone Surgery Orthopedics
Cirugía ósea Ortopedia
Chirurgie osseuse Orthopédie



16

Knochenhebel
 Bone Levers
 Elevadores para huesos
 Leviers à os



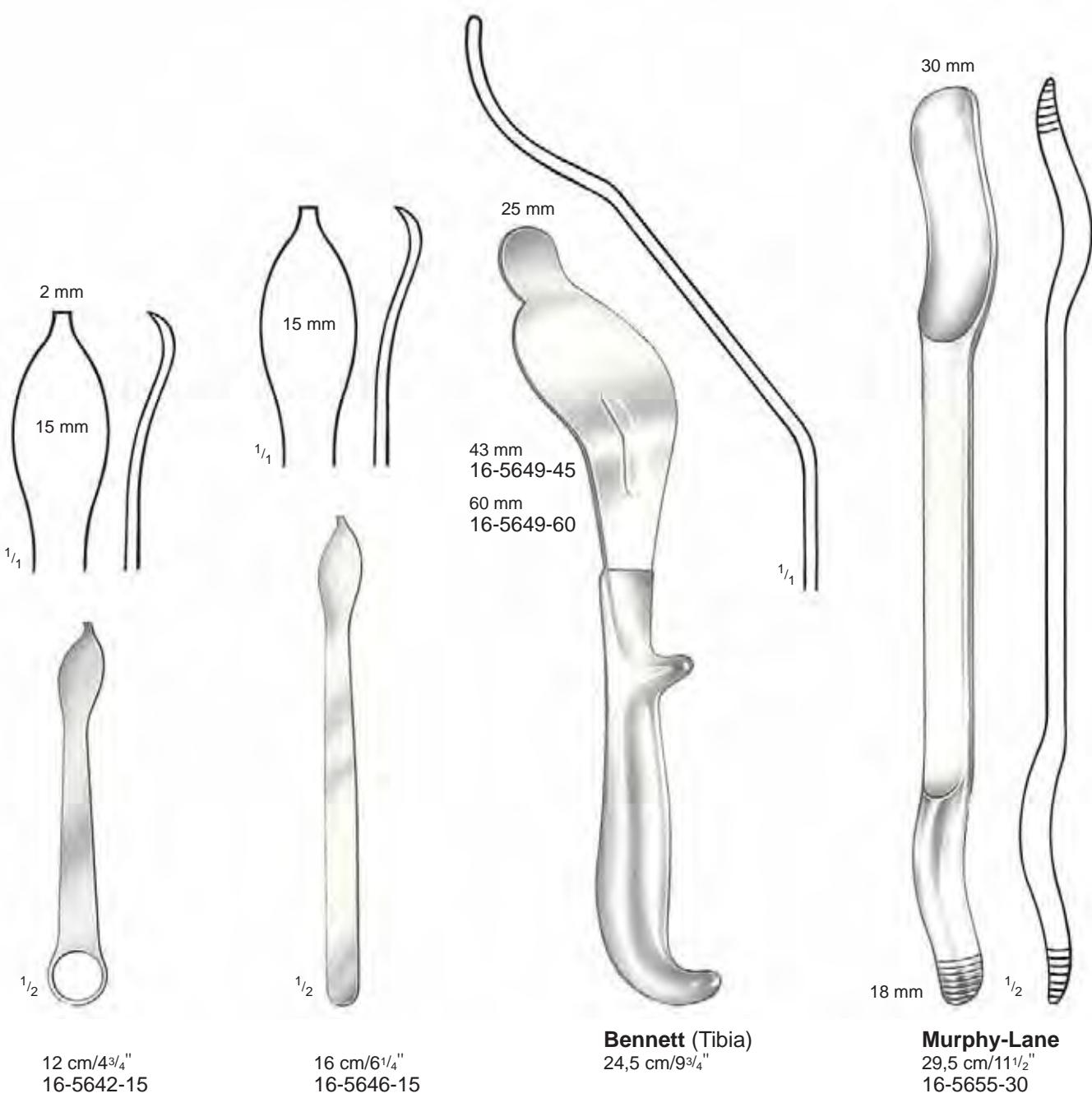


جراحى ارتوپدى و استخوان

Knochenchirurgie Orthopädie
Bone Surgery Orthopedics
Cirugía ósea Ortopedia
Chirurgie osseuse Orthopédie

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/8½"
 16-5660-08

Hohmann
 24 cm/9½" /18 mm 16-5660-18
 24 cm/9½" /22 mm 16-5660-22
 24 cm/9½" /34 mm 16-5660-34

Hohmann
 24 cm/9½" /43 mm 16-5660-43

Hohmann
 24 cm/9½" /70 mm 16-5660-70



جراحى ارتوپدى و استخوان

Knochenchirurgie Orthopädie
Bone Surgery Orthopedics
Cirugía ósea Ortopedia
Chirurgie osseuse Orthopédie

اكارتور بنت
Knochenhebel
Bone Levers
Elevadores para huesos
Leviers à os

43 mm

22 mm

33 mm

24 mm

22 mm



Hohmann
24,5 cm/9^{3/4}"
16-5661-43

Hohmann
26 cm/10^{1/4}"
16-5662-22

Hohmann
28 cm/11"
16-5662-33

27,5 cm/10^{3/4}"
16-5664-24

Longe-Hohmann
26 cm/10^{1/4}"
16-5665-22

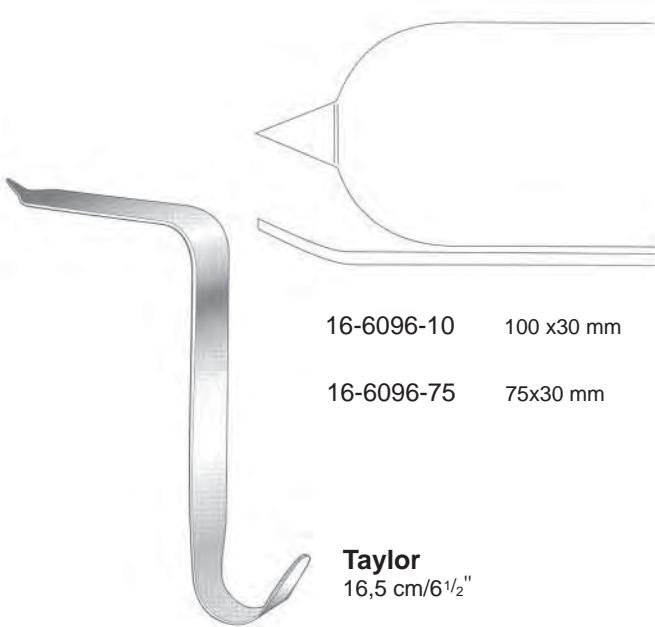
Kniehaken, Spinalhaken
 Knee Retractors, Spinal Retractors
 Separadores para rodilla, Separadores espinales
 Ecarteurs pour le genou, Ecarteurs spinaux



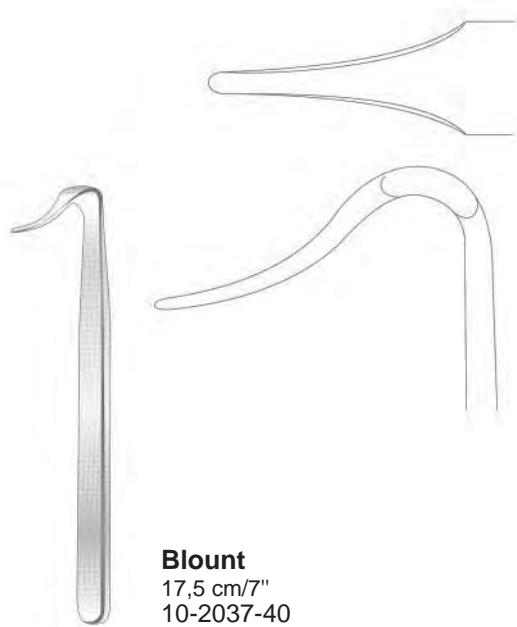
Blount
 26,5 cm/10 1/2"
 16-6090-27



Blount
 26,5 cm/10 1/2"
 16-6091-27



16-6096-10 100 x30 mm
 16-6096-75 75x30 mm



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



جراحی ارتوپدی و استخوان

Knochenchirurgie,
Bone Surgery,
Cirugía ósea,
Chirurgie osseuse,

Orthopädie
Orthopedics
Ortopedia
Orthopédie

تی هندل ارتوپدی (دسته پتر)



Set of 16-6200-18
16-6201-11
16-6211-18

Tape Handle
16-6540-18

3,5 mm 16-6201-11
4,5 mm 16-6202-11

Hexagonal Screwdriver for quick coupling
width across flats 3,5 mm



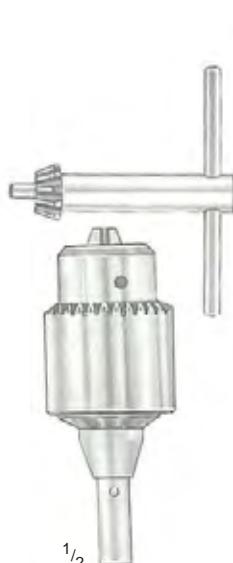
+

Schraubendreher
Screw Driver
Destornillador
Tournevis

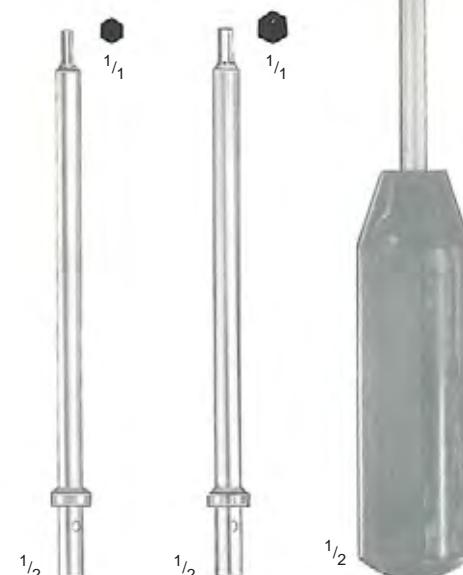
Ferrozell-Griff
Ferrozell Handle
mango de Ferrozell
manche Ferrozell



16-6345-09 16-6345-10



16-6345-13



16-6345-25 16-6345-35

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 key

16-6345-25 - 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



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

	Ø mm
16-7150-35	3.5
16-7150-40	4.0
16-7150-48	4.8



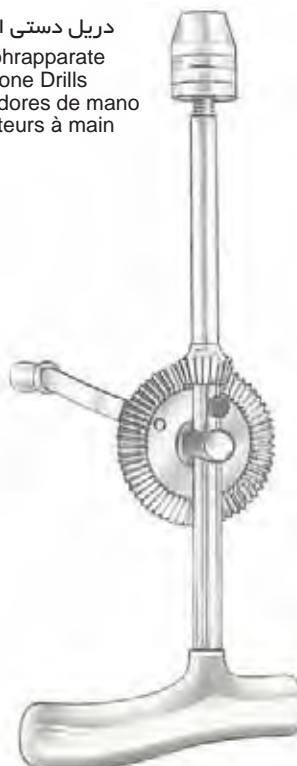
بیچ گوشتی فکی با هولدر
16-7225-72

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



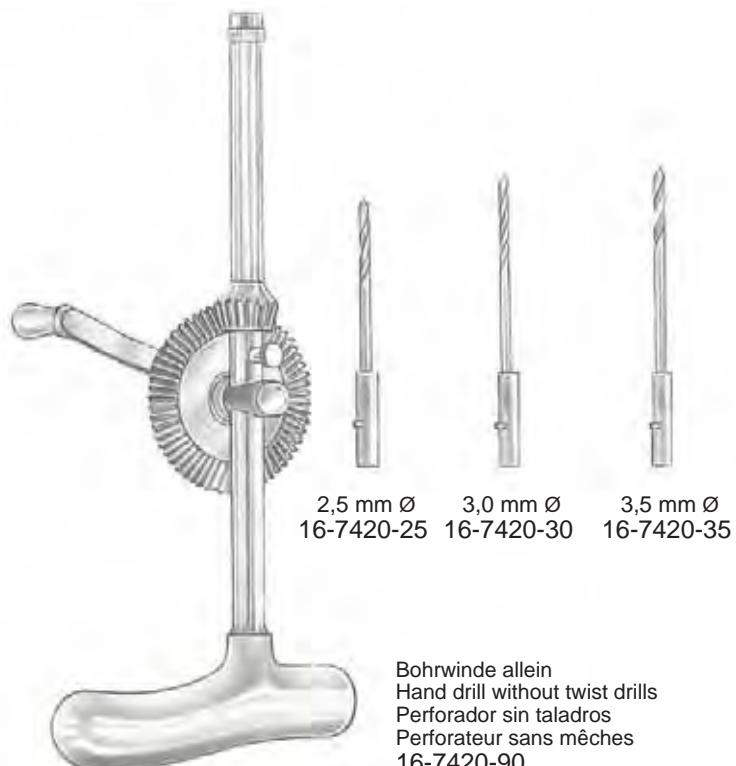
\varnothing mm	3,2	3,2	3,2
cm	9,0	7,5	7,0

Satz
 Set
 Juego
 Jeu

16-7410-30

Bohrwinde allein
 Hand drill without twist drills
 Perforador sin taladros
 Perforateur sans mèches
 16-7410-90

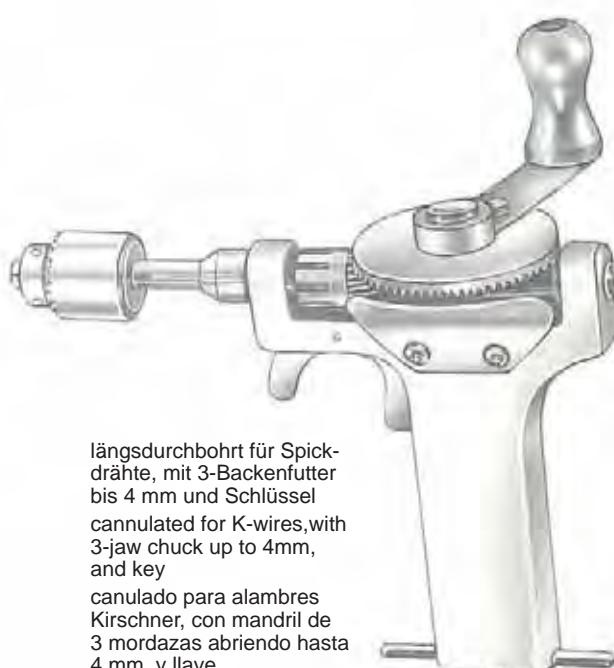
Moore komplet mit Satz/ 3 Spiralbohrern 16-7410-30
 16-7410-00 complete with set/ 3 twist drills 16-7410-30
 perforador con juego/ 3 fresas 16-7410-30
 perforateur avec jeu/ 3 mèches 16-7410-30



2,5 mm \varnothing
 16-7420-25 3,0 mm \varnothing
 16-7420-30 3,5 mm \varnothing
 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 16-7420-25/-35
 24 cm/9½"
 16-7420-00 complete with 3 twist drills 16-7420-25/-35
 perforador con 3 fresas 16-7420-25/-35
 perforateur avec 3 mèches 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 4mm, 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

16-7500-92

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

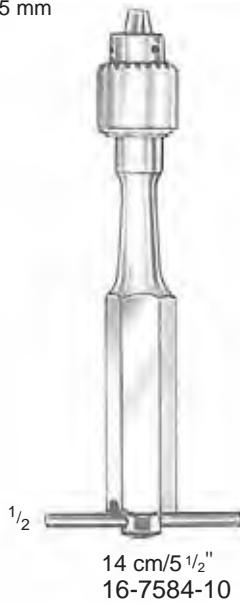
und 3-Backenfutter bis 4,5 mm

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

Reibahlen
Reamers
Escarriadores
Alênes



Perthes

19,5 cm/7³/₄"
16-9002-19

längsdurchbohrt, mit 3-Backenfutter

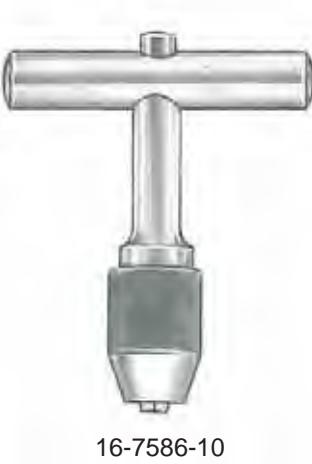
bis 6,35 mm

cannulated with 3-jaw chuck up to

6,35 mm

perforación longitudinal, con llave y
mandril de 3 mordazas abriendo
hasta 6,35 mm

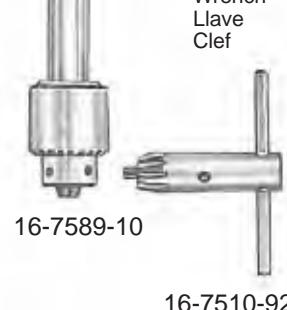
perforation axiale, avec mandrin de
3 mâchoires jusqu'à 6,35 mm



16-7586-10

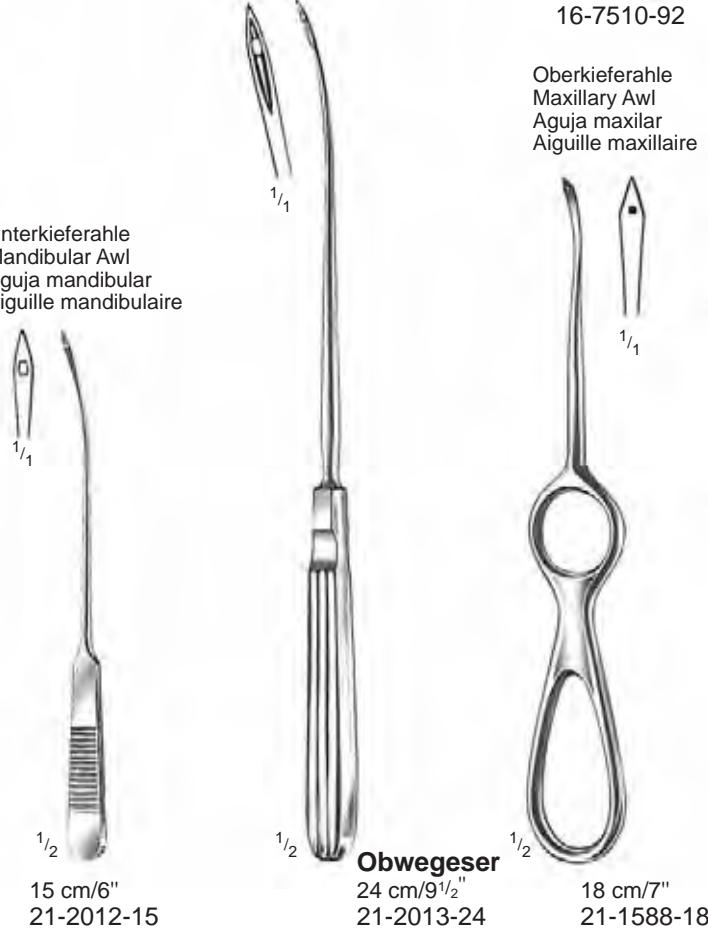
Unterkieferahle
Mandibular Awl
Aguja mandibular
Aiguille mandibulaire

Jochbogenahle
Awl for Zygomatic Arch
Aguja para zigoma
Aiguille zygomatique



Schlüssel
Wrench
Llave
Clef

Oberkieferahle
Maxillary Awl
Aguja maxilar
Aiguille maxillaire





Cerclage Draht	Drahtumführungsneedeln
Bone Wire	Bone Wire Guides
Hilo para huesos	Agujas pasa-hilos
Fil d'acier	Aiguilles passe-fils

^{1/2}

16-9206-30

^{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	Ø mm
soft	0,2 16-9210-02
blando	0,3 16-9210-03
souple	0,4 16-9210-04
Ø mm	0,5 16-9210-05
0,6 16-9210-06	0,6 16-9210-06
0,7 16-9210-07	0,7 16-9210-07
0,8 16-9210-08	0,8 16-9210-08
0,9 16-9210-09	0,9 16-9210-09
1,0 16-9210-10	1,0 16-9210-10
1,2 16-9210-12	1,2 16-9210-12
1,5 16-9210-15	1,5 16-9210-15

جراحی ارتوپدی و استخوان

Knochenchirurgie, Orthopädie
Bone Surgery, Orthopedics
Cirugía ósea, Ortopedia
Chirurgie osseuse, Orthopédie

سرکلائز ارتوپدی (وایرینگ)

Cerclage Wire/Cerclage Wire Instruments



16

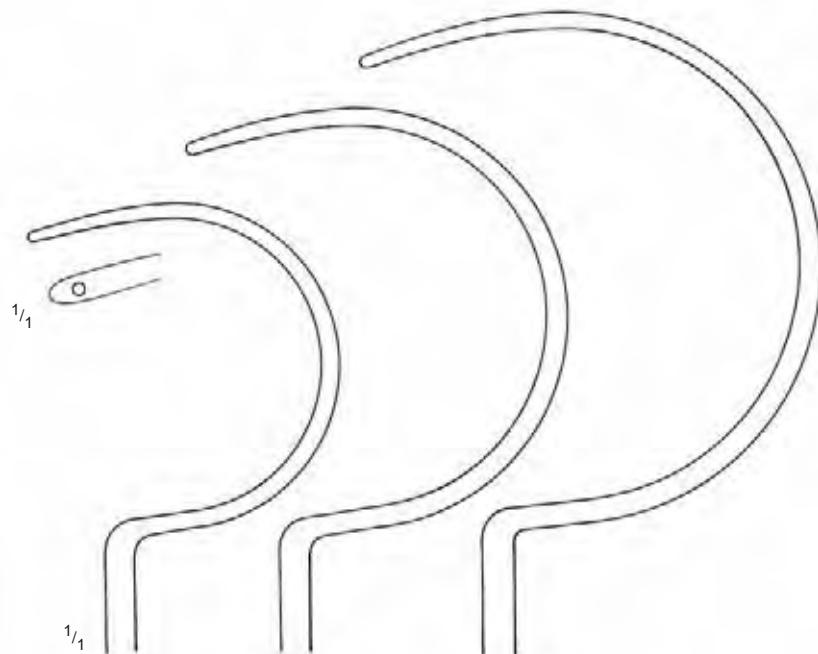


Fig. 1
16-9228-01

Fig. 2
16-9228-02

Fig. 3
16-9228-03



Wire passer



Wire Guide 70 mm
16-9231-70



سرکلائز ارتوپدی (وایرینگ)
Cerclage Wire/Cerclage Wire Instruments



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



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



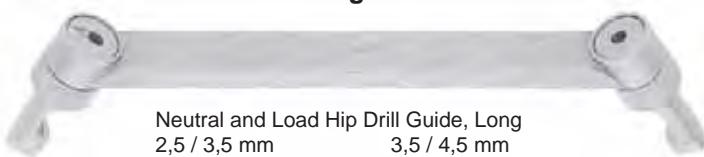
Distal Drill Sleeve Ø 8.0 mm
16-9613-80

Instruments for Angled Blade Plates



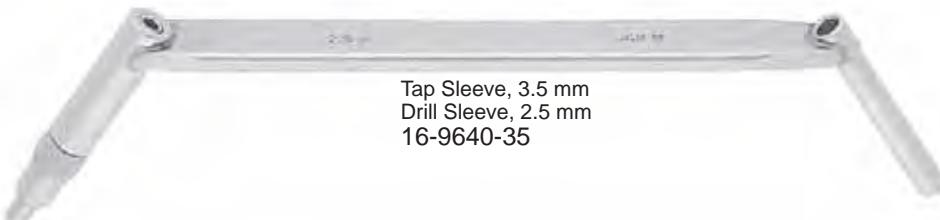
دریل گاید پکطرفه
Drill Guide round hole plates, long
16-9615-82

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



جراحی ارتوپدی و استخوان

Knochenchirurgie	Orthopädie
Bone Surgery	Orthopedics
Cirugía ósea	Ortopedia
Chirurgie osseuse	Orthopédie

For Mini Screws Ø1,5 and Ø 2,0 mm
Tip Ø1,1mm

16-9640-15

For Small Screws Ø 2,7 , 3,2 mm
and 4,0 mm Ø Tip 2,0mm

16-9640-27

For Malleolar Screws Tip Ø 3,2 mm

16-9640-35

Malleolar Countersink

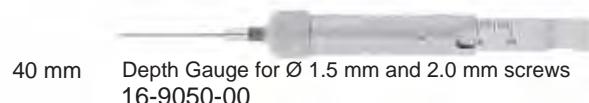
Countersink, Ø 4,5 mm tip
16-9642-45

16-9645-32

Instrument for Ø 3,5 mm Cannulated Screws

Sharp Hook for checking of fracture ends and for removing in grown tissue in screw heads
16-9701-35

Basic Instruments for Screws and Plates



(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

	siehe Seite see page véase página voir page
Zwischenknchenmesser, 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	
Knochenscheren Bone Shears Cizallas para huesos Cisailles pour os	
Hämmer Hammers Martillos y mazos Maillets et marteaux	
Osteotome, Flachmeissel, Hohlmeissel Osteotomes, Chisels, Gouges Osteótomas, 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, Elevatoren, Dissektoren Raspatories, Elevators, Dissectors Periostótomas, elevadores, disecadores Rugines, décolleurs, elevateurs, dissecteus	
Knochensplitterzangen, Hohlmeisselzangen Bone Cutting Forceps, Bone Cutting Rongeurs Pinzas cortantes para huesos, pinzas gubias Pinces coupantes, pinces-gouges	
Sternum-Schere, Rippenscheren Sternum Shears, Rib Shears Tijera de esternón, costótomas Cisaille à sternum, costotomes	
Meniskus-und Knorpelzangen Meniscus and Cartilage Forceps Pinzas para meniscos y cartílagos Pinces à ménisque et à cartilages	
Knochenhaltezangen, Sequesterzangen, Knochenhalteklemmen Bone Holding and Sequestrum Forceps, Bone Clamps Pinzas para sequestro y para huesos, pinzas porta huesos Pinces à sequestre, daviers	
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 Pinces coupantes pour fils métalliques, pinces 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 Tijeras para uñas Ciseaux à ongles	Nagelzange Nail Nipper Pinza cortauñas Pince à ongles	Nagelpaltscheren 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			
Sehneneinflechtklemmen 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			

17



ابزار گچ ارتوپدی
Verband und Gips
Dressing, Plaster
Vendajes
Pansements



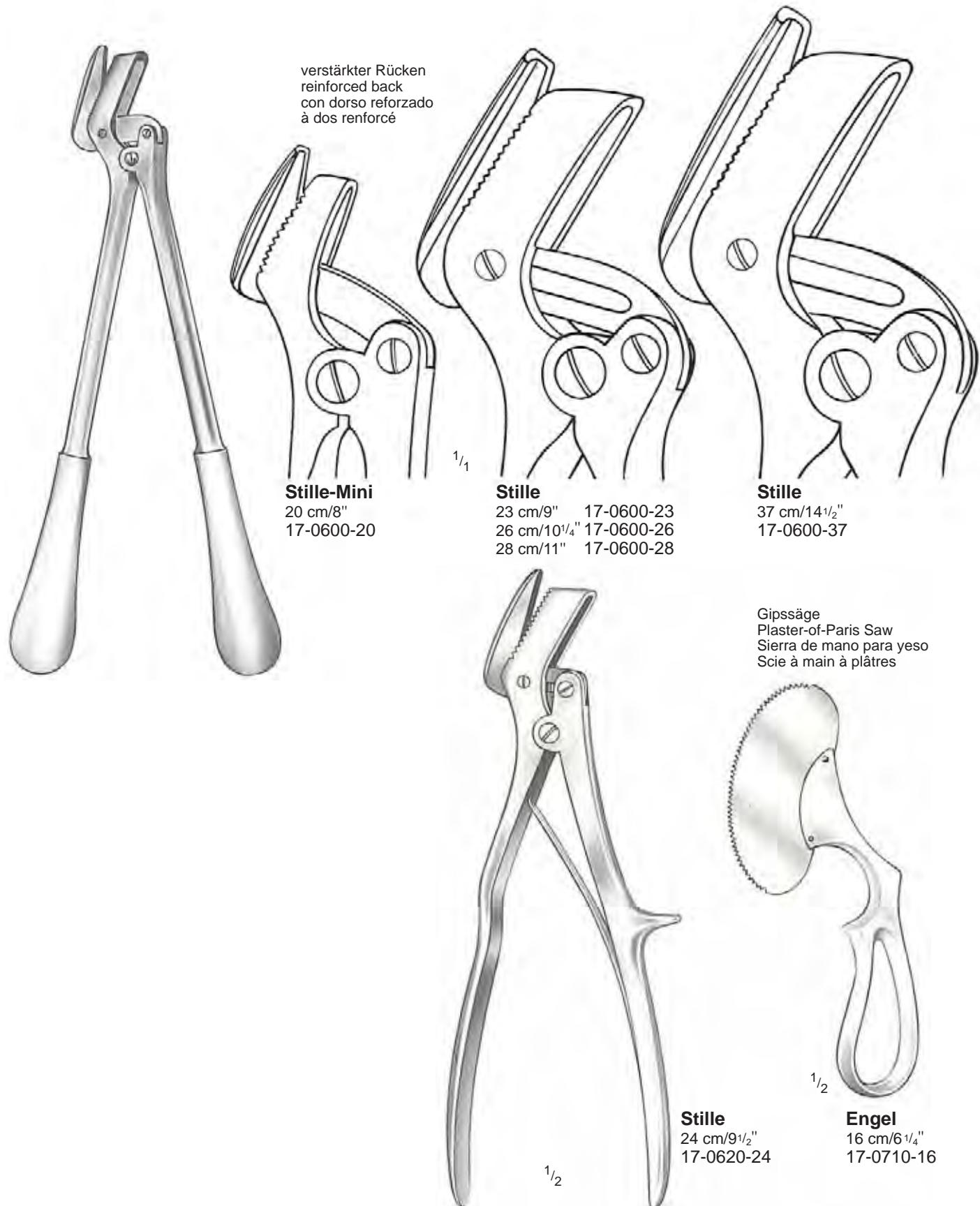
اره گچ بر دستی - قیچی گچ بر

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



قىچى گچ بىر- قىچى پارچە بىر

Kleider- und Gipsscheren

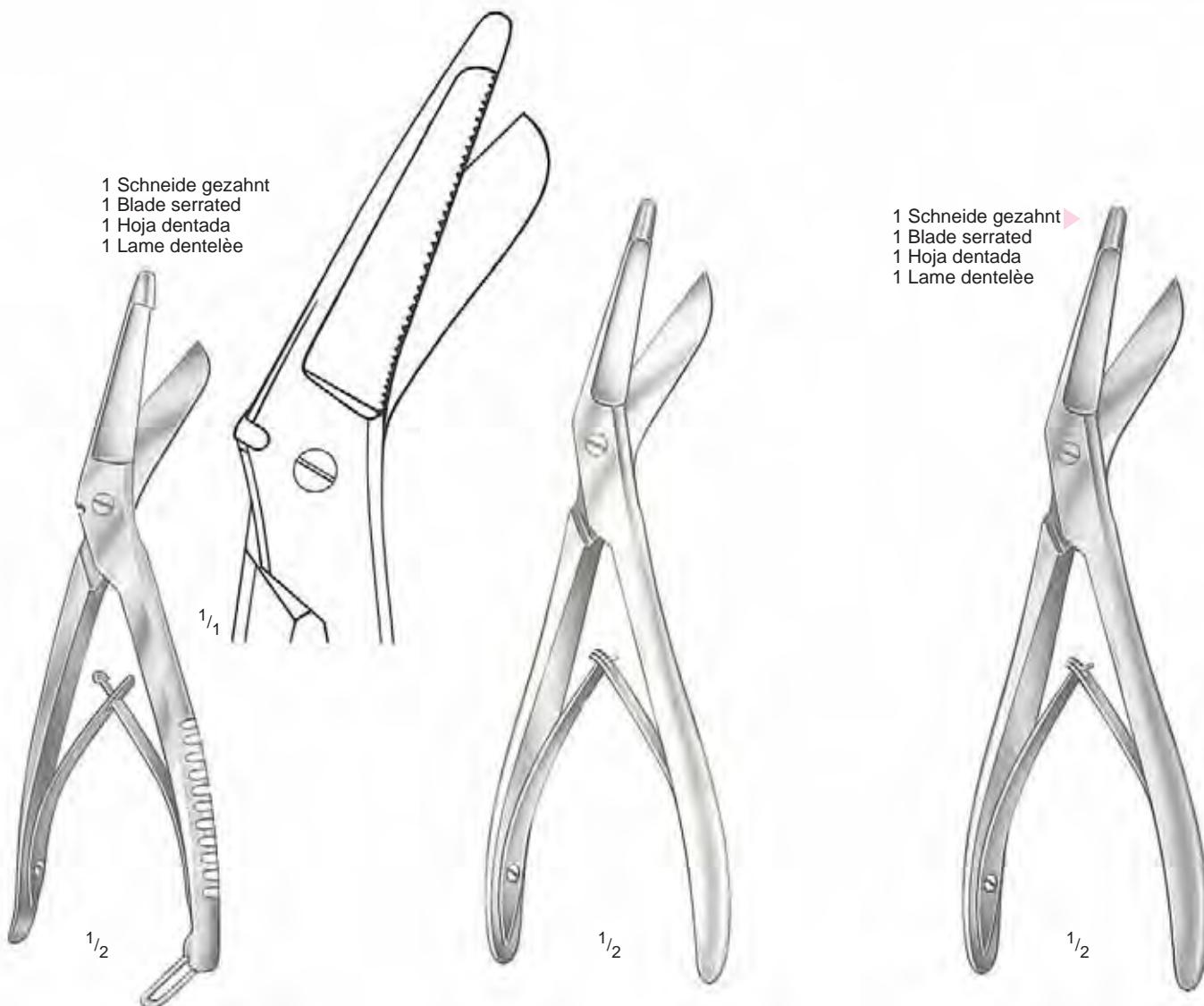
Clothing Scissors, Plaster-of-Paris Shears

Tijeras para vestidos, Cizallas para vendajes enyesados

Cisailles pour pansements et appareils plâtrés



17



20 cm/8"
02-5373-20

Seutin
23 cm/9"
02-5375-23

Seutin
23 cm/9"
02-5377-23



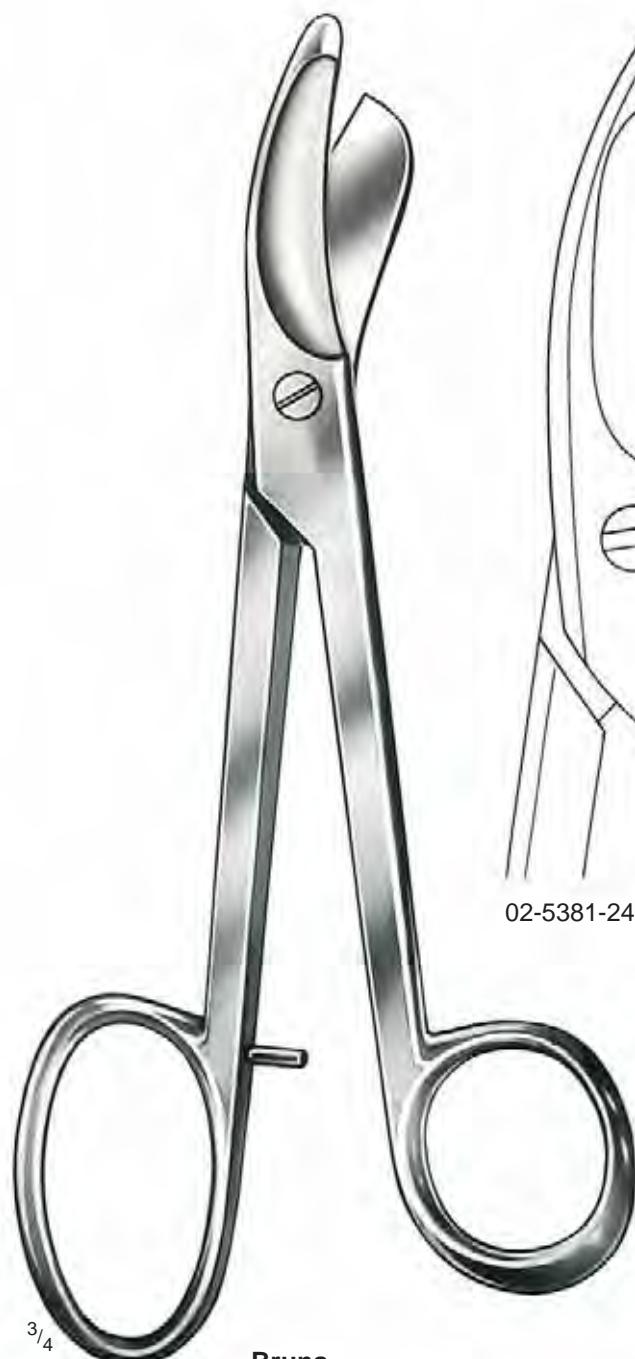
قىچى كېجىز

Gipsscheren

Plaster-of-Paris Shears

Cizallas para vendajes enyesados

Cisailles pour appareils plâtrés



Brunns
24 cm/9 1/2"

02-5381-24

glatt
smooth
lisas
lisses

02-5381-24

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

02-5383-24

1/1

02-5383-24

ابزار گچ ارتوپدی

Gipsspreizer, Gipsabreißzangen

Plaster Cast Instruments

Instrumentos para vendajes enyesados

Pince pour les appareils plâtrés



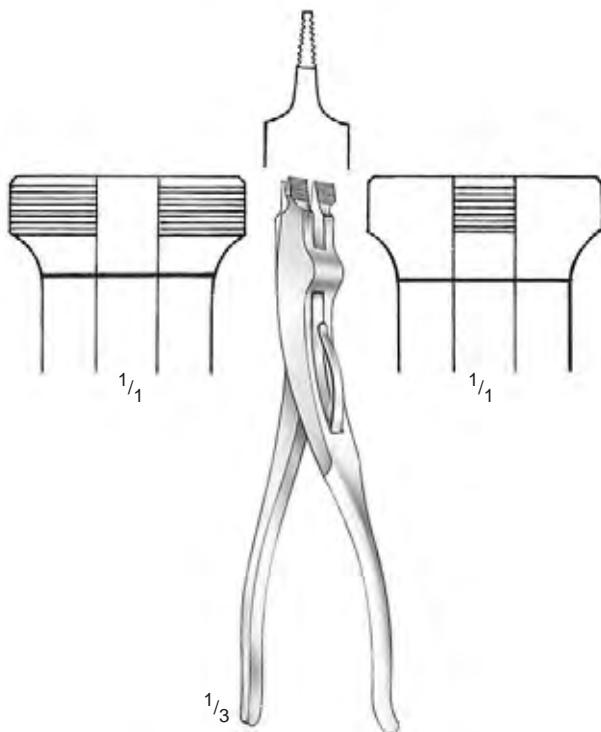
17



Haglund-Stille
28 cm/11"
17-0920-28

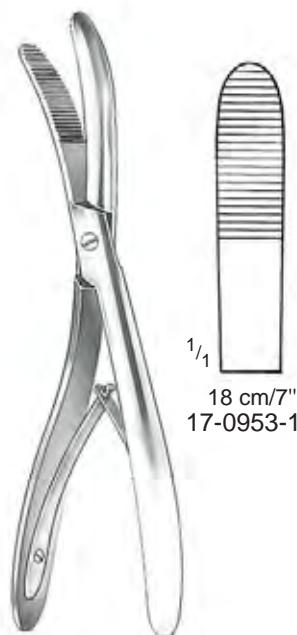


Hennig
28 cm/11"
17-0924-28



Mod. USA
23 cm/9"
17-0930-23

Gipsabreißzangen
Plaster Breakers
Pinzas para romper los vendajes enyesados
Pince à arracher les plâtres



18 cm/7"
17-0953-18



24 cm/9 1/2"
16-0953-24

Wolff

19



ابزار معاينه و اندازه‌گيري

Diagnostik
Diagnostics
Diagnostico
Diagnostic

Univer - Made in IRAN



ابزار معاینه
Diagnostik
Diagnostics
Diagnóstico
Diagnostic

Perkussionshämmer, Reflexhämmer
 Percussion and Reflex Hammers
 Martillos de percusión y para reflejos
 Marteaux-percuteurs et à réflexes

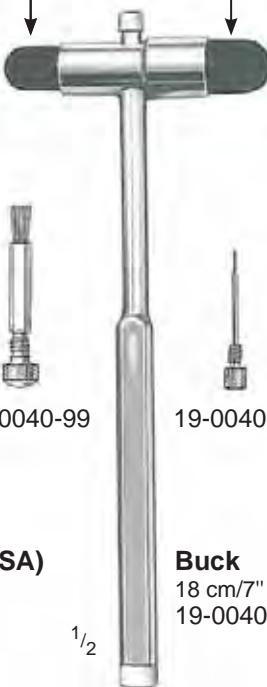


19-0050-97



Taylor (Mod. USA)
 20 cm/8"
 19-0030-20

19-0040-96



19-0040-97

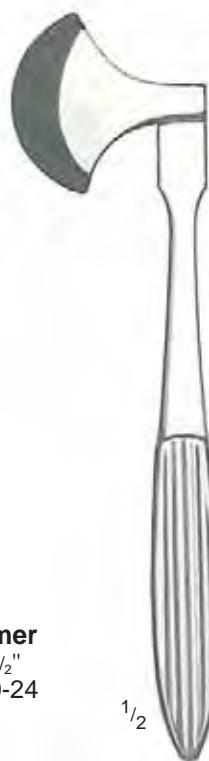
Buck
 18 cm/7"
 19-0040-18

19-0040-99

19-0040-98



Troemmer
 24 cm/9 1/2"
 19-0050-24



Berliner
 20 cm/8"
 19-0070-20



Dejerine
 20 cm/8"
 19-0060-20



Dejerine
 21 cm/8 1/4"
 19-0062-21

19-0062-98



Babinski
 22 cm/8 3/4"
 19-0082-22

1/2

Sensibilitäts-Instrumente

Sensitivity Instruments

Instrumentos para examinar la sensibilidad

Instruments pour mesurer la sensibilité

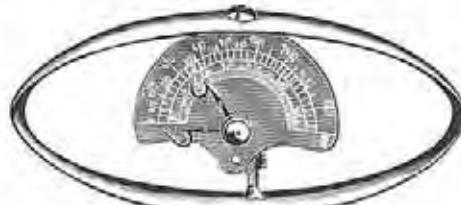
Nervräddchen
 Neurological Pinwheel
 Instrumento para examen
 neurológico
 Roue neurologique



Aly
 17 cm/6 3/4"
 19-1010-17

Wartenberg
 19 cm/7 1/2"
 19-1020-18

Dynamometer
 Dynamometer
 Dinamómetro
 Dynamomètre

**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

Winkelmesser
 Goniometer
 Goniómetro
 Goniomètre



Möltgen
 24 cm/9 1/2"
 19-1364-00

Meß- und Markierungszirkel • Scleral Markers and Calipers
 Compáses 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

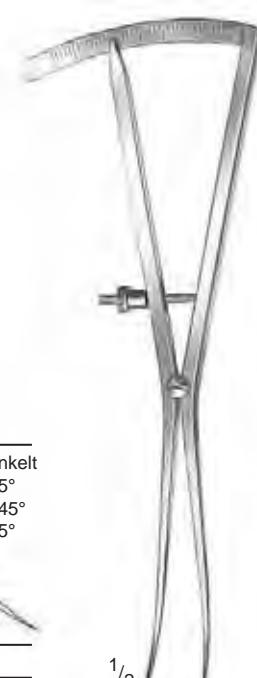
gebogen
 curved
 curvas
 courbes

gerade
 straight
 rectas
 droits

gebogen
 curved
 curvas
 courbes

45° abgewinkelt
 angled at 45°
 acodada a 45°
 coudeée 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



ابزار معاینه

Diagnostik
Diagnostics
Diagnóstico
Diagnostic



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

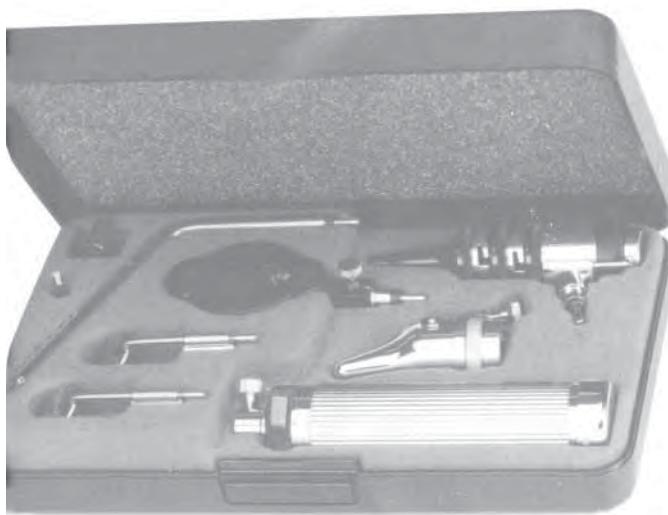
Trousse otoscope avec 3 spéculums auriculaires, mache à pile moyenne, fermeture à vis, en étui plastique



Uni II
19-1631-86

Diagnostikbestecke
Diagnostic Sets
Juegos para diagnóstico
Nécessaires à diagnostic

May-Ophthalmoskop mit Batteriegriff und Steckverschluß, in Plastic-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

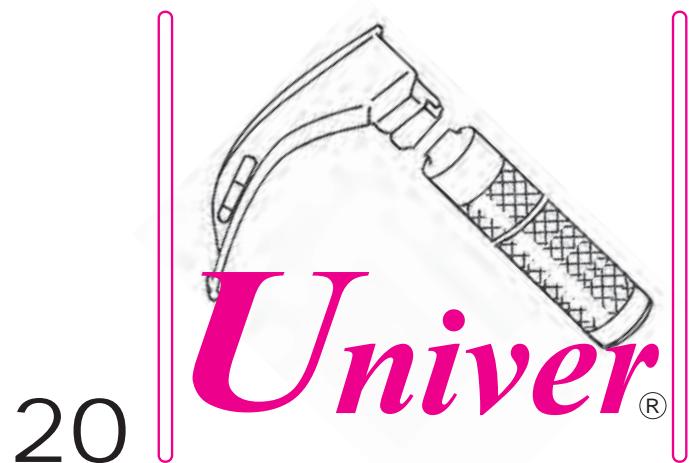


Uni
19-1834-00

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

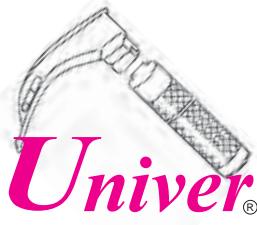
Ophthalmoskop- und HNO-Besteck,
bestehend aus:
Otoskop mit 3 Trichtern, Nasenspekulum, Lampenträger, 2 Kehlkopf-Spiegeln, Spatelhalter, May-Ophthalmoskop, mittlerem Batterie-Griff, 1 Ersatzlampe, in Kunststoff-Etui
Ophthalmoscope and ENT-set, consisting of:
Otoscope with 3 specula, nasal speculum, bentarm 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, especulo nasal, mango curvado con su foquito, 2 espejos laringeos, porta abaja-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, spéulum nasal, porte lampe, 2 miroirs laryngiens, porte abaisse-langue, ophthalmoscope May, manche à pile moyenne, 1 ampoule de rechange, en étui plastique



بیهوش

Narkose - Mund und zunge
Anaesthesia - Oral Instruments
Anestesia - Boca lengua
Anesthésie - Bouche et langue

Univer - Made in IRAN

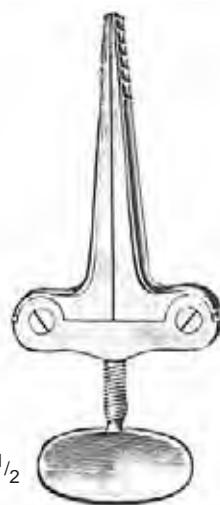


بیووشی
Narkose
Anaesthesia
Anestesía
Anesthésie

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



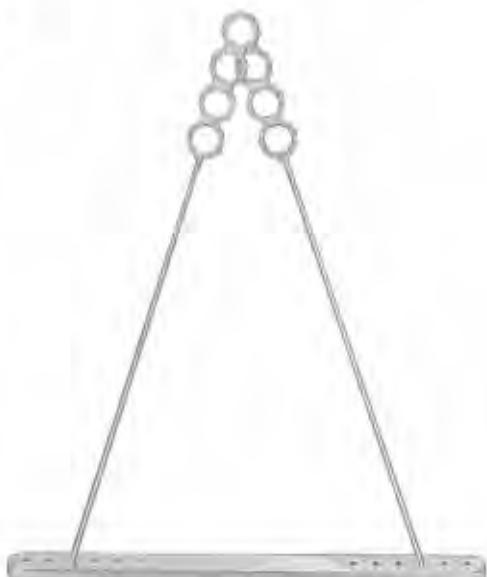
$\frac{1}{2}$
Roser- König
16 cm/6 $\frac{1}{4}$ "
20-5110-16



Negus
20-5120-20



Jackson
20-5124-30



20-5130-04
DRAFFIN Suspension Apparatus Bipod, for use with
tongue blades and mouth gags

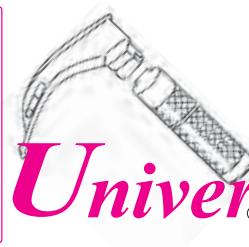
consisting of:
2 x 20-5138-00 Rods, with 4 rings
1 x 20-5139-01 Base Plate

بیوهشی

Narkose
Anaesthesia
Anestesía
Anesthésie

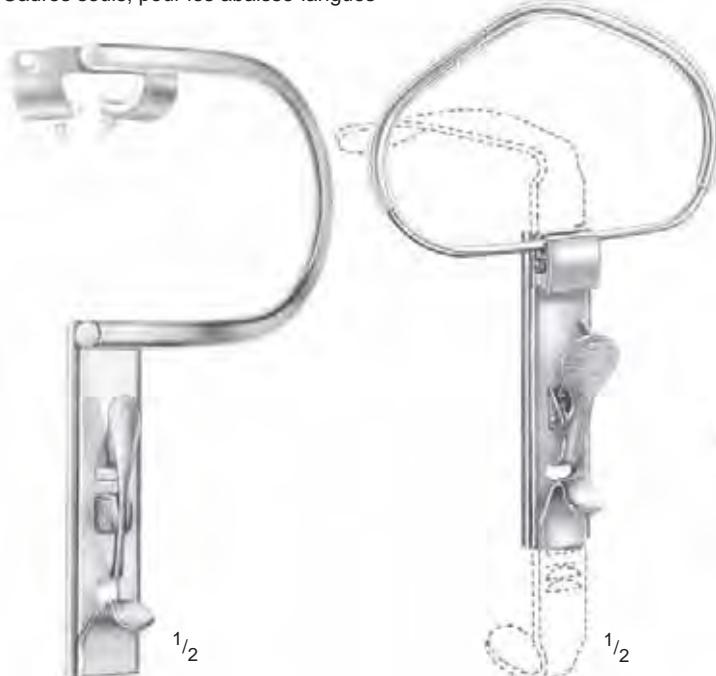
دهان بازکن

Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches



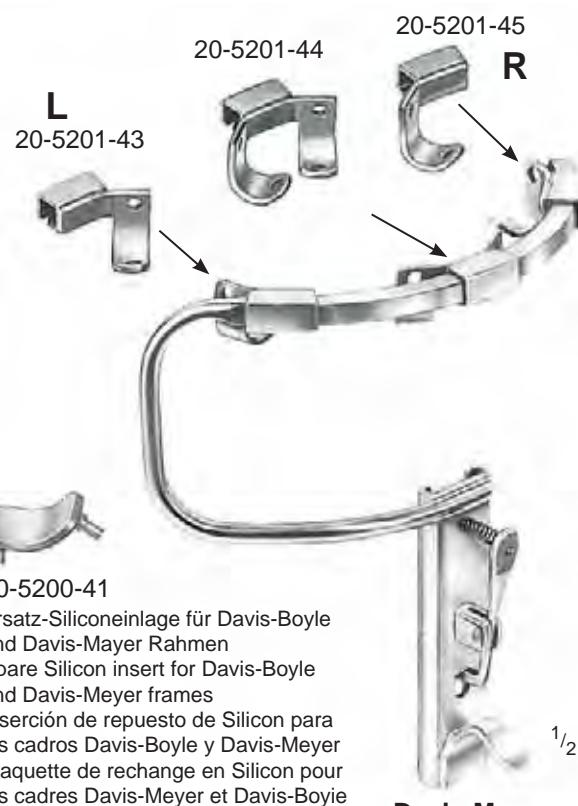
20

Rahmen allein, für alle Zungendrücke
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

20-5200-41
Ersatz-Siliconeinlage für Davis-Boyle und Davis-Mayer Rahmen
Spare Silicon insert for Davis-Boyle and Davis-Meyer frames
Inserción de repuesto de Silicon para los cadros Davis-Boyle y Davis-Meyer
Plaquette de rechange en Silicon pour les cadres Davis-Meyer et Davis-Boyle



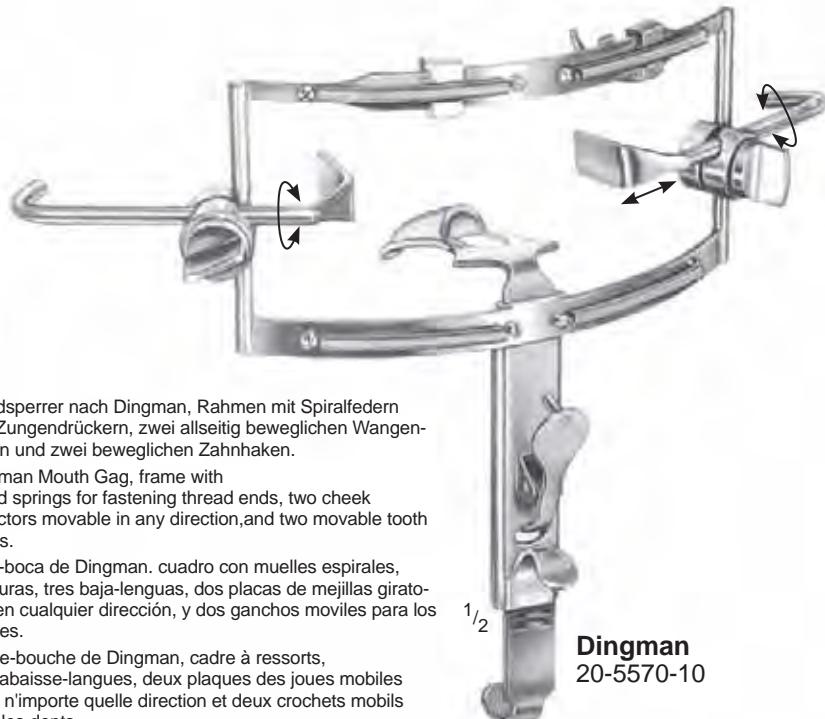
Kilner-Doughty
20-5202-10

Mundsperrer nach Dingman, Rahmen mit Spiralfedern
drei Zungendrückern, zwei allseitig beweglichen Wangen-
haken und zwei beweglichen Zahnhaken.

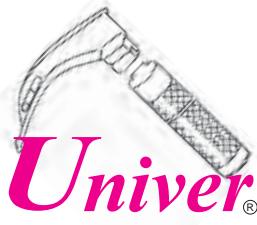
Dingman Mouth Gag, frame with
coiled springs for fastening thread ends, two cheek
retractors movable in any direction, and two movable tooth
hooks.

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.



Dingman
20-5570-10



بیوهوشی
Narkose
Anaesthesia
Anestesía
Anesthésie

دهان بازکن
Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches

Zungendrücker 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



25 x 95 mm
20-5210-04



24 x 80 mm
20-5210-03

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 abaja-enguas no. 1 hasta 5
complet, se composant de cadre et cinq abaisse-langue no. 1 jusqu'à 5



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 Zahnlöse
Palatal support for toothless
Soporte de paladar para desdentados
Support du palais pour édentés
20-5201-49

20-5240-00 ▶ komplett mit Rahemen, 3 Zungenspateln, 2 zahnplatten und 1 gaumenplatte
complete, consisting of frame and 3 tongue depressors, two tooth plates and 1 palate plate
completo con basidor, 3 baka;emguas, 2 plaquitas de dientes y 1 plaquita paladia
complet avec cadre, 3 abaosse-langue v, 2 plaques pour dents et 1 plaque palatine



gefentertes 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

بیووشی

Narkose
Anaesthesia
Anestesía
Anesthésie

دهان بازکن

Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches



20

Zungendrücker 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 Rahemen, 3 Zungenspateln,
complete, consisting of frame and 3 tongue depressors,
completo con basidor, 3 baka;emguas,
complet avec cadre, 3 abaisse-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

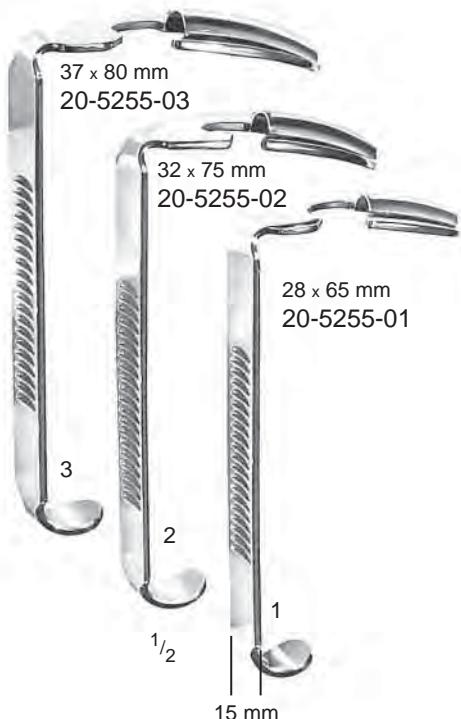


32 x 80 mm
13,5 cm/5 1/4"
20-5240-01



بیوهوشه
Narkose
Anaesthesia
Anestesía
Anesthésie

دهان بازکن
Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches



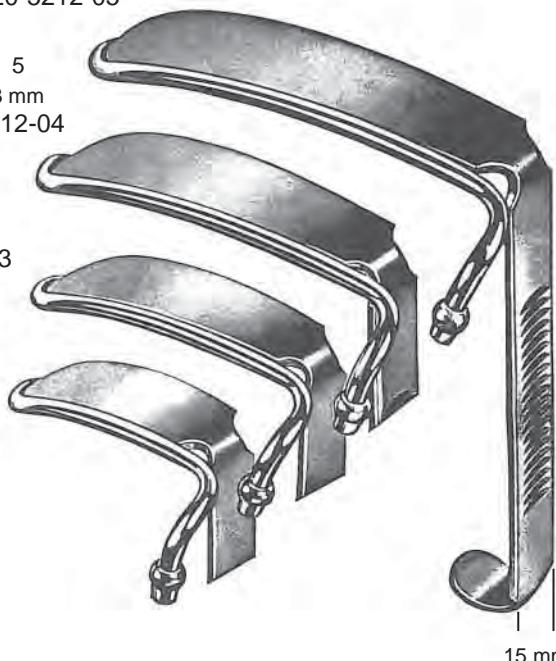
26 x 108 mm
20-5212-05

5
25 x 93 mm
20-5212-04

4
24 x 80 mm
20-5212-03

3
23 x 65 mm
20-5212-02

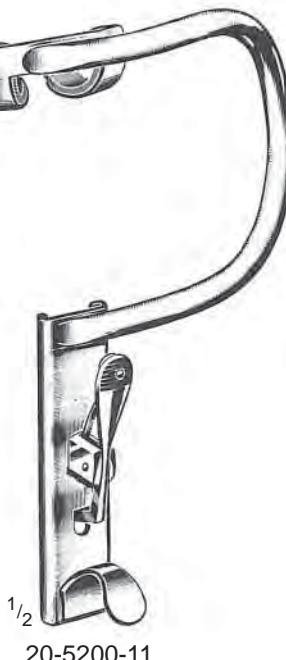
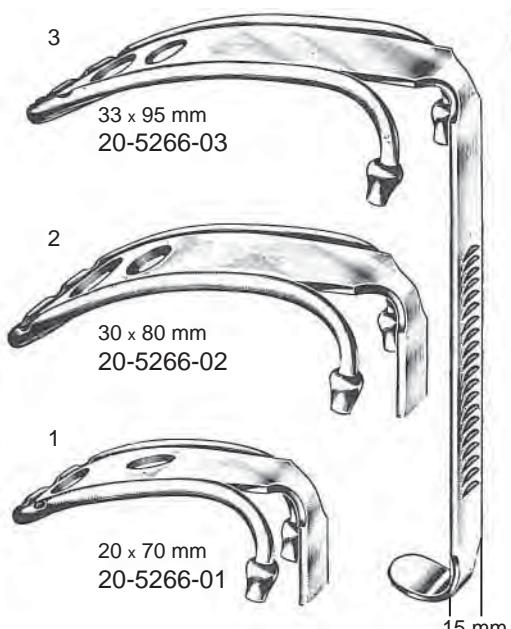
2



Gast

Zungendrücker allein, passend auf alle Rahmen
Tongue Depressors only, fitting all frames
Abaja-lenguas sueltas para todos cuadros
Abaisse-langues seuls, pour tous les cadres

1



Negus

set cpl.
20-5266-00

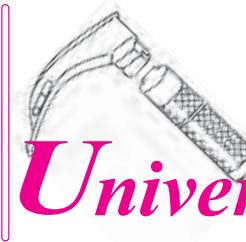
Davis-Meyer

بیوهشی

Narkose
Anaesthesia
Anestesía
Anesthésie

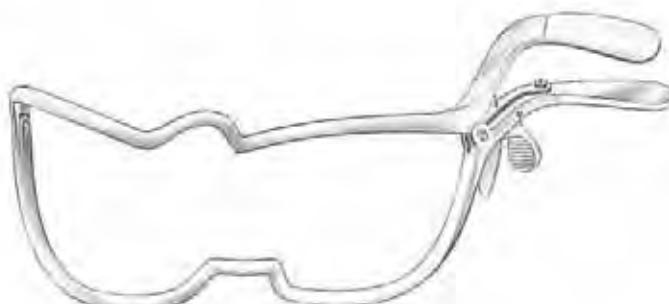
دهان بازکن

Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches



20

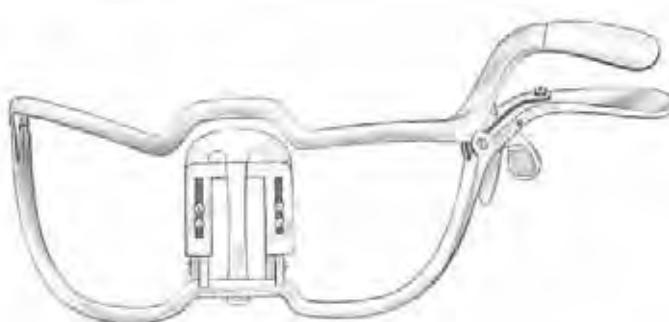
Maßangaben = Nutzweite
Dimensions = effective width
Dimensions = anchoútil
Dimensions = écartement utile



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"

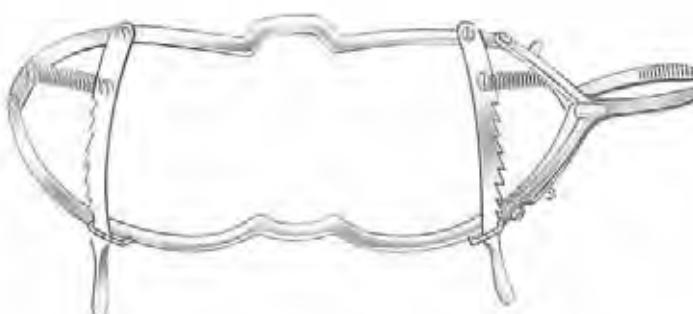
ohne Zungendrücker
without tongue depressor
sin abaja-lengua
sans abaisse-langue



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"

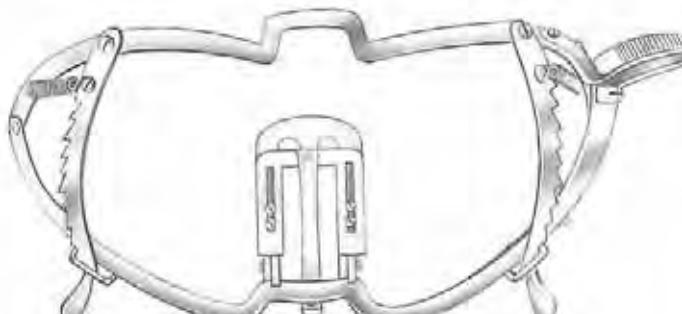
mit Zungendrücker
with tongue depressor
con abaja-lengua
avec abaisse-langue



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"

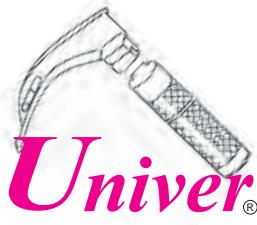
ohne Zungendrücker
without tongue depressor
sin abaja-lengua
sans abaisse-langue



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 Zungendrücker
with tongue depressor
con abaja-lengua
avec abaisse-langue



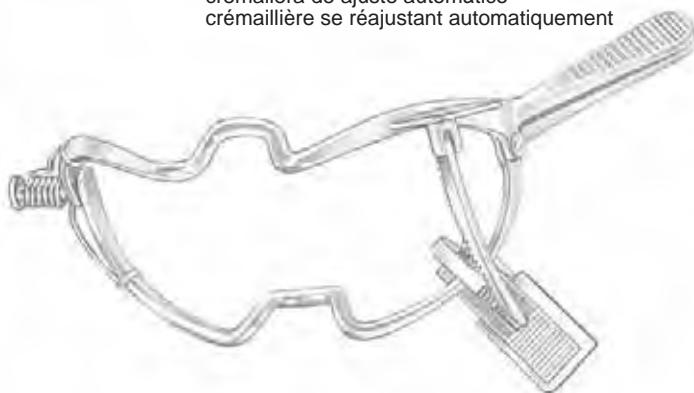
بیوهوشهی

Narkose
Anaesthesia
Anestesía
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"

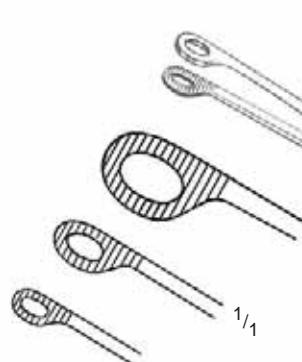
ohne Zungendrücker
 without tongue depressor
 sin abaja-lengua
 sans abaisse-langue



Seemann-Seiffert

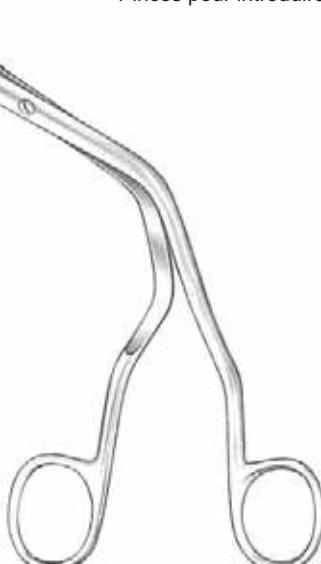
20-5540-09 9 cm/3 1/2"
 20-5540-11 11 cm/4 1/4"
 20-5540-13 13 cm/5"

ohne Zungendrücker
 without tongue depressor
 sin abaja-lengua
 sans abaisse-langue



پنس لوله گذاری مگیل

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



06-9975-15
 15,5 cm/6"
 für Kleinstkinder
 pediatric size
 para pequeños niños
 pour petits-enfants

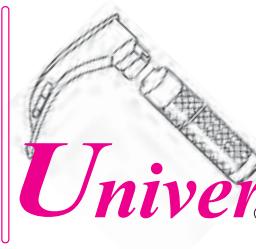
06-9975-20
 20 cm/8"
 für Kinder
 for children
 para niños
 pour enfants

06-9975-25
 25,5 cm/10"
 für Erwachsene
 for adults
 para adultos
 pour adultes

Magill

دهان باز کن - اسپاچولای زبان

Mundsperrer, Zungenspatel, Zungendrücker
Mouth Gags, Tongue Spatulas, Tongue Depressors
Abre-bocas, espátulas bucales, baja-lenguas
Ouvre-bouches, spatules buccales, abaisse-langues



20

Mundsperrer
Mouth Gags
Abrebocas
Ouvre-bouches

Zungenspatel, Zungendrücker
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-cautcho, paquete de 5 pares
Tubes protectrices de recharge,
en couthchouc 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



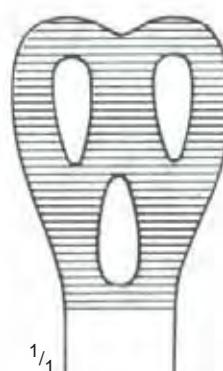
1/2

Hartmann
15 cm/6"
20-5715-15

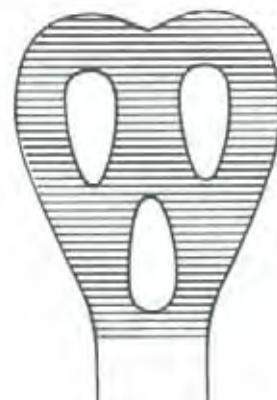


1/2

Wieder
12 cm/4 3/4"



1/1
29 mm
20-5724-29



35 mm
20-5724-35



دهان باز کن - اسپاچولای زبان
Zungendrücker, Zungenspatel
Tongue Depressors, Tongue Spatulas
Bajalenguas, espátulas bucales
Abaisse-langues, spatules buccales



Dutch Pattern
17 cm/6 $\frac{3}{4}$ "
20-5748-17



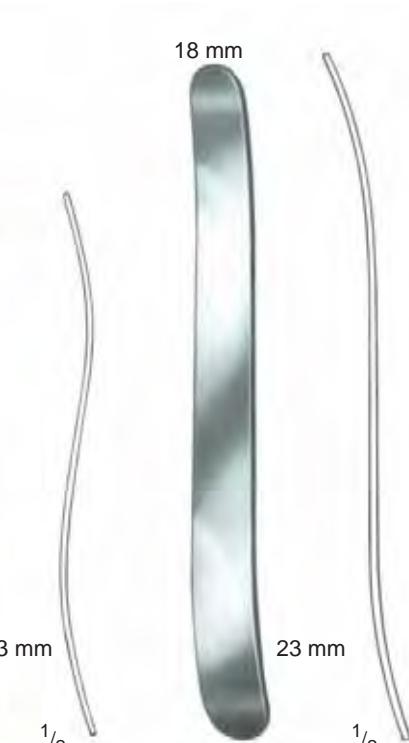
Bruenings
19 cm/7 $\frac{1}{2}$ "
20-5750-19



14,5 cm/5 $\frac{3}{4}$ "
20-5751-14



19 mm



18 mm



23 mm



14 cm/5 $\frac{3}{4}$ "
20-5753-14



16 cm/6 $\frac{1}{4}$ "
20-5755-16



17 cm/6 $\frac{3}{4}$ "
20-5757-17

Mundkeile
Oral Screws
Garrotes
Baillons

20-5810-40
aus Holz
of wood
de madera
en bois

20-5812-40
aus Hartgummi
of hard rubber
de ébonita
en ébonite

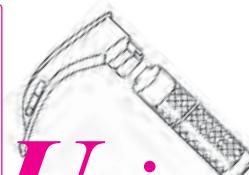


Mauder

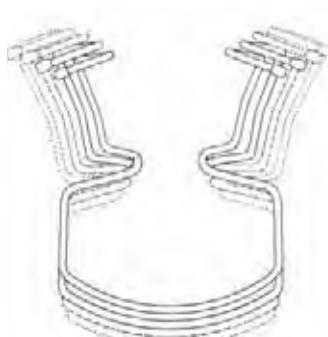
16,5 cm/6 $\frac{1}{2}$ "
20-5765-16

اکارتور لب و گونه

Mundwinkelhalter, Lippenhalter, Zungenhalter
Cheek and Lip Retractors, Tongue Holding Forceps
Separadores para mejillas y labios, pinzas tira-lengua
Ecarteurs des joues et des lèvres, pinces tire-langue



20



Oringer





بیوهوشه
Narkose
Anaesthesia
Anestesia
Anesthésie

ست لارنگوسکوپ
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	
2	110	20-6111-10	
3	130	20-6111-30	
4	150	20-6111-50	



1/3

McIntosh
20-6130-02

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

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
laringoscopio fig. 1 a 3,
completo, en estuche
avec trois spatules à
laryngoscopie fig. 1 à 3
complet, en trousser
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
laringoscopio fig. 1 a 4,
completo, en estuche
avec quatre spatules à
laryngoscopie fig. 1 à 4,
complet, en trousser
con quattro spatole per
laringoscopia fig. 1 fino a 4
completo, in scatola

بیوهشی

Narkose
Anaesthesia
Anestesía
Anesthésie

ست لارنگوسکوپ

Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires



20

Kugelverschluß
Ball Lock
Fijación de bola
Fixation à billes

Fig. 0
für Säuglinge
for babies
para neonatales



Miller

fig	mm	Ref.
0	75	20-6210-75
1	100	20-6211-00
2	155	20-6211-55
3	195	20-6211-95
4	205	20-6212-05



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

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



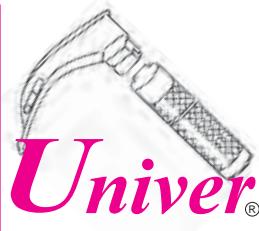
1/3

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
laringoscopio fig. 1 a 3,
completo, en estuche
avec trois spatules à
laryngoscopie fig. 1 à 3
complet, en troussse

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
laringoscopio fig. 1 a 4,
completo, en estuche
avec quatre spatules à
laryngoscopie fig. 1 à 4,
complet, en troussse

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
laringoscopio fig. 0 y 1.
completo, en estuche
avec deux spatules à
laryngoscopie fig. 0 à 1,
complet, en troussse



بیوهشی
Narkose
Anaesthesia
Anestesía
Anesthésie

ست لارنگوسکوپ
Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires

Kugelverschluß
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

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 troussse

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

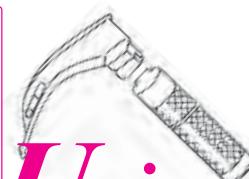


بیوهشی

Narkose
Anaesthesia
Anestesía
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 laringoscopio fig. 2 a 4, completo, en estuche
avec trois spatules à laryngoscopie fig. 2 à 4, complet, en troussse

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 laringoscopio fig. 1 a 4, completo, en estuche
avec quatre spatules à laryngoscopie fig. 1 à 4, complet, en troussse



بیهودشی
Narkose
Anaesthesia
Anestesía
Anesthésie

ست لارنگوسکوپ 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



McIntosh KL 20-7130-02

mit Batteriehandgriff (ohne Batterie)
und drei Laryngoskopspateln 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 laringoscopio fig. 1 a 3
completo, en estuche

avec manche à pile (sans pile)
et trois spatules à laryngoscopie fig. 1 à 3
complet, en troussse

McIntosh KL 20-7130-04

mit Batteriehandgriff (ohne Batterie)
und vier Laryngoskopspateln 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 laringoscopio fig. 1 a 4
completo, en estuche

avec manche à pile (sans pile)
et quatre spatules à laryngoscopie fig. 1 a 4
complet, en troussse

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

McIntosh KL 20-7131-02

mit Akku-Handgriff
und drei Laryngoskopspateln 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 laringoscopio fig. 1 a 3
completo, en estuche

avec manche à accumulateur
et trois, spatules à laryngoscopie fig. 1 à 3
complet, en troussse

McIntosh KL 20-7131-04

mit Akku-Handgriff
und vier Laryngoskopspateln 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 laringoscopio fig. 1 a 4
completo, en estuche

avec manche à accumulateur
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en troussse

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



بیوهشی

Narkose

Anaesthesia

Anestesía

Anesthésie

ست لارنگوسکوپ 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



Miller KL

20-7250-30

mit Batteriehandgriff (ohne Batterie)
und drei Laryngoskopspateln 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 laringoscopio fig. 1 a 3
completo, en estuche

avec manche à pile (sans pile)
et trois spatules à laryngoscopie fig. 1 à 3
complet, en troussse

Miller KL

20-7250-40

mit Batteriehandgriff (ohne Batterie)
und vier Laryngoskopspateln 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 laringoscopio fig. 1 a 4
completo, en estuche

avec manche à pile (sans pile)
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en troussse

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

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

20-7251-30

mit Akku-Handgriff
und drei Laryngoskopspateln 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 laringoscopio fig. 1 a 3
completo, en estuche

avec manche à accumulateur
et trois spatules à laryngoscopie fig. 1 à 3
complet, en troussse

Miller KL

20-7251-40

mit Akku-Handgriff
und vier Laryngoskopspateln 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 laringoscopio fig. 1 a 4
completo, en estuche

avec manche à accumulateur
et quatre spatules à laryngoscopie fig. 1 à 4
complet, en troussse

20



21



جراحی فک و صورت

Mund-, Kiefer-, Gesichtschirurgie

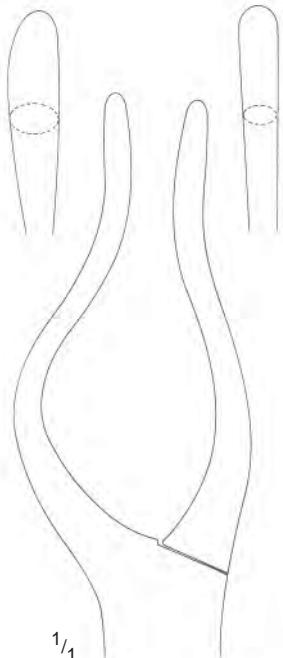
Oral Maxillo-Facial Surgery

Cirugía oral y maxilofacial

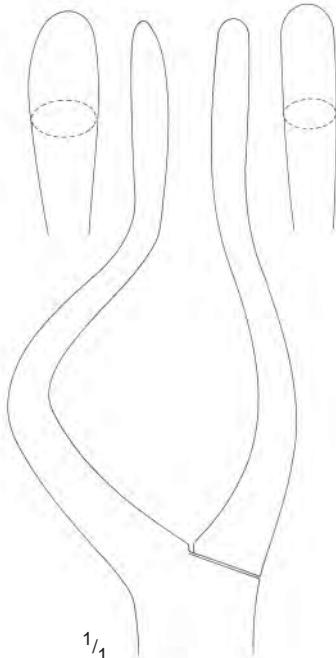
Chirurgie buccale et maxillo-faciale



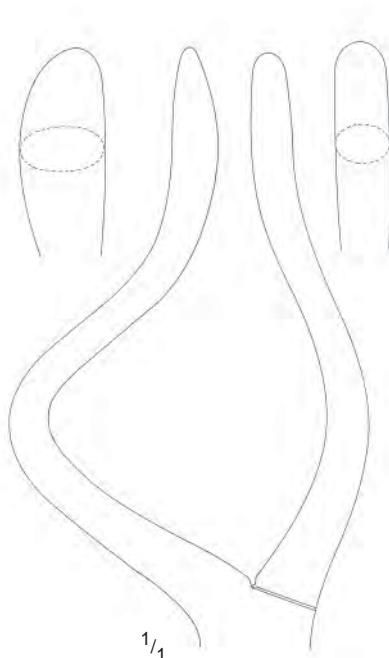
پنس دیس ایمپکشن
Repositionszangen
Disimpaction Forceps
Pinzas para reposición
Pince de reposition



1/1
21-1001-22 L
21-1002-22 R
22,5 cm/8^{3/4}"



1/1
21-1003-23 L
21-1004-23 R
23,5 cm/9^{1/4}"



1/1
21-1005-24 L
21-1006-24 R
24 cm/9^{1/2}"



L
Rowe
links
left
izquierdo
gauche



R
Rowe
rechts
right
derecho
droite

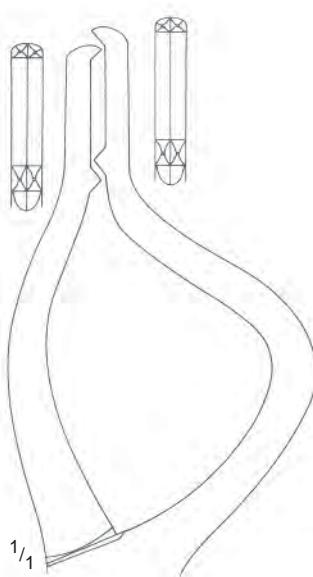
پنس دیس ایمپکشن

Repositionszangen
Disimpaction Forceps
Pinzas de reposición
Pince à repositionner



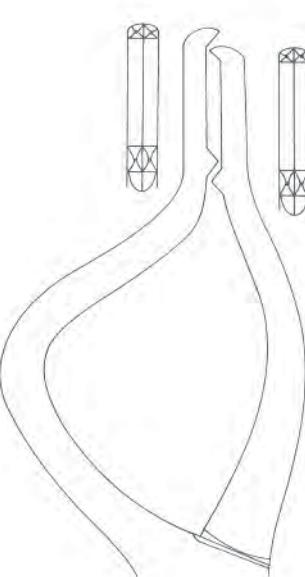
Univer®

21



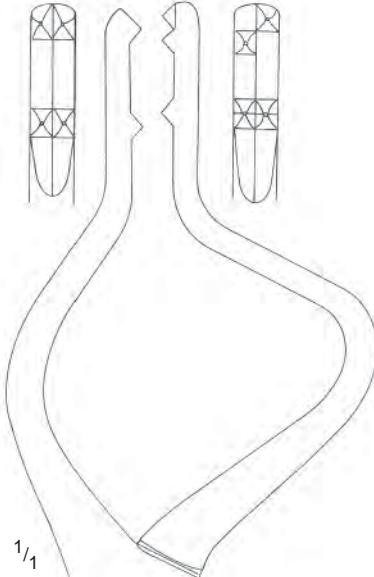
21-1007-22

links
left
izquierda
gauche



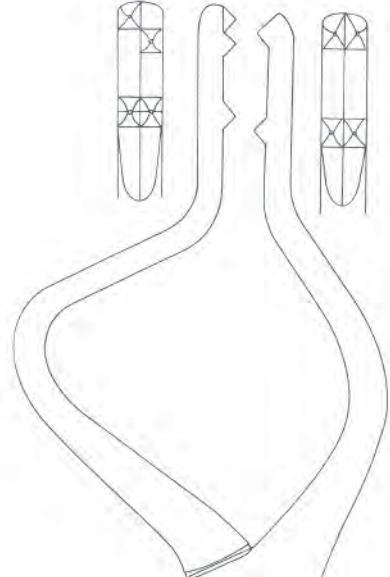
21-1008-22

rechts
right
derecha
droite



21-1009-23

links
left
izquierda
gauche



21-1010-23

rechts
right
derecha
droite



1/2
Tessier
22 cm/8³/₄"

für Kinder
for children
para niños
pour enfants



1/2
Tessier
23 cm/9"

für Erwachsene
for adults
para adultos
pour adultes



ابزار شکاف کام

Gaumenspalten-Instrumente
Cleft Palate Instruments
Instrumentos paladares
Instruments pour palais



Saler
21-1011-18
18,5 cm/7^{1/4}"

Gaumenspalten-Häkchen
Cleft Palate Hooklets
Ganchito para el paladar
Crochet pour palais
kurzes Blatt
short blade
hoja corta
lame courte



Saler
21-1012-18
18,5 cm/7^{1/4}"

Gaumenspalten-Häkchen
Cleft Palate Hooklet
Ganchito para el paladar
Crochet pour palais
langes Blatt
long blade
hoja larga
lame longue



Saler
21-1014-18
18 cm/7"

Gaumenspalten-Dissektor
Cleft Palate Dissector
Disecador para el paladar
Dissecteur pour palais
nasal
nasal
nasal
nasale



Saler
21-1016-18
18 cm/7"

Gaumenspalten-Dissektor
Cleft Palate Dissector
Disecador para el paladar
Dissecteur pour palais
nasal
nasal
nasal
nasale



Saler
21-1018-18
18 cm/7"

Gaumenspalten-Elevatorium
Cleft Palate Instruments
Instrumentos paladares
Instruments pour palais



Saler
21-1020-18
18 cm/7"

Gaumenspalten-Elevatorium
Cleft Palate Elevator
Elevador para el paladar
Elévateur pour palais



Saler
21-1022-18
18 cm/7"

Gaumenspalten-Elevatorium
Cleft Palate Elevator
Elevador para el paladar
Elévateur pour palais



Jaboma
21-1024-17
17 cm/6^{3/4}"

Gaumenspalten-Raspatorium
Cleft Palate Periosteal
Elevator
Legra para el paladar
Raspatoir pour palais

الويتور فكي

Elevatorien, Transplantatstopfer

Elevators, Graft Packers

Elevadores, Atacadores de trasplantes

Elévateurs, Poussoirs pour transplantation

پريوس الويتور فكي اكارتور فكي

Wundhaken, Raspatorien

Retractors, Periosteal Elevators

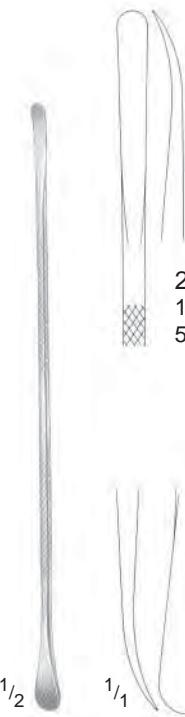
Separadores, Legras

Ecarteurs, Rugines-raspatoires



Univer®

21



Terry

zur Alveolarlappenabhebung
for elevation of alveolar flaps
para la elevación de las aletas alveolares
pour élévation du lambeau alvéolaire

21-1026-17
17 cm/6 3/4"
5,0 / 8,0 mm



Terry

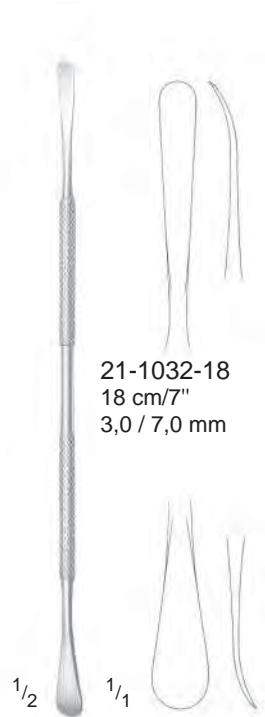
Transplantatstopfer
Graft Packer
Atacador de trasplantes
Poussoir pour transplantation

21-1028-11
11 cm/4 1/4"
1/2 1/1



Transplantatstopfer
Graft Packer
Atacador de trasplantes
Poussoir pour transplantation

21-1030-13
13 cm/5"
1/2 1/1



Terry

für subperiostale Tunnel
for subperiosteal tunnels
para túneles subperiósticos
pour tunnel subpéristostal

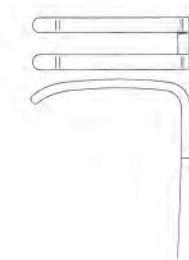
21-1032-18
18 cm/7"
3,0 / 7,0 mm



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

21



پریوس الوبیتور فکی

Raspatorien

Periosteal Elevators

Legras

Rugines-raspatoires



$\frac{1}{1}$

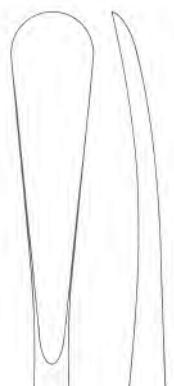
21-1218-06
17,5 cm/7"
6 mm



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

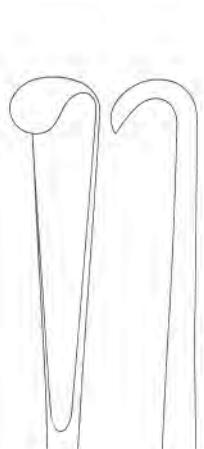
Obwegeser



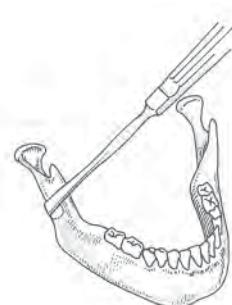
21-1225-20
20,5 cm/8"
5 mm



21-1227-20
20,5 cm/8"
7 mm



21-1229-20
20,5 cm/8"
9 mm



$\frac{1}{2}$

Obwegeser

اکارتور سافت تیشو

Weichteilhaken

Soft Tissue Retractors

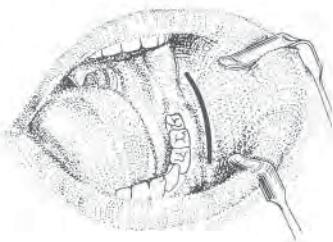
Separadores para partes blandas

Ecarteurs pour parties molles



Univer®

21



21-1316-24
5 x 16 mm



Obwegeser
24 cm/9 1/2"

aufwärts gebogen
bent upwards
angulado hacia arriba
coudé en haut

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

21



Univer®

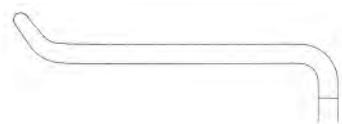
اکارتور سافت تیشو

Weichteilhaken

Soft Tissue Retractors

Separadores para partes blandas

Crochets pour parties molles



21-1343-21
21,5 cm/8½"
43 x 11 mm



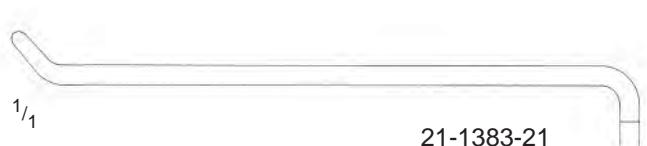
21-1357-21
21,5 cm/8½"
57 x 11 mm



1/1

1/2

Obwegeser



21-1383-21
21,5 cm/8½"
83 x 16 mm

اكارتور سافت تيشهو

Weichteilhaken

Soft Tissue Retractors

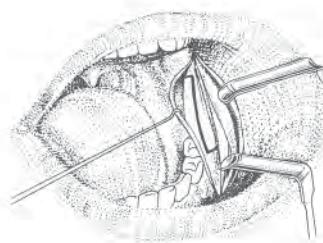
Separadores para partes blandas

Ecarteurs pour parties molles



Univer®

21



21-1326-24
5 x 16 mm



Obwegeser
24 cm/9 1/2"

abwärts gebogen
bent downwards
angulado hacia abajo
coudé en bas

21-1335-24
7 x 25 mm



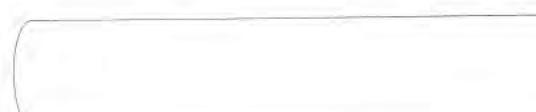
21-1345-24
10 x 35 mm



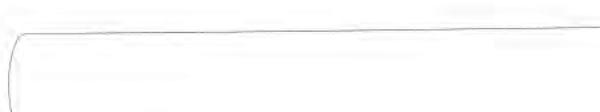
21-1352-24
10 x 42 mm



21-1365-24
12 x 55 mm



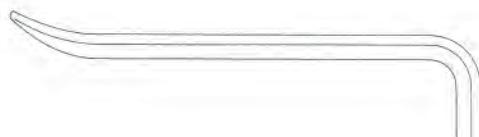
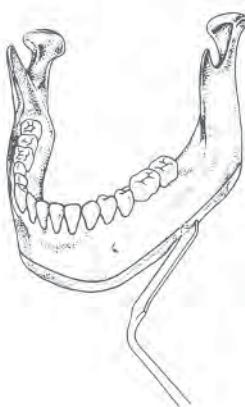
21-1380-24
14 x 70 mm



21-1392-24
16 x 80 mm



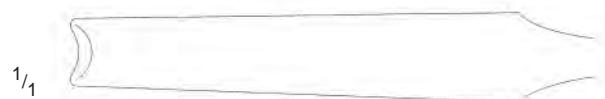
اکارتور ماندیبولاو
Unterkieferhaken
Mandibular Retractors
Separadores mandibulares
Ecarteurs mandibulaires



21-1394-30
9/12 x 30 mm



21-1394-45
9/12 x 45 mm



21-1394-60
9/12 x 60 mm

$\frac{1}{2}$

Obwegeser
21 cm/8 $\frac{1}{4}$ "

اکارتور راموس

Ramushaken

Ramus Retractors

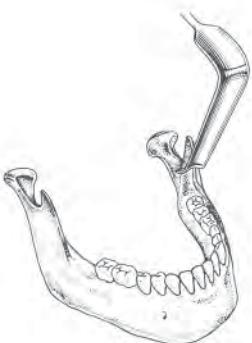
Separadores para el ramo

Ecarteurs pour ramus

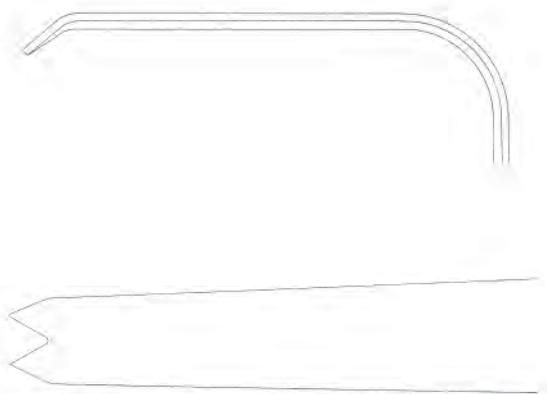


Univer®

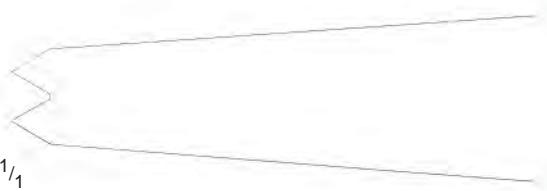
21



Obwegeser
24,5 cm/9^{3/4}"



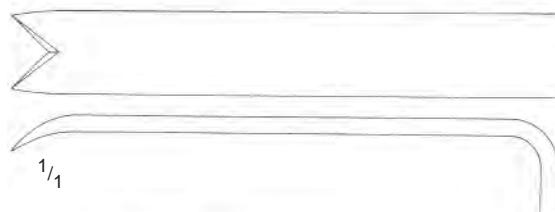
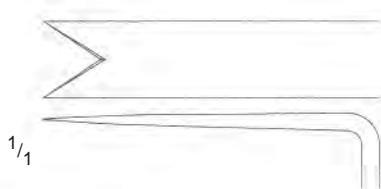
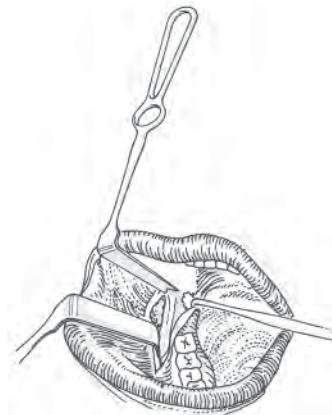
21-1396-15
11/15 x 70 mm



21-1396-22
12/22 x 70 mm



اكارتور راموس
Ramushaken
Ramus Retractors
Separadores para el ramo
Ecarteurs pour ramus



Obwegeser

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

21-1397-72
 22 cm/8 3/4"
 72 x 10 mm



Obwegeser

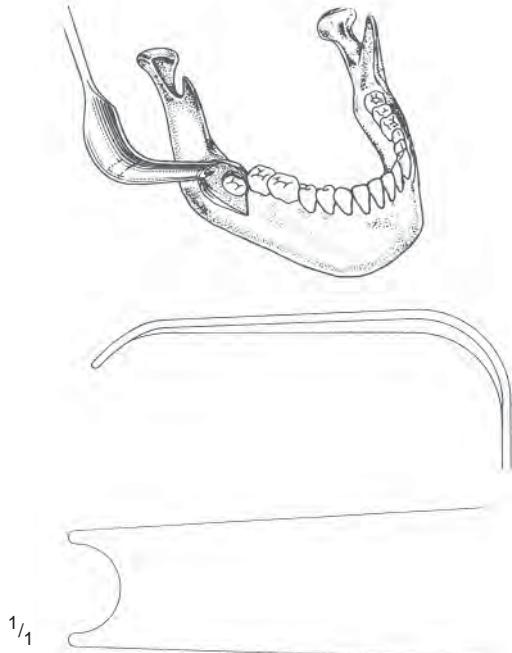
Weisheitszahn-Haken
Third Molar Retractor
Separador para muela del juicio
Ecarteur pour dent de sagesse

Spina nasalis-Haken
Nasal Spine Retractor
Separador para espina nasal
Ecarteur pour spina nasalis



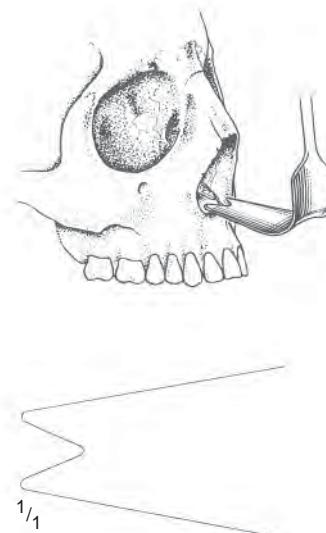
Univer®

21



1/1

21-1398-70
15/22 x 70 mm



1/1

21-1399-40
10/23 x 40 mm



Obwegeser
24 cm/9 1/2"

Weisheitszahn-Haken
Third Molar Retractor
Separador para muela del juicio
Ecarteur pour dent de sagesse

1/2

Obwegeser
24,5 cm/9 3/4"

Spina nasalis-Haken
Nasal Spine Retractor
Separador para espina nasal
Ecarteur pour spina nasalis

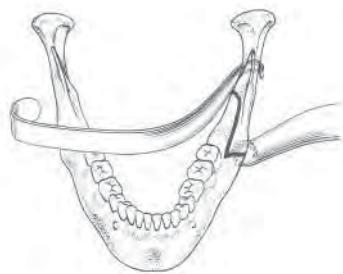
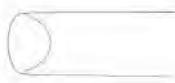
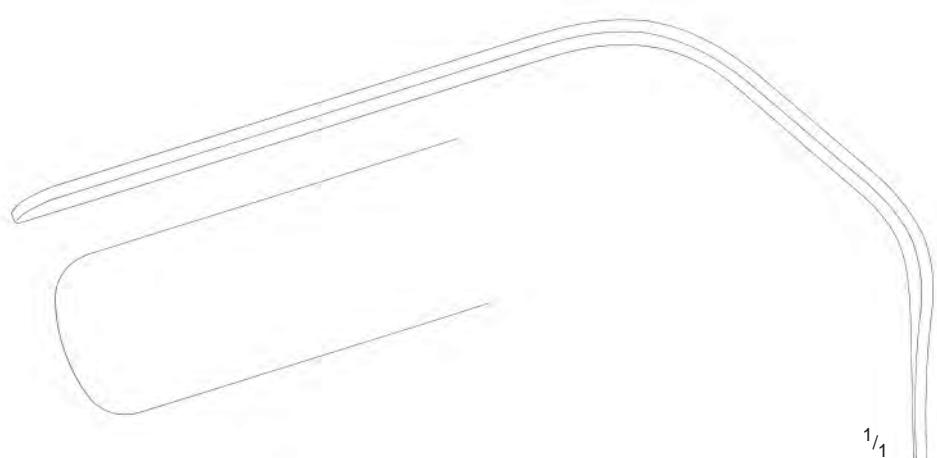
1/2

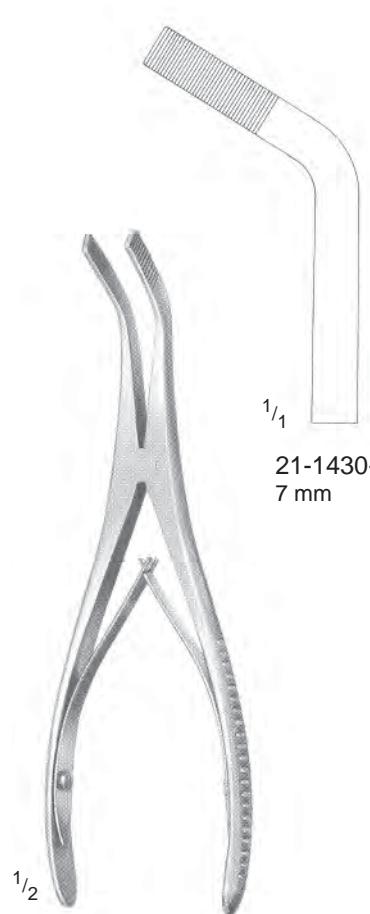


اکارتور چنل

Progenierinnen
Channel Retractors
Separadores mandibulares
Ecarteurs mandibulaires

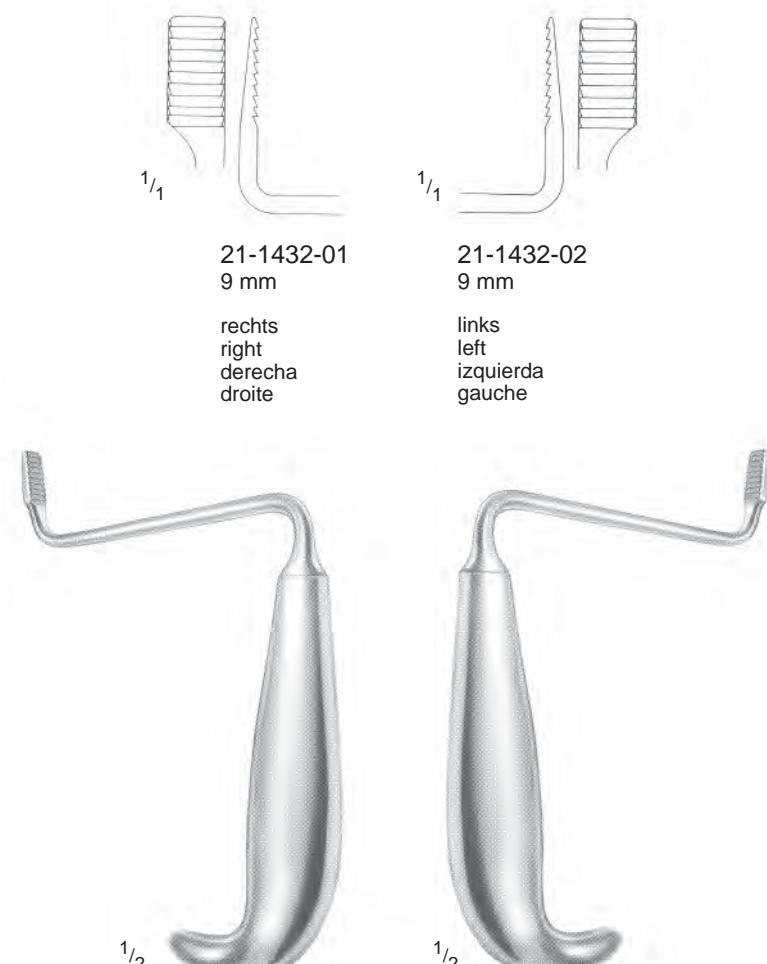
Thoraxhaken
Thoracic Retractors
Separadores torácico
Rétracteur thoracique

 $\frac{1}{1}$ 21-1408-16
8 mm21-1410-16
10 mm $\frac{1}{1}$ 21-1422-20
90 x 22 mm21-1428-20
120 x 28 mmObwegeser
16,5 cm/6 $\frac{1}{2}$ " $\frac{1}{2}$ **Tessier**
20,5 cm/8" $\frac{1}{2}$



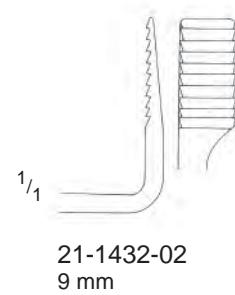
Tessier
 17,5 cm/7"

Spreizzange
 Spreading Forceps
 Pinza de expansión
 Pince à écarter



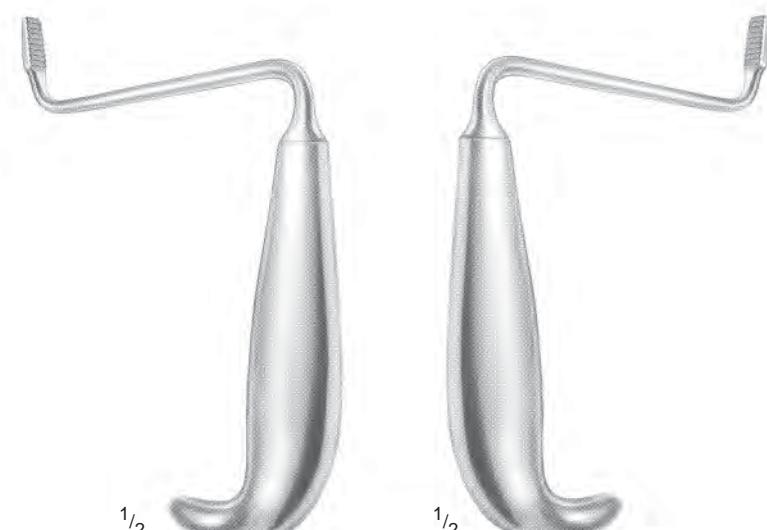
21-1432-01
 9 mm

rechts
 right
 derecha
 droite



21-1432-02
 9 mm

links
 left
 izquierda
 gauche

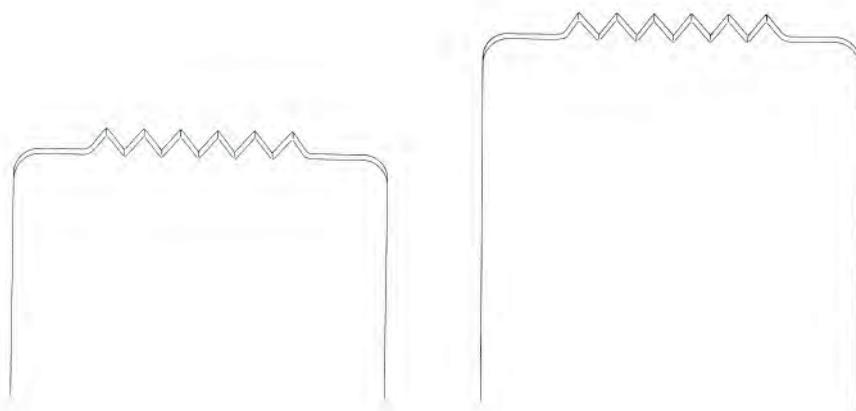


Tessier
 15 cm/6"

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

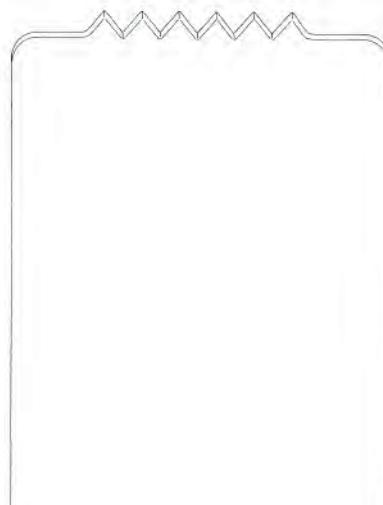


1/1

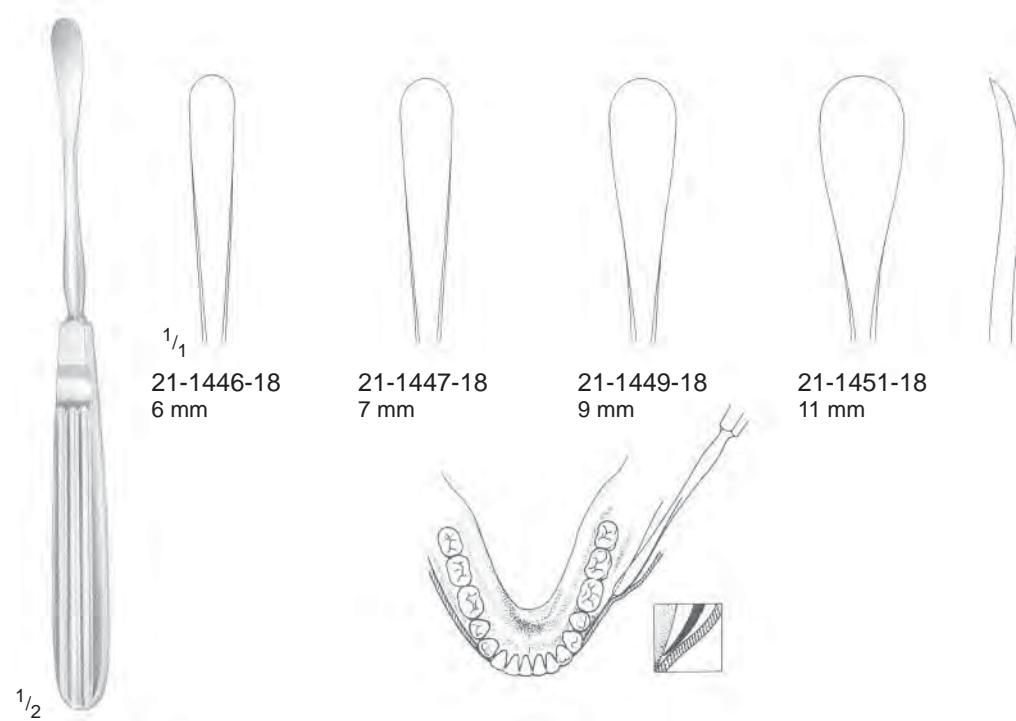
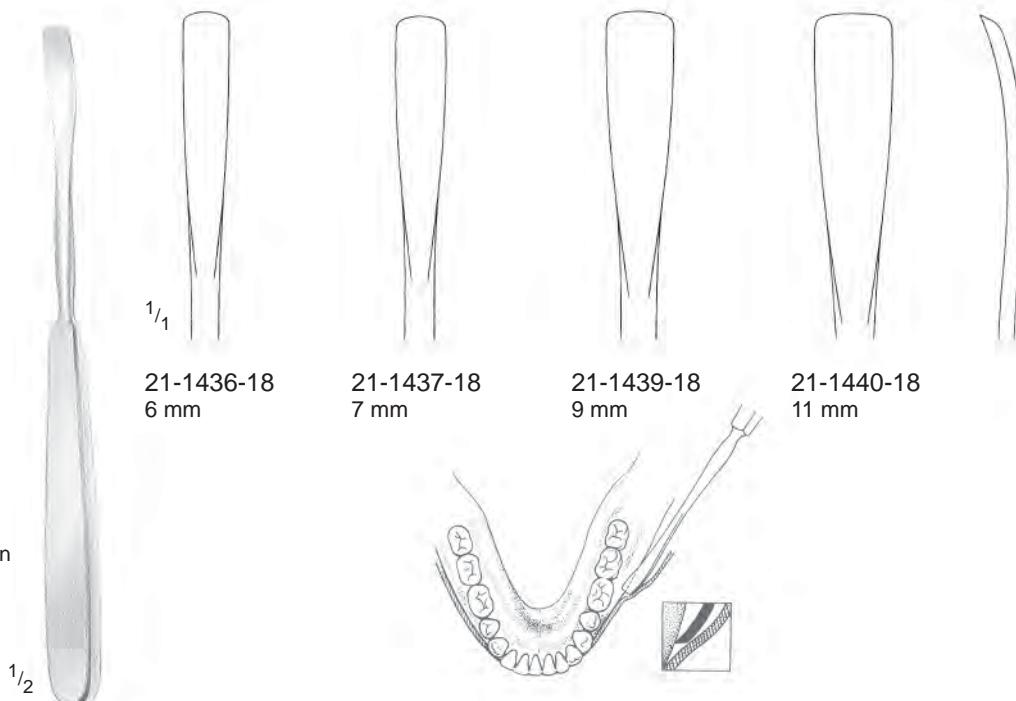
21-1434-59
59 x 50 mm

1/2

Tessier
16 cm/6¹/₄"



21-1434-66
66 x 50 mm





پریوس الوبیتور فکی

Raspatorien

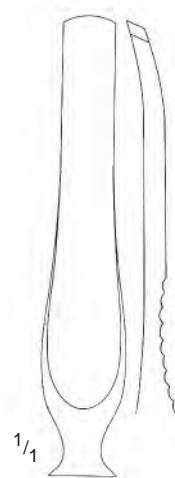
Periosteal Elevators

Legras para periostio

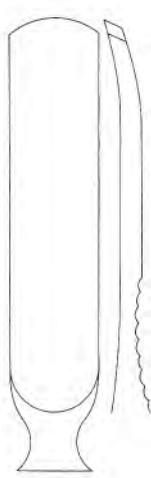
Rugine-raspatoires pour périoste



Marchac
15,5 cm/6"



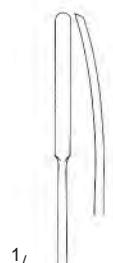
21-1460-05
7,5 mm



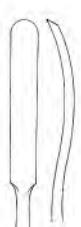
21-1460-12
12 mm



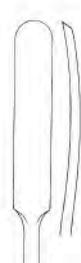
Marchac
17 cm/6^{3/4}"



21-1462-20
2 mm



21-1462-35
3,5 mm



21-1462-50
5 mm

پریوس الوبیتور فکی

Ramusraspatorien
Ramus Perosteal Elevators
Legras para el ramo
Rugine-raspatoires pour ramus

Periostraspatorien
Periosteal Elevators
Legras para periostio
Rugine-raspatoires pour périoste



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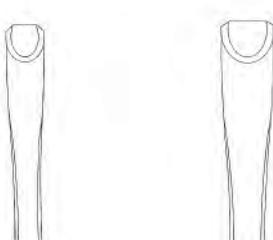
21



$1/1$
21-1464-05
5 mm



21-1464-07
7 mm

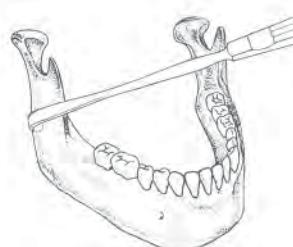


21-1464-09
9 mm



$1/2$

Obwegeser
20,5 cm/8"



$1/1$

21-1466-30
6 mm
30°



Tessier

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

$1/2$

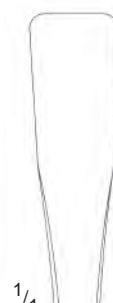
Tessier
18 cm/7"

$1/1$

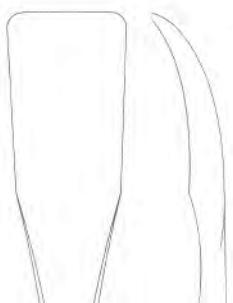
21-1466-60
6 mm
60°

$1/2$

Tessier
20,5 cm/8"



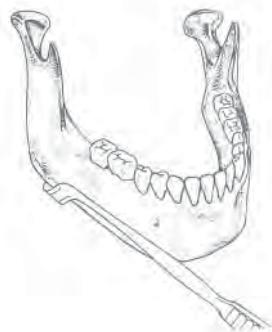
21-1468-12
12 mm



21-1468-15
15 mm



Unterkiefferrand-Raspatorien
Mandibular Inferior Border Raspatories
Legras para el borde mandibular
Rugine-raspatoires pour le bord mandibulaire



Obwegeser
21 cm/8 $\frac{1}{4}$ "

Elevatorium
Elevator
Elevador
Elévateur



15-3180-20
6 mm

Obwegeser
20 cm/8"

Raspatorium
Raspatory
Legra
Rugine-raspatoire



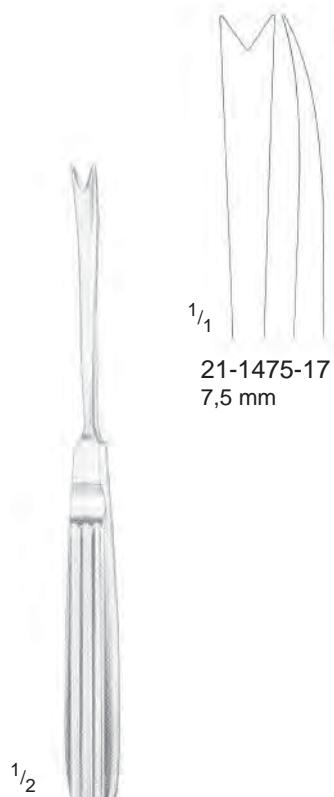
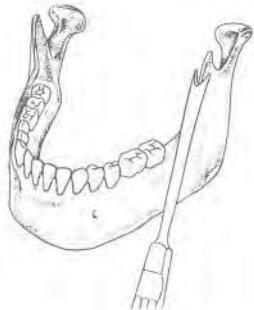
21-1472-00
10 mm

nach links gewinkelt
angled to left
angulado hacia la izquierda
coudé à gauche

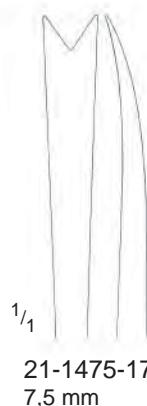


21-1472-01
10 mm

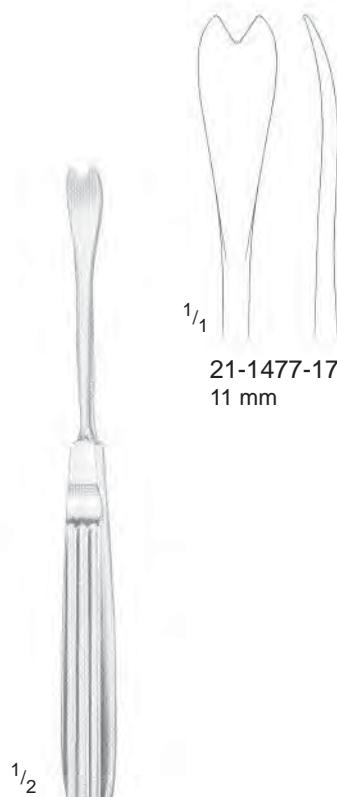
nach rechts gewinkelt
angled to right
angulado hacia la derecha
coudé à droite



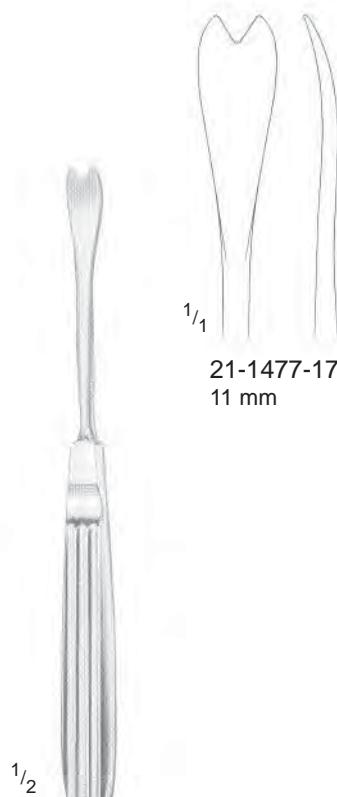
Obwegeser
17,5 cm/7"



$1/1$
21-1475-17
7,5 mm



$1/1$
21-1477-17
11 mm



Obwegeser
17,5 cm/7"



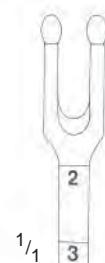
**Septumosteotome
Septonasal Osteotomes
Osteótomas para el tabique nasal
Ostéotomes pour cloison nasale**

**Keilosteotome
Wedge Osteotomes
Osteótomas de cuña
Ostéotome cunéiforme**

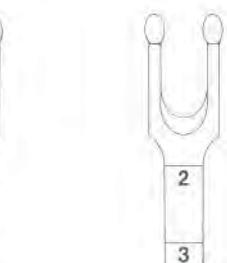


Obwegeser
18,5 cm/7 1/4"

graduiert
graduated
graduado
gradué



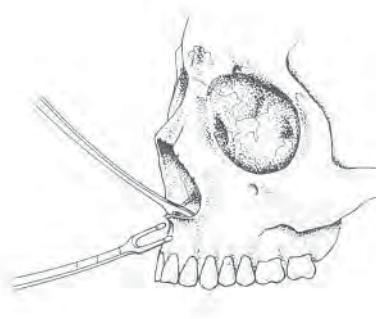
21-1480-04
4 mm



21-1480-06
6 mm



21-1480-08
8 mm



Obwegeser
22 cm/8 3/4"



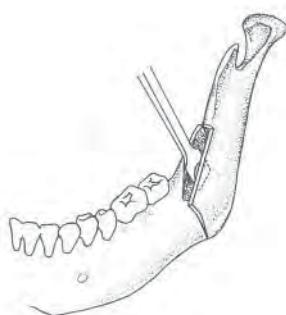
21-1482-08
8 mm



21-1482-12
12 mm



21-1482-16
16 mm



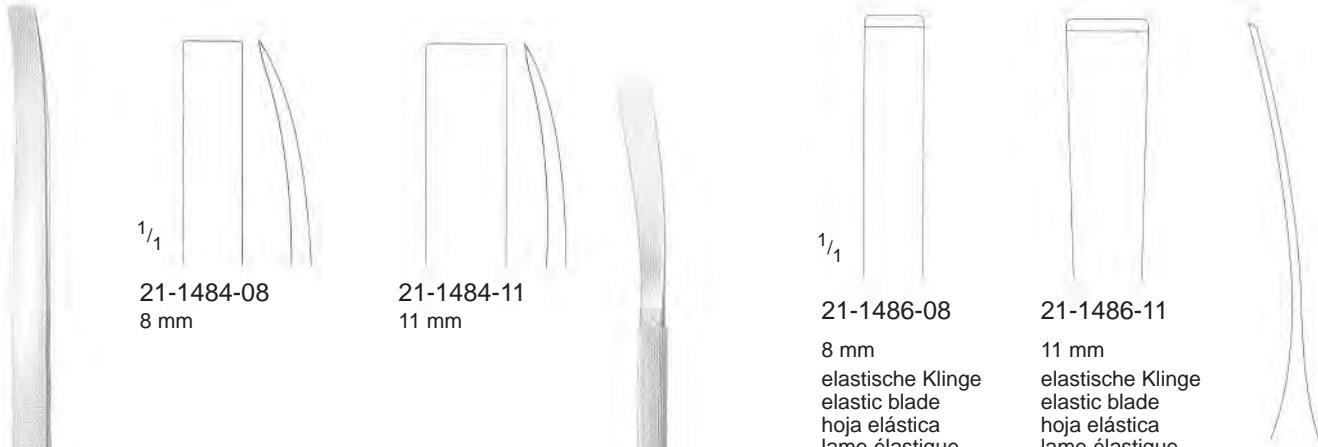


Tuber maxillae-osteotome

Osteotomes for Maxillary Tuber

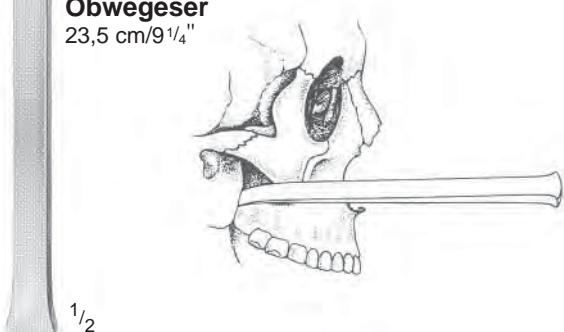
Osteótomas para tubérculo maxilar

Ostéotome pour tuber-maxillae



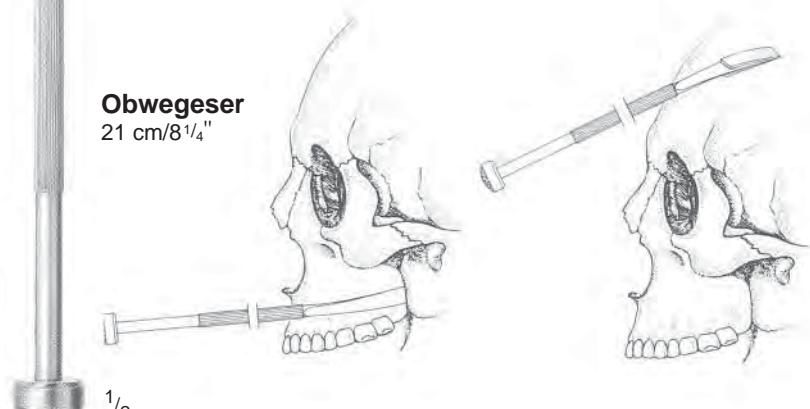
Obwegeser

23,5 cm/9 $\frac{1}{4}$ "



Obwegeser

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



21-1487-18

21-1488-10
10 mm

21-1490-06
6 mm

21-1490-09
9 mm

Septumosteotom
Septonasal Osteotome
Osteótomo para el tabique nasal
Ostéotome pour cloison nasale

Retromaxillar-Meißel
Retromaxillary Chisel
Cincel retromaxilar
Burin rétro-maxillaire

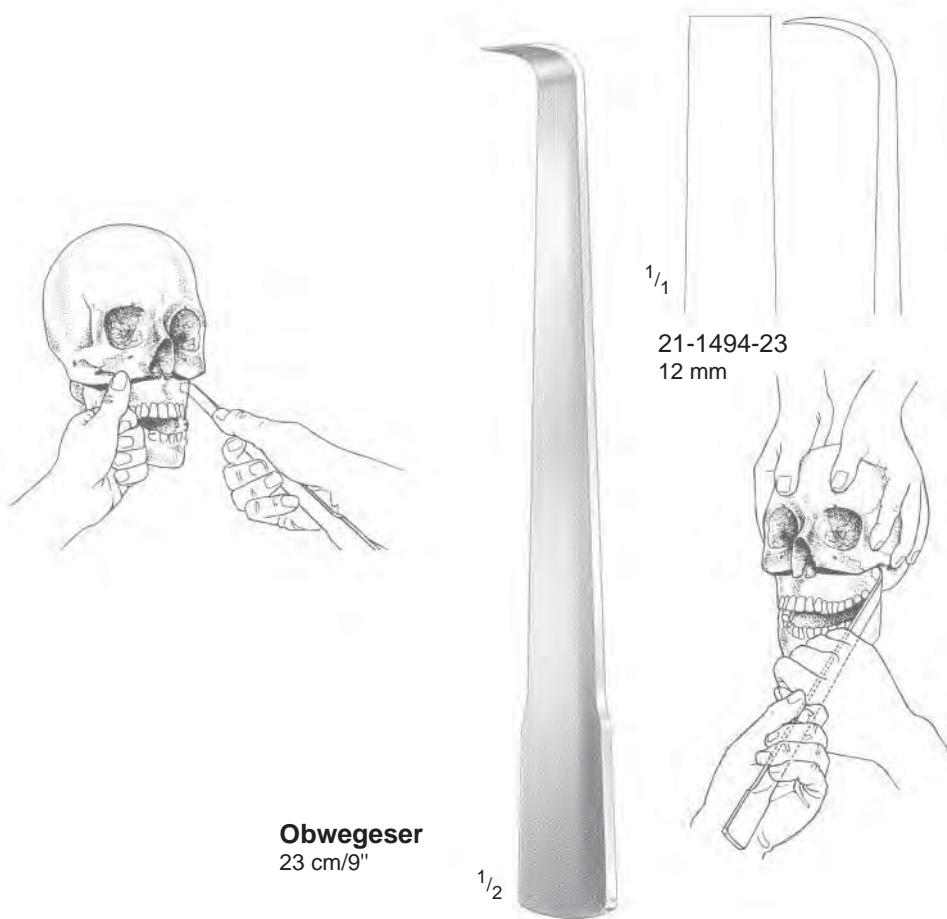
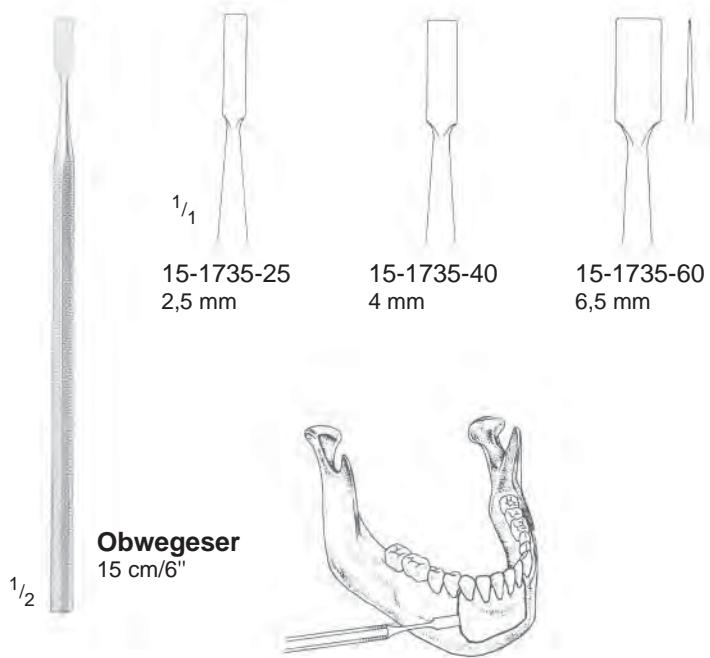
Tessier
18,5 cm/7 $\frac{1}{4}$ "

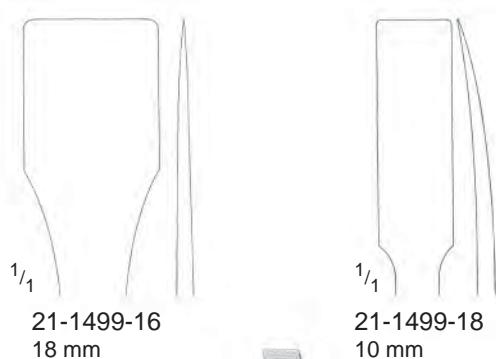
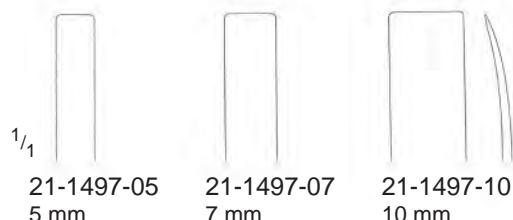
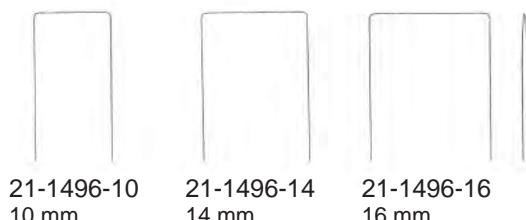
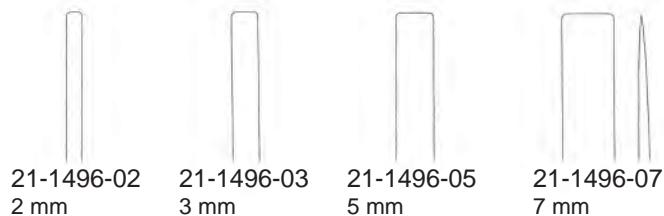
Tessier
18 cm/7"

Tessier
16,5 cm/6 $\frac{1}{2}$ "

**Alveolarfortsatz-Osteotome
Osteotomes for Alveolar Process
Osteótomas para el proceso alveolar
Ostéotome pour bord alvéolaire**

**Maxilla-Mobilisator
Maxillary Mobilizer
Mobilizador maxilar
Mobilisateur pour maxillaire**





Tessier
16 cm/6 1/4"



Tessier
16 cm/6 1/4"



Tessier
18 cm/7"

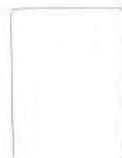


Univer®

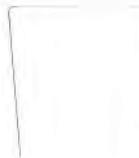
استوتوم فكي
Osteotome
Osteotomes
Osteótomas
Ostéotomes



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



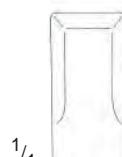
21-1506-15
15 mm



21-1501-10
10 mm



21-1501-15
15 mm



21-1507-10
10 mm



21-1507-15
15 mm



Tessier
20 cm/7 3/4"

zur Transplantatentnahme aus Ilium unci Tibia
 for taking grafts from ilium and tibia
 para sacar trasplantes del ilion y la tibia
 pour priser de greffon de l'ilion et du tibia



Tessier
16 cm/6 1/4"

zur Transplantatentnahme aus der Calva
 for taking grafts from the calva
 para sacar trasplantes del calvo
 pour priser de greffon du crâne

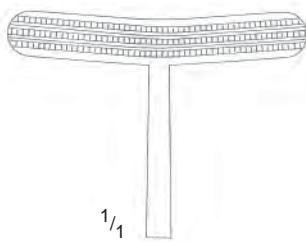
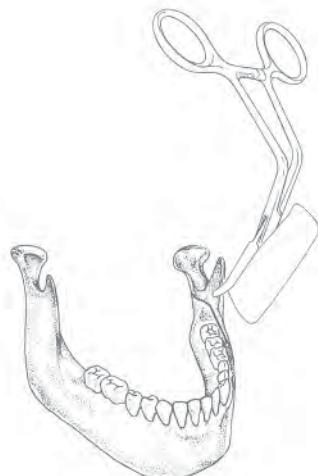
Ramusklemmen
Ramus Clamps
Pinzas para el ramo
Pinces pour ramus

Kopfhautklemme
Scalp Clamp
Pinza para cabelludo
Pince pour le cuir chevelu



Univer®

21



Obwegeser
21-1512-15
15 cm/6"

kleines Modell, rechts
small pattern, right
modelo pequeño, derecha
modèle petit, droit



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



Tessier
13 cm/5"

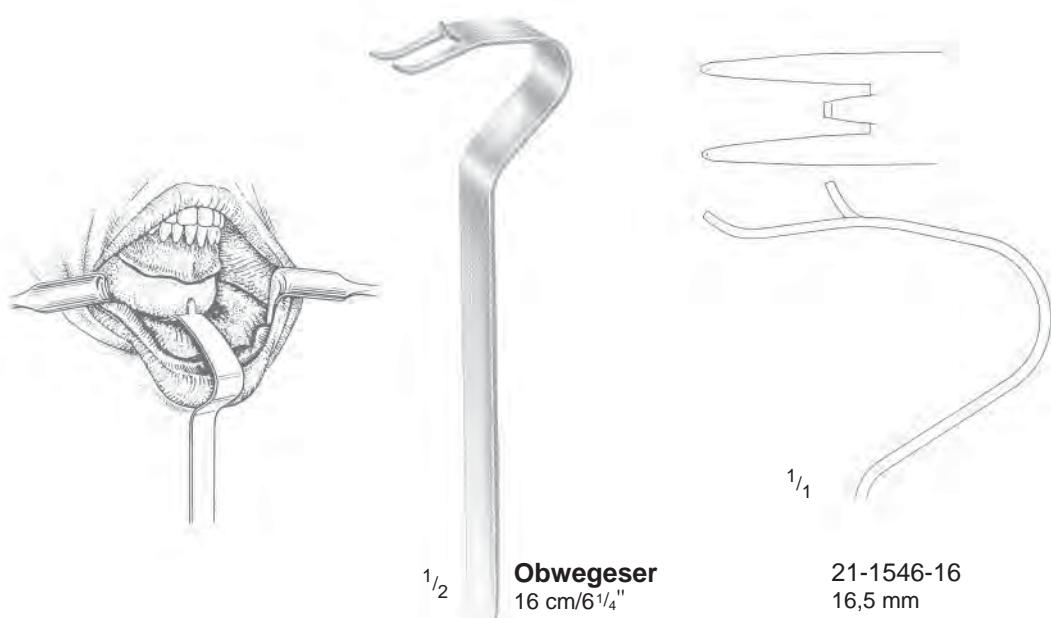
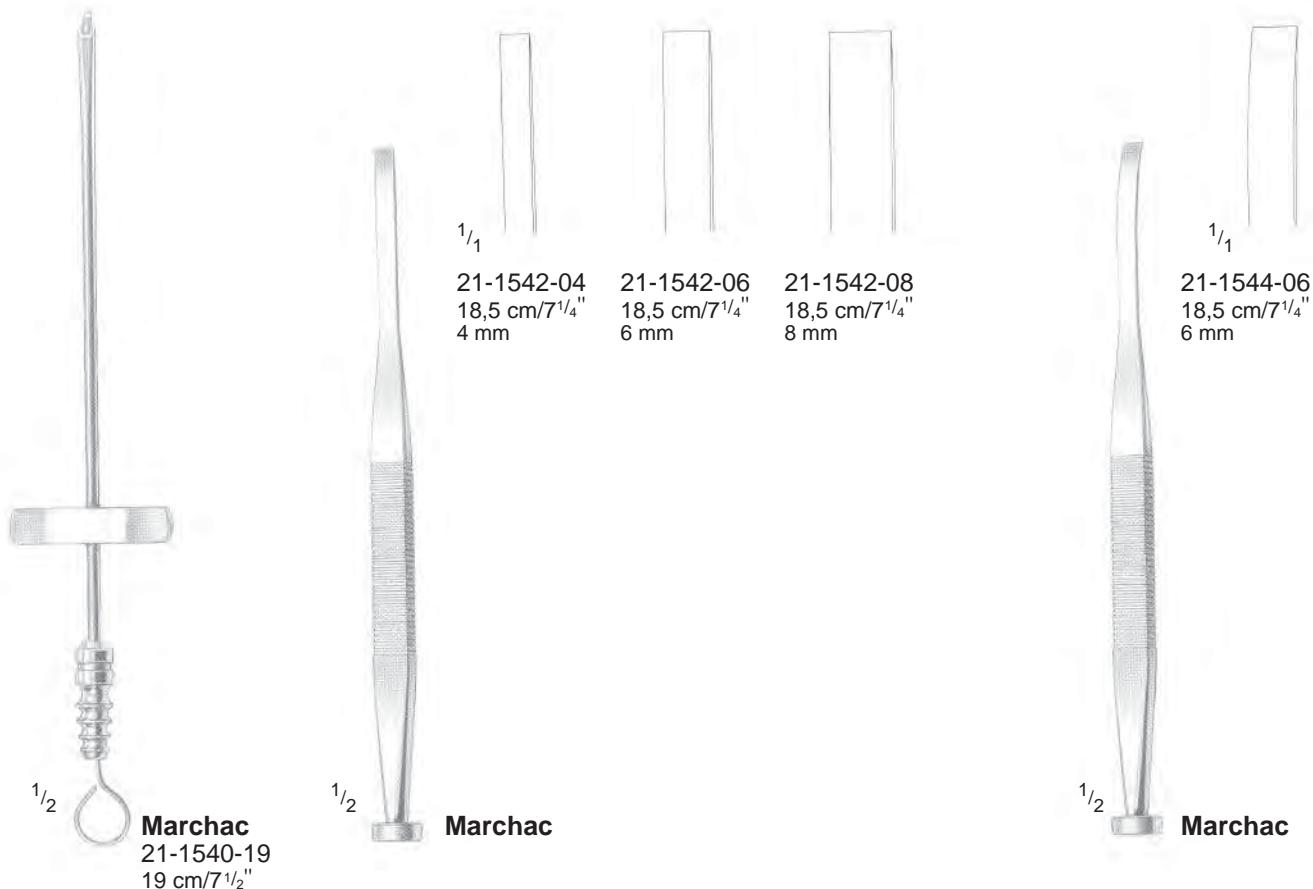
Obwegeser
21-1535-20
20 cm/8"

großes Modell, links
large pattern, left
modelo grande, izquierdo
modèle grand, gauche



**Aspirations-Dissektor, Osteotome
Suction Dissector, Osteotomes
Disecador de aspiración, Osteótomas
Dissecteur à aspiration. Osteotomes**

**Kinnhalter
Chin Holder
Separador para mentón
Ecarteur mandibulaires**



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

21-1546-16
16,5 mm

**Kinnhalter
Chin Holder
Separador para mentón
Ecarteur pour menton**

استخوان بُر

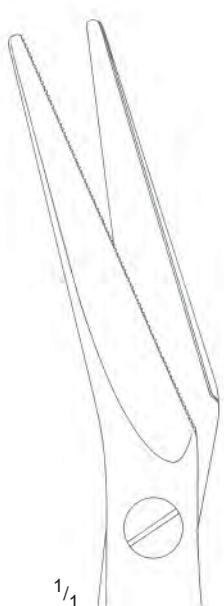
Knochenschneidezangen
Bone Cutting Forceps
Pinzas para cortar huesos
Pinces coupantes à os

Knochensplitterzangen
Bone Cutting Forceps
Cizallas para huesos
Pinces coupantes à os

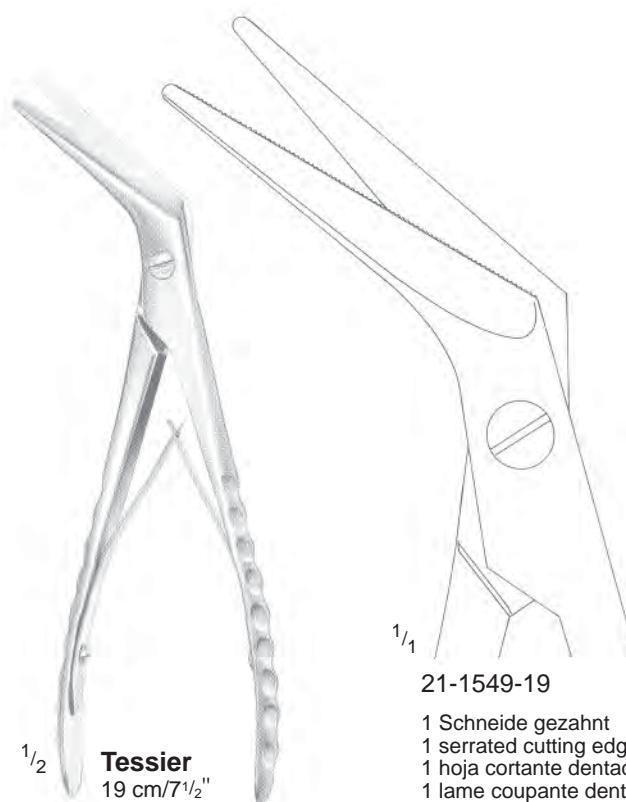


Univer®

21



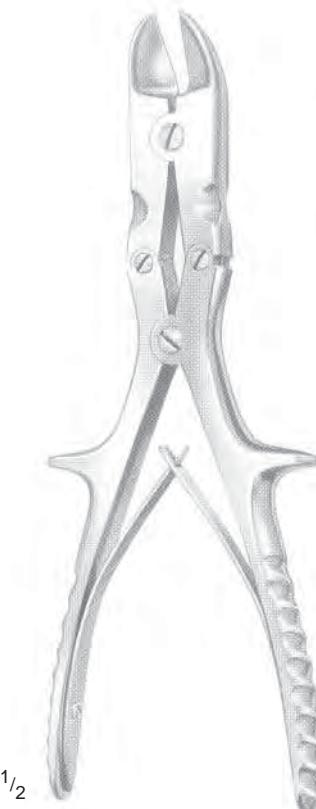
1 Schneide gezahnt
1 serrated cutting edge
1 hoja cortante dentada
1 lame coupante dentelée



1 Schneide gezahnt
1 serrated cutting edge
1 hoja cortante dentada
1 lame coupante dentelée



schlanke Modell
slim pattern
modelo delgado
modèle gracile

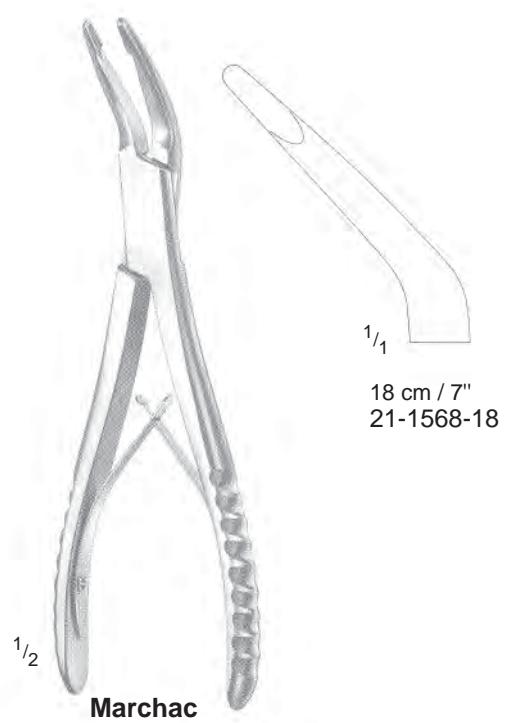
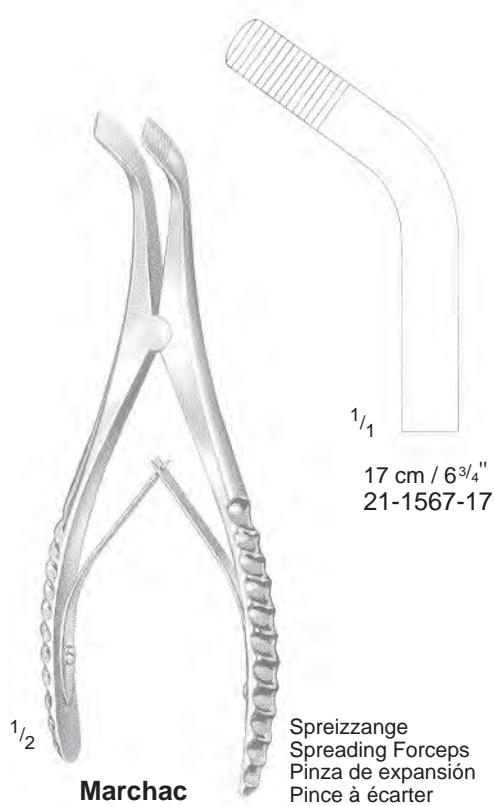


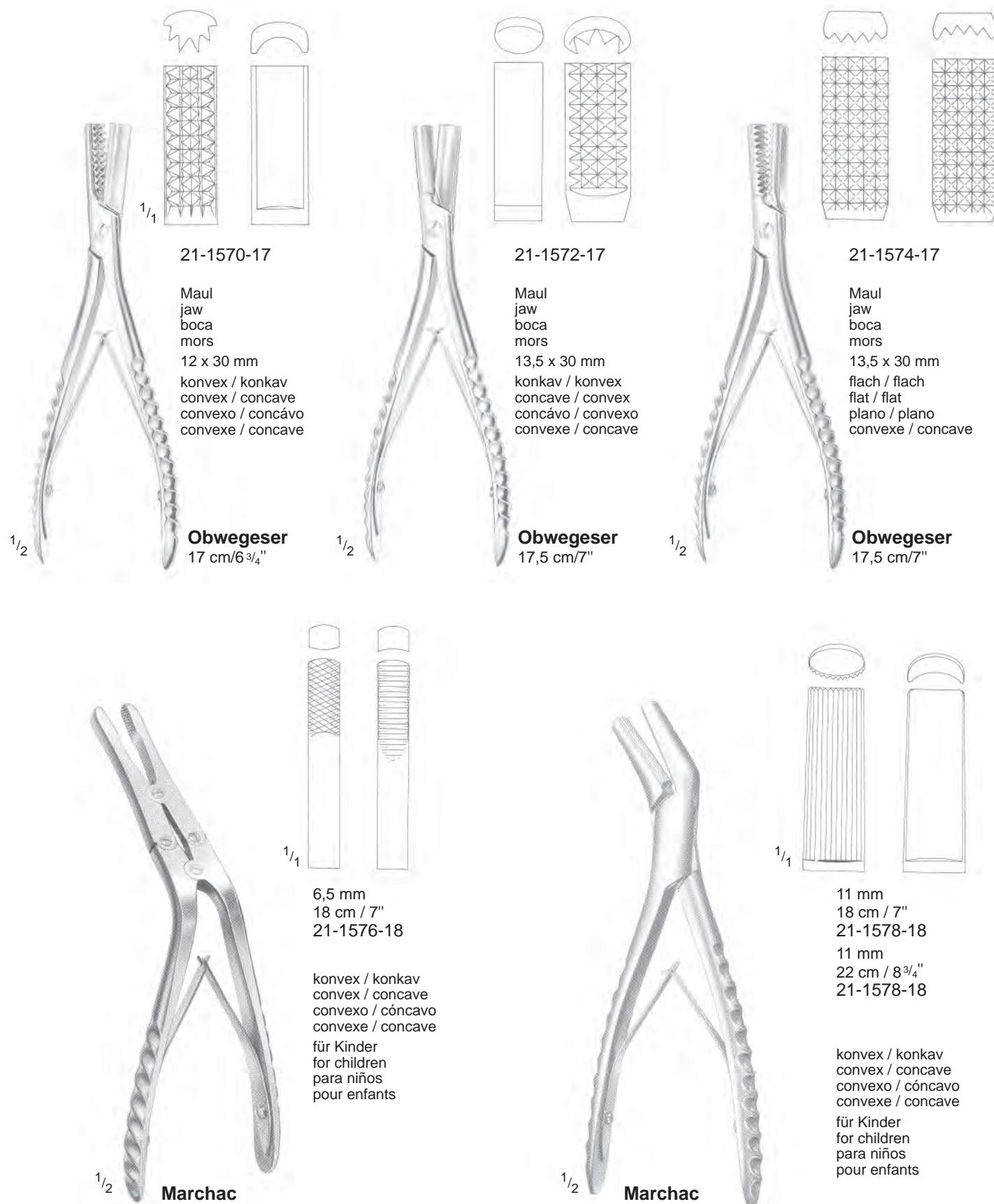


Univer®

هوک استخوانی
Knochenhaken
Bone Hook
Gancho para huesos
Crochet pour os

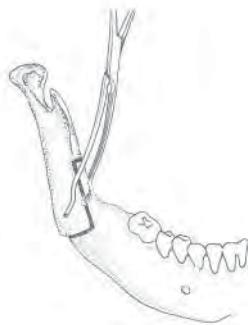
بن روتوّر
Cranial-Hohlmeißelzange
Cranial Rongeur
Pinza gubia craneal
Gouge craniale



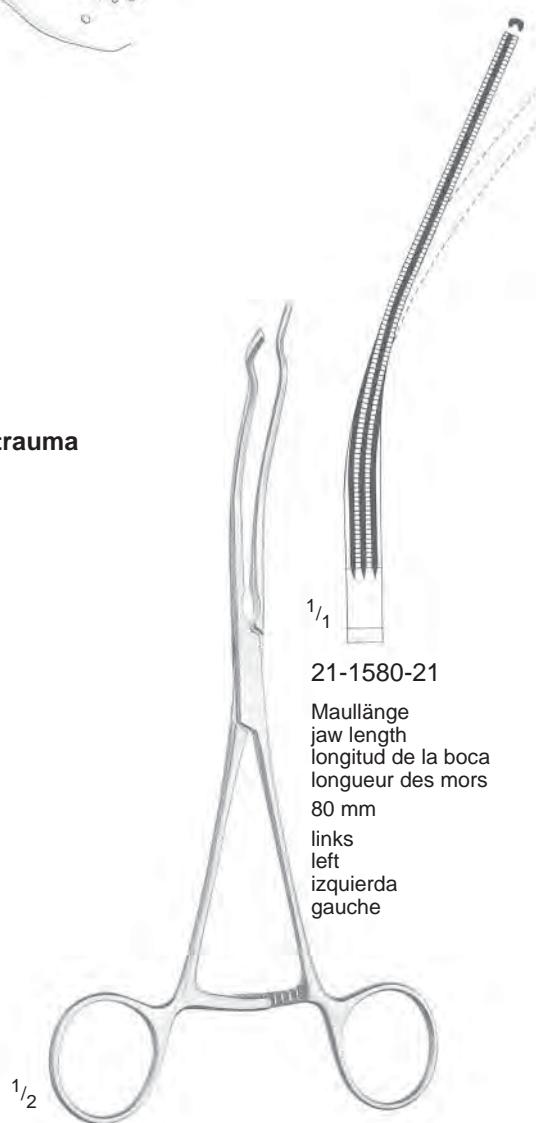




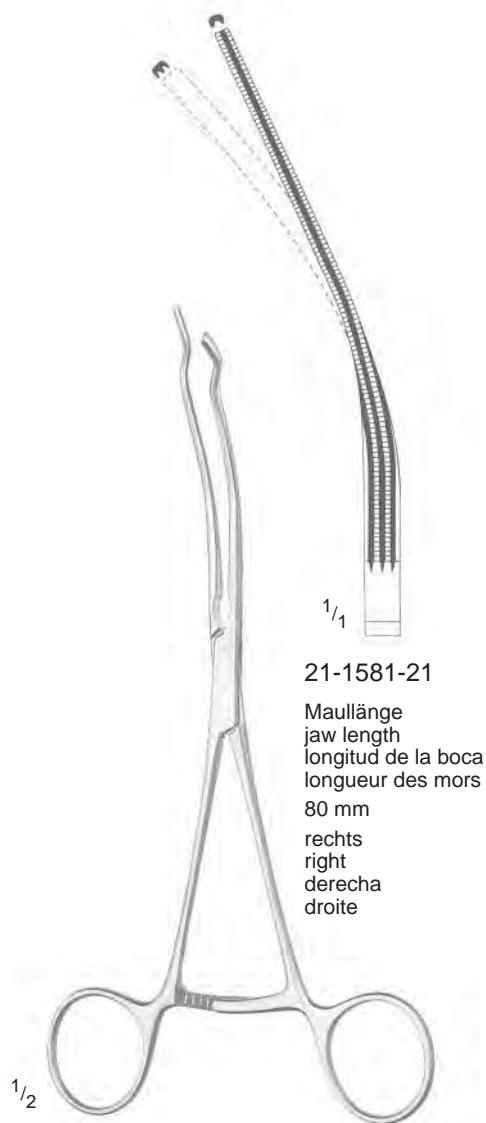
Fragment-Adaptierungsklemmen
Fragment Adapting Forceps
Pinzas adaptadoras para fragmentos
Clamps pour adaptation de fragments osseux



Atrauma



Obwegeser
21 cm/8 $\frac{1}{4}$ "



Obwegeser
21 cm/8 $\frac{1}{4}$ "



21-1583-21
2,5 mm Ø

1/2

Tessier
21 cm/8 1/4"



21-1585-16
4,5 mm Ø

1/2

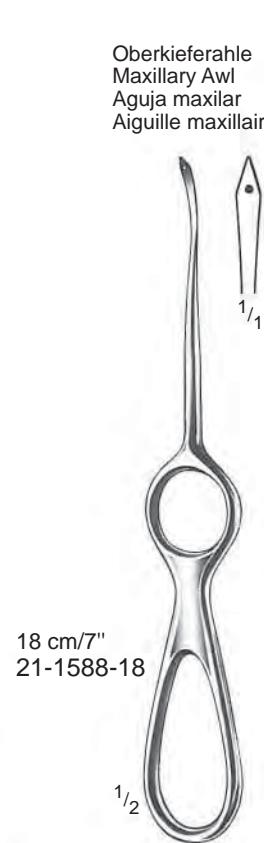
Tessier
16,5 cm/6 1/2"



21-1587-14
2,5 mm Ø

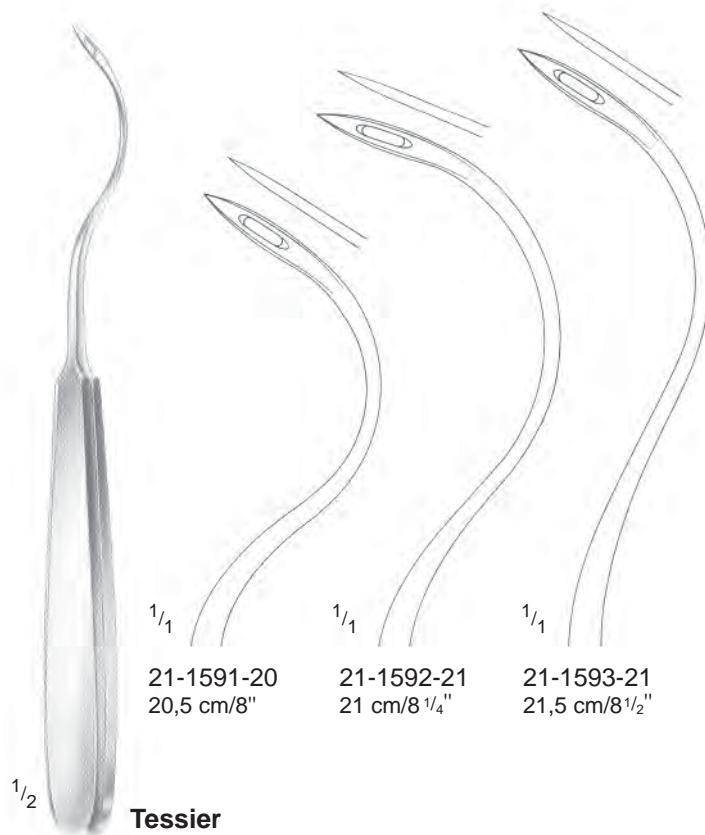
1/2

Trokar
Trocar
Trócar
Trocarts



18 cm/7"
21-1588-18

1/2



21-1591-20
20,5 cm/8"

1/2

Tessier

21-1592-21
21 cm/8 1/4"

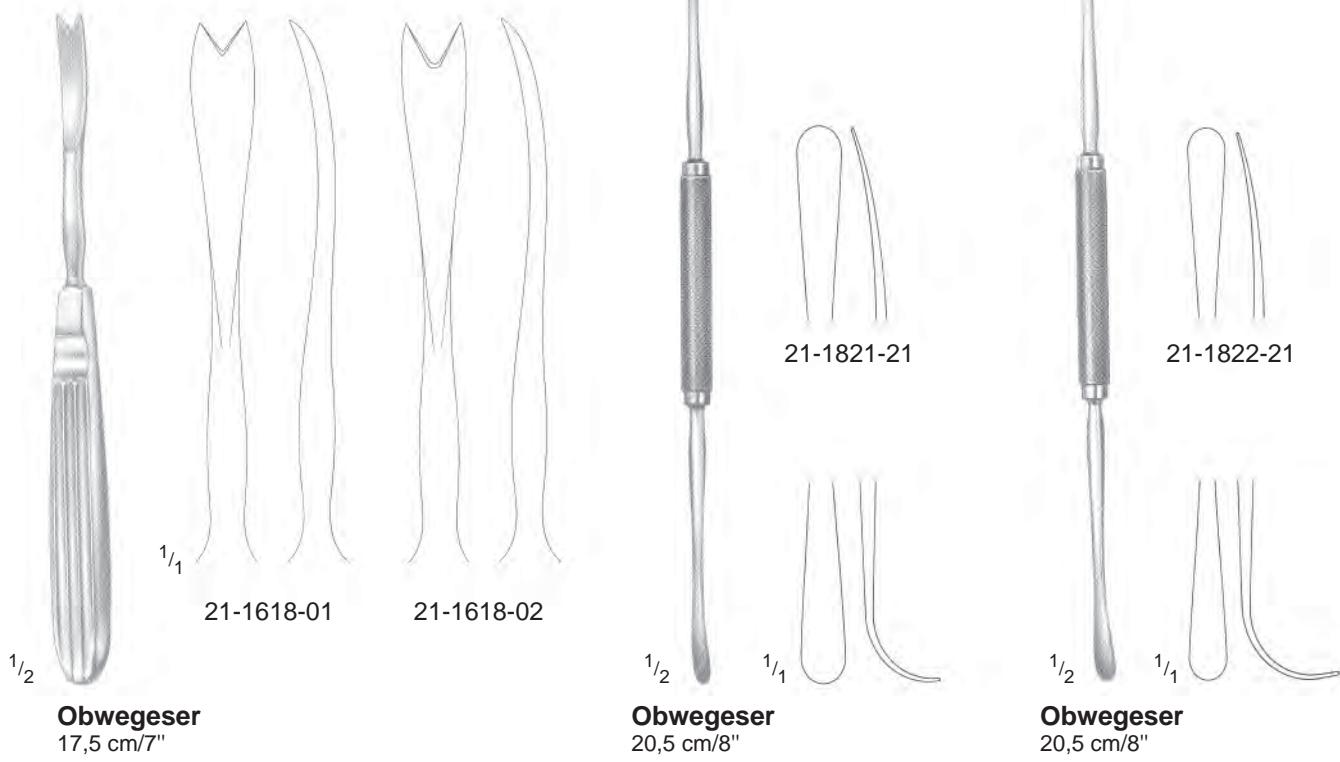
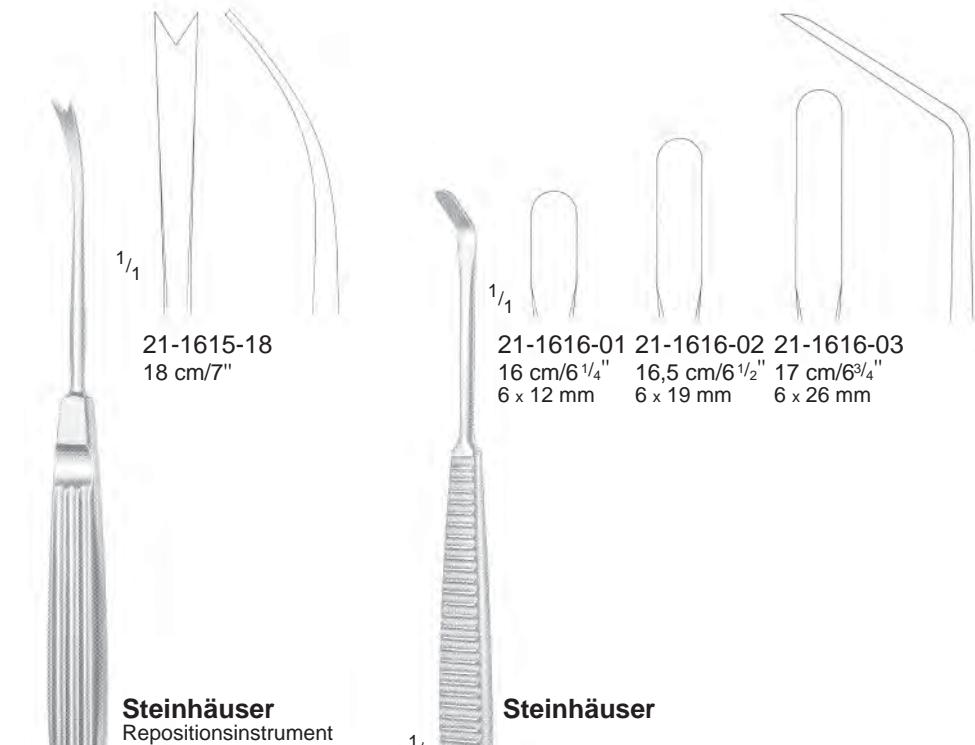
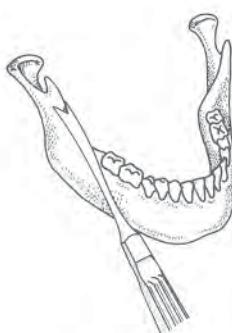
1/1

21-1593-21
21,5 cm/8 1/2"

1/1



پریوس الوبیور فکی
Raspatorien, Elevatorien
Periosteal Elevators, Elevators
Legras, Elevadores
Rugines-raspatoires, Elévateurs



پریوس الوبیتور فکی

Raspatorien

Periosteal Elevators

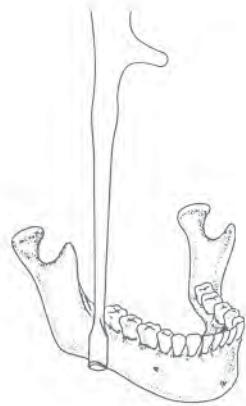
Legras

Rugine-raspatoire



Univer®

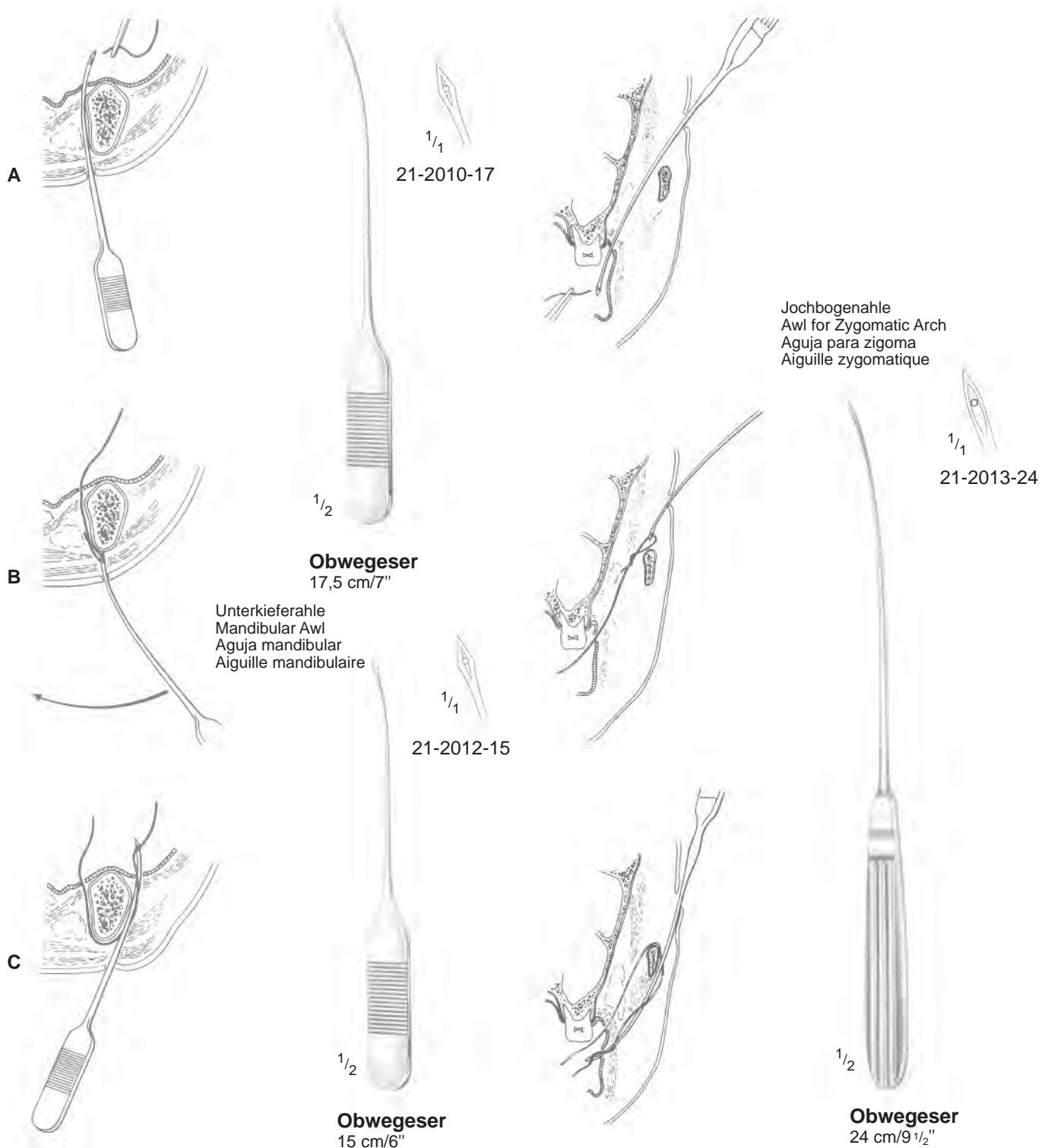
21

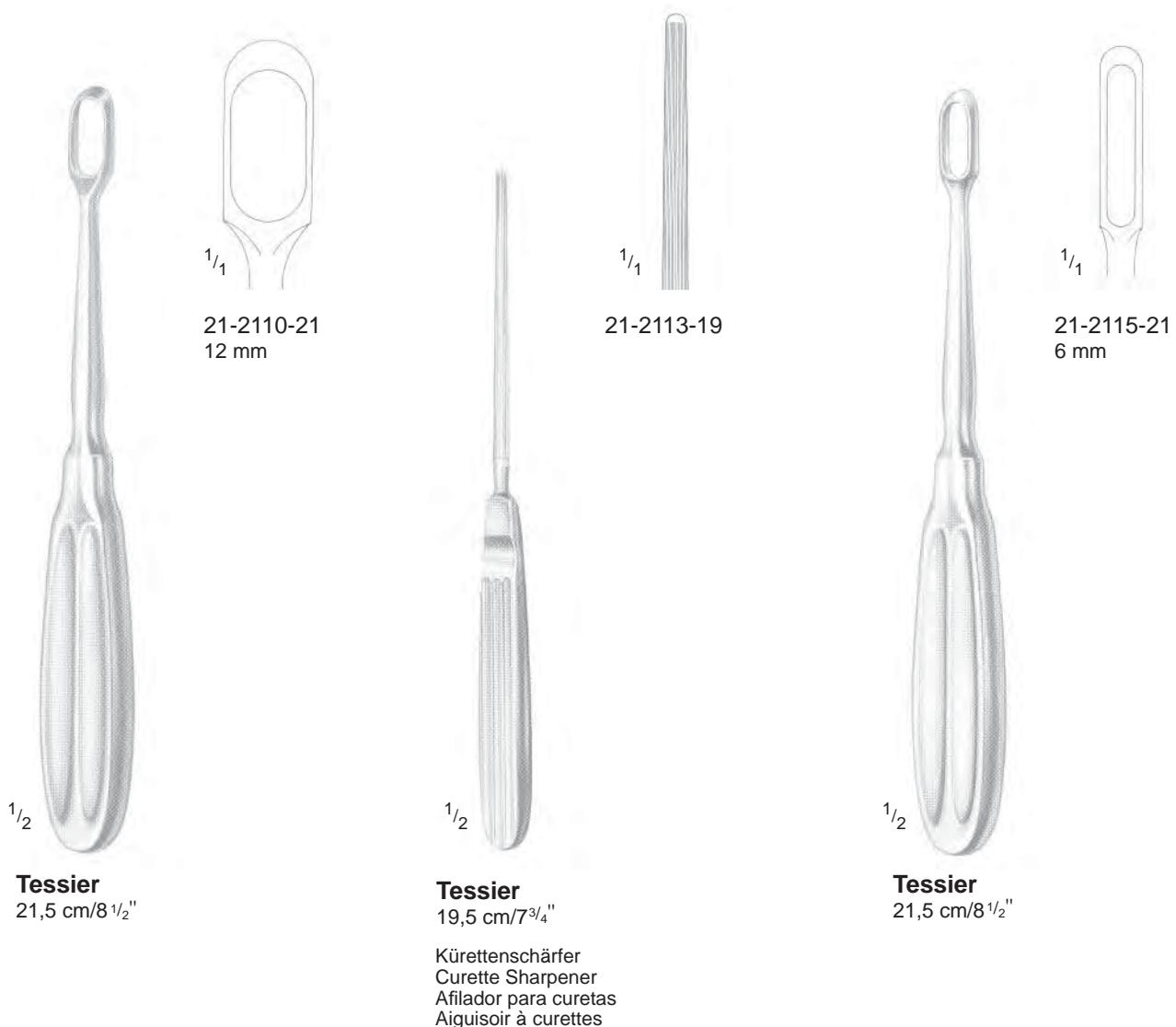




Unterkieferahlen
Maxillary Awls
Leznas maxilares
Alênes maxillaires

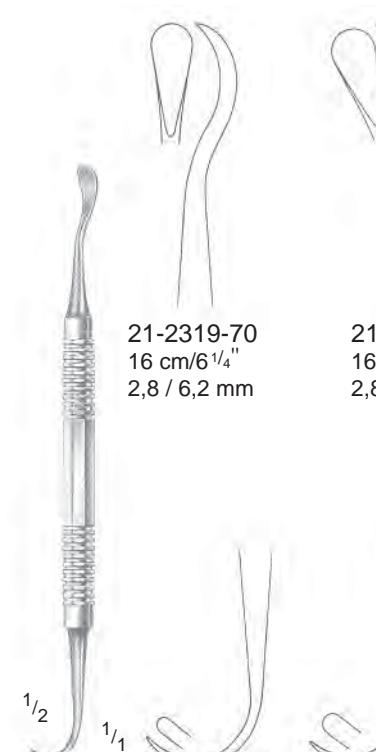
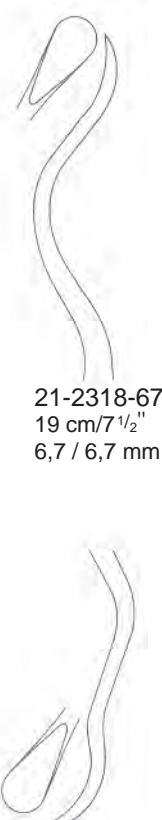
Jochbogenahle
Zygomatic Arch Awl
Lezna para el arco cigomático
Alène pour l'arcade zygomatique

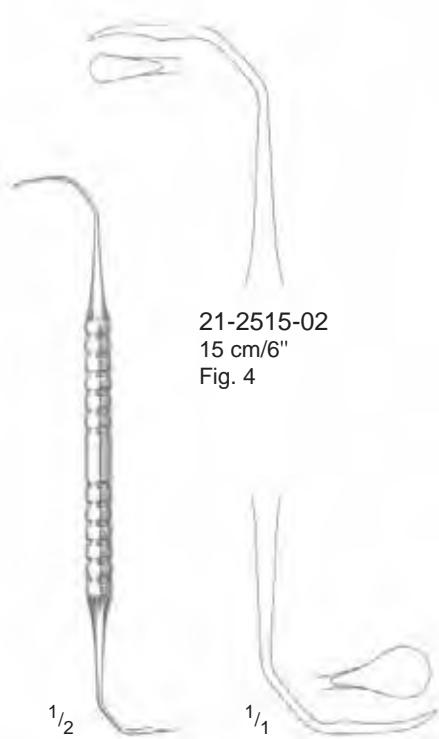
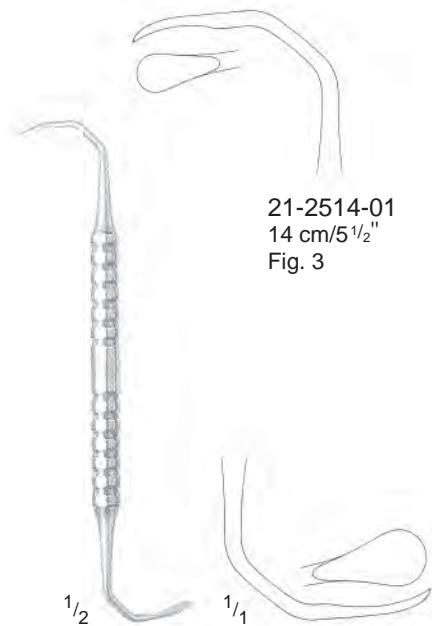
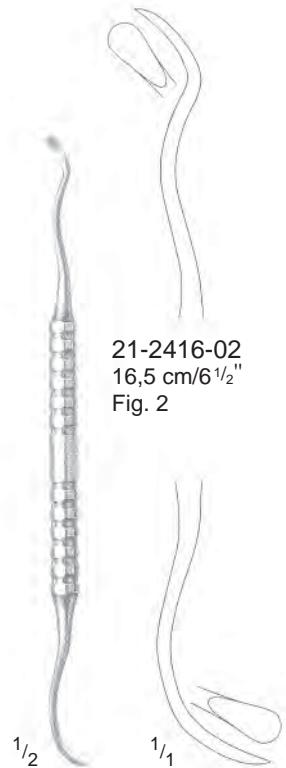






Sinus-Lift-Küretten
Sinus Lift Curettes
Curetas para Sinus-lift
Curettes pour Sinus-lift







اکارتور چانه

Kinnhalter, Progenierinnen

Chin Retractor, Channel Retractors

Gancho de mentón, Separadores mandibulares

Fixe-menton, Ecarteurs mandibulaires

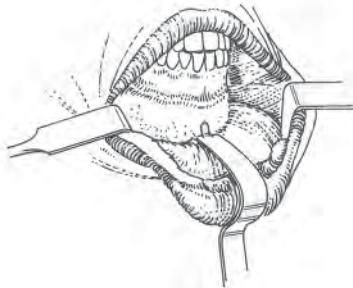
اکارتور لب

Wangenhalter

Cheek Retractors

Separadores para mejilla

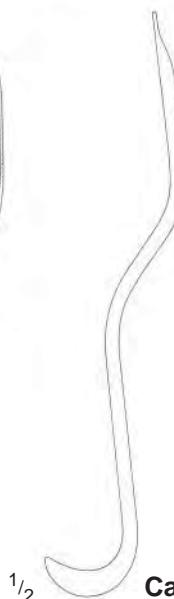
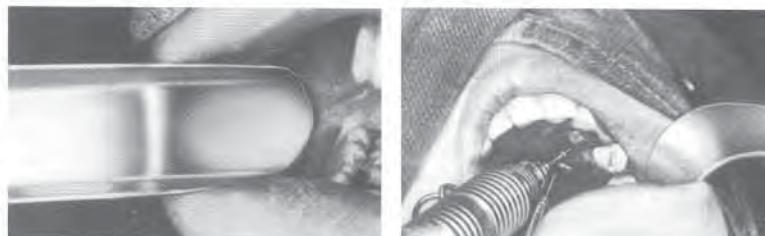
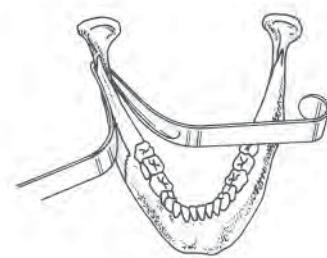
Ecarteurs des joues



Obwegeser
21-2616-15
16,5 cm/6 1/2"



Obwegeser
21-2617-08 17 cm/6 3/4" 8 mm
21-2617-10 17 cm/6 3/4" 10 mm



21-2620-15
15 cm/6"
20 mm

Cawood-Minnesota



21-2621-14
14,5 cm/5 3/4"
gefentstert
fenestrated
fenestrado
fenêtre



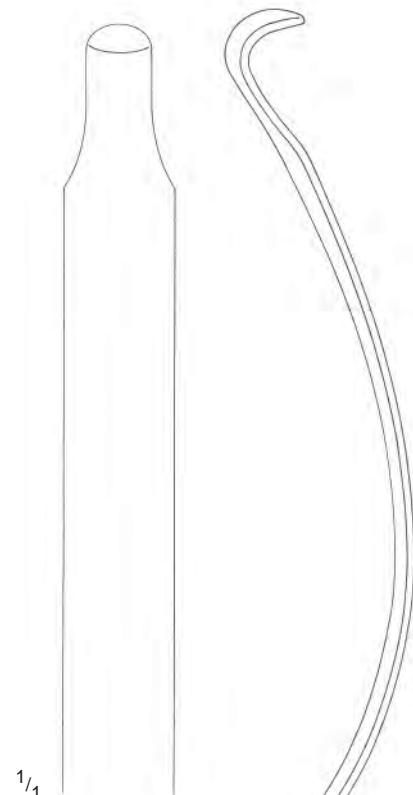
21-2716-22
 22 cm/8 3/4"
 9,5 mm / 16 mm

konkaves Blatt, mit stark
 aufgebogenem Ende
 concave blade, fully bent tip
 hoja concáva, fuertemente
 curva
 lame concave, courbée
 énormément



21-2716-25
 25,5 cm/10"
 9,5 mm / 16 mm

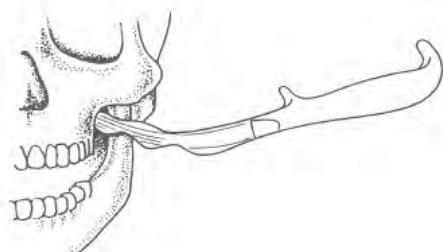
konkaves Blatt, mit stark
 aufgebogenem Ende
 concave blade, fully bent tip
 hoja concáva, fuertemente
 curva
 lame concave, courbée
 énormément



1/1



mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
 • avec connection lumière froide



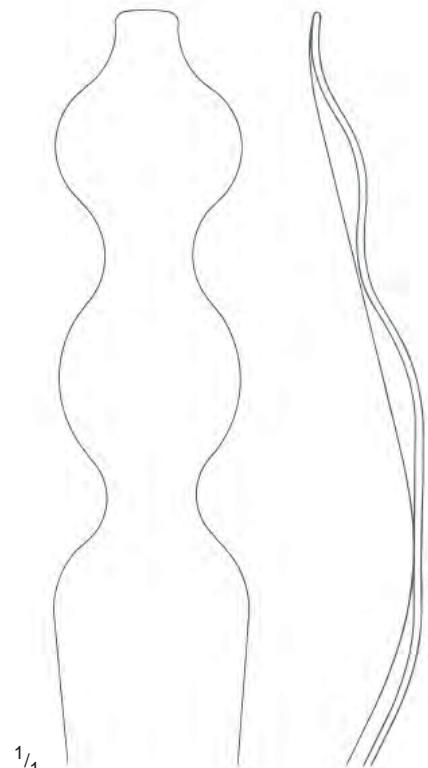
21-2725-23
 23 cm/9"
 25,5 mm

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



1/1



mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
 • avec connection lumière froide

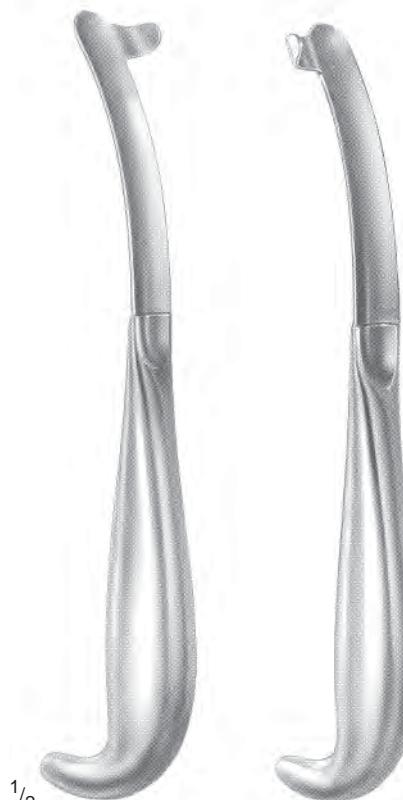
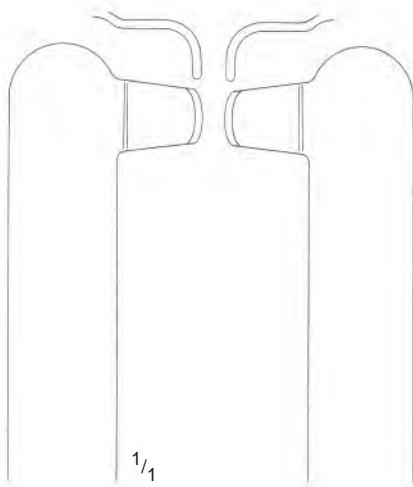
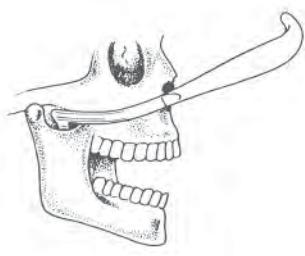
اكارتور داخل دهانى

Intraorale Retraktoren
Intra Oral Retractors
Separadores intra orales
Rétracteurs intra-oraux



Univer®

21



21-2732-21
21 cm/8 1/4"
26,5 / 16 mm
rechts
right
derecho
droite

21-2733-21
21 cm/8 1/4"
26,5 / 16 mm
links
left
izquierdo
gauche



mit Kaltlichtansatz • with fiber optic light carrier • con conexión de luz fría
• avec connection lumière froide



24,5 cm/9 3/4"
26,5 / 16 mm
rechts
right
derecho
droite



24,5 cm/9 3/4"
26,5 / 16 mm
links
left
izquierdo
gauche



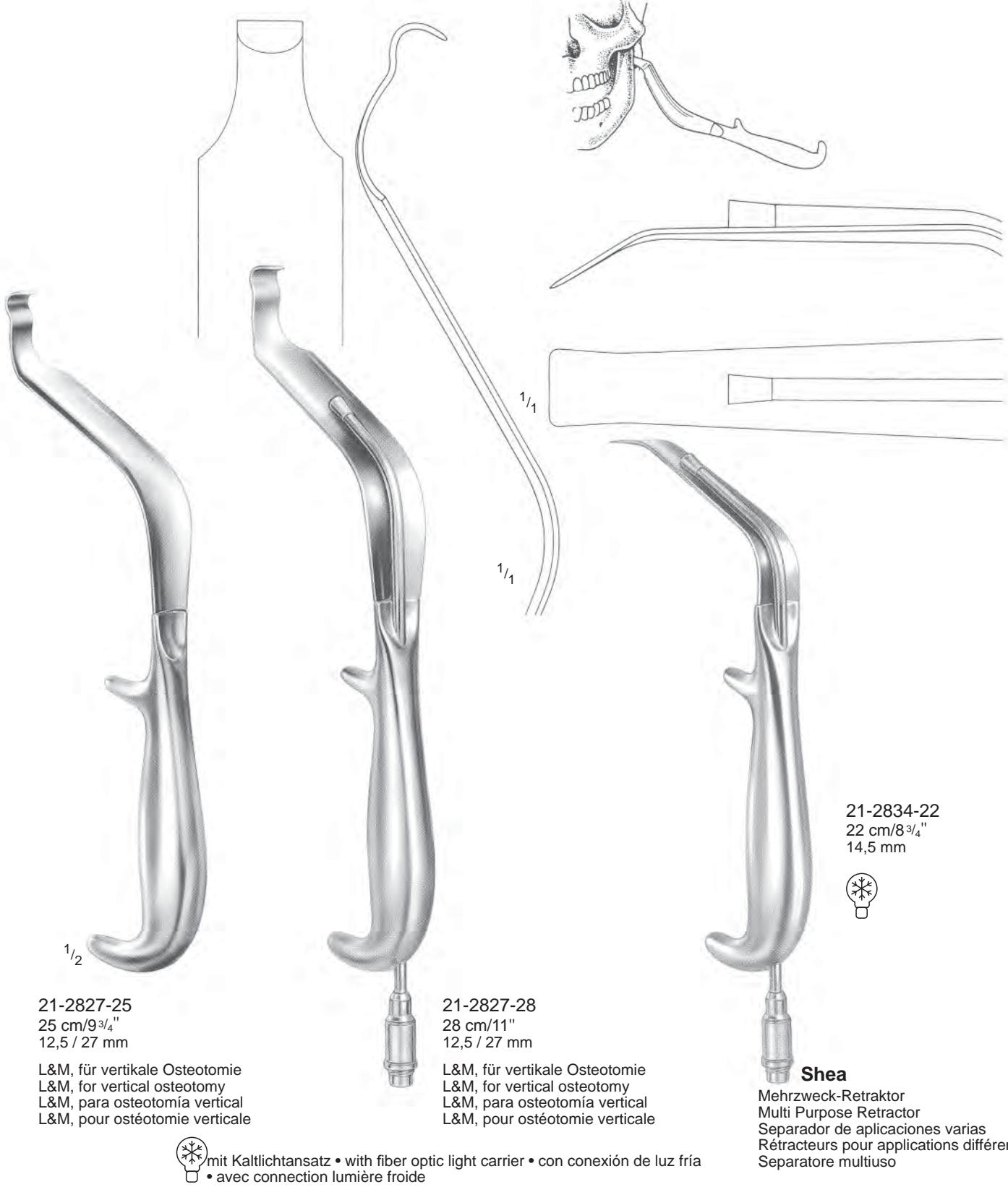
اكارتور داخل دهانى

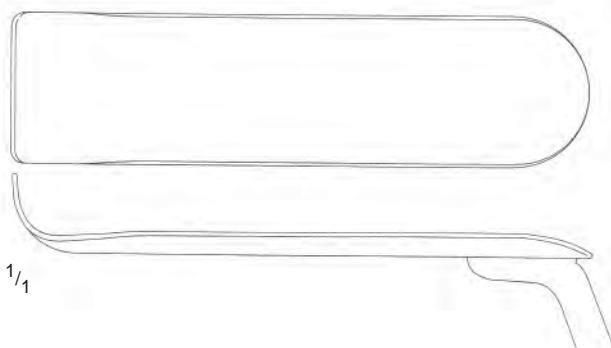
Intraorale Retraktoren

Intra Oral Retractors

Separadores intra orales

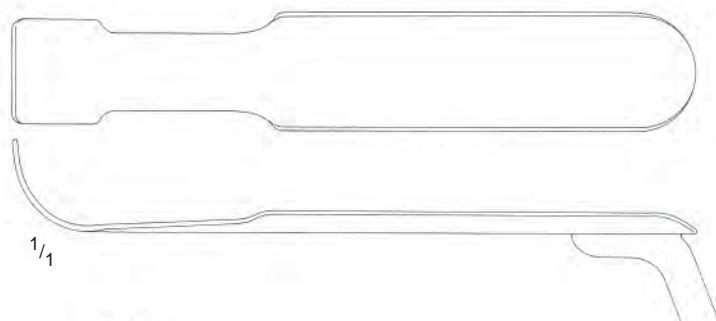
Rétracteurs intra-oraux





1/1

21-3110-15
15 cm/6"



1/1

21-3112-15
15 cm/6"



1/2

Schuchardt



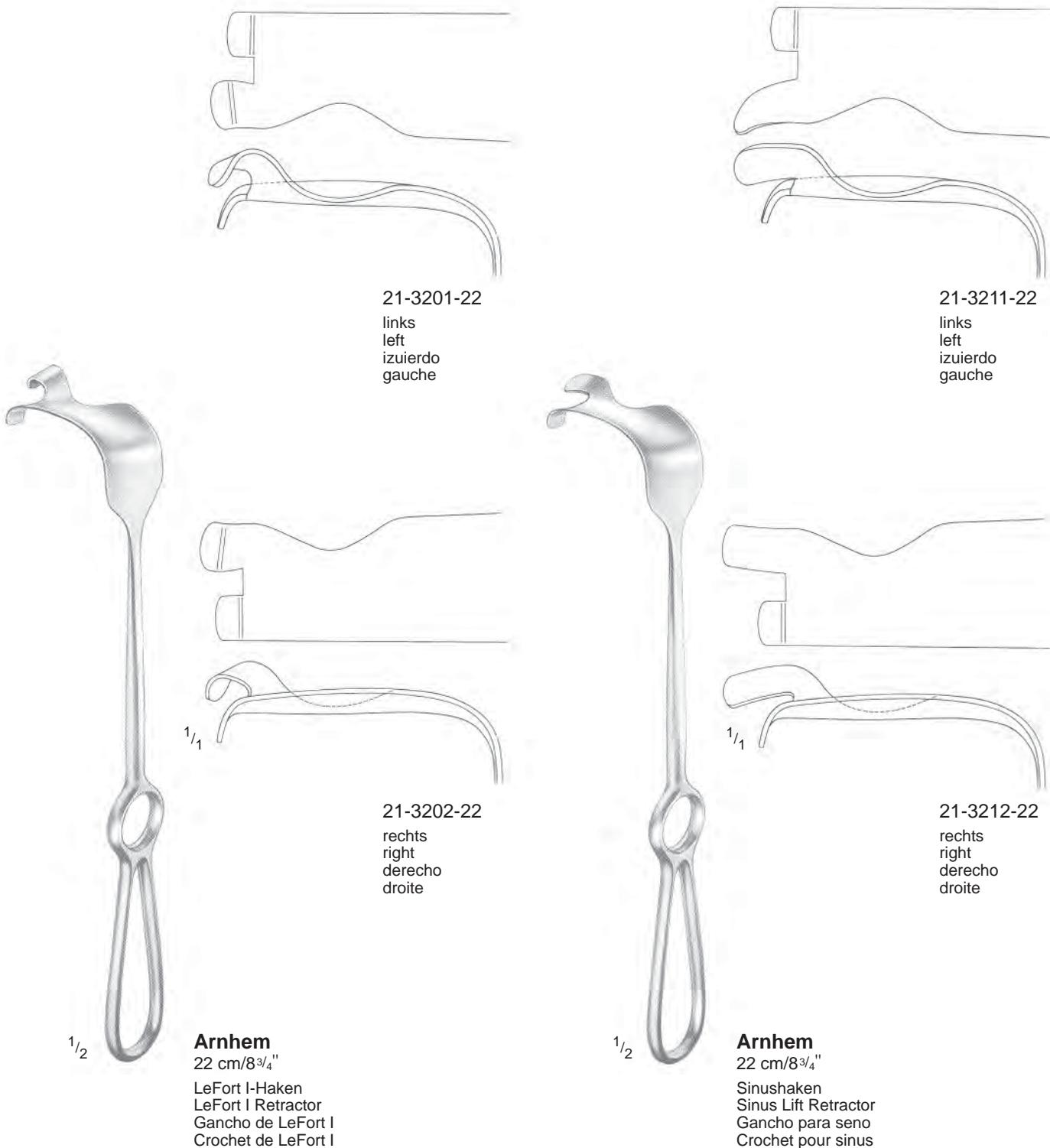
1/2

Metz



Univer®

**LeFort I-Haken, Sinushaken
LeFort I Retractors, Sinus Lift Retractors
Ganchos de LeFort I, Ganchos para seno
Crochets de LeFort I, Crochets pour sinus**



اکارتور راموس فکی

Ramushaken

Ramus Retractors

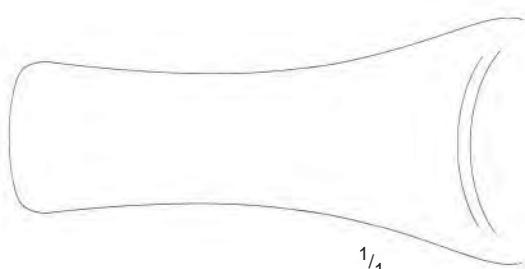
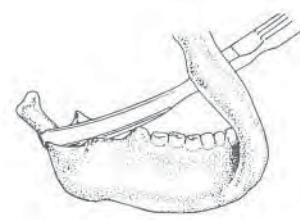
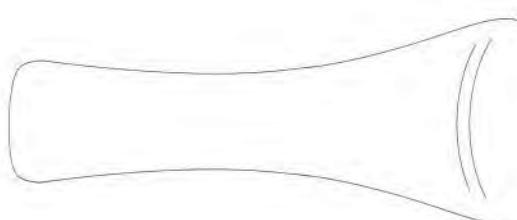
Separadores de rama

Ecarteurs pour ramus



Univer®

21



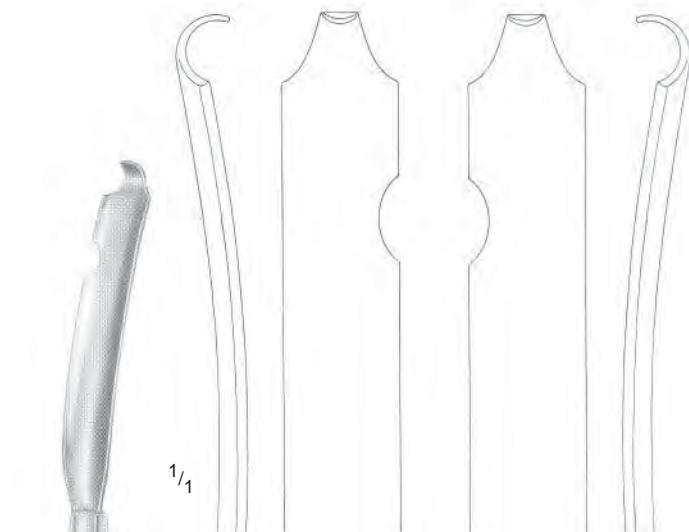
21-3414-16
16 cm/6 1/4"



1/2

Hargis

Lippen- u. Wangenhalter
Lip and Cheek Retractors
Separadores para labios y mejillas
Ecarteurs pour lèvres et joues



21-3420-19
19,5 cm/7 3/4"

rechts
right
derecho
droite

1/2
Hargis

21-3422-19
19,5 cm/7 3/4"

links
left
izquierdo
gauche



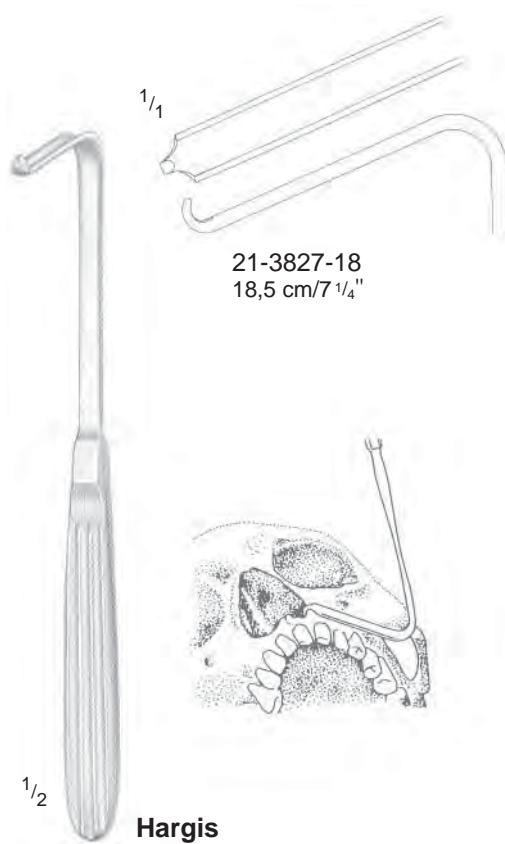
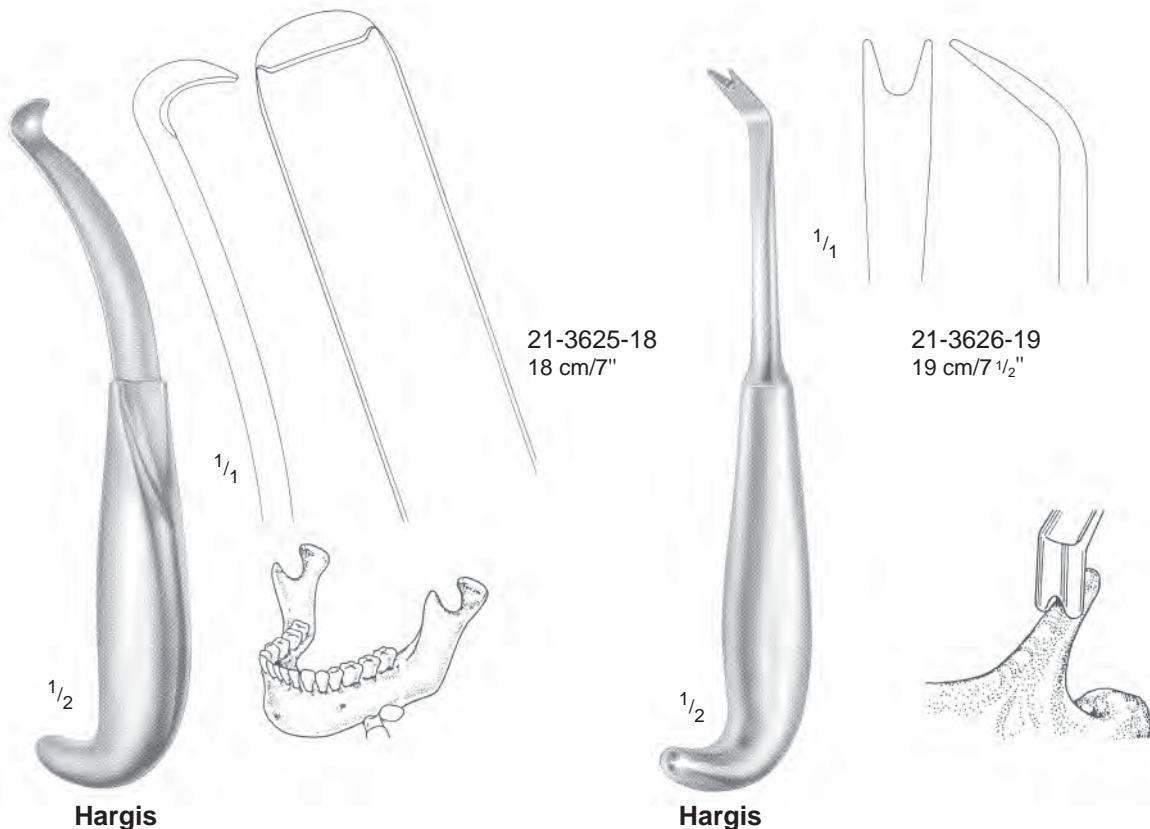
الويتور فكي - اكارتور مانديبولاير

Unterkieferkörperhaken, Vorderrandstripper

Mandibular Body Retractor, Anterior Border Stripper

Separador para el cuerpo mandibular, Separador para el borde anterior

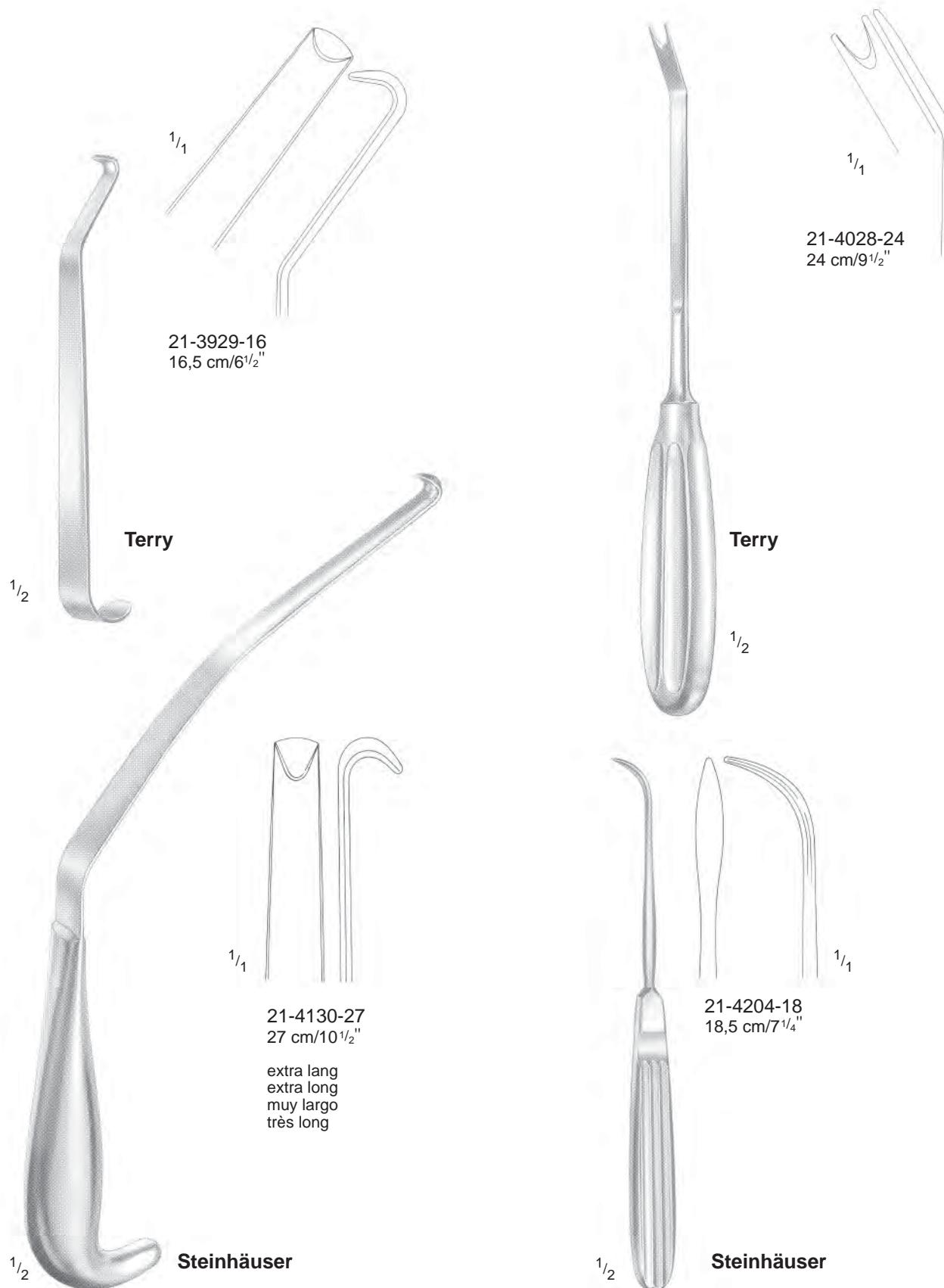
Ecarteur pour corps mandibulaire, Ecarteur pour le bord antérieur





Unterkieferhaken, Ramusschieber
Channel Retractors, Ramus Pusher
Gancho mandibular, Corredera de rama
Crochet mandibulaire, Manipulateur pour ramus

اكارتور الويتور چنل
Unterkieferhaken, Elevatorien
Channel Retractors, Elevators
Separador mandibular, Elevadores
Crochet pour mandibule, Elévateurs





اكارتور و الويتور زايگوماتيك

Zygoma-Elevatorien, Wundhaken

Zygoma Elevators, Retractors

Elevadores cigomáticos, Separadores

Elévateurs zygomatiques, Ecarteurs

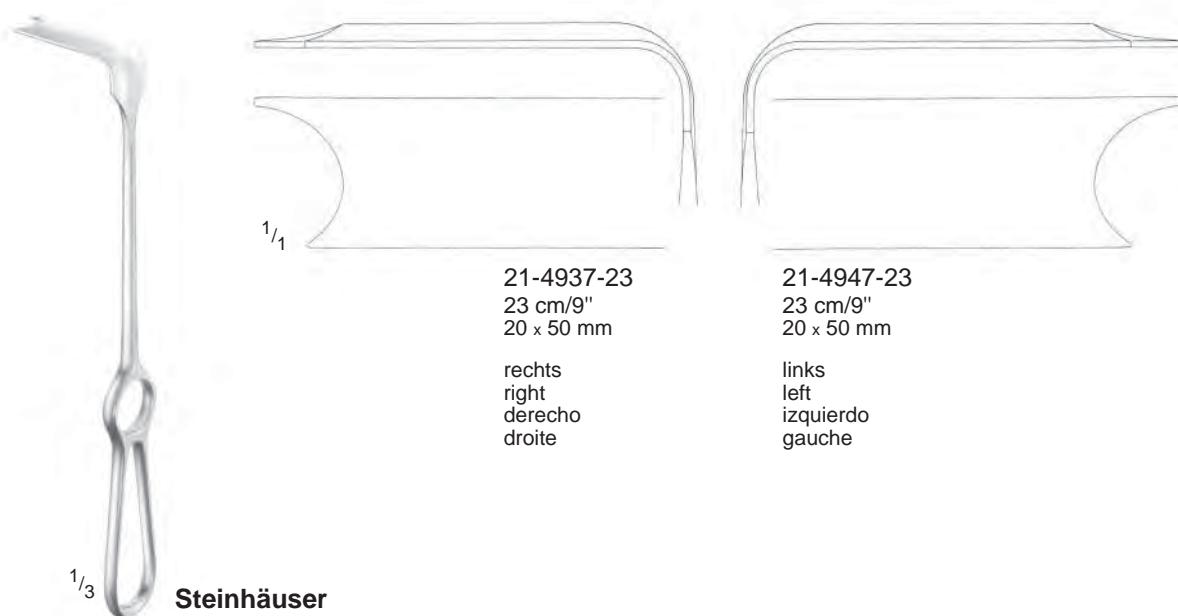
Zygoma-Wundhaken

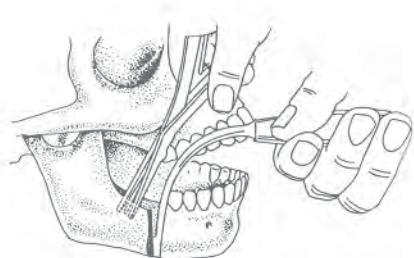
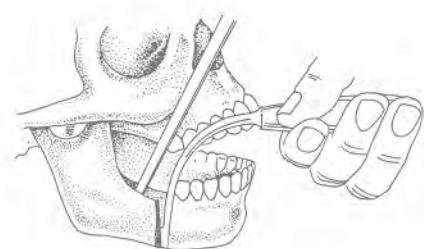
Zygomatic Retractor

Separador cigomático

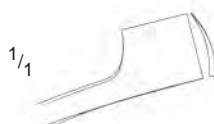
Ecarteur cygomatique

Jochbogenelevatorien Zygoma Elevators
Elevadores para zigoma Elévateurs pour l'arcade zygomatique





Smith



Smith



Smith

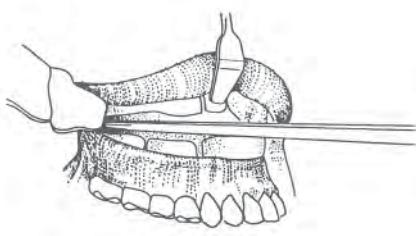
21-5048-18
 18,5 cm 7 $\frac{1}{4}$ "
 9 mm
 rechts
 right
 derecho
 droite

21-5059-18
 18,5 cm 7 $\frac{1}{4}$ "
 9 mm
 links
 left
 izquierdo
 gauche

21-5260-23
 23,5 cm 9 $\frac{1}{4}$ "



استوتوم فكي
Osteotome
Osteotomes
Osteótomas
Ostéotomes



$1/1$
21-5266-20
20,5 cm/8"
6 mm

$1/1$
21-5268-20
20,5 cm/8"
8 mm

$1/1$
21-5476-20
20,5 cm/8"
6 mm

$1/1$
21-5478-20
20,5 cm/8"
8 mm

$1/1$
21-5579-18
17,5 cm/7"
8 mm

$1/2$

Bauer

$1/2$

Bauer

$1/2$

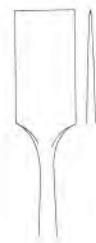
Epker-Bauer



21-5784-16
16,5 cm/6½"
4 mm



21-5786-16
16,5 cm/6½"
6 mm



21-5788-16
16,5 cm/6½"
8 mm



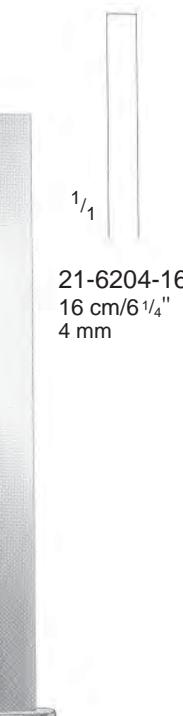
21-5990-17
17 cm/6¾"
6 mm



21-5996-17
17 cm/6¾"
6 mm

Dunn-Dautrey

Dunn-Dautrey



21-6204-16
16 cm/6¼"
4 mm



21-6206-16
16 cm/6¼"
6 mm



21-6208-16
16 cm/6¼"
8 mm



21-6210-16
16 cm/6¼"
10 mm



21-6212-16
16 cm/6¼"
12 mm



21-6214-16
16 cm/6¼"
14 mm



21-6216-16
16 cm/6¼"
16 mm

Dautrey-Munro

استوتوم و رسپ فکی

Raspatorien, Osteotome

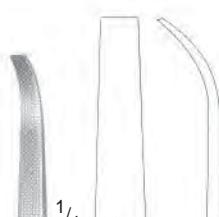
Raspatories, Osteotomes

Legras, Osteótomas

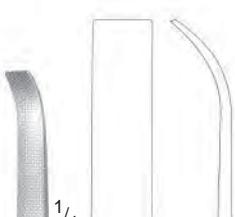
Rugine-raspatoires, Ostéotomes



21-6413-16
16,5 cm/6½"
3 mm



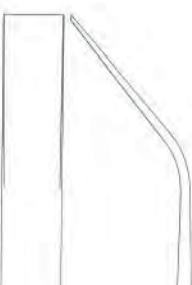
21-6615-18
18 cm/7"
5 mm



21-6818-18
18 cm/7"
8 mm



21-7016-23
23 cm/9"
6 mm



21-7018-23
23 cm/9"
8 mm



Steinhäuser



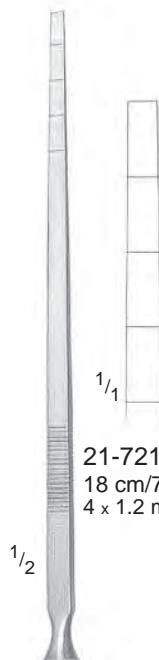
Steinhäuser



Steinhäuser



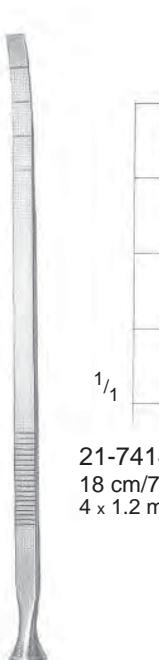
Wolford



21-7214-18
18 cm/7"
4 x 1.2 mm

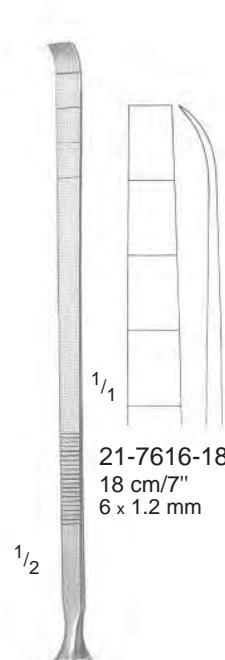
21-7216-18
18 cm/7"
6 x 1.2 mm

21-7218-18
18 cm/7"
8 x 1.2 mm



21-7414-18
18 cm/7"
4 x 1.2 mm

20-7416-18
18 cm/7"
6 x 1.2 mm



21-7616-18
18 cm/7"
6 x 1.2 mm

21-7618-18
18 cm/7"
8 x 1.2 mm

Epker

Epker

Epker

Pterygoideus-Osteotom
Pterygoid Osteotome
Osteótomo pterigoideo
Ostéotome ptérygoïde

Ramusosteotome, Meißel
Ramus Osteotomes, Chisels
Osteótomas de rama, Cinceles
Ostéotome pour ramus, Ciseaux-burins



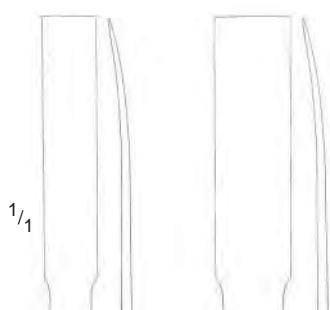
Univer®

21



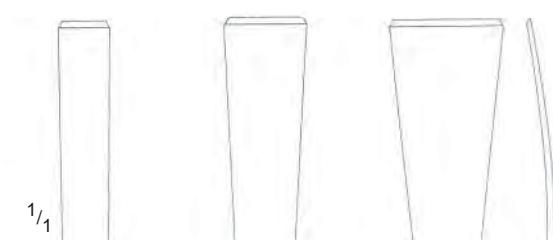
21-7805-22
22 cm/8 3/4"

1/2 Hargis



21-7907-17
17 cm/6 3/4"
7 mm

21-7910-17
17 cm/6 3/4"
10 mm



21-8207-19
19 cm/7 1/2"
7 mm

21-8211-19
19 cm/7 1/2"
11 mm

21-8215-19
19 cm/7 1/2"
15 mm

Steinhäuser

flexibel
flexible
flexible
flexible

1/2

Steinhäuser

flexibel
flexible
flexible
flexible

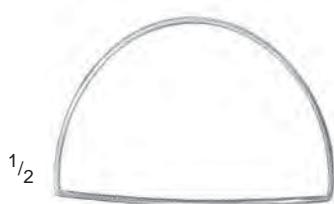
1/2



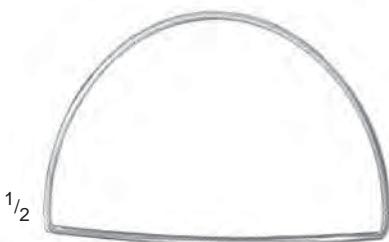
**Schablonen
Templates
Plantillas
Gabarits**

استخوان گیر

**Knochen haltezangen
Bone Holding Forceps
Pinzas para huesos
Pinces pour os**



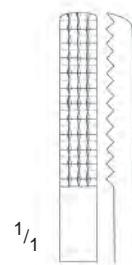
Marchac
21-8356-16
Frontschablonen
Frontal Templates
Plantillas frontales
Gabarit frontal
für Kleinkinder
for infants
para bebés
pour bébés



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



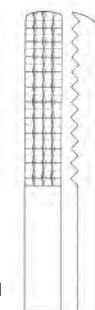
Marchac
21-8360-16
16 cm/6 1/4"
Supraorbital-Schablone
Supraorbital Template
Plantilla supraorbital
Gabrit supra-orbital
1,9 mm Ø



21-8362-16
5 mm



Tessier
16,5 cm/6 1/2"



21-8362-18
5 mm



Tessier
18 cm/7"

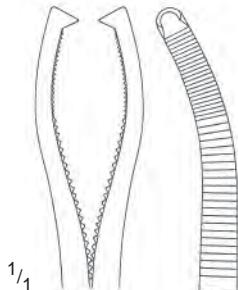
پنس استخوانگیر

Knochen haltezangen
Bone Holding Forceps
Pinzas para huesos
Pinces pour os



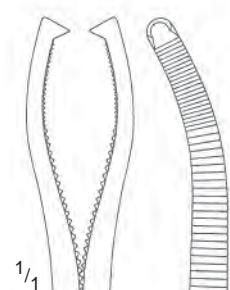
Univer®

21



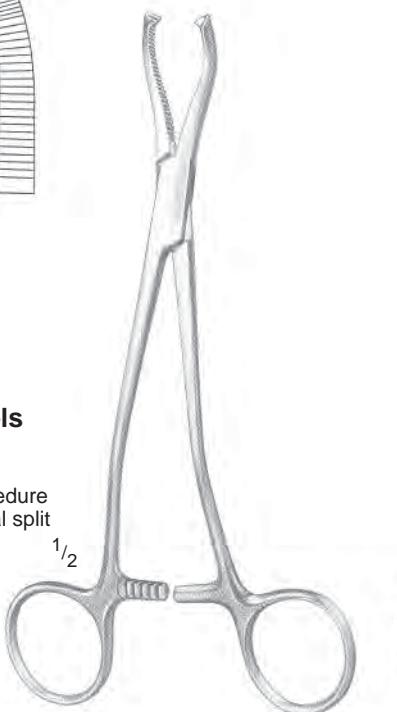
21-8416-18

leichtes Modell
light pattern
modelo ligero
modèle léger



21-8417-18

kräftiges Modell
heavy pattern
modelo fuerte
modèle fort



Jeter-Van Sickels

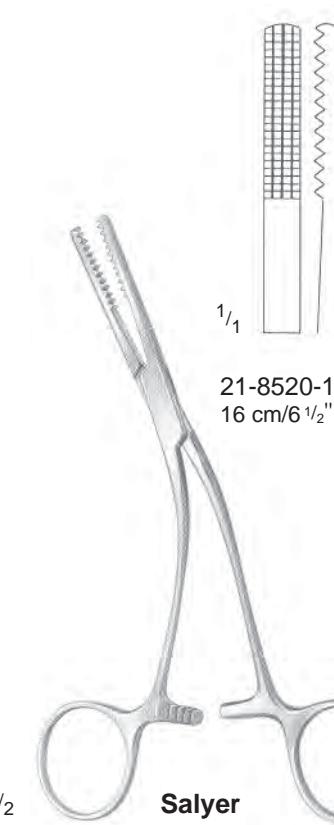
18 cm/7"

für sagittalen Split
for sagittal split procedure
para uso en el sagital split
pour fente sagittale

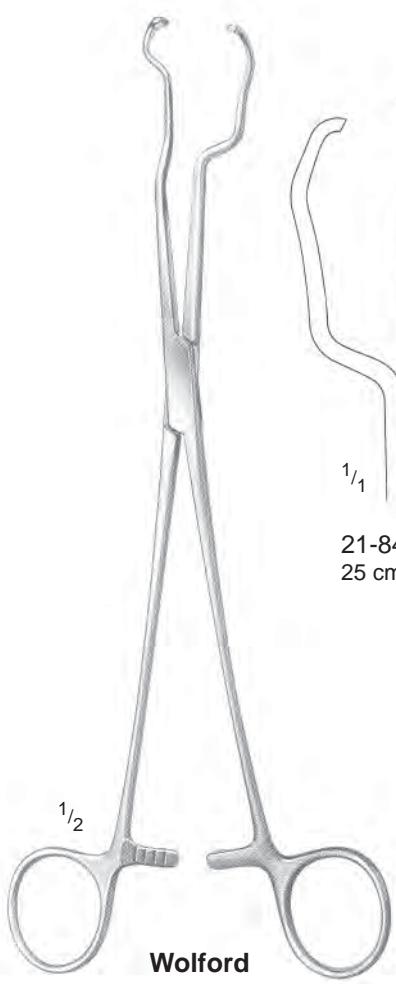
Jeter-Van Sickels

18 cm/7"

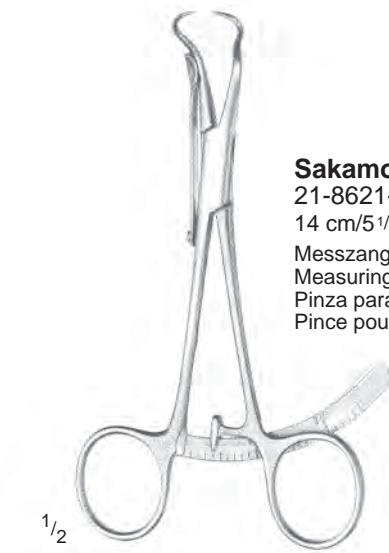
für sagittalen Split
for sagittal split procedure
para uso en el sagital split
pour fente sagittale



21-8520-16
16 cm/6 1/2"



21-8419-25
25 cm/10"



Sakamoto

21-8621-14

14 cm/5 1/2"

Messzange
Measuring Forceps
Pinza para medir
Pince pour mesurer



Univer®

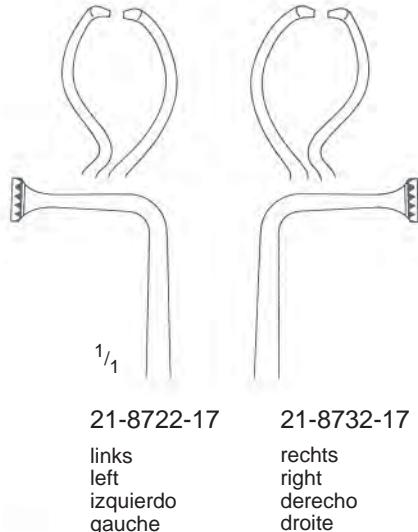
پنس استخوانگیر

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Pinces pour os

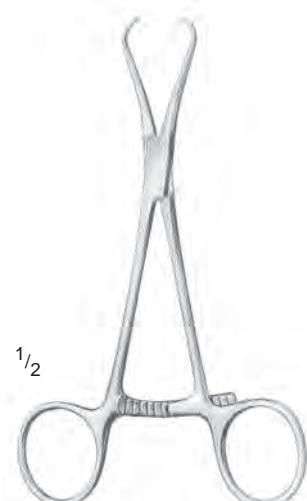
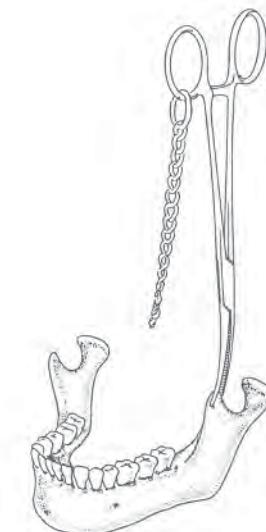
Knochenfassklemme
Bone Holding Forceps
Pinza para coger huesos
Pince pour saisir os



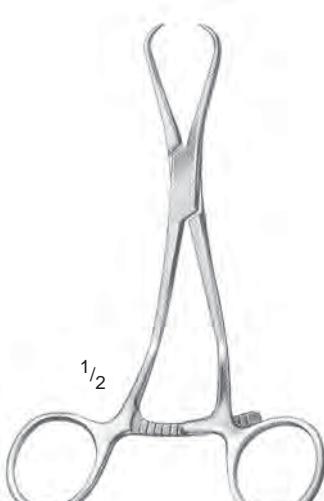
Keen
17,5 cm/6^{3/4}"



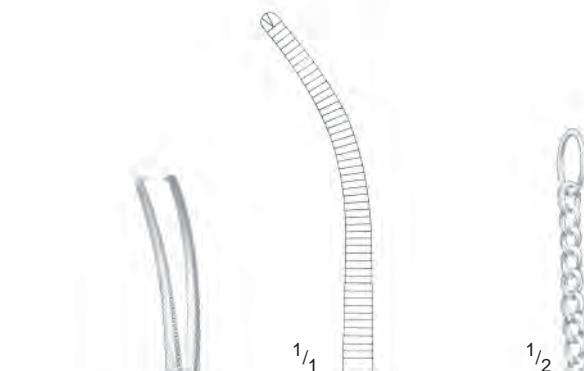
21-8722-17 21-8732-17
links
left
izquierdo
gauche
rechts
right
derecho
droite



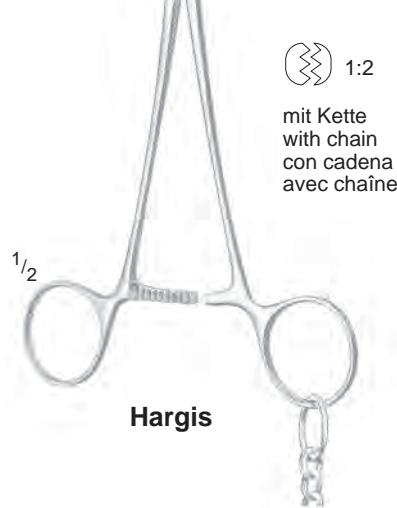
Steinhäuser
21-8833-13
13 cm/5"



Steinhäuser
21-8934-13
13 cm/5"



Hergis
21-8940-19
19 cm/7^{1/2}"



Hargis
1:2
mit Kette
with chain
con cadena
avec chaîne

Kette, allein
Retractor Chain, only
Cadena, suelta
Chaîne, seule

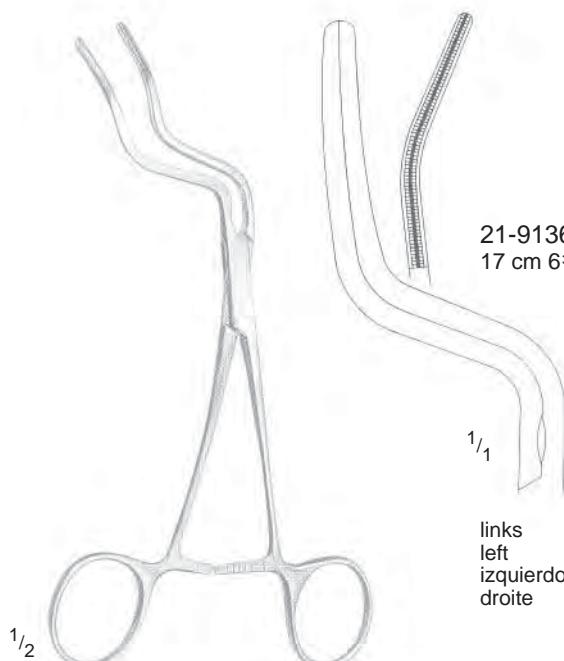
→ 21-8937-19

Mylohyoideusklemmen
Mylohyoid Muscle Clamps
Pinzas para el músculo milohioideo
Clamp mylohyoidal

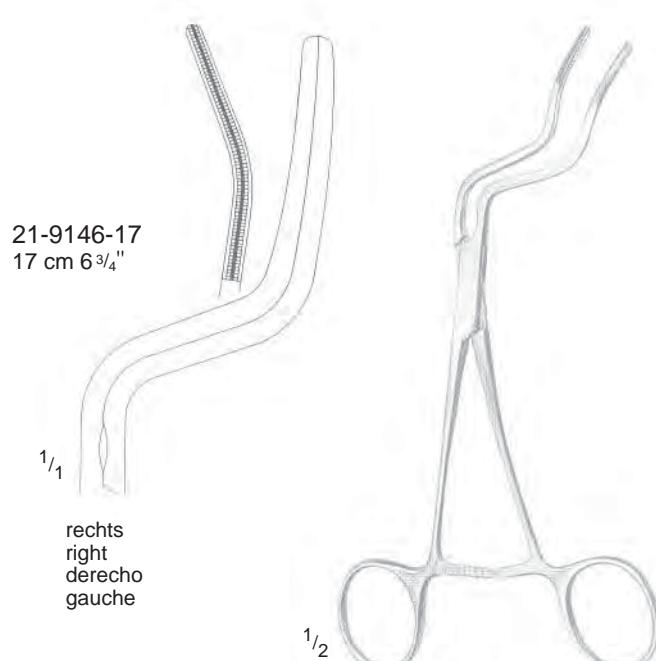
Ramusklemmen
Ramus Clamps
Pinzas de rama
Clamps pour ramus



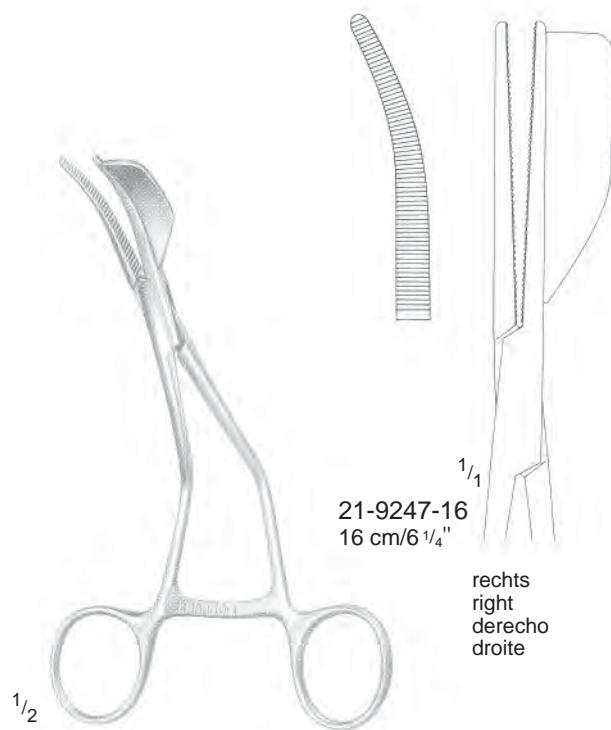
21



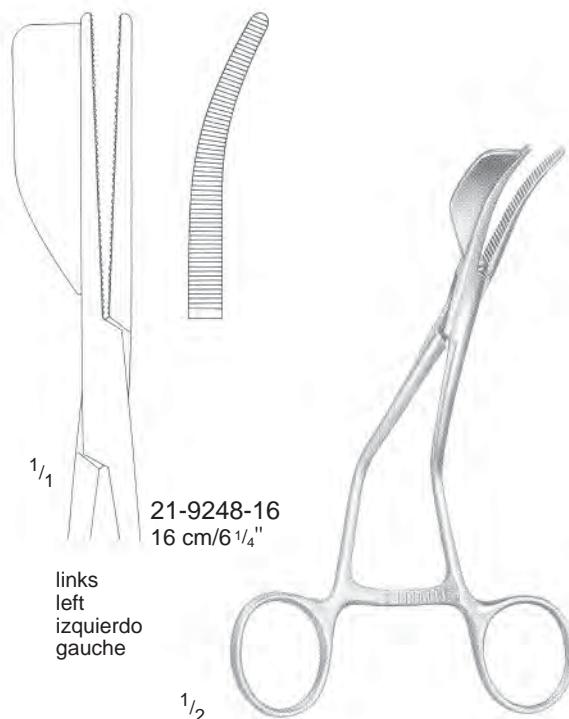
Terry



Terry



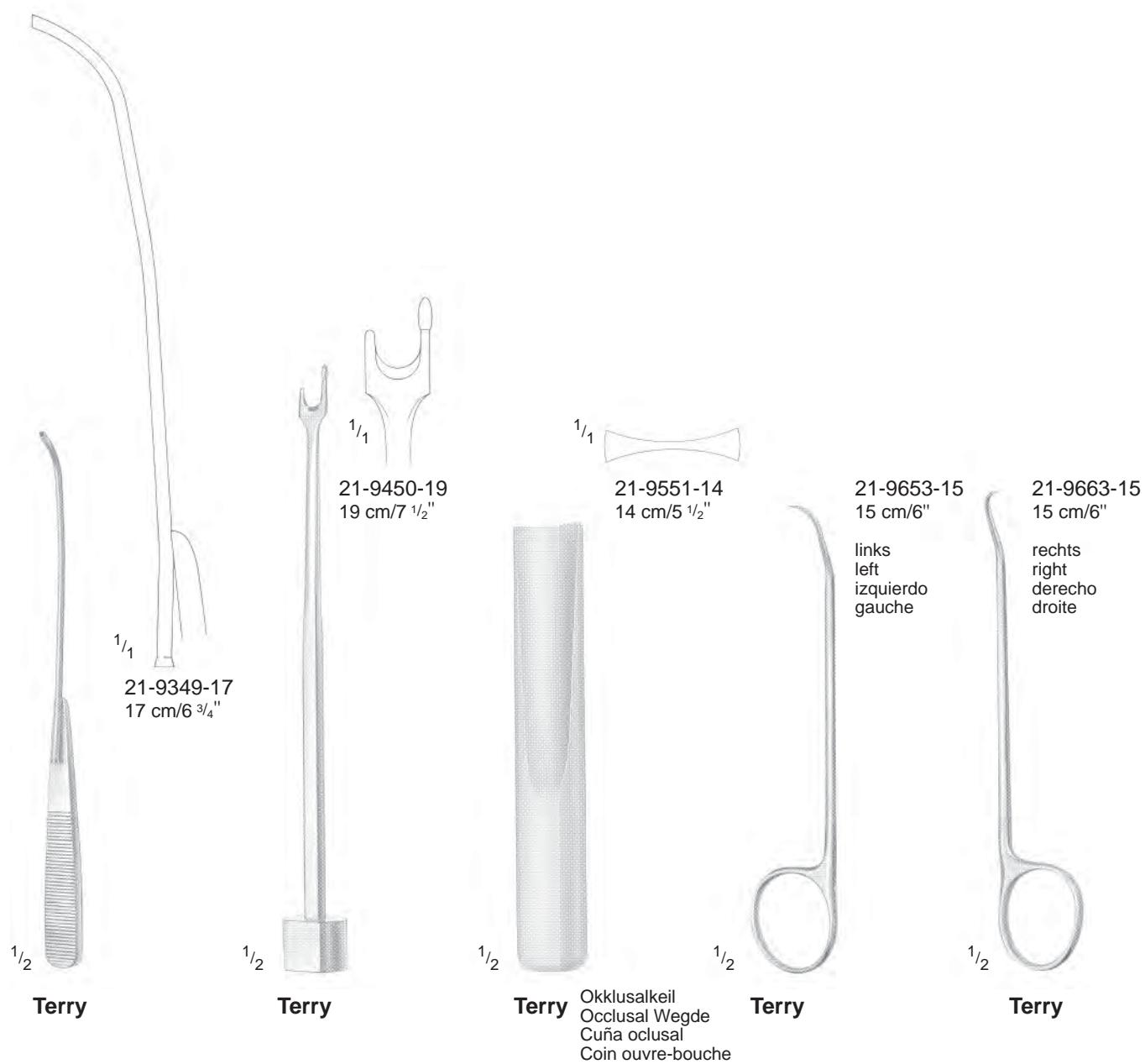
Steinhäuser



Steinhäuser



Drahteführinstrument, Septumosteotom, Ductushaken
 Wire Introducer, Septal Osteotome, Duct Retractors
 Introductor de alambre, Osteótomo nasal, Ganchos para el conducto salivar
 Introduceur pour fil, Ostéotome nasale, Crochet pour canal salivaire



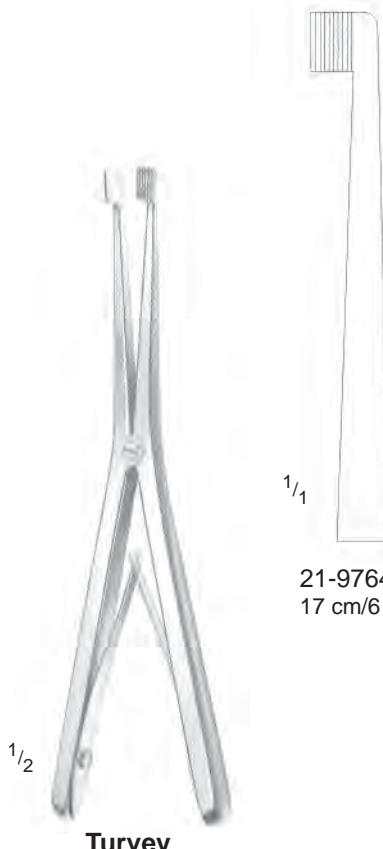
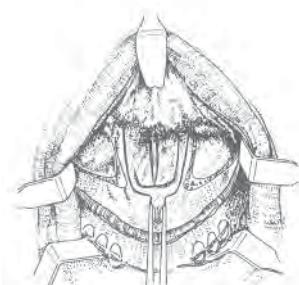
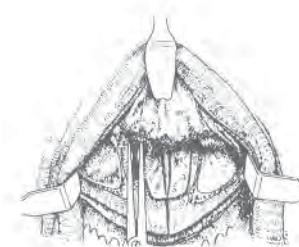
Palatumspreizer
Palatal Expander
Separador paladial
Ecarteur pour ostéotomie palatine

Drahtpositionierer, Drahtbogen
Wire Pushers, Arch Bar
Empujadores de alambres, Arco de alambre
Outil de positionnement, Arc de fil



Univer®

21



21-9764-17
17 cm/6 3/4"

1/2
Turvey



21-9865-17
17 cm/6 3/4"



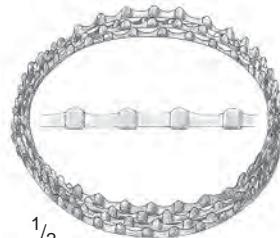
21-9966-15
15 cm/6"



21-9968-15
15 cm/6"



1/2
Mershon



1/2
Erich
21-9970-00



22-A



Univer®

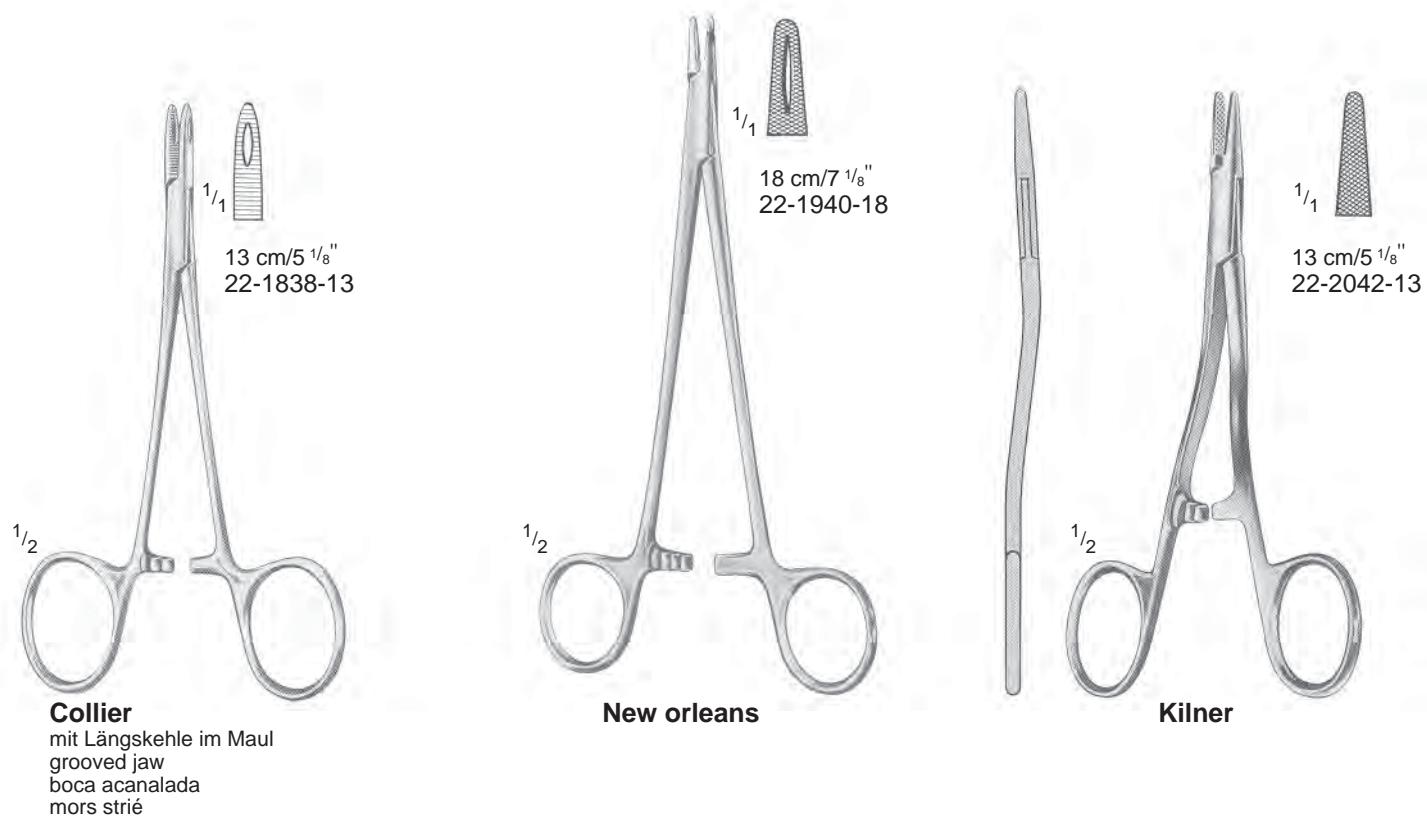
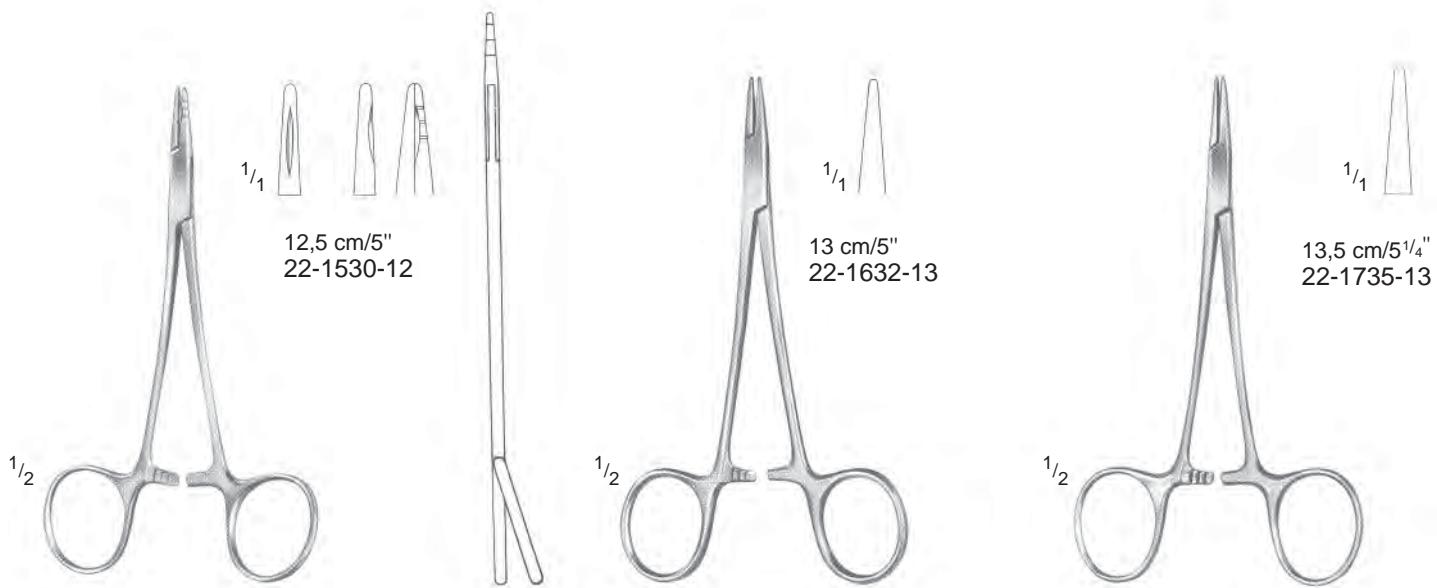
انواع سوز نگیر

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles

Univer - Made in IRAN



أنواع سوزنگیر
Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles





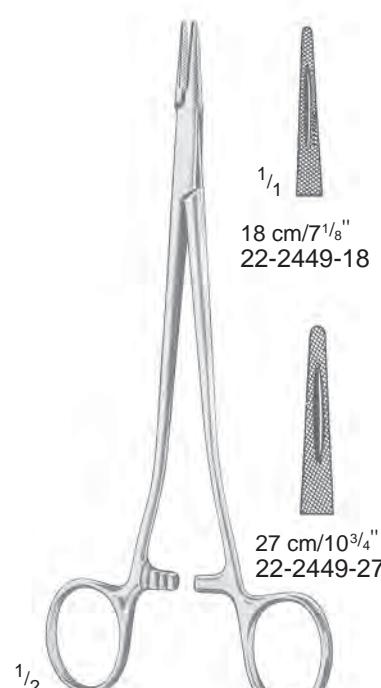
Adson

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



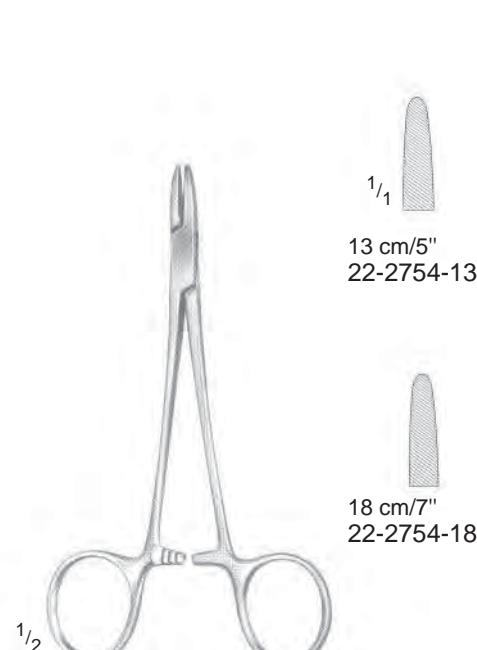
M. G. Hospital

kräftiges Modell
heavy pattern
modelo fuerte
modèle fort



Crile-Murray

schlankes Modell
slender pattern
modelo delgado
modèle gracile



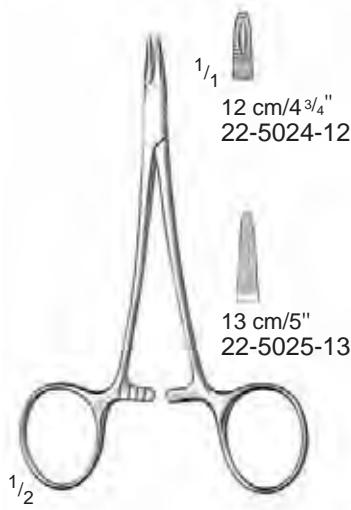
Brown

kräftiges Modell
heavy pattern
modelo fuerte
modèle fort

Maul diagonal gerieft
diagonally serrated jaw
boca estriada transversalmente
mors strié transversalement



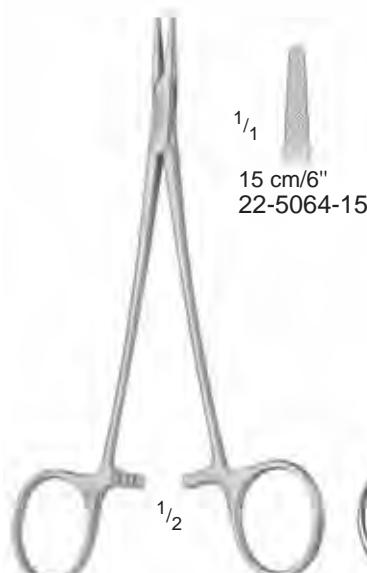
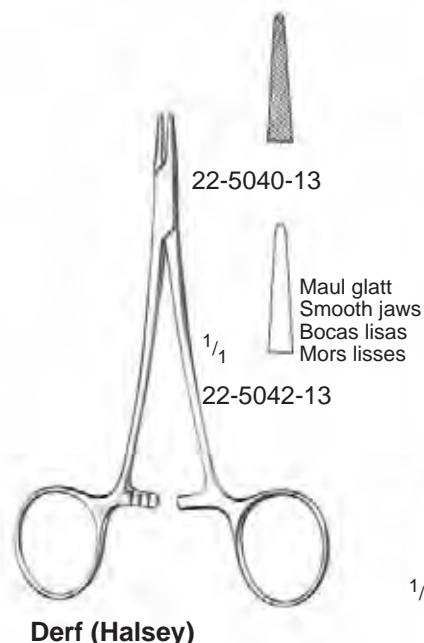
انواع سوزنگیر
Nadelhalter
Needle Holders
Porta agujas
Porte aiguilles



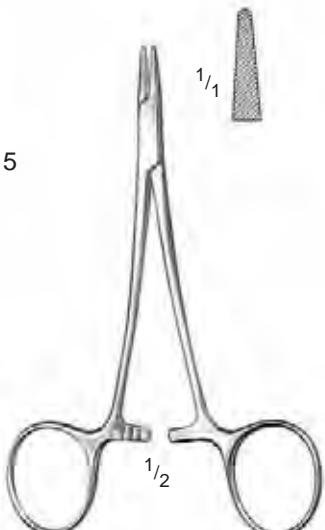
ein Maulteil
gefenstert
one fenestrated jaw
un lado de la boca
fenestrada
un côté de mors
fenêtré

längsgeriefetes Maul
jaw with longitudinal serration
boca con estrías
longitudinales
mors avec rainures
longitudinales

1/2



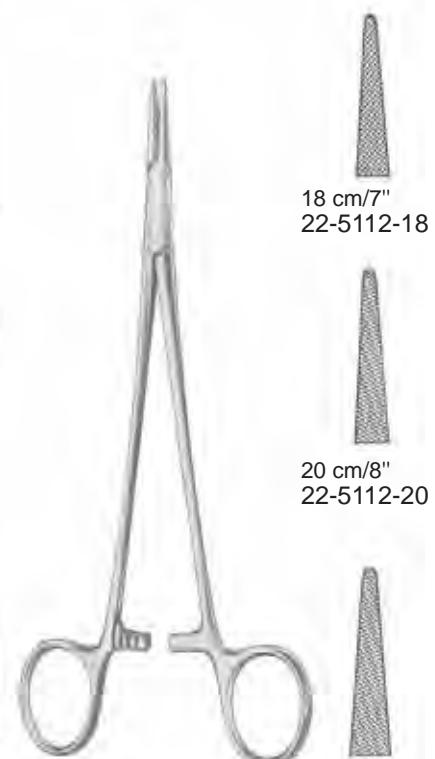
1/1
15 cm/6"
22-5064-15



1/1
14,5 cm/5 3/4"
22-5100-13



1/1
15 cm/6" 22-5102-15
1/1
20 cm/8" 22-5102-20



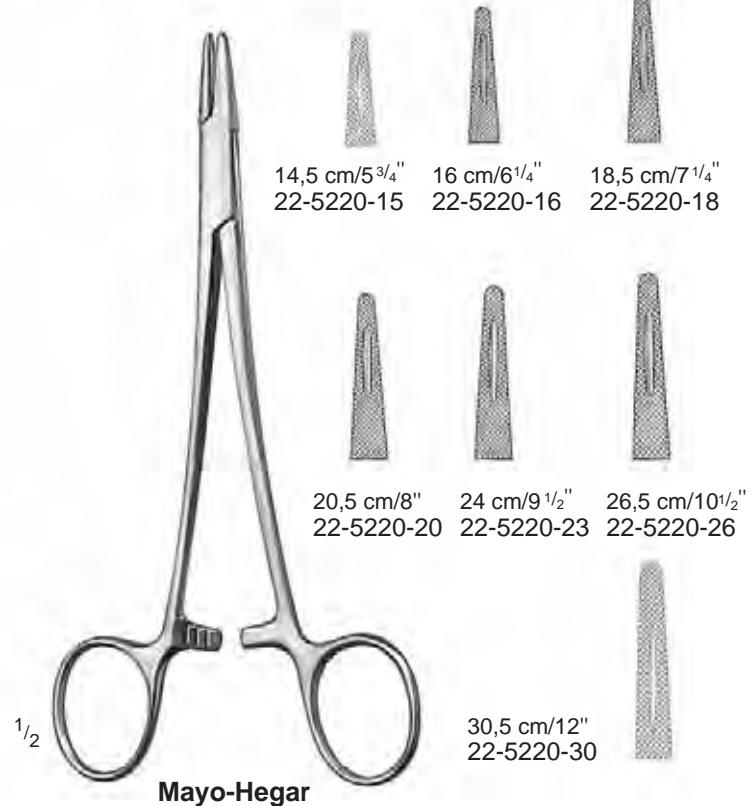
1/1
18 cm/7"
22-5112-18

1/1
20 cm/8"
22-5112-20

1/1
23 cm/9"
22-5112-23

أنواع سوزنگیر
Nadelhalter
Needle Holders
Porta agujas
Porte aiguilles

Univer® 22 A

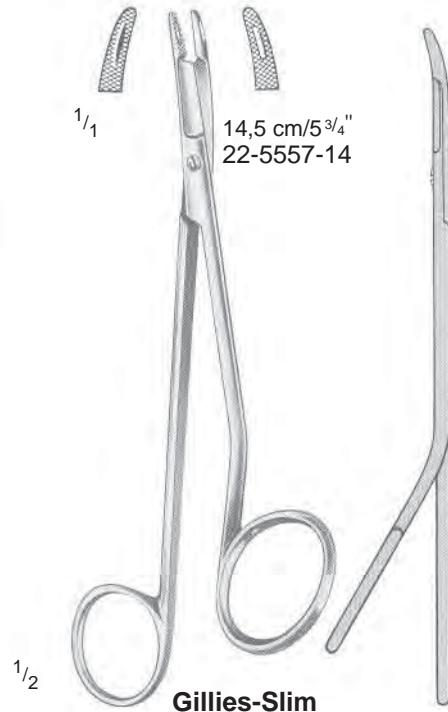




أنواع سوزنگیر
Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles

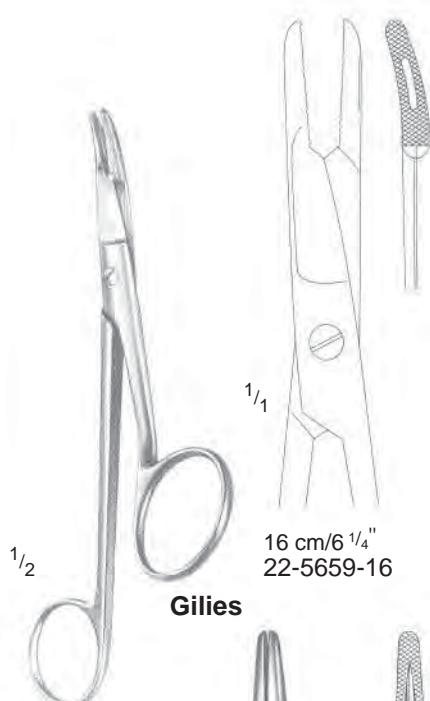


Olsen-Hegar
19 cm/7 1/2"
22-5453-19



Gillies-Slim

$1\frac{1}{2}$
14,5 cm/5 3/4"
22-5557-14



Gillies

$1\frac{1}{2}$
16 cm/6 1/4"
22-5659-16



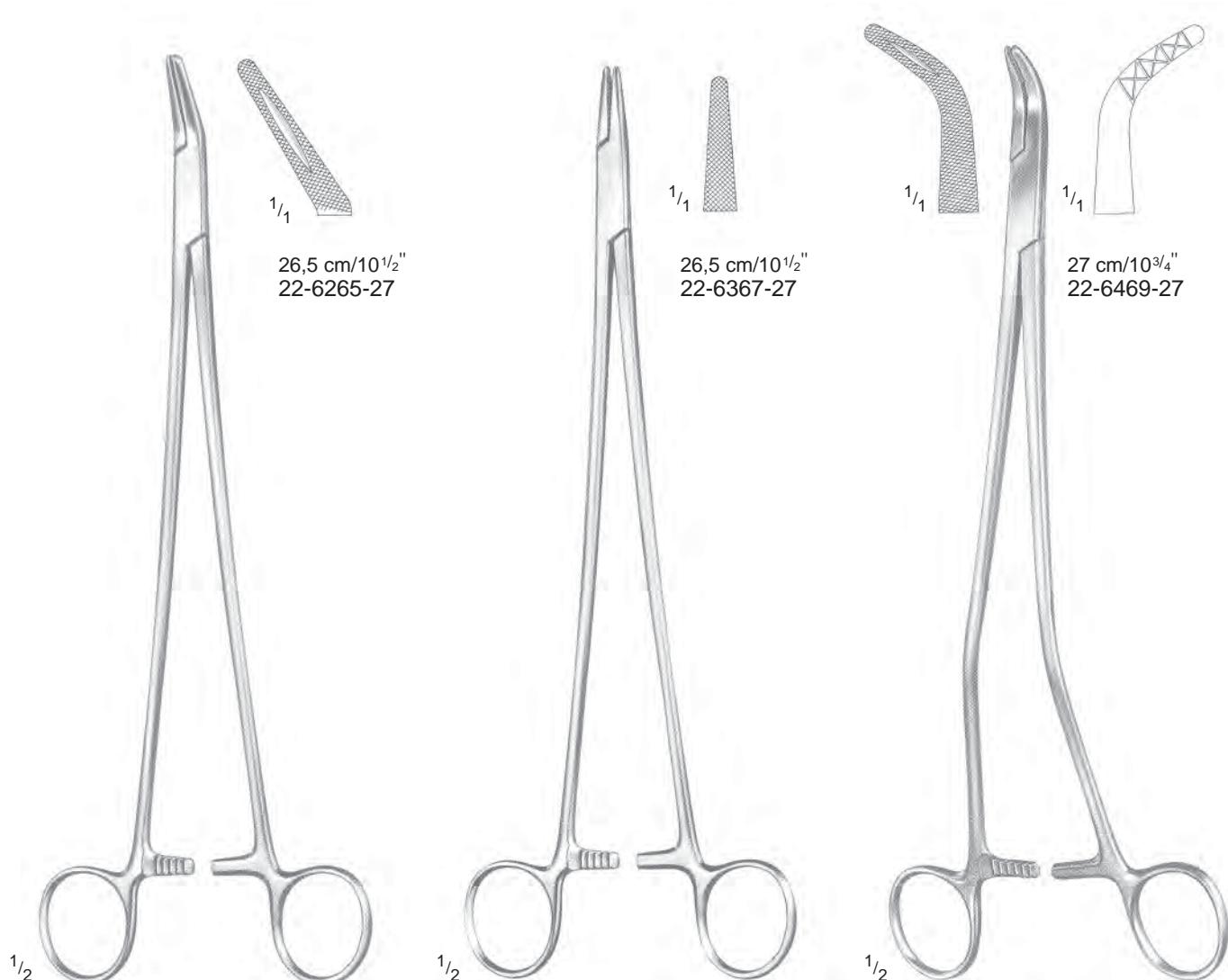
$1\frac{1}{2}$
20,5 cm/8"
22-5860-21



$1\frac{1}{2}$
23,5 cm/9 1/4"
22-6062-23



$1\frac{1}{2}$
26,5 cm/10 1/2"
22-6264-27



Finochietto

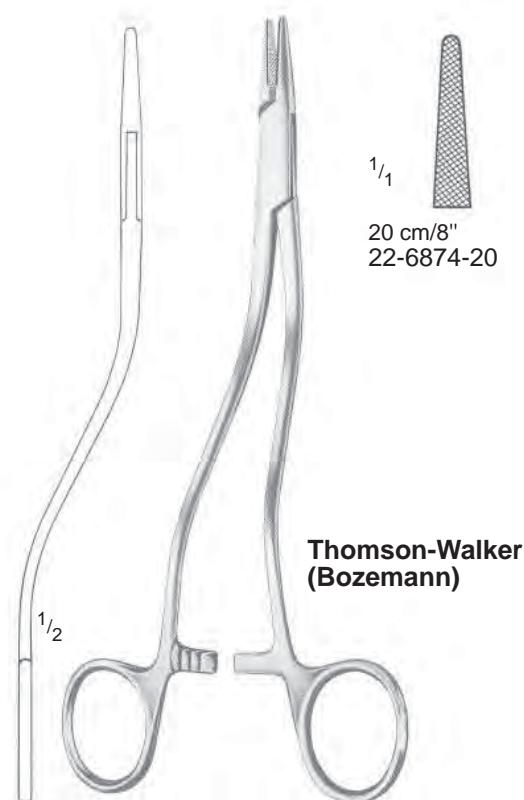
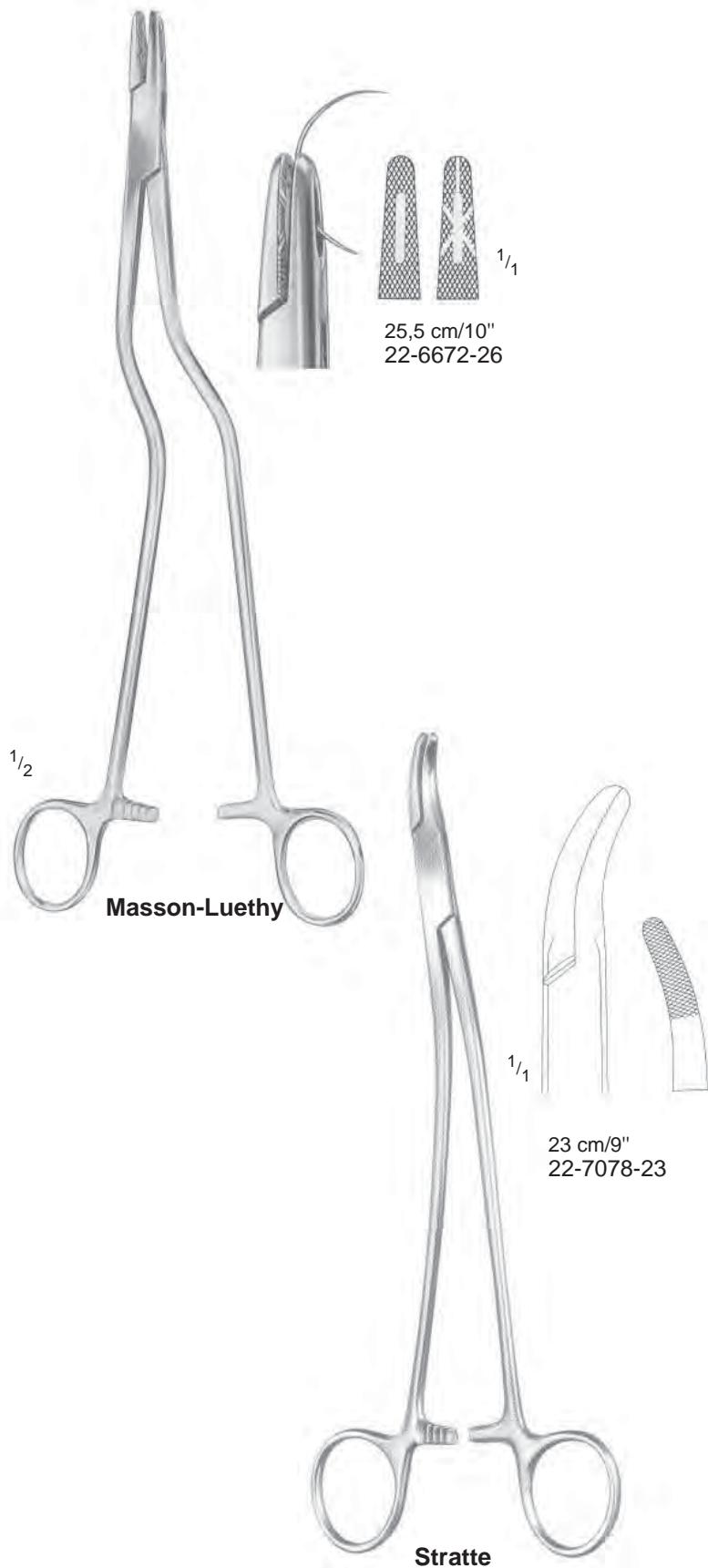
Wangensteen

Johnson

22
A



انواع سوزنگیر
Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles



أنواع سوزنگیر

Nadelhalter

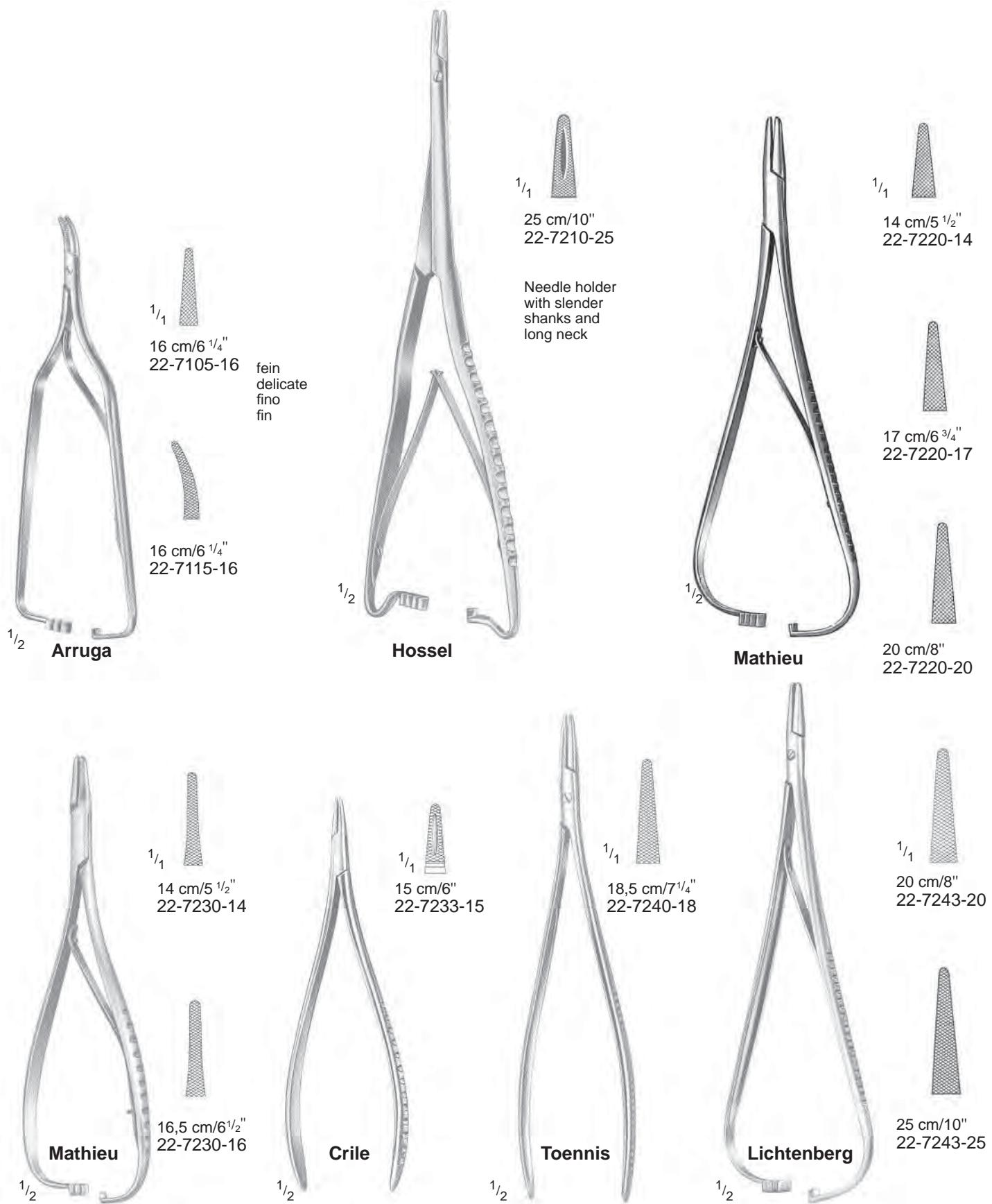
Needle Holders

Porta agujas

Porte aiguilles



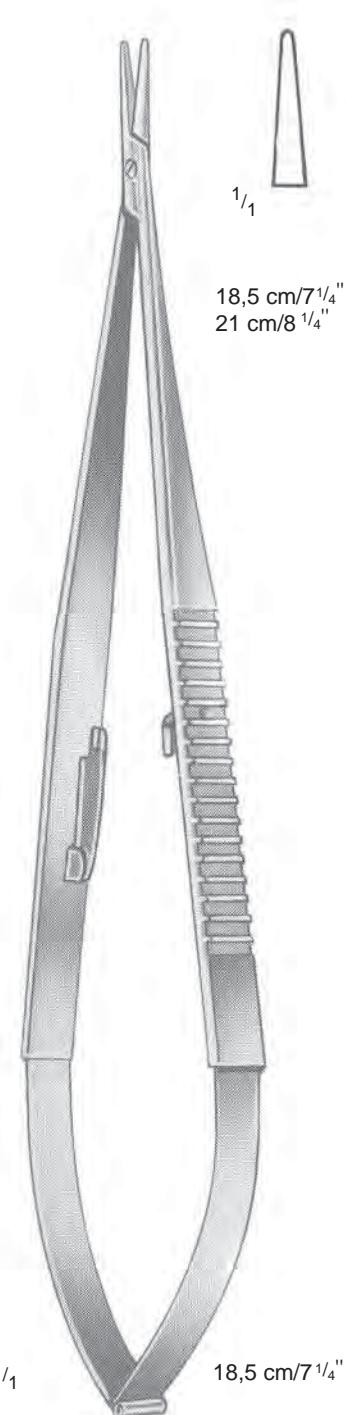
22
A



22
A



سوزنگير ميكروفنري
Mikro-Nadelhalter
Micro-Needle Holders
Micro Porta-agujas
Micro Porte-aiguilles



Jacobson





16 cm/6 1/4" 22-7446-01
20 cm/8" 22-7450-01
22,5 cm/9" 22-7452-01
24,5 cm/9 3/4" 22-7454-01

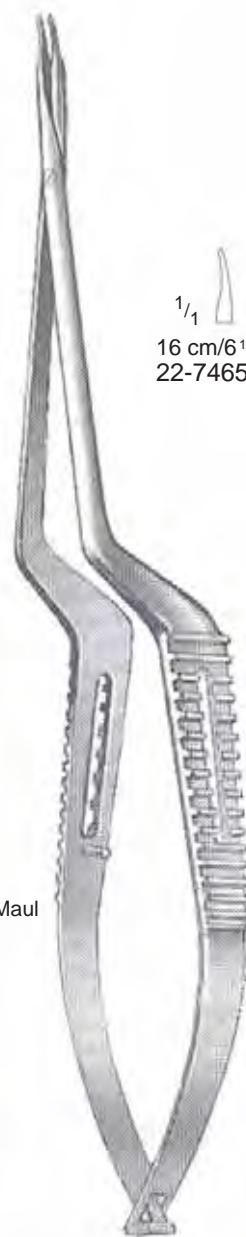


1/1
23 cm/9"
22-7460-23

23 cm/8"
22-7462-23

glattes, gebogenes Maul
smooth, curved jaw
boca lisa y curva
mors lisse, courbé

19 cm/7 1/2"
22-7464-19





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		
	 1/1	 1/1
14 cm/5 1/2" 17 cm/6 3/4"	22-7512-24 22-7512-27	22-7512-25 22-7512-28
		 1/1
		 1/1
		10 x 1 mm
 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
		 1/1
		 1/1
		10 x 1 mm
 Castroviejo delicate 14 cm/5 1/2" ohne Sperre without catch sin cierre sans verrou		
	 1/1	 1/1
14 cm/5 1/2"	22-7514-32	22-7514-33
		 1/1
		 1/1
		10 x 1 mm
 Castroviejo delicate 14 cm/5 1/2" mit Sperre with catch con cierre à verrou		
	 1/1	 1/1
14 cm/5 1/2"	22-7514-35	22-7514-36
		 1/1
		 1/1
		14 cm/5 1/2"
		22-7514-37
		22-7514-38
		22-7514-40
		22-7514-41
		22-7514-43
		22-7514-53



Barraquer



Castroviejo-Fino



Castroviejo-Fino



Castroviejo-Fino

13,5 cm/5 1/4"
22-7613-13

13 cm/5"
22-7615-13

13 cm/5"
22-7616-13

13 cm/5"
22-7616-23

16 cm/6 1/4"
22-7618-16
sehr feines Maul
mit Sperre
very delicate jaw
with lock
boca muy delicada
con cierre
mors très fin
avec serrure

16 cm/6 1/4"
22-7618-26
sehr feines Maul
mit Sperre
very delicate jaw
with lock
boca muy delicada
con cierre
mors très fin
avec serrure

1/1
13,5 cm/5 1/4"
22-7613-13

1/1
13 cm/5"
22-7615-13

1/1
13 cm/5"
22-7616-13

1/1
13 cm/5"
22-7616-23

1/2

1/2

1/2

1/2

1/1
9 cm/3 1/2"
22-7620-19

1/1
14 cm/5 1/2"
22-7620-14

1/1
9 cm/3 1/2"
22-7620-19

1/1
14 cm/5 1/2"
22-7621-14

mit Sperre
with lock
con cierre
avec serrure

1/2

1/2

1/2

Castroviejo-Fino

Castroviejo-Fino

Yashargil

1/1
18,5 cm/7 1/4"
22-7623-18

1/1
18,5 cm/7 1/4"
22-7623-28

1/1
20 cm/8"
22-7630-20



1/2

1/2

1/2



سوزنگیر میکروفنری
Mikro-Nadelhalter
Micro-Needle Holders
Micro Porta-agujas
Micro Porte-aiguilles



1/1
12 cm/4 3/4"
22-7632-12



1/1
12 cm/4 3/4"
22-7642-12

mit Sperre
with lock
con cierre
avec serrure

Castroviejo

Castroviejo

glattes Maul
smooth jaws
bocas lisas
à mors lisses

9 x 0,5 mm

1/1
22-7710-50

1/1
22-7710-51

9 x 0,5 mm

1/1
22-7710-60

1/1
22-7710-61

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

1/1
22-7710-52

1/1
22-7710-53

1/1
22-7710-62

1/1
22-7710-63



Micro-Barraquer-Troutman

10 cm/4"
Ø 6 mm
ohne Sperre
without catch
sin cierre
sans verrou



Micro-Barraquer-Troutman

10 cm/4"
Ø 6 mm
mit Sperre
with catch
con cierre
à verrou

سوزنگیر میکروفنری

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

1/1
22-7711-50

1/1
22-7711-51

9 x 0,5 mm

1/1
22-7711-60

1/1
22-7711-61

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

1/1
22-7711-52

1/1
22-7711-53

1/1
22-7711-62

1/1
22-7711-63



Micro-Barraquer
11,5 cm/4 1/2"
Ø 8 mm
ohne Sperre
without catch
sin cierre
sans verrou



Micro-Barraquer
11,5 cm/4 1/2"
Ø 8 mm
mit Sperre
with catch
sin cierre
à verrou



سوزنگیر میکروفنری
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

11 x 0,75 mm

$^{1/1}$ 22-7714-30

$^{1/1}$ 22-7714-31

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale

$^{1/1}$ 22-7714-22

$^{1/1}$ 22-7714-23



$^{1/1}$ 22-7714-32

$^{1/1}$ 22-7714-33

Barraquer
14 cm/5 1/2"
Ø 8 mm
ohne Sperre
without catch
sin cierre
sans verrou

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



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"
23 cm/9"

22-7721-20

22-7721-21

delicate 12 x 1,0 mm

glattes Maul
smooth jaws
bocas lisas
à mors lisses



22-7721-30
22-7723-30

22-7721-31

22-7723-31

spezialbeschichtete Maulteile
specially coated jaws
bocas cubiertas especiales
mors avec garniture spéciale



21 cm/8 1/4"
23 cm/9"

22-7721-22

22-7721-23

22-7723-22

22-7723-23

22-7723-23



22-7721-32
22-7723-32

22-7721-33

22-7723-33

Micro
Ø 9 mm
21 cm/8 1/4"
23 cm/9"
ohne Sperre
without catch
sin cierre
sans verrou

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

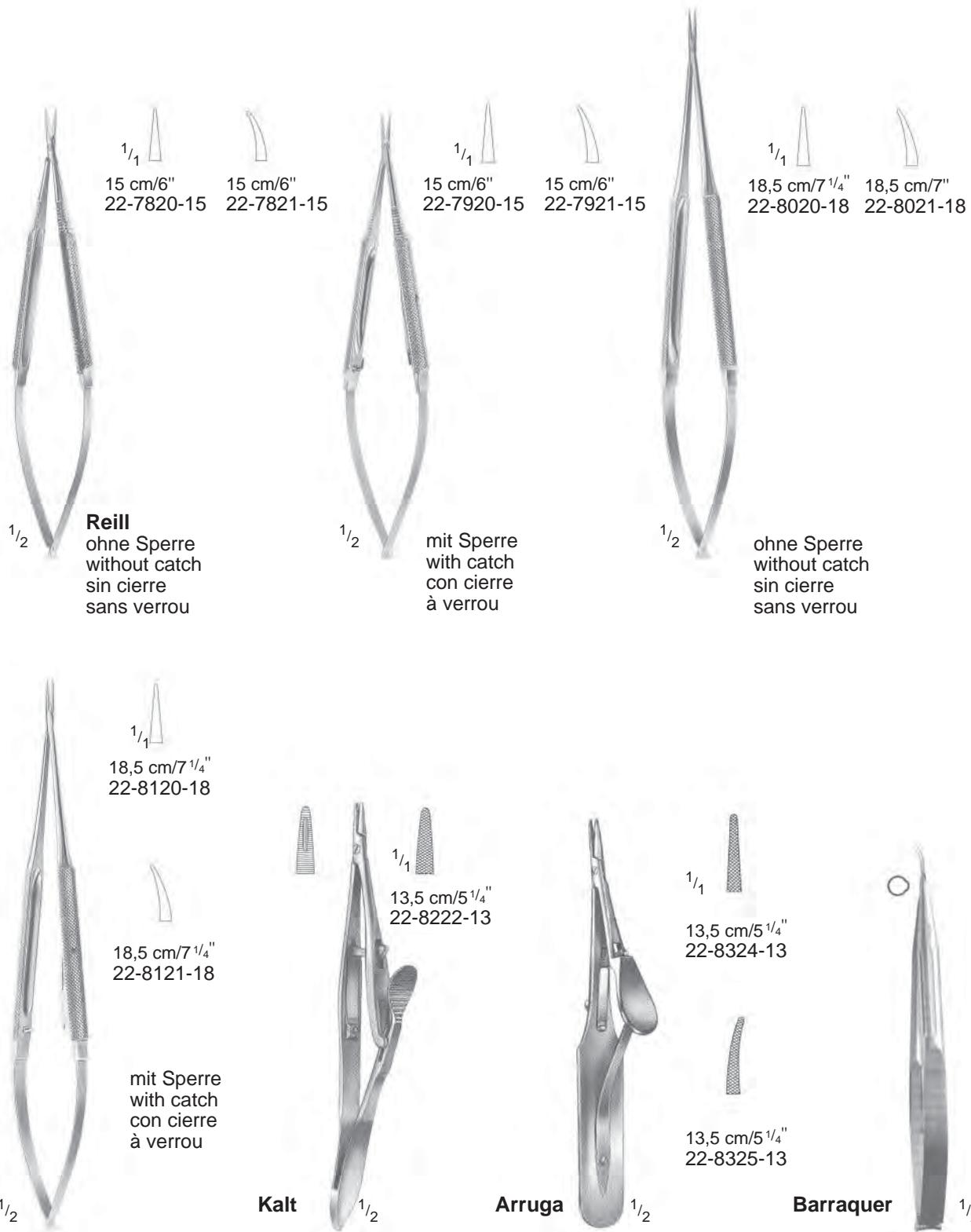
Needle Holders

Porta agujas

Porte aiguilles

Univer®

22
A



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
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



Special - T/C

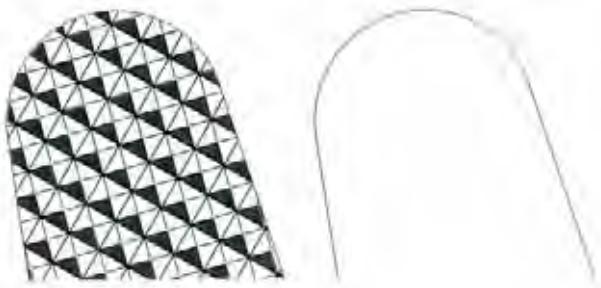
انواع سوزنگیر تنگستن
کارباید - دسته طلایی

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)



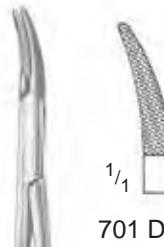
انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

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
701 DE-20
20 cm/8"



701 DE-23
23 cm/9"



(S)
1/1
702 DE-15
15 cm/6"
702 DE-17
17 cm/6 3/4"



712 DE-15
15 cm/6"
712 DE-17
17 cm/6 3/4"



Julian



Senning



Wright (Derf)



Converse



Masing



انواع سوزنگیر با نیغه 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 کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

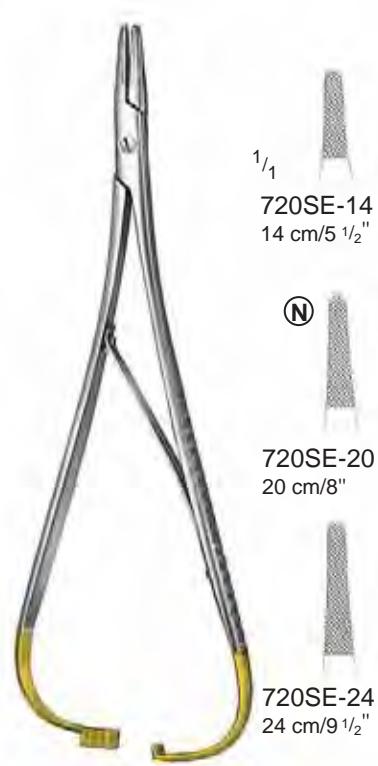
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



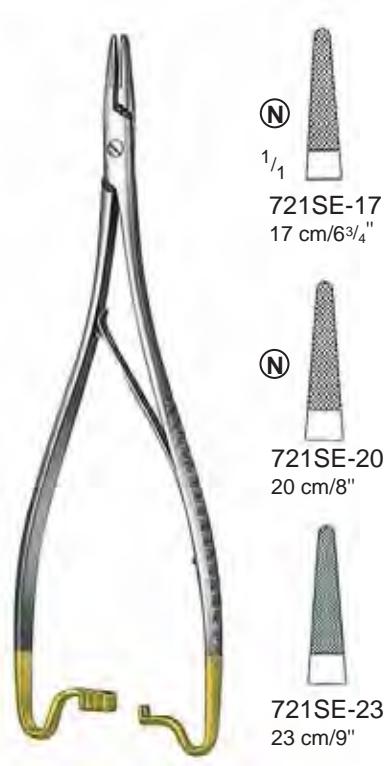
22
B



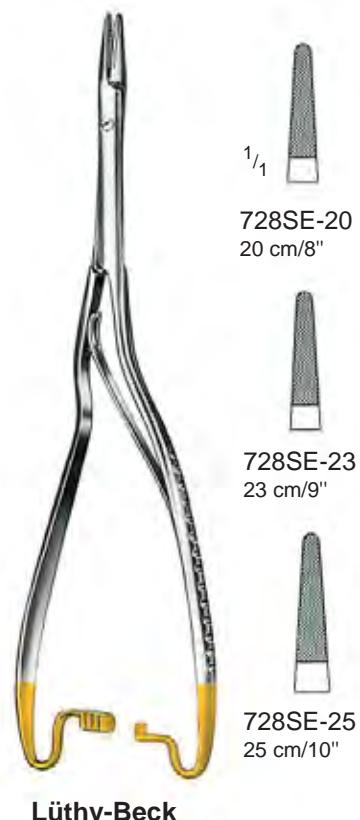
Mathieu



Mathieu



Mathieu



Lüthy-Beck



Hösel



انواع سوزنگیر با تیغه تنگستن کارباید - دسته طایی

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-20
20 cm/8"

Langenbeck



^{1/1}
724DE-20
20 cm/8"

kräftig
heavy
fuerte
robuste

Langenbeck



^{1/1}
726SE-20
20 cm/8"

726SE-23
23 cm/9"

Zweifel



^{1/1}
727SE-20
20 cm/8"

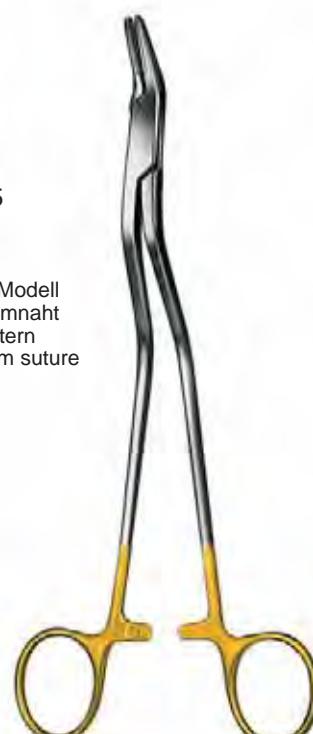
Zweifel



^{1/1}
731DE-20
20 cm/8"

Kräftiges Modell
für Sternumnaht
heavy pattern
for sternum suture

Masson-Lüthy



^{1/1}
729DE-20
20 cm/8"

729DE-23
23 cm/9"

729DE-25
25 cm/10"

Bozemmann-Finochietto

انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

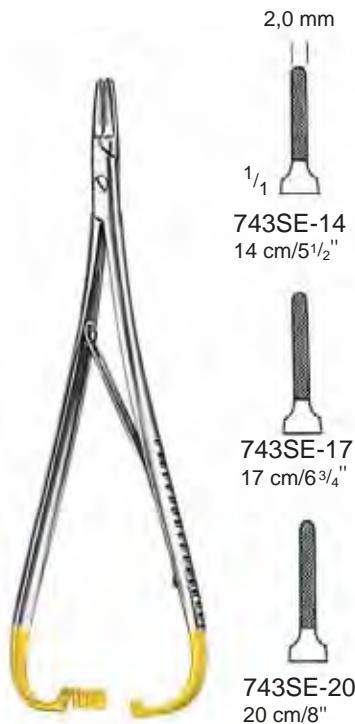
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

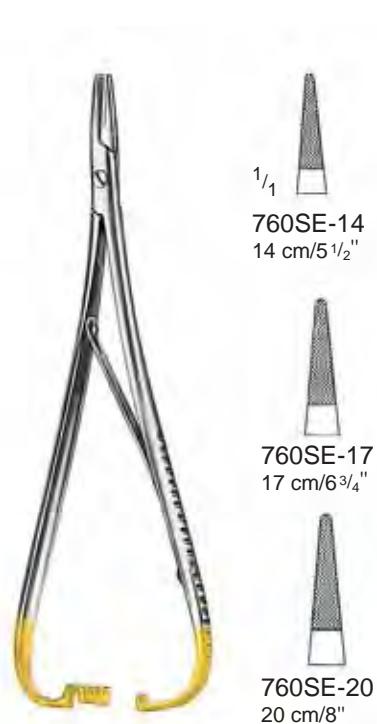
Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



Lichtenberg-Ryder



Lichtenberg



Mathieu-Grazi



Tönnis Modif



Tönnies



انواع سوزنگیر با نیغه 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

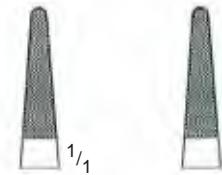
schwedische Modelle
Swedish Patterns
Modelos suecos
modèles suédois



Mathieu-Stille



755DE-17
17 cm/6 3/4"



755DE-19
19 cm/7 1/2"



Matzenbaum



758DE-17
17 cm/6 3/4"



758DE-19
19 cm/7 1/2"



961SE-12
12 cm/4 3/4"



Boynton



962SE-16
16 cm/6 1/4"



Arruga

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



22
B



Derf (Halsey)



Derf (Halsey)



Webster



Baumgartner



Neivert
(Offset Ring)



انواع سوزنگیر با تیغه تنگستن کارباید - دسته طایی

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

^{1/1}
707DE-14
14 cm/5½"

707DE-16
16 cm/6¼"

(N)

707DE-18
18 cm/7"

707DE-20
20 cm/8"

707DE-24
24 cm/9½"

707DE-26
26 cm/10¼"

707DE-30
30 cm/12"



Crile-Wood (Newman)

^{1/1}
734DE-15
15 cm/6"

734DE-18
18 cm/7"

734DE-20
20 cm/8"

734DE-23
23 cm/9"

734DE-26
26 cm/10¼"

734DE-30
30 cm/12"



Hegar-mayo-seeley

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



22
B



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"



772DE-21
21,5 cm/8 1/2"

Crile-Wood



773DE-20
20 cm/8"

773DE-26
26,5 cm/10 1/2"



708DE-20
20 cm/8"

708DE-23
23 cm/9"

708DE-26
26 cm/10 1/4"

708DE-30
30 cm/12"

Finochietto

Heaney



انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

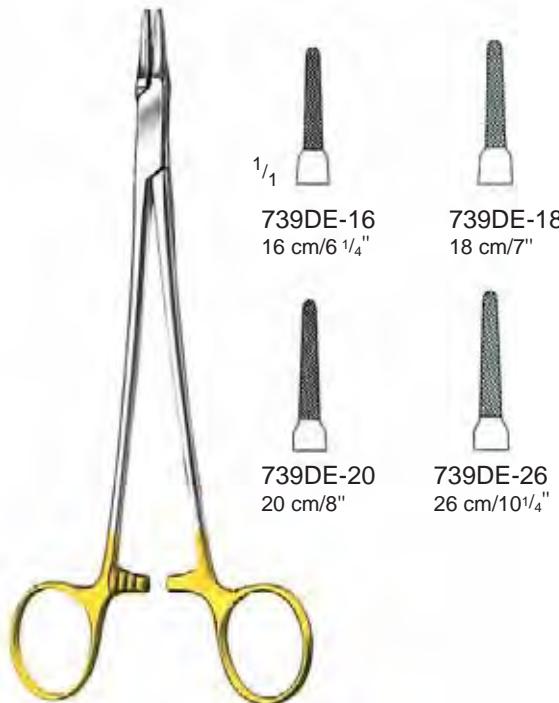
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



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 کارباید - دسته طایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

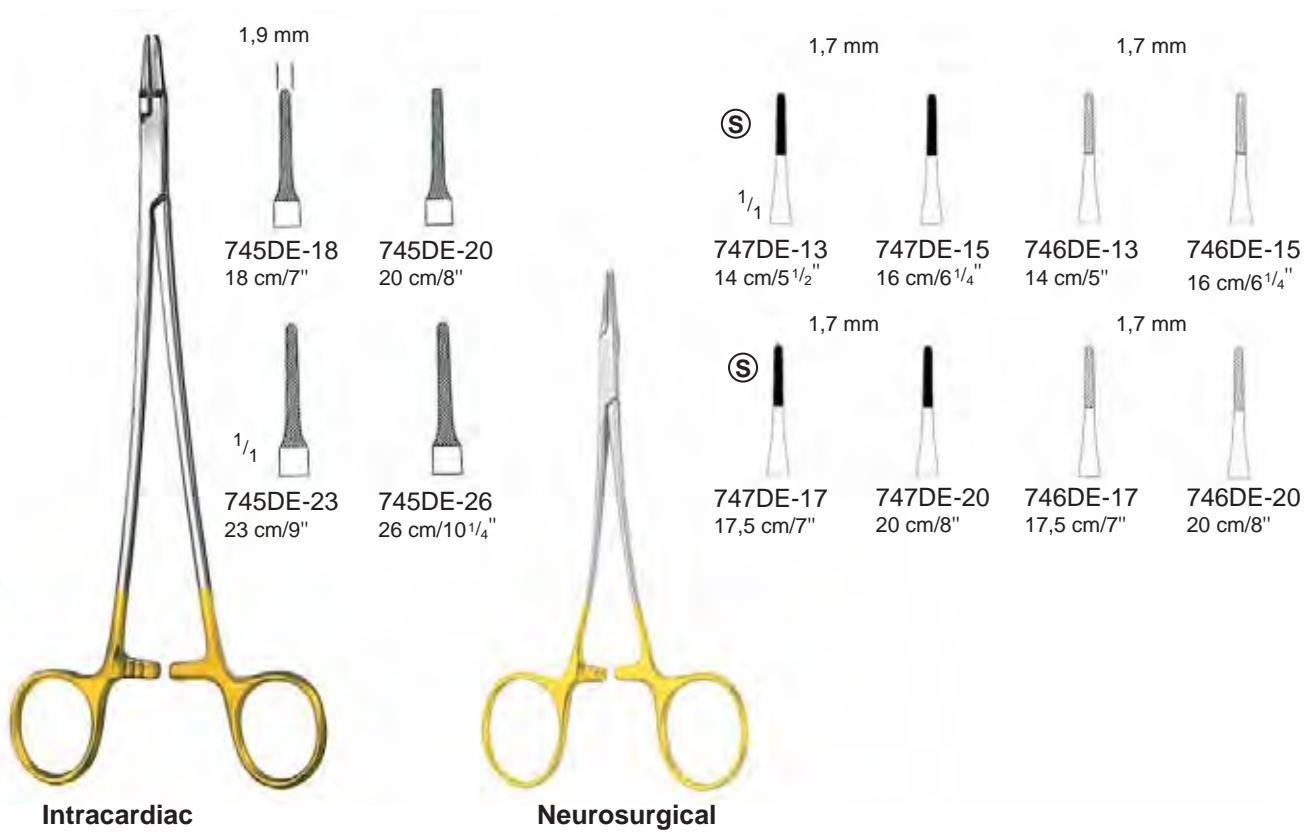
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B





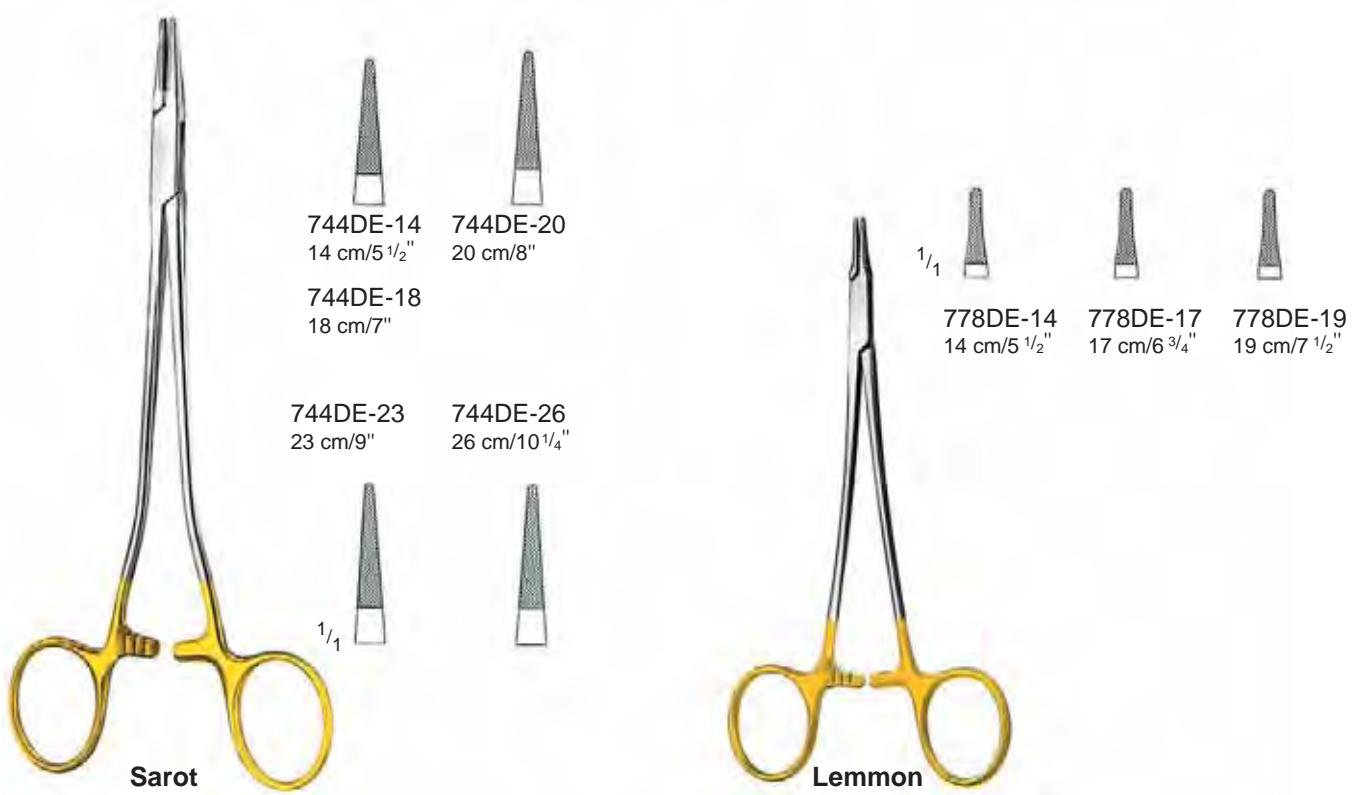
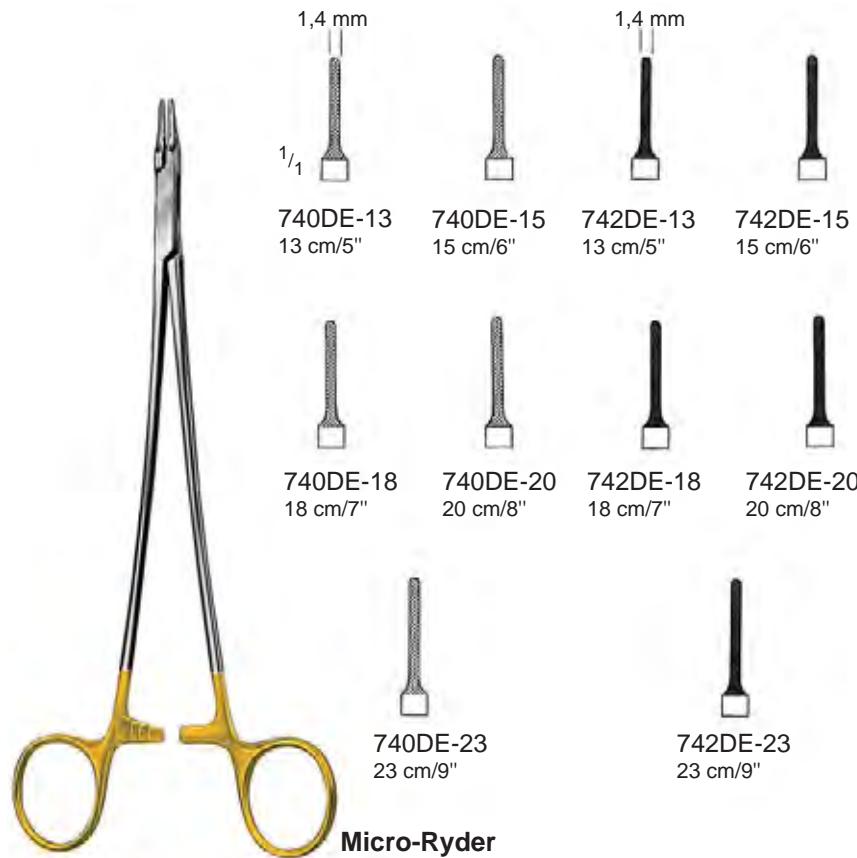
انواع سوزنگیر با نیغه تنگستن کارباید - دسته طلایی

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 کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

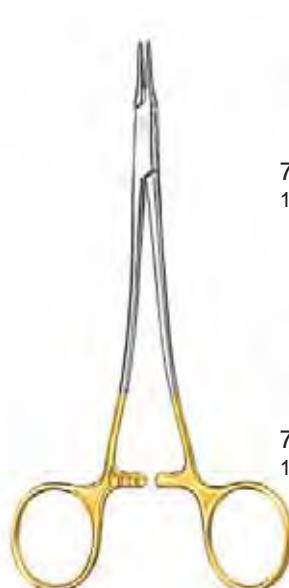
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B



748DE-14
14 cm/5 1/2"

748DE-15
15 cm/6"

748DE-18
18 cm/7"

748DE-20
20 cm/8"

Eufrate-pasqué



749DE-14
14 cm/5 1/2"

749DE-15
15 cm/6"

749DE-18
18 cm/7"

749DE-20
20 cm/8"

Eufrate-pasqué



750SE-21
21 cm/8 1/4"

Mit Anreisicherung
With locking ratchet



751SE-19
19 cm/7 1/2"

ohne Sperre
without ratchet



752DE-19
19 cm/7 1/2"

mit Sperre
with ratchet

Hellberg-kupka

Rein-kupka

Rein-kupka



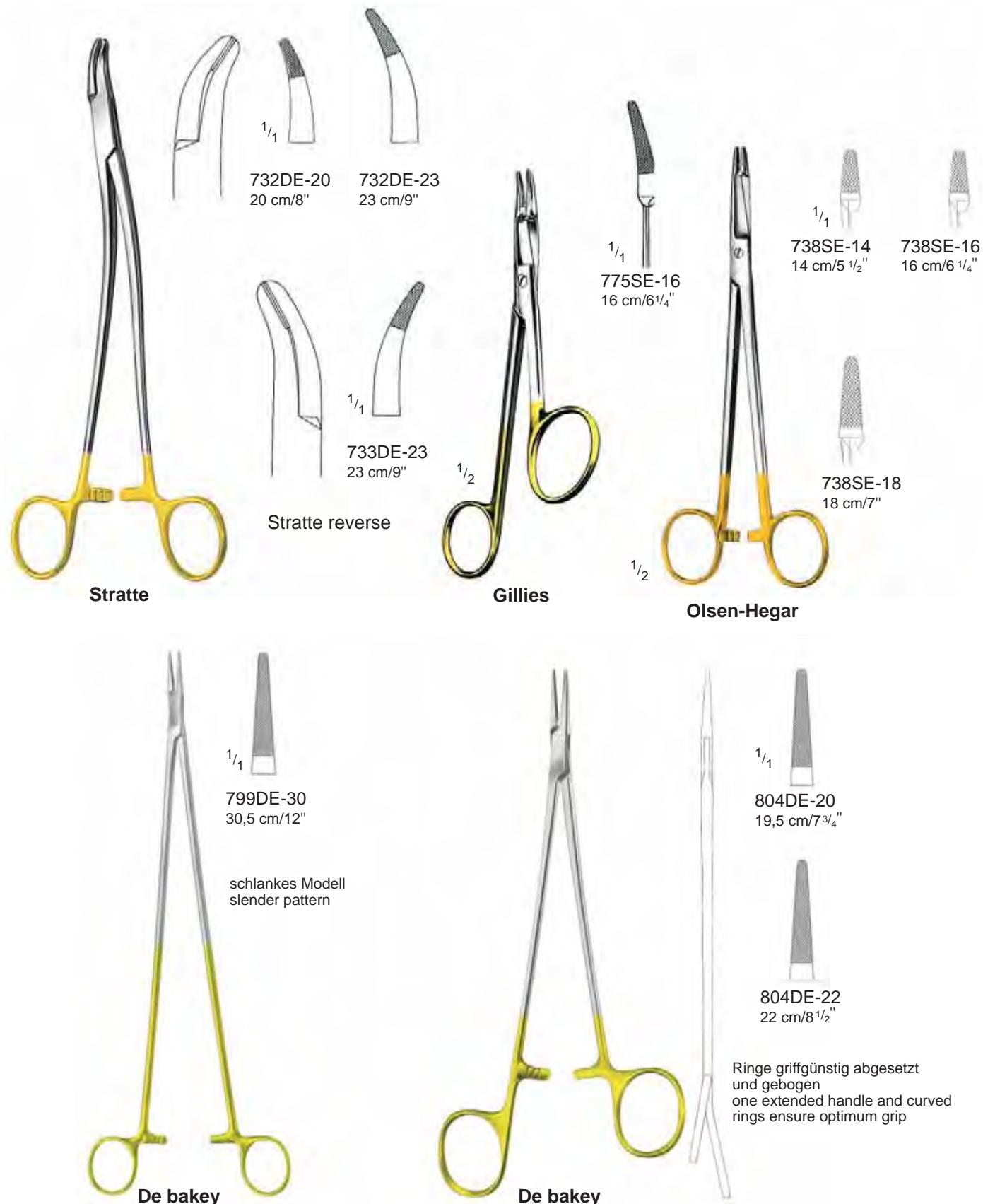
انواع سوزنگیر با نیغه تنگستن کارباید - دسته طلایی

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



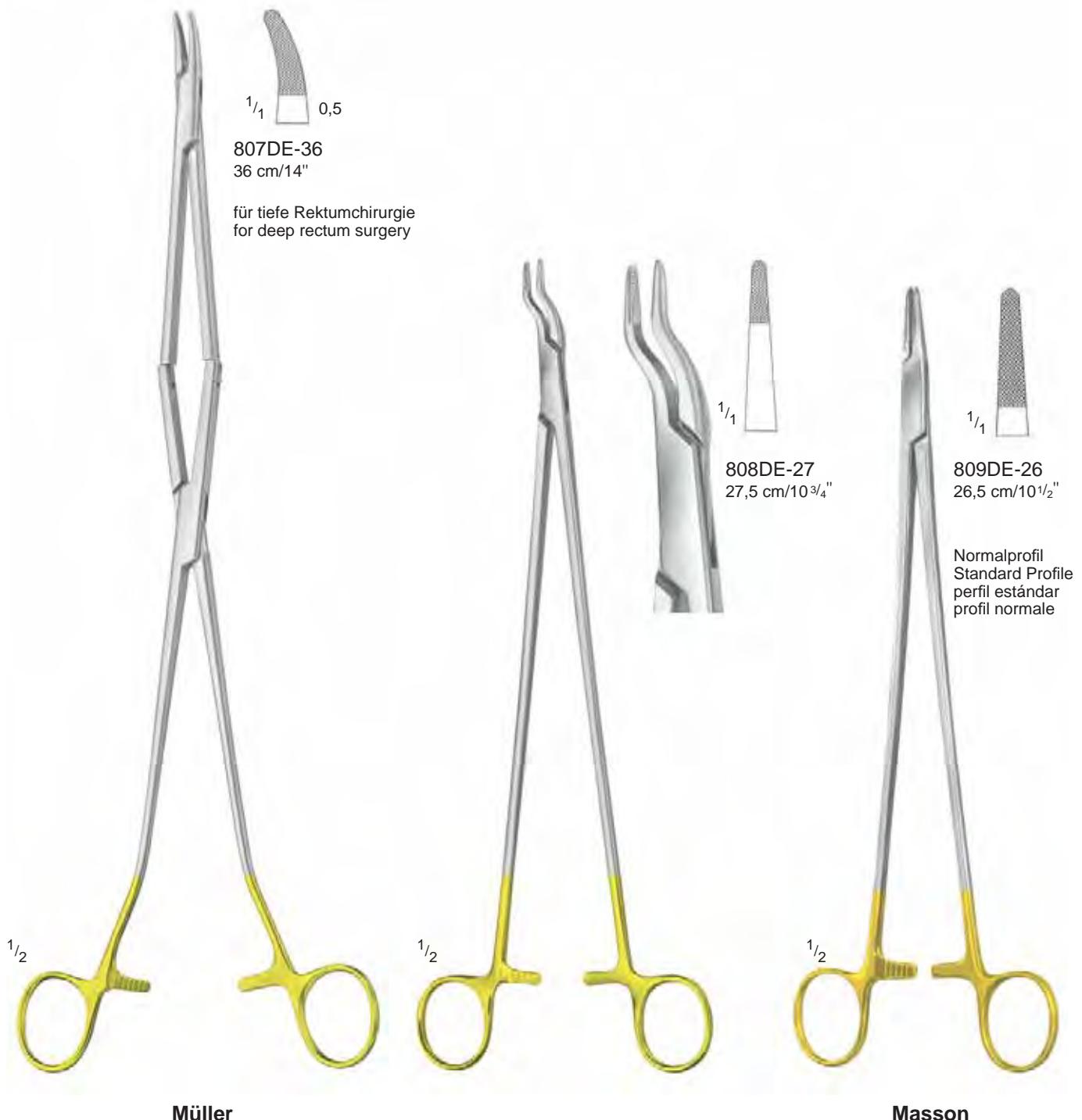
انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

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 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

(S)	1/1	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"
(S)	1/1	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 کارباید - دسته طایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

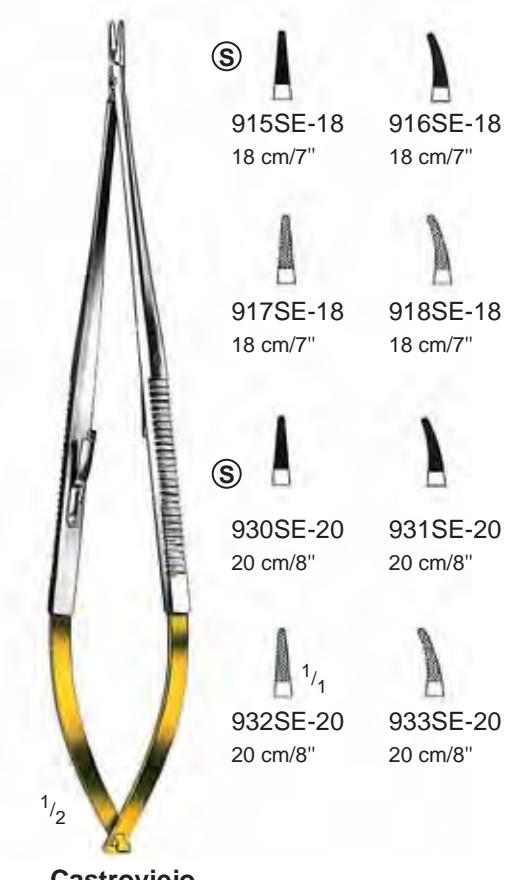
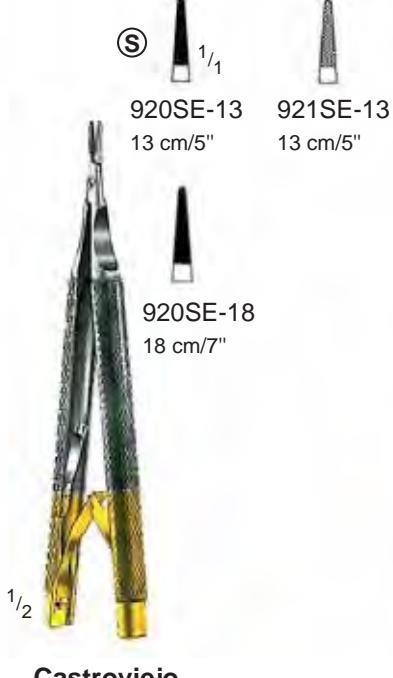
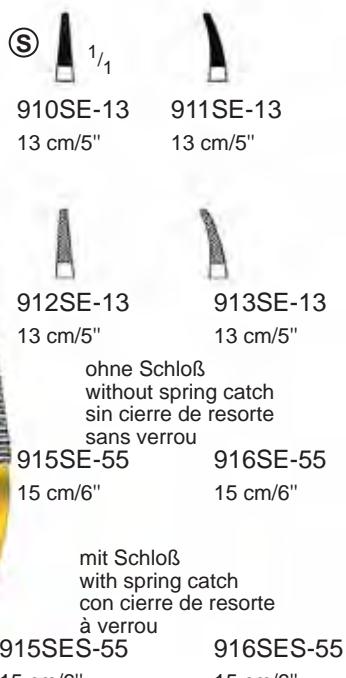
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



22
B





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 mm 1,5 mm 1,8 mm 2,5 mm 1,2 mm 1,5 mm 1,8 mm 2,5 mm

(S)

$\frac{1}{1}$

14,5 cm/5 $\frac{3}{4}$ " 614SE-12

16 cm/6 $\frac{1}{4}$ " 615SE-12 615SE-15 615SE-18 615SE-25

614SE-32

615SE-32 615SE-35 615SE-38 615SE-45



1,2 mm 1,5 mm 1,8 mm 2,5 mm 1,2 mm 1,5 mm 1,8 mm 2,5 mm

912SE-52

12 cm/4 $\frac{3}{4}$ "

$\frac{1}{1}$

614SE-52

614 SE-58

614SE-72

614SE-85

14,5 cm/5 $\frac{3}{4}$ "

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

615SE-52

615SE-55

615SE-58

615SE-65

615SE-72

615SE-75

615SE-78

615SE-85

Micro

\varnothing 8 mm
14 cm/5 $\frac{1}{2}$ "
16 cm/6 $\frac{1}{4}$ "

mit Schloß
with spring catch
con cierre de resorte
à verrou

1,2 mm 1,5 mm 1,8 mm 2,5 mm 1,2 mm 1,5 mm 1,8 mm 2,5 mm

(S)

14,5 cm/5 $\frac{3}{4}$ " 614SES-12

16 cm/6 $\frac{1}{4}$ " 615SES-12 615SES-15 615SES-18 615SES-25

614SES-32

615SES-32 615SES-35 615SES-38 615SES-45



1,2 mm 1,5 mm 1,8 mm 2,5 mm 1,2 mm 1,5 mm 1,8 mm 2,5 mm

912SES-52

12 cm/4 $\frac{3}{4}$ "

$\frac{1}{1}$

614SES-52

614SES-58

614SES-72

614SES-78

14,5 cm/5 $\frac{3}{4}$ "

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

615SES-52

615SES-54

615SES-58

615SES-65

615SES-72

615SES-75

615SES-78

615SES-85

Micro

\varnothing 8 mm
14 cm/5 $\frac{1}{2}$ "
16 cm/6 $\frac{1}{4}$ "

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



22
B



ohne Schloß
without spring catch
sin cierre de resorte
sans verrou

	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	

	1,2 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

	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		

Micro

Ø 9 mm
18 cm/7"
21cm/8 1/4"
23 cm/9"



أنواع 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



mit Schloß
with spring catch
son cierre de resorte
à verrou



ohne Schloß
without spring catch
sin cierre de resorte
sans verrou

	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



19 cm/7 1/2"

23 cm/9"

25 cm/10"

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



22
B



mit Schloß
with spring catch
son cierre de resorte
à 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





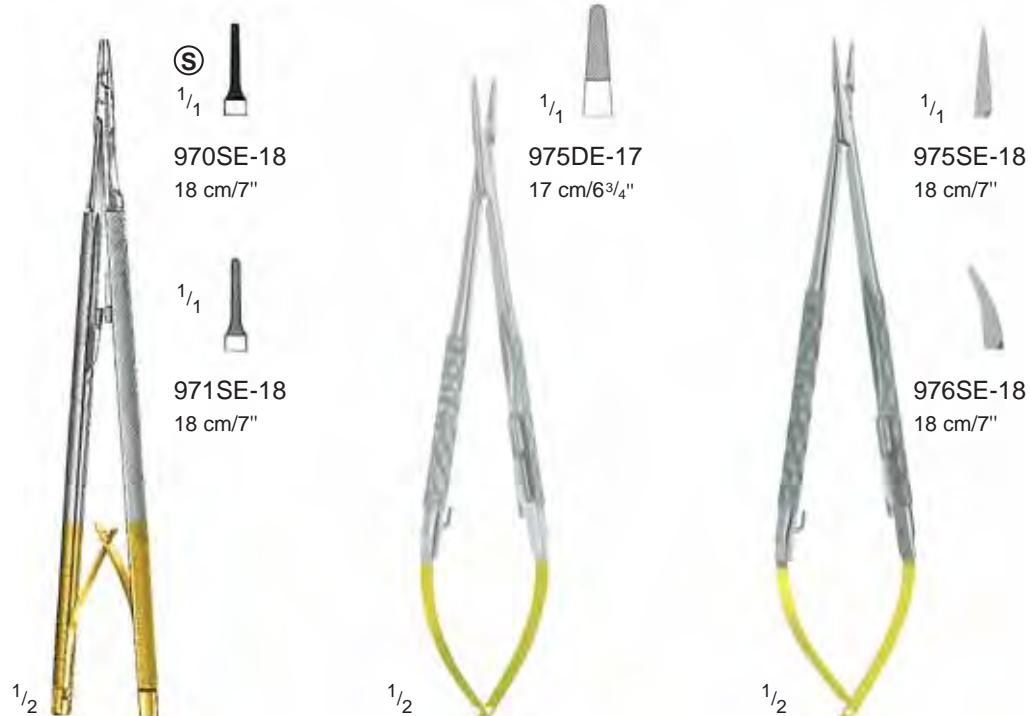
انواع سوزنگیر با تیغه تنگستن کارباید - دسته طلایی

Nadelhalter mit Hartmetalleinlagen Univer Gold -T/C

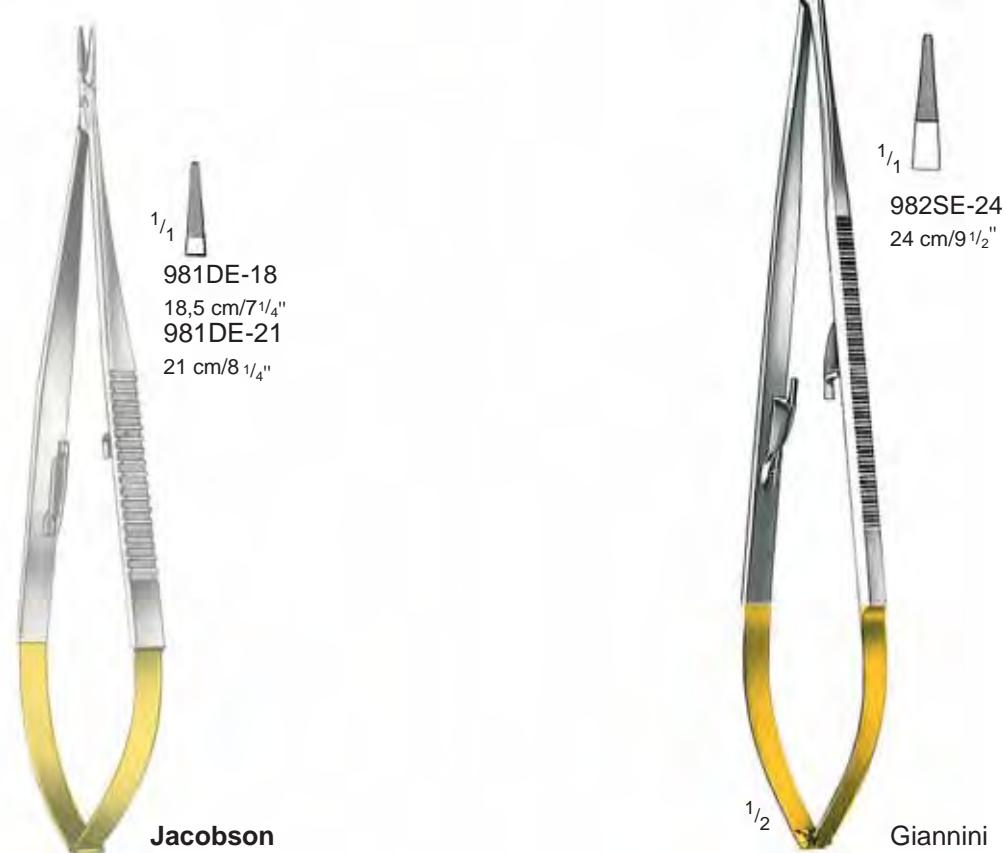
Needle Holders with Tungsten Carbide Inserts Univer Gold -T/C

Porta-agujas con inserciones de tungsteno Univer Gold -T/C

Porte-aiguilles avec plaquettes en carbure de tungstène Univer Gold -T/C



Hepp-Scheidel



24



انواع سوزن بخیه

Unterbindungsadeln,
Führungshohlsonden

Ligature Needles
and Conductors

Agujas para ligaduras,
sondas conductoras

Aiguilles à ligatures,
sondes conductrices



ابزار بخیه

Naht
Suture
Sutura
Suture

سوزن بخیه

Unterbindungsneedeln
 Ligature Needles
 Agujas para ligaduras
 Aiguilles à ligatures

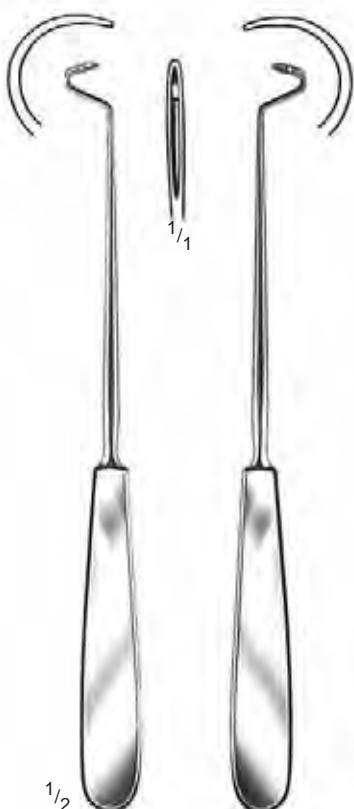
für die rechte Hand	für die linke Hand
for the right hand	for the left hand
para la mano derecha	para la mano izquierda
pour la main droite	pour la main gauche

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

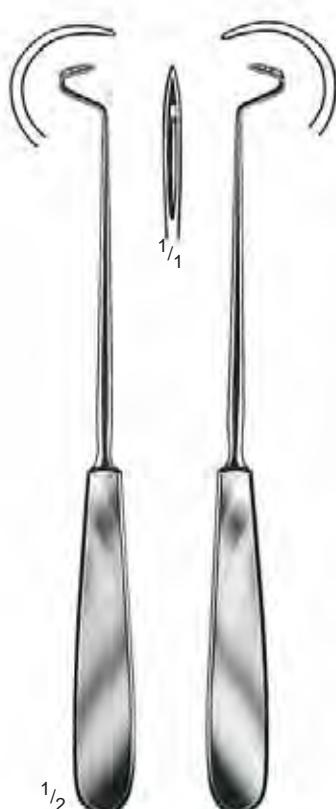
für die rechte Hand	für die linke Hand
for the right hand	for the left hand
para la mano derecha	para la mano izquierda
pour la main droite	pour la main gauche



Kronecker
 14 cm/5 1/2"
 24-0714-01
 stumpf
 blunt
 romo
 mousse



Deschamps
 20 cm/8"
 24-0720-11
 stumpf
 blunt
 romo
 mousse



Deschamps
 20 cm/8"
 24-0720-13
 scharf
 sharp
 agudo
 pointue

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

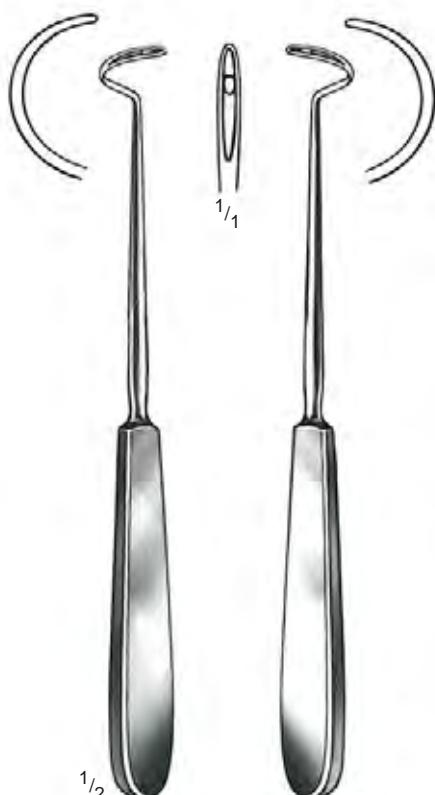
 pour la
main droite pour la
main gauche

für die
rechte Hand für die
linke Hand

 for the
right hand for the
left hand

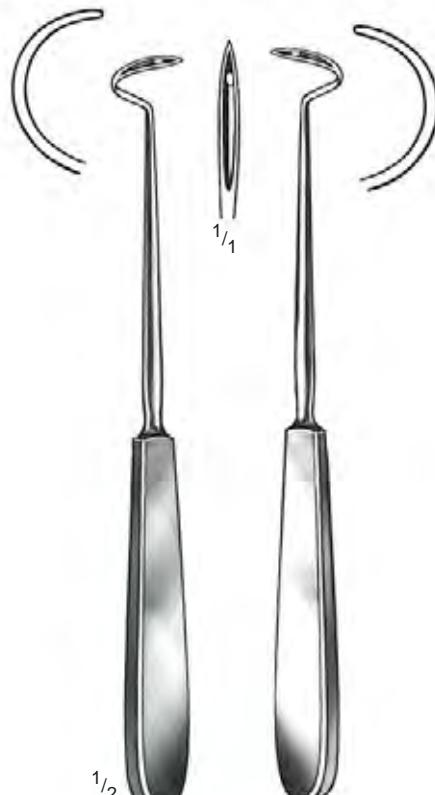
 para la
mano derecha para la
mano izquierda

 pour la
main droite pour la
main gauche



Deschamps **Deschamps**
 20 cm/8"
 24-0720-21 24-0720-22

stumpf
 blunt
 romo
 mousse



Deschamps **Deschamps**
 20 cm/8"
 24-0720-23 24-0720-24

scharf
 sharp
 agudo
 pointue



ابزار بخیه

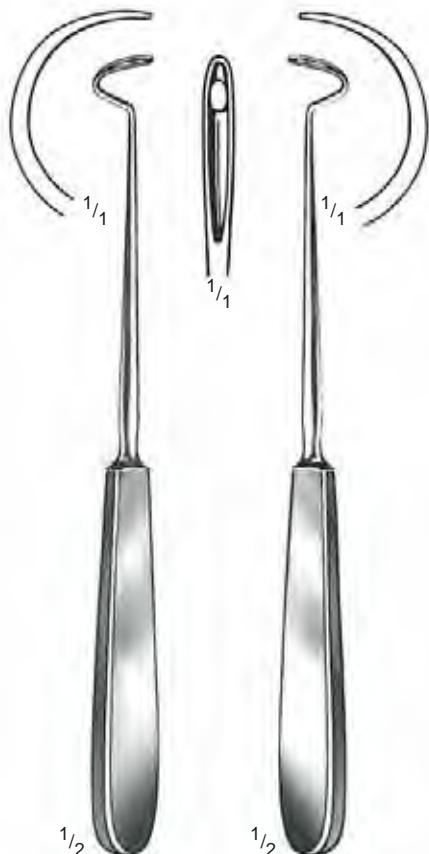
Naht
Suture
Sutura
Suture

سوزن بخیه

Unterbindungsneedeln
 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

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

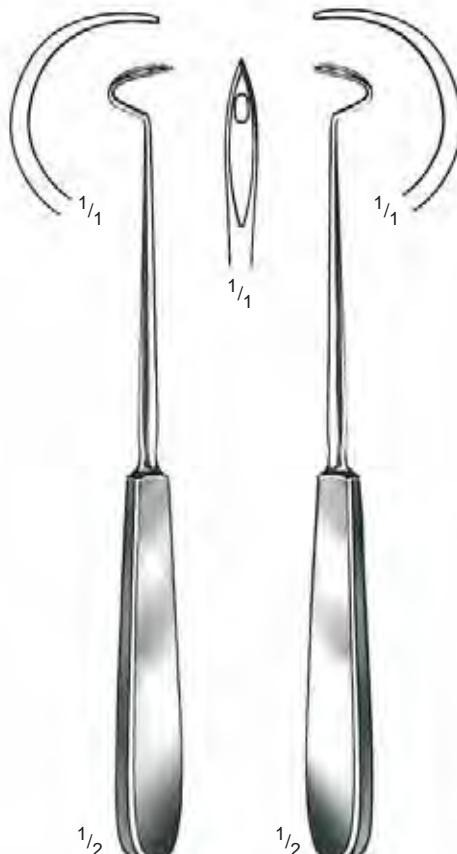


Deschamps
 21 cm/8 1/4"
 24-0721-21

stumpf
 blunt
 romo
 mousse

Deschamps
 21 cm/8 1/4"
 24-0721-22

stumpf
 blunt
 romo
 mousse



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
Unterbindungsndl
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

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

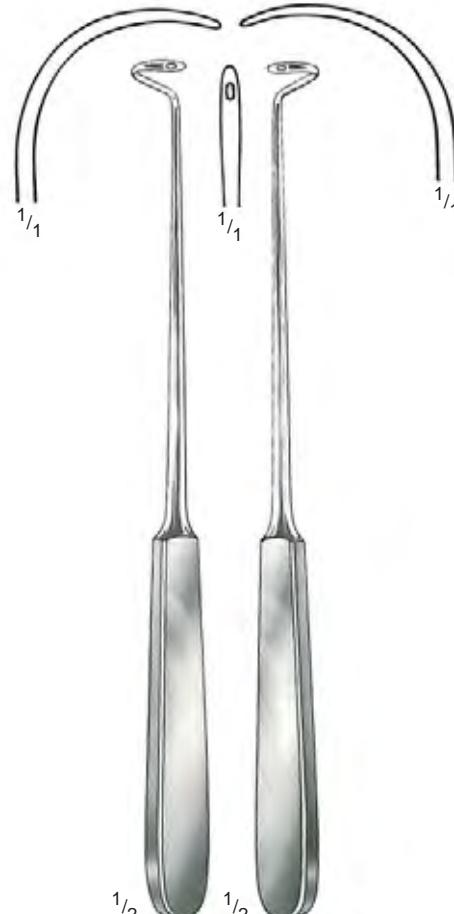
für die
linke Hand
for the
left hand
para la
mano izquierda
pour la
main gauche

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

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
22,5 cm/9"
24-0722-01
stumpf
blunt
romo
mousse

Deschamps
22,5 cm/9"
24-0722-02
stumpf
blunt
romo
mousse

Deschamps
22,5 cm/9"
24-0722-03
stumpf
blunt
romo
mousse

Deschamps
22,5 cm/9"
24-0722-04
stumpf
blunt
romo
mousse

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

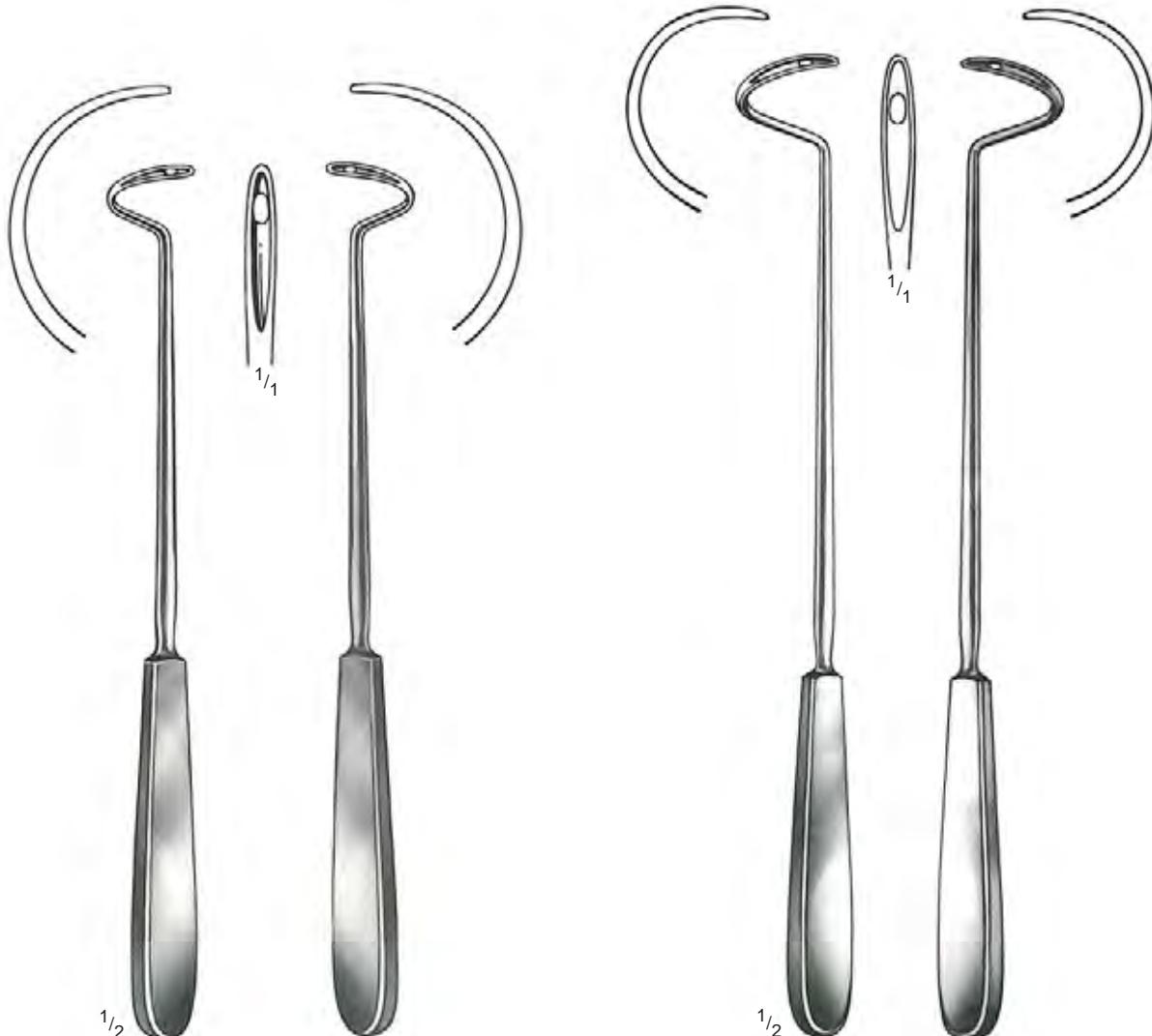
für die
rechte Hand
for the
right hand
para la
mano derecha
pour la
main droite

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

سوزن بخیه
Unterbindungsneedeln
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
24 cm/9 $\frac{1}{2}$ "
24-0724-01

stumpf
blunt
romo
mousse

Deschamps
24 cm/9 $\frac{1}{2}$ "
24-0724-02

stumpf
blunt
romo
mousse

Deschamps
27 cm/10 $\frac{1}{2}$ "
24-0727-01

stumpf
blunt
romo
mousse

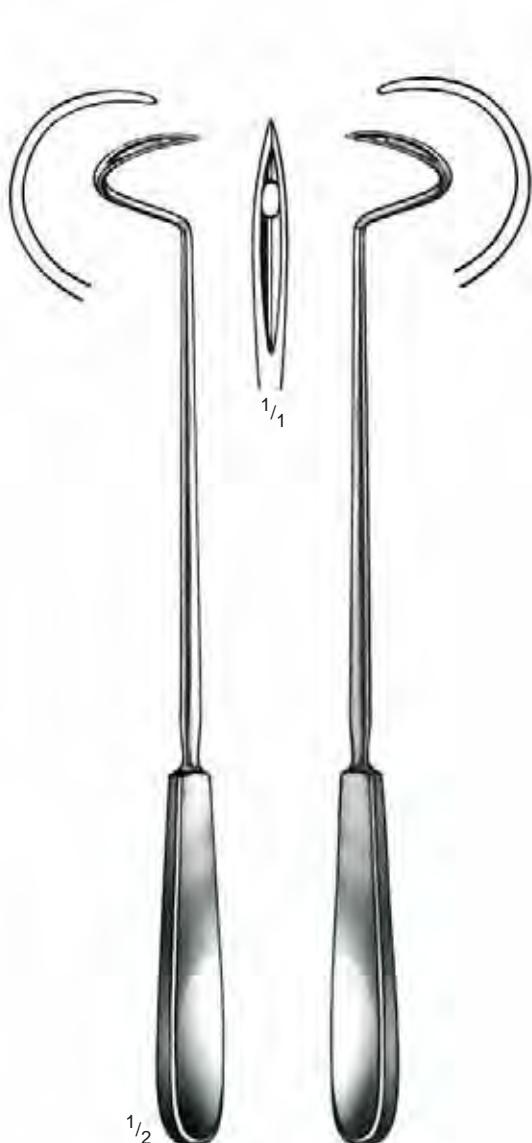
Deschamps
27 cm/10 $\frac{1}{2}$ "
24-0727-02

stumpf
blunt
romo
mousse

سوزن بخیه
Unterbindungsneedeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

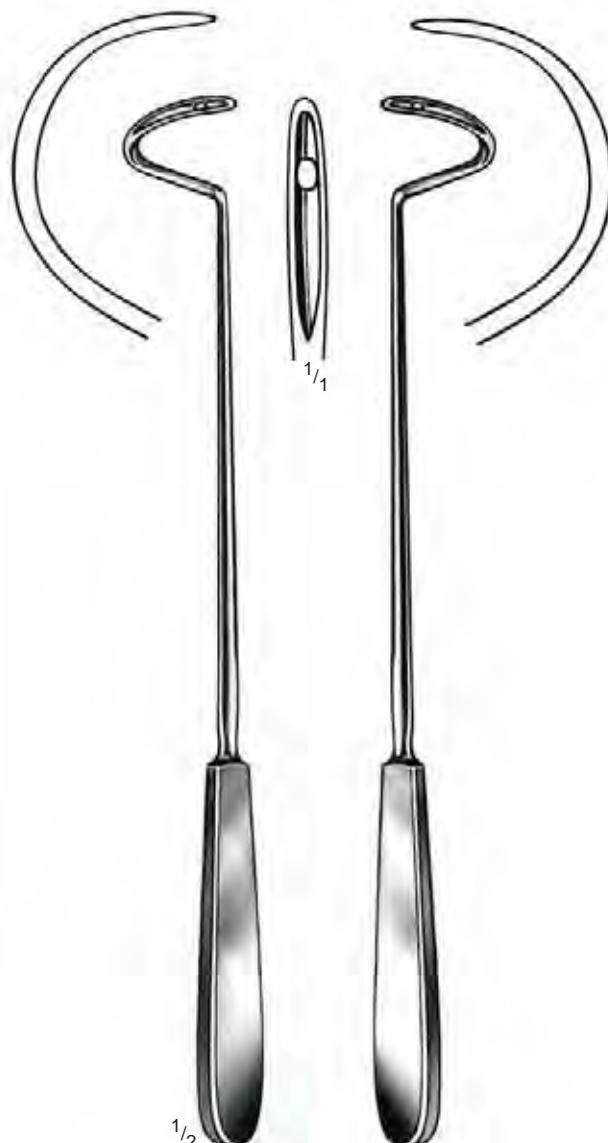
für die rechte Hand	für die linke Hand
for the right hand	for the left hand
para la mano derecha	para la mano izquierda
pour la main droite	pour la main gauche

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
27 cm/10½"
24-0727-03

scharf
sharp
agudo
pointue



Deschamps
28 cm/11"
24-0728-01

stumpf
blunt
romo
mousse



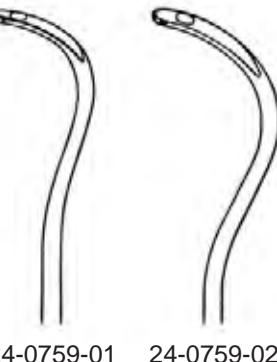
Narath
 22 cm/8 1/2"
 24-0750-22



Schmieden
 21 cm/8 1/4"
 24-0754-21



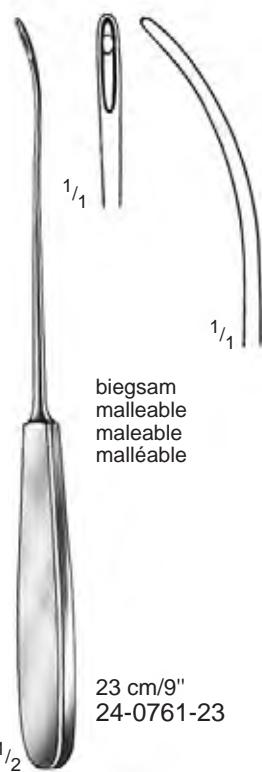
Kocher
 19 cm/7 1/2"



24-0759-01 24-0759-02

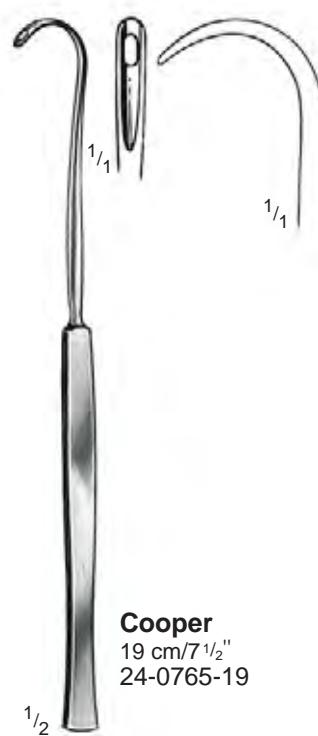


24-0759-03

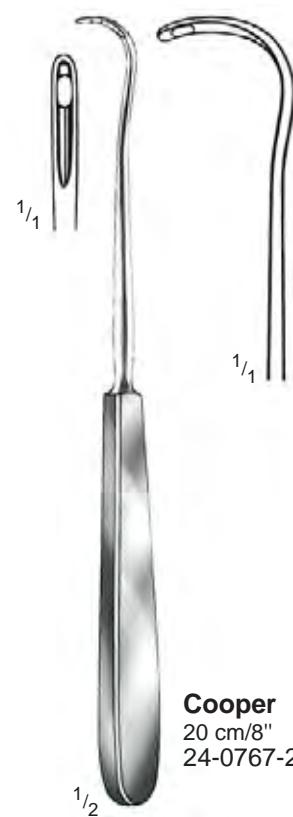


biegsmalable
 maleable
 malléable

23 cm/9"
 24-0761-23



Cooper
 19 cm/7 1/2"
 24-0765-19



Cooper
 20 cm/8"
 24-0767-20

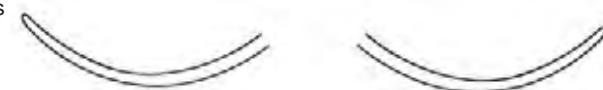
ابزار بخیه

Naht
Suture
Sutura
Suture



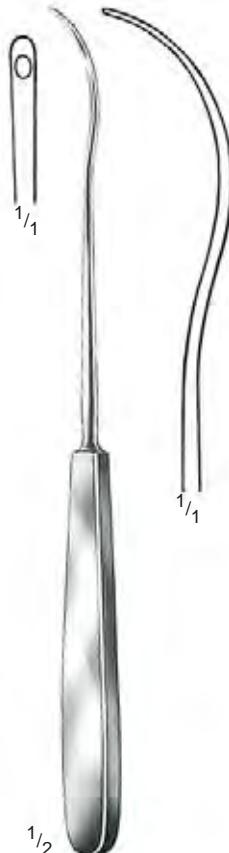
24

سوزن بخیه
Unterbindungsadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures

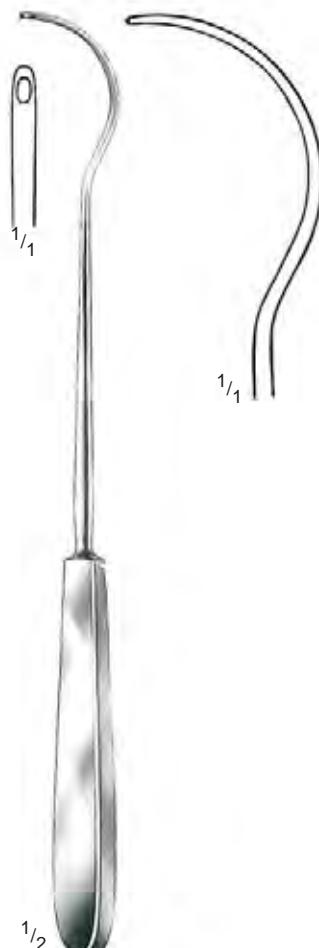


24-0789-03

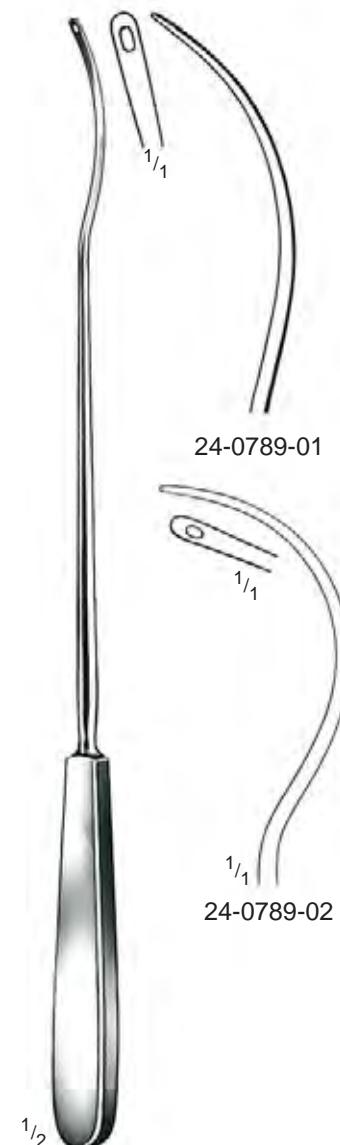
24-0789-04



Deschamps
23 cm/9"
24-0774-23



Brunner
25 cm/10"
24-0783-25

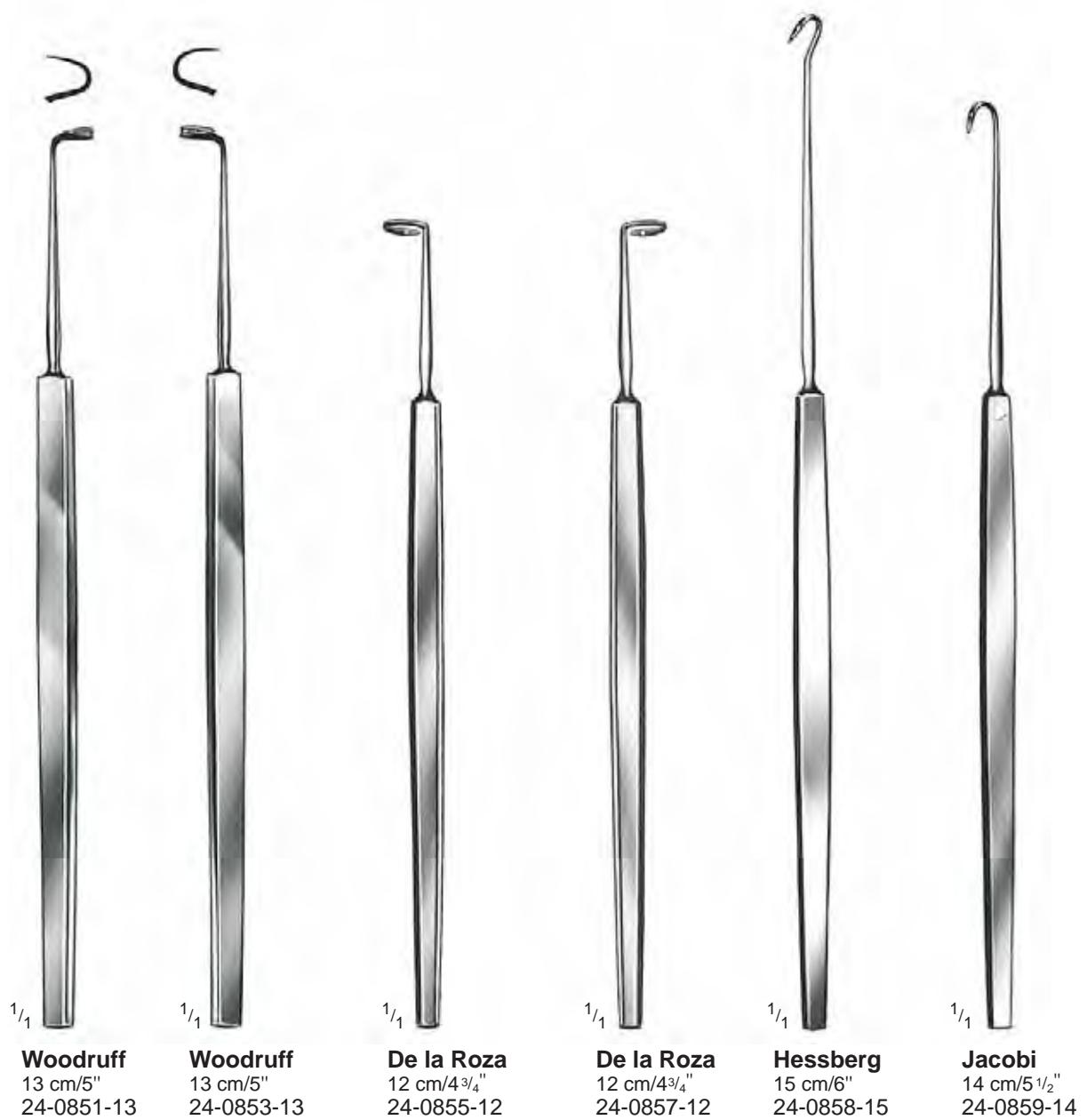


Brunner
30 cm/12"
24-0789-02

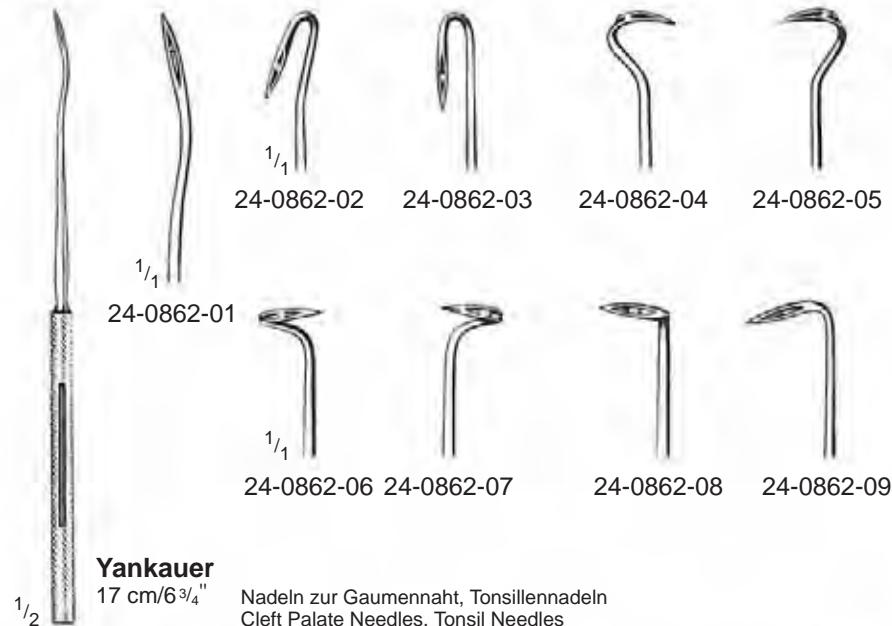


ابزار بخیه
Naht
Suture
Sutura
Suture

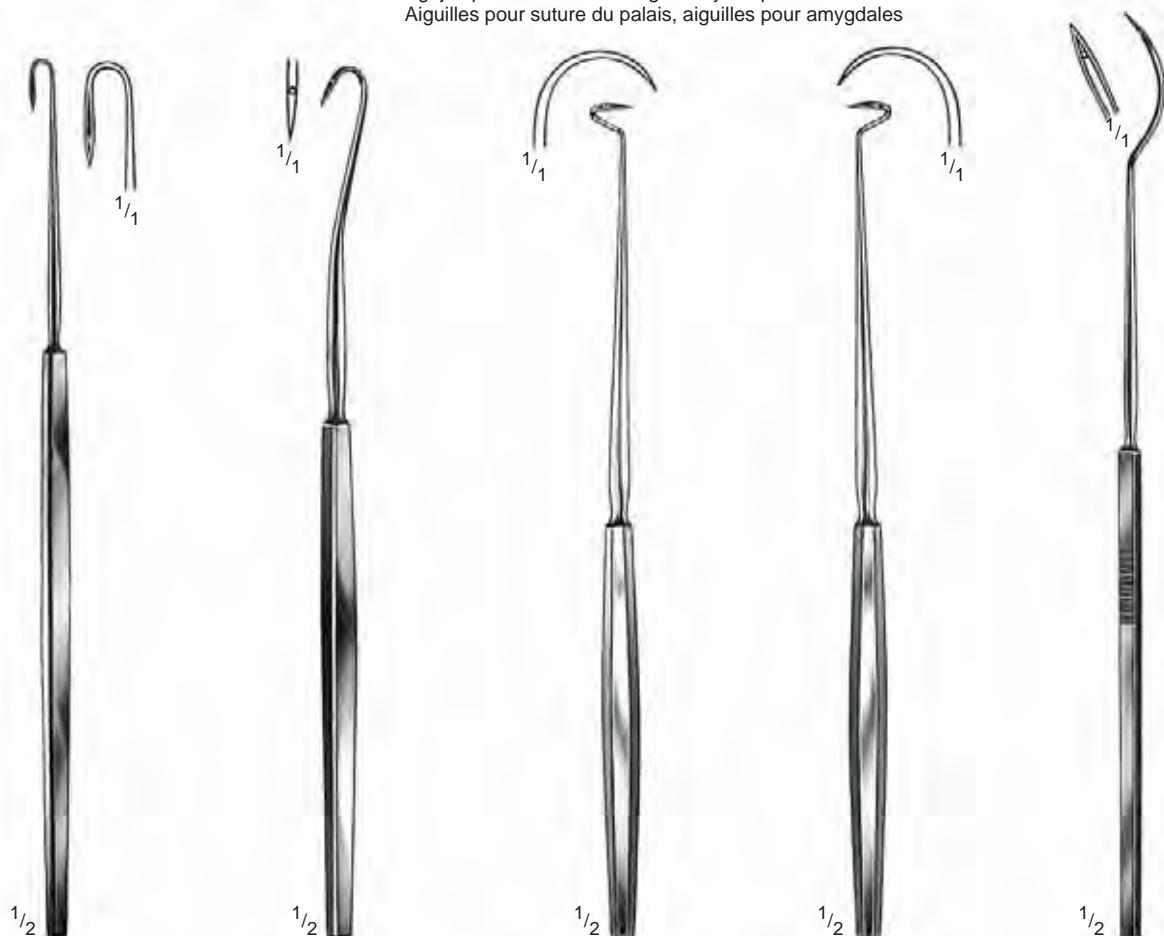
سوزن بخیه
 Unterbindungsneedeln
 Ligature Needles
 Agujas para ligaduras
 Aiguilles à ligatures



Septumnadeln, Septum Suture Needles, Aguas para sutura del tabique nasal, Aiguilles pour la cloison nasale



Nadeln zur Gaumennaht, Tonsillennadeln
 Cleft Palate Needles, Tonsil Needles
 Aguas para suturas de amigdalas y del paladar
 Aiguilles pour suture du palais, aiguilles pour amygdales



Trélat
 23 cm/9"
 24-0901-23

Claus
 23 cm/9"
 24-0905-23

Hurd
 21 cm/8 $\frac{1}{4}$ "
 24-0921-01

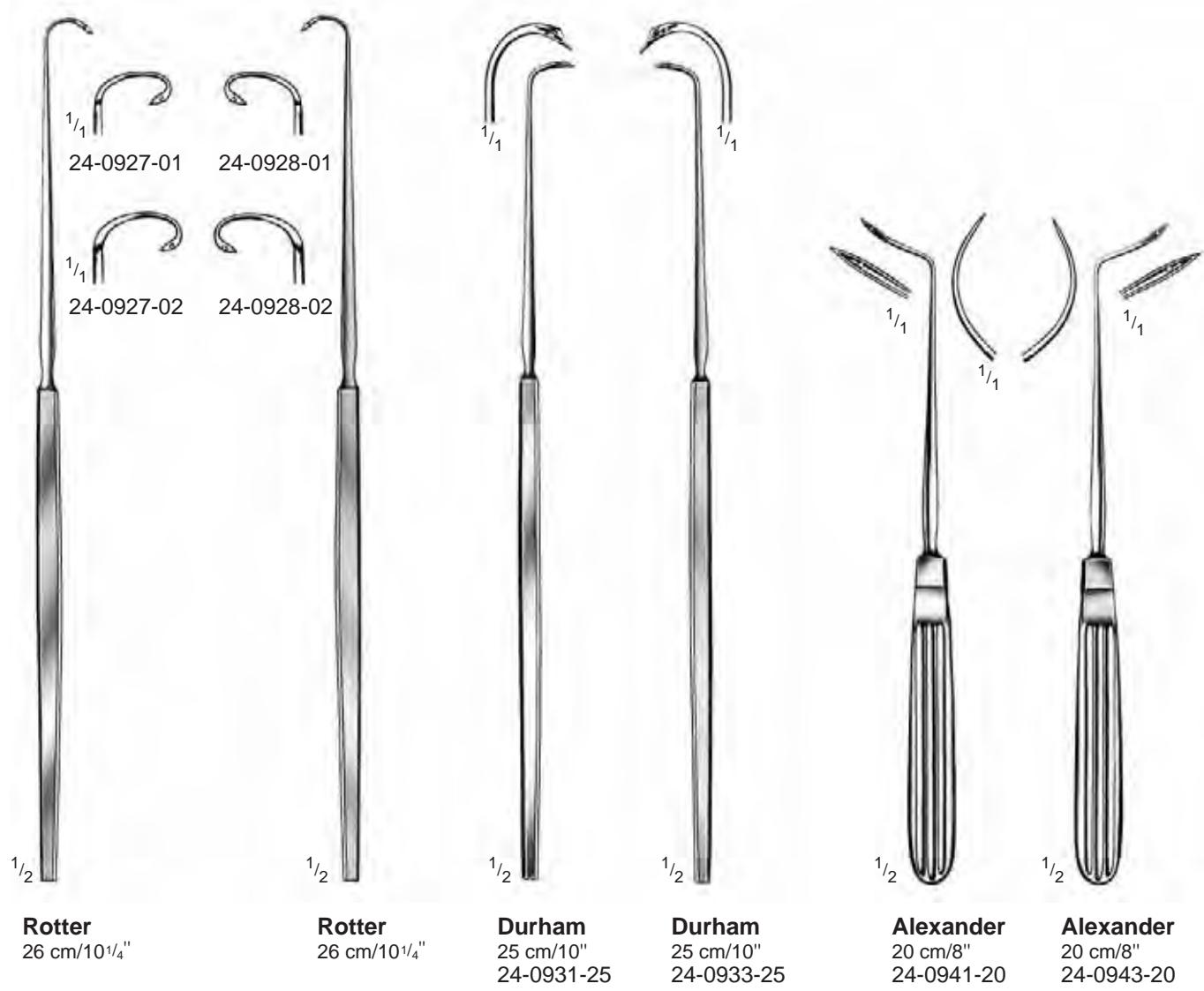
Hurd
 21 cm/8 $\frac{1}{4}$ "
 24-0921-02

Nager
 24 cm/9 $\frac{1}{2}$ "
 24-0923-24

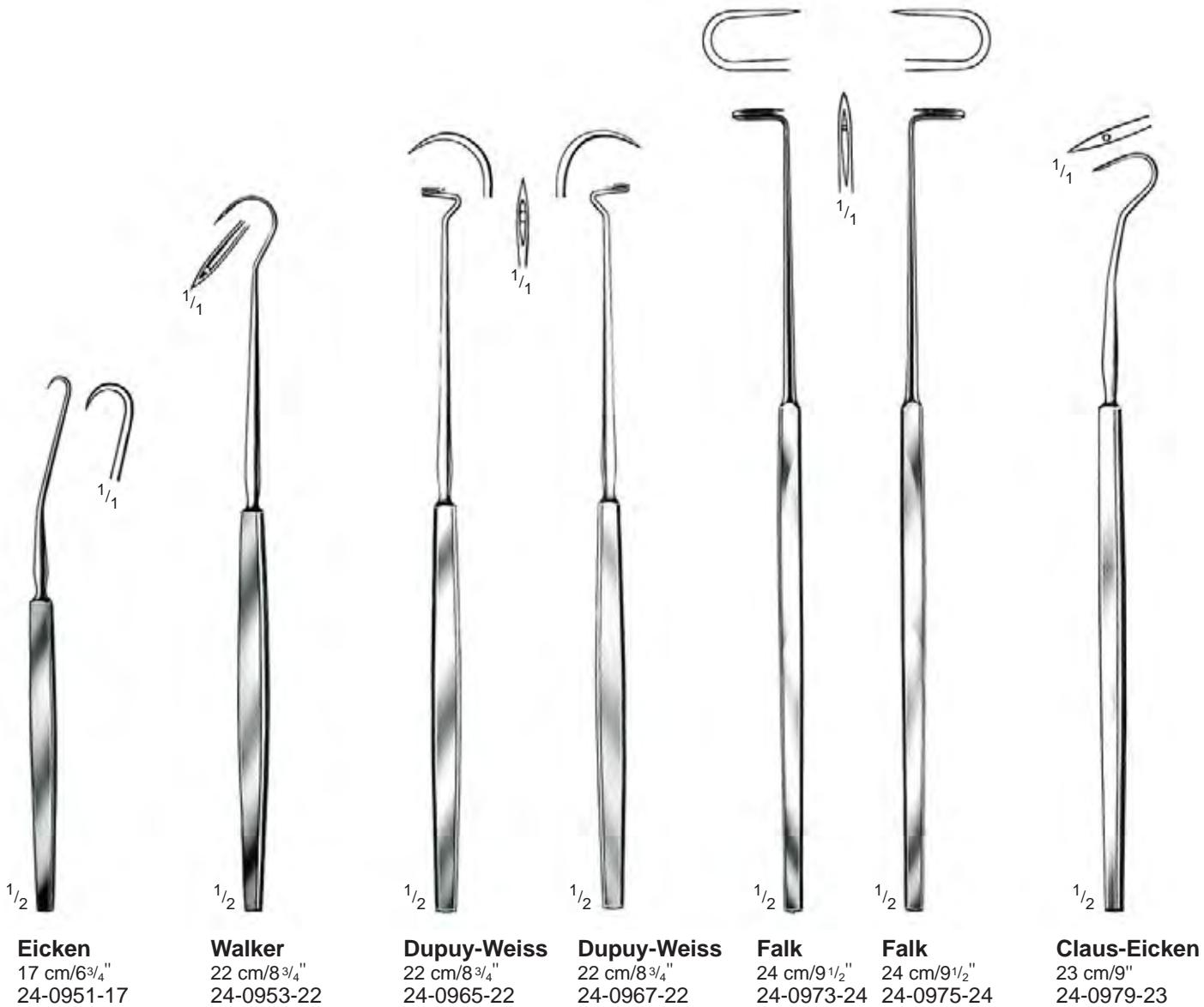


ابزار بخیه
Naht
Suture
Sutura
Suture

Nadeln zur Gaumennaht, Tonsillennadeln
Cleft Palate Needles, Tonsil Needles
Agujas para suturas de amigdalas y del paladar
Aiguilles pour suture du palais, aiguilles pour amygdales

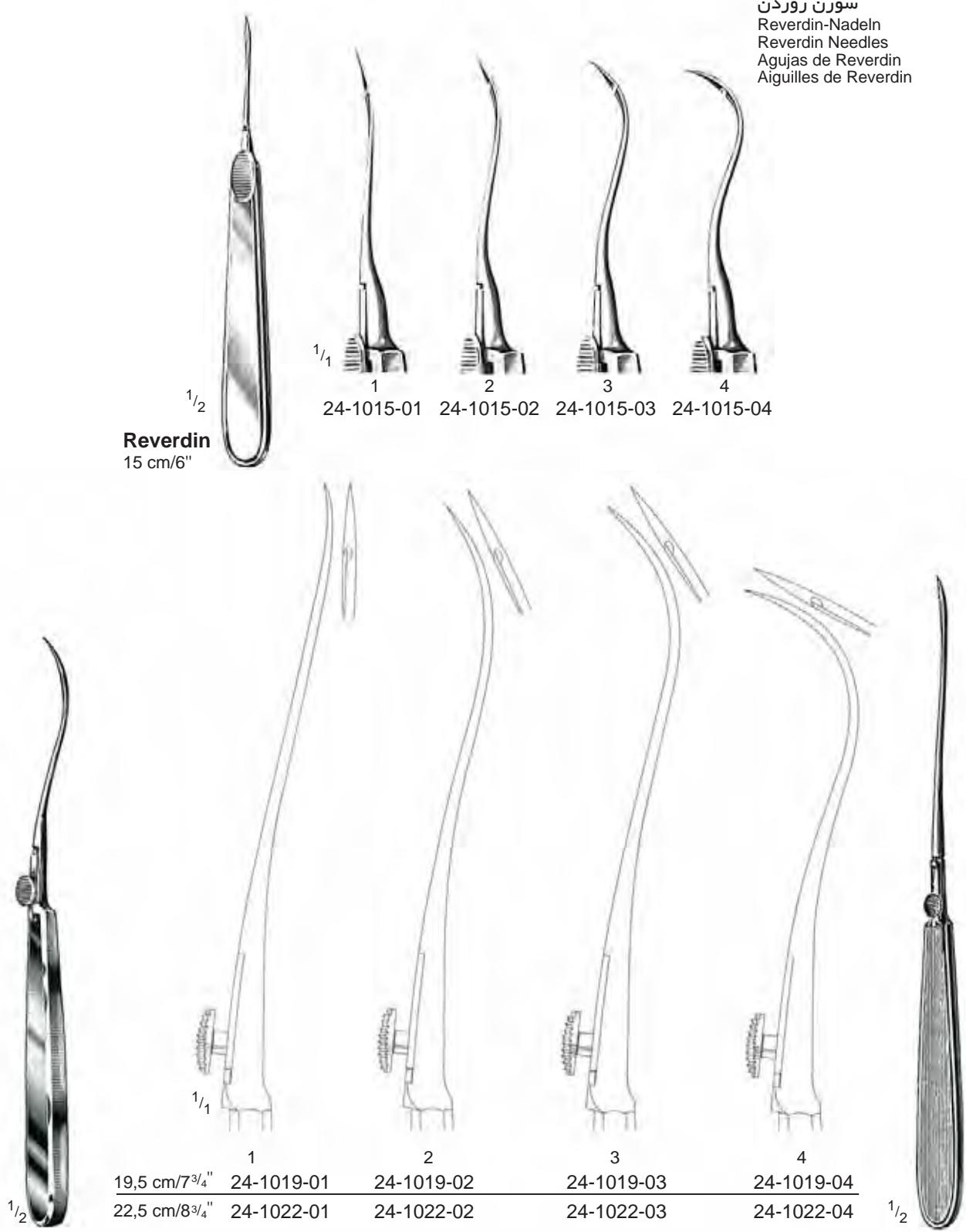


Nadeln zur Gaumennaht, Tonsiellennadeln
 Cleft Palate Needles, Tonsil Needles
 Aguas para suturas de amígdalas y del paladar
 Aiguilles pour suture du palais, aiguilles pour amygdales

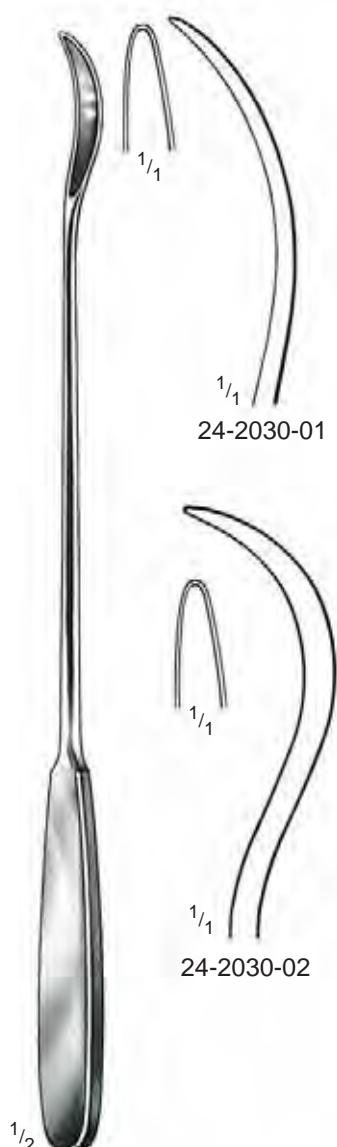




ابزار بخیه
Naht
Suture
Sutura
Suture

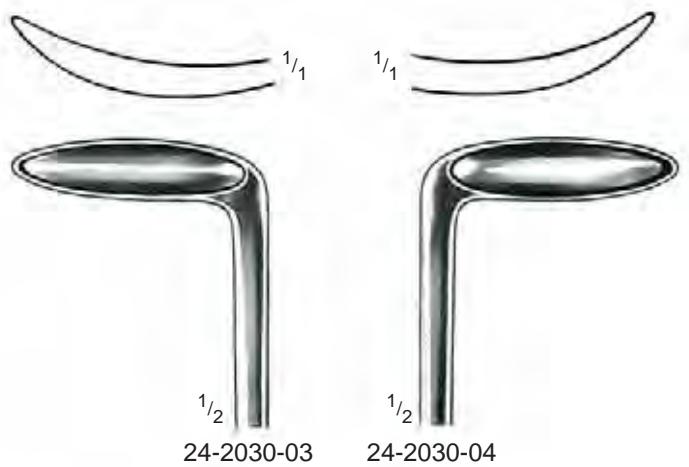


Führungshohlsonden
Ligature Conductors, Guiding Probes
Sondas conductoras
Sondes conductrices, guide-fils



24-2030-01

Brunner
30 cm/12"



24-2030-03

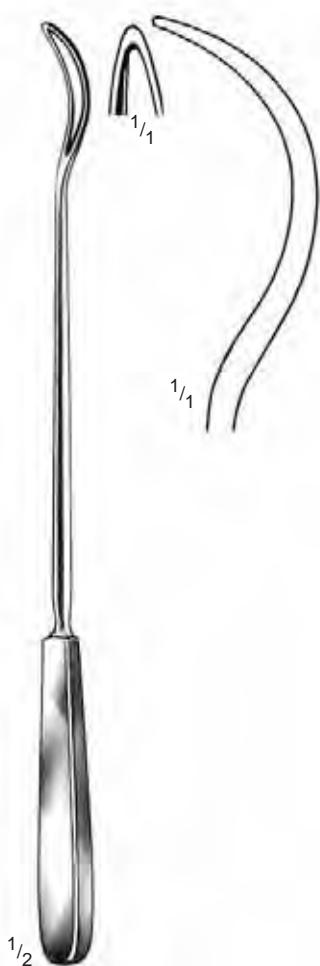
24-2030-04



ابزار بخیه

Naht
Suture
Sutura
Suture

Führungshohlsonden
 Ligature conductors
 Sondas conductoras
 Sondes conductrices



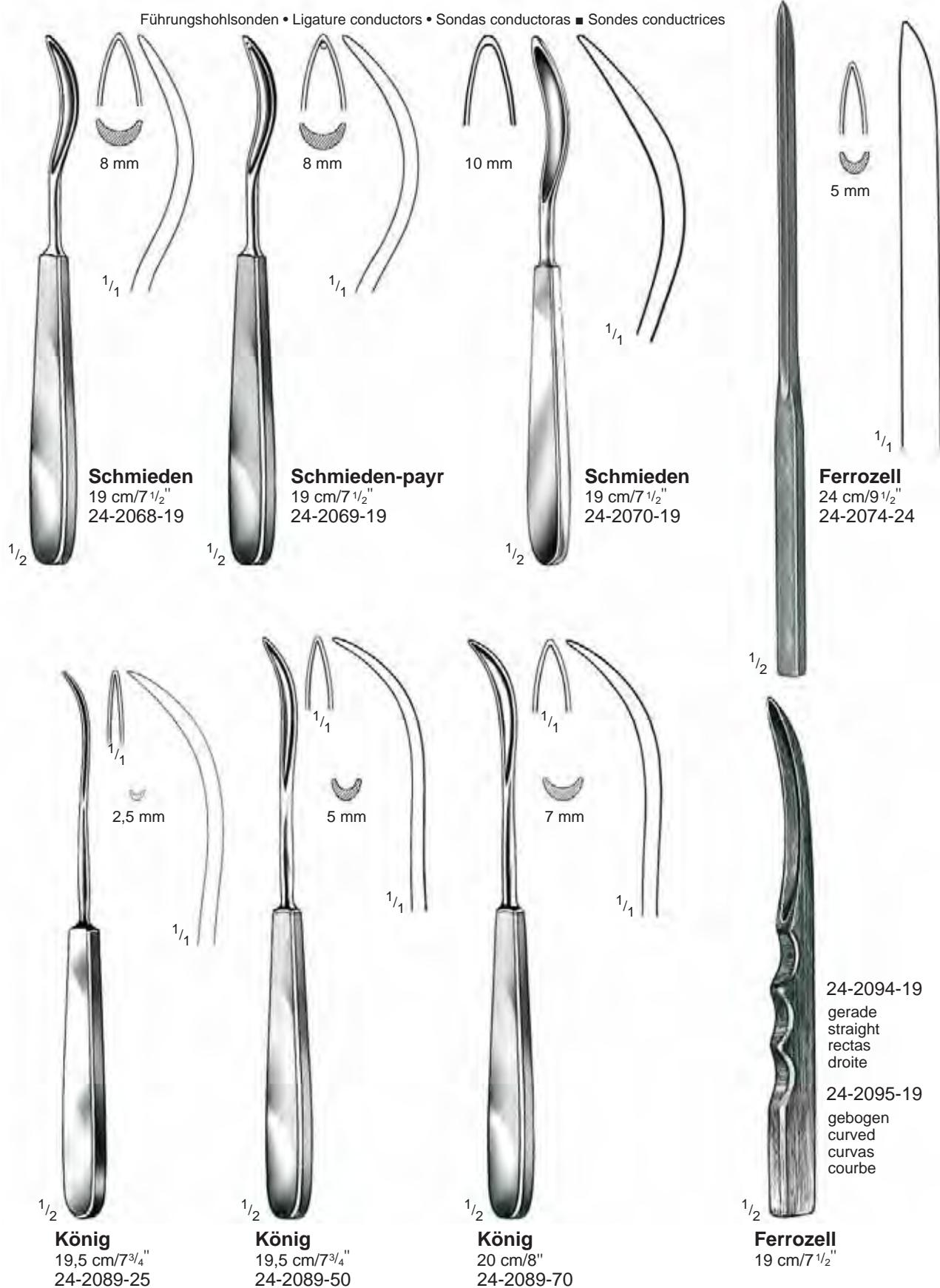
Brunner
 25 cm/10"
 24-2041-25



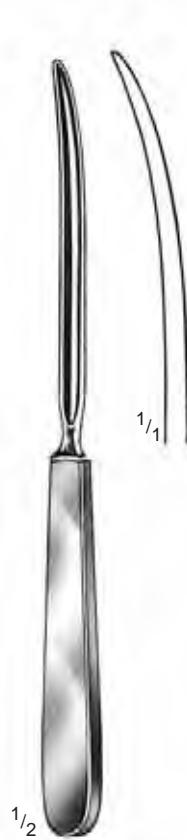
Kirschner
 25,5 cm/10"
 24-2045-25



28 cm/11"
 24-2054-28



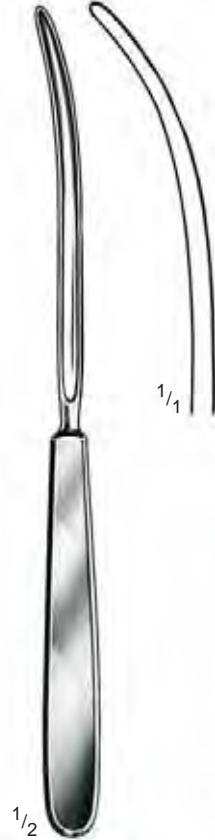
Führungshohlsonden
 Ligature conductors
 Sondas conductoras
 Sondes conductrices



Payr
 20 cm/8"
 24-2111-20



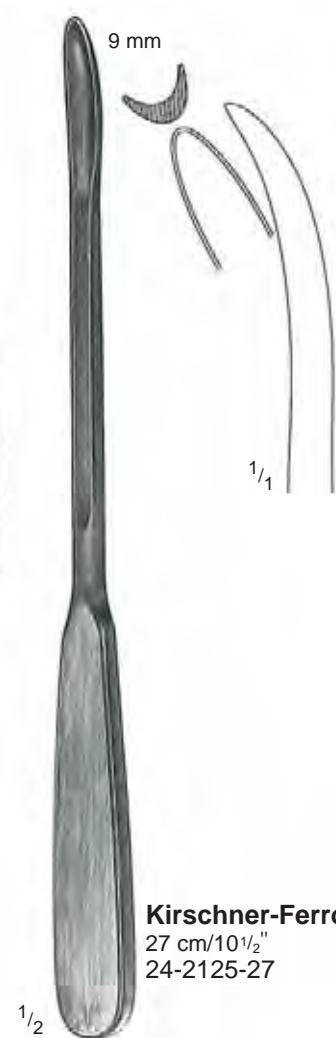
Payr
 22 cm/8¾"
 24-2110-22



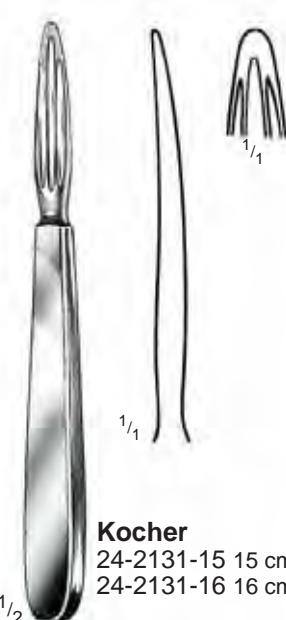
Payr
 22 cm/8¾"
 24-2111-22



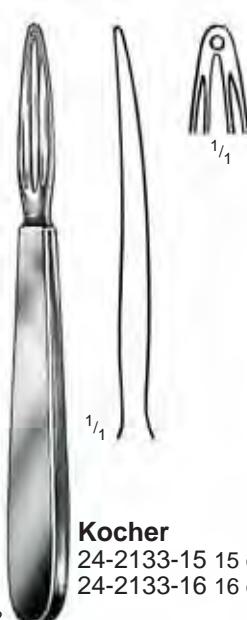
Kirschner-Ferrozell
 18,5 cm/7¼"
 24-2125-18



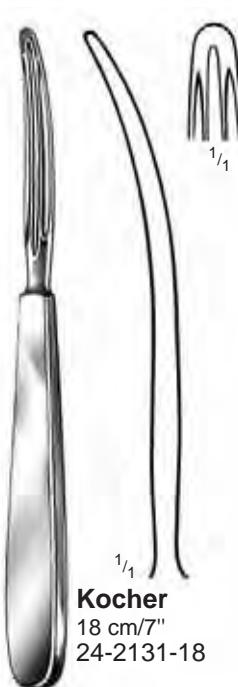
Kirschner-Ferrozell
 27 cm/10½"
 24-2125-27



Kocher
 24-2131-15 15 cm/6"
 24-2131-16 16 cm/6¼"



Kocher
 24-2133-15 15 cm/6"
 24-2133-16 16 cm/6¼"

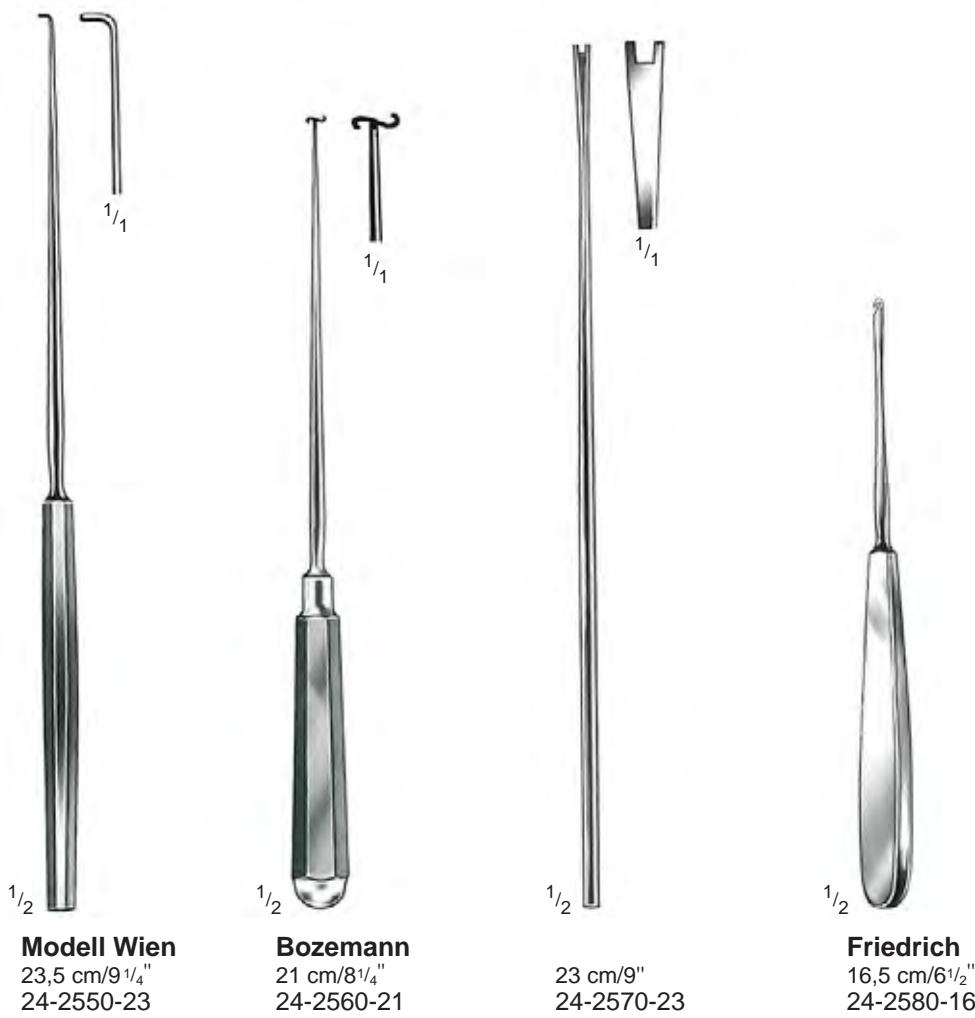


Kocher
 18 cm/7"
 24-2131-18



Kocher
 18 cm/7"
 24-2133-18

Fadenfänger, Fadengabel, Fadenführer
 Suture Hook, Knot Tier, Ligature Carrier
 Porta ligaduras, horchilla 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

Friedrich
 23 cm/9"
 24-2570-23

Friedrich
 16,5 cm/6 1/2"
 24-2580-16



Größen sizes tamaños tailles mm	Verkaufseinheit 1000 St. sales unit 1000 ea. unidad de venta 1000 pzas unità de vente 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 100 St. sales unit 100 ea. unidad de venta 100 pzas unità de vente 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
unità de vente 10 pcs



Raney
24-2813-12
schwarz, black, negro, noir

Kopfhautklammern
Scalp Hemostasis Clips
Clips hemostáticas para
cuero cabelludo
Clamps pour le cuir chevelu

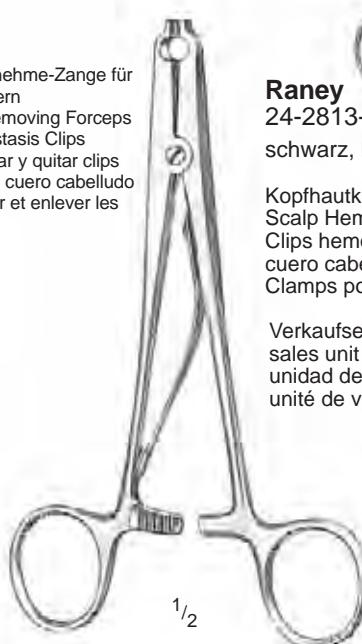
Verkaufseinheit 12 St.
sales unit 12ea.
unidad de venta 12 pzas
unità de vente 12 pcs

Zum Ansetzen und Entfernen
for applying and removing
para poner y quitar
pour poser et enlever



Zum Entfernen
for removing
para quitar
pour enlever

Anlege- und Abnehm-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



Michel
12 cm/4³/₄"
24-2760-12

Collin
13 cm/5"
24-2767-13

Richter-Heath
14 cm/5¹/₂"
24-2769-14

Raney
16 cm/6¹/₄"
24-2812-16



McKenzie
18 cm/7"
24-2900-18

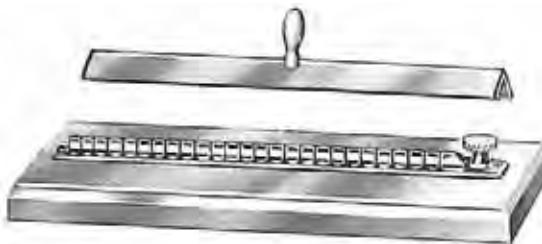
Clip-Biege- und Schneidezange
Clip Bending and Cutting Forceps
Pinza para doblar y cortar clips
Pince pour couper et plier clips



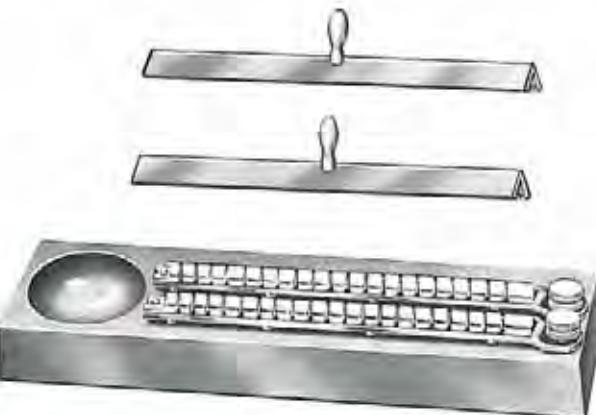
McKenzie 2,5 g
24-2900-25

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

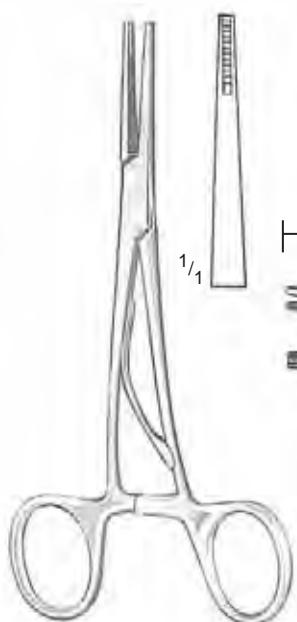
Clip Applying Forceps

Pinzas para poner
las grapas

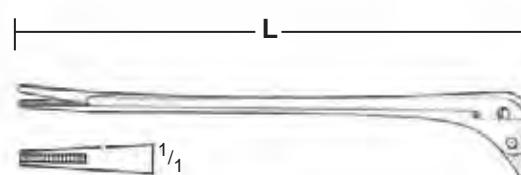
Pince pour poser
les agrafes.



McKenzie
24-2901-15 = 15 cm/6"
24-2901-19 = 19 cm/7½"



McKenzie
24-2903-15 = 15 cm/6"
24-2903-19 = 19 cm/7½"



Olivecrona-Toennnis (Scoville)
L = 14 cm/5½" = 24-2912-14
L = 21 cm/8¼" = 24-2912-21

25



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**

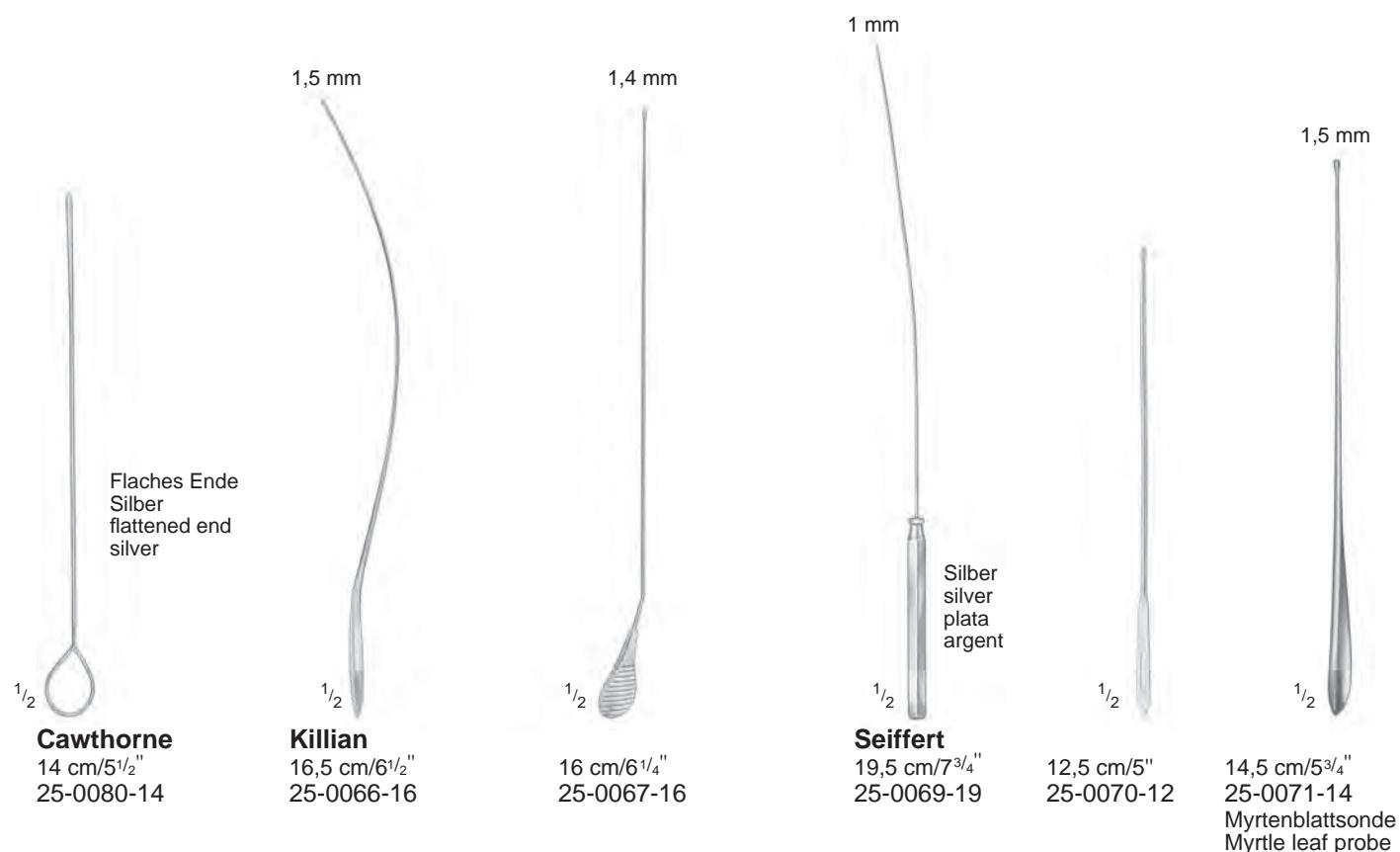
**Sondas, espátulas para
emplastos, porta algodones,
Cánulas de aspiración,
trócares, instrumentos
para tratamiento de las
várices, dilatadores,
Traqueotomia**

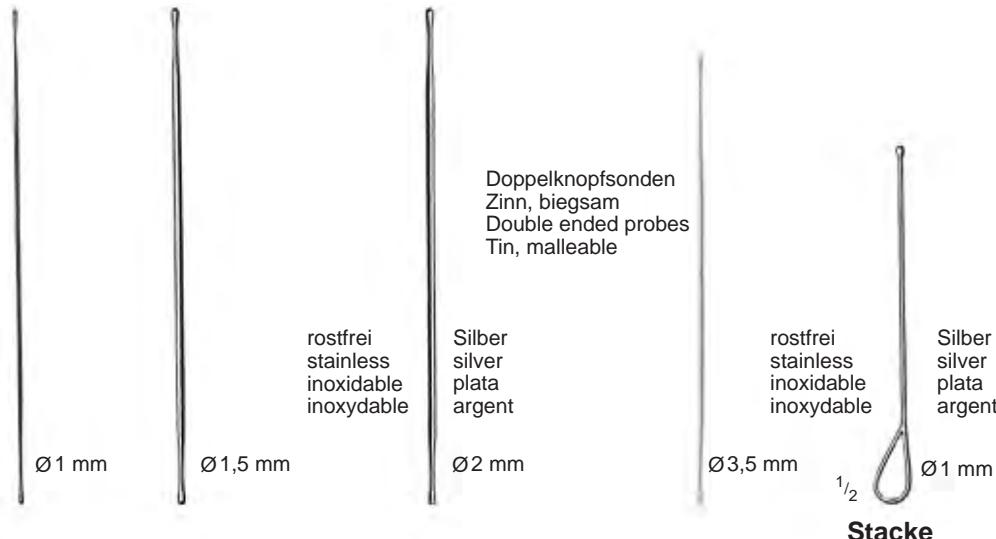
**Sondes, spatules à plâtres,
porte-cotons, Canules à
aspiration,trocarts,
instruments pour
traitement des varices,
dilatateurs, Trachéotomie**

Univer - Made in IRAN



أنواع پروب
Sonden
Probes
Sondas
Sondes



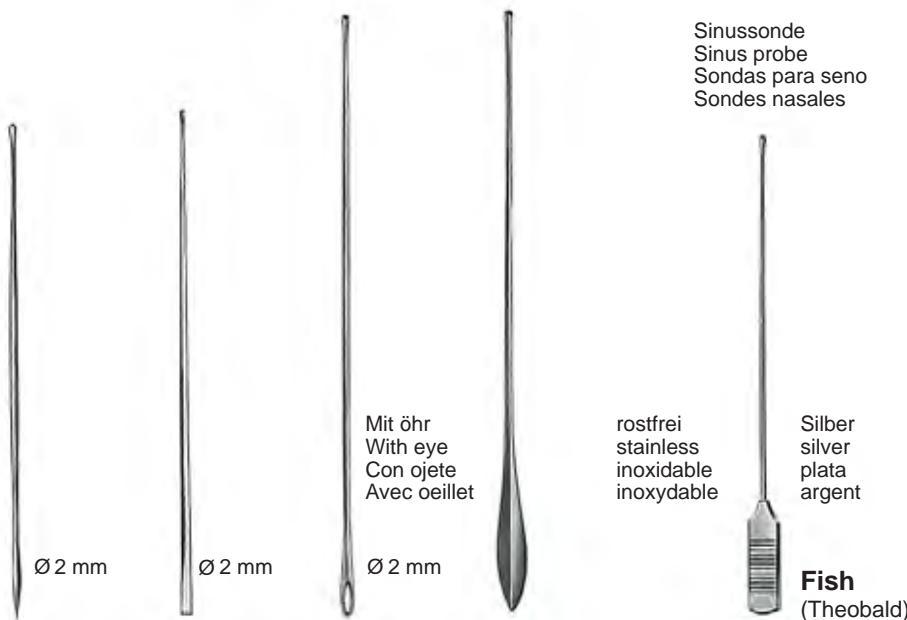


cm	in.	25-0010-11	25-0015-11	25-0020-11	25-0021-11	25-0081-11	25-0082-11
11,5	4 1/2	25-0010-11	25-0015-11	25-0020-11	25-0021-11	25-0081-11	25-0082-11
13	5	25-0010-13	25-0015-13	25-0020-13	25-0021-13		
14,5	5 3/4	25-0010-14	25-0015-14	25-0020-14	25-0021-14		
16	6 1/4	25-0010-16	25-0015-16	25-0020-16	25-0021-16		
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



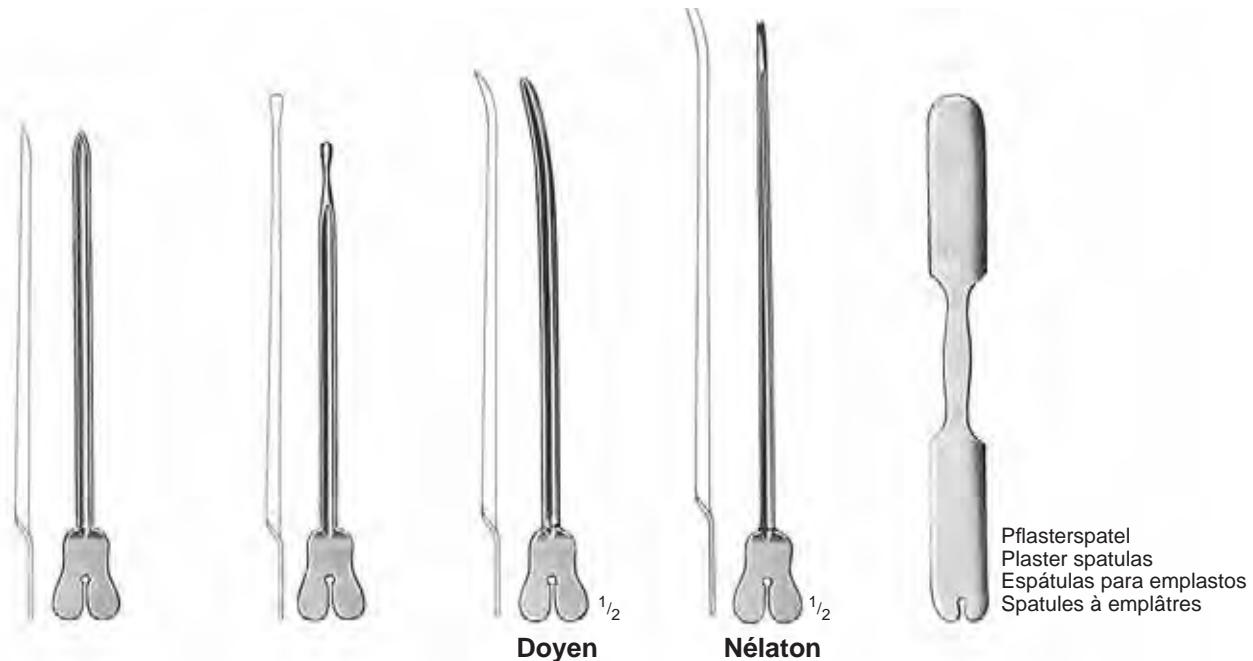
19 cm/7 1/2"
25-0030-19

cm	in.	25-0065-10
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 و اسپاچووا (استیله - کانوله)

Sonden, Watteträger, Spatel
Probes, Cotton Applicators, Spatulas
Sondas, Porta-algodones, Espátulas
Sondes, Porte-cotons, Spatules



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	25-0502-14
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 • Styles 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"

ösennrinnensonde,
biegsam
Director with wire loop,
malleable

1/2
19 cm/7 1/2"
25-0121-19

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



Tränenkanaldilatatoren
Lachrymal Dilators
Dilatadores para canal lagrimal
Dilatateurs pour le canal lacrymal

Fig. 1 Fig. 3 Fig. 5



Seiffert
18 cm/7"
25-0259-18



Fig. 2 Fig. 4 Fig. 6

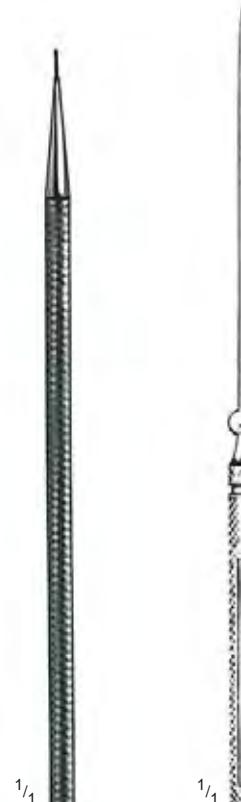
Ziegler
14 cm/5¹/₂"
25-0354-12 Fig. 1/2
25-0354-34 Fig. 3/4
25-0354-56 Fig. 5/6



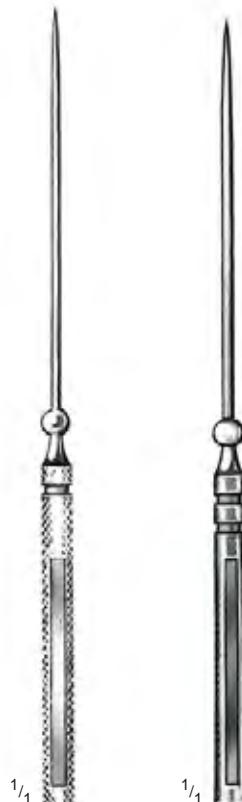
Castroviejo
12,5 cm/5"
25-0364-12



Raverdino
8,5 cm/3¹/₄"
25-0374-09



Muldoon
10 cm/4"
25-0376-10



Simpson
10,5 cm/4"
25-0380-01 **Simpson**
10,5 cm/4"
25-0380-02



انواع پنبه پیچ (اپلیکاتور)
Watteträger
Cotton Applicators
Porta-algodones
Porte-cotons



Piccolo-0,8 mm
11 cm/4½"
25-0631-08

Piccolo-0,8 mm
11 cm/4½"
25-0632-08

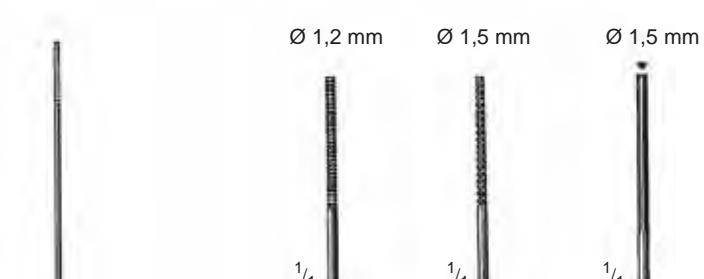
Liebermann-1,5 mm
14 cm/5½"
25-0642-14

Universal

	cm	in.	Ø 1,5 mm	Ø 1,5 mm
12	4 ¾	25-0655-12	25-0656-12	
14	5 ½	25-0655-14	25-0656-14	
16	6 ¼	25-0655-16	25-0656-16	
18	7	25-0655-18	25-0656-18	
23	9	25-0655-23	25-0656-23	

	cm	in.	Ø 1,2 mm	Ø 1,2 mm	Ø 1,4 mm
12	4 ¾	25-0712-12	25-0732-12	25-0742-12	
14	5 ½	25-0712-14	25-0732-14		
16	6 ¼	25-0712-16	25-0732-16		
18	7	25-0712-18	25-0732-18		
23	9	25-0712-23	25-0732-23		

Farrell



	cm	in.	Ø 1,2 mm	Ø 1,5 mm	Ø 1,5 mm
12	4 ¾	25-0812-12	25-0815-12	25-0816-12	
14	5 ½	25-0812-14	25-0815-14	25-0816-14	
16	6 ¼	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

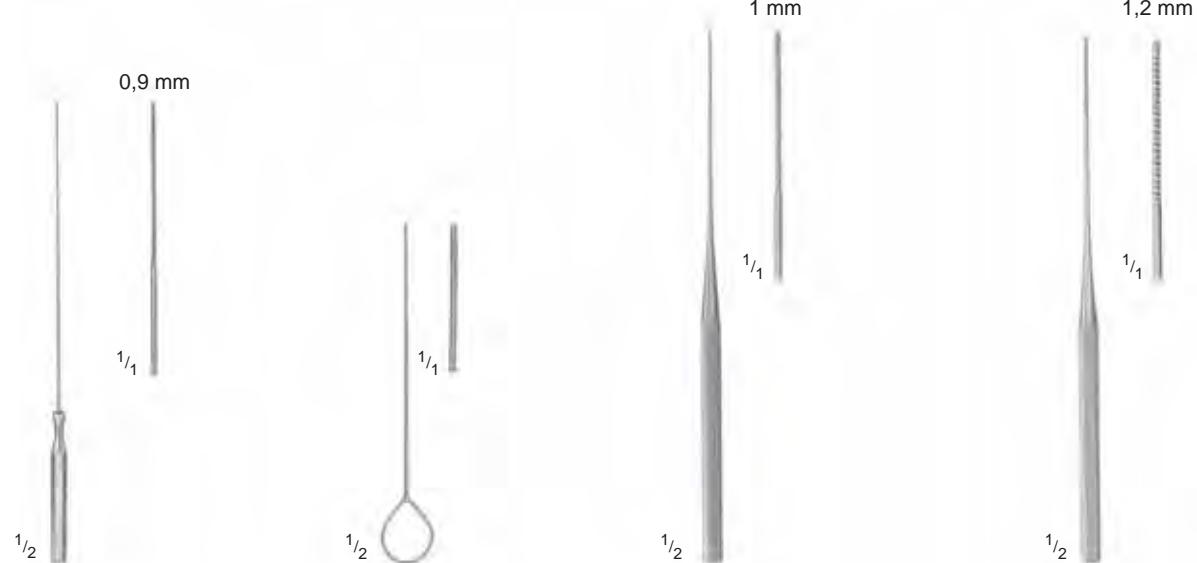
Cotton Applicators

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



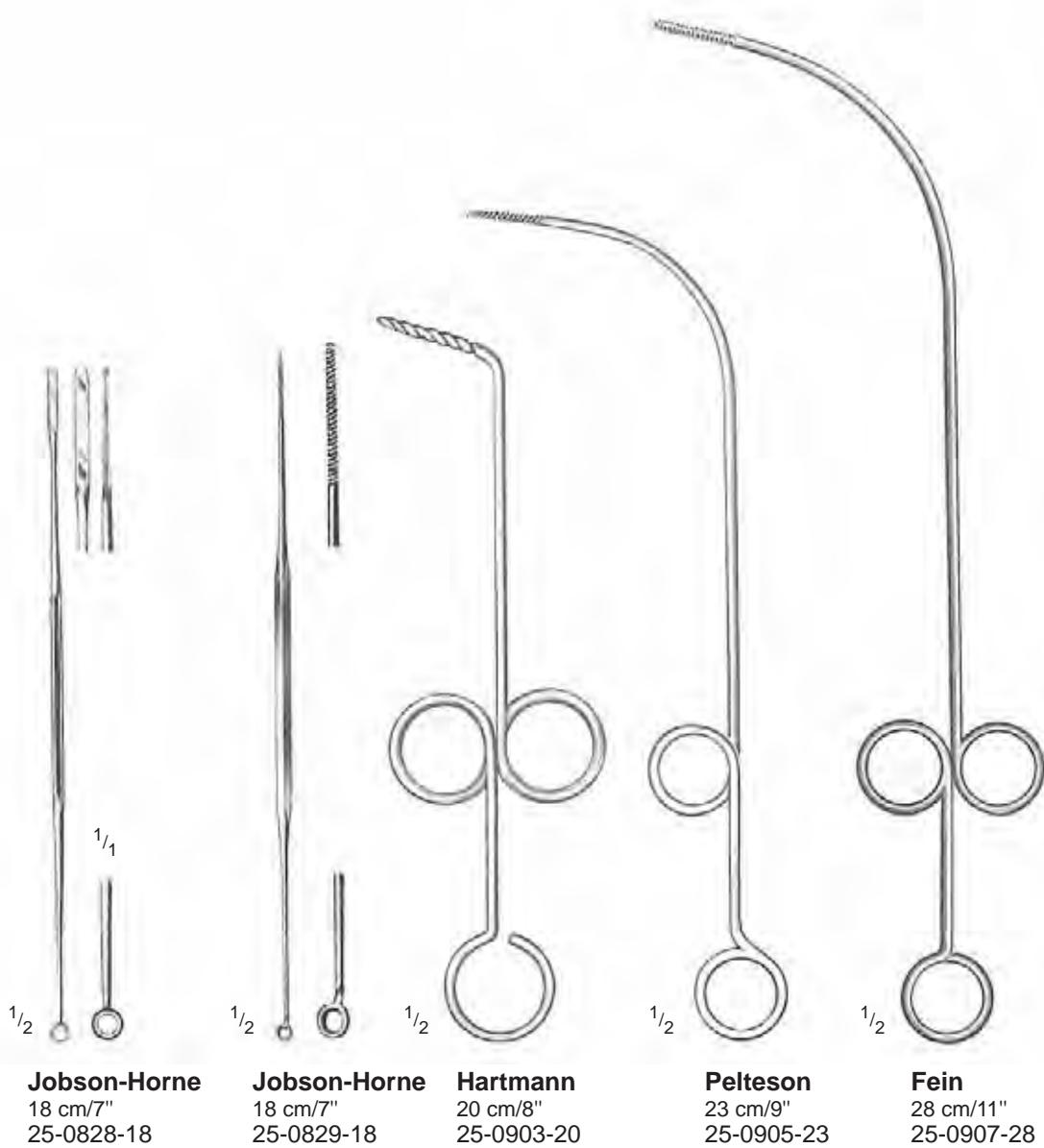
Lathbury-farrell
16 cm/6¹/₄"
25-0842-16

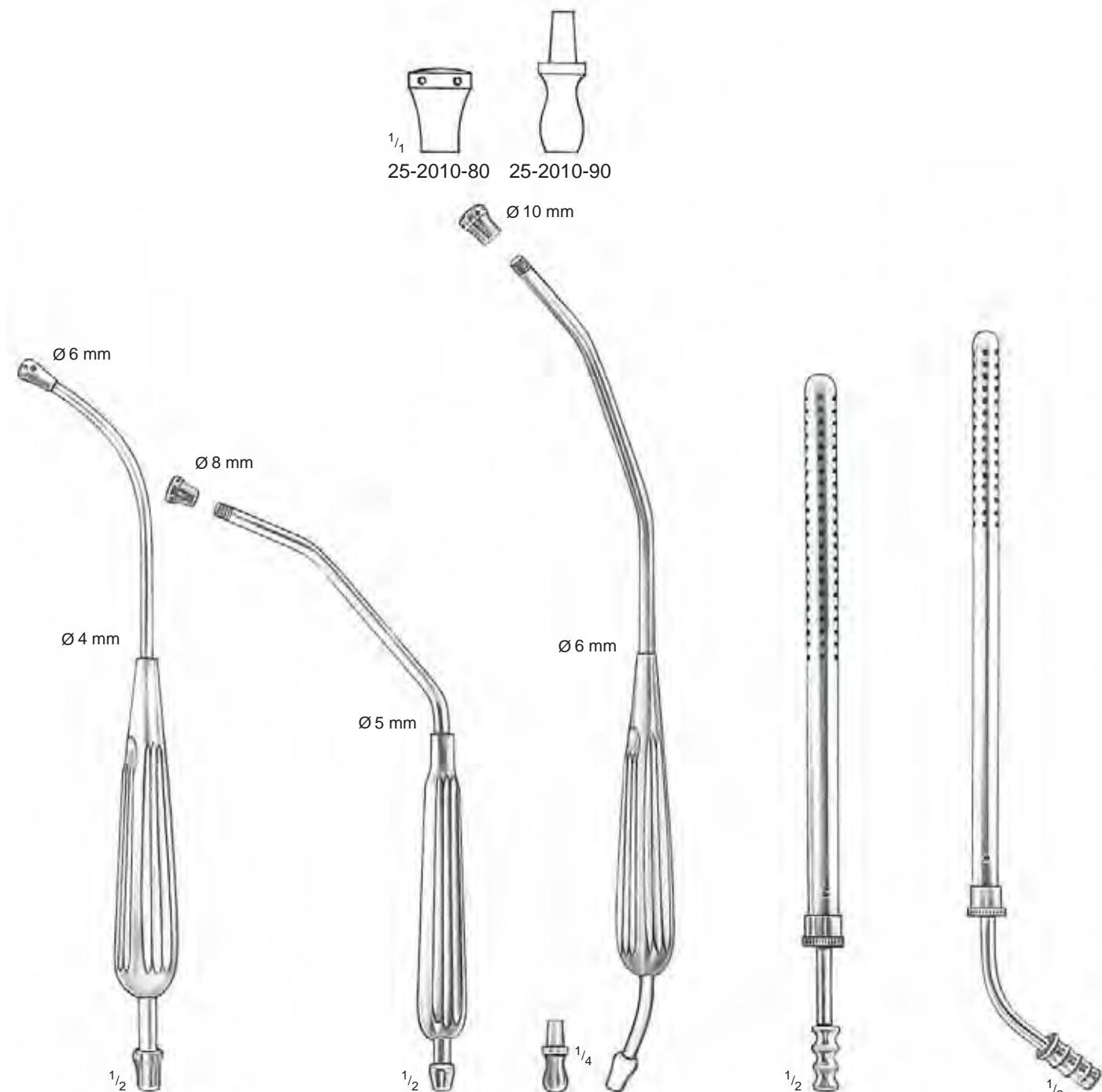
18 cm/7"
25-0860-18

18 cm/7"
25-0862-18



انواع پنبه پیچ (اپلیکاتور)
Watteträger
Cotton Applicators
Porta-algodones
Porte-cotons





Andrew-Pynchon
24 cm/9 1/2"
25-2004-24

Baby-Yankauer
21 cm/8 1/4"
25-2010-21

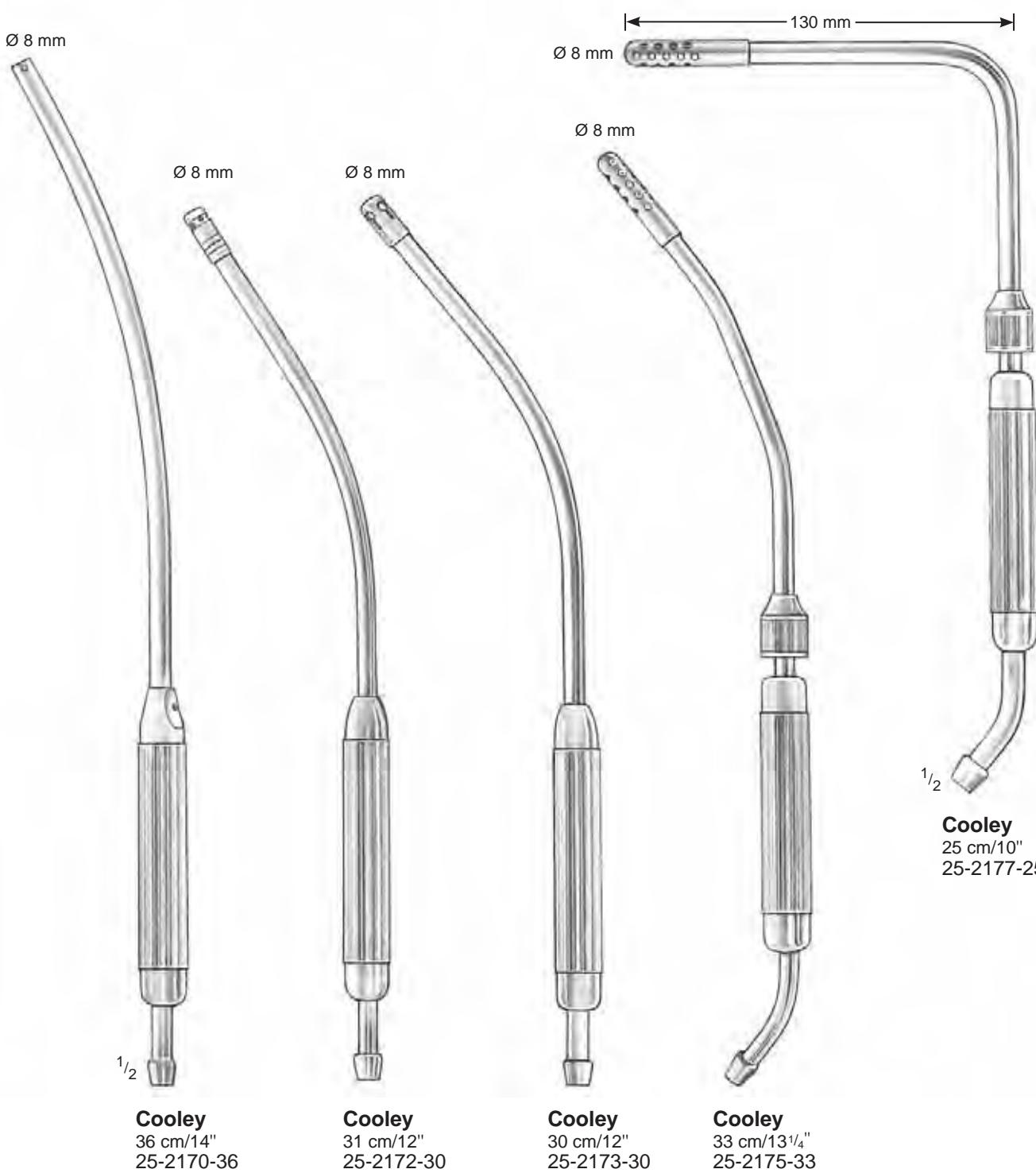
Yankauer
29,5 cm/11 1/2"
25-2010-29
mit Schlaucholive
with metal connection
con oliva de tuba
avec olive en métal

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



انواع سرساکشن
Saugrohre
Suction Tubes
Tubos aspiradores
Tubes d'aspiration



أنواع سرساكسن و كانولا

Saugrohre

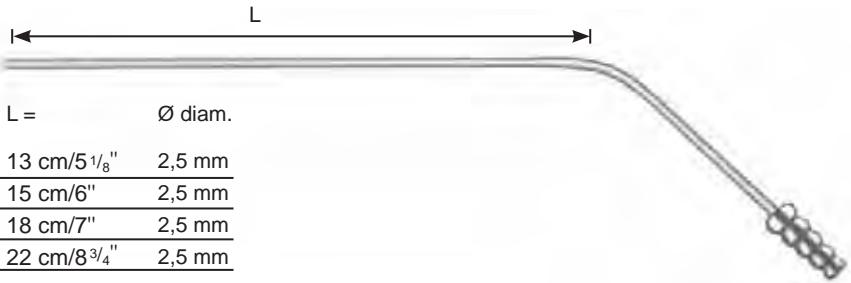
Suction Tubes and cannula

Tubos aspiradores

Tubes d'aspiration



25



Yasargil

L =	Ø diam.
25-2305-13	13 cm/5 1/8"
25-2305-15	15 cm/6"
25-2305-18	18 cm/7"
25-2305-22	22 cm/8 3/4"

L =	Ø diam.
25-2306-13	13 cm/5 1/8"
25-2306-15	15 cm/6"
25-2306-18	18 cm/7"
25-2306-22	22 cm/8 3/4"

25-2307-13	13 cm/5 1/8"	2,0 mm
25-2307-15	15 cm/6"	2,0 mm
25-2307-18	18 cm/7"	2,0 mm
25-2307-22	22 cm/8 3/4"	2,0 mm

25-2308-13	13 cm/5 1/8"	3,5 mm
25-2308-15	15 cm/6"	3,5 mm
25-2308-18	18 cm/7"	3,5 mm
25-2308-22	22 cm/8 3/4"	3,5 mm

25-2309-18	18 cm/7"	4,5 mm
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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

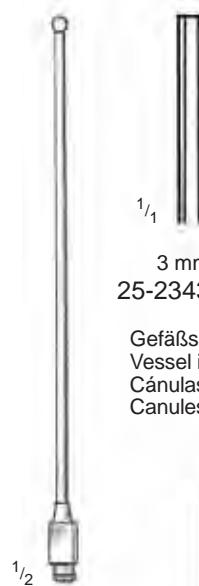


Elsberg

11 cm/4 3/4"	25-2342-11
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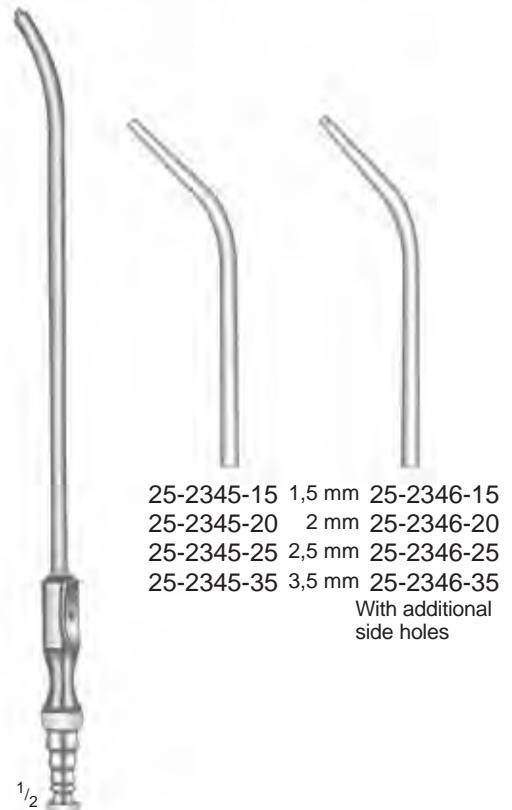


انواع سرساکشن
Saugrohre
Suction Tubes
Tubos aspiradores
Tubes d'aspiration



3 mm 4 mm 5 mm 6 mm
 25-2343-30 25-2343-40 25-2343-50 25-2343-60

Gefäßspülkanülen, biegbar, versilbert
 Vessel irrigating cannulas, malleable, silver plated
 Cánulas vasculares para irrigación, maleables, plateadas
 Canules pour lavage des vaisseaux, malléables, argentées



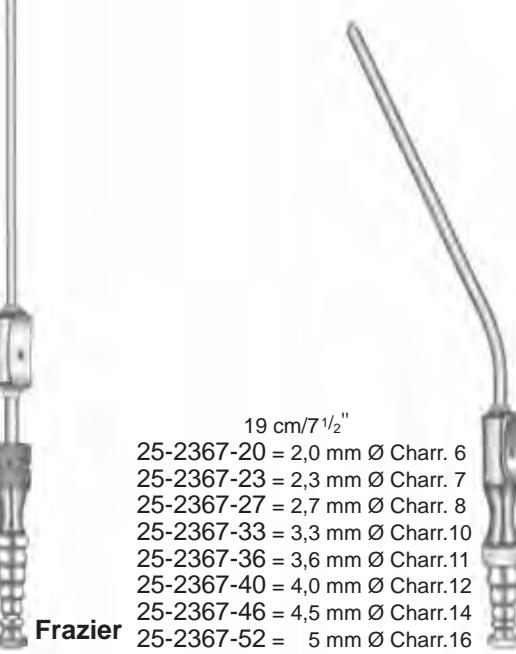
25-2345-15 1,5 mm 25-2346-15
 25-2345-20 2 mm 25-2346-20
 25-2345-25 2,5 mm 25-2346-25
 25-2345-35 3,5 mm 25-2346-35
 With additional side holes



Schmid LLA
 15 cm/6"

Adson Charr. 12
 21 cm/8 1/4", 4 mm Ø
 25-2345-40

mit Saugunterbrecher und Mandrin,
 Griffplatte 90° zur Biegung, LUER-Bohrung
 with finger cut-off and stylet, thumb piece
 90° to curve, with LUER hub



24 cm/9 1/2"
 3 mm
 25-2353-30

Frazier

19 cm/7 1/2"

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

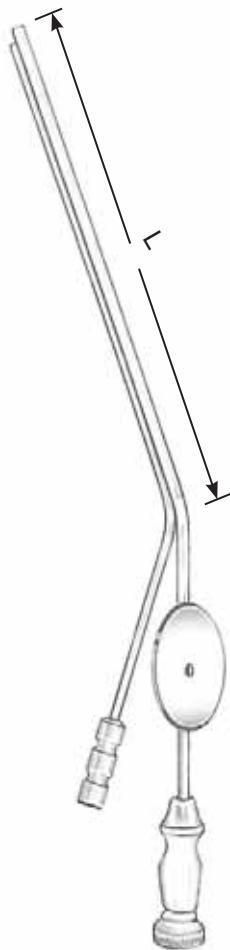
18 cm/7"

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



Fergusson

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

**House-Luer****L = 9 cm/3½"**

Saugrohr	Spülrohr
Suction tube	Irrigation tube
Tubo de aspiración	Tubo de irrigación
Tube aspirateur	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	Spülrohr
Suction tube	Irrigation tube
Tubo de aspiración	Tubo de irrigación
Tube aspirateur	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 conexión, 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

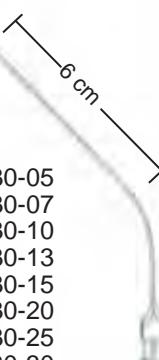
Set handle with
 three LUER-LOCK
 attachment
 25-2426-20
 Set handle with
 four LUER-LOCK
 attachment
 25-2426-24

Set handle with
 two LUER-LOCK
 attachment
 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

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

Rosen

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/7½"



نوع سرساکشن
Saugrohre
Suction Tubes
Tubos aspiradores
Tubes d'aspiration

Saug- und Spülinstrumente
Aspirating and Irrigating Instruments
Instrumentos de aspiración y de lavado
Instruments à aspiration et à irrigation



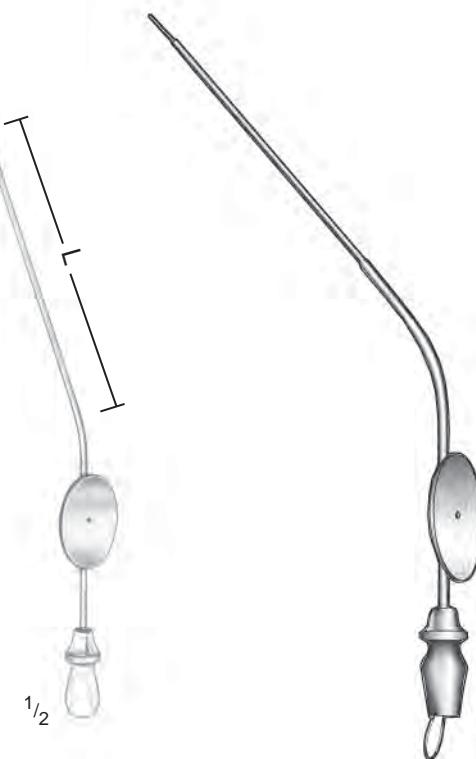
mit Luer-Konus
with Luer cone
con cono Luer
à cône Luer

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

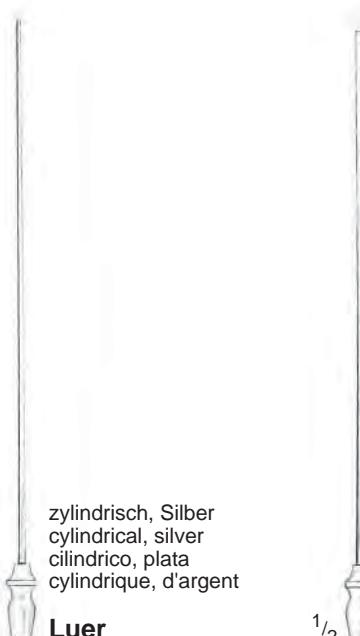


Baron (Schuknecht)
Ø charr. xL mm

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



Luer

Wullstein
16 cm/6 1/4"
25-2502-15 Ø 1,5 mm
25-2502-20 Ø 2,0 mm



Luer

Wullstein
16 cm/6 1/4"
25-2506-30



Wullstein
10,5 cm/4 1/4"
25-2510-50

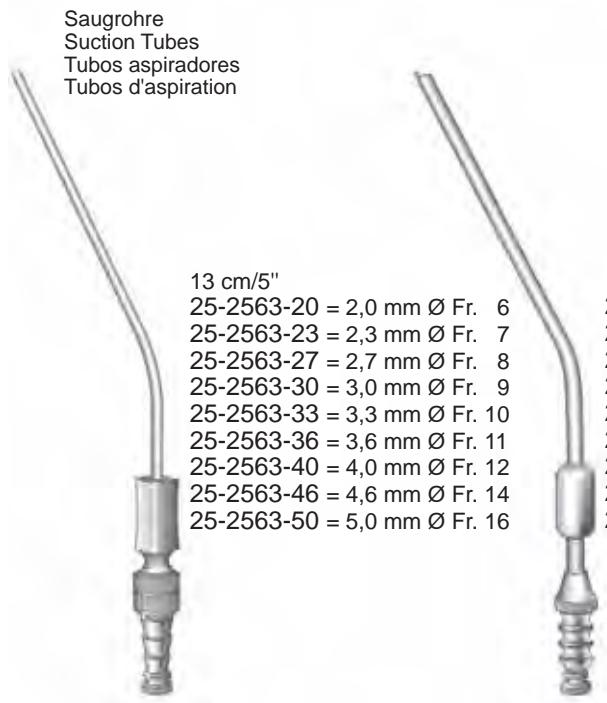
Spül- und Saughandgriff nach Wullstein, mit Unterbrecherplatte, passend für die Spül- und Absaugröhren nach Wullstein.

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.

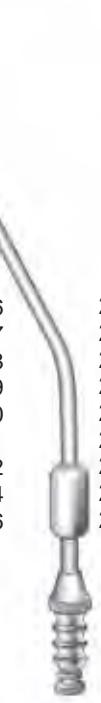


Saugrohre
Suction Tubes
Tubos aspiradores
Tubos d'aspiration



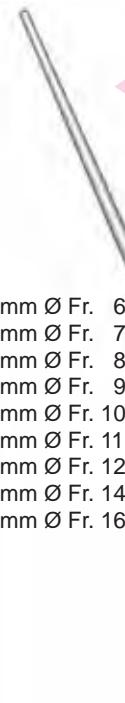
13 cm/5"
25-2563-20 = 2,0 mm Ø Fr. 6
25-2563-23 = 2,3 mm Ø Fr. 7
25-2563-27 = 2,7 mm Ø Fr. 8
25-2563-30 = 3,0 mm Ø Fr. 9
25-2563-33 = 3,3 mm Ø Fr. 10
25-2563-36 = 3,6 mm Ø Fr. 11
25-2563-40 = 4,0 mm Ø Fr. 12
25-2563-46 = 4,6 mm Ø Fr. 14
25-2563-50 = 5,0 mm Ø Fr. 16

Frazier



25-2564-20 = 2,0 mm Ø Fr. 6
25-2564-23 = 2,3 mm Ø Fr. 7
25-2564-27 = 2,7 mm Ø Fr. 8
25-2564-30 = 3,0 mm Ø Fr. 9
25-2564-33 = 3,3 mm Ø Fr. 10
25-2564-36 = 3,6 mm Ø Fr. 11
25-2564-40 = 4,0 mm Ø Fr. 12
25-2564-46 = 4,6 mm Ø Fr. 14
25-2564-50 = 5,0 mm Ø Fr. 16

Frazier



14,5 cm/5 3/4"
Inside outside
25-2565-10 = 1,0 mm x 2,0 mm
25-2565-12 = 1,2 mm x 2,2 mm
25-2565-15 = 1,5 mm x 2,5 mm
25-2565-20 = 2,0 mm x 3,0 mm

Unit auditive



Hartmann

Nasen-Saugrohre
Nasal Suction Tubes
Aspiradores nasales
Aspirateurs nasaux

tip 6,5 mm



16 cm/6 1/4"
5,0 mm Ø
25-2568-50

Luer

Magill
20,5 cm/8"

1/2

Innen Ø
Inner Ø
Ø interior
Ø intérieur

1 mm 25-2861-10
2 mm 25-2861-20
3 mm 25-2861-30

1/2

Stirnhöhlen-Dilatatoren
Frontal Sinus Bougies
Dilatadores para el seno frontal
Dilatateurs pour sinus frontal

2,0 mm
25-2600-20

2,5 mm
25-2600-25 3,0 mm
25-2600-30

4,0 mm
25-2600-40 5,0 mm
25-2600-50

Ritter-Halle
16 cm/6 1/4"



أنواع كاتولاي شستشوي سينوس و گوش

Saugrohre

Ohr-, Kiefer- und Stirnhöhlen-Spülkanülen

Suction Tubes

Ear, Antrum and Frontal Sinus Wash Cannulas

Tubos aspiradores

Cáñulas 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

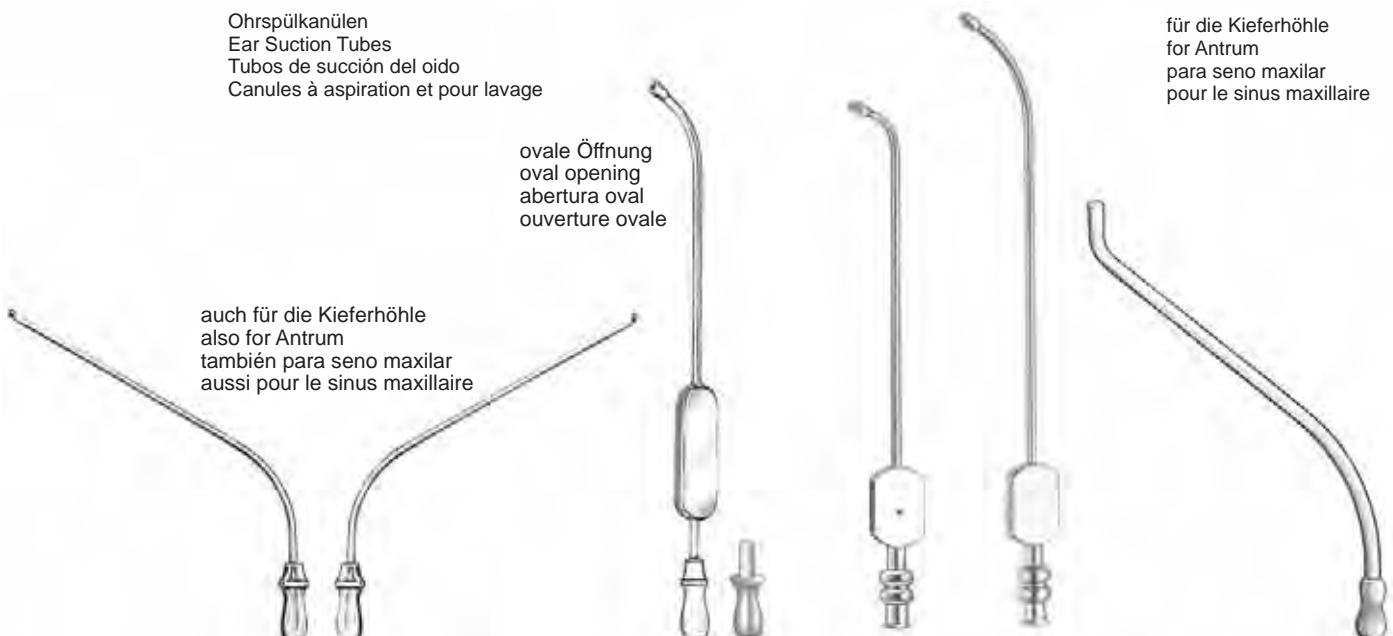
Canules à aspiration et pour lavage

für die Kieferhöhle

for Antrum

para seno maxilar

pour le sinus maxillaire

ovale Öffnung
oval opening
abertura oval
ouverture ovaleauch 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/5 3/4"	
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	2,5 mm
25-2615-03	3,0 mm
25-2615-04	4,0 mm

Hartmann

12 cm/4 3/4"	
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

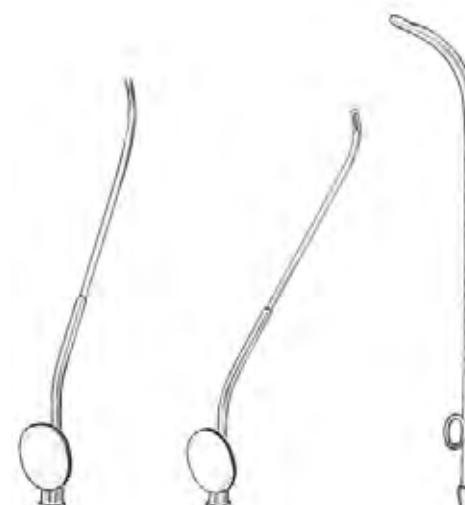
für die Stirnhöhle
for frontal sinus
para seno frontal
pour le sinus frontal

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**

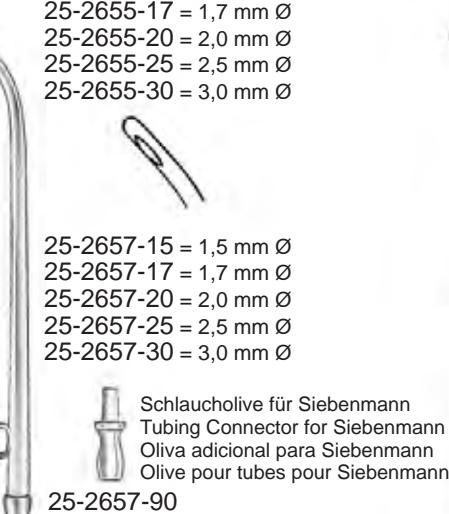
11 cm/4 1/4"	
25-2641-01	

Van Alyea

11 cm/4 1/4"	
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	

Ohrkatheter
Eustachian Catheters
Sondas auriculares
Sondes auriculaires



Hartmann

- | | | | |
|---|------------|------|--------|
| ● | 25-2700-30 | mm Ø | 3,0 mm |
| ● | 25-2700-35 | | 3,5 mm |
| ● | 25-2700-40 | | 4,0 mm |
| ● | 25-2700-45 | | 4,5 mm |
| ● | 25-2700-50 | | 5,0 mm |
| ● | 25-2700-55 | | 5,5 mm |



Itard

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



25-2700-90



biegsam
malleable
maleable
malléable

Saug-Raspatorien
Suction Raspatories
Legras de aspiración
Ruginas d'aspiration

$\frac{1}{2}$

Guillen

- 20 cm/8"
25-2801-40 4 mm Ø
25-2801-50 5 mm Ø

L

Olive
Ø 6-9 mm $\frac{1}{2}$
L = 25,5 cm / 10"
25-2815-20 2,0 mm Ø
25-2815-25 2,5 mm Ø
25-2815-30 3,0 mm Ø

for Bronchoscopy

for Laryngoscopy
(Kleinsasser)



سوzen 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

Trocár universal con 3 puntas fig. 2, 3,4

Trocart universel avec 3 embouts fig. 2,3,4

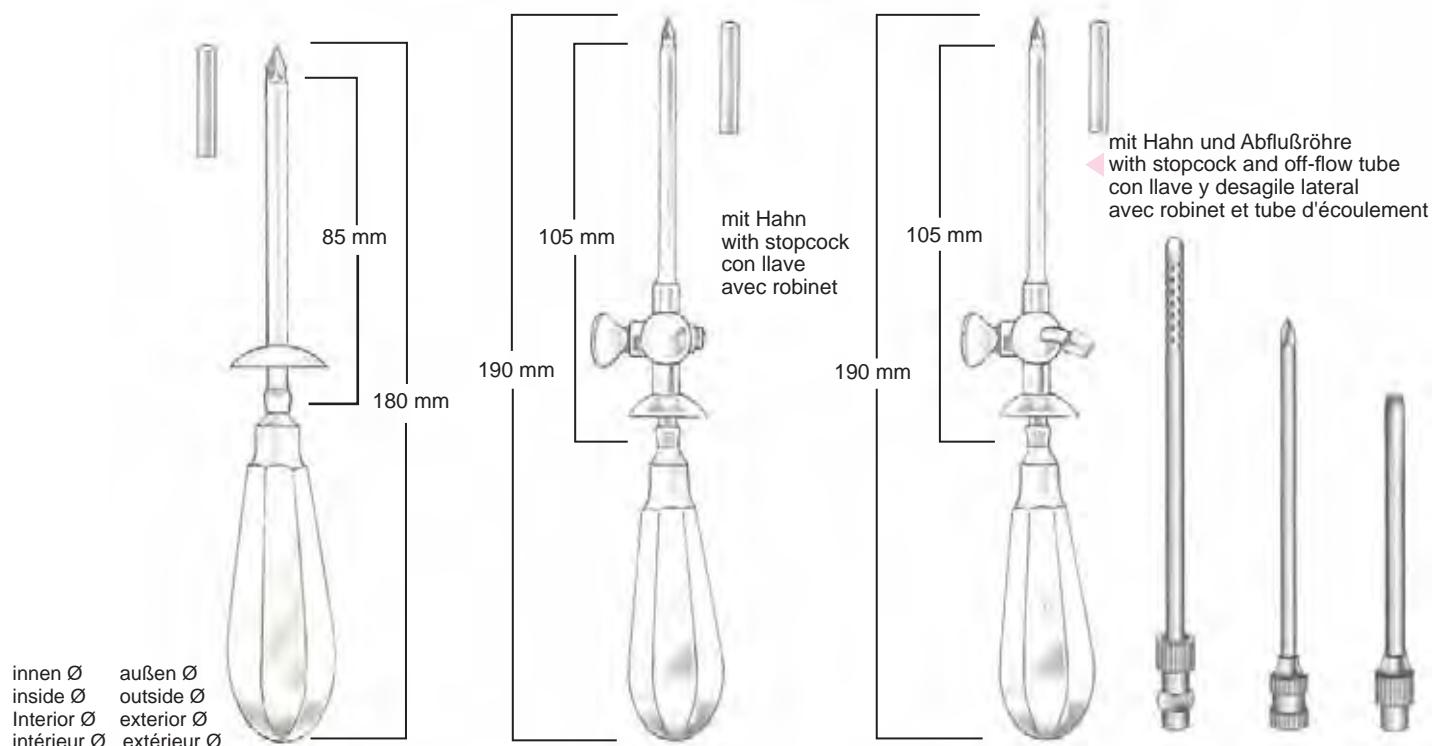
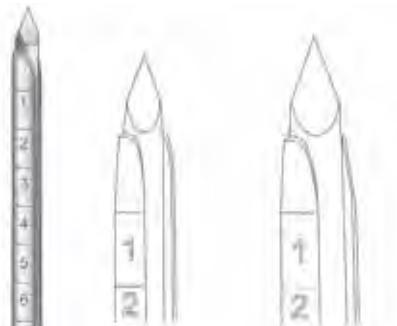
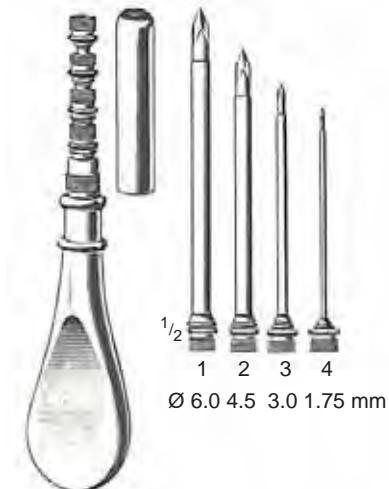
25-3004-00

Universaltrokar mit 4 Aufsätzen

Universal trocar with 4 tips

Trócar universal con 4 puntas

Trocart universel avec 4 embouts



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

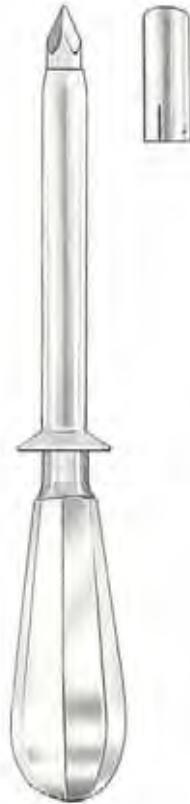
Standard
25-3014-30
25-3014-40
25-3014-50
25-3014-60

Duke
11 cm/4 1/2"
5,5 mm Ø

25-3015-11

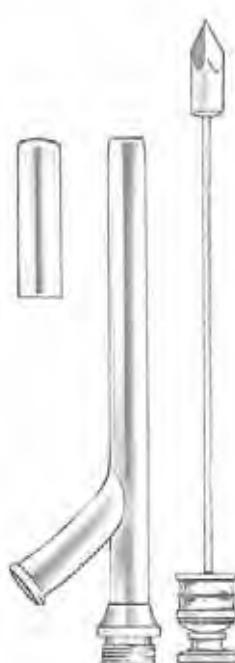


Nelson

Fig. 1
25-3020-75Fig. 2
25-3020-90Fig. 3
25-3021-05Fig. 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
Trocatt pour cathéter

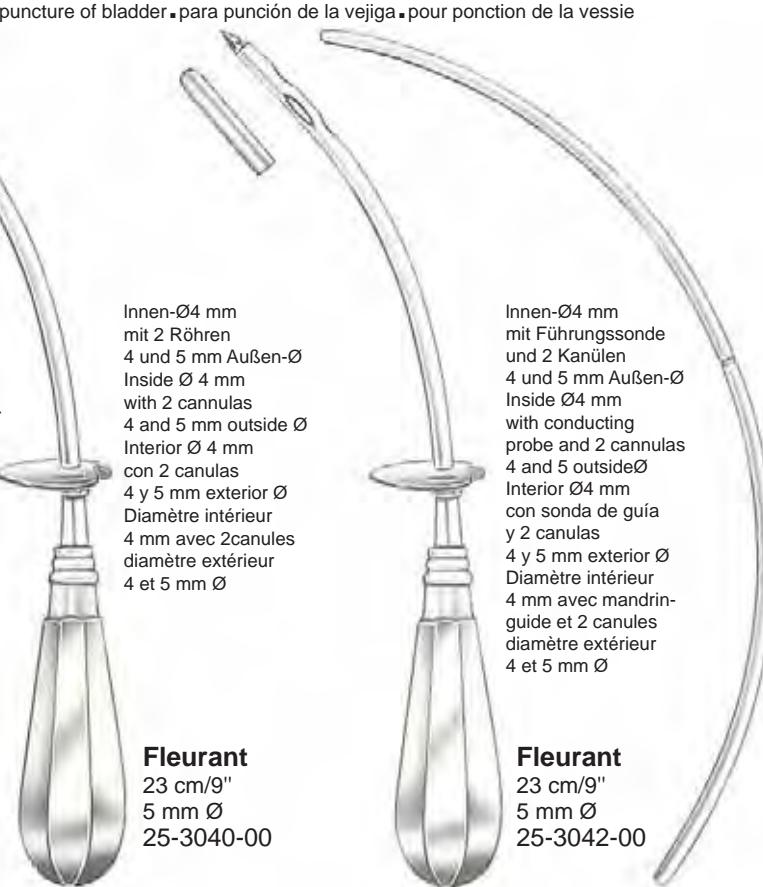
	Øcharr.	charr.
25-3034-10	10	6
25-3034-12	12	8
25-3034-14	14	10
25-3034-16	16	12
25-3034-18	18	14
25-3034-20	20	16
25-3034-22	22	18
25-3034-24	24	20
25-3034-26	26	22
25-3034-28	28	24

Innen-Ø4 mm
mit 2 Röhren
4 und 5 mm Außen-Ø
Inside Ø 4 mm
with 2 cannulas
4 and 5 mm outside Ø
Interior Ø 4 mm
con 2 canulas
4 y 5 mm exterior Ø
Diamètre intérieur
4 mm avec 2 canules
diamètre extérieur
4 et 5 mm Ø

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 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

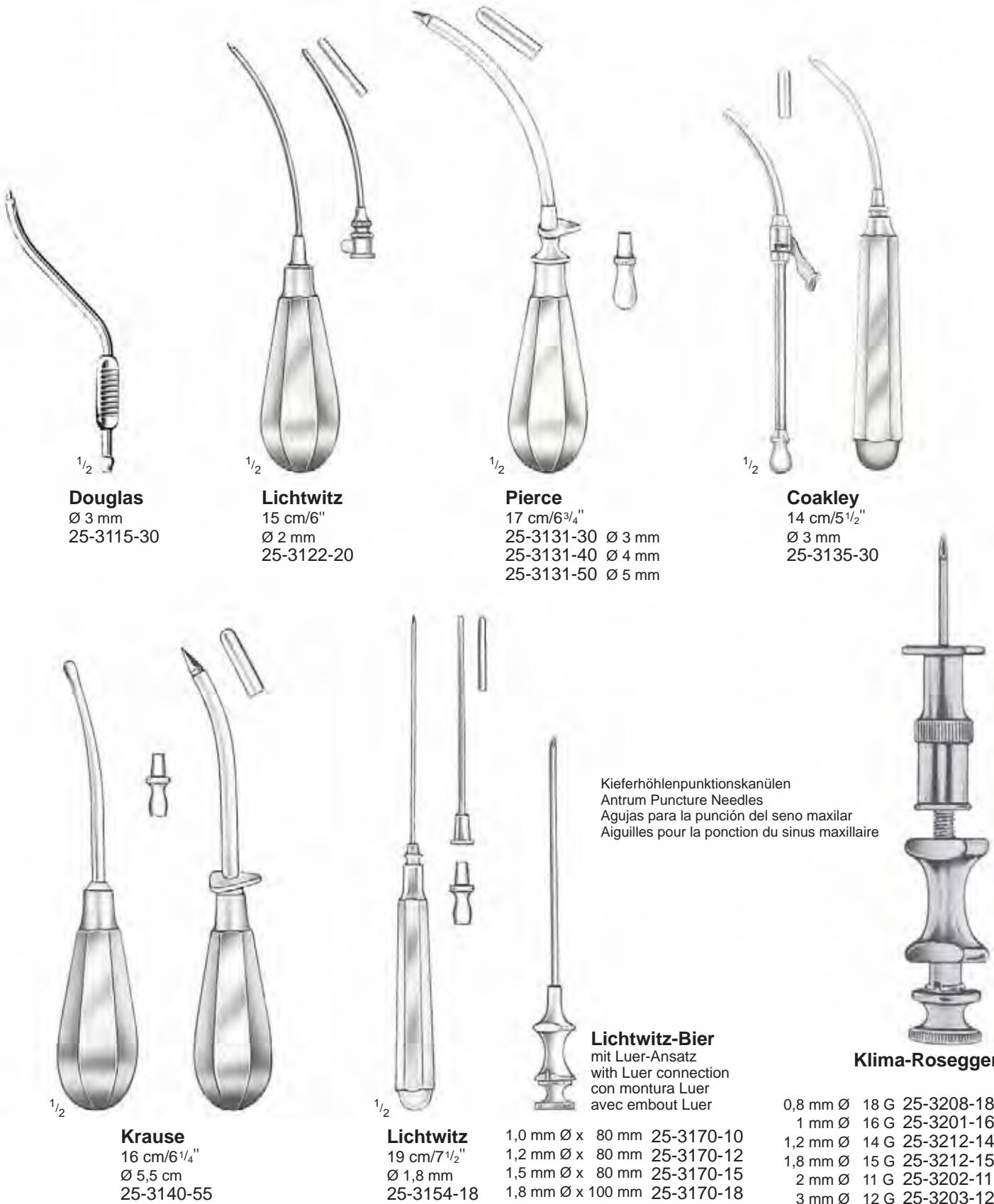




سوزن تروکار

Trokare
Trocars
Trócares
Trocarts

Kieferhöhlentrokare • Antrum Trocars • Trocares para el seno maxilar • Trocarts pour le sinus maxillaire





1,20 x 120 mm 25-3252-20
1,40 x 120 mm 25-3252-40
1,60 x 120 mm 25-3252-60

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



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



Landau
2 mm
25-3350-02



Vollmor
6 cm/2 1/4"



Mock
6,5 cm/2 1/2"
25-3350-65



Menghini-Renalis
For Kidney biopsy needle
with luer-lock-hubs

Quincke

Tuohy



Douglas
3 mm
25-3352-03

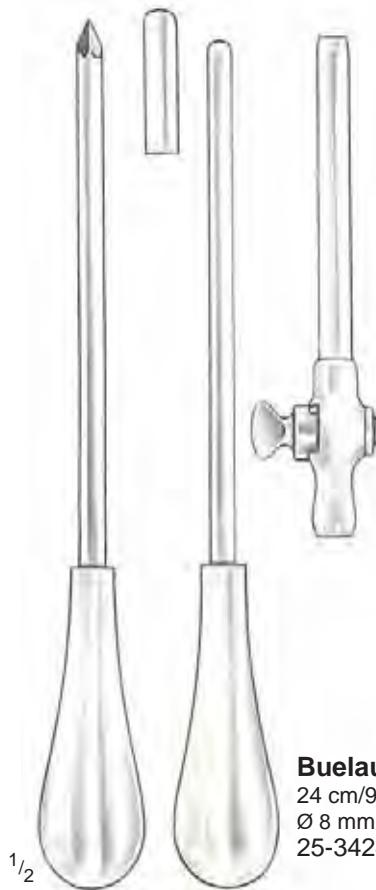


11 cm/4 1/2"
25-3354-11



سوzen تروكار

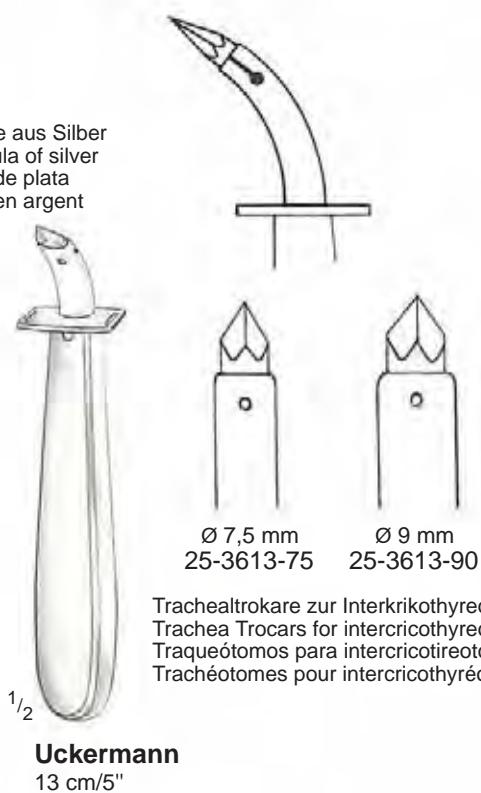
Trokare
Trocars
Trócares
Trocarts



Buelau
 24 cm/9½"
 Ø 8 mm
 25-3424-80

Empyema-Trokar
 Empyema-trocar
 Trócar para punción torácica
 Trocart pour ponction du thorax

Kanüle aus Silber
 Cannula of silver
 Tubo de plata
 Tube en argent

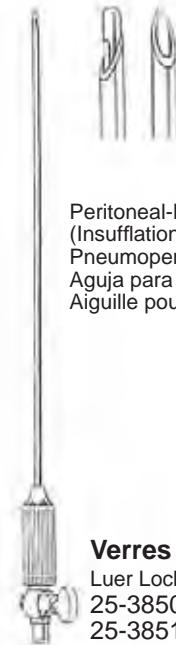


Uckermann
 13 cm/5"

Trachealtrokare zur Interkrikothyreotomie
 Trachea Trocars for intercricothyreotomy
 Traqueótomas para intercricotireotomía
 Trachéotomes pour intercrico-thyréotomie

Ø 7,5 mm
 25-3613-75 Ø 9 mm
 25-3613-90

Peritoneal-Pneu-Kanüle
 (Insufflationskanüle)
 Pneumoperitoneum Needle
 Aguja para el neumoperitoneo
 Aiguille pour le pneumopéritoine



Verres
 Luer Lock
 25-3850-55 1,55 x 55 mm
 25-3851-00 2,00 x100 mm
 25-3851-40 2,00 x140 mm

Kanülen für die Leberblindpunktion,
 einschließlich Stopsonde

Liver Blind Puncture Needles, with
 Stopping Probe

Agujas para punción ciega del
 hígado, con aguja limitadora

Aiguilles pour la ponction aveugle
 du foie, avec clou d'arrêt

Kanülen zur gezielten Leber-
 punktion

Needles for controlled liver
 puncture

Agujas para la punción del hígado
 bajo control laparoscópico

Aiguilles pour la ponction contrôlée
 du foie

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 hígado

Trocarts pour l'introduction des
 aiguilles pour la ponction contrôlée
 du foie

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



Menghini

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



Billroth
 24 cm/9½"
 5 mm 25-3905-24
 6 mm 25-3906-24

ست بازکردن رگ (واریس)

Krampfaderbesteck in Metall-Etui

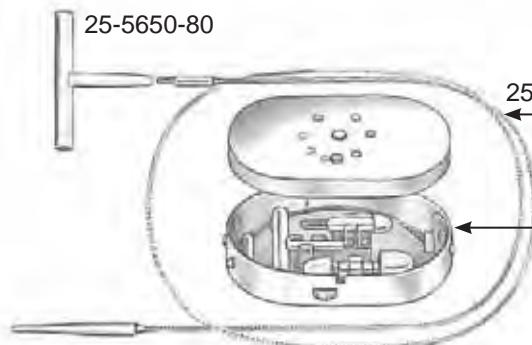
Vein Stripper Set in Metal Case

Juego para várices, en estuche de metal

Trousse pour stripping veineux en étui métal



25



25-5650-02

Nabatoff

135x100x25 mm

25-5650.00

Satz komplett, bestehend aus:

Set complete, consisting of:

Juego completo, compuesto de:

Jeu complet, comprenant:

25-5650-95	Behälter 135 x 100 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 plástica	Extrémité-sonde en matière plastique

Endarteriektomiestripper
Endarterectomy Strippers
Strippers para endarteriectomía
Strippers pour endartériectomie

4 mm Ø
25-5681-04

6 mm Ø
25-5681-06

7 mm Ø
25-5681-07

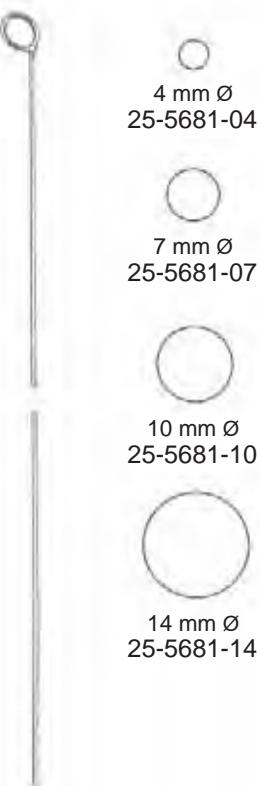
8 mm Ø
25-5681-08

10 mm Ø
25-5681-10

12 mm Ø
25-5681-12

14 mm Ø
25-5681-14

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



50 cm/20"

1/2
12 cm/4 3/4"
25-5682-12



ديلاتور عروقى
Dilatatoren
Dilators
Dilatadores
Dilatateurs

Gefäßdilatatoren
Vascular Dilators
Dilatadores vasculares
Dilatateurs vasculaires

biegsam
malleable
maleable
malléable

$^{1/1}$

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

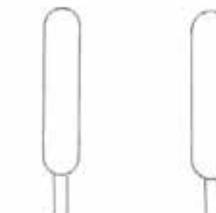


Garrett

14 cm/5 1/2"
21 cm/8 1/4"

$^{1/1}$

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

$^{1/1}$

0,5 mm 1,0 mm



1,5 mm



2,0 mm



2,5 mm

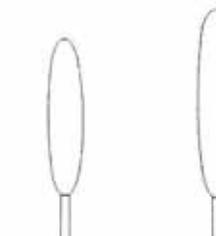
25-5819-05	25-5819-10	25-5819-15	25-5819-20	25-5819-25	25-5819-30
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$^{1/2}$

DeBakey
19 cm/7 1/2"

$^{1/1}$

3,5 mm 4,0 mm



4,5 mm



5,0 mm



7,0 mm

25-5819-35	25-5819-40	25-5819-45	25-5819-50	25-5819-70	25-5819-90
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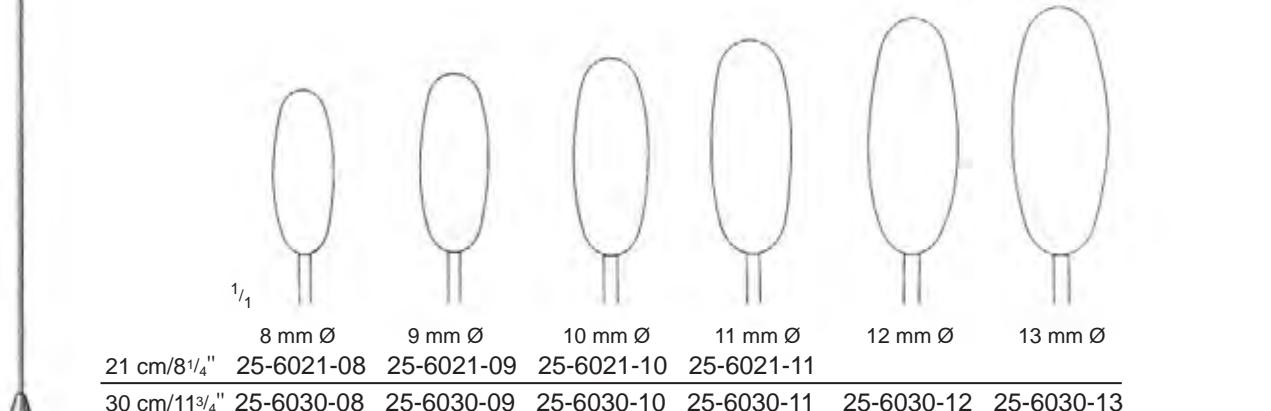
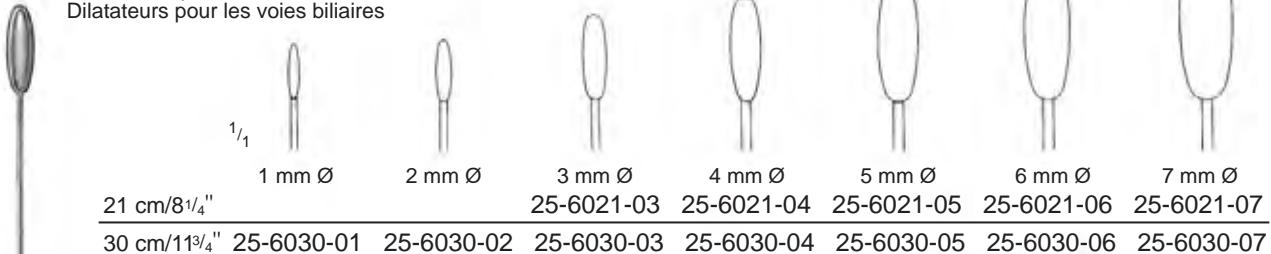
9,0 mm

Gallenkanaldilatatoren

Gall Duct Dilators

Dilatadores para conductos biliares

Dilatateurs pour les voies biliaires

**Bakes**

Schaft biegsam
 malleable shaft
 vástago maleable
 tige malléable

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 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

Elastic

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
 avec olives centrales
 federnd, elastic,
 elasticas, élastiques

Ø mm

3,7

25-6205-37

4,8

25-6205-48

5,5

25-6205-55

Desjardins
 28 cm/11"

Gallenkanalsonde, mit Stilett, biegsam
 Gall Duct Probe, with stylet, malleable
 Estilete maleable para conductos biliares,
 con mandrill
 Stylet pour les voies biliaires,
 avec mandrin, flexible



**Dilatatoren
Dilators
Dilatadores
Dilatateurs**

ديلاتور بوژى
**Dilatationsbougies
Dilating Bougies
Bujías dilatadoras
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



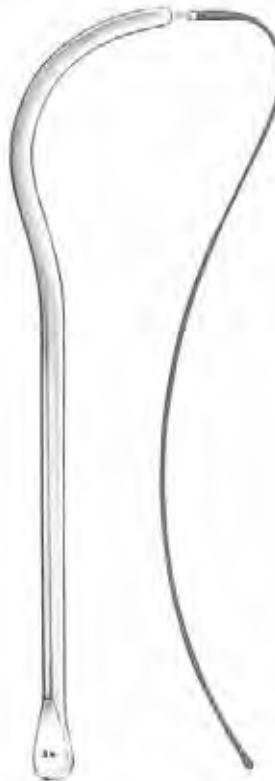
gebogen
curved
curva
courbe

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 métallique sans mandrin-guide, filetage à l'extrémité



Dittel
22,5 cm/9"

Dittel
35,5 cm/14"

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	25-6410-03	25-6710-03
3 ² / ₃	11	25-6411-04	25-6711-04
4	12	25-6412-05	25-6712-05
4 ¹ / ₃	13	25-6413-06	25-6713-06
4 ² / ₃	14	25-6414-07	25-6714-07
5	15	25-6415-08	25-6715-08
5 ¹ / ₃	16	25-6416-09	25-6716-09
5 ² / ₃	17	25-6417-10	25-6717-10
6	18	25-6418-11	25-6718-11
6 ¹ / ₃	19	25-6419-12	25-6719-12
6 ² / ₃	20	25-6420-13	25-6720-13
7	21	25-6421-14	25-6721-14
7 ¹ / ₃	22	25-6422-15	25-6722-15
7 ² / ₃	23	25-6423-16	25-6723-16
8	24	25-6424-17	25-6724-17
8 ¹ / ₃	25	25-6425-18	25-6725-18
8 ² / ₃	26	25-6426-19	25-6726-19
9	27	25-6427-20	25-6727-20
9 ¹ / ₃	28	25-6428-21	25-6728-21
9 ² / ₃	29	25-6429-22	25-6729-22
10	30	25-6430-23	25-6730-23

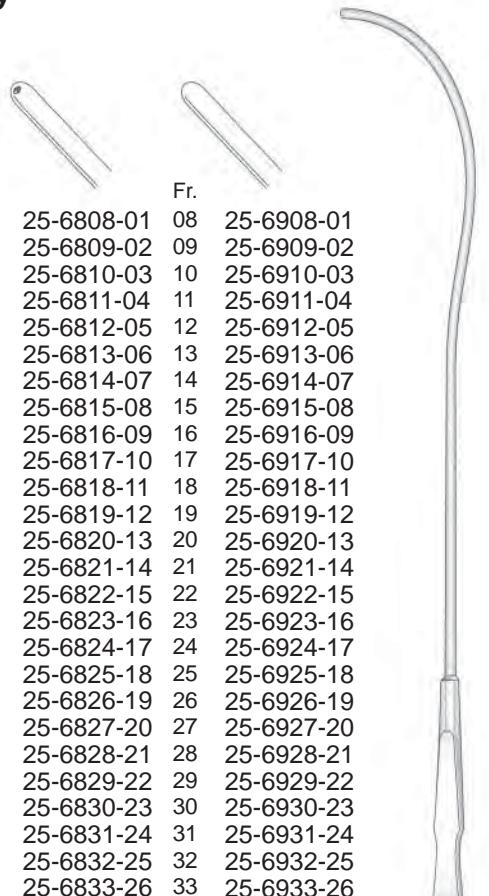
دیلاتور بوژی

Dilatatoren
Dilators
Dilatadores
Dilatateurs
Dilatationsbougies
Dilating Bougies
Bujias dilatadores
Bougies dilatatrices



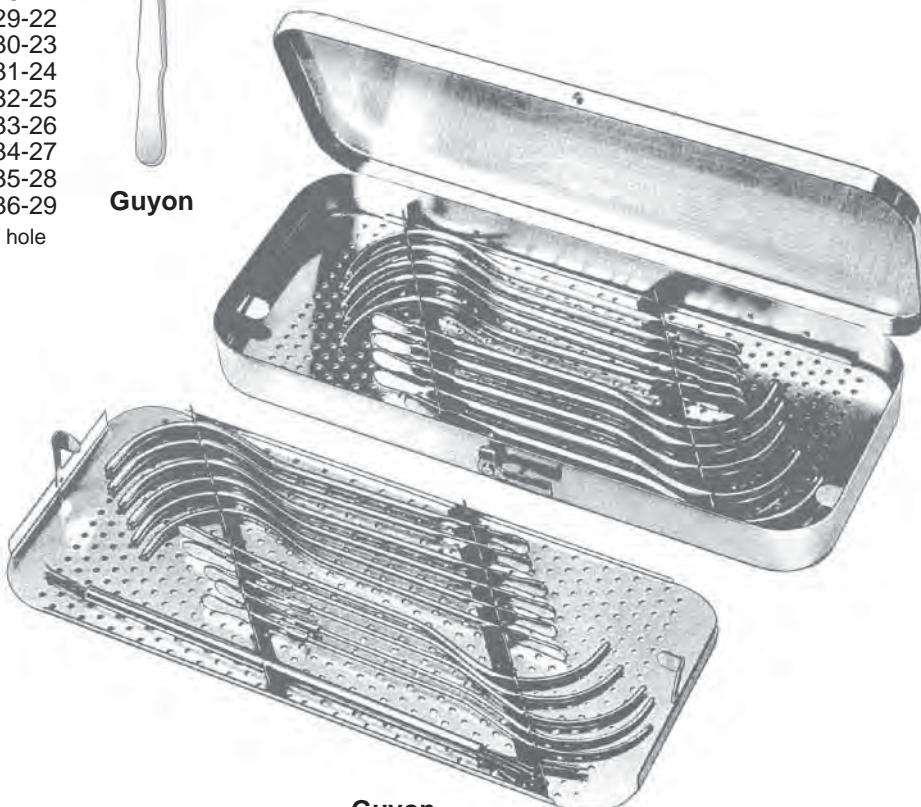
25

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

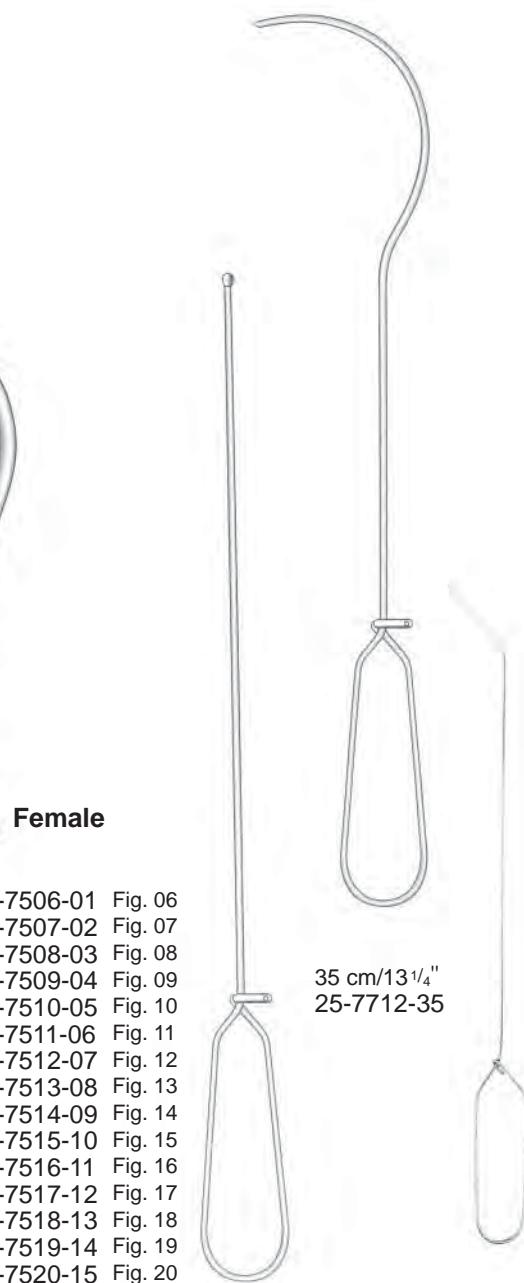
Harnröhrenbougies
Urethral Sounds
Bujías uretrales
Bougies urétrales

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

**Coxeter****Female**

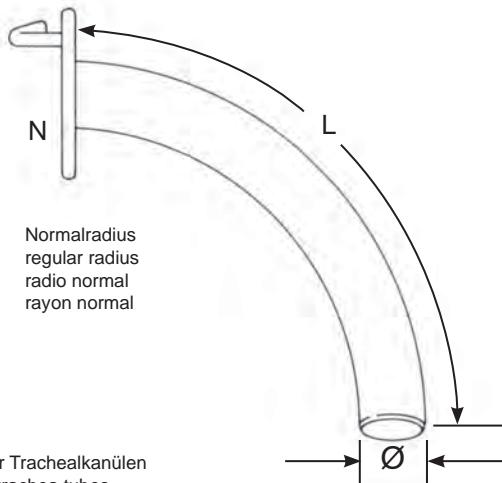
Guyon
39 cm/15 1/2"
25-7722-39

Benique
38 cm/15"
25-7723-38

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"

Trachealkanülen
 Trachea Tubes
 Cánulas traqueales
 Canules trachéales



Internationale Skala für Trachealkanülen
 International scale for trachea tubes
 Escala internacional para cánulas traqueales
 Echelle internationale pour canules trachéales

	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

 $\frac{1}{2}$

26 cm/10 $\frac{1}{4}$ "
 Ø 12 mm
 25-8361-12

Fig.	Ø mm	L mm	Silber Silver Plata Argent	Neusilber German Silver Plata maneses (nueva) Argent blanc (mallechort)
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



Luer

Standard-Modell
 Standard pattern
 Modelo standard
 Modèle standard



لوحة تراكتومي
Tracheotomie
Tracheotomy
Traqueotomía
Trachéotomie

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
 argenté

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

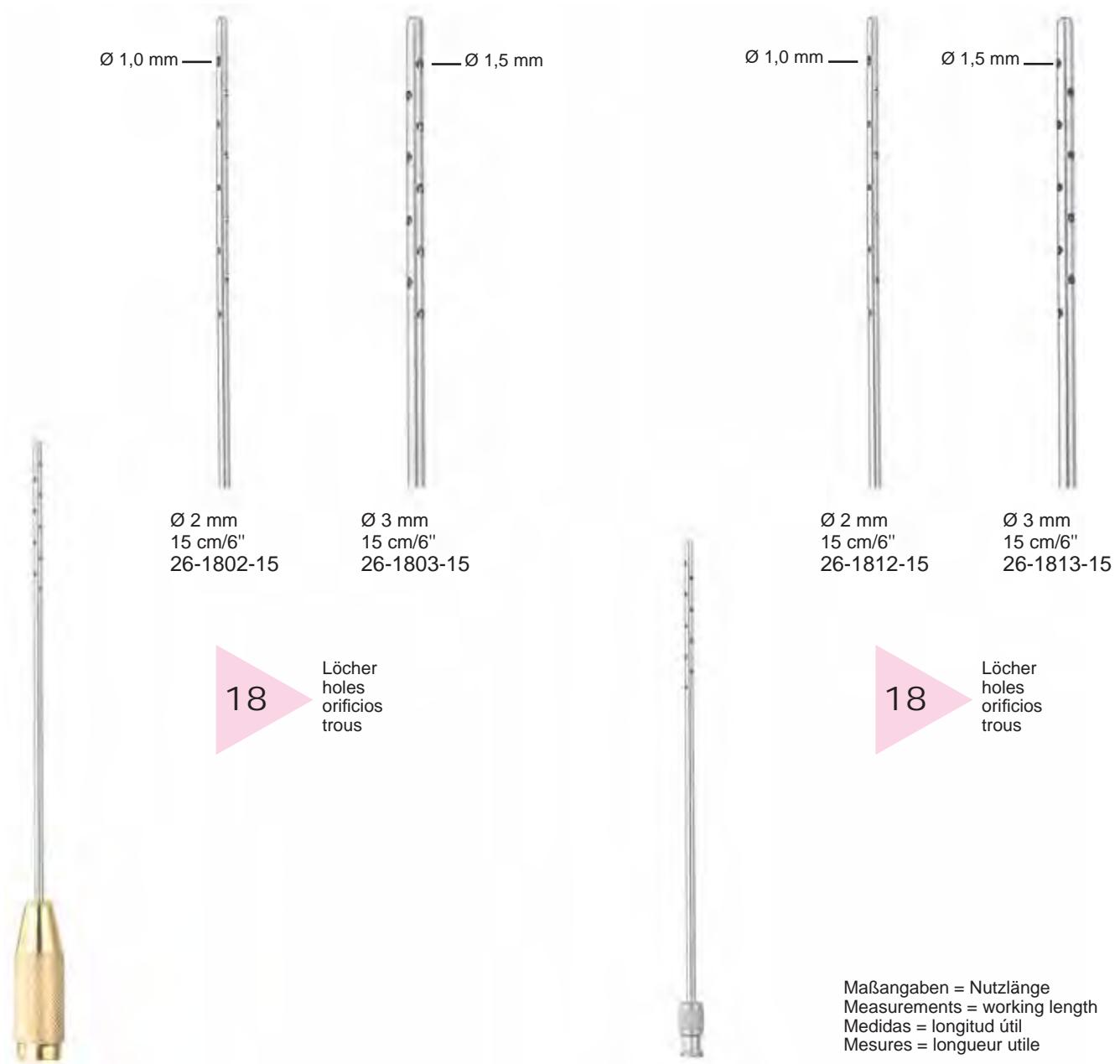


انواع سرساکشن لیپو

Liposuction
Liposuction
liposucción
liposucción

 10 Löcher holes orificios trous	 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		
 Ø 2 mm 25 cm/10" 26-1102-25	 Ø 3 mm 25 cm/10" 26-1103-25	
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



Entner

Entner



أنواع سرساكسن ليبو
Liposuction-Kanülen
Liposuction Cannulas
Cáñulas de liposucción
Canules pour liposuccion

 $\varnothing 1,5 \text{ mm}$ $\varnothing 2,0 \text{ mm}$ $\varnothing 1,5 \text{ mm}$ $\varnothing 2,0 \text{ mm}$

$\varnothing 3 \text{ mm}$
 20 cm/8"
 26-2203-20

$\varnothing 4 \text{ mm}$
 20 cm/8"
 26-2204-20

$\varnothing 3 \text{ mm}$
 20 cm/8"
 26-2303-20

$\varnothing 4 \text{ mm}$
 20 cm/8"
 26-2304-20

22

Löcher
 holes
 orificios
 trous

22

Löcher
 holes
 orificios
 trous

**Entner**

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile

Entner

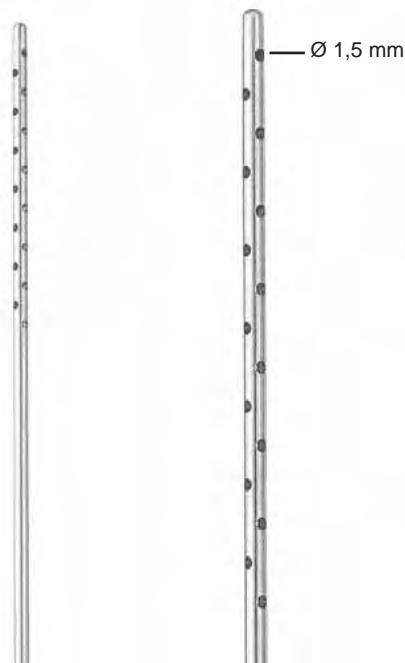
أنواع سرساكتشن ليبو

Liposuction-Kanülen

Liposuction Cannulas

Cáñulas de liposucción

Canules pour liposuccion



Ø 3 mm
30 cm/11 $\frac{3}{4}$ "
26-3003-30



Ø 4 mm
30 cm/11 $\frac{3}{4}$ "
26-3004-30



Ø 3 mm
30 cm/11 $\frac{3}{4}$ "
26-3103-30



Ø 4 mm
30 cm/11 $\frac{3}{4}$ "
26-3104-30

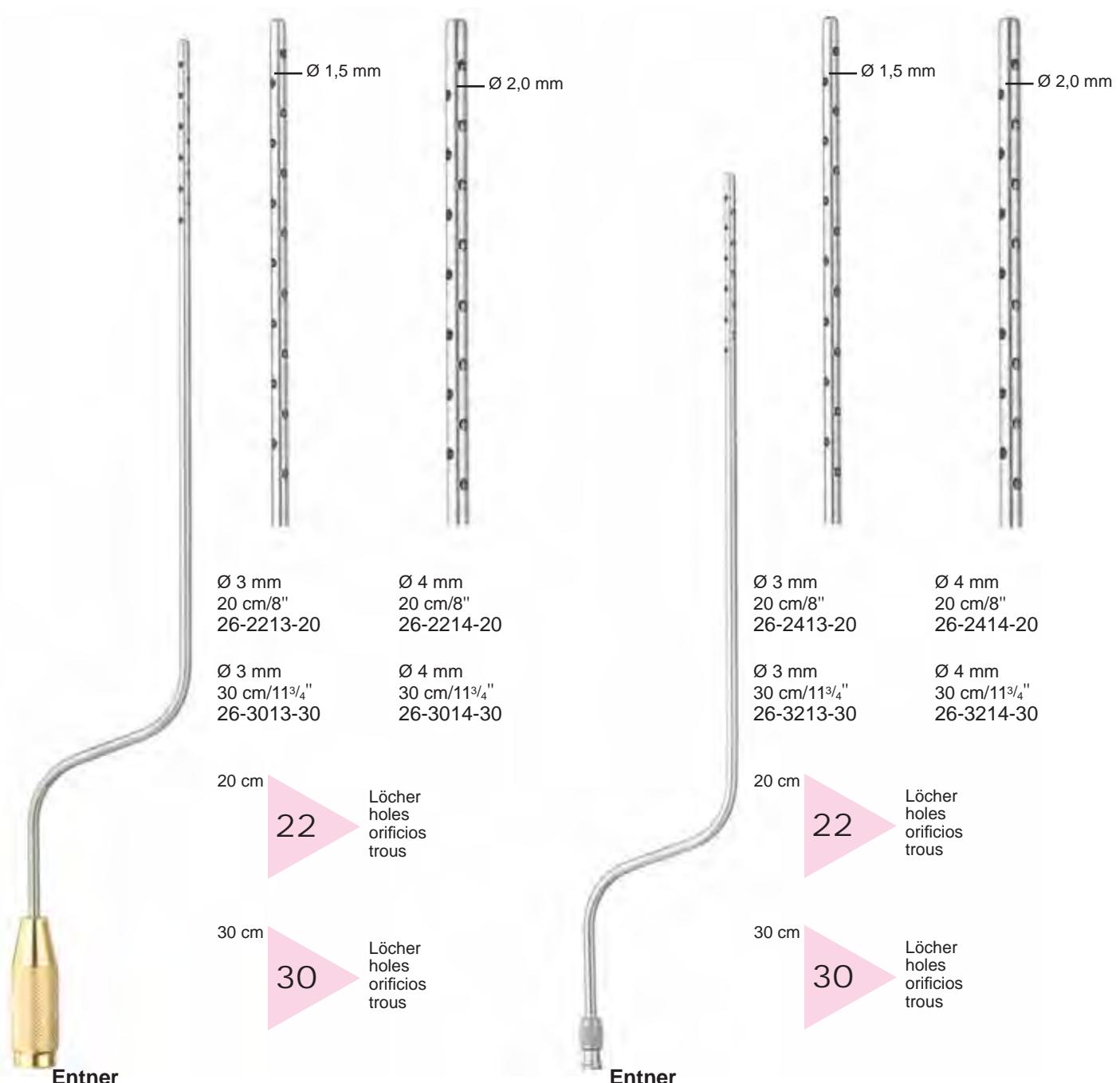


Entner



Entner

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



Entner

22

Löcher
holes
orificios
trous

Entner

22

Löcher
holes
orificios
trous

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



أنواع سرساكسن ليبو
Liposuction-Kanülen
Liposuction Cannulas
Cánulas de liposucción
Canules pour liposuccion

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

أنواع سرساكسن ليبو

Setvorschläge Liposuction-Kanülen

Set Suggestions Liposuction Cannulas

Proposiciones de juegos cánulas de liposucción

Propositions pour boîtes canules pour liposucción



1 Gesicht
Face
Cara
Visage



- | | | | |
|---|--------------------------|-----------------------|----------------------|
| 1 | 26-4012-15 | 15 cm/ 6" | Ø 2 mm |
| 2 | 26-4117-05
26-4117-15 | 5 cm/ 2"
15 cm/ 6" | Ø 1,7 mm
Ø 1,7 mm |

2 Hals
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
26-4605-03
26-4615-02
26-4615-03 | 5 cm/ 2"
5 cm/ 2"
15 cm/ 2"
15 cm/ 2" | Ø 2,0 mm
Ø 3,0 mm
Ø 2,0 mm
Ø 3,0 mm |

3 Ober- und Unterschenkel
Thigh - Lower leg
Muslo / pantorrilla
Cuisse / Jambe



- | | | |
|--|--|--|
| 26-4803-20
26-4803-30
26-4804-20
26-4804-30 | 20 cm/ 8"
30 cm/ 11 ^{3/4} "
20 cm/ 8"
30 cm/ 11 ^{3/4} " | Ø 3,0 mm
Ø 3,0 mm
Ø 4,0 mm
Ø 4,0 mm |
|--|--|--|



أنواع سرساكسن ليبو

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 26-5040-20	20 cm/ 8" Ø 3,0 mm 20 cm/ 8" Ø 4,0 mm
2	26-5230-30 26-5240-30	30 cm/ 11 ^{3/4} " Ø 3,0 mm 30 cm/ 11 ^{3/4} " Ø 4,0 mm

Zubehör
Accessories
Accesarios
Accessoires



26-5350-36

mit drehbarem Schlauchansatz
with rotatable tube connection
con empalme de tubo giratorio
avec embout tuyaux pivotant

Gabelform, Spitzen abgerundet, scharte 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



Toledo

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



أنواع سرساكسن ليبو
Liposuction-Kanülen
Liposuction Cannulas
Cáñulas de liposucción
Canules pour liposuccion



Mercedes

Ø 3 mm
15 cm/6"
26-6215-03

Ø 3 mm
25 cm/10"
26-6225-03

drei laterale Löcher
three lateral holes
tres orificios laterales
trois trous latéraux

Ø 4 mm
15 cm/6"
26-6315-04

Ø 4 mm
25 cm/10"
26-6325-04

Ø 3 mm
30 cm/11^{3/4}"
26-6430-03

Verbesserte Anordnung der Sauglöcher bewirkt effektiveres, schonenderes Absaugen in bindegewebs-starken Regionen sowie bei Gynäkomastie.

The improved arrangement of the suction holes ensures a more effective and gentle suction in areas with much connective tissue and in case of gynecomasty.

La organización mejorada de los agujeros de succión garantiza una succión más efectiva y suave en las regiones con mucho tejido conjuntivo y en caso de ginecomastia.

L'ordre amélioré des trous à succion garantit une succion plus effective et plus douce dans des régions avec beaucoup de tissu conjonctif et en cas de gynécomastie.

Kotzur



Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



\varnothing 3 mm
 20 cm/8"
 26-6620-03

\varnothing 3 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6630-03



\varnothing 4 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6634-04



\varnothing 5 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6635-05



\varnothing 6 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6636-06



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



أنواع سرساكتشن ليبو
Liposuction-Kanülen
Liposuction Cannulas
Cánulas de liposucción
Canules pour liposuccion



Ø 3 mm
 20 cm/8"
 26-6743-03

Ø 4 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6744-04

Ø 5 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6745-05

Ø 6 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6746-06

Ø 3 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6743-13



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



\varnothing 3 mm
20 cm/8"
26-6820-03



\varnothing 4 mm
30 cm/11 3/4"
26-6834-04



\varnothing 5 mm
30 cm/11 3/4"
26-6835-05



\varnothing 6 mm
30 cm/11 3/4"
26-6836-06

\varnothing 3 mm
30 cm/11 3/4"
26-6830-13

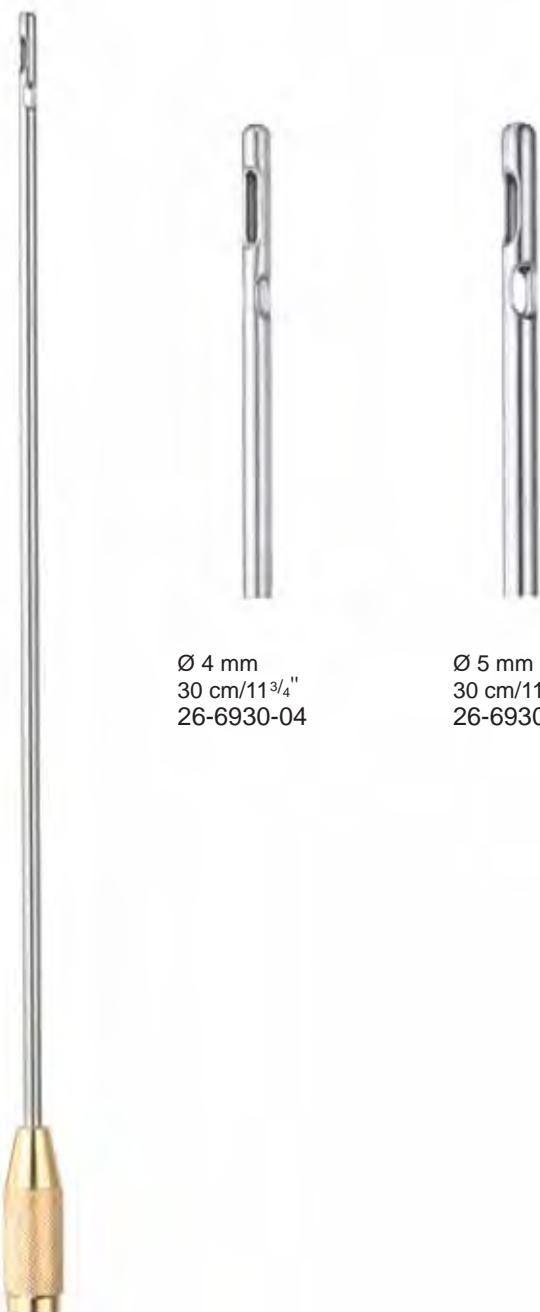
\varnothing 4 mm
40 cm/15 3/4"
26-6844-14

drei Löcher, diagonal
 three holes, diagonal
 tres orificios, diagonal
 trois trous, diagonal tre

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



انواع سرساکشن لیپو
Liposuction-Kanülen
Liposuction Cannulas
Cáñulas de liposucción
Canules pour liposuccion



Ø 4 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6930-04

Ø 5 mm
 30 cm/11 $\frac{3}{4}$ "
 26-6930-05

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



\varnothing 3 mm
 20 cm/11 3/4"
 26-7020-03

\varnothing 3 mm
 30 cm/11 3/4"
 26-7030-03

Spitze mit Loch, ein Loch seitlich
 Point with hole, one lateral hole
 Punta con orificio, un orificio lateral
 Pointe à trou, un trou latéral

30 cm/11 3/4"
 26-7130-06

30 cm/11 3/4"
 26-7135-06

Maßangaben = Nutzlänge
 Measurements = working length
 Medidas = longitud útil
 Mesures = longueur utile



أنواع سرساكسن ليبو
Liposuction-Kanülen
Liposuction Cannulas
Cánuas de liposucción
Canules pour liposuccion

Für feine Konturierungen im Gesichtsbereich.

For facial contouring.

Para contornos finos de la parte facial

Pour des contours fins dans la partie faciale.

	ein Loch seitlich one lateral hole un orificio lateral un trou latéral				
					
mit Griffansatz	mit Griffansatz	Ø 1,7 mm 5 cm/2" 26-7205-17	Ø 2 mm 5 cm/2" 26-7205-02	Ø 3 mm 5 cm/2" 26-7205-03	
with handle connector	with handle connector	Ø 1,7 mm 15 cm/6" 26-7215-17	Ø 2 mm 15 cm/6" 26-7215-02	Ø 3 mm 15 cm/6" 26-7215-03	
con empalme mango	avec embout-manche				
mit Luer-Lock Ansatz	mit Luer-Lock Ansatz	Ø 1,7 mm 5 cm/2" 26-7405-17	Ø 2 mm 5 cm/2" 26-7405-02	Ø 3 mm 5 cm/2" 26-7405-03	
with Luer-Lock connection	with Luer-Lock connection	Ø 1,7 mm 15 cm/6" 26-7415-17	Ø 2 mm 15 cm/6" 26-7415-02	Ø 3 mm 15 cm/6" 26-7415-03	
con empalme Luer-Lock	avec embout Luer-Lock				

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



انواع سرساکشن لیبو
Handgriffe für Kanülen
Handles for Cannulas
Mangos para cánulas
Manches pour canules

Empfohlene Handgriffe für die Tumeszenz-Lokalanästhesie-Technik
 Recommended handles for the tumescense local anaesthesia technique
 Mangos recomendados para la técnica de la anestesia local tumescente
 Manches recommandés pour la technique de tumescence/anesthésie locale



+



26-7755-36

Loch zur Saugunterbrechung
 Hole for interrupting the suction process
 Orificio para interrumpir la succión
 Trou afin d'interrompre la succion



26-7756-36

mit drehbarem Schlauchansatz
 with rotatable tube connection
 con empalme de tubo giratorio
 avec embout de tuyaux pivotant

أنواع سرساكسن ليبو

Instrumente zur Eigenfettunterspritzung

Instruments for Lipoinjection

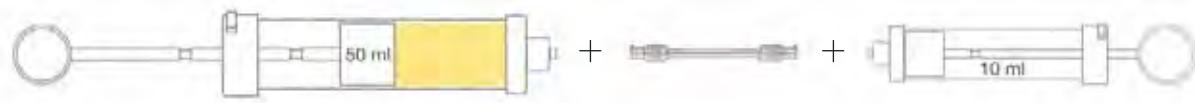
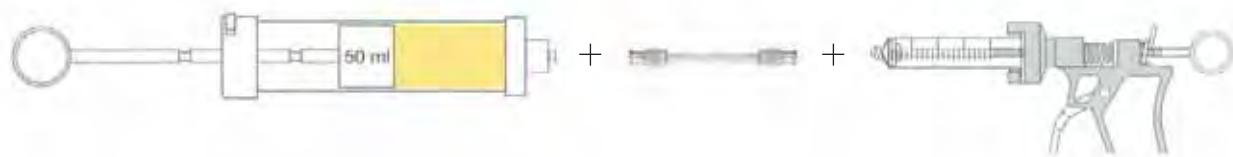
Instrumental para la lipoinyección

Instrumentation pour le lipofilling



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





أنواع سرساكسن ليبو
Liposuction-Kanülen
Liposuction Cannulas
Cáñulas de liposucción
Canules pour liposuccion

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.

Cáñulas 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 liposuccion 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/11 3/4"
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

Maßangaben = Nutzlänge
Measurements = working length
Medidas = longitud útil
Mesures = longueur utile



أنواع سرساكشن ليبو

Liposuction-Kanülen
Liposuction Cannulas
Cáñulas de liposucción
Canules pour liposuccion



Ø 4 mm
15 cm/6"
26-8615-04



Ø 4 mm
25 cm/10"
26-8625-04



Ø 6 mm
30 cm/11 3/4"
26-8630-06



Gasparotti

zwei zentrale Löcher
two central holes
dos orificios centrales
deux trous centraux

Maßangaben = Nutzlänge
Measurements = working length
Medidas = longitud útil
Mesures = longueur utile

27



ابزار جراحی پوست و ناخن

Dermatologie, Nageleisen

Dermatology, Nail Instrument

Dermatología, Instrumento para cortauñas

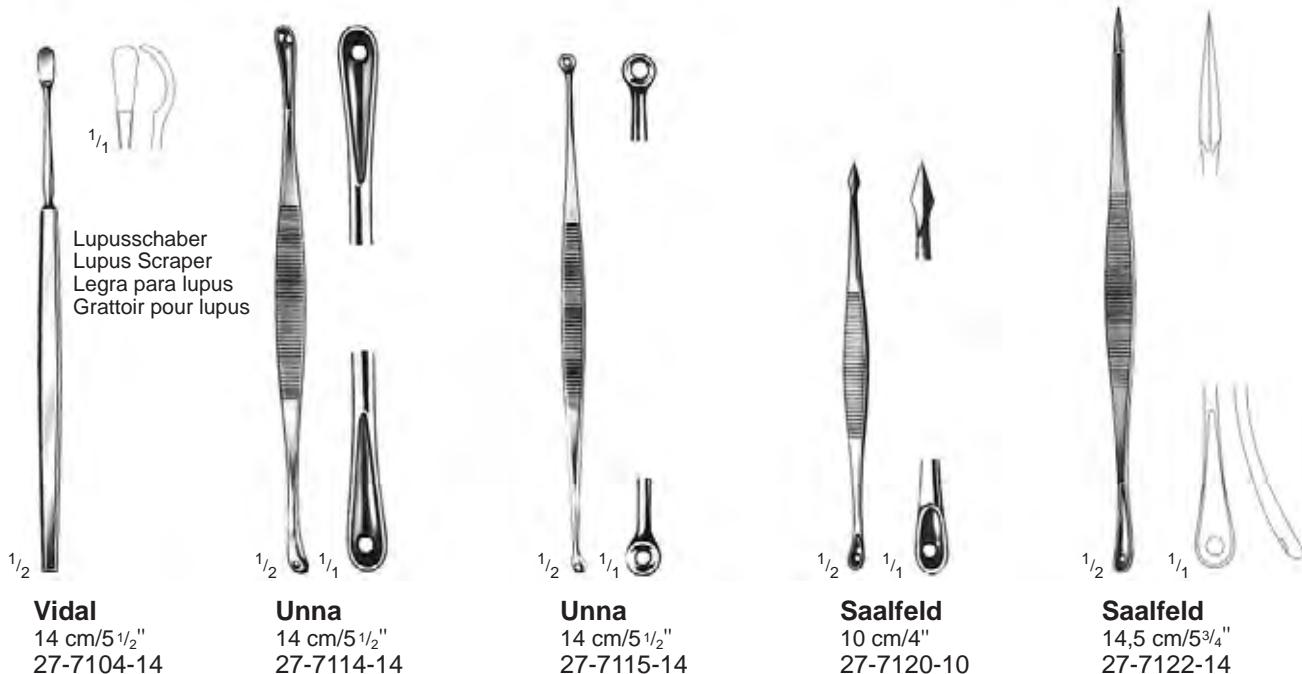
Dermatologie, Instrument de ongles



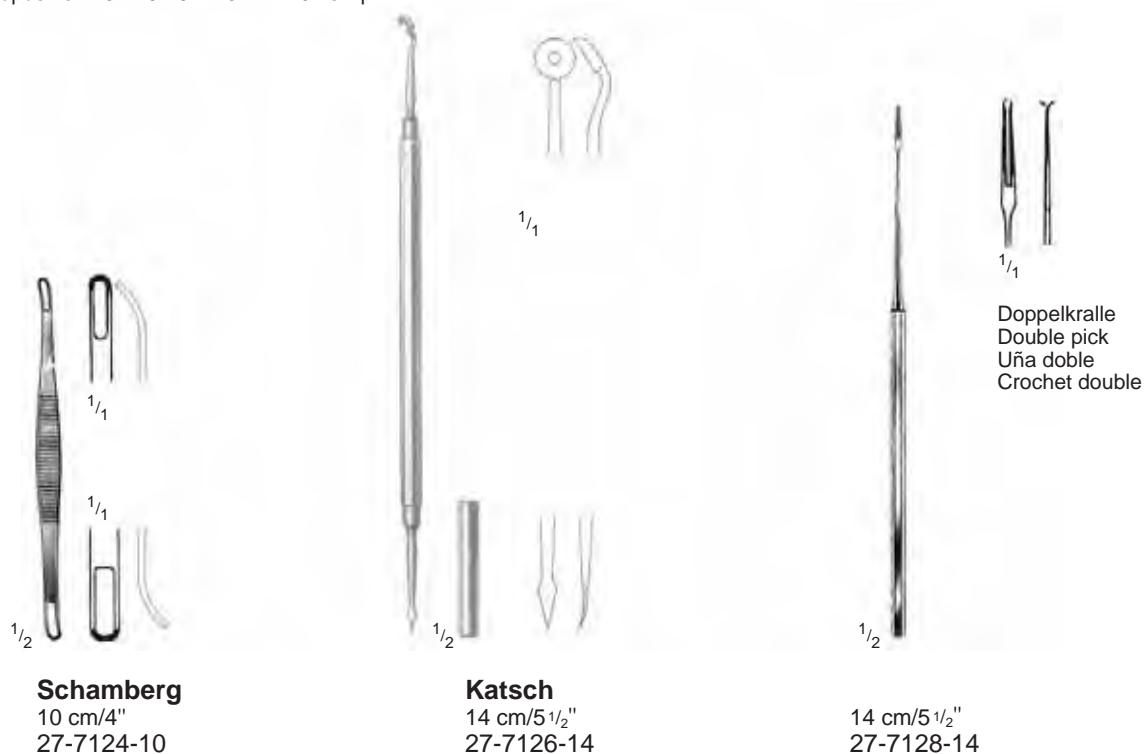
ابزار جراحی پوست

Dermatologie
Dermatology
Dermatologia
Dermatologie

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

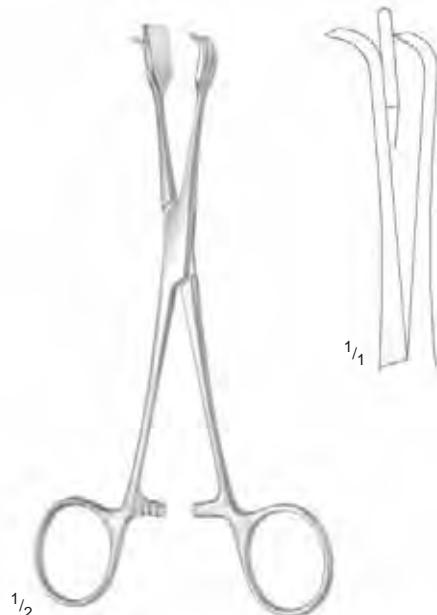
27-7212-93
Milienmesser
Milium Knife
Chuchillo para milium
Couteau pour milium

Moncorps
13 cm/5"
27-7210-13

Haut-Trephinen
Cutaneous Punches
Trépanos cutáneos
Trépans cutanés



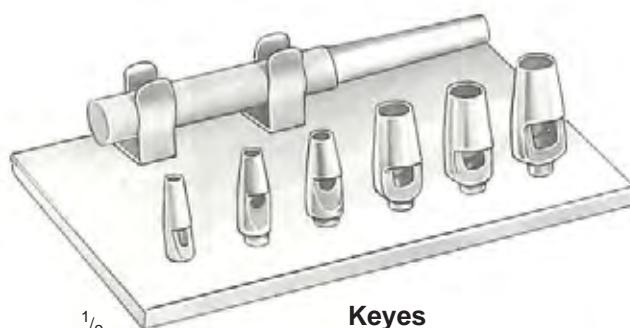
Unna-Vidal
11,5 cm/4½"
27-7216-11



d'Assumpção
18 cm/7"
27-7318-18

	mm Ø	
○	2	27-7410-02
○	3	27-7410-03
○	4	27-7410-04
○	5	27-7410-05
○	6	27-7410-06
○	7	27-7410-07
○	8	27-7410-08

Keyes
11 cm/4½"



Keyes
Satz komplett
Set complete
Juego completo
Jeu complet
27-7460-00

- 2 mm
- 3 mm
- 4 mm
- 5 mm
- 6 mm
- 7 mm



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

Fig. 1
27-7562-14

Fig. 2
27-7564-14

Fig. 3
27-7566-14

Fig. 4
27-7568-14



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

Fig. 1
27-7570-14

Fig. 3
27-7574-14

Fig. 5
27-7578-14

Fig. 2
27-7572-14

Fig. 4
27-7576-14

Fig. 6
27-7580-14



Kaye
13 cm/5"

27-7584-13

27-7582-13

2 mm Ø
27-7586-55

4 mm Ø
27-7588-55

Griff
Handle
Mango
Manche

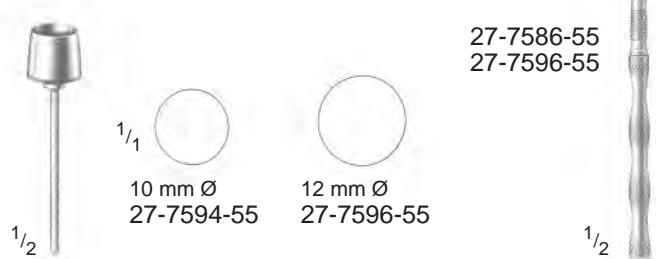
6 mm Ø
27-7590-55

8 mm Ø
27-7592-55

8 cm/3 $\frac{1}{4}$ "
27-7598-08

27-7586-55
27-7596-55

↖



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

Dermatome
Dermatomes
Dermátmos
Dermatomes



Humby
32 cm/13"
27-7610-32

Komplett mit Klinge
complete with blade
completo con hoja
complet avec lame

27-7610-32 ←



Humby
27-7612-32

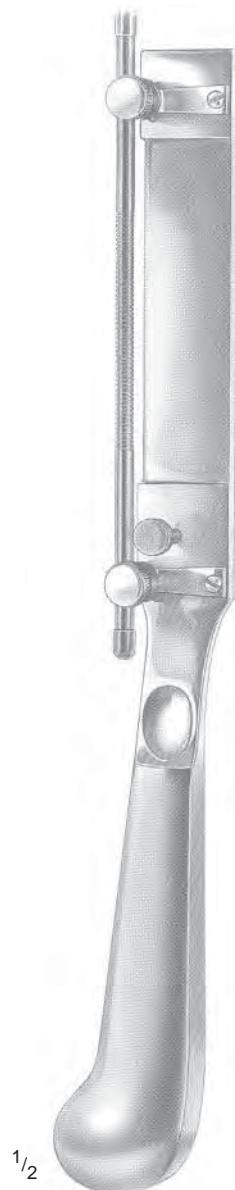
Ersatzklinge
Spare Blade
Hoja de repuesto
Lame de rechange, seule



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 ←



27-7622-31 ←

Schink
31 cm/12 $\frac{1}{4}$ "
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

Schink
27-7634-31

Ersatzklinge
Spare Blade
Hoja de repuesto
Lame de recharge, seule

Schink
27-7644-31

Spannplatte
Skin Fixing Plate
Placa para extender la piel
Plaque pour tendre la peau

ابزار ناخن

Nagelzange

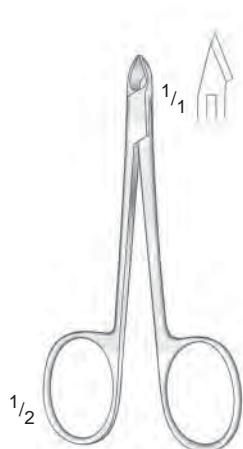
Nail Nipper

Pinza cortauñas

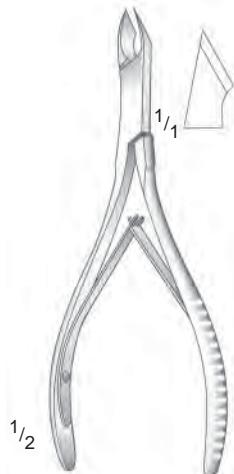
Pince à ongles



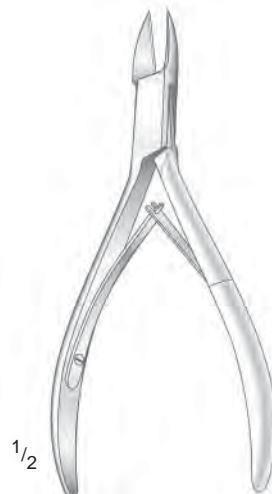
27



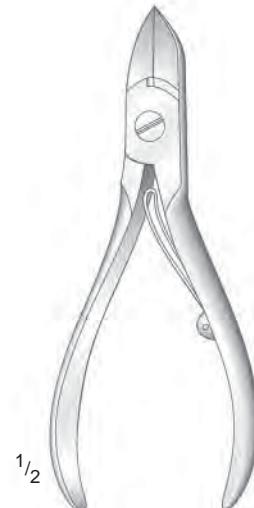
10,5 cm/4 $\frac{1}{4}$ "
27-8210-10



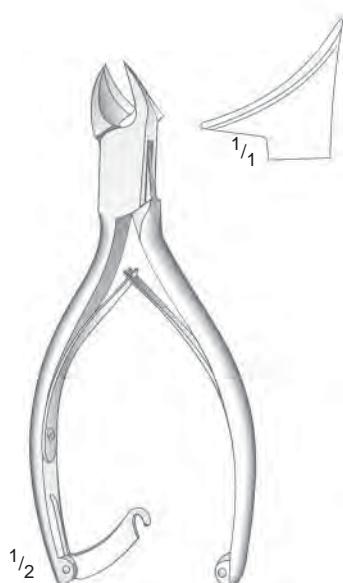
11 cm/4 $\frac{1}{2}$ "
27-8212-11



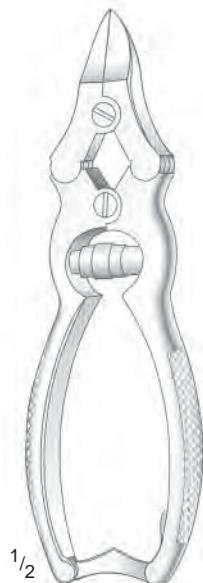
11 cm/4 $\frac{1}{2}$ " 27-8224-11
13 cm/5" 27-8226-13
15 cm/6" 27-8228-15



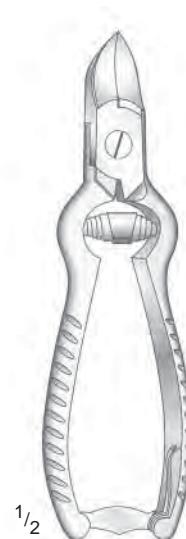
12 cm/4 $\frac{3}{4}$ "
27-8230-12



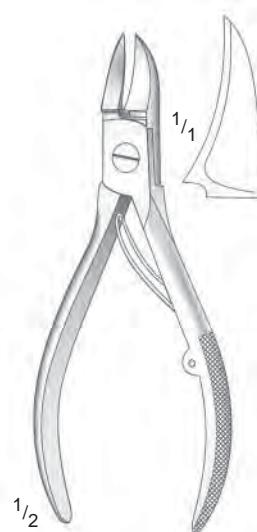
14 cm/5 $\frac{1}{2}$ "
27-8234-14



15,5 cm/6"
27-8236-15



Turnbull
11,5 cm/4 $\frac{1}{2}$ " 27-8238-11
13 cm/5" 27-8238-13

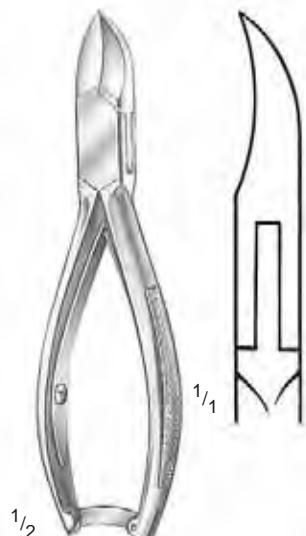


13 cm/5"
27-8242-13



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/5½" 27-8252-14
 16 cm/6¼" 27-8253-16



12 cm/4¾" 27-8340-12
 10 cm/4" 27-8342-10
 11 cm/4½" 27-8346-11

40



انواع ابزار معده، روده، رکتوم،
کبد، کيسه صفرا، کلیه و مجاري ادرار

**Magen, Darm,
Rektum, Leber, Gallenblase,
Niere, Blase und Harnwege**

**Stomach, Intestine,
Rectum, Liver, Gall-Bladder,
Kidney, Urology**

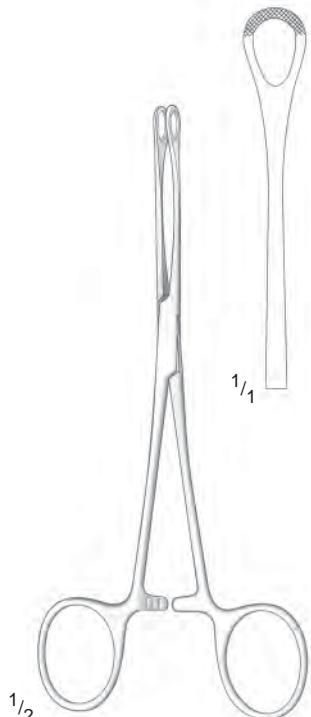
**Estómago, intestino, recto,
hígado, vesícula biliar,
riñón, vejiga y vías
urinarias**

**Estomac,intestin, rectum,
foie, vésicule biliaire, rein,
vessie et voies urinaires**

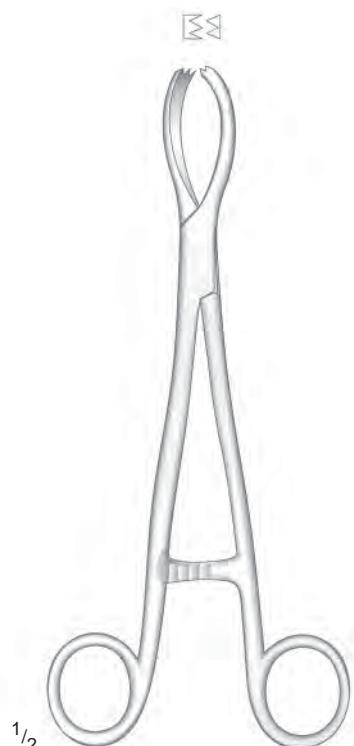


أنواع پنس

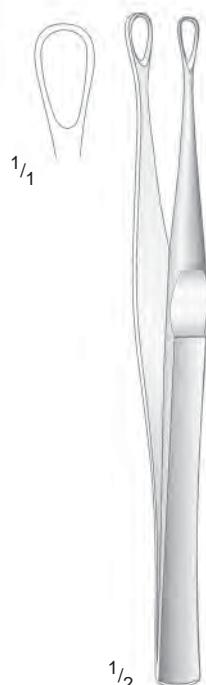
Gewebefaßzangen, Darmfaßzangen
Tissue Seizing Forceps, Intestinal Tissue Forceps
Pinzas para coger el tejido e intestinos
Pince pour saisir le tissu



Williams
16 cm/6¹/₄"
40-0100-16



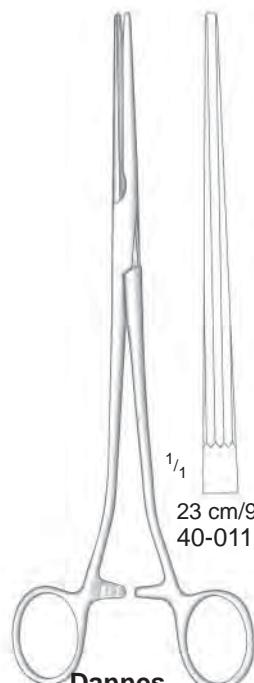
Little wood
19 cm/7¹/₂"
40-0101-19



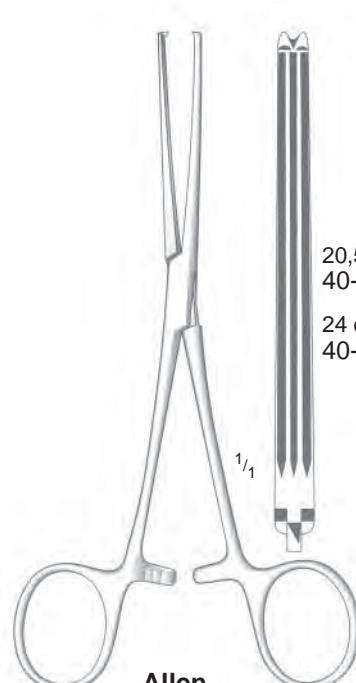
Denis-Browne
18 cm/7"
40-0102-18



Young
21 cm/8¹/₄"
40-0103-21



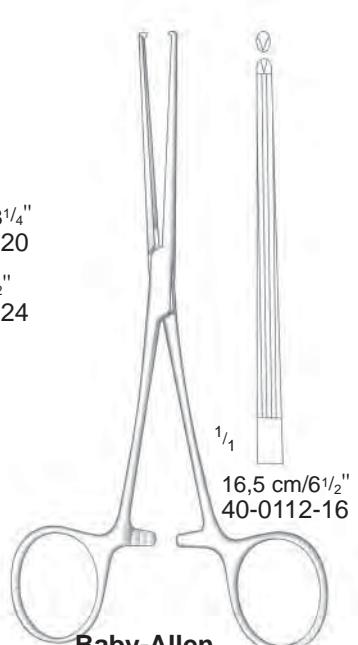
Dannes
23 cm/9"
40-0110-23



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

Pince-clamps pour anastomose intestinale



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40



Veidenheimer

23 cm/9"
40-0114-23

Fehland

24 cm/9 1/4"
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, Appendektomieklemmen; 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 Mastdarm-Spreizer, Rektum-Spreizer Abdominal Retracors and Spatulas Rectal Retractors Separadores abdominales y espátulas Espéculos y separadores abdominales Ecarteurs à paroi abdominale, spatules Ecarteurs rectaux	356-366 321-322
Pelvishaken Pelvis Retractors Pelvis separadores Ecarteurs pelviens	323



Payr-Baby
15 cm/6"



Payr-Baby
18 cm/7"



Payr

40-0130-15

40-0120-18
ohne Stift
without pin
sin espiga
sans cheville

40-0130-18
mit Stift
with pin
con espiga
à cheville

40-0120-20

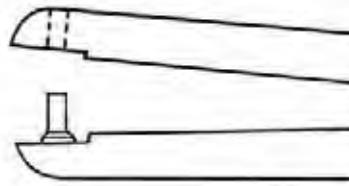
20 cm/8"
ohne Stift
without pin
sin espiga
sans cheville

40-0130-20

mit Stift
with pin
con espiga
à cheville

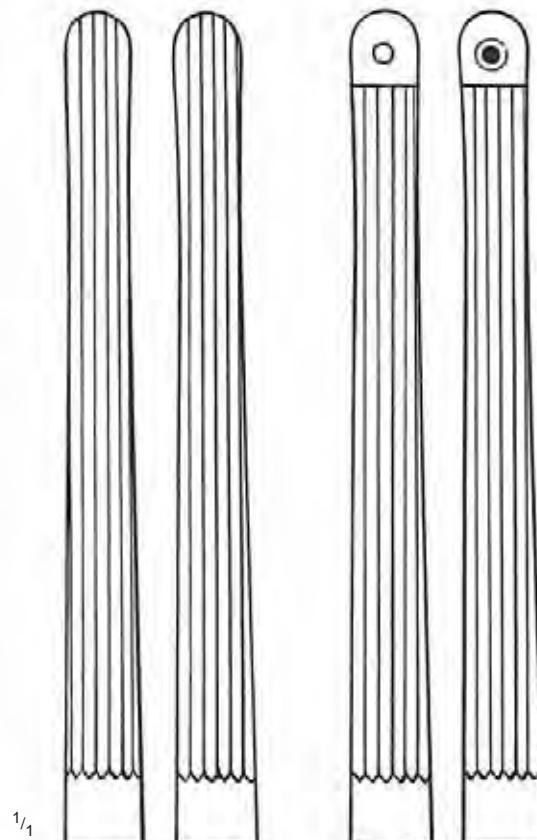
Darm- und Magenquetschklammern
Intestinal and Stomach Clamps
Pinzas-clamps intestinales y estomacales
Pince-clamps et écraseurs pour l'intestin et l'estomac

mit Stift
with pin
con espiga
à cheville



ohne Stift
without pin
sin espiga
sans cheville

mit Stift
with pin
con espiga
à cheville



40-0120-28

40-0120-35

28 cm/11"

35cm/14"

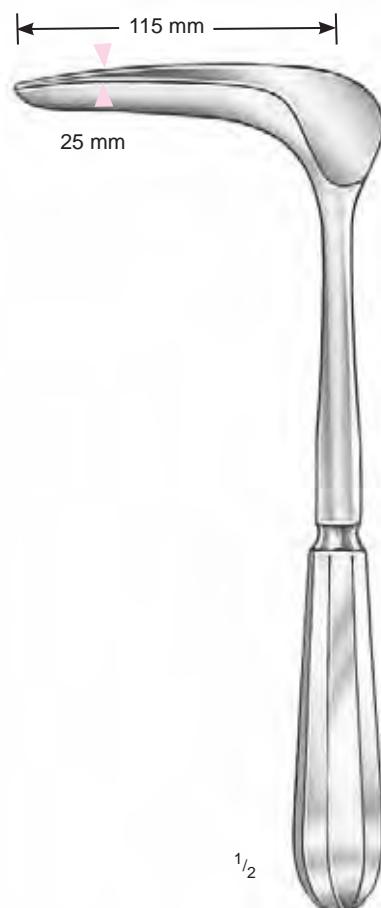
40-0130-28

40-0130-35



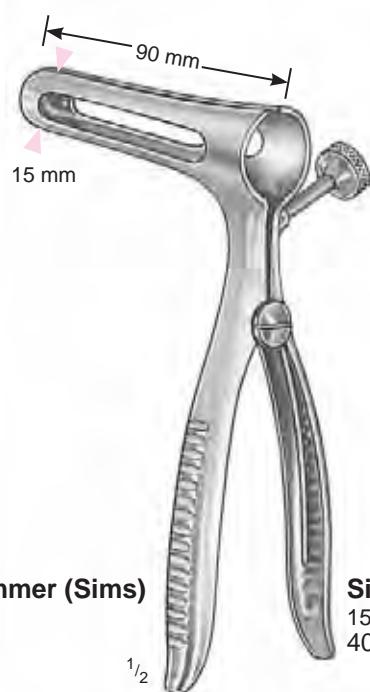
ابزار رکتوم

Rektum
Rectum
recto
rectum



Mastdarmspekula
 Rectal specula
 Espátulas rectales
 Spéculums rectaux

Czerny
 22 cm/8 3/4"
 40-0203-22

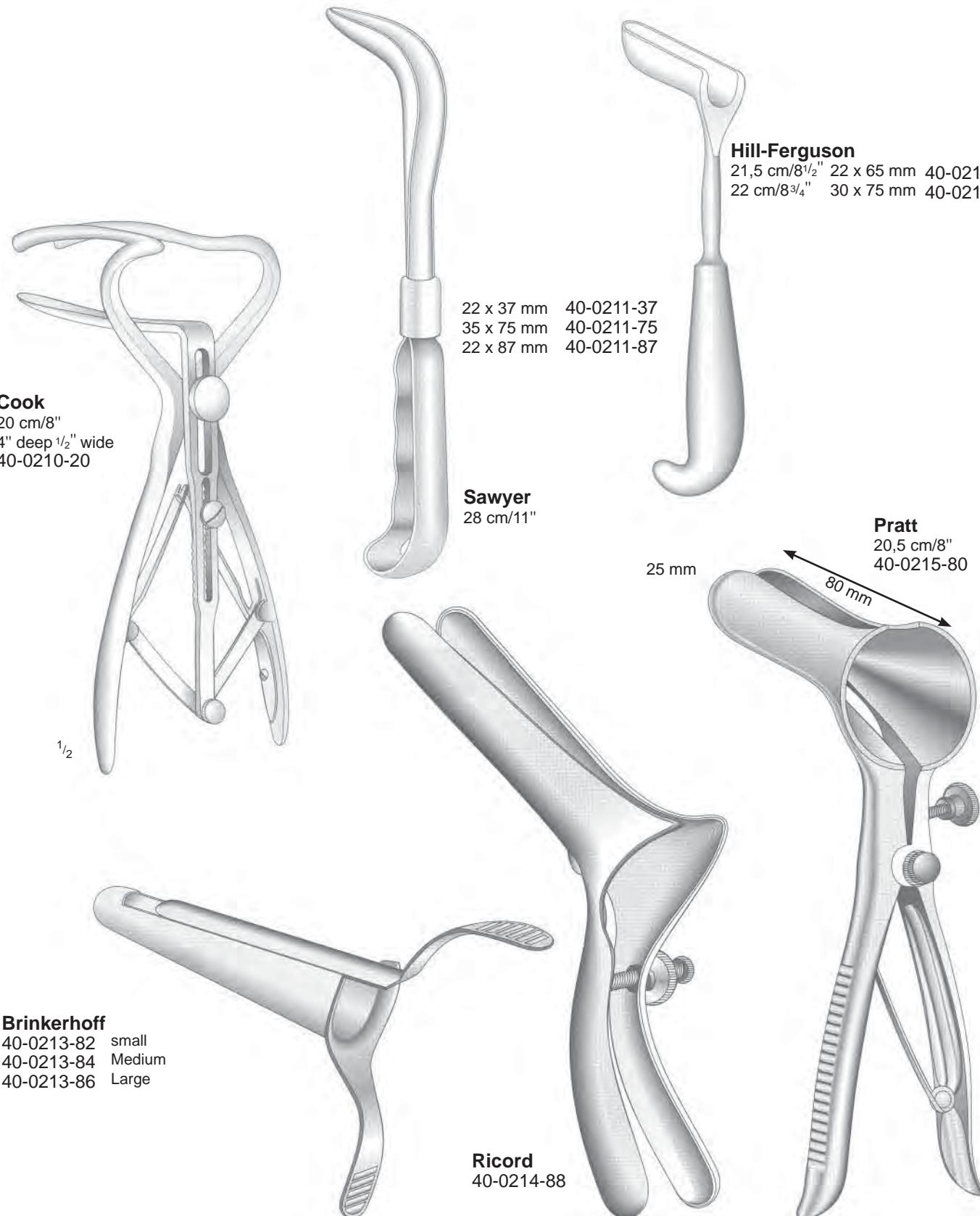


Bodenhammer (Sims)
 15 cm/6"
 40-0206-16



Sims
 15 cm/6"
 40-0207-16

Pratt
 22 cm/8 3/4"
 40-0209-22

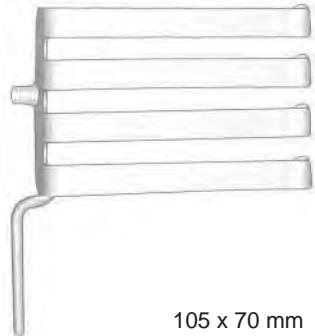


40



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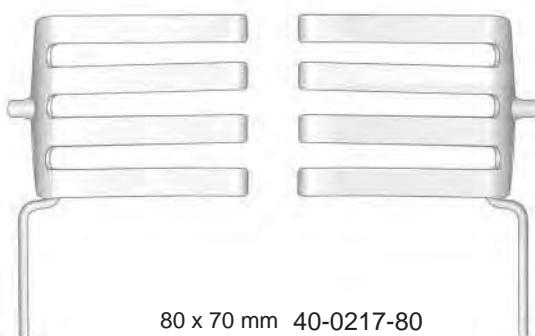
اسپرايدر ركتال
Analspreizer
Rectal Spreaders
Separadores rectales
Ecarteurs rectaux



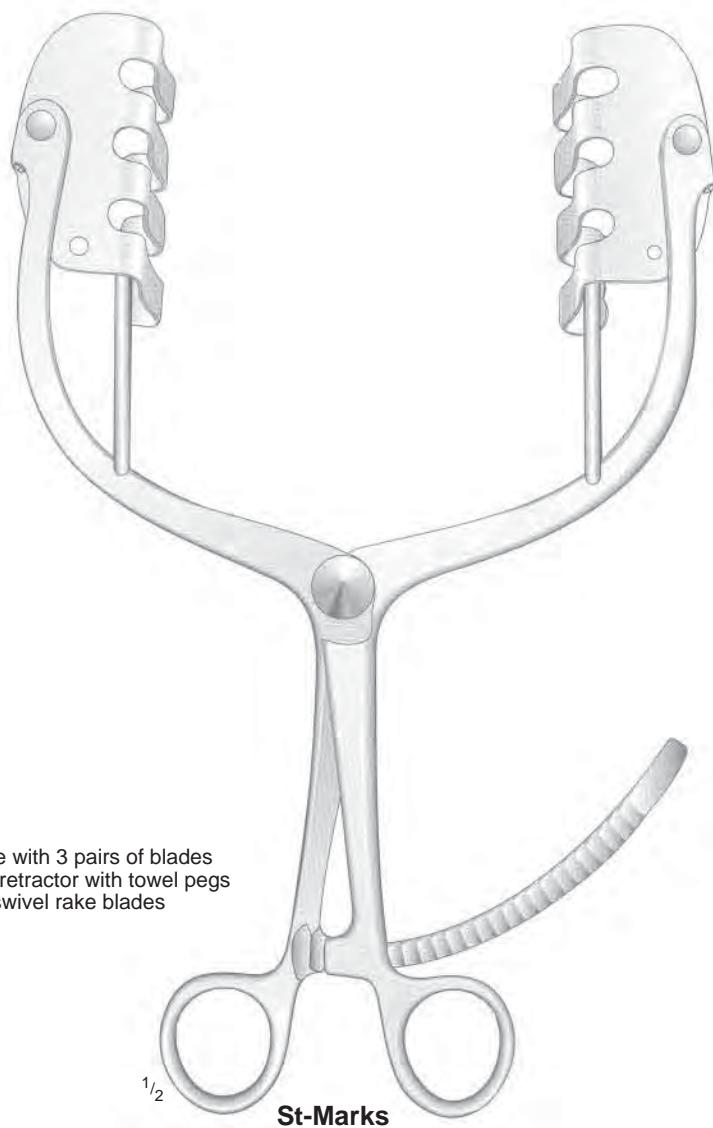
105 x 70 mm 40-0217-95



80 x 70 mm 40-0217-80



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



Barr
20,5 cm/8"
40-0218-20



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



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ابزار رکتوم

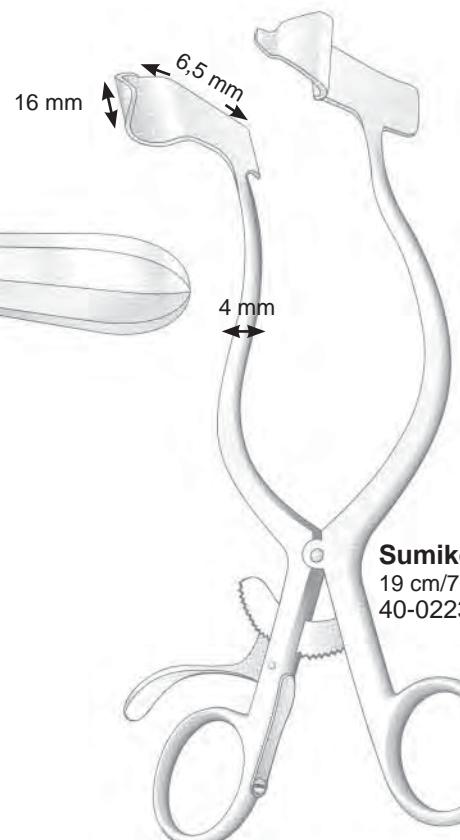
**Rektum
Rectum
recto
rectum**



Naunton-Morgan
70 x 22 mm Ø
40-0220-70

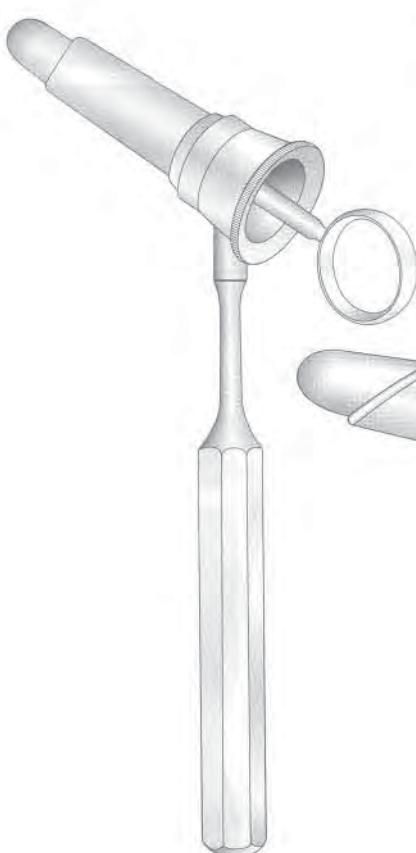


Kelly
36 x 22 mm Ø 40-0222-36
64 x 25 mm Ø 40-0222-64



Sumikoshi
19 cm/7 1/2"
40-0223-19

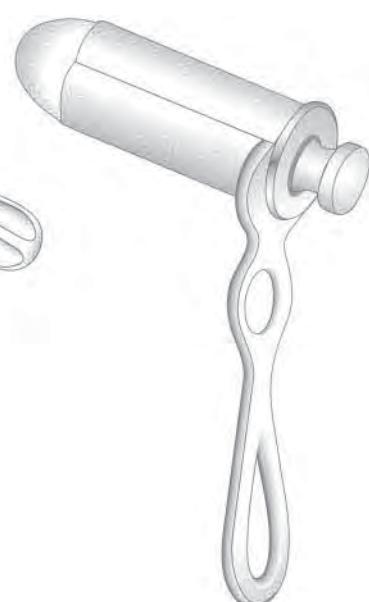
Heavy type, ratched
beckman, eaton type



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

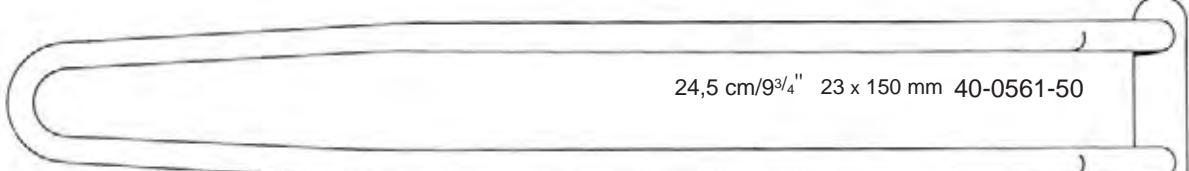


Graeme-Anderson
64 x 24 mm Ø 40-0228-24

Chelsea Eaton
75 x 22 mm Ø 40-0229-22
75 x 32 mm Ø 40-0229-32

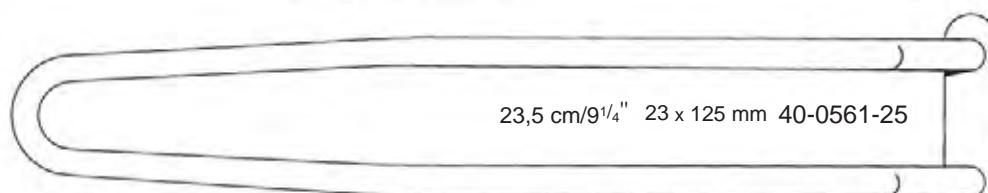


Mastdarmspekula
Rectal specula
Espéculos rectales
Spéculums rectaux



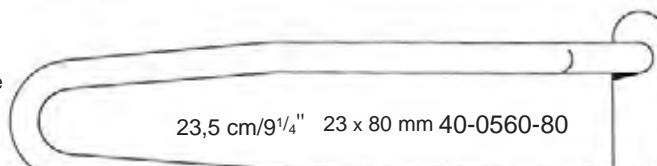
für Erwachsene
for adults
para adultos
pour adultes

24,5 cm/9^{3/4}" 23 x 150 mm 40-0561-50



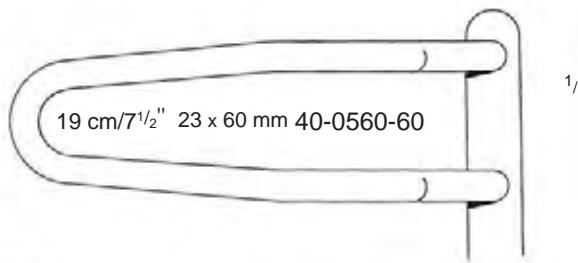
23,5 cm/9^{1/4}" 23 x 125 mm 40-0561-25

für Erwachsene
for adults
para adultos
pour adultes

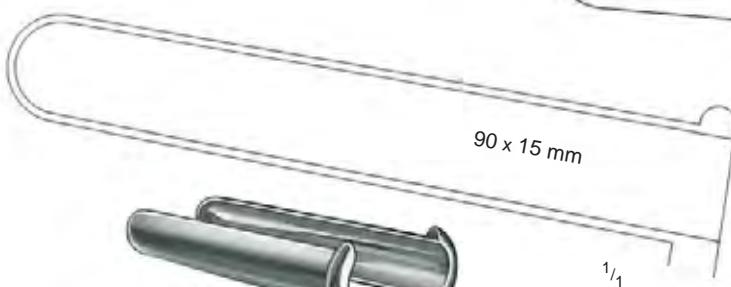


23,5 cm/9^{1/4}" 23 x 80 mm 40-0560-80

für Kinder
for children
para niños
pour enfants



19 cm/7^{1/2}" 23 x 60 mm 40-0560-60



90 x 15 mm

1/1



Mathieu
19 cm/7^{1/2}"
40-0543-19

1/2



Sims
(Schulze-Bergmann)

1/2



ابزار رکتوم
Rektum
Rectum
recto
rectum

Sphinkteroskope
Sphincterscopes
Esfinteroscopios
Sphincterscopes

Proktoskope
Proctoscopes
Proctoscopios
Proctoscopes



Kelly
 \varnothing 21 mm x 50 mm 40-0601-21
 \varnothing 25 mm x 50 mm 40-0601-25
 \varnothing 27 mm x 50 mm 40-0601-27



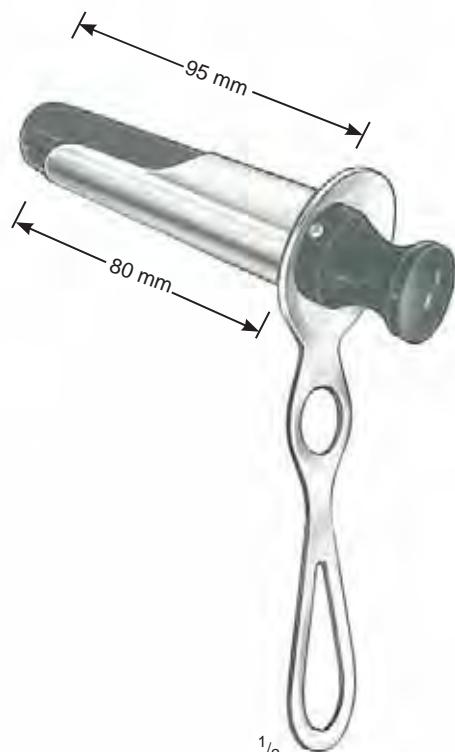
Kelly
 \varnothing 22 mm x 50 mm 40-0722-05
 \varnothing 22 mm x 100 mm 40-0722-10
 \varnothing 22 mm x 145 mm 40-0722-14
 \varnothing 22 mm x 200 mm 40-0722-20

Anuskope
Anoscopes
Anoscopios
Anoscopes



Hirschmann

Fig 1 \varnothing 16 mm x 65 mm 40-0806-16
 Fig 2 \varnothing 19 mm x 65 mm 40-0806-19
 Fig 3 \varnothing 22 mm x 65 mm 40-0806-22



Ives-Fansler
 $22 \text{ mm } \varnothing$
 40-0826-22

انواع پانچ بیوپسی رکتال و روگاه

Mastdarmbiopsiezangen, Darm
Rectal Biopsy Forceps, Intestine
Pinzas para biopsia rectal, intestino
Pinces à biopsie rectale, intestin



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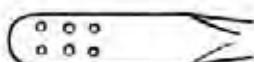
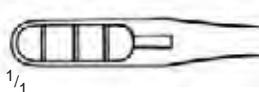
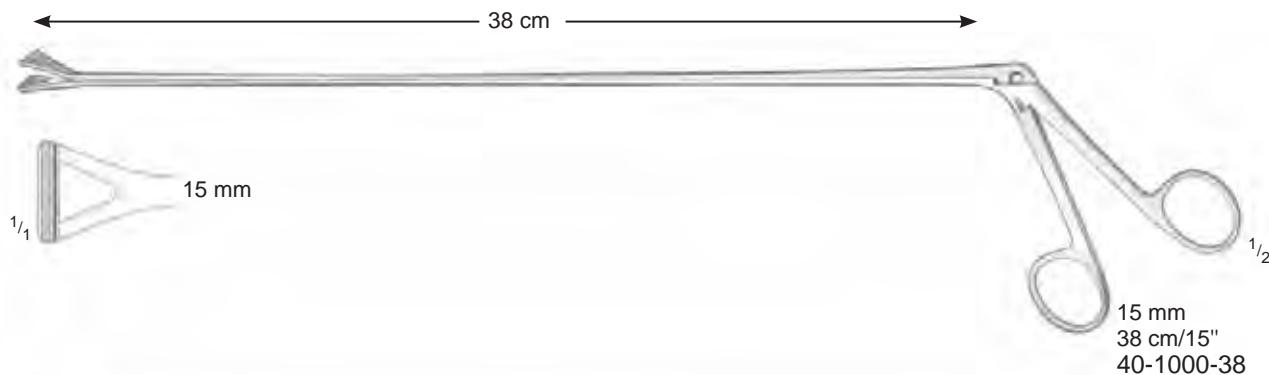


Fig. 1

Fig. 2

Fig. 3

Fig. 4

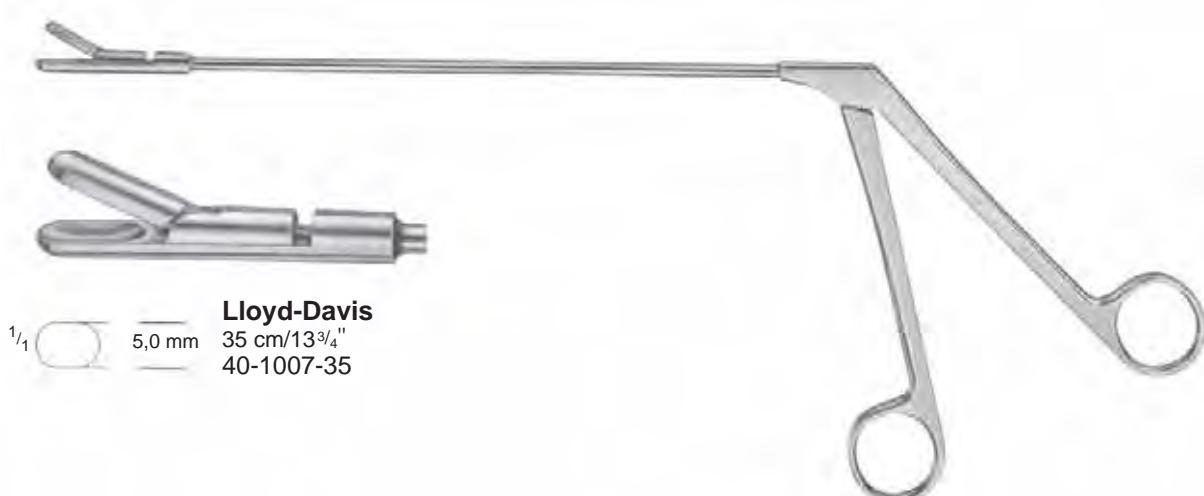
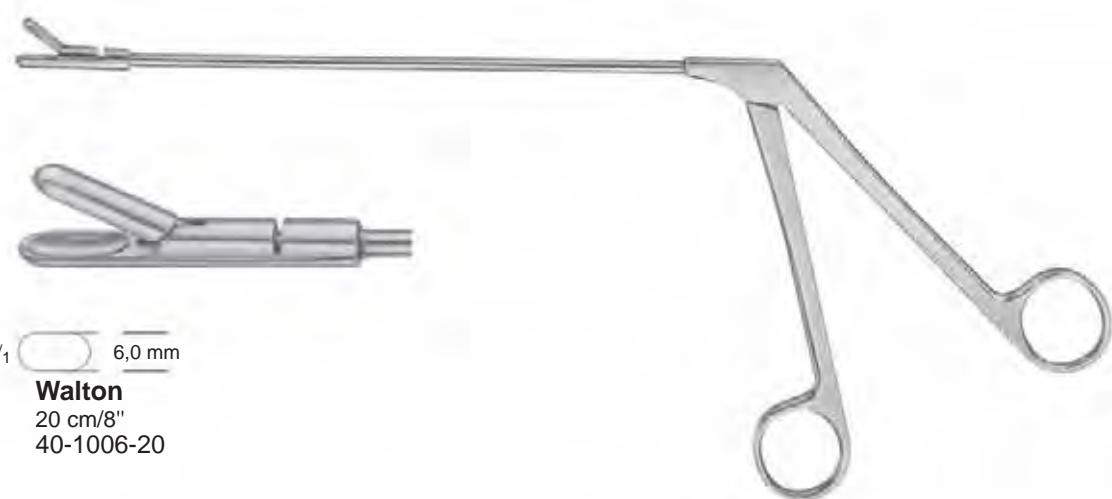
cm	inch.	Fig. 1	Fig. 2	Fig. 3	Fig. 4
28	11	40-1001-28	40-1002-28	40-1003-28	40-1004-28
35	13 $\frac{3}{4}$	40-1001-35	40-1002-35	40-1003-35	40-1004-35
42	16 $\frac{1}{2}$	40-1001-42	40-1002-42	40-1003-42	40-1004-42



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أنواع پانچ بیوپسی رکتال و روده

Mastdarmbiopsiezangen, Darm
Rectal Biopsy Forceps, Intestine
Pinzas para biopsia rectal, intestino
Pince à biopsie rectale, intestin



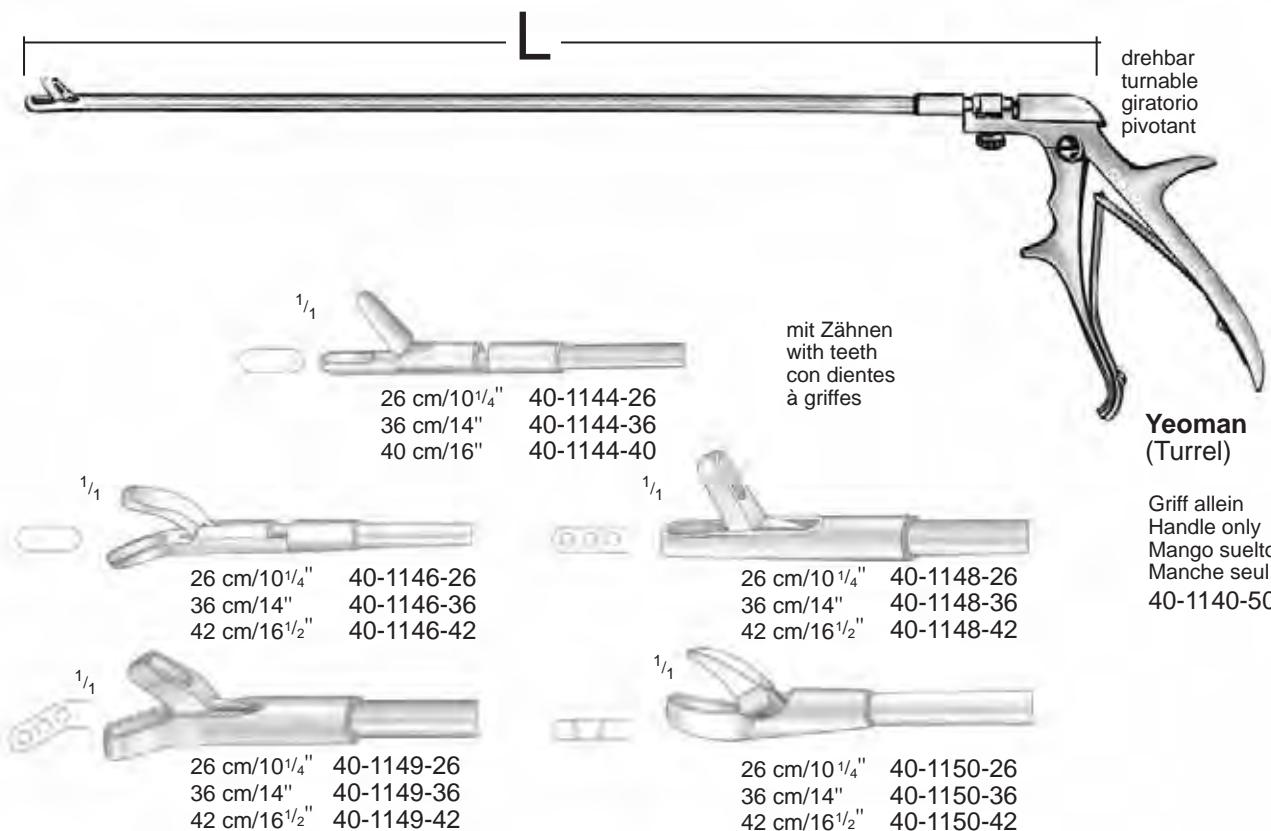
انواع پانچ بیوپسی رکتال و روگاه

Mastdarmbiopsiezangen, Darm
Rectal Biopsy Forceps, Intestine
Pinzas para biopsia rectal, intestino
Pince à biopsie rectale, intestin



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Auswechselbare Griffe für Mastdarm-Biopsiezangen

Interchangeable handles for Rectal Biopsy Specimen Forceps

Mangos intercambiables para pinzas sacabocados para biopsia rectal

Manches interchangeables pour pinces emporte-pièces à biopsie rectale



Yeoman
40-1120-50

Walton
40-1130-50

Universal
40-1140-50



ابزار جراحی هموروئید

Hämorrhoidal-Ligatoren

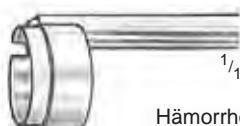
Haemorrhoidal Ligators

Ligadores hemorroidales

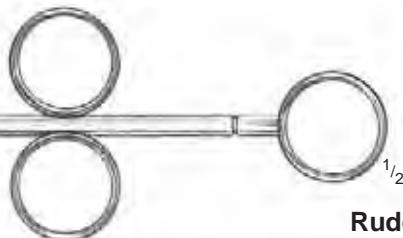
Ligateurs pour l'ablation des hémorroïdes



40-1454-92
12 mm Ø

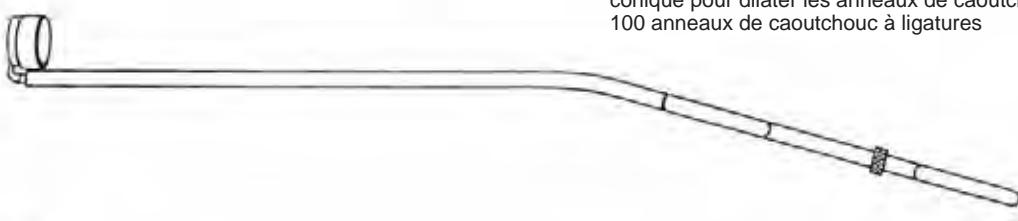


$\frac{1}{1}$



Rudd
31,5 cm/12 $\frac{1}{2}$ "

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



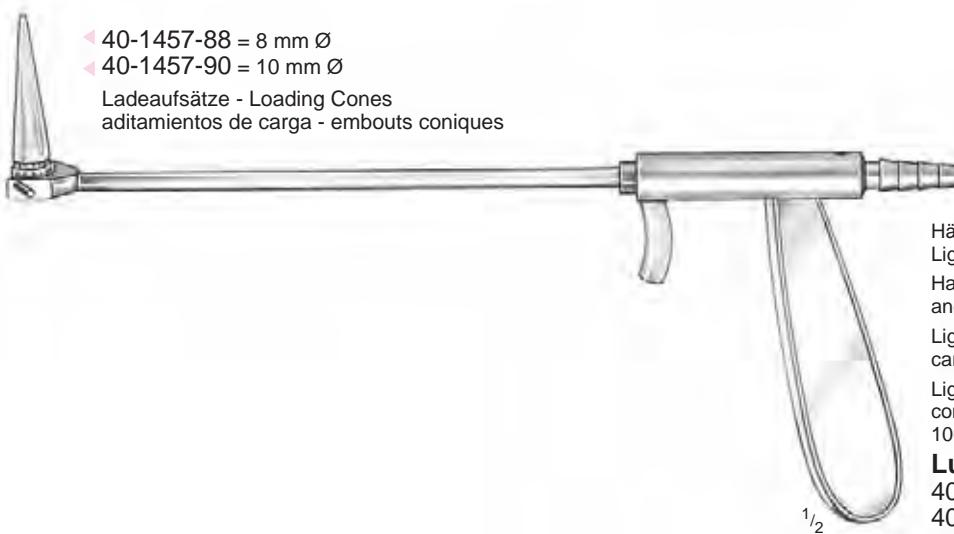
gerade
straight
rectas
droits
40-1454-12 gebogen
curved
curvas
courbes
40-1455-12



$\frac{1}{1}$ 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

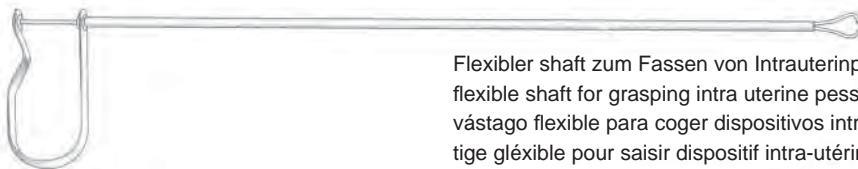
Estomac, intestin, rectum



Univer®

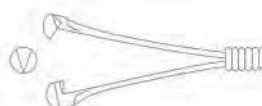
40

37,5 cm/15" 40-1458-37
45 cm/17 3/4" 40-1458-45



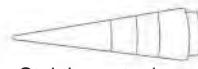
Flexible shaft zum Fassen von Intrauterinpessaren
flexible shaft for grasping intra uterine pessary
vástago flexible para coger dispositivos intra-uterinos
tige gléxible pour saisir dispositif intra-utérin

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

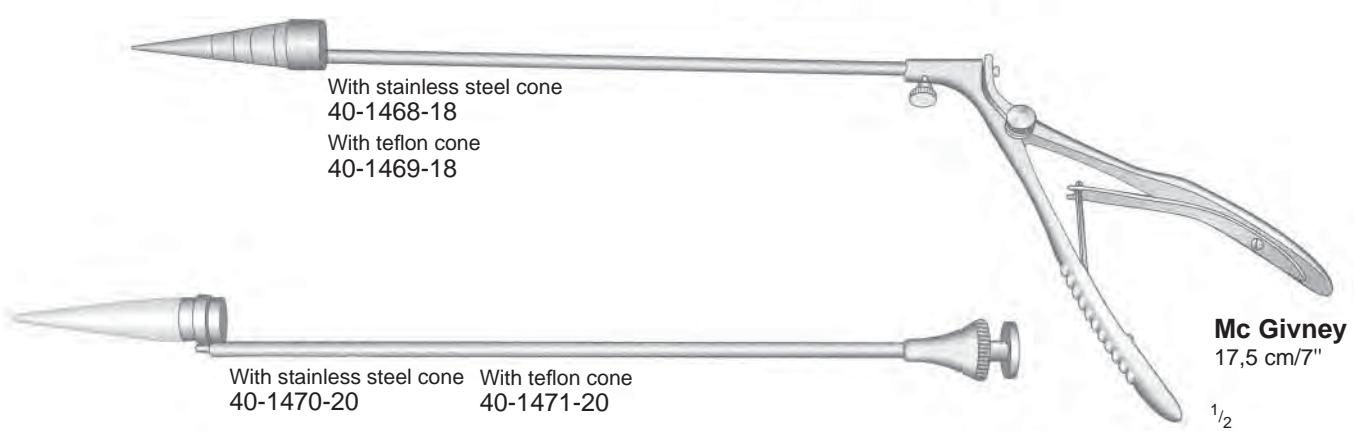
With stainless steel cone
40-1460-94

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

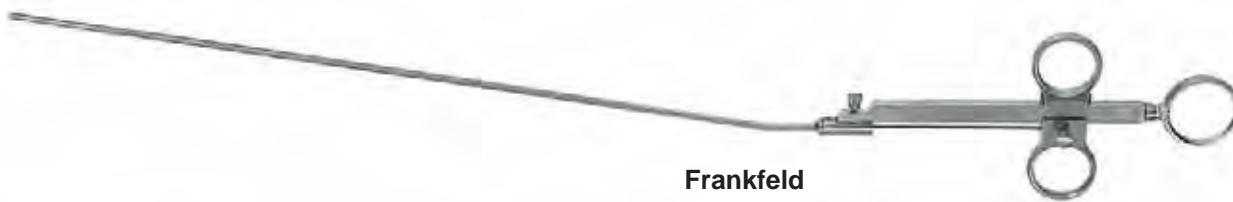


With stainless steel cone 40-1470-20
With teflon cone 40-1471-20

Mc Givney
17,5 cm/7"
1/2



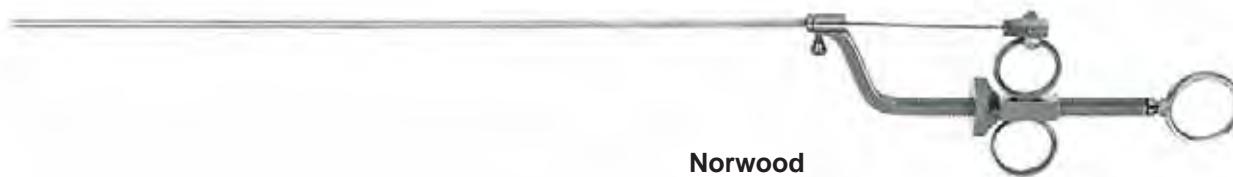
سرورکتال، روڈ

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

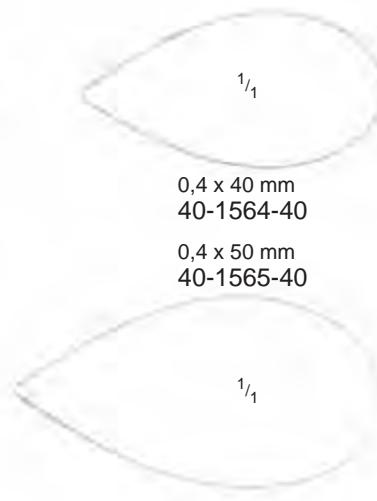
Stahldraht für Rektal-Schnürer
Steel Wire for Rectal Snares
Alambre de acero para cierra-nudos rectales
Fil d'acier pour serre-noeuds rectaux

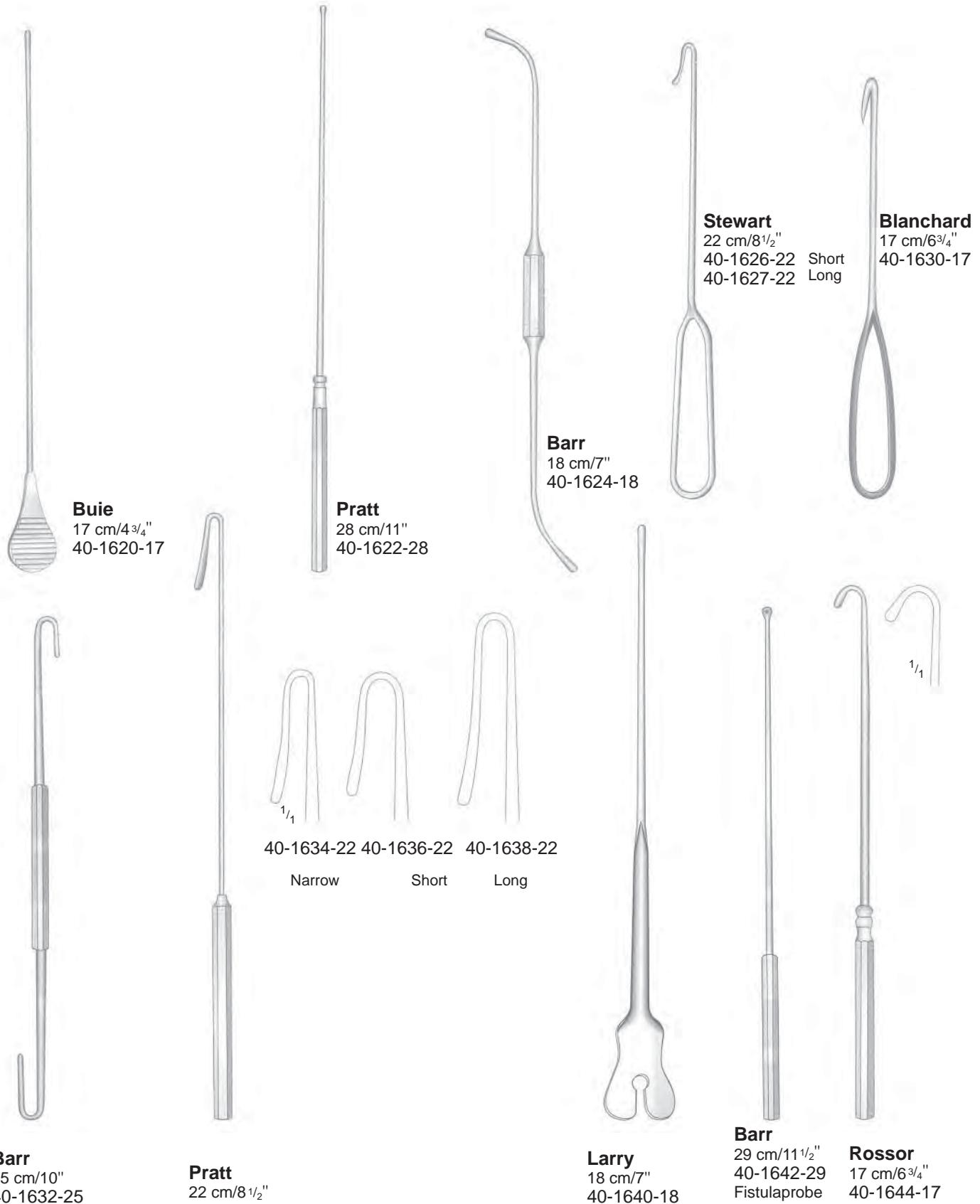
Schnürerdrähte, geformt
Snare Wires, shaped
Asas de alambre, preparadas
Anses en fil d'acier, préparées

Drahtschlingen, gelötet
Wire Loops, soldered
Asas de alambre, soldadas
Anses en fil d'acier, soudées



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
40-1564-400,4 x 50 mm
40-1565-40





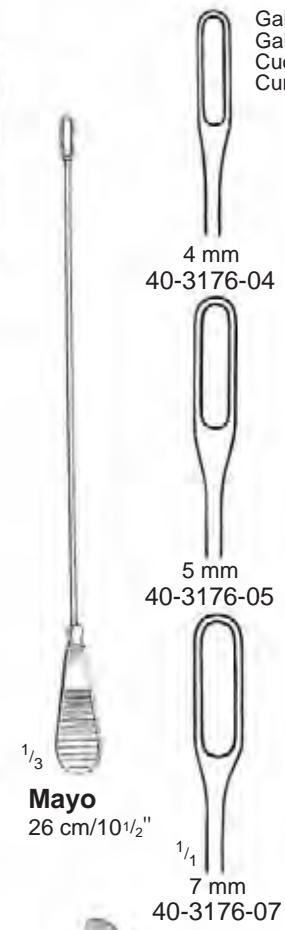
انواع پروب و دیلاتور کبد و کلیه و کیسه صفراء

Leber, Galle, Niere
Liver, Gall, Kidney
Higado, Bilis, Riñón
Foie, Bile, Rein



Gallenstein-Sonde und Löffel, biegsam, Zinn
 Gall Stone probe and scoop, malleable, tin
 Explorador maleable para cálculos biliares, estaño
 Sonde exploratrice et curette pour calculs biliaires,
 malléable, en étain

Moynihan
 34 cm/13½"
 40-3110-34



Mayo
 26 cm/10½"

7 mm
 40-3176-07

Gallensteinlöffel
 Gall Stone Scoops
 Cucharillas para coger cálculos biliares
 Curettes pour calculs biliaires

1/1

40-3176-45

Mayo
 26 cm/10½"

1/3



Desjardins
 30 cm/12"
 federnd, elastic
 elásticas, élastiques

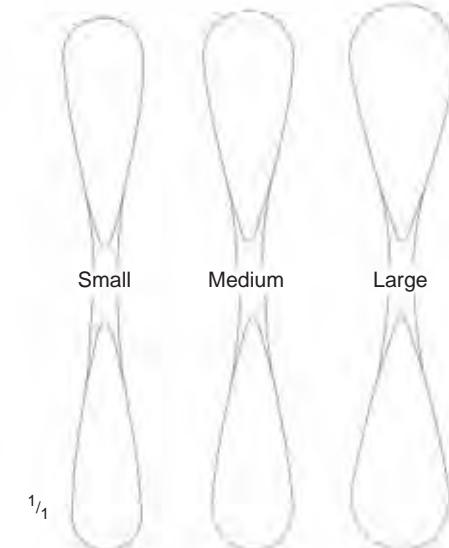


Fig. 1
 40-3250-06

Fig. 2
 40-3250-07

Fig. 3
 40-3250-08

Fig. 4
 40-3250-09



21,5 cm/8½" 22 cm/8¾" 23,5 cm/9¼"
 40-3254-21 40-3254-22 40-3254-23

1/1

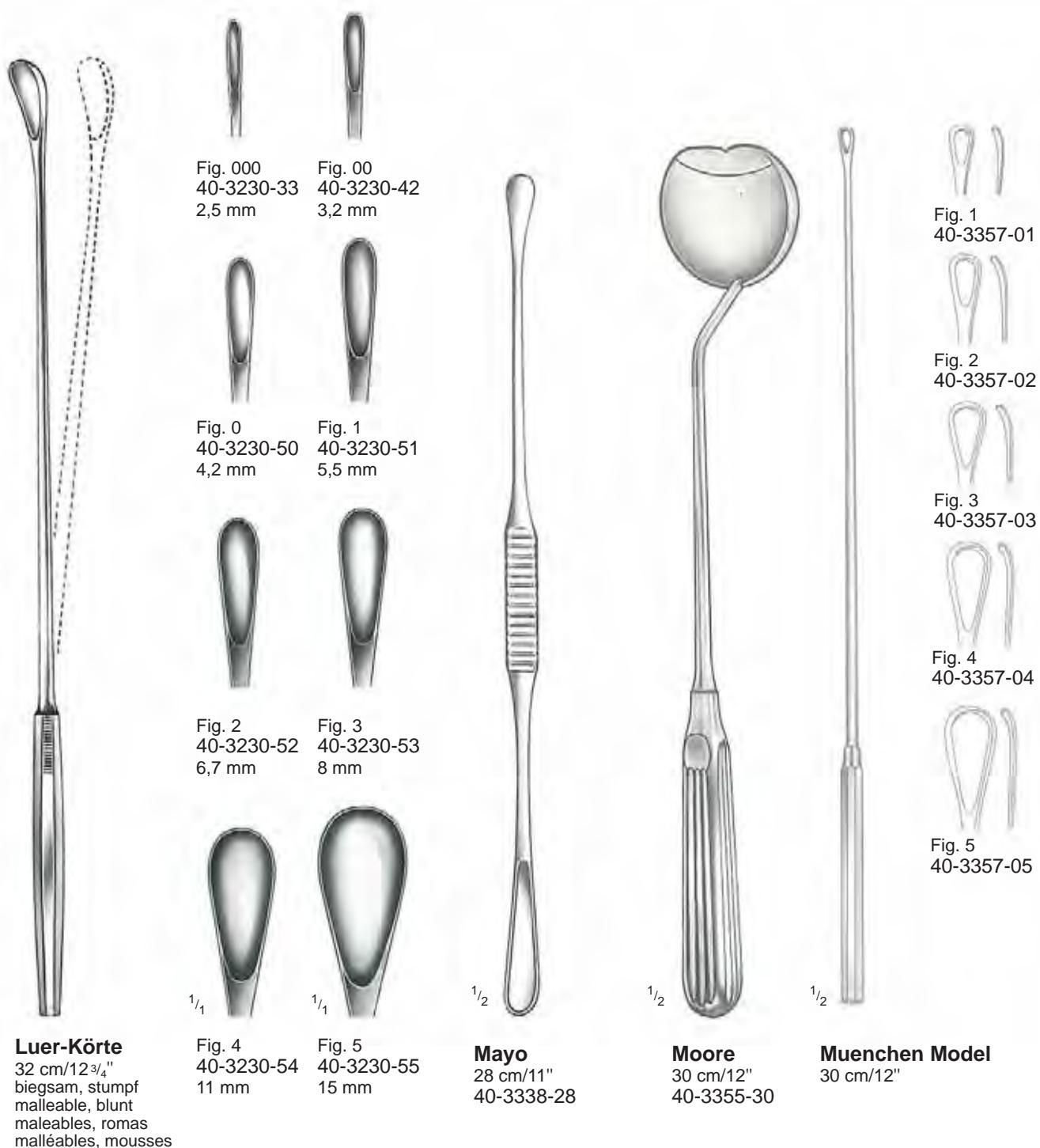
Fergusson

1/2

1/2



Gallensteinlöffel
Gall Stone Scoops
Cucharillas para coger cálculos biliares
Curettes pour calculs biliaires



Luer-Körte
32 cm/12 3/4"
biegsam, stumpf
malleable, blunt
maleables, romas
malleables, mousses

Fig. 4
40-3230-54
11 mm

Fig. 5
40-3230-55
15 mm

Mayo
28 cm/11"
40-3338-28

Moore
30 cm/12"
40-3355-30

Muenchen Model
30 cm/12"



Univer®

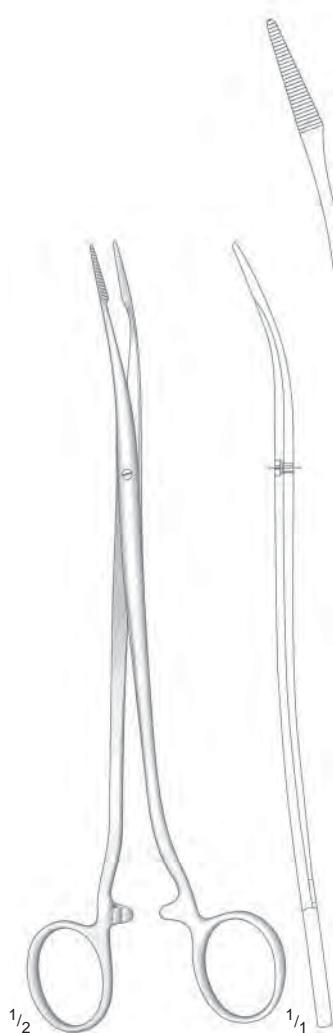
پنس سنگ کیسه صفرا

Gallensteinzangen

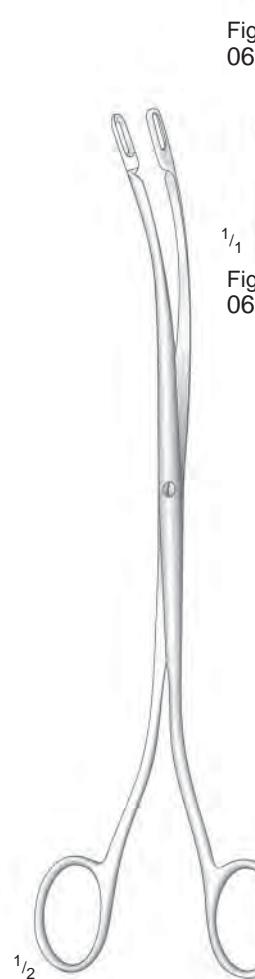
Gall Stone Forceps

Pinzas para cálculos biliares

Pince pour calculs biliaires



21 cm/8 $\frac{1}{4}$ "
40-3421-21



Desjardins
23 cm/9"



Fig. 1
06-4911-01

Fig. 1
40-3601-23



Fig. 2
40-3602-23



Fig. 3
40-3603-23

Fig. 4
40-3604-23

پنس سنگ کیسه صفراء

Gallensteinzangen

Gall Stone Forceps

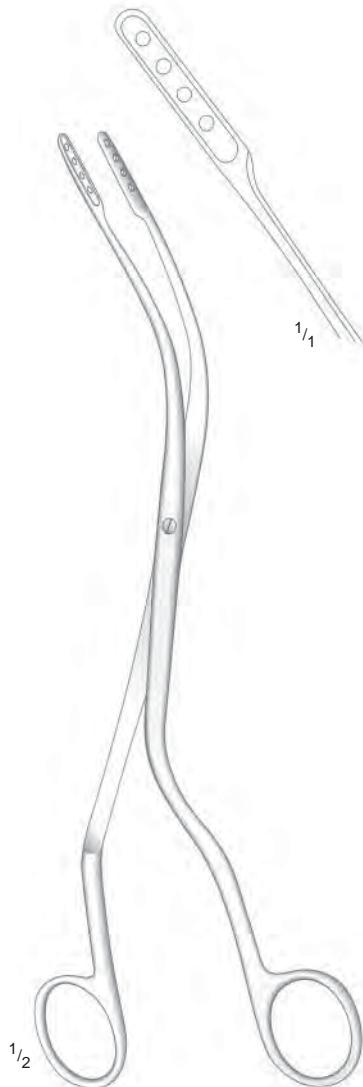
Pinzas para cálculos biliares

Pince pour calculs biliaires



Univer®

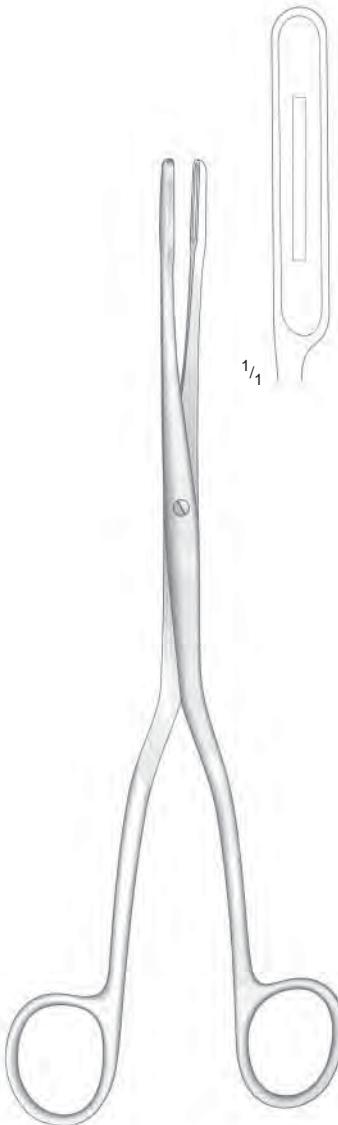
40



Tubinger-modell
25 cm/10"
40-3810-25



Stille
24,5 cm/9¾"
40-3810-25



Over street forceps
23 cm/9"
40-3810-25



پنس نفرستومی
Nephrostomy Forceps



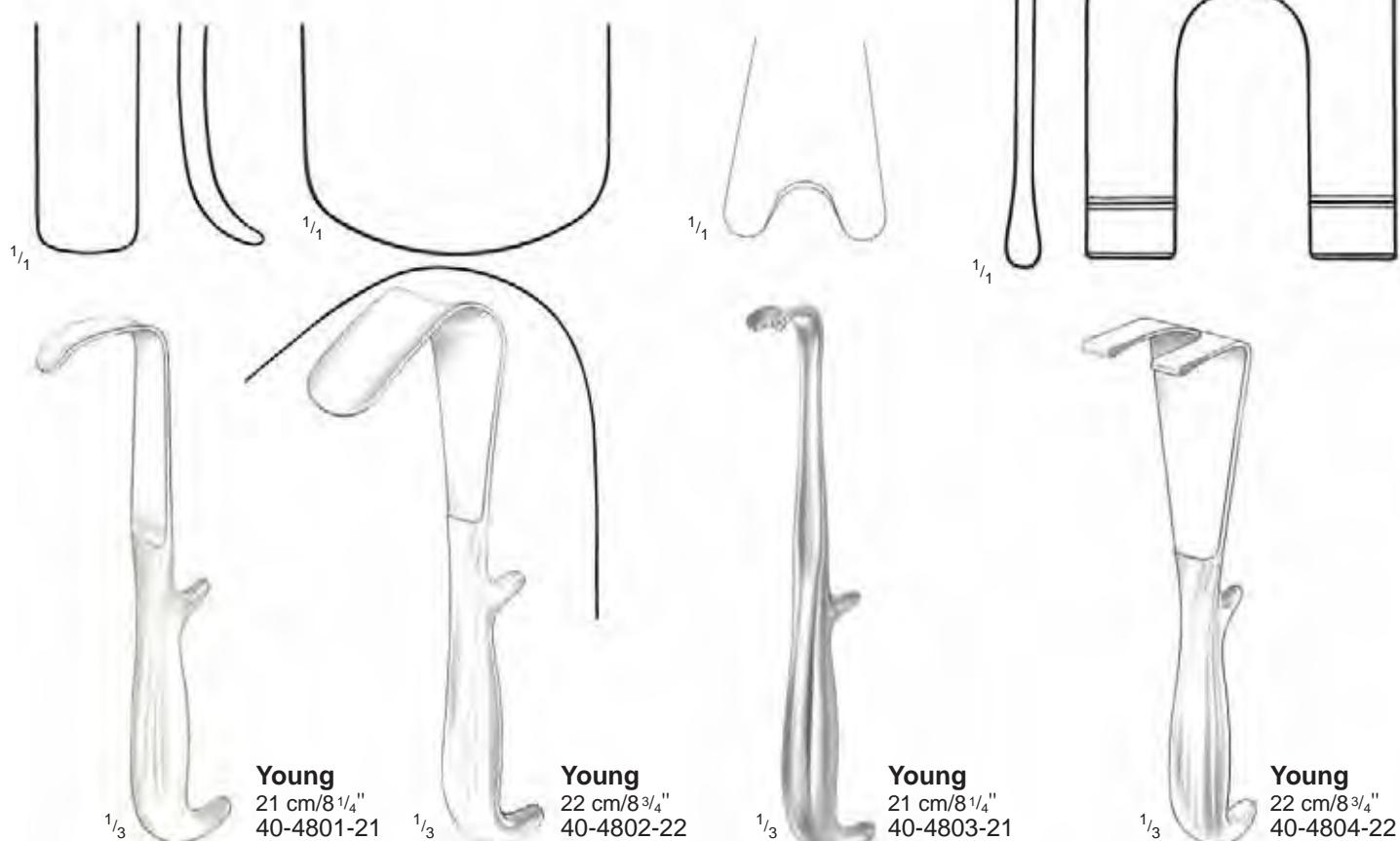
Elsasser
Fig. 1
20 cm/8"
40-4016-20



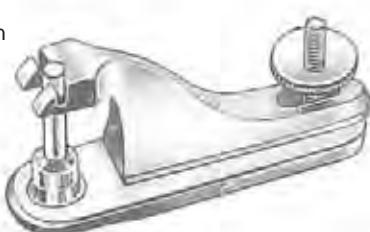
Elsasser
Fig. 2
20 cm/8"
40-4017-20



اکارتور پروستات Prostatic Retractors • Separadores para la próstata • Ecarteurs prostatiques



Circumcisionsgerät
(Beschneidungsklemme)
Circumcision Instrument
Instrumento para circuncisión
Instrument de circoncision



	\varnothing mm
40-4910-08	8,0
40-4910-1111,0	
40-4910-1313,0	
40-4910-1414,5	
40-4910-1616,0	
40-4910-2121,0	
40-4910-2424,0	
40-4910-2626,0	
40-4910-2929,0	
40-4910-3232,0	
40-4910-3535,0	



^{1/1}
Fremdkörperzange
Foreign body forceps
Pinza para cuerpos extraños
Pince à corps étrangers

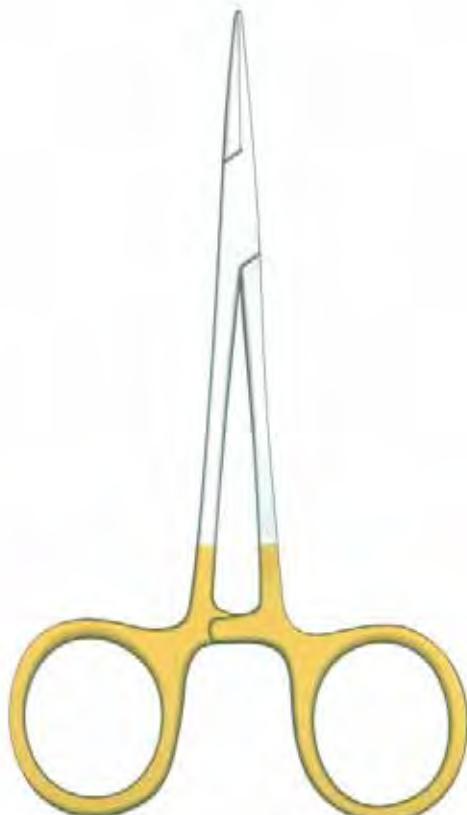


Mathieu
40-4990-20 L = 20 cm/8"
40-4990-28 L = 28 cm/11"

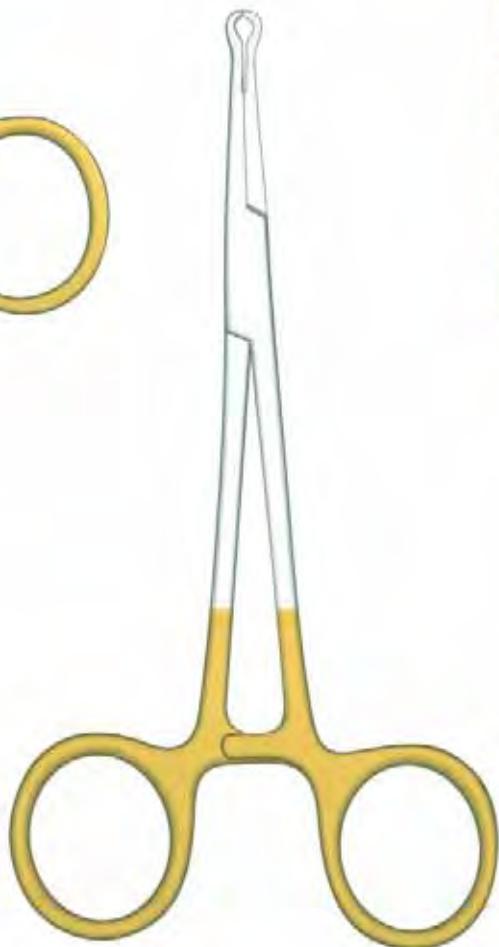


Vasektomie Instrumente
Vasectomy Instrument
Instrumento para Vasectomía
Instrument de Vasectomie

وازکتومی
Vasectomy Set



Vasectomy forceps
12 cm/4^{3/4}" 40-5820-12
14 cm/5^{1/2}" 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

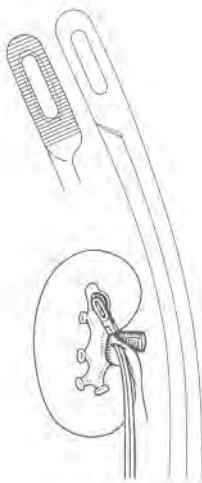


Fig. 1
23 cm/9"
40-5940-23

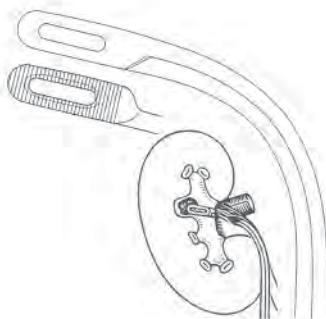


Fig. 2
21 cm/8 1/4"
40-5942-21

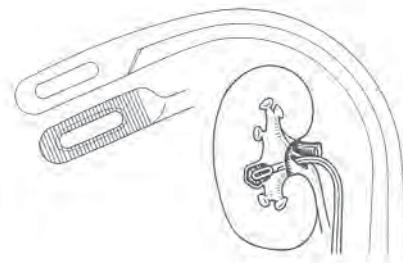


Fig. 3
19 cm/7 1/2"
40-5944-19

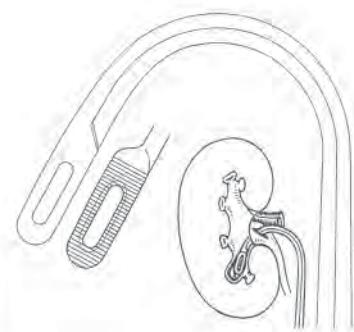


Fig. 4
18,5 cm/7 1/4"
40-5946-18



Randall

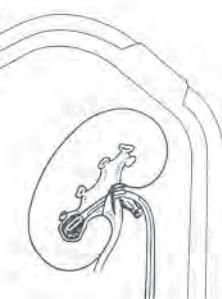


Fig. 5
19 cm/7 1/2"
40-5948-19

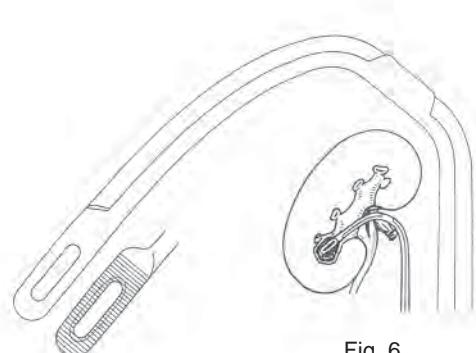


Fig. 6
19 cm/7 1/2"
40-5950-19



Univer®

پنس سنگ کلیه

Nierensteinzangen

Kidney Stone Forceps

Pinzas para cálculos renales

Pince pour les calculs du bassine



Fig. 1
23 cm/9"
40-6052-23

1/1

1/2

Fig. 2
24,5 cm/9 3/4"
40-6052-25

1/1

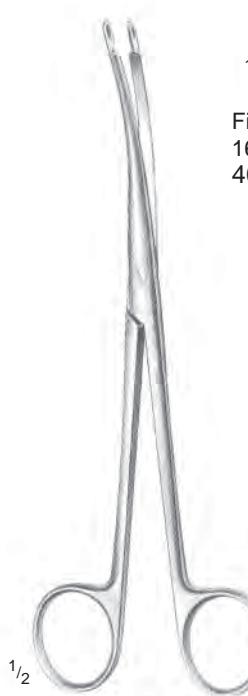


Fig. 1
16 cm/6 1/4"
40-6254-16

1/1

1/2

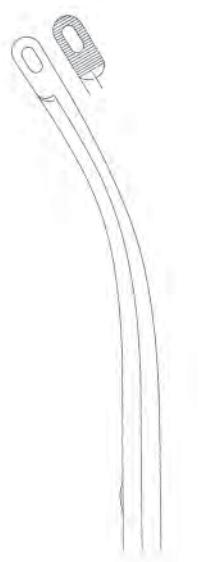
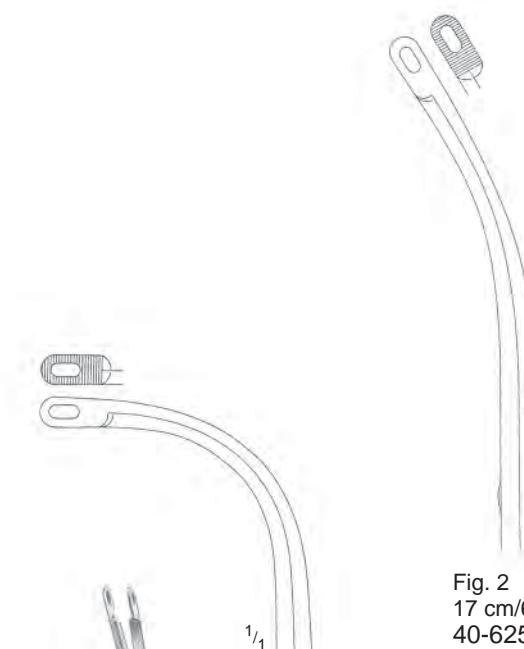


Fig. 2
17 cm/6 3/4"
40-6254-17





(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

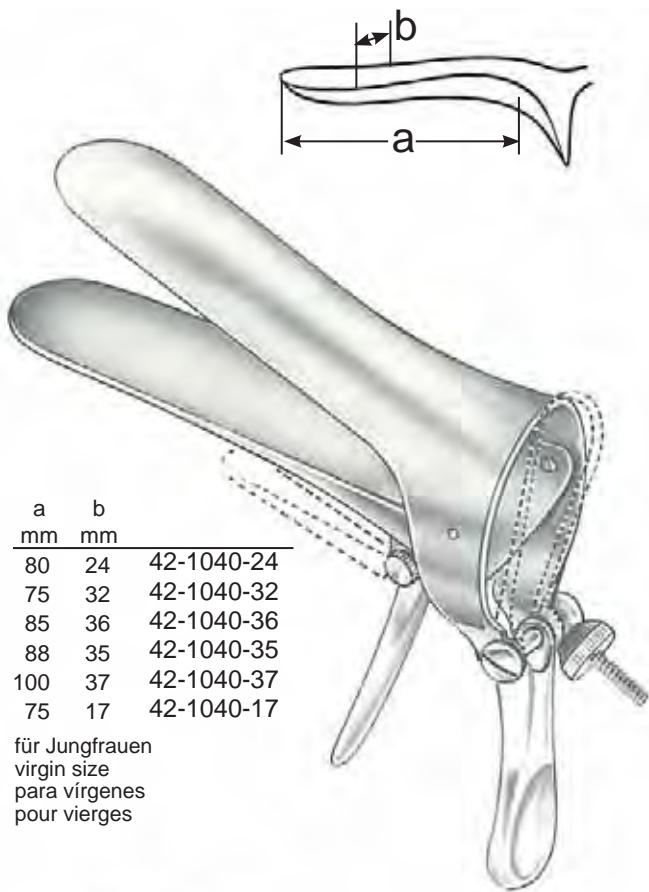
	Weitere Instrumente siehe Seite More instruments see page Para más instrumentos véase página d'autres instruments voir page
Gallenkanal- und Zystikusklemmen Gall Duct and Cystic Forceps Pinzas-clamps para conductos biliares y pinzas císticas Pince-clamps pour voies biliaires et cystiques	173-230 232
Gallensteinzangen Gall Stone Forceps Pinzas para cálculos biliares Pince pour calculs biliaires	238-239 259
Nierenstielklemmen, Nierenarterienklemmen Kidney Pedicle Clamp Forceps, Renal Artery Clamps Pinzas-clamps para pedúnculos renales y para las arterias renales Pince-clamps pour pédicules rénaux et pour l'artère rénale	233-234
Prostatektomie-Zangen Prostatectomy Clamps Pinzas-clamps para prostatectomia Pince-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 riñón 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 dilatadoras Bougies dilatatrices	638-640



42

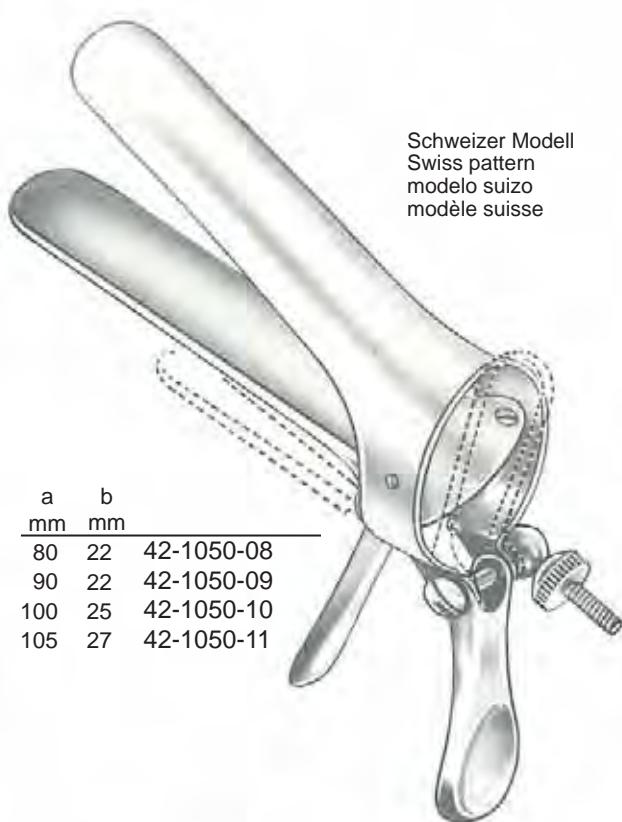


ابزار جراحی زنان و زایمان
Gynäkologie, Geburtshilfe
Gynecology, Obstetrics
Ginecología, obstetricia
Gynécologie, obstétrique

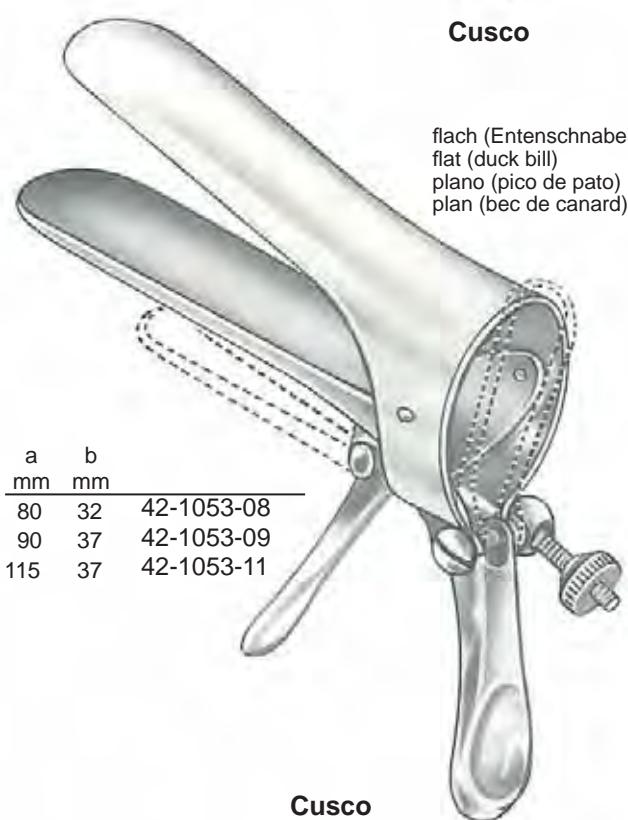


für Jungfrauen
virgin size
para vírgenes
pour vierges

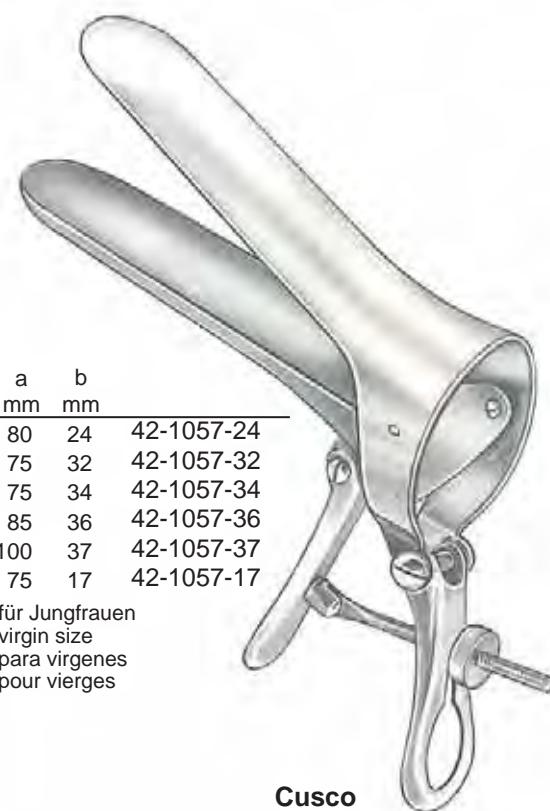
Cusco



Cusco



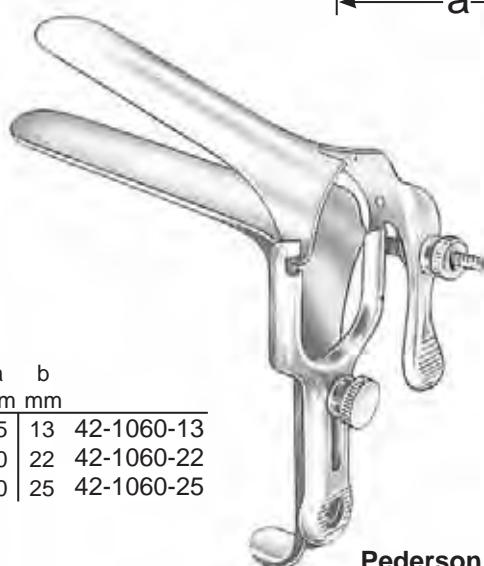
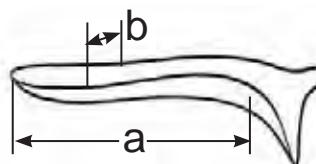
Cusco



Cusco

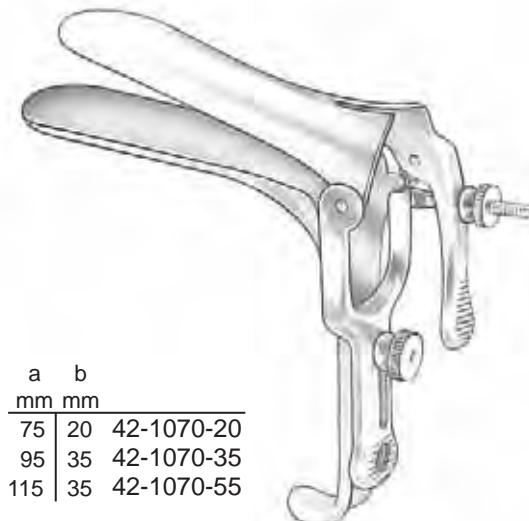


Scheidenspekula
Vaginal Specula
Espátulas vaginales
Spéculum vaginaux



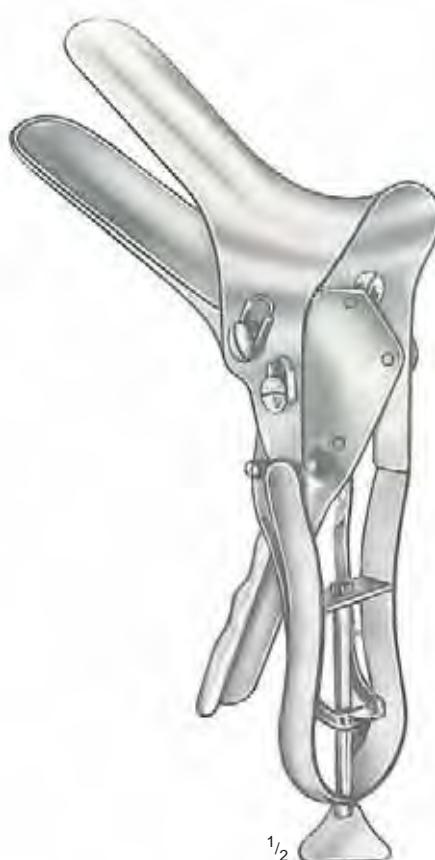
	a mm	b mm	
75	13	42-1060-13	
100	22	42-1060-22	
120	25	42-1060-25	

Pederson



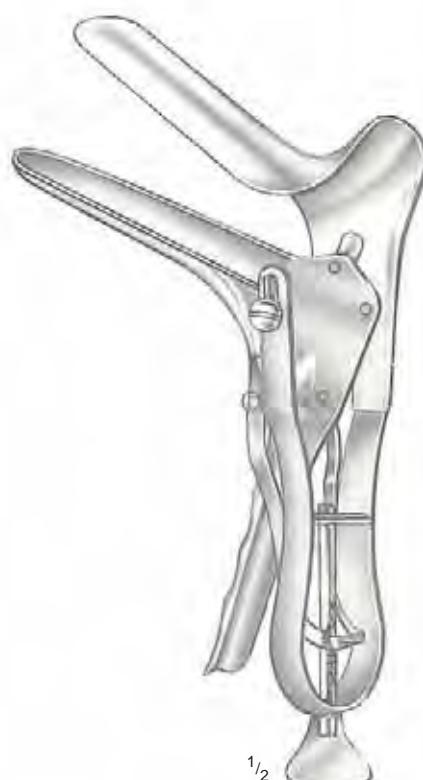
	a mm	b mm	
75	20	42-1070-20	
95	35	42-1070-35	
115	35	42-1070-55	

Graves



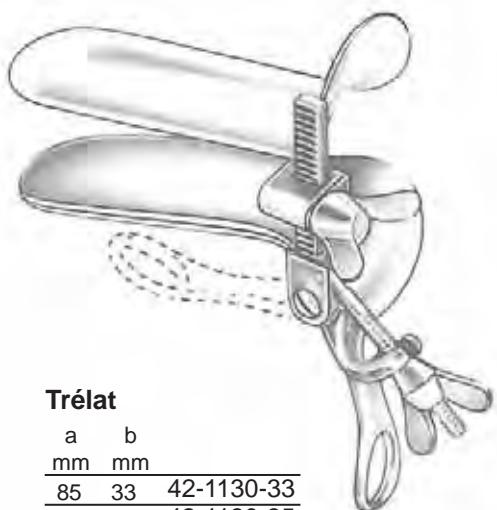
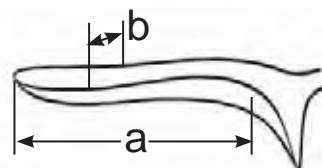
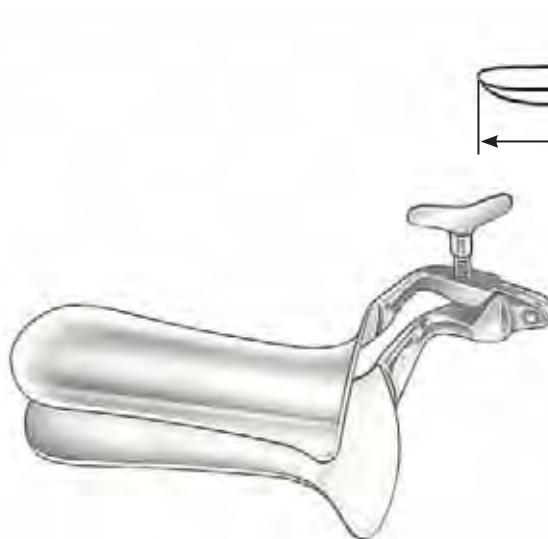
Seyffert

42-1090-17 100 x 17 mm
42-1090-33 110 x 33 mm



Seyffert

42-1091-33 110 x 33 mm



Collin German Sizes

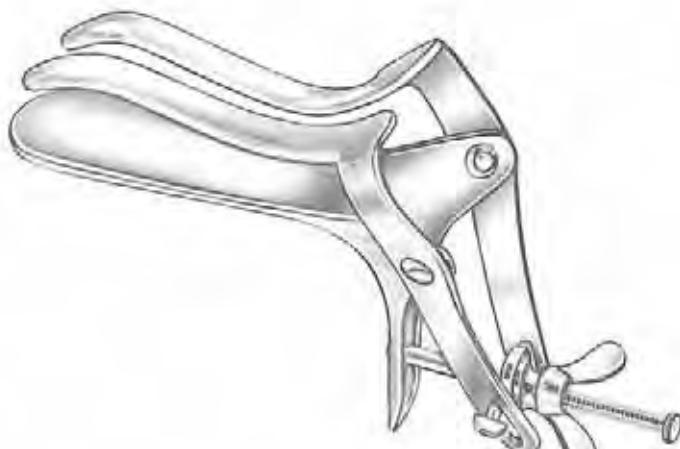
a	b	
mm	mm	
85	30	42-1109-30
100	35	42-1109-35
110	40	42-1109-40

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

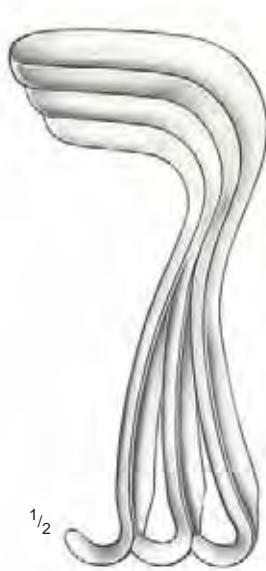
Semm

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 virgenes
pour enfants et vierges





$\frac{1}{2}$

Kristeller

Spekula
Specula
Espéculos
Spéculums

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

Fig. 1 42-1401-23

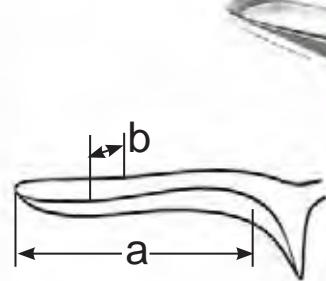
75 x 23 mm

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

Fig. 000 42-1404-18

a b
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

Fig. 000 42-1416-14

a b
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

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 پاين)

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	

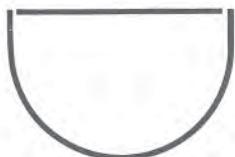


Kristeller

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 (بال و پاين)

Gynäkologie - Spekula - Halter
Gynecology - Specula - Retractors
Ginecología - Espéculos - Valvas
Gynécologie - Spéculums - Valves



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



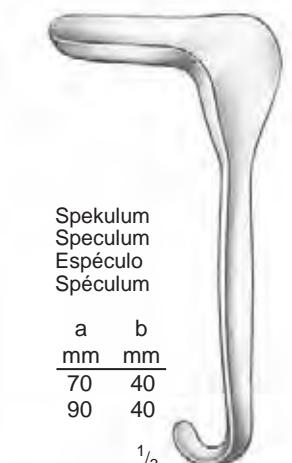
Kristeller

Halter
Retractors
Valvas
Valves

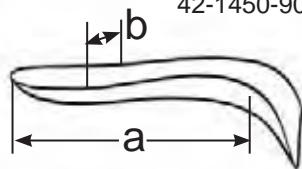
	a	b
Fig. 1 42-1475-23	115	x 23 mm
Fig. 2 42-1475-26	115	x 26 mm
Fig. 3 42-1475-32	115	x 32 mm

Kristeller

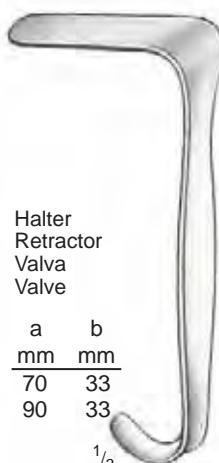
Fig. 1 42-1476-27	110 x 27 mm
Fig. 2 42-1476-30	110 x 30 mm
Fig. 3 42-1476-36	110 x 36 mm



Kallmorgen
42-1450-70
42-1450-90



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



Kallmorgen
42-1451-70
42-1451-90



Kallmorgen
42-1452-70
42-1452-90

$\frac{1}{3}$

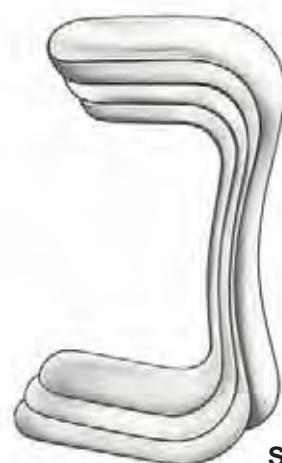


Fig.	a mm	b mm	
1	65+75	25+30	42-1490-01
2	70+70	30+35	42-1490-02
3	85+90	35+40	42-1490-03
		set	42-1490-00

mit festen Gewicht
with fixed weight
con peso fijo
avec poids fixe



$\frac{1}{3}$

Auvard

a mm	b mm
80	43
42-1580-11	



Auvard

a mm	b mm	kg	lbs
83	38	1,14	2,5
42-1582-11			



Auvard

a mm	b mm	kg	lbs
83	38	1,14	2,5
42-1582-11			



Weissbarth
21 cm / 8 1/4"

a mm	b mm
80	42
42-1590-21	



Scheidenspekula
Vaginal Specula
Espéculos vaginales
Spéculums vaginaux



1/2

Breisky
29 cm/ 11½"

1/2

Breisky
32 cm/ 12½"

1/2

Breisky
35 cm/ 13¾"

1/2

Breisky
37 cm/ 14¼"

a b
42-1710-20 100 x 20 mm

42-1710-25 100 x 25 mm

42-1710-30 100 x 30 mm

42-1710-35 100 x 35 mm

42-1710-40 100 x 40 mm

a b
42-1713-20 130 x 20 mm

42-1713-25 130 x 25 mm

42-1713-30 130 x 30 mm

42-1713-35 130 x 35 mm

42-1713-40 130 x 40 mm

a b
42-1716-20 160 x 20 mm

42-1716-25 160 x 25 mm

42-1716-30 160 x 30 mm

42-1716-35 160 x 35 mm

42-1716-40 160 x 40 mm

a b
42-1718-20 180 x 20 mm

42-1718-25 180 x 25 mm

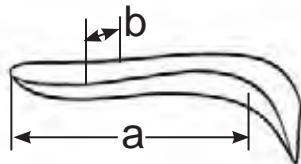
42-1718-30 180 x 30 mm

42-1718-35 180 x 35 mm

42-1718-40 180 x 40 mm

Scheidenspekula und -halter
Vaginal Specula and Retractors
Spéculos y valvas vaginales
Spéculums vaginaux, écarteurs vaginaux



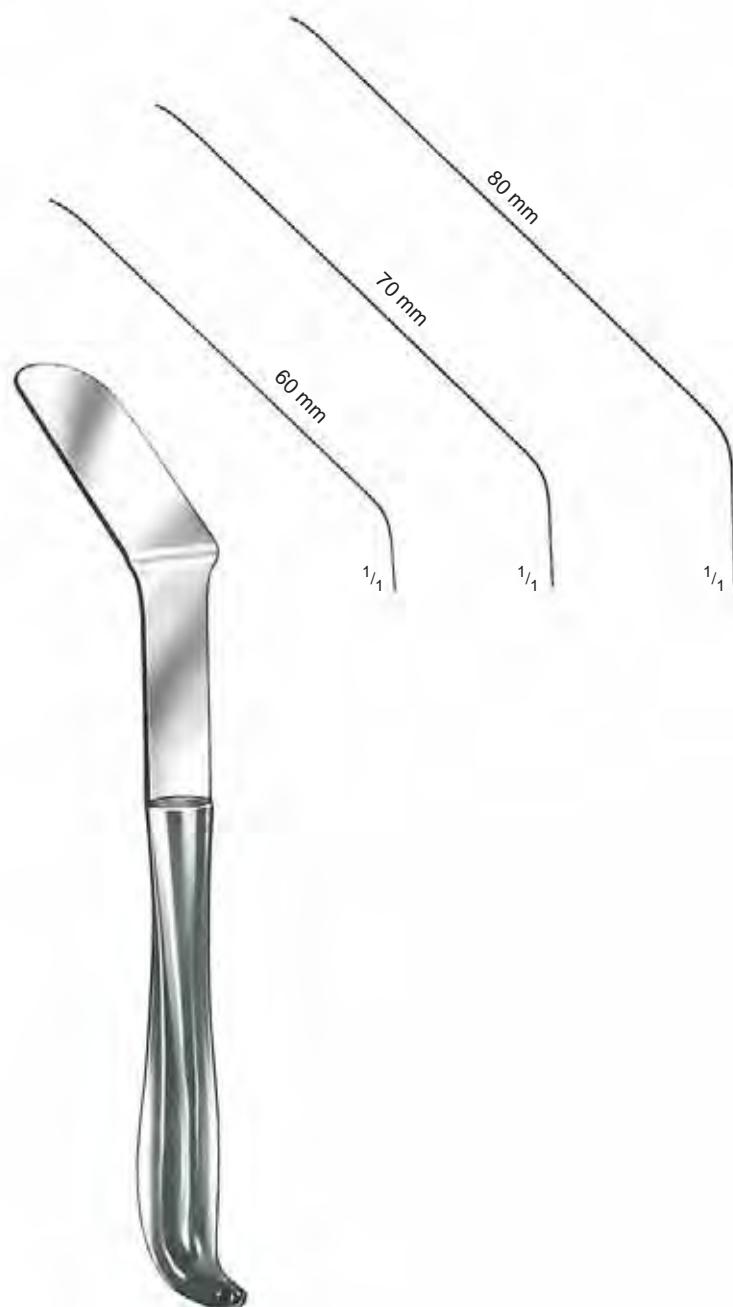


Scheidenspekula
Vaginal Specula
Espéculos vaginales
Spéculum vaginaux



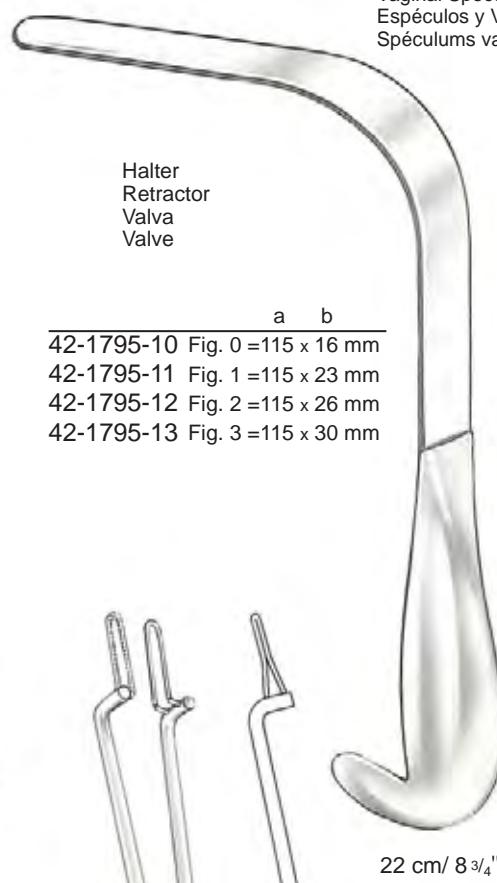
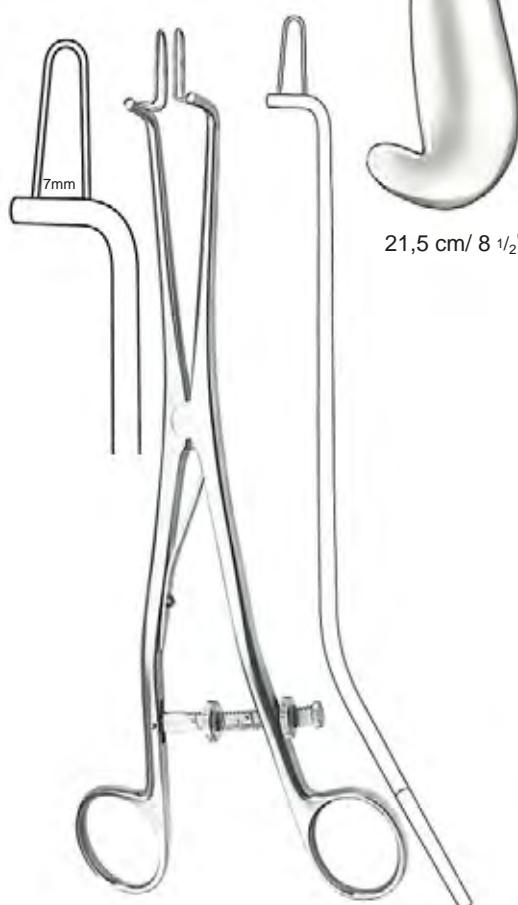
Landau
30 cm/12"

	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

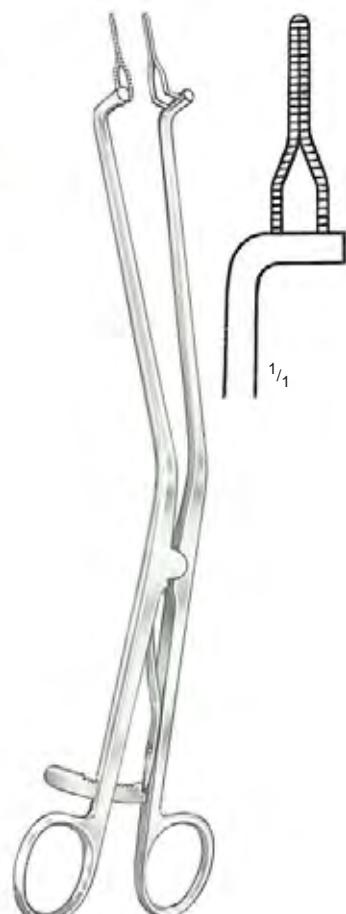


Endospekula für Harnröhre und Cervix
 Endospecula for Cervix and Urethra
 Endoespéculos para cervix y uretra
 Endospécumuls pour l'urètre et le col de l'utérus

Scheidenspekula, Scheidenhalter, Endospekula
 Vaginal Specula, Vaginal Retractors, Endospecula
 Espéculos y Valvas vaginales, Endoespéculos
 Spécumuls vaginaux, Valves vaginales, Endospécumuls

Satz
 Set
 Juego
 Jeu

Fig. 0 42-1795-20
 Fig. 1 42-1795-21
 Fig. 2 42-1795-22
 Fig. 3 42-1795-23



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

rostfrei
 stainless
 inoxidable
 inoxydable

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

rostfrei
 stainless
 inoxidable
 inoxydable

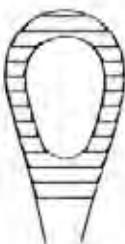
42-2433-34

 $\frac{1}{3}$

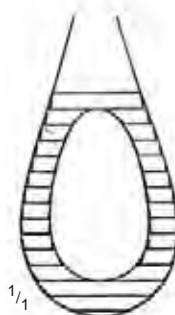
Uterus-Depressoren
 Uterine Depressors
 Depresores uterinos
 Dépresseurs utérins



Braun
 27 cm/10 $\frac{1}{2}$ "
 42-2511-27



Sims
 33 cm/13"



Sims
 26 cm/10 $\frac{1}{4}$ "
 42-2513-26

 $\frac{1}{3}$

Sims
 33 cm/13"

 $\frac{1}{3}$

Valleix
 30 cm/12"
 42-2483-30

 $\frac{1}{3}$ 

Myomheber
 Myoma screws
 Tiramiamas
 Tire-myomes



Doyen
 15 cm/6"
 42-2552-15

 $\frac{1}{3}$

Doyen
 17 cm/6 $\frac{3}{4}$ "
 42-2550-17

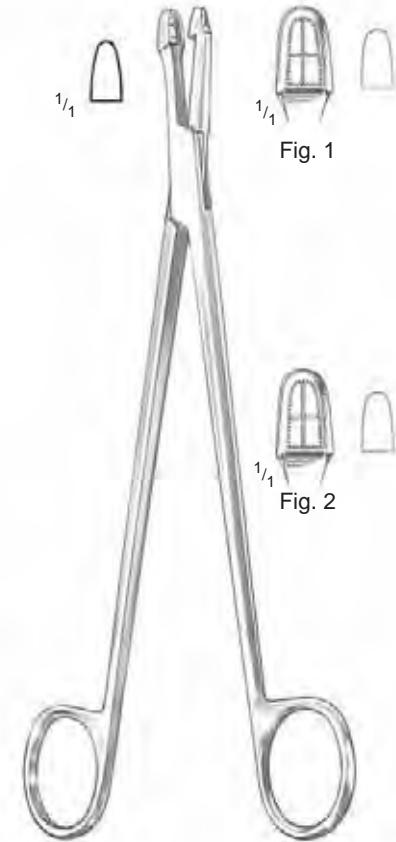
Probeexzisionszangen, Uterus-Biopsiezangen
Cervical Biopsy and Specimen Forceps
Pinzas saca-bocados para biopsia
Pinces emporte-pièces à biopsie



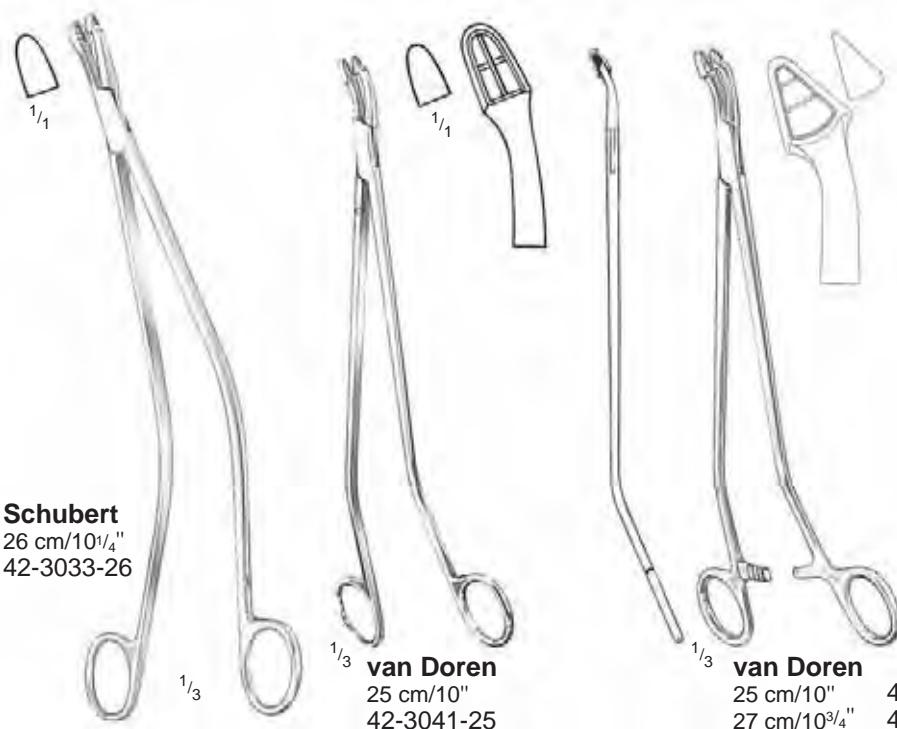
Thoms-Gaylor
42-3010-22
42-3010-24

22 cm/8½"
24 cm/9½"

Thoms-Gaylor
42-3013-22
42-3013-24



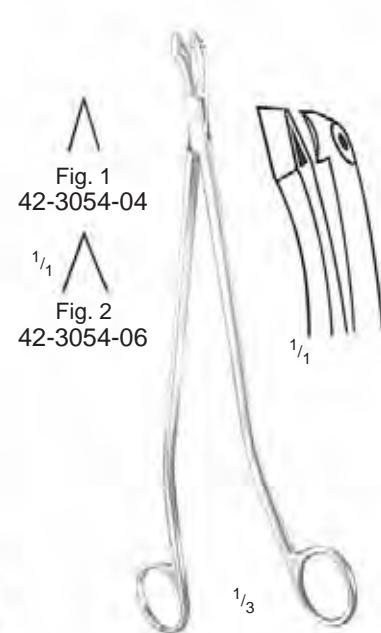
Schubert
42-3030-21 = 21 cm/8¼"
42-3030-29 = 29 cm/11½"



Schubert
26 cm/10¼"
42-3033-26

van Doren
25 cm/10"
42-3041-25

42-3043-25
42-3043-27



Schumacher
24 cm/9½"

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Probeexzisionszangen

Cervical Biopsy and Specimen Forceps

Pinzas saca-bocados para biopsia

Pinces emporte-pièces à biopsie



Univer®

42

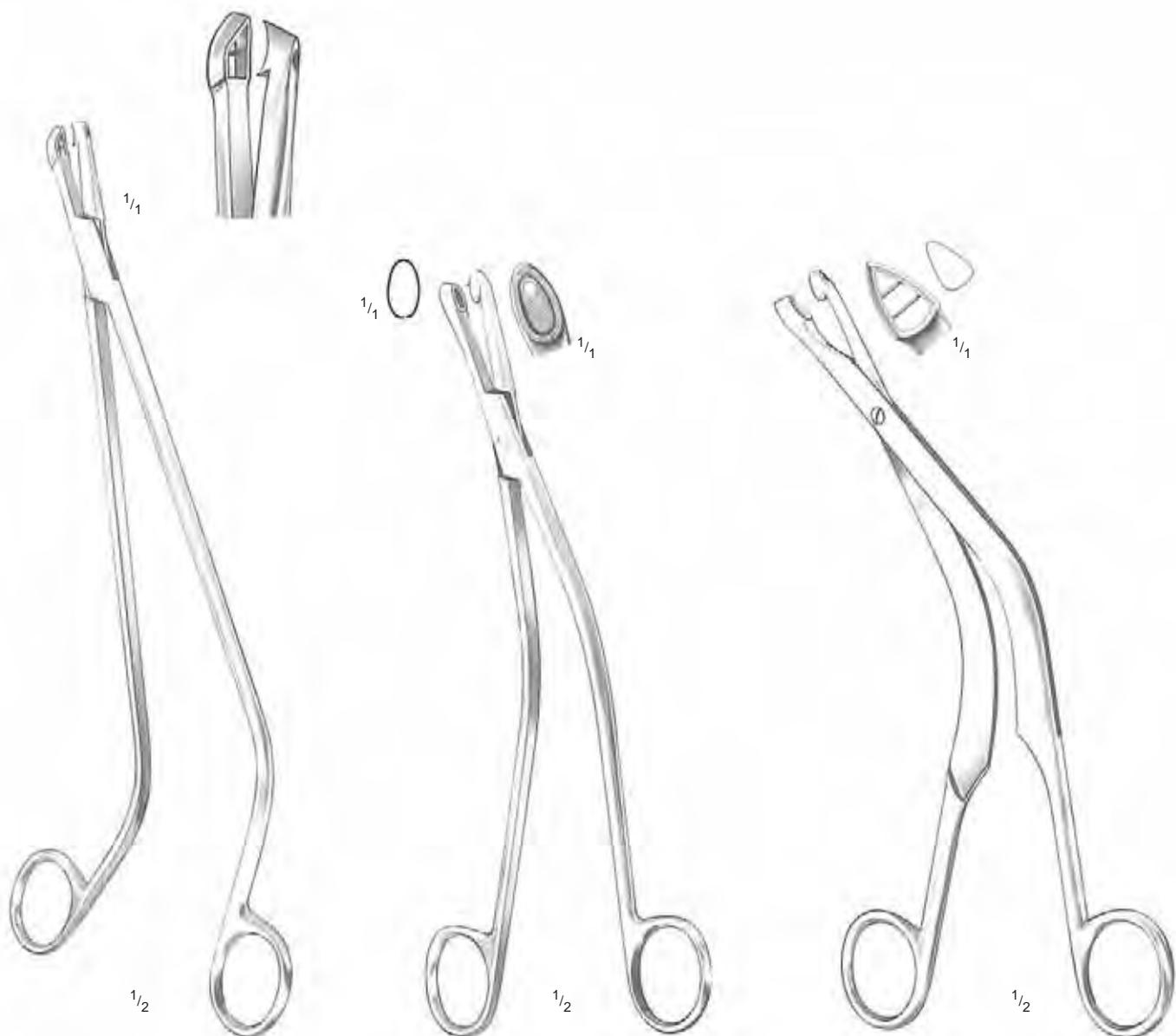
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Probeexzisionszangen

Cervical Biopsy and Specimen Forceps

Pinzas saca-bocados para biopsia

Pinces emporte-pièces à biopsie



Tischler

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

42-3071-27

Gellhorn

23 cm/9"

42-3075-23

Faure

23 cm/9"

42-3089-23

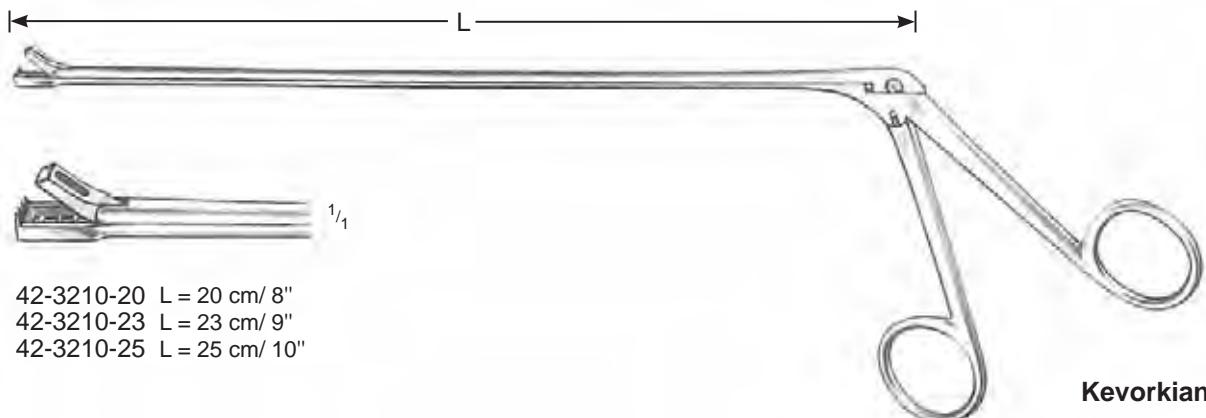


Univer®

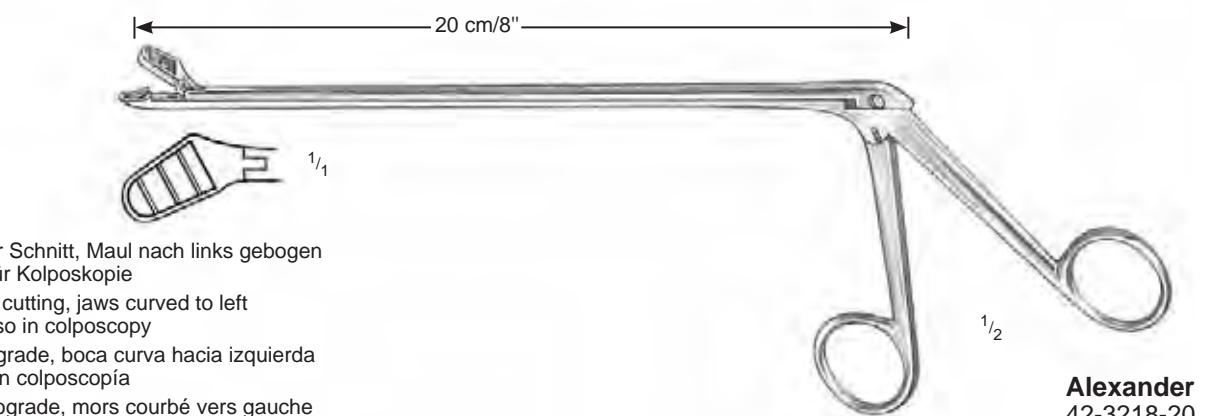
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Pinces emporte-pièces à biopsie

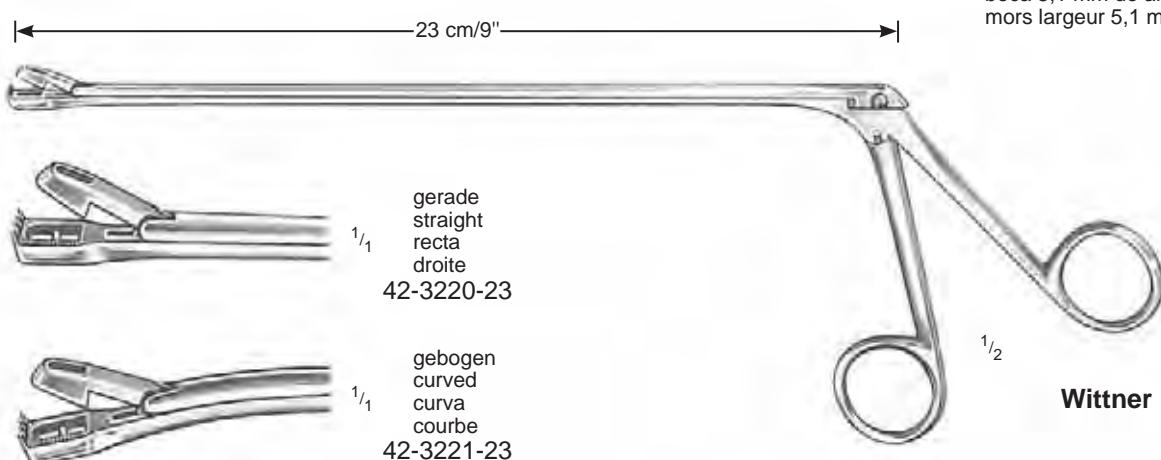
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retrograder Schnitt, Maul nach links gebogen
geeignet für Kolposkopie
retrograde cutting, jaws curved to left
suitable also in colposcopy
corte retrograde, boca curva hacia izquierda
utilizable en colposcopía
coupe retrograde, mors courbé vers gauche
approprié pour colposcopie



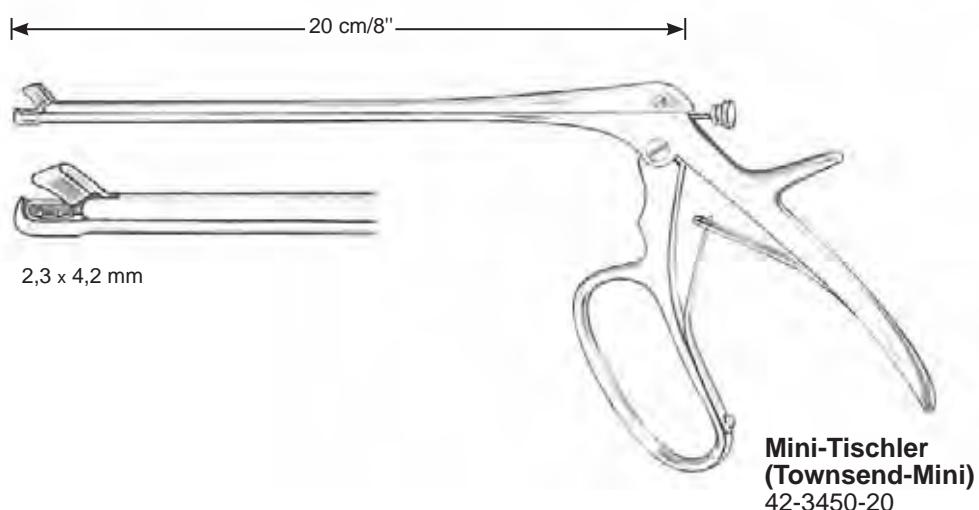
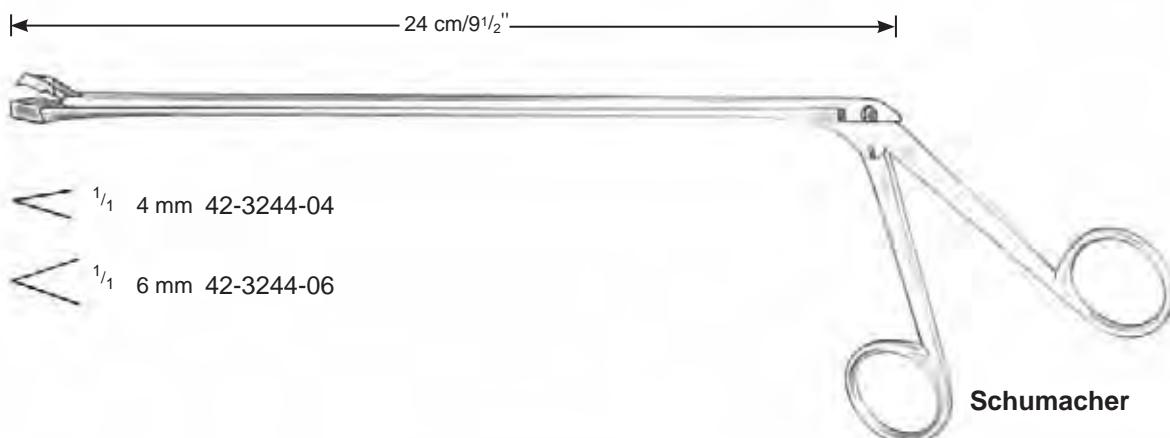
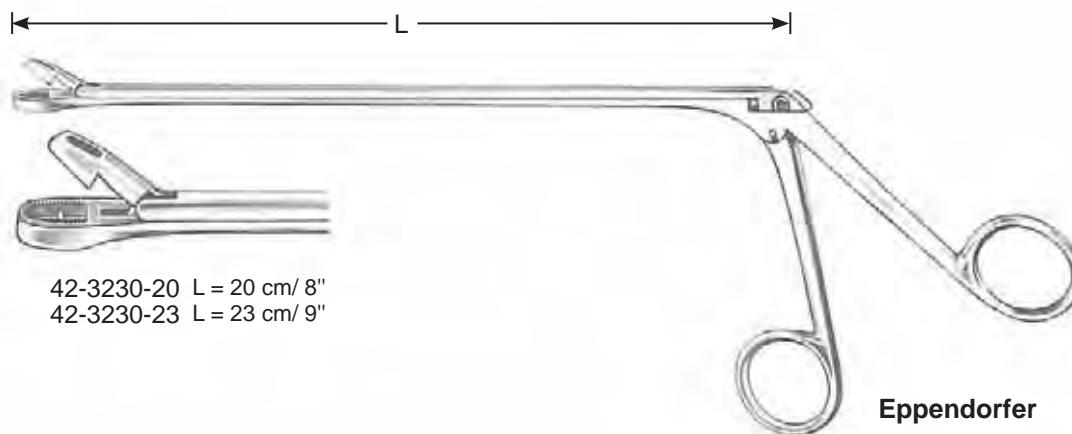
Maul 5,1 mm breit
jaw 5,1 mm wide
boca 5,1 mm de ancho
mors largeur 5,1 mm





پانچ بیوپسی رحمی

Probeexzisionszangen
Cervical Biopsy and Specimen Forceps
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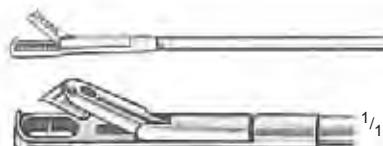
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پانچ بیوپسی رحمی

Probeexzisionszangen
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Pinces 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

drehbar 360°
turnable 360°
giratorio 360°
Pivotant 360°

Tischler-Morgan
Zange kpl. mit Griff
Forceps cpl. with handle
Pinza cpl. con mango
Pince cpl. avec manche
42-3725-51

1/2



Eppendorfer

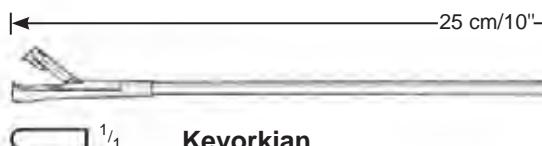
Ansatz allein
Stem only
Punta suelta
Embout seul
42-3725-03

Griff allein
Handle only
Mango suelto
Manche seul
42-3725-50

drehbar 360°
turnable 360°
giratorio 360°
Pivotant 360°

Eppendorfer
Zange kpl. mit Griff
Forceps cpl. with handle
Pinza cpl. con mango
Pince cpl. avec manche
42-3725-53

1/2



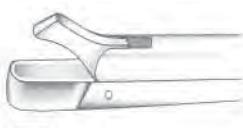
Kevorkian
Ansatz allein
Stem only
Punta suelta
Embout seul
42-3725-04

Griff allein
Handle only
Mango suelto
Manche seul
42-3725-50

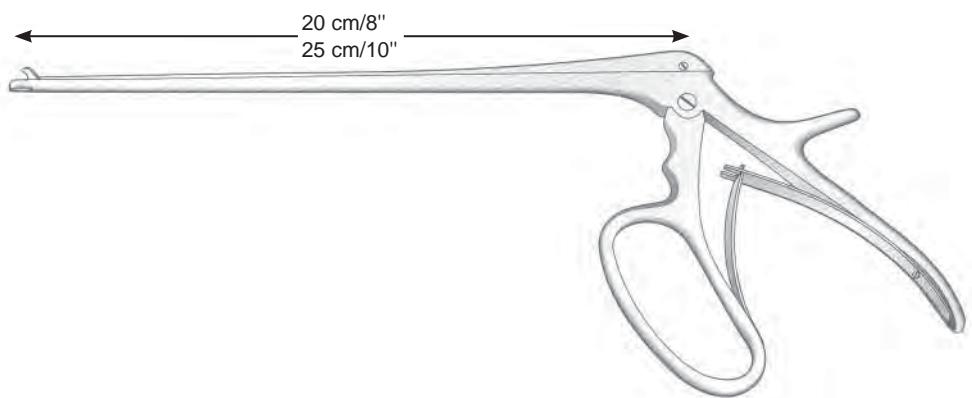
drehbar 360°
turnable 360°
giratorio 360°
Pivotant 360°

Kevorkian
Zange kpl. mit Griff
Forceps cpl. with handle
Pinza cpl. con mango
Pince cpl. avec manche
42-3725-54

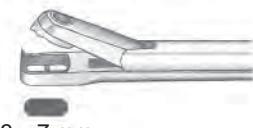
1/2



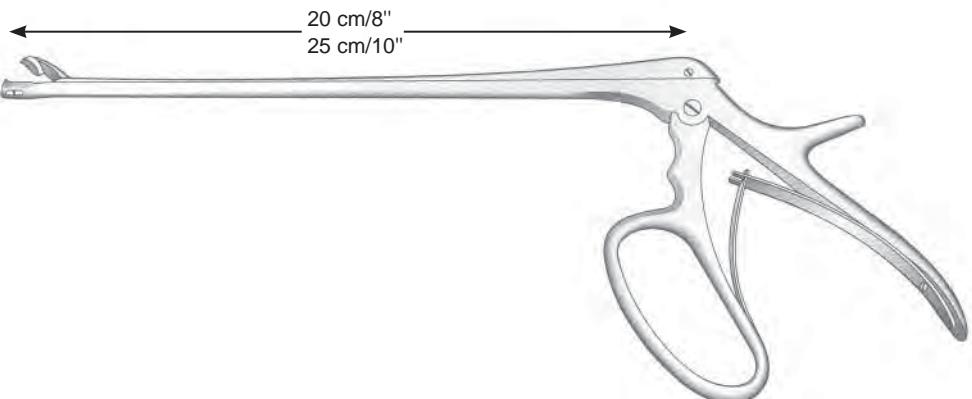
2,3 x 4,2 mm

**Tishler-Baby**

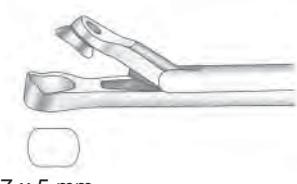
42-3727-20 L = 20 cm/ 8"
42-3727-25 L = 25 cm/ 10"



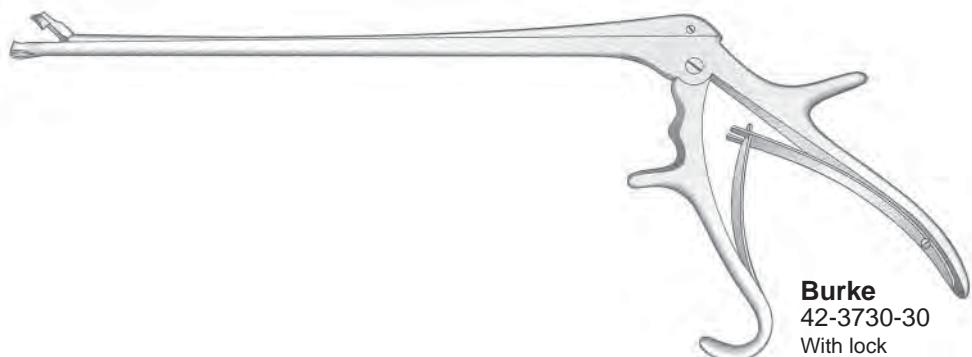
3 x 7 mm

**Tishler-Morgan**

42-3729-20 L = 20 cm/ 8"
42-3729-25 L = 25 cm/ 10"
With lock



7 x 5 mm

**Burke**

42-3730-30
With lock



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Seiffert
42-3732-34



Schumacher
42-3734-35



Tischler
42-3736-37



Kevorkian
42-3738-39



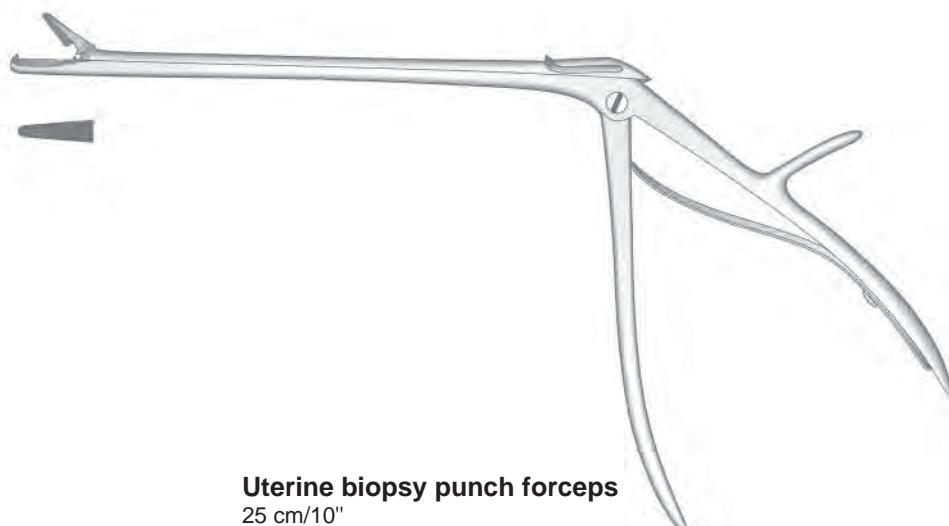
Krause
42-3740-42 42-3741-42



42-3743-45



42-3744-47



Uterine biopsy punch forceps
25 cm/10"
42-3750-25



Huber
Universal Handle
42-3747-50

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کورت ساکشن بیوپسی

Saug-und Biopsieküretten

Suction Biopsy Curettes

Curetas aspiradoras para biopsia

Curettes à aspiration pour biopsie



42

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

Endometrical 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
malleable



Ø 4 mm

Ø mm Ref.
2 42-4035-02
3 42-4035-03
4 42-4035-04

stumpf
blunt
romas
mousses

Randall
25 cm/10"
42-4025-04

Novak
25 cm/10"
42-4025-04

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

fest, scharf
rigid, sharp
rígidas, cortantes
rigides, tranchantes



Simon

Fig. 1
15-2144-51 9,8 x 6,8 mm
24,5 cm/9 $\frac{3}{4}$ "

Fig. 2
15-2144-52 11,6 x 8,3 mm
24,5 cm/9 $\frac{3}{4}$ "

Fig. 3
15-2144-53 13,2 x 10,0 mm
24,5 cm/9 $\frac{3}{4}$ "

Fig. 4
15-2144-54 16,0 x 11,6 mm
24,5 cm/9 $\frac{3}{4}$ "

Fig. 5
15-2144-55 18,0 x 12,6 mm
25 cm/9 $\frac{3}{4}$ "

Fig. 6
15-2144-56 20,0 x 13,8 mm
25 cm/9 $\frac{3}{4}$ "

$\frac{1}{2}$

fest, scharf
rigid, sharp
rígidas, cortantes
rigides, tranchantes



Schröder

Fig. 1
42-4451-01 9,8 x 6,8 mm
30 cm/11 $\frac{3}{4}$ "

Fig. 2
42-4451-02 11,6 x 8,3 mm
30 cm/11 $\frac{3}{4}$ "

Fig. 3
42-4451-03 13,2 x 10,0 mm
31 cm/12 $\frac{1}{4}$ "

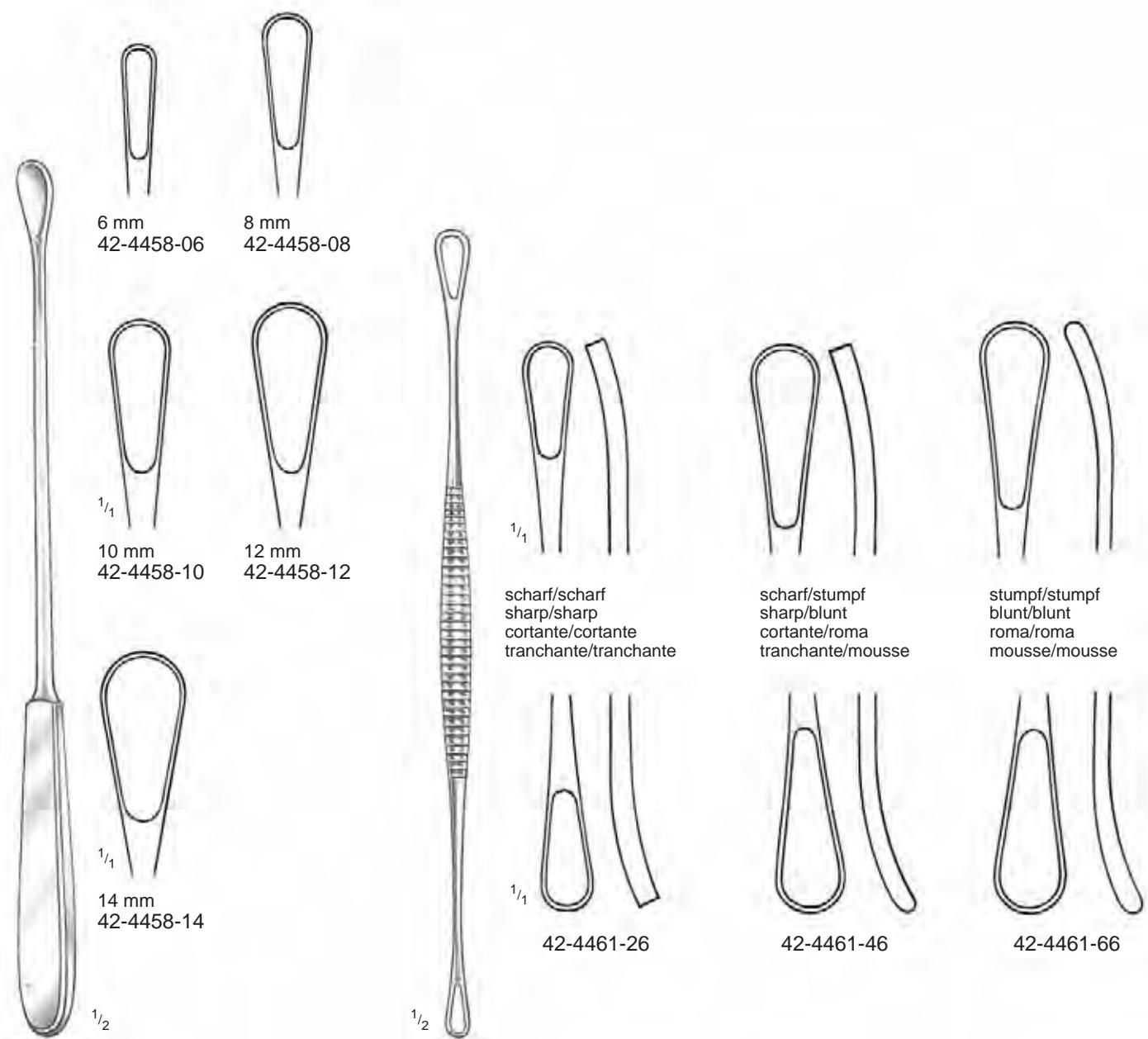
Fig. 4
42-4451-04 16,0 x 11,6 mm
31 cm/12 $\frac{1}{4}$ "

Fig. 5
42-4451-05 18,0 x 12,6 mm
31 cm/12 $\frac{1}{4}$ "

Fig. 6
42-4451-06 20,0 x 13,8 mm
31 cm/12 $\frac{1}{4}$ "

$\frac{1}{2}$

کورت رحمی
Uterusküretten
Uterine Curettes
Curetas uterinas
Curettes utérines

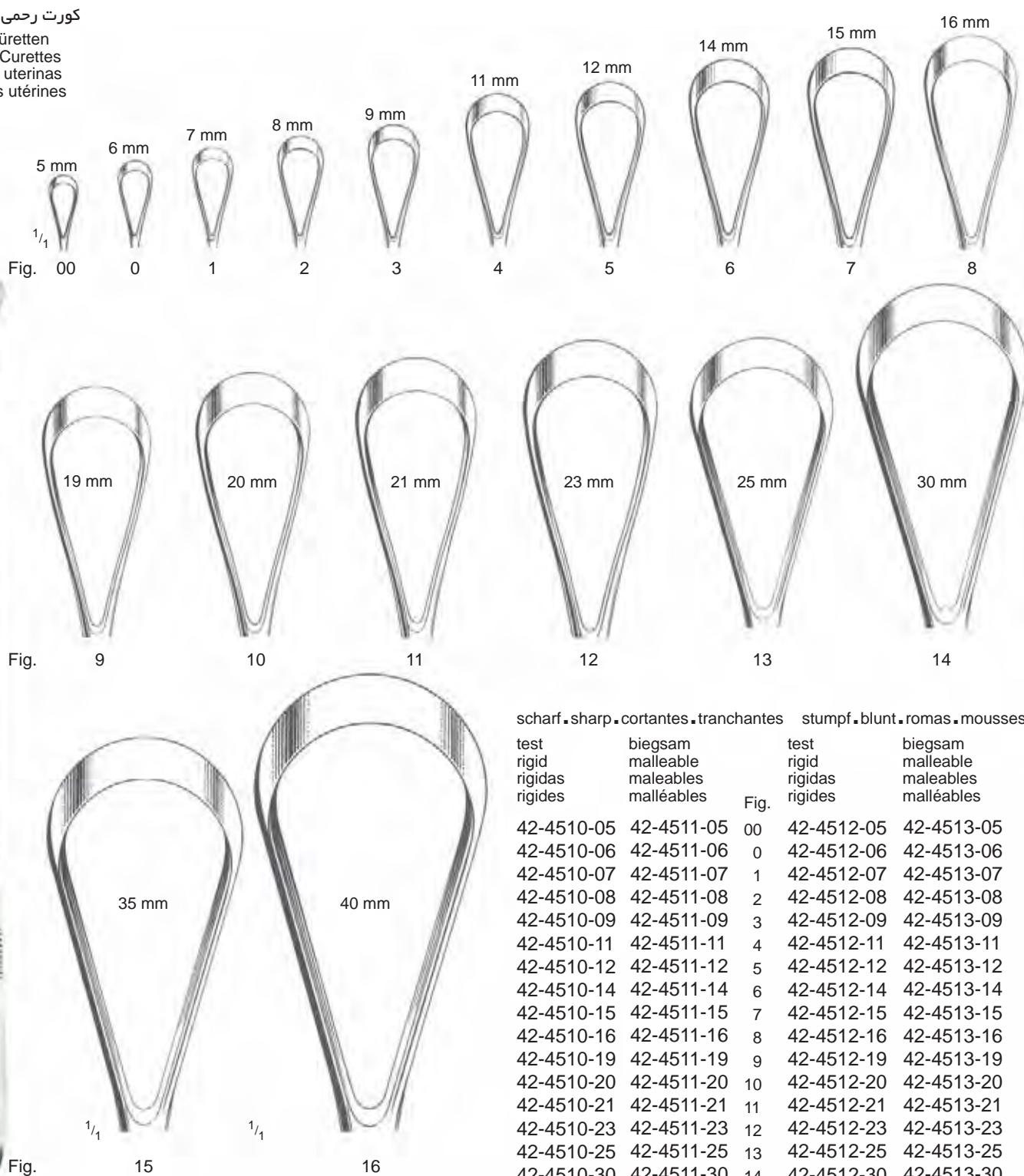


Gourdet
28 cm/ 11"

Blake (Zweifel)
26 cm/ 10 ¼"

كورت رحمی (كورتاژ)

Uterusküretten
Uterine Curettes
Curetas uterinas
Curettes utérines



Recamier
max. 31 cm/ 12 $\frac{1}{2}$ "

scharf • sharp • cortantes • tranchantes	stumpf • blunt • romas • mousses
test	biegsam
rigid	maleable
rigidas	maleables
rigides	malléables
	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



Fig. 1



Fig. 4

Fig. 2



Fig. 5

Fig. 3



Fig. 6

 $\frac{1}{2}$

Sims
26 cm, 10 $\frac{1}{4}$ "

scharf • sharp • cortantes • tranchantes

fest	biegsam
rigid	malleable
rigidas	maleables
rigides	malléables
42-4560-51	42-4561-51
42-4560-52	42-4561-52
42-4560-53	42-4561-53
42-4560-54	42-4561-54
42-4560-55	42-4561-55
42-4560-56	42-4561-56

stumpf • blunt • romas • mousses

fest	biegsam
rigid	malleable
rigidas	maleables
rigides	malléables
Fig.	
1	42-4562-51
2	42-4562-52
3	42-4562-53
4	42-4562-54
5	42-4562-55
6	42-4562-56



جراحى زنان
Gynäkologie
Gynecology
Ginecología
Gynécologie

كورت ساكسشن
Vakuum-Absaugküretten
Vacuum Aspirating Curettes
Curetas de aspiración por succión
Curettes d'aspiration



42-4601-03
3 mm Ø
29 cm/11½"

42-4601-04
4,5 mm Ø
29 cm/11½"

42-4601-06
6 mm Ø
29 cm/11½"

42-4601-08
8 mm Ø
29 cm/11½"

42-4601-10
10 mm Ø
29 cm/11½"

42-4601-12
12 mm Ø
29 cm/11½"

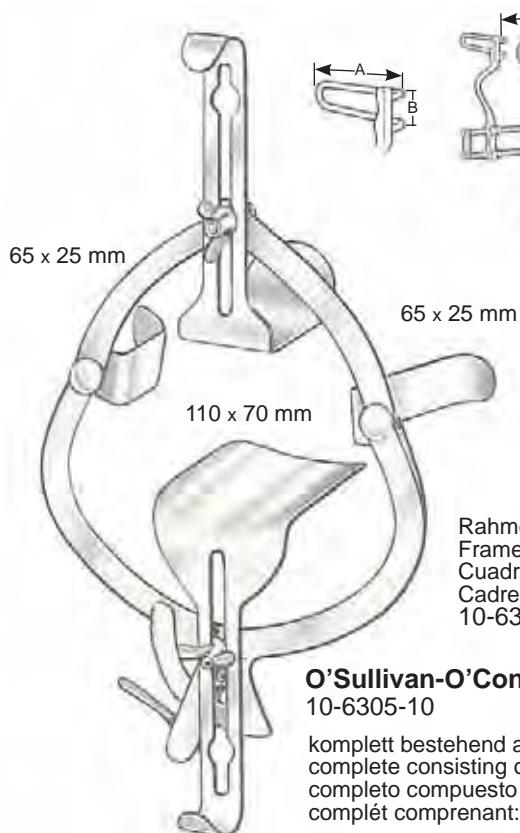
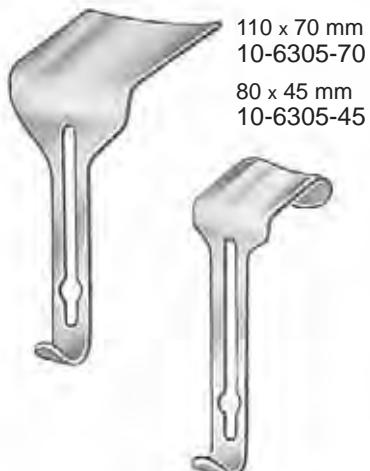
42-4601-14
14 mm Ø
29 cm/11½"

42-4601-50
29 cm/11½"

Probe- und Absaugküretten
Specimen and Aspirating Curettes
Curetas de biopsia y de aspiración
Curettes à épreuves et d'aspiration

Absaugküretten
Aspirating Curettes
Curetas de aspiración
Curettes d'aspiration

Kupplungsstück
Hose Connection
Pieza de conexión
Pièce de raccordement

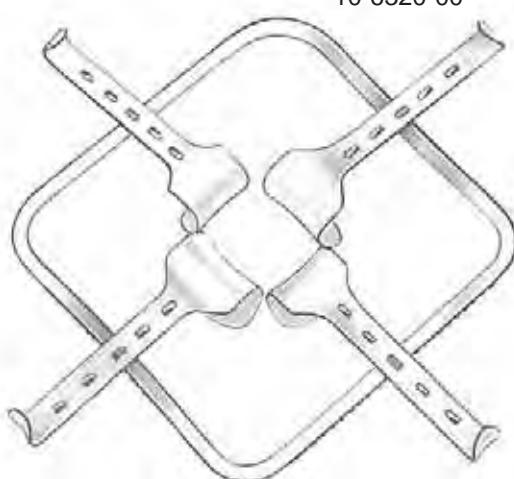


O'Sullivan-O'Connor
10-6305-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complét comprenant:

1 Rahmen, frame, cuadro, cadre 10-6305-00
2 Valvén, blades, valvas, valves 10-6305-45
1 Valve, blade, valva, valve 10-6305-70

Rahmen allein
Frame only
Cuadro solo
Cadre seul
240 x 240 mm
10-6320-00



Kirschner
10-6320-10

komplett bestehend aus:
complete consisting of:
completo compuesto de:
complét 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



40 x 55 mm
10-6320-40

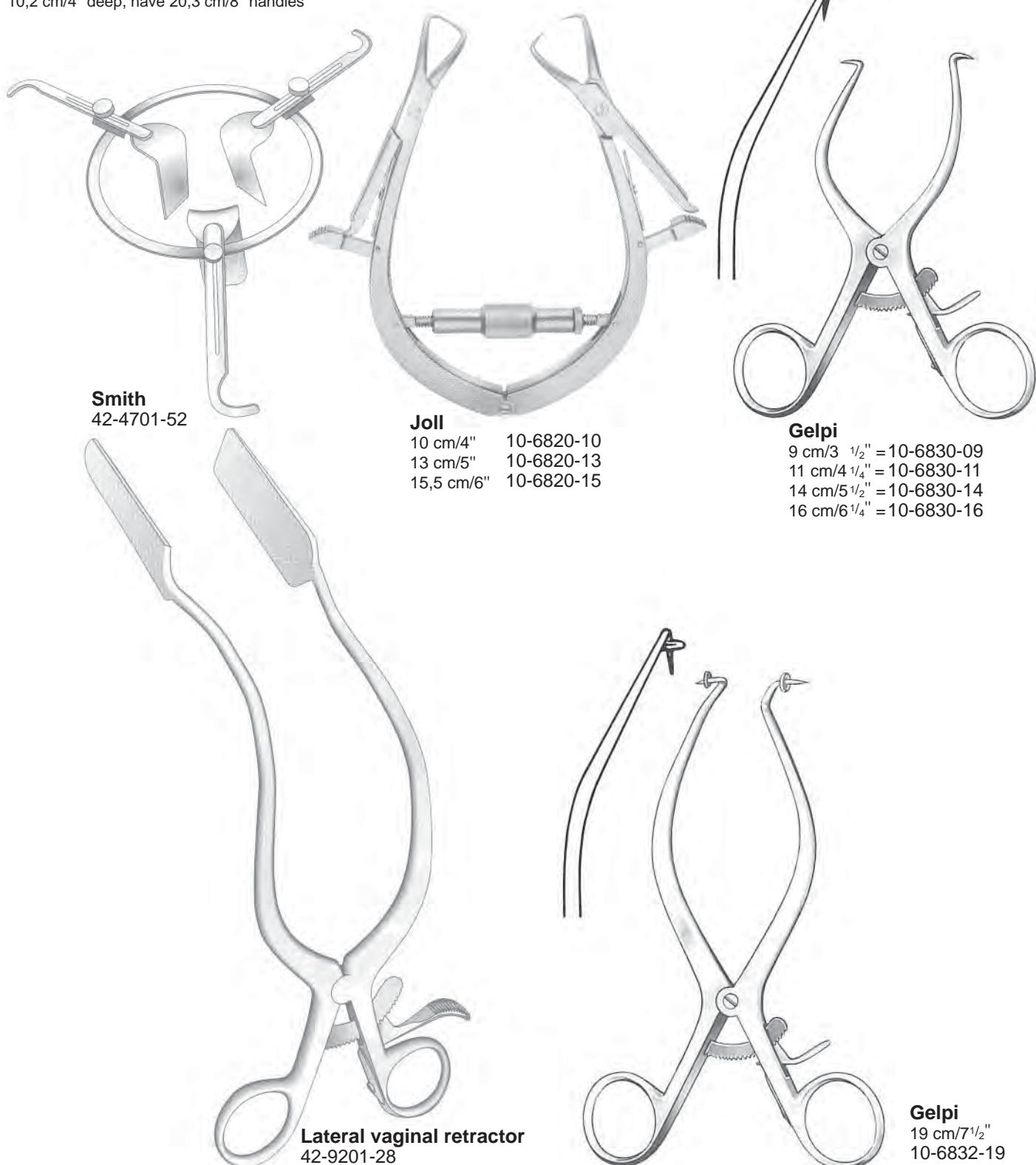
50 x 65 mm
10-6320-50

60 x 85 mm
10-6321-60



اكارتور واژینال
Vulva-Spreizer
Vaginal Retractors
Separadores para la Vulva
Ecouteurs 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/1 $\frac{3}{4}$ " wide by 10,2 cm/4" deep, have 20,3 cm/8" handles





Uterusdilatatoren • Uterine Dilators
Dilatadores uterinos - Dilatateurs utérins



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



Hank
42-6241-06



ديلاتور
Dilatatoren
Dilators
Dilatadores
Dilatateurs

ديلاتور رحمي (بوزى)
Uterus-Dilatatoren
Uterine Dilators
Dilatadores uterinos
Dilatateurs 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		mmØ	
	1,0	42-6320-01	12,5	42-6331-25
	1,5	42-6330-15	13,0	42-6320-13
	2,0	42-6320-02	13,5	42-6331-35
	2,5	42-6330-25	14,0	42-6320-14
	3,0	42-6320-03	14,5	42-6331-45
	3,5	42-6330-35	15,0	42-6320-15
	4,0	42-6320-04	15,5	42-6331-55
	4,5	42-6330-45	16,0	42-6320-16
	5,0	42-6320-05	16,5	42-6331-65
	5,5	42-6330-55	17,0	42-6320-17
	6,0	42-6320-06	17,5	42-6331-75
	6,5	42-6330-65	18,0	42-6320-18
	7,0	42-6320-07	19,0	42-6320-19
	7,5	42-6330-75	20,0	42-6320-20
	8,0	42-6320-08	21,0	42-6320-21
	8,5	42-6330-85	22,0	42-6320-22
	9,0	42-6320-09	23,0	42-6320-23
	9,5	42-6330-95	24,0	42-6320-24
	10,0	42-6320-10	25,0	42-6320-25
	10,5	42-6331-05	26,0	42-6320-26
	11,0	42-6320-11		
	11,5	42-6331-15		
	12,0	42-6320-12		



- 42-6325-17 Satz mit 14 Dilatatoren 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 dilatateurs 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 Dilatatoren 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 dilatateurs 1 - 26 mm Ø en boîte de métal

ديلاتور
Dilatatoren
Dilators
Dilatadores
Dilatateurs

ديلاتور رحمي (بوزي)
Uterus-Dilatatoren
Uterine Dilators
Dilatadores uterinos
Dilatateurs utérins

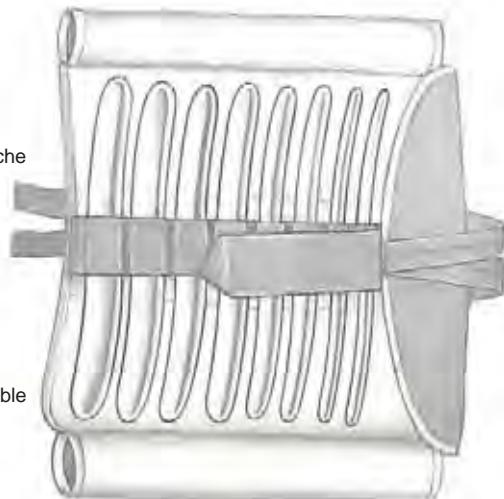


Hegar

	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 Dilatatoren
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 Dilatatoren
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 Dilatatoren
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

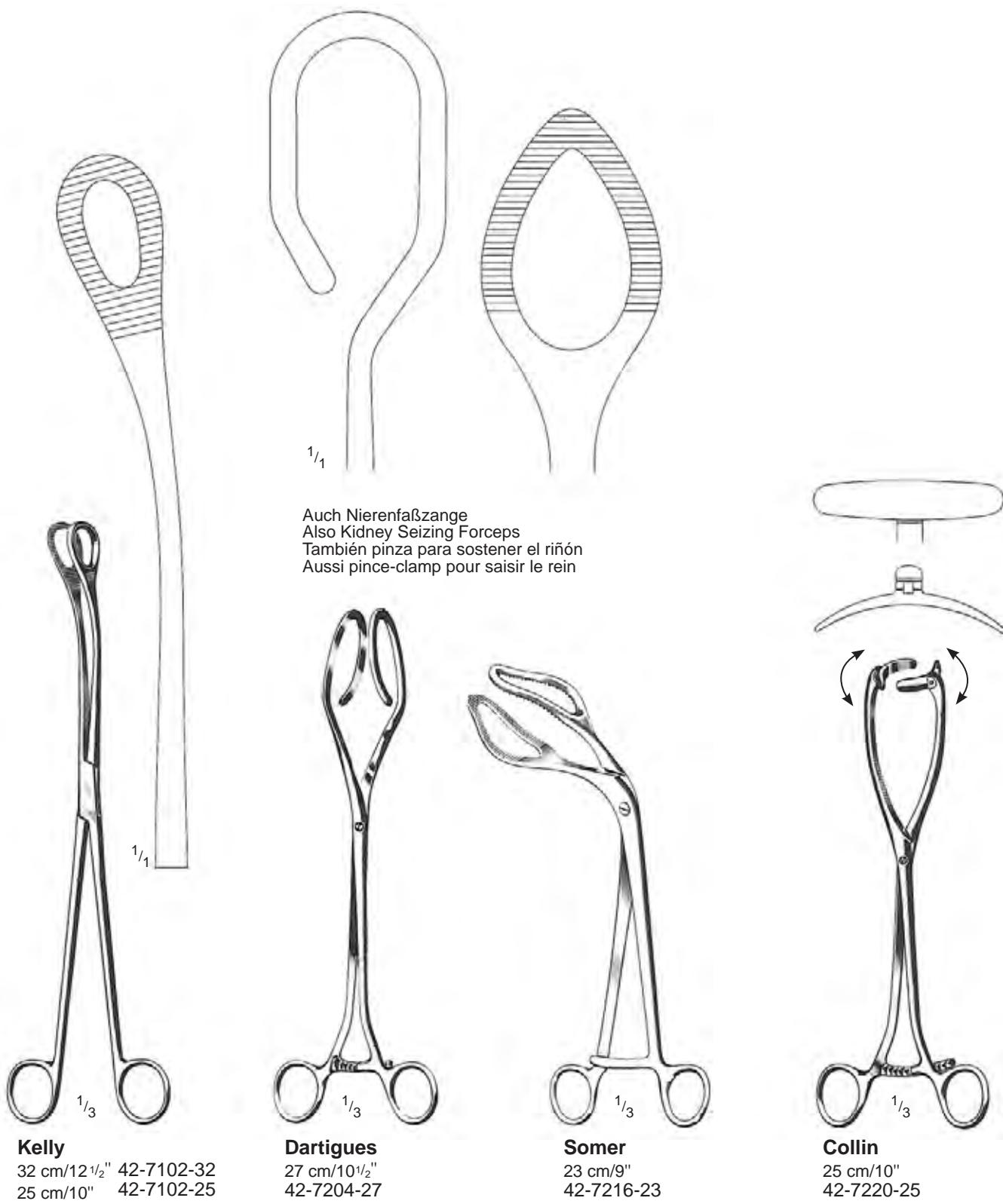
Uterine Polypus Forceps, Uterine Elevating Forceps

Pinza para pólipos uterinos, pinzas histerolabos

Pince à polypes utérins et pinces hystérolabes

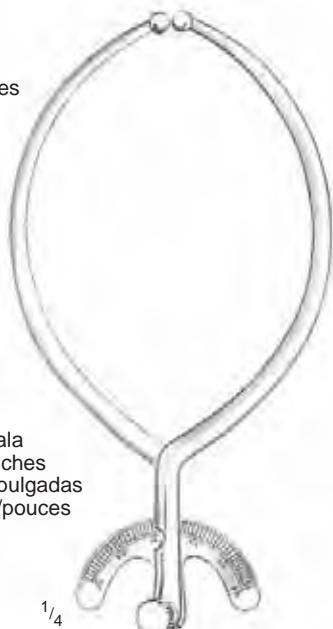
Uterus-Polypenzange, Ovarienzange
Uterine Polypus Forceps, OvarianForceps
Pinza para pólipos uterinos, pinza para ovarios
Pince à polypes utérins, pince pour les ovaires

Uterusfaßzangen
Uterine Elevating Forceps
Pinzas histerolabos
Pinces hystérolabes





Beckenzirkel
 Pelvimeters
 Pelvímetros
 Compas pelvimètros



cm/Zoll-Skala
 scale cm/inches
 escala cm/pulgadas
 échelle cm/pouces

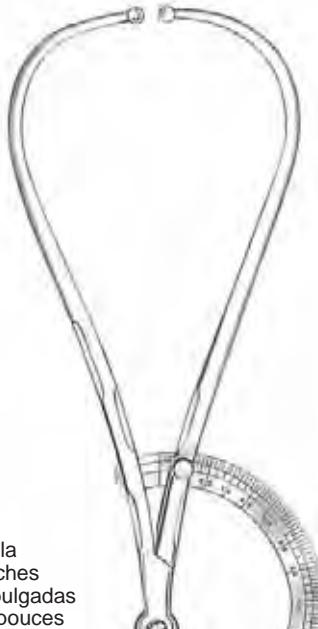
1/4

Breisky
 33 cm/13"
 42-7302-33



1/4

Collyer
 30,5 cm/12"
 42-7304-30



1/4

cm/Zoll-Skala
 scale cm/inches
 escala cm/pulgadas
 échelle cm/pouces

42-6040-34

cm-Skala
 cm scale
 escala en cm
 échelle en cm

42-7306-34

Martin
 34 cm/13 1/2"
 42-7306-34

Geburtszangen
 Obstetrical Forceps
 Fórceps obstétricos
 Forceps



Naegle
 42-7310-36 = 36 cm/14"
 42-7310-40 = 40 cm/15 3/4"



Kielland
 41 cm/6 1/4"
 42-7330-41



Piper
 44 cm/17 1/2"
 42-7335-44



Simpson
 30,5 cm/12"
 42-7374-30

Geburtszangen
 Obstetrical Forceps
 Fórceps obstétricos
 Forceps



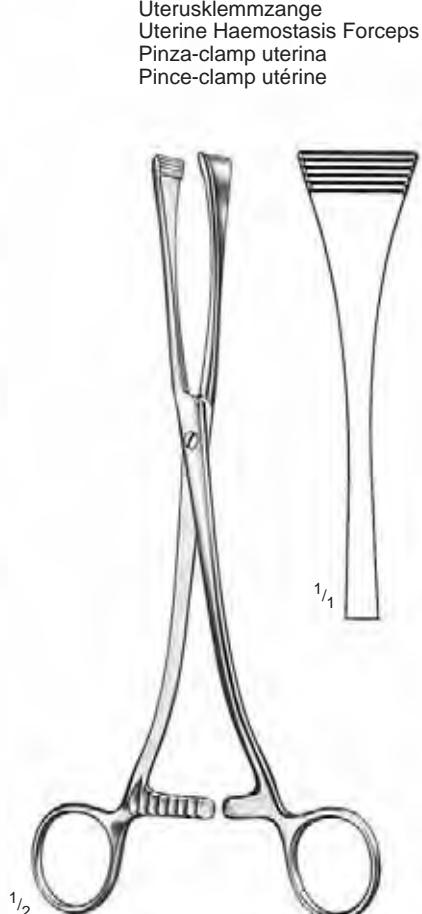
Simpson-Braun
 36 cm/14"
 42-7374-36



Boerma
 29 cm/11 1/2"
 42-7402-29



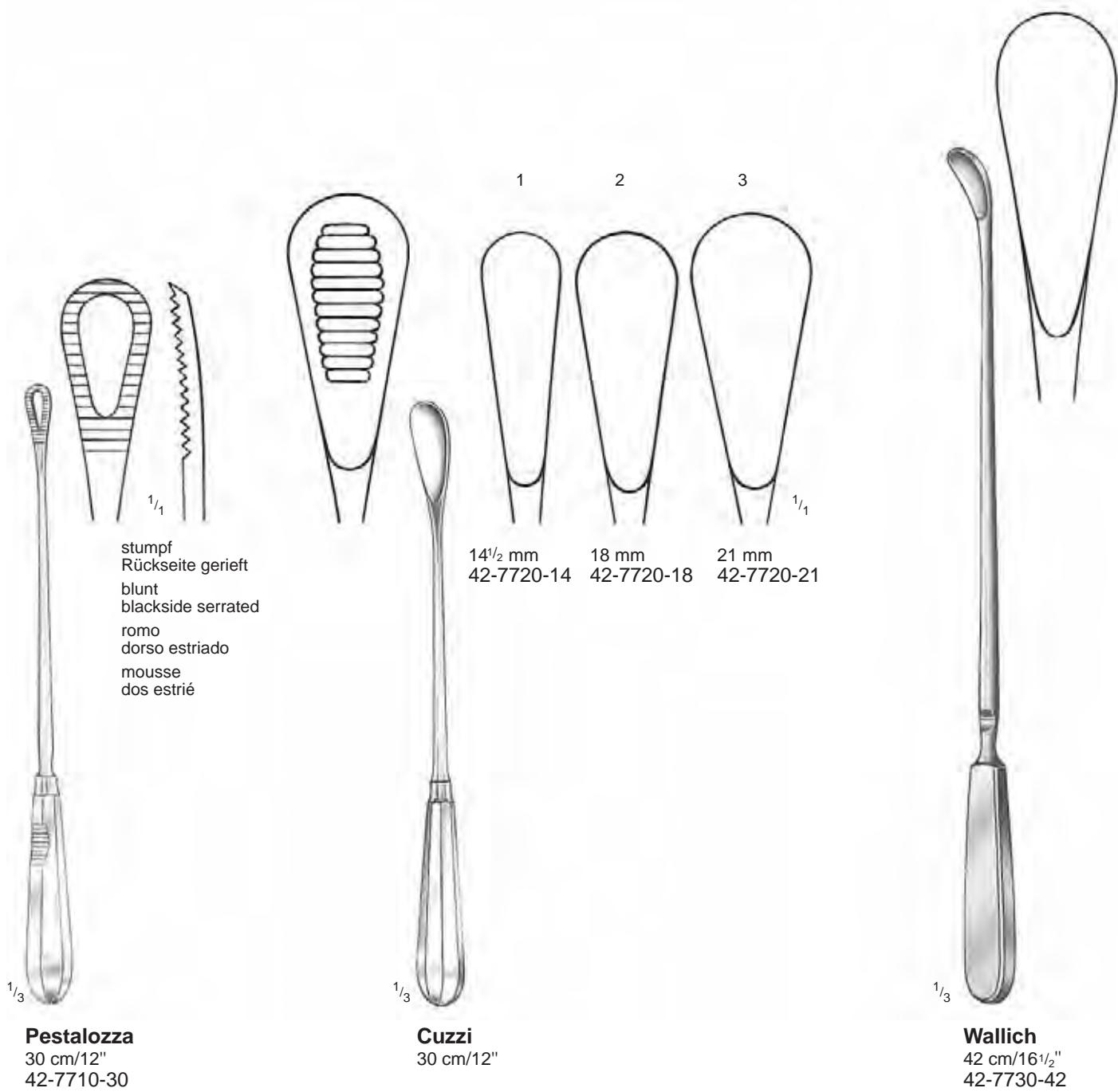
Sellheim
 28 cm/11"
 42-7205-28



Green-Armytage
 21 cm/8 1/4"
 42-6750-21



Plazentar- und Abortusküretten, Löffel
 Placenta and Ovum Curettes, Scoops
 Curetas para aborto y placenta
 Curettes pour post-abortum





زایمان

Geburtshilfe
Obstetrics
Obstetricia
Obstétrique

Plazenta und Abortuskürettten
 Placenta and Ovum Curettes
 Curetas para aborto y placenta
 Curettes pour post-abortum

^{1/1}Fig. 11
21 mm^{1/1}Fig. 14
30 mm

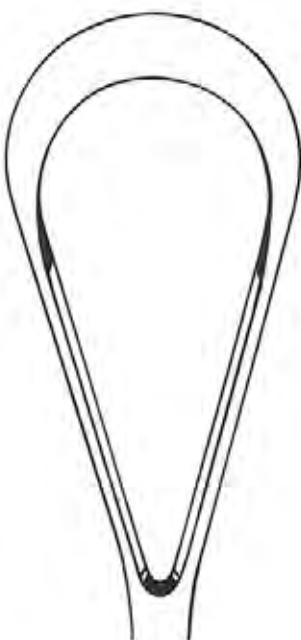
scharf • sharp • cortantes • tranchantes
 fest
 rigid
 rigidas
 rigides

Fig. 12
23 mm

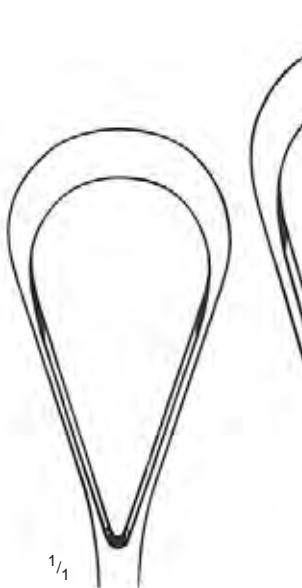
biegsam
 malleable
 maleables
 malléables

Fig. 13
25 mm

stumpf • blunt • romas • mousses
 fest
 rigid
 rigidas
 rigides

^{1/1}Fig. 15
35 mm

biegsam
 malleable
 maleables
 malléables

Fig. 16
40 mm

stumpf • blunt • romas • mousses
 biegssam
 malleable
 maleables
 malléables

31 cm/12^{1/2}"

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

Recamier-Bumm34 cm/13^{1/2}"

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

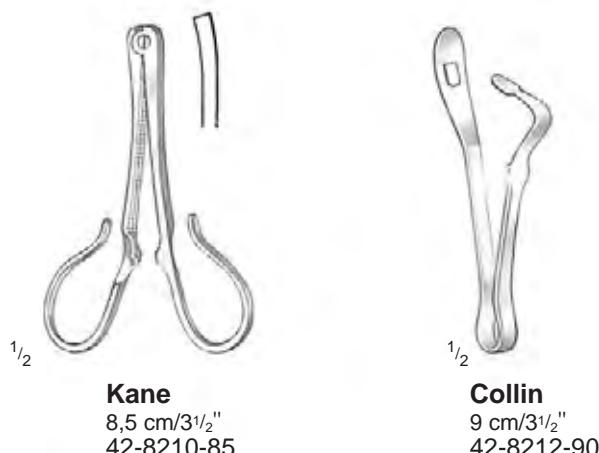
13
 14
 15
 16

42-4512-25
 42-4512-30
 42-4512-35
 42-4512-40

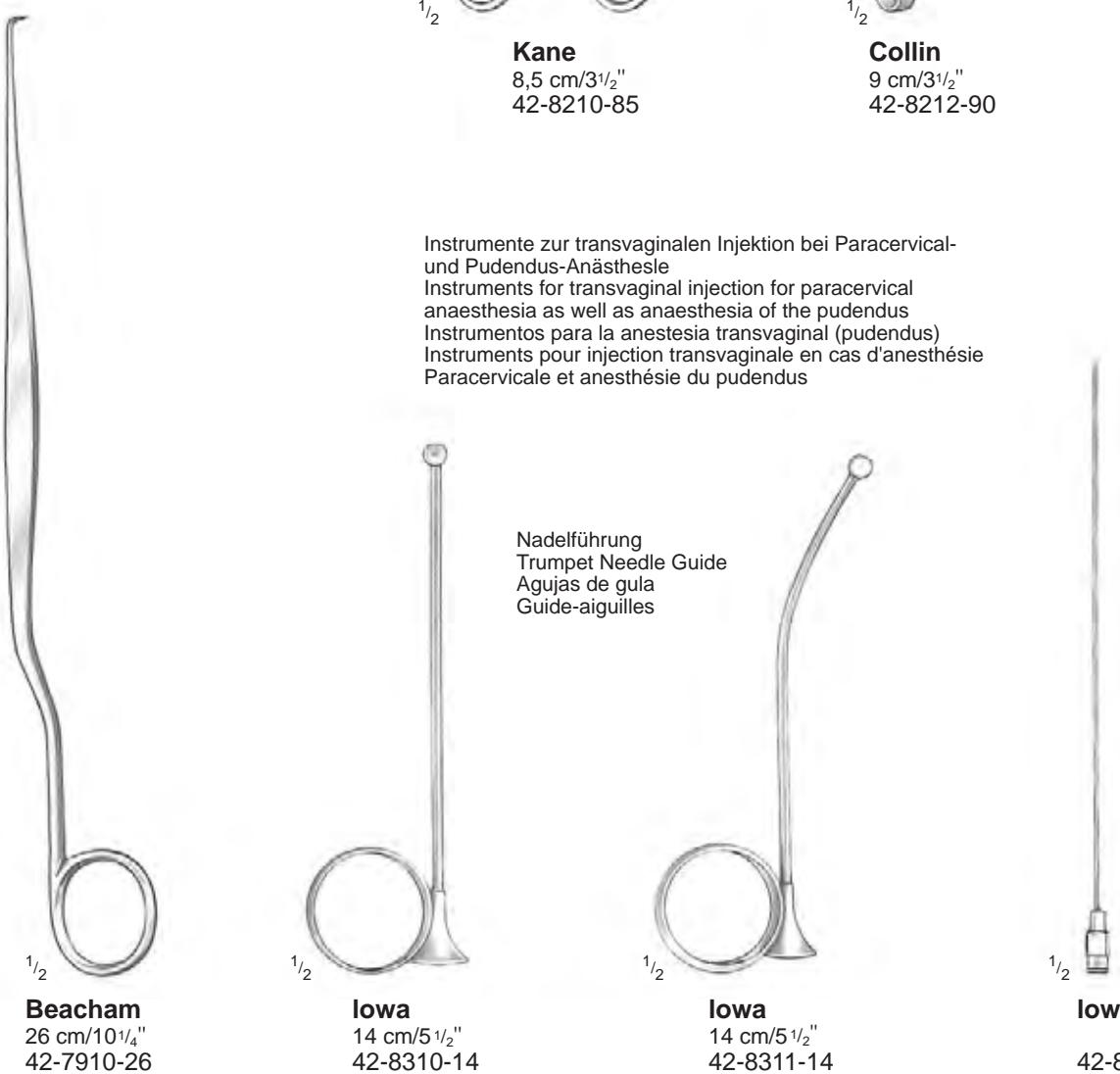
42-4513-25
 42-4513-30
 42-4513-35
 42-4513-40



Nabelschnurklemmen
Umbilical Cord Clamps
Clamps umbilicales
Clamps à cordon ombilical



Instrumente zur transvaginalen Injektion bei Paracervical- und Pudendus-Anästhesie
Instruments for transvaginal injection for paracervical anaesthesia as well as anaesthesia of the pudendum
Instrumentos para la anestesia vaginal (pudendum)
Instruments pour injection transvaginale en cas d'anesthésie Paracervicale et anesthésie du pudendum



(لطفاً جهت مشاهده انواع دیگر ابزارهای مرتبط با این فصل به صفحات زیر رجوع شود.)

Abszeß-und Fistelmesser Abscess and Fistula Knives Bisturíes para abcesos 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 Bisturíes para cono de atracción Bistouris pour le cône d'attraction	Myomesser Myoma Knife Bisturi para fibromas Bistouri pour fibromes	173-230 232
Damm-(Episiotomie-) Scheren Perineum (Episiotomy) Scissors Tijeras para perineo (para episiotomía) 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 histerectomía Pinces à hysterectomie	Peritoneum-Klemmen Peritoneum Forceps Pinzas para peritoneo Pinces à peritoine	367
Uterus-Polyppenzangen Uterine Polypos Forceps Pinzas para pólipos uterinos Pinces à polypes utérins	Uterusfaßzangen Uterine Elevating Forceps Pinzas histerolabos Pinces hysterolabes	
Plazentar- und Abortuszangen Placenta or Ovum Forceps Pinzas para aborto y placenta Pinces à faux germes et placenta		640
Kopfschwartzanzange Scalp Flap Forceps Pinza para pericráneo Pince pour le cuir chevelu		633
Hakenzangen Tenaculum Forceps Pinzas para coger el cuello del útero Pinces pour abaissement du col de l'utérus		637
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, pinces à tampons, pinces à corps étrangers		638-640
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

Univer®



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, pinces vasculaires à mors**



دندہ بر

**Rippenscheren, Sternumschere
Rib Shears, Sternum Shears
Costótomas, Tijera de esternón
Gostotomes, Cisaille à sternum**

Sternumschere
Sternum Shears
Tijera de esternón
Cisaille à sternum

 $\frac{1}{3}$

Lebsche
25 cm/10"
16-1575-25

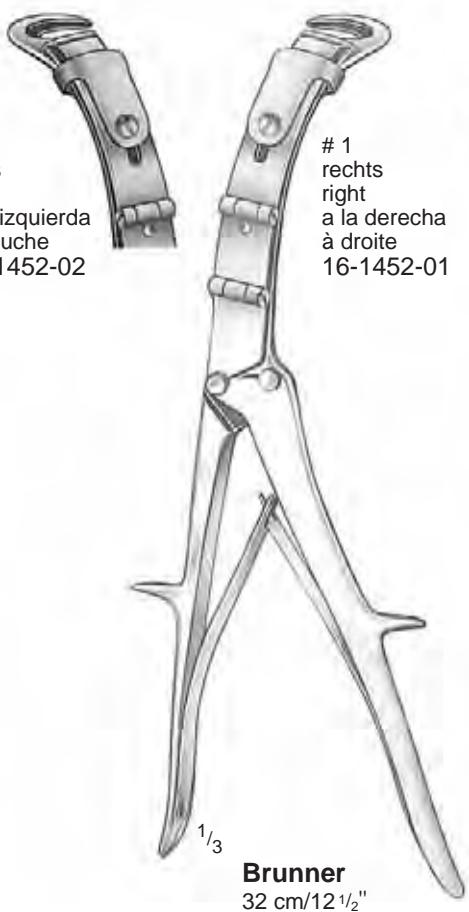
mit ziehendem
Schnitt
with eccentric
sliding blade
con hoja
de retroacción
avec lame
glissante



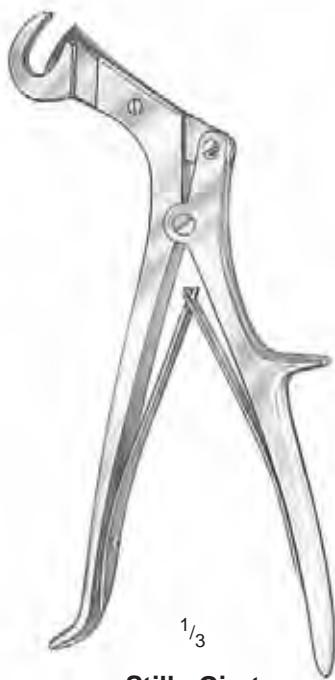
Gluck
19 cm/7 1/2" = 16-1422-19
22 cm/8 3/4" = 16-1422-22

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"

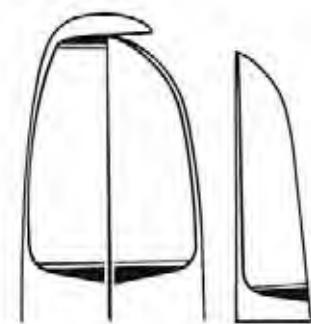


Stille-Giertz
24,5 cm/9 3/4"
16-1475-25

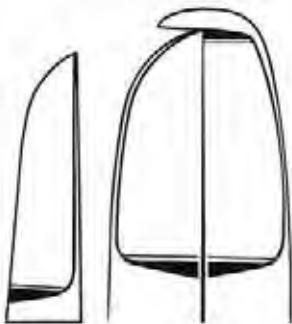
27 cm/10 3/4"
16-1475-27



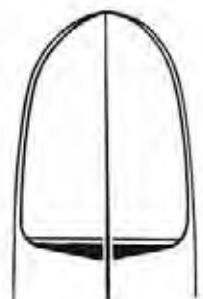
Sauerbruch
23 cm/9" = 16-1484-23
26 cm/10 1/4" = 16-1484-26



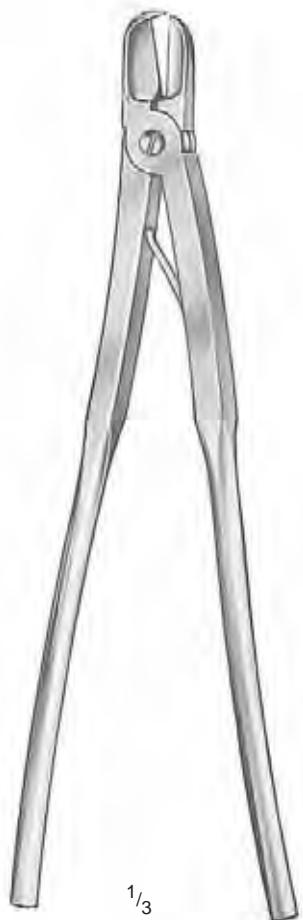
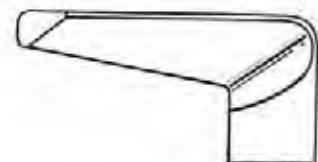
für die linke Hand
for the left hand
para la mano izquierda
pour la main gauche



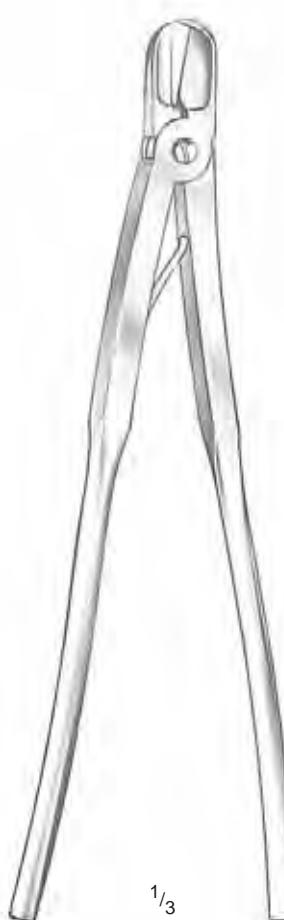
für die rechte Hand
for the right hand
para la mano derecha
pour la main droite



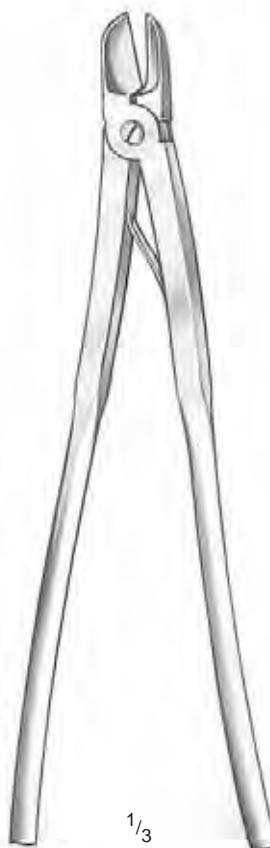
1/1



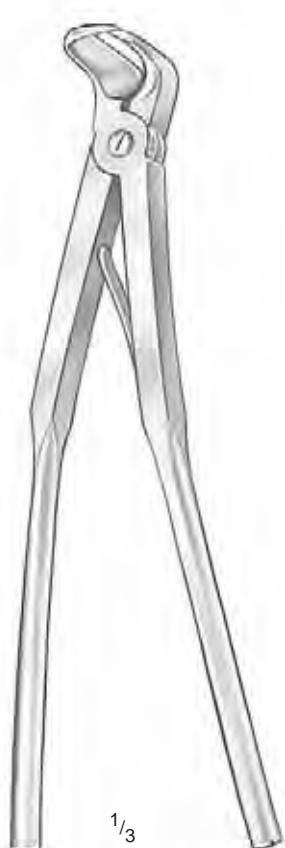
Coryllos-Bethune
35 cm/13³/₄"
16-1535-02



Coryllos-Bethune
35 cm/13³/₄"
16-1535-01



Bethune
34 cm/13¹/₂"
16-1540-34



Roos
33 cm/13"
16-1543-33



دندہ بر

Rippenscheren
Rib Shears
Costótomos
Costotomes

Knochenschere
 Bone and Rib Shears
 Cizallas para huesos y costillas
 Costotomes, cisailles pour os



Lebsche
 24,5 cm/9 ¾"
 15-1675-24



23 cm/9"
 02-5650-23



Plain
 23 cm/9"
 02-5660-23

اکار تور ریه

Lungenspatel, Scapula-Haken

Lung Spatulas, Scapula Retractors

Espatulas pulmonares, separadores para la escápula

Valves à poumon, écarteurs à omoplate



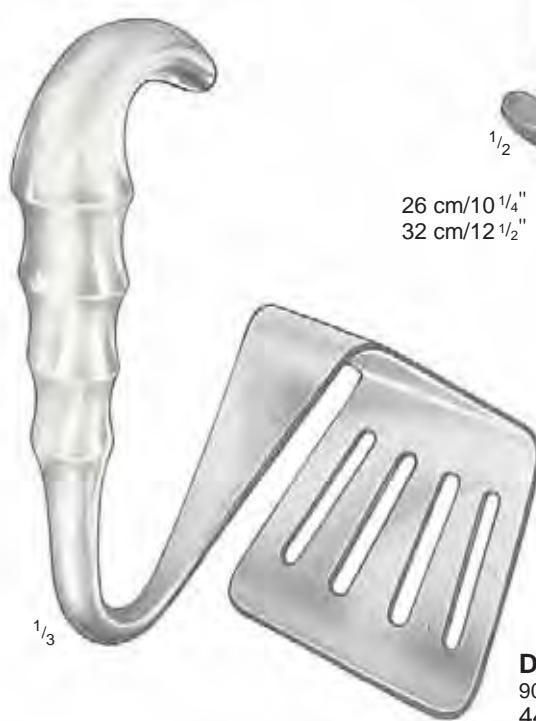
Allison

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 استرنو™

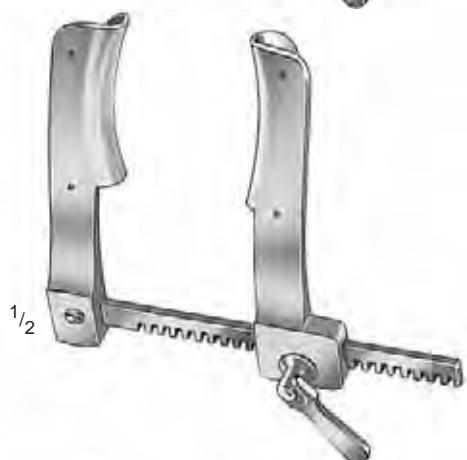
Sternotomiesperrer, Aluminium
Sternotomy-Spreaders, aluminium
Separadores para esternotomía, aluminio
Ecarteurs à sternotomie, aluminium

für Neugeborene
for new-born
para recién nacidos
pour nouveau-nés

**Castañeda**

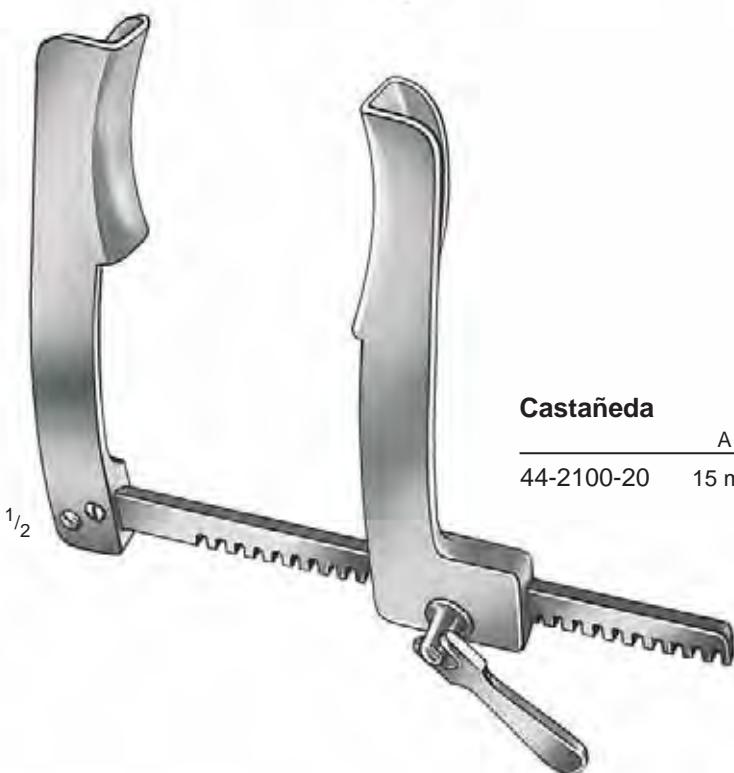
	A	B	C
44-2100-65	10,5 mm	32 mm	65 mm

für Kleinstkinder
pediatric size
para bebés
pour bébés

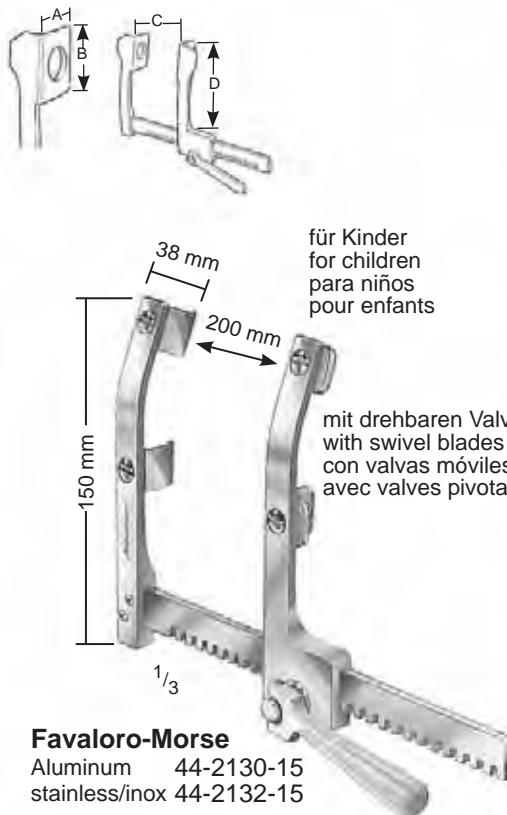
**Castañeda**

	A	B	C
44-2100-10	12 mm	45 mm	70 mm

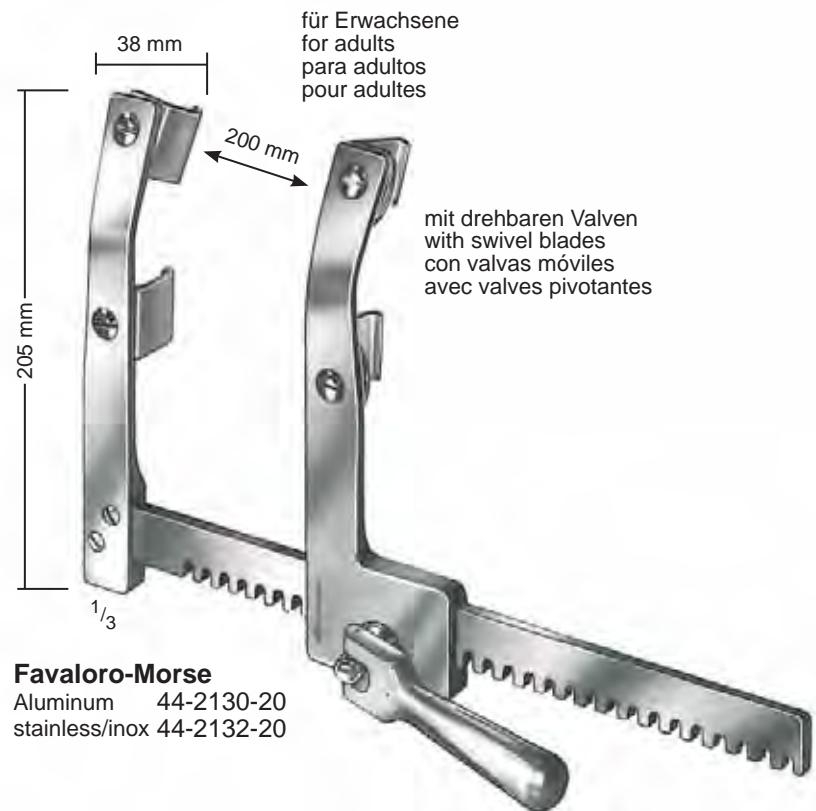
für Kleinkinder
child size
para niños
pour petit-enfants

**Castañeda**

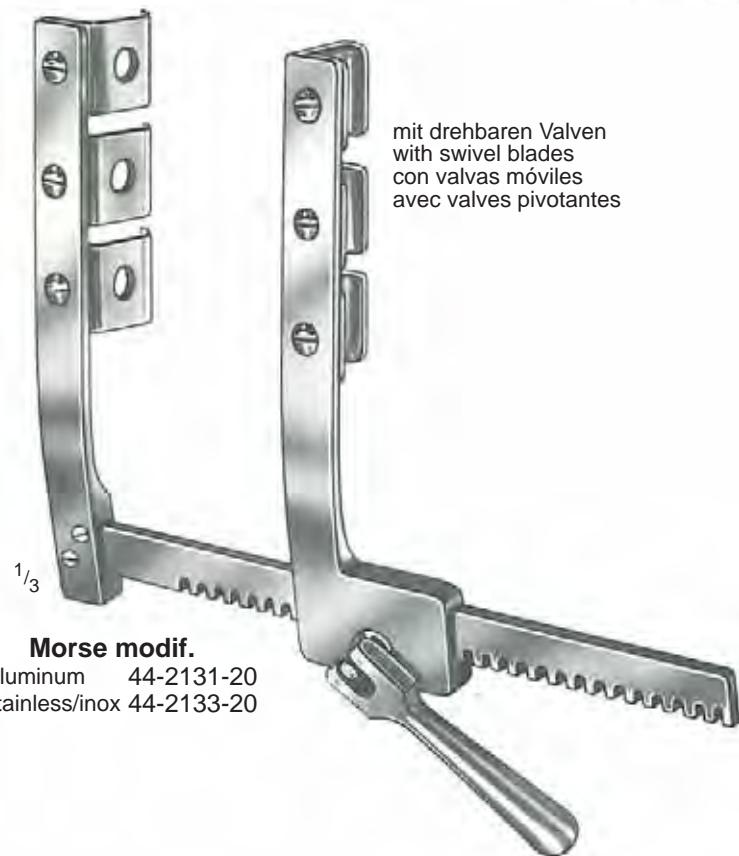
	A	B	C
44-2100-20	15 mm	60 mm	120 mm



Favaloro-Morse
Aluminum 44-2130-15
stainless/inox 44-2132-15



Favaloro-Morse
Aluminum 44-2130-20
stainless/inox 44-2132-20



Morse modif.
Aluminum 44-2131-20
stainless/inox 44-2133-20



اکارتور استرنو™

**Sternotomiesperrer
Sternotomy Spreaders
Separadores para esternotomía
Ecarteurs à sternotomie**

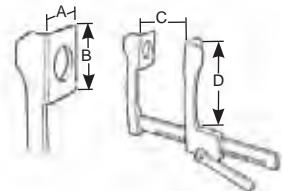


Aluminium, aluminium, aluminio, aluminium

Cooley

	A	B	C
44-2210-75	12 mm, $\frac{1}{2}$ "	17 mm, $\frac{5}{8}$ "	75 mm, 3"

für Neugeborene
for newborns
para recién nacidos
pour nouveau-nés

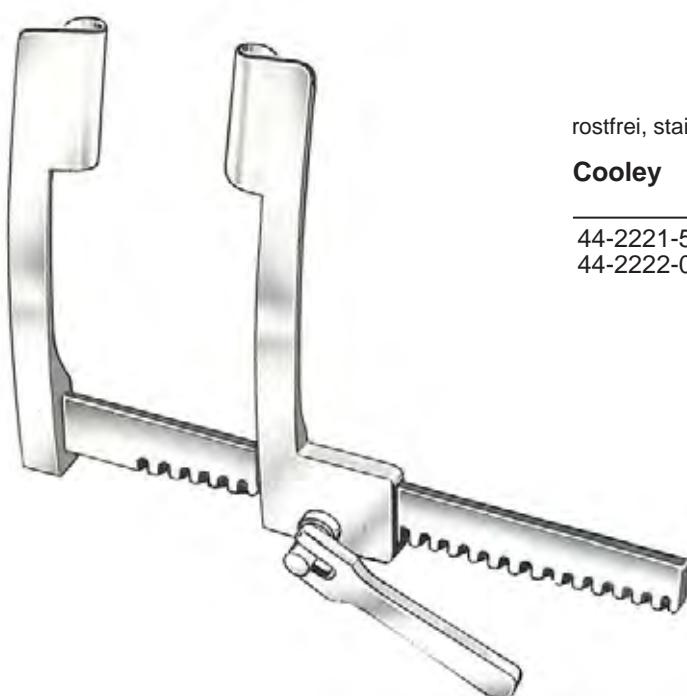


Aluminium, aluminium, aluminio, aluminium

Cooley

	A	B	C
44-2211-05	16 mm, $\frac{5}{8}$ "	30 mm, $1\frac{1}{8}$ "	105 mm, $4\frac{1}{8}$ "

für Kleinstkinder
pediatric size
para pequeños niños
pour petits- enfants



rostfrei, stainless steel, inoxidable, inoxydable

Cooley

	A	B	C
44-2221-50	21 mm, $\frac{7}{8}$ "	44 mm, $1\frac{3}{4}$ "	150 mm, 6"
44-2222-00	37 mm, $1\frac{1}{2}$ "	49 mm, $1\frac{7}{8}$ "	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

اکارتور دندہ

Rippensperrer, rostfrei

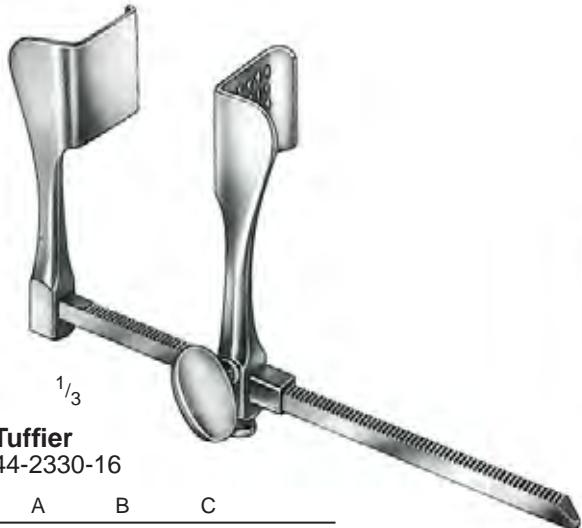
Rib Spreaders, stainless

Separadores costales, inoxidables

Ecarteurs costaux, inoxydables

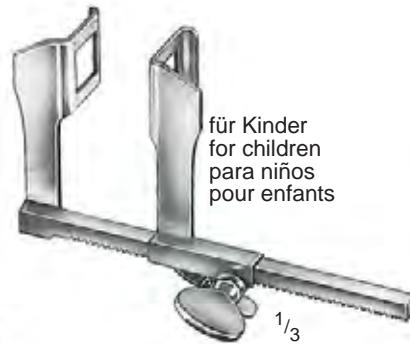


44



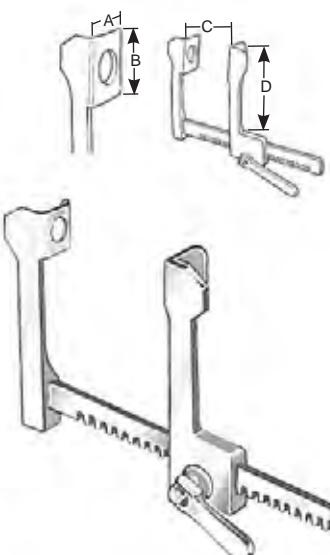
Tuffier
44-2330-16

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

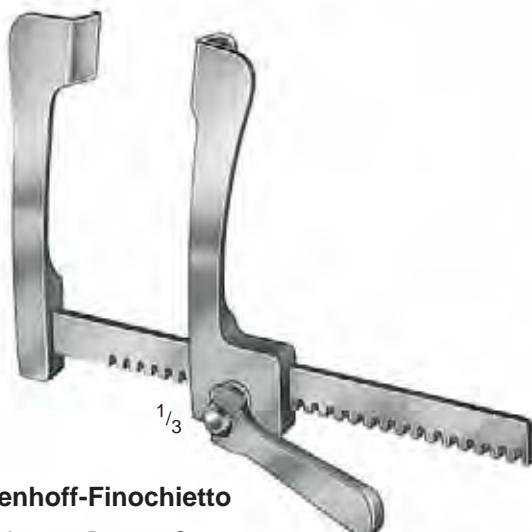
Finochietto

	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 دندہ

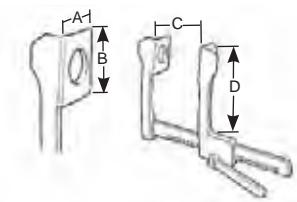
Rippensperrer, rostfrei
Rib Spreaders, stainless
Separadores costales, inoxidables
Ecarteurs costaux, inoxydables



Rienhoff-Finochietto

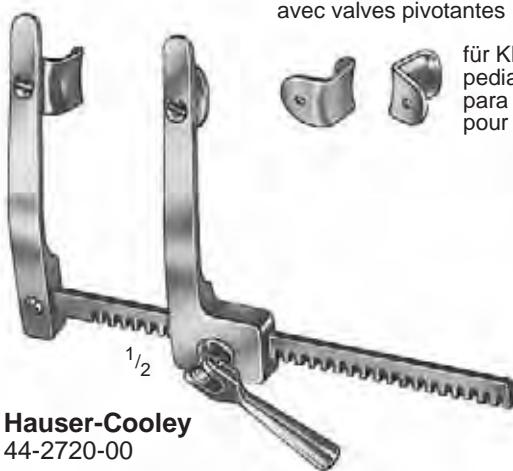
A	B	C
21 mm	26 mm	150 mm

44-2715-26



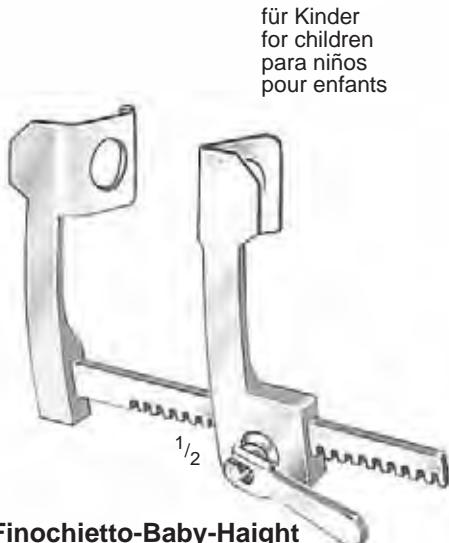
mit drehbaren Valven
with swivel blades
con valvas móviles
avec valves pivotantes

für Kleinstkinder
pediatric size
para bebés
pour bébés



Hauser-Cooley

44-2720-00

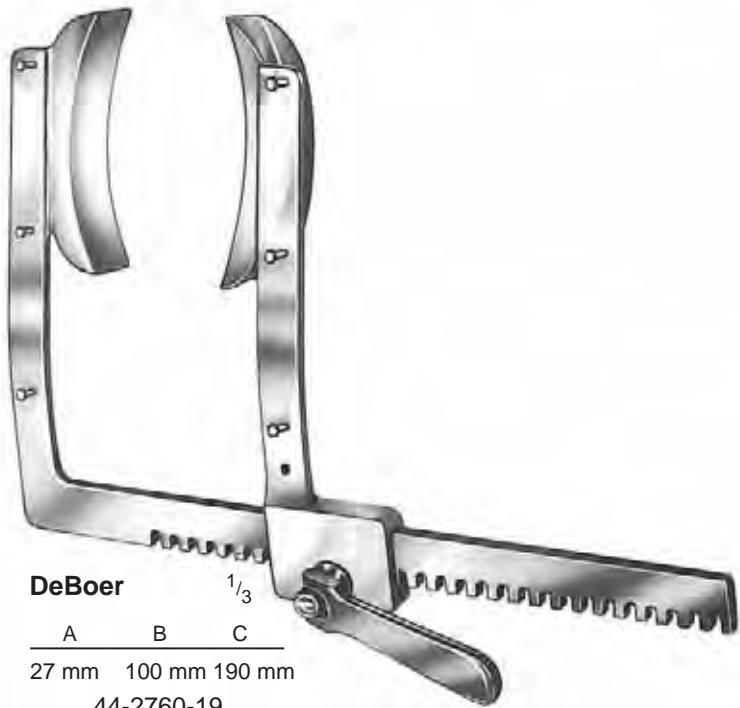


für Kinder
for children
para niños
pour enfants

Finochietto-Baby-Haight

A	B	C
31 mm/1 1/4"	31 mm/1 1/4"	100 mm/4"

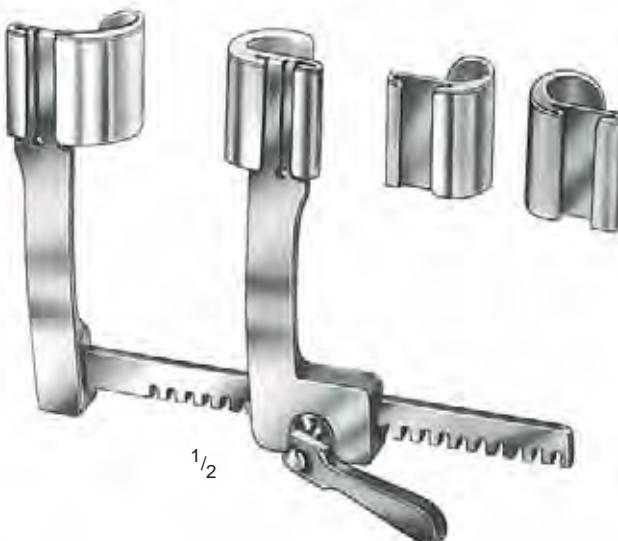
44-2770-10



DeBoer

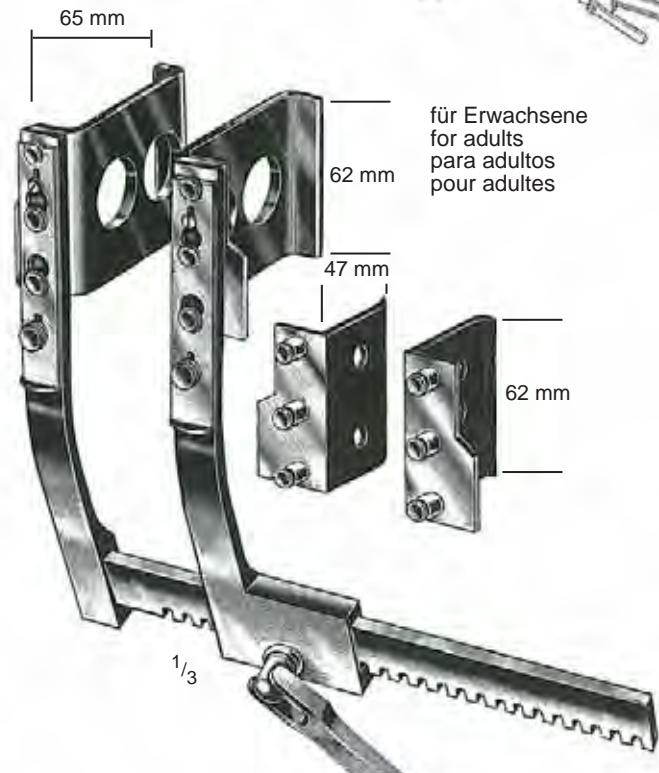
A	B	C
27 mm	100 mm	190 mm

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 valves interchangeables

für Kleinstkinder pediatric size	für Kinder for children	für Erwachsene for adults
para bebés	para niños	para adultos
pour bébés	pour enfants	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 valves interchangeables

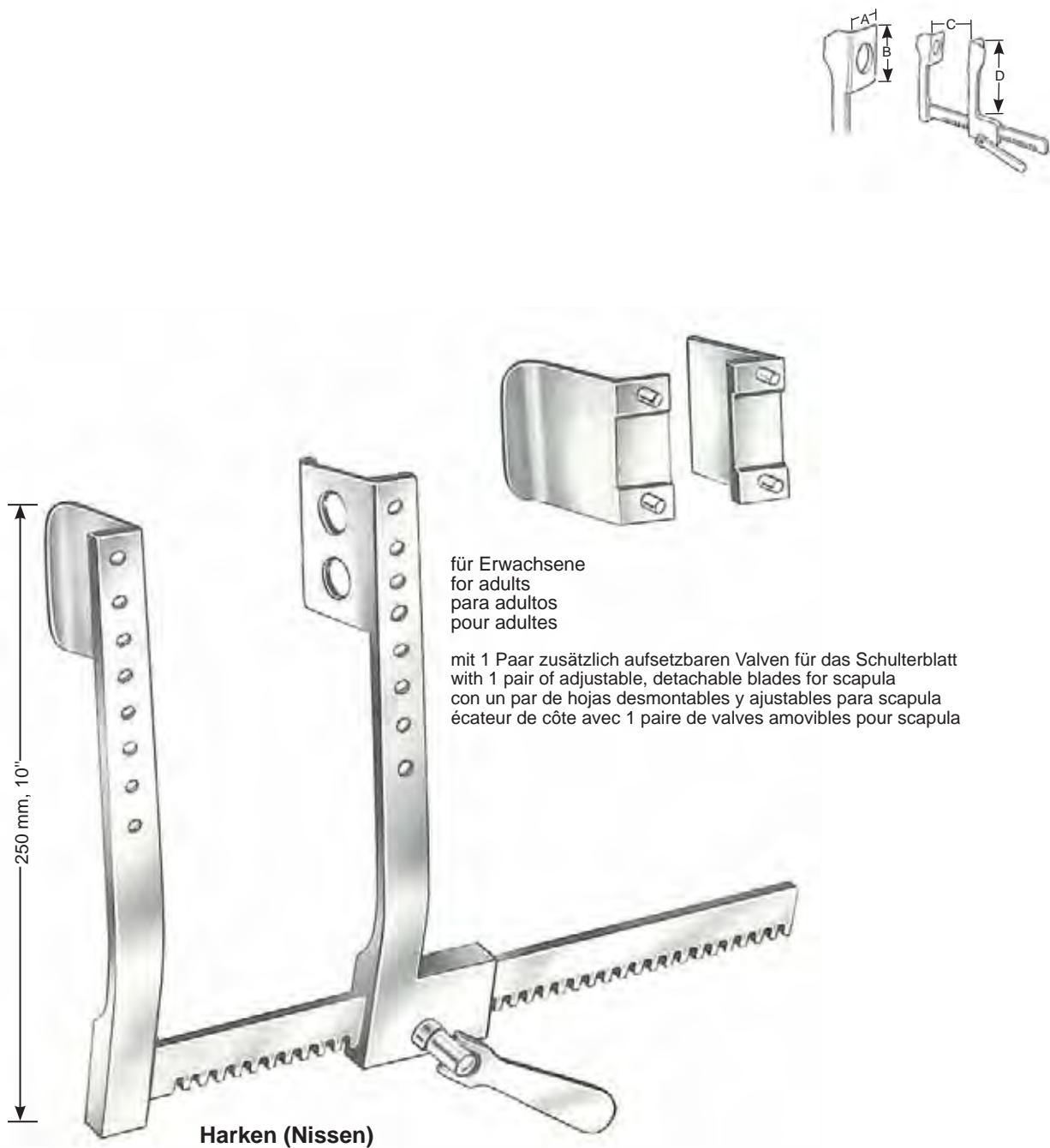
44-2850-20 44-2850-25 44-2850-30

	1. Paar auswechselbare Valven 1. pair of interchangeable blades 1. par de valvas removibles 1. paire de 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 mm	B mm	C mm
44-2830-70	15	15	70
44-2831-20	30	30	120
44-2832-00	60	52	200
44-2850-20	65	62	200
44-2850-25	65	62	250
44-2850-30	65	62	300



اکارتور دندہ

Rippensperrer, rostfrei
Rib Spreaders, stainless steel
Separadores costales, inoxidables
Ecarteurs costaux, inoxydables



	feste Valven un-removable blades valvas non-deshmantables 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	C
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"

اکارتور دندہ

Rippensperrer, Aluminium

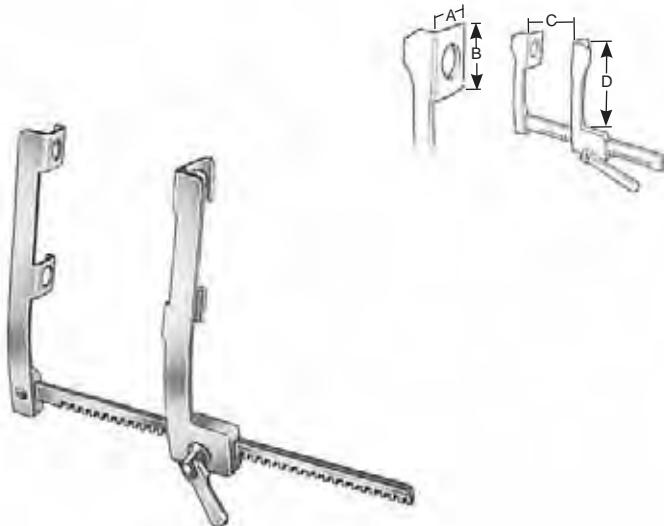
Rib Spreaders, aluminium

Separadores costales, aluminio

Ecarteurs costaux, aluminium

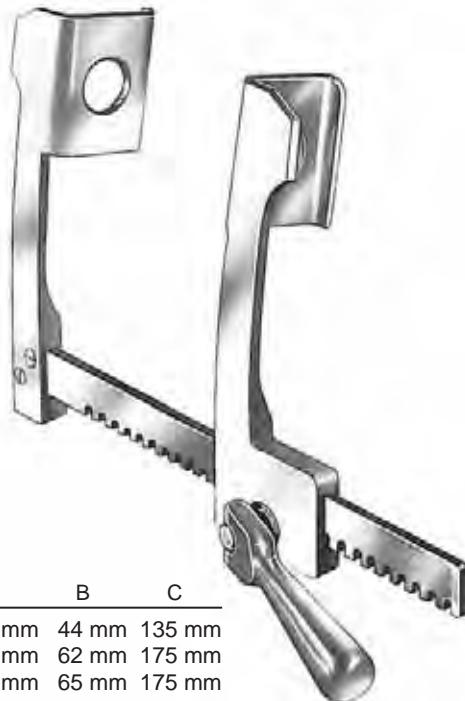


44



Finocietto (modif.)

	A	B	C	D
44-2961-12	14 mm	14 mm	120 mm	110 mm



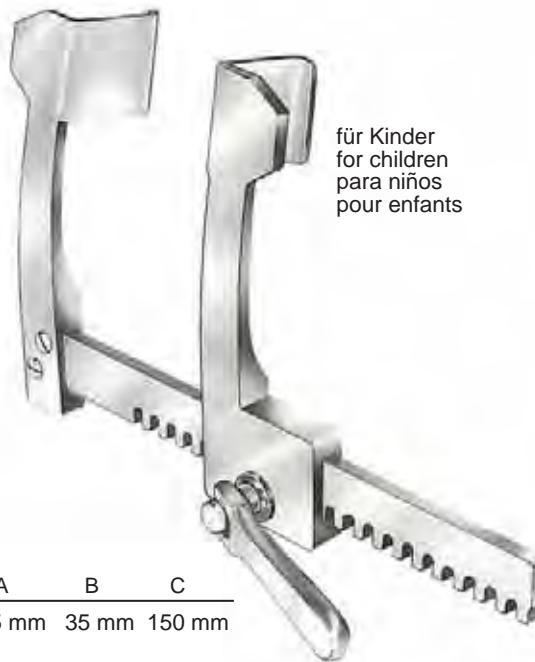
Finocietto

	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 دندہ

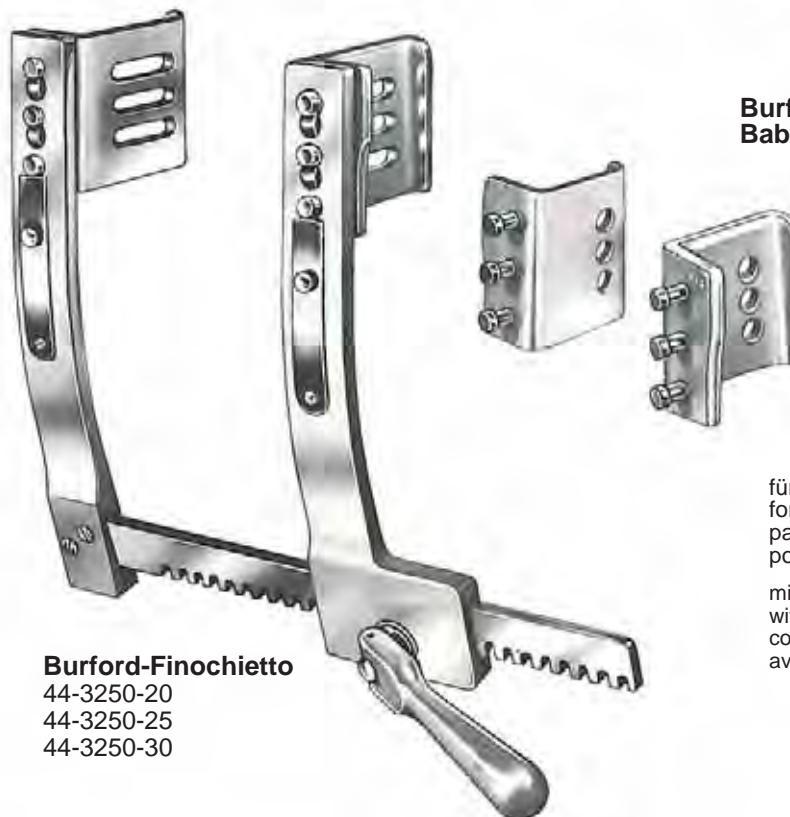
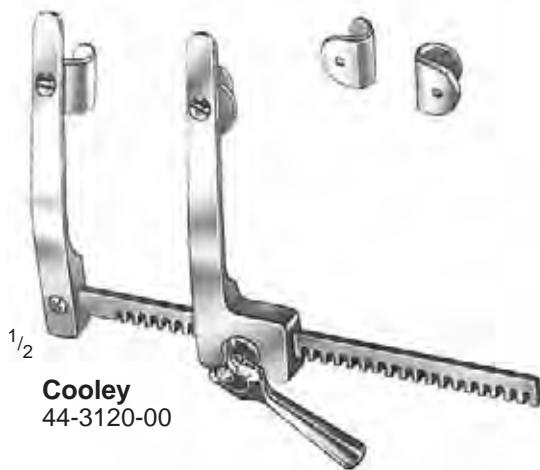
**Rippensperrer, Aluminium
Rib Spreaders, aluminium
Separadores costales, aluminio
Ecarteurs costaux, aluminium**

mit drehbaren Valven
with swivel blades
con valvas móviles
avec valves pivotantes

für Kleinstkinder
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



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	C
44-3250-20	65 mm	62 mm	200 mm, 8"
44-3250-25	65 mm	62 mm	255 mm, 10"
44-3250-30	65 mm	62 mm	305 mm, 12"
44-3251-13	48 mm	42 mm	135 mm, 5 1/4"

A B

A B

C

	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	C
44-3250-20	65 mm	62 mm	200 mm, 8"
44-3250-25	65 mm	62 mm	255 mm, 10"
44-3250-30	65 mm	62 mm	305 mm, 12"
44-3251-13	48 mm	42 mm	135 mm, 5 1/4"

اکارتور دندہ

Rippensperrer, Aluminium

Rib Spreaders, aluminium

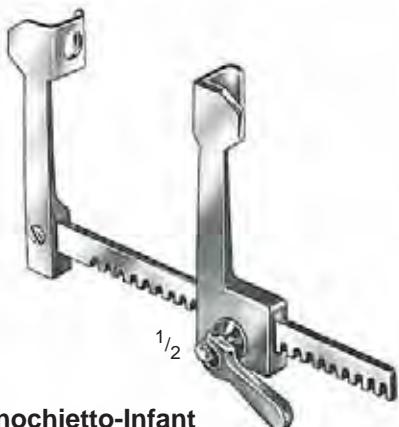
Separadores costales, aluminio

Ecarteurs costaux, aluminium



44

für Säuglinge
for babies
para bebés
pour bébés



Finochietto-Infant
44-3264-75

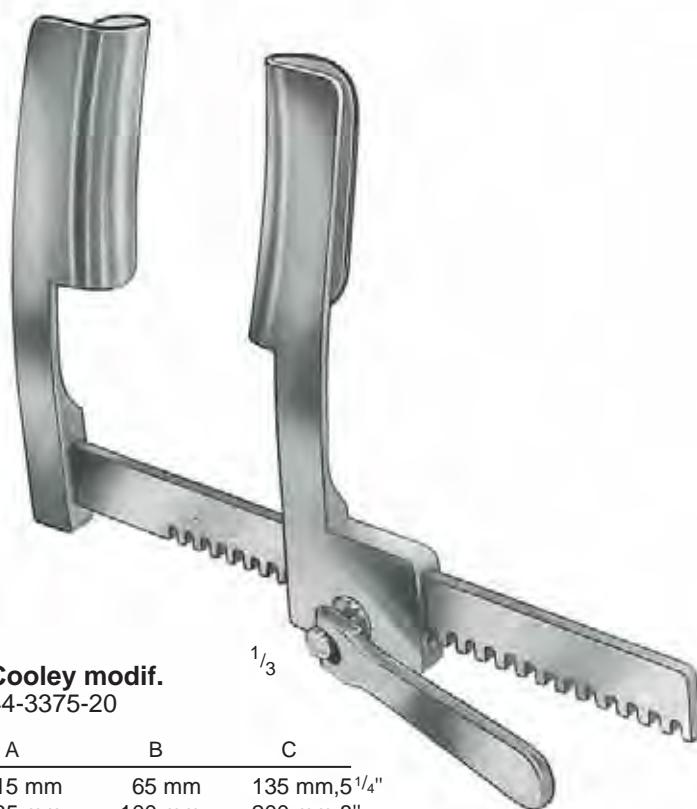
A	B	C
15 mm	15 mm	75 mm

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

Rippenkontraktoren
Rib Contractors
Aproximadores para costillas
Rapprocheurs des côtes

Rippensperrer und -kontraktor
mit beweglichen Valven

Rib Spreader and contractor
with swivel blades

Separador y contractor costal
con valvas giratorias

Rapprocheur et écarteur des
côtes à valves pivotantes

Sternum-Approximator
Sternal Approximator
Aproximador de esternón
Rapprocheur sternal



Bailey-Baby
14,5 cm/5 3/4"
44-3400-14



Bailey
Short Claws
16 cm/6 1/4" 20 cm/8"
44-3400-16 44-3400-20



Bailey-Gibbon
Long Claws
16 cm/6 1/4"
44-3410-16

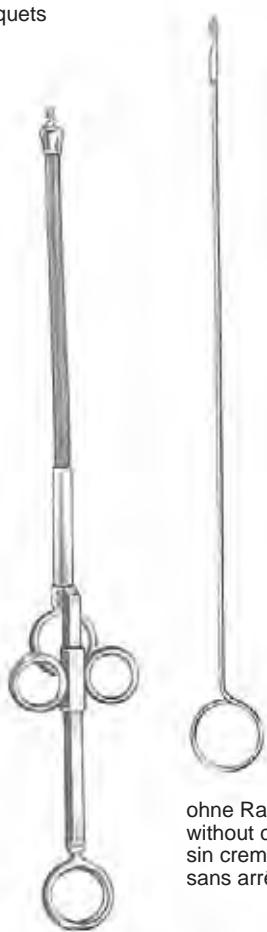


Sellors
19 cm/7 1/2"
44-3460-20



Lemmon
44-3470-14 14 cm/5 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



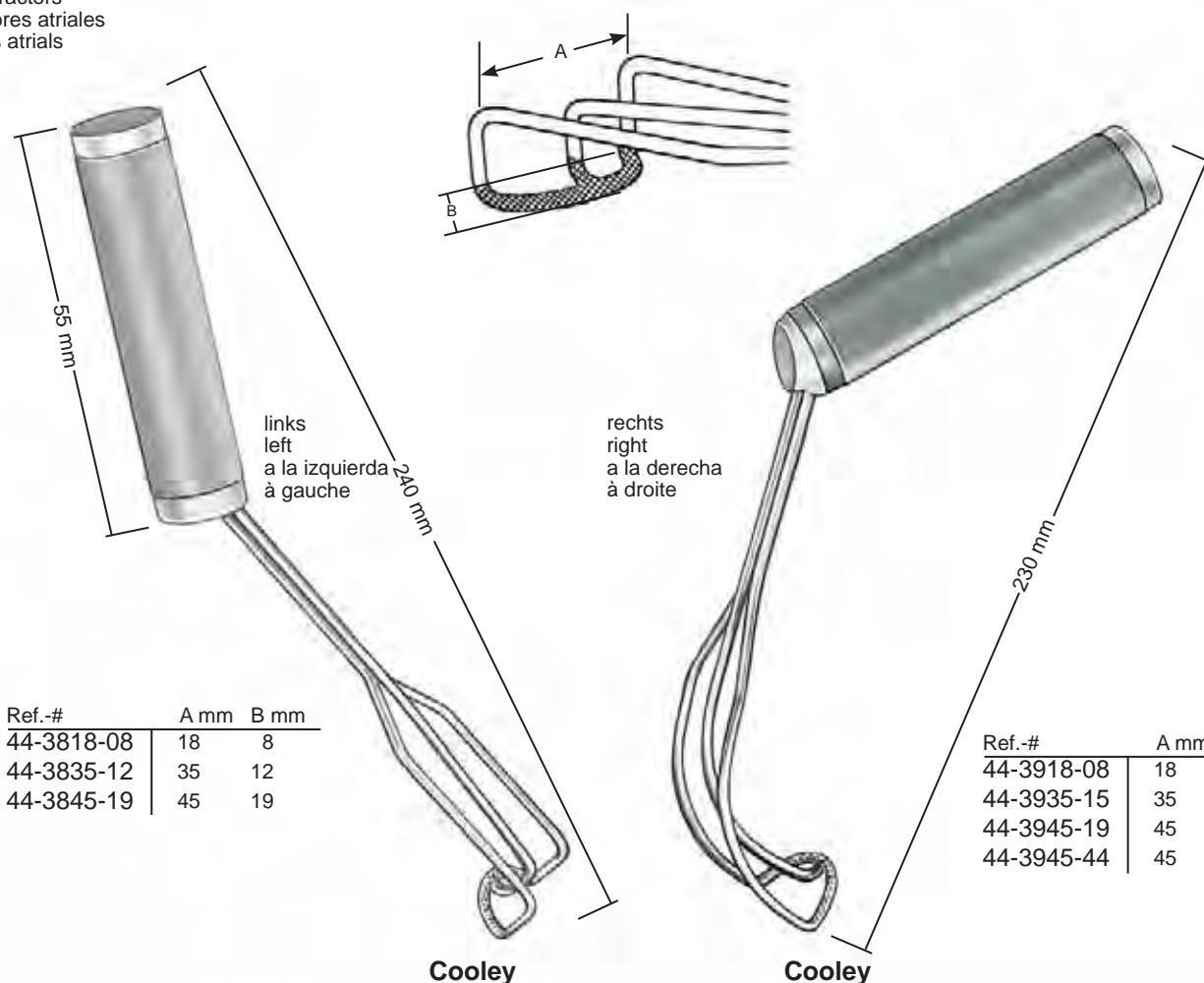
Stilett
Eyed Stilette
Estilete con ojal
Stylet
44-3750-82

mit Raste
with catch
con cremallera
avec arrêt

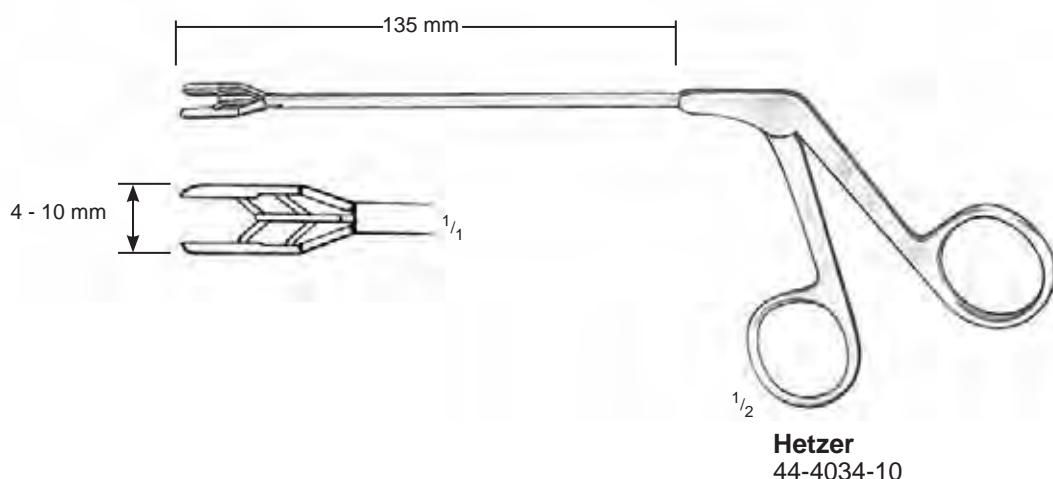
Rumel-Belmont Ø 3,2 mm = 44-3752-32
30 cm/12"
Ø 6,4 mm = 44-3752-64

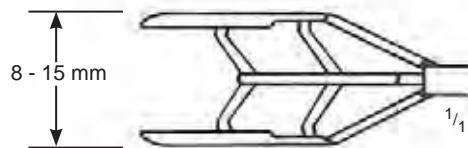


Atrium-Haken
Atrial Retractors
Separadores atriales
Ecarteurs atriaux



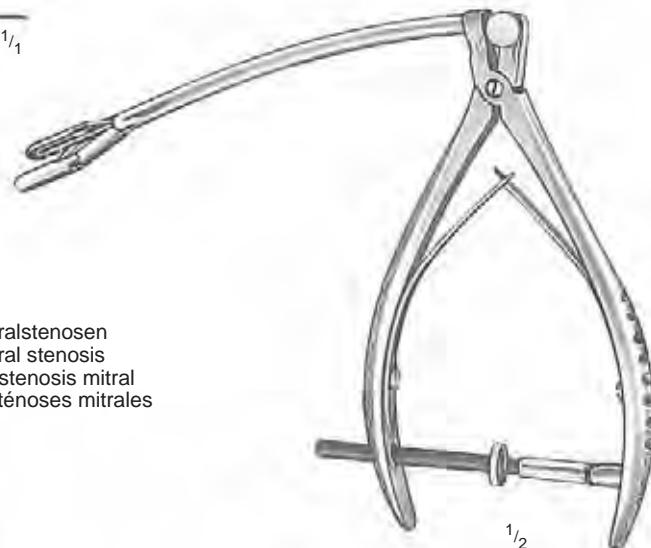
اکارتور دریچه
Herzdilatatoren
Valve Dilators
Dilatadores de aorta
Dilatateurs aortiques



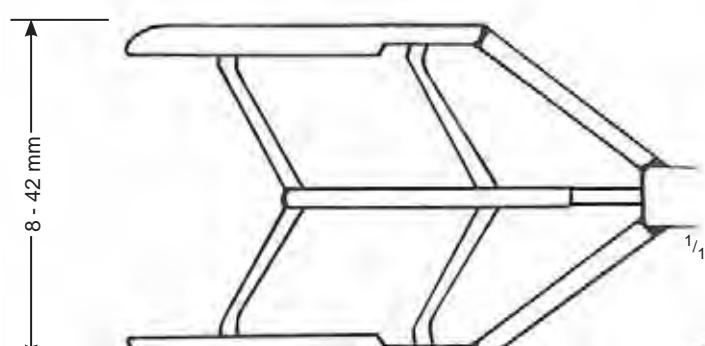


Spreizweite 8-15 mm, mit Gewindesperre
spreading 8-15 mm, with thread fixation
abertura 8-15 mm, con fijación de rosca
ouverture 8-15 mm, avec fixation filetée

für Mitralstenosen
for mitral stenosis
para estenosis mitral
pour sténoses mitrales

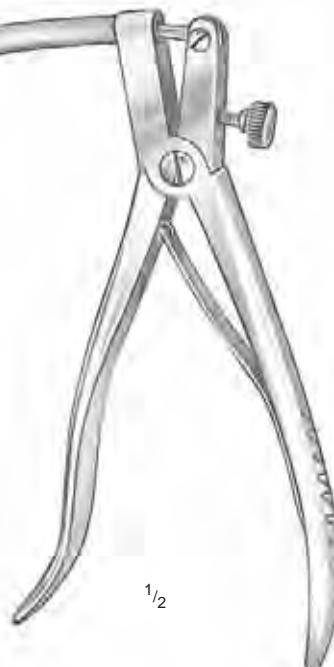


Cooley
44-4046-15



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 Mitralstenosen
for mitral stenosis
para estenosis mitral
pour sténoses mitrales



Tubbs
44-4069-45



ديلاتور عروقى
Dilatatoren
Dilators
Dilatadores
Dilatateurs

Gefäßdilatatoren
Vascular Dilators
Dilatadores vasculares
Dilatateurs vasculaires



bieg sam
malleable
maleable
malléable

$^{1/1}$

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

Garrett

14 cm/5 1/2"
21 cm/8 1/4"

3,5 mm 25-5714-35 25-5714-40 25-5714-45 25-5714-50
4 mm 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



bieg sam
malleable
maleable
malléable

$^{1/1}$

0,5 mm

1,0 mm



1,5 mm



2,0 mm



2,5 mm



3,0 mm

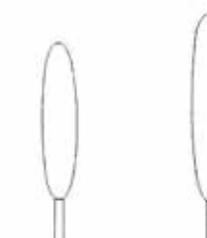
25-5819-05 25-5819-10 25-5819-15 25-5819-20 25-5819-25 25-5819-30



$^{1/1}$

3,5 mm

4,0 mm



4,5 mm



5,0 mm



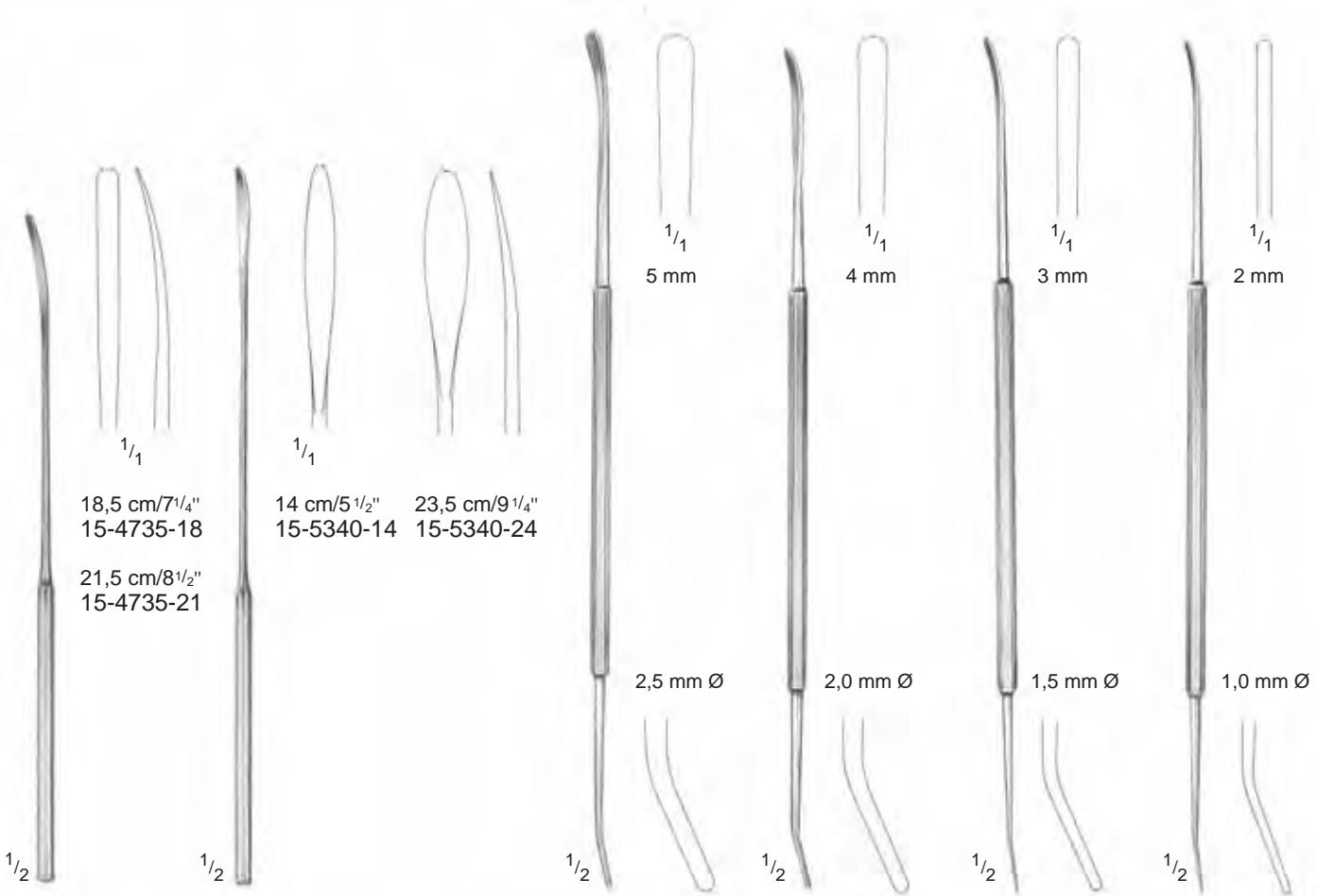
7,0 mm



9,0 mm

25-5819-35 25-5819-40 25-5819-45 25-5819-50 25-5819-70 25-5819-90

DeBakey
19 cm/7 1/2"



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

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.

DeBakey-Diethrich



Anlegezange für Bulldogklemmen
Applying Forceps for Bulldog Clamps
Pinza para poner las clamps Bulldog
Pince pour poser les clamps Bulldog

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.

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

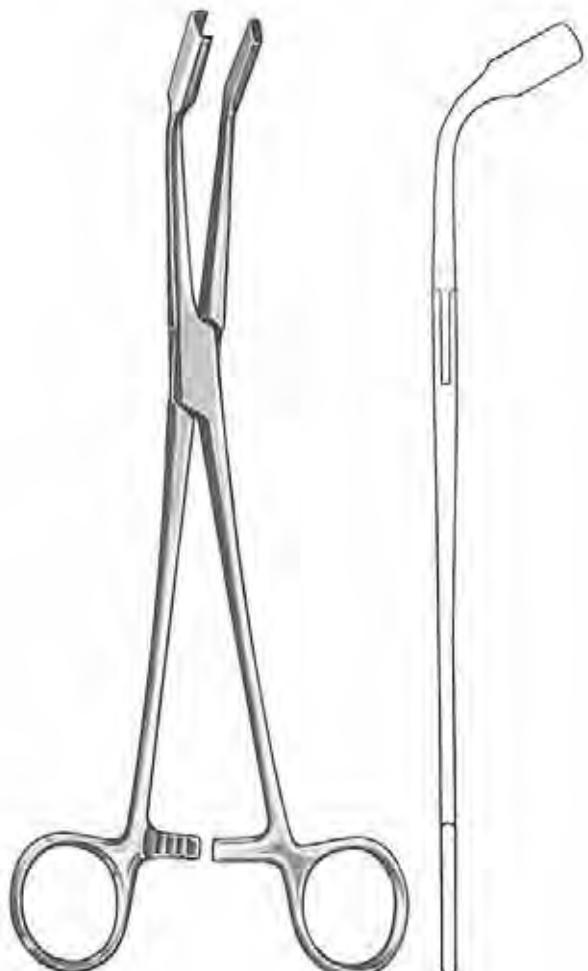
10 mm 14 mm 20 mm 20 mm

Gewicht
Weight
Peso.
Poids

3gr. 3gr. 3gr. 3gr.

Druck
Pressure
Presión
Pression

180gr. 180gr. 180gr. 180gr.



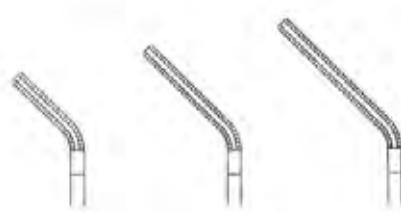
Johns-Hopkins

23 cm/9"
44-4105-23



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

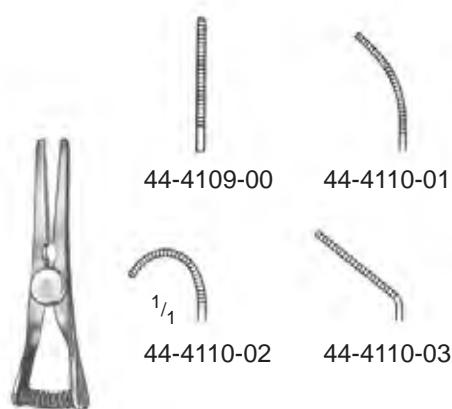
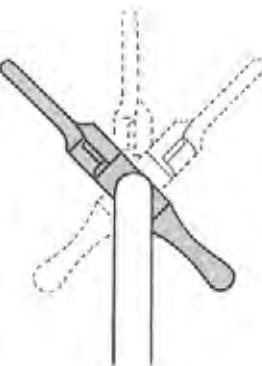


44-4108-47 44-4108-51 44-4108-55

Länge Length Largo Longueur	47 mm	51 mm	55 mm
Maul Jaws Boca Mors	13 mm	18 mm	25 mm

Wickham Mini

Gewicht
Weight 3gr.
Peso
Poids
Druck
Pressure 150gr.
Presión
Pression



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

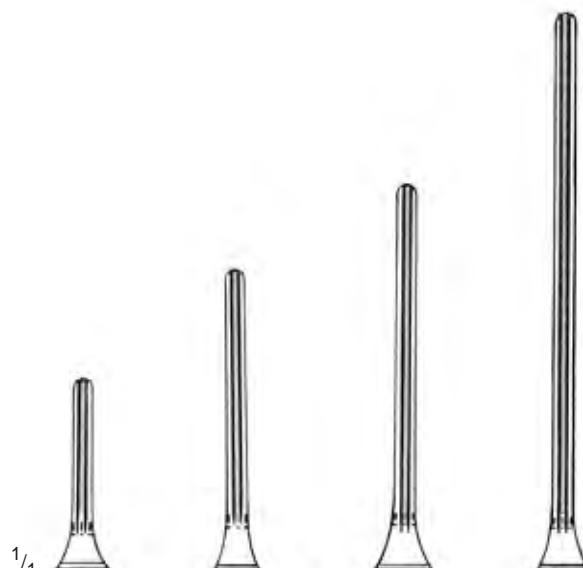
Atrauma Bulldog Clamps

Clamps Bulldog con bocas Atrauma

Clamps Bulldog à mors Atrauma



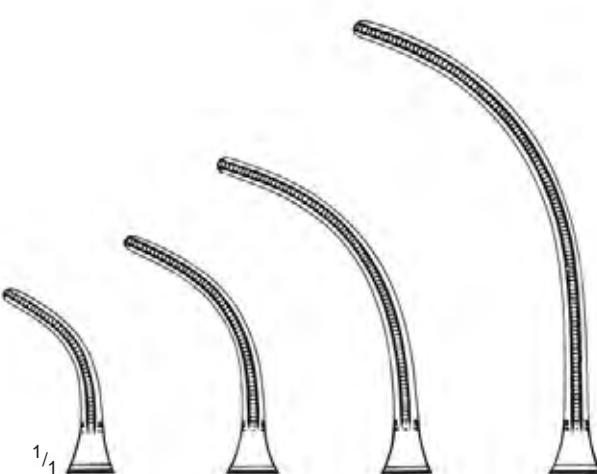
DeBakey



	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



	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.

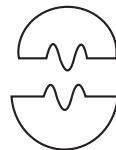
پنس بولداگ عروقی

Atrauma Bulldogklemmen

Atrauma Bulldog Clamps

Clamps Bulldog con bocas Atrauma

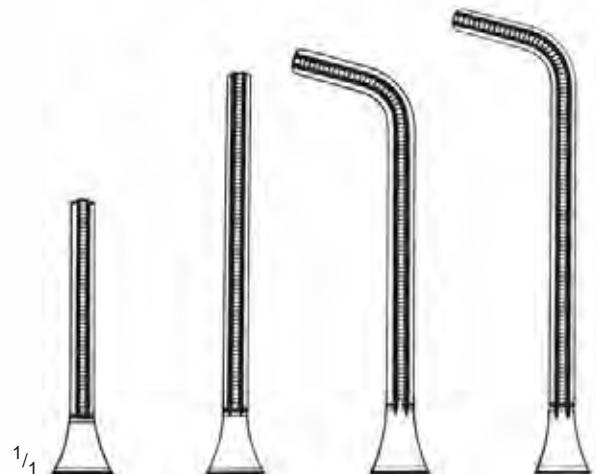
Clamps Bulldog à mors Atrauma



44

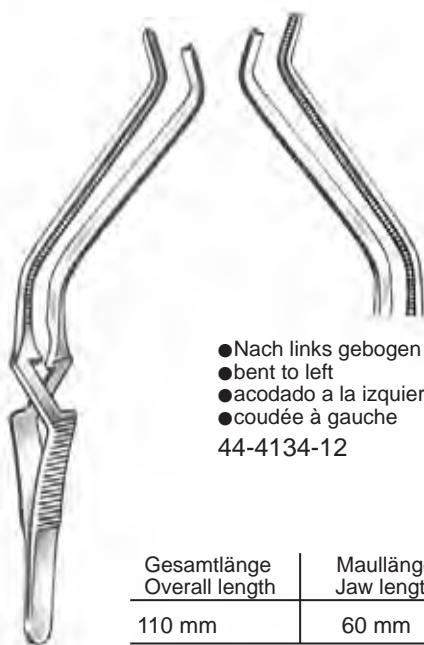


Gregory "Soft" Carotis Bulldogklemmen
Gregory "Soft" Carotid Bulldog Clamps



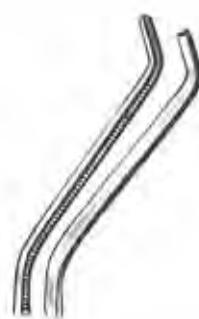
	44-4130-09	44-4130-11	44-4132-10	44-4132-11
Gesamtlänge Overall length	90 mm	110 mm	105 mm	110 mm
Maullänge Jaw length	27 mm	44 mm	55 mm	60 mm
Gewicht Weight	11gr.	12gr.	12gr.	12gr.

Modifizierte Gregory "Soft" Bulldogklemmen
Modified Gregory "Soft" Bulldog Clamps



- Nach links gebogen
- bent to left
- acodado a la izquierda
- coudée à gauche

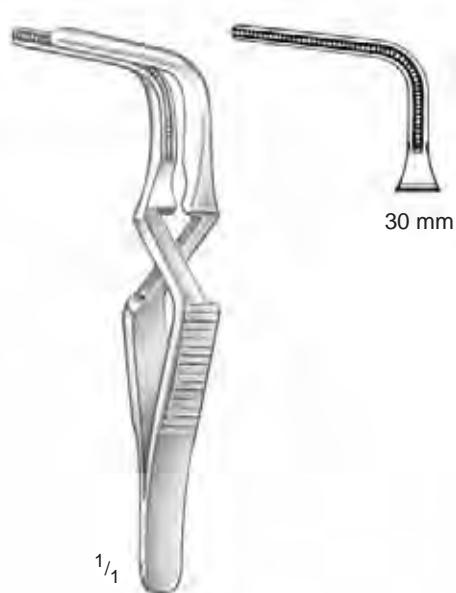
44-4134-12



- Nach rechts gebogen
- bent to right
- acodado a la derecha
- coudée à droite

44-4134-13

Gesamtlänge Overall length	Maullänge Jaw length	Gewicht Weight
110 mm	60 mm	12 g



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

^{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

^{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.

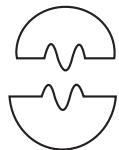
پنس بولداگ عروقی

Atrauma Bulldogklemmen

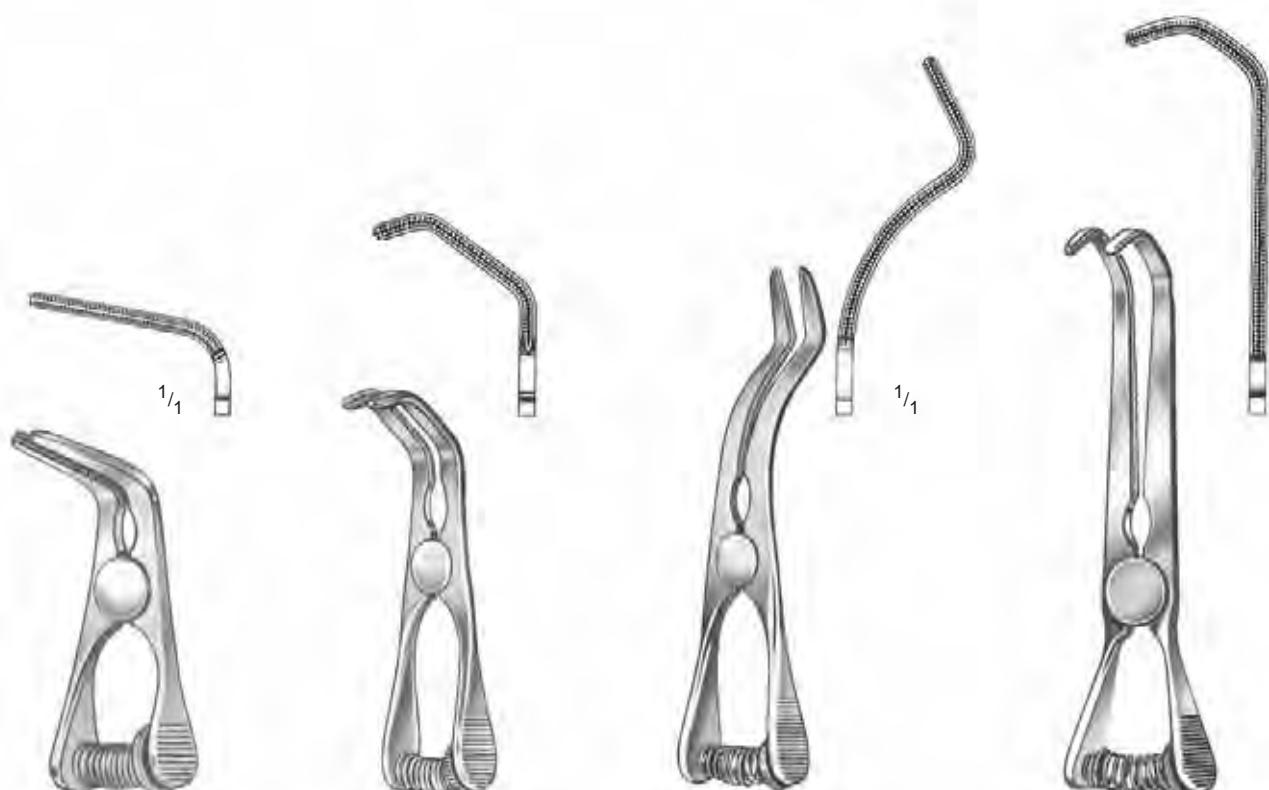
Atrauma Bulldog Clamps

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



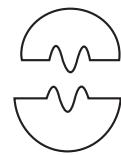
پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma



Anastomosenklemmen

Anastomosis Forceps

Pinzas para anastomosis

Pince pour anastomoses



DeBakey-Glover

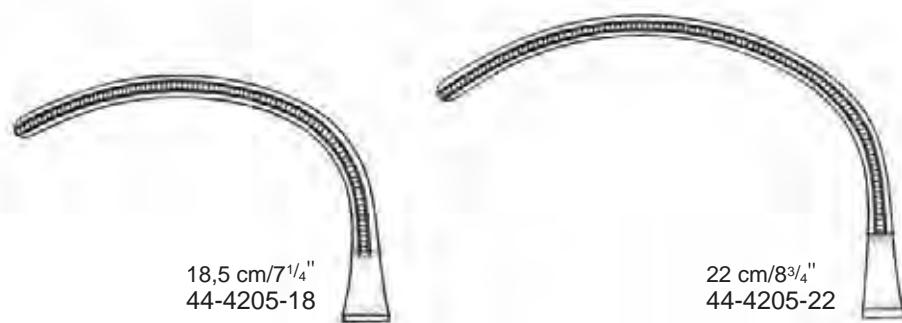
21 cm/8¹/₄"
44-4201-21

24 cm/9¹/₂"
44-4201-24

1/1

21 cm/8¹/₄"
44-4203-21

26 cm/10¹/₄"
44-4203-26

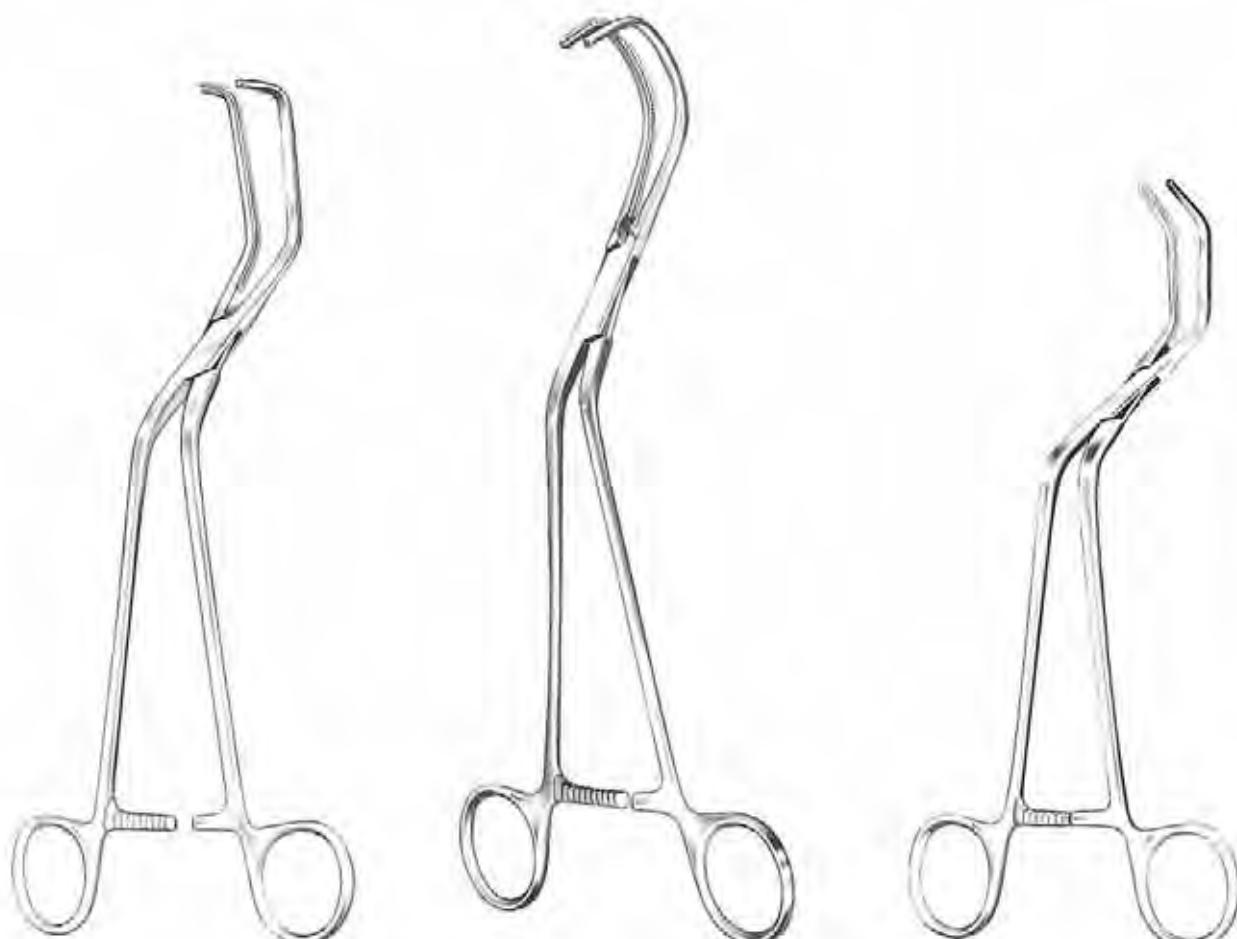
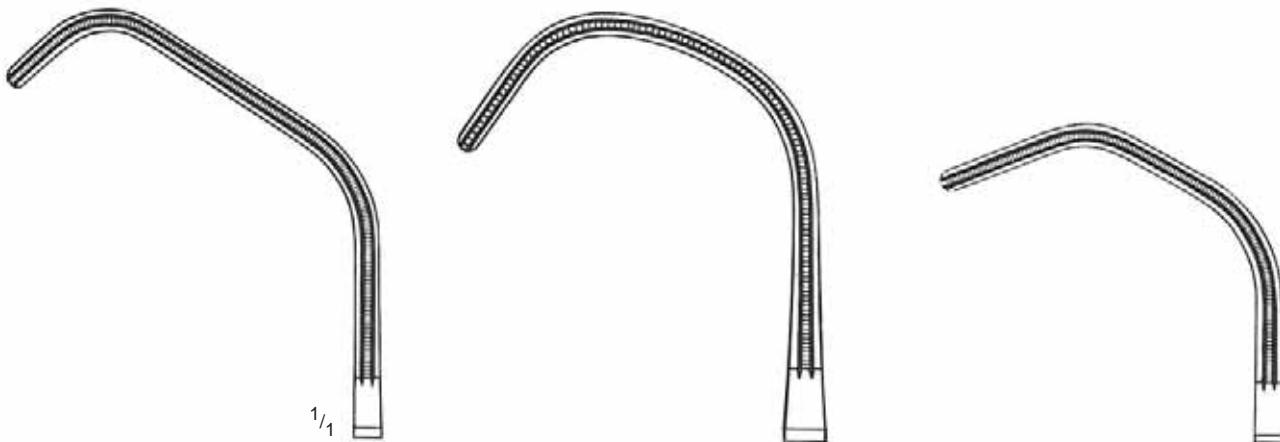


18,5 cm/7¹/₄"
44-4205-18

22 cm/8³/₄"
44-4205-22



Aortenklemmen
Aortic Forceps
Pinzas Aorticas
Pince 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



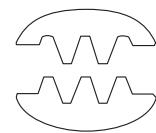
پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

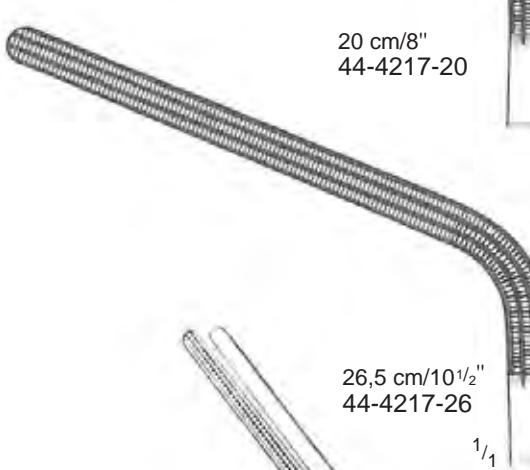
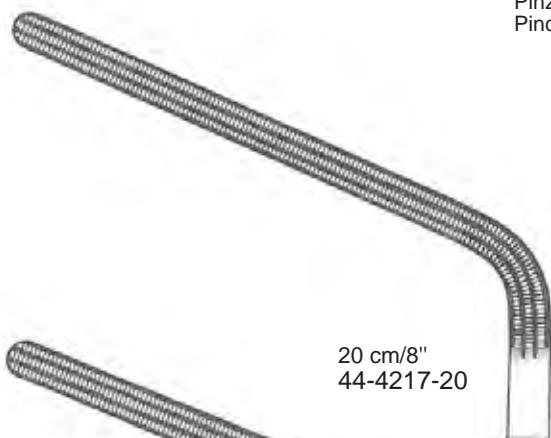


Aortenklemmen

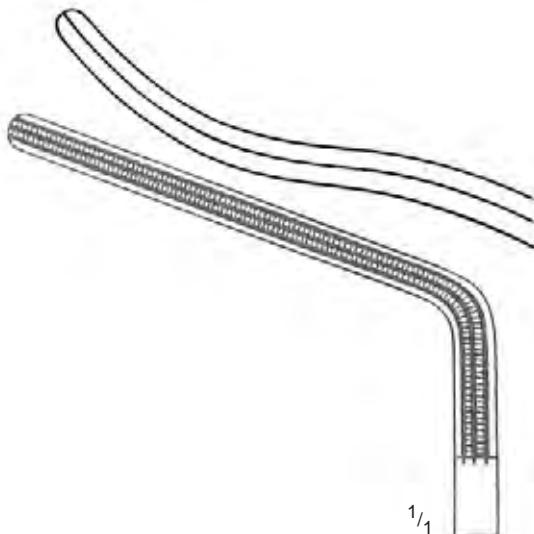
Aortic Forceps

Pinzas Aorticas

Pince à l'aorte



DeBakey-Morris



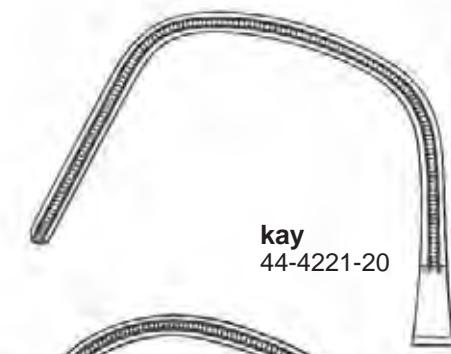
Aortenklemme, abgewinkelt, Maul löffelförmig gebogen
Aortic Forceps, angled, cup shaped jaw
Pinza Aortica, angulada, mandíbula en forma de copa
Pince à l'aorte, coudée, en forme de cuiller



DeBakey
27 cm/10 1/4"
44-4219-27



Aortenklemmen
Aortic Forceps
Pinzas Aorticas
Pince à l'aorte



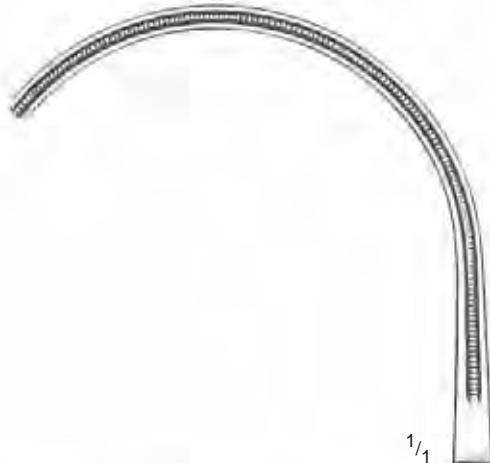
kay
44-4221-20



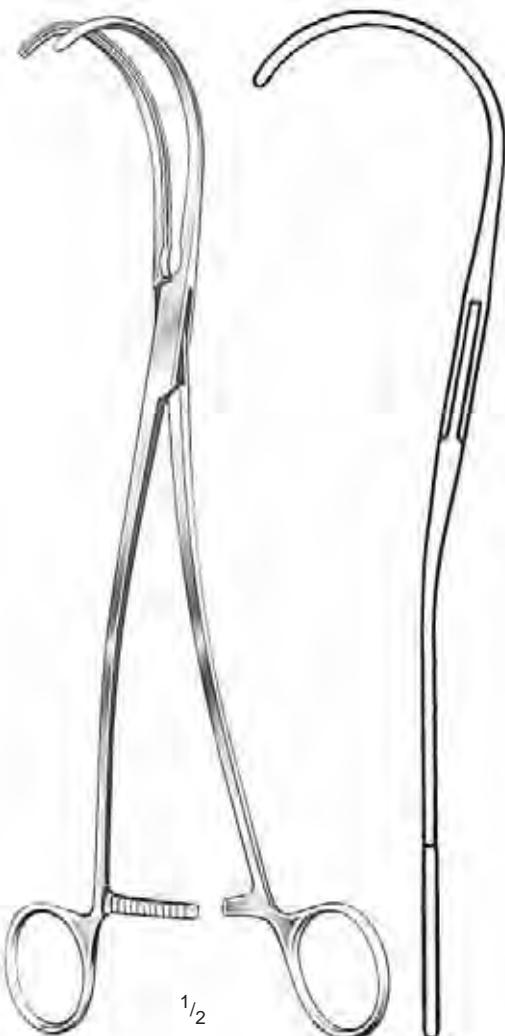
Lambert-kay
44-4221-21



Kay/Lambert-kay
20 cm/8"



$\frac{1}{1}$



DeBakey
26,5 cm/10 $\frac{1}{2}$ "
44-4223-26



پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

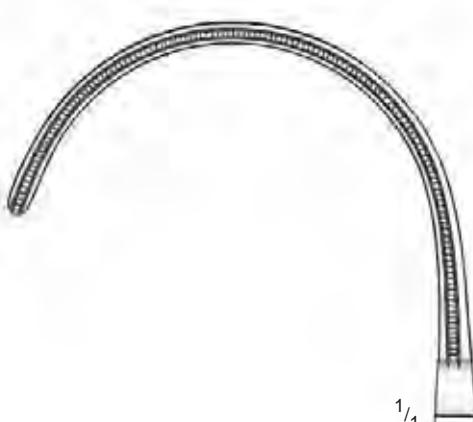
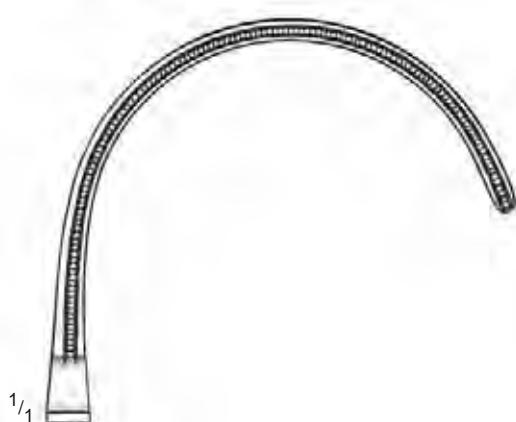


Aortenklemmen

Aortic Forceps

Pinzas Aorticas

Pince à l'aorte



Links
Left
izquierda
gauche

44-4225-26

Weber
26 cm/10^{1/4}"

rechts
right
derecha
droit

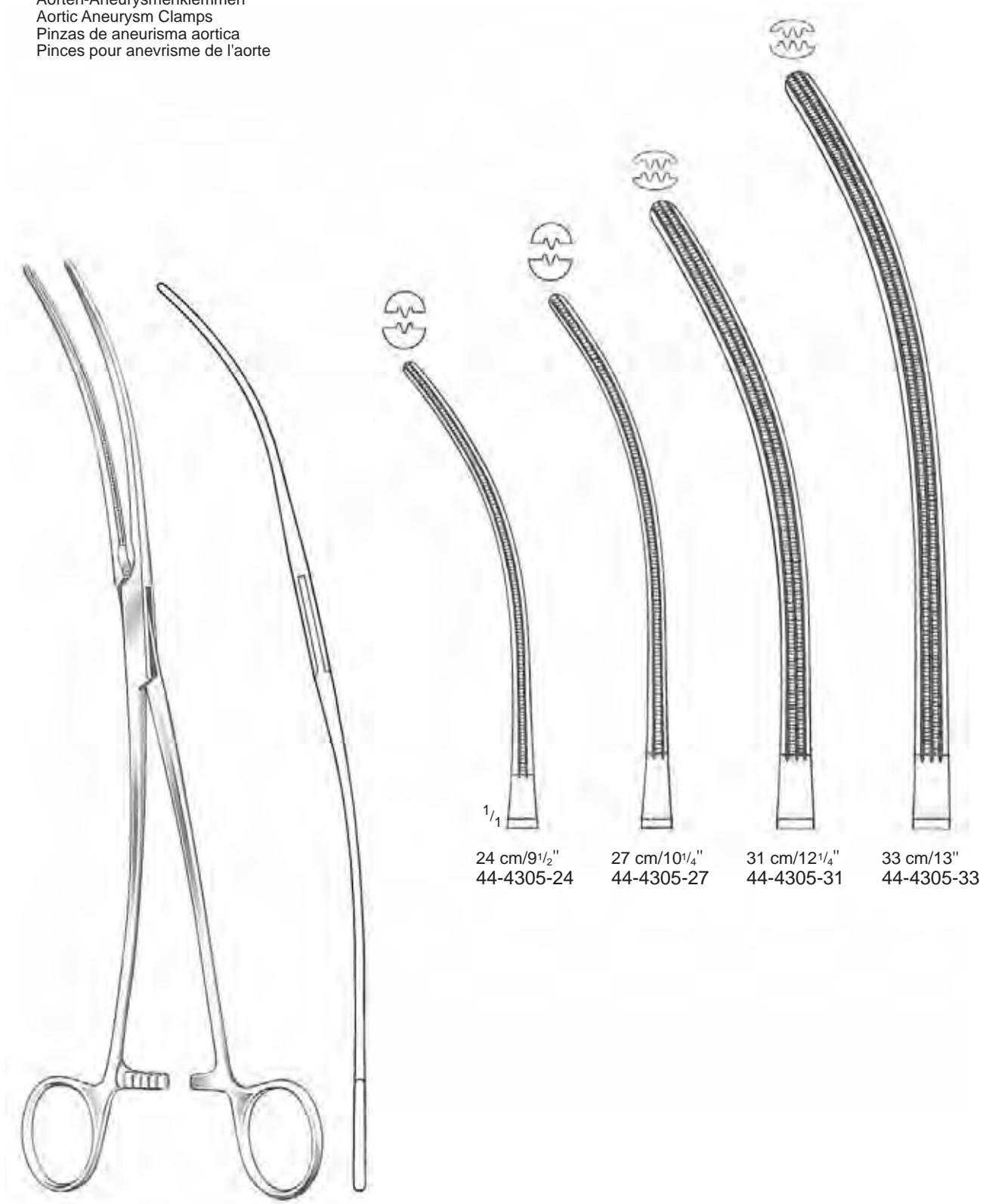
44-4226-26

Aorten-Aneurysmenklemmen

Aortic Aneurysm Clamps

Pinzas de aneurisma aortica

Pince pour anevrisme de l'aorte



DeBakey



پنس عروقی

Atrauma Gefäßklemmen
Atrauma Vascular Clamps
Pinzas vasculares con bocas Atrauma
pince vasculaires à mors Atrauma



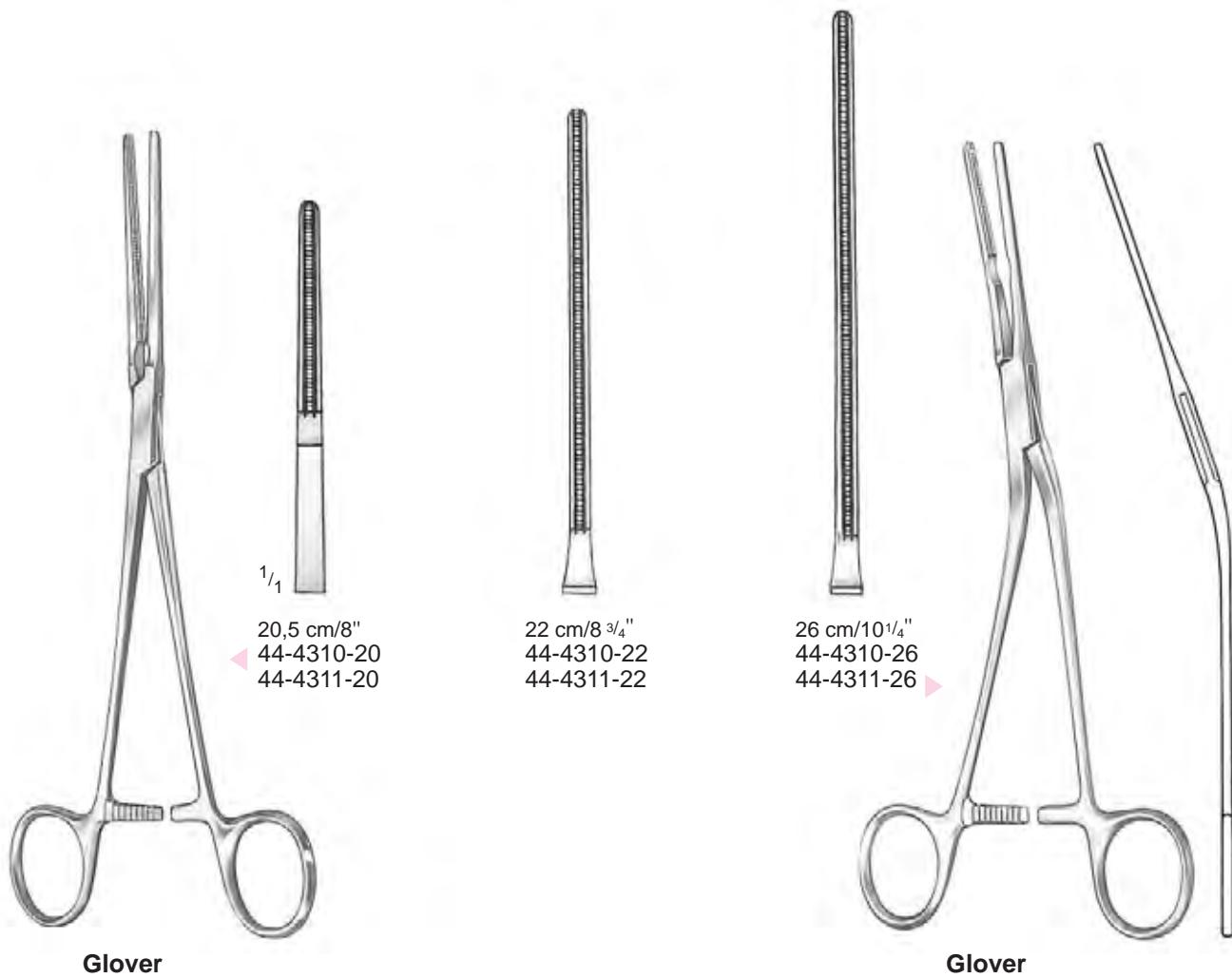
Aorten-Aneurysmenklemmen für Arteria iliaca
Aortic Aneurysm Clamps for iliac artery
Pinzas de aneurisma aortica para la arteria iliaca
Pince pour anevrisme de l'aorte et pour artère iliaque



DeBakey-Bahnsen



Patent-Duktusklemmen	Coarctationsklemmen
Patent Ductus Forceps	Coarctation Forceps
Pinzas para el ductus	Pinzas para coartación
Pinces pour canal artériel	Pinces à coarctation





پنس عروقی

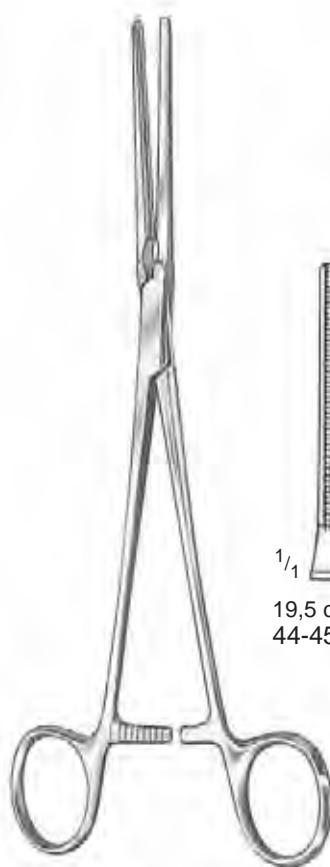
Atrauma Gefäßklemmen**Atrauma Vascular Clamps****Pinzas vasculares con bocas Atrauma****pince vasculaires à mors Atrauma**

Peripheralklemmen

Peripheral Vascular Forceps

Pinzas-clamps para vasos periféricos

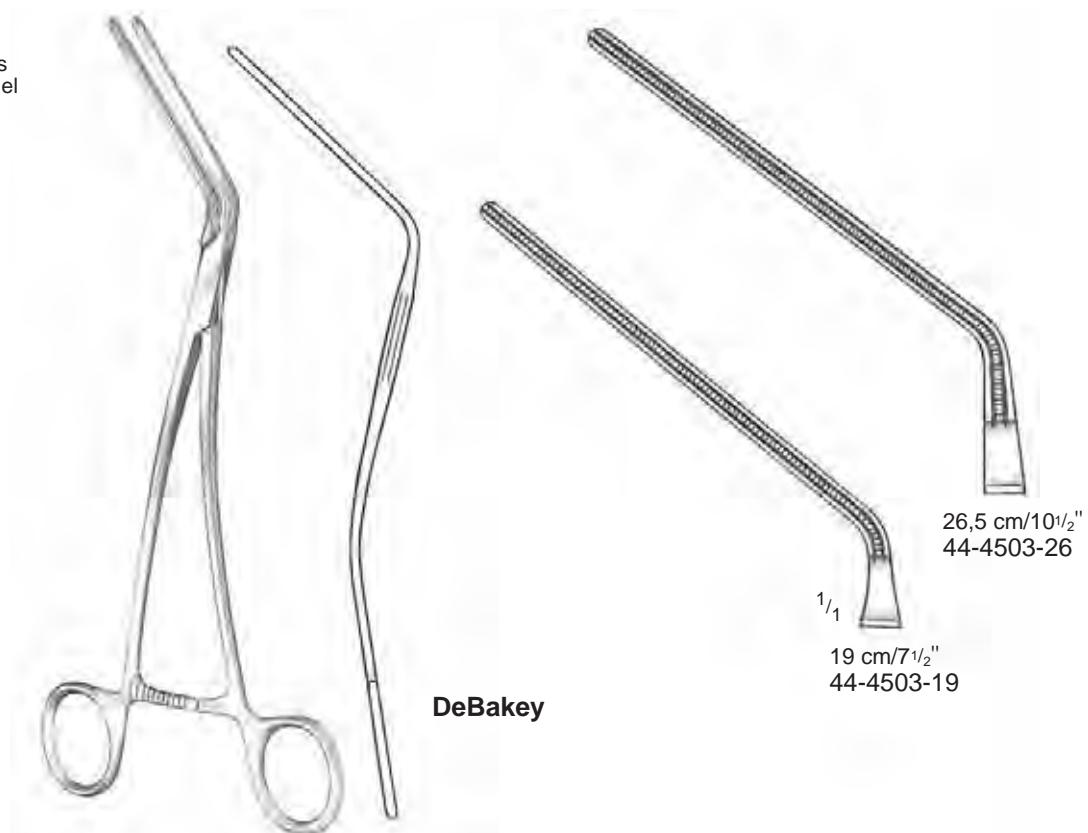
Pince pour vaisseaux périphériques



Auch Patent-Duktusklammern
Also Patent Ductus Forceps
También pinzas para el ductus
Aussi Pince pour canal artériel



DeBakey



DeBakey



Peripheralklemmen
Peripheral Vascular Forceps
Pinzas-clamps para vasos periféricos
Pince pour vaisseaux périphériques



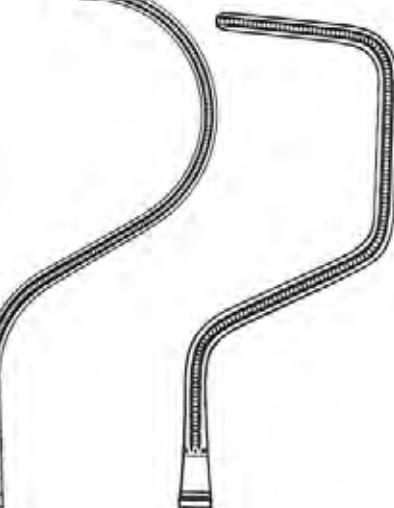
$1/1$
17 cm/6 $\frac{1}{2}$ "
44-4507-17



17,5 cm/7"
44-4507-18



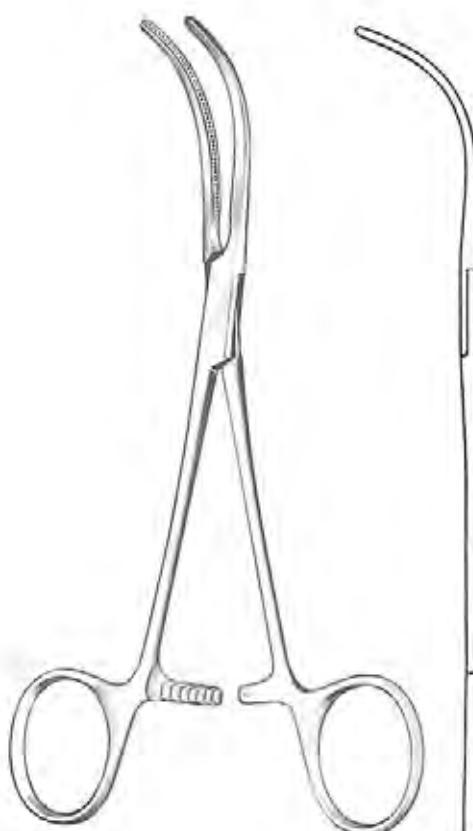
18,5 cm/7 $\frac{1}{4}$ "
44-4507-19



18,5 cm/7 $\frac{1}{4}$ "
44-4509-18

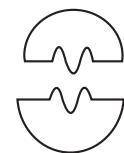


Dale



DeBakey
16 cm/6 $\frac{1}{4}$ "
44-4512-16

$1/1$



Peripheralklemmen
 Peripheral Vascular Forceps
 Pinzas-clamps para vasos periféricos
 Pince pour vaisseaux périphériques

Auch Aorta-Exklusionsklemme
 Also Aorta Exclusion Clamp
 También Pinza para exclusión de aorta
 Aussi Pince pour l'exclusion de l'aorte

1/1
 19 cm/7½"
 44-4514-19

20 cm/8"
 44-4514-20

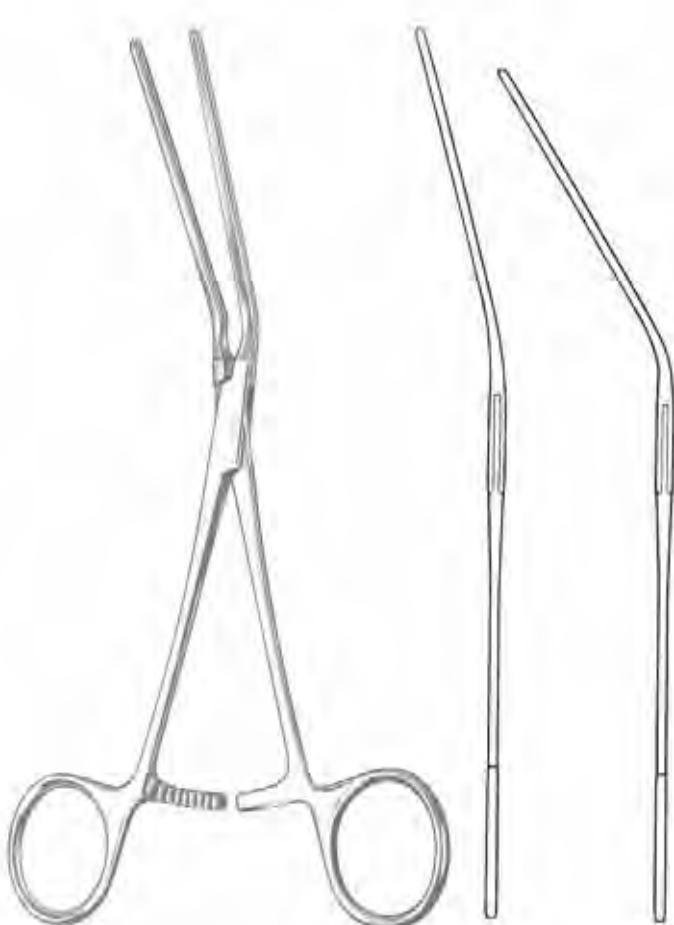
1/1
 19,5 cm/7¾"
 44-4516-19

19,5 cm/7¾"
 44-4518-20

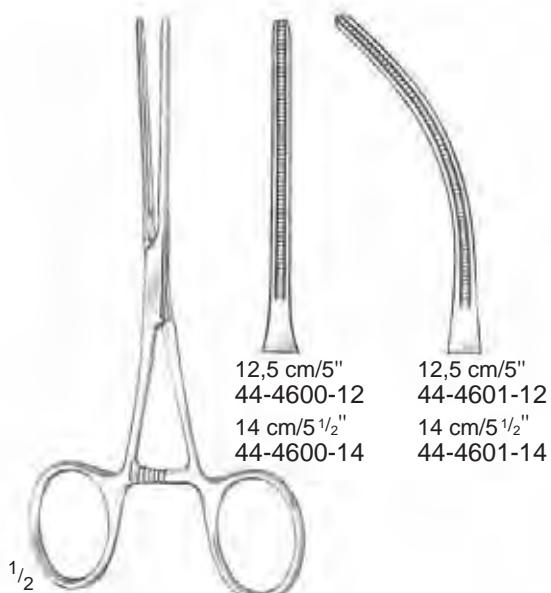
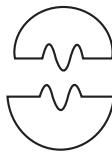
19,5 cm/7¾"
 44-4520-20



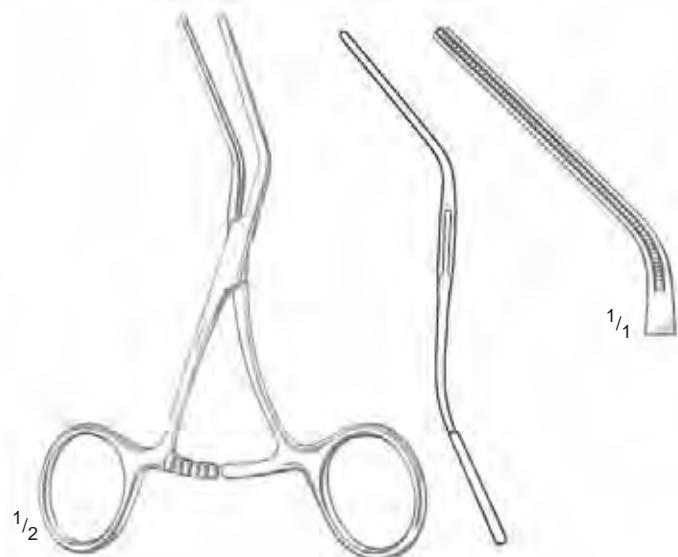
DeBakey



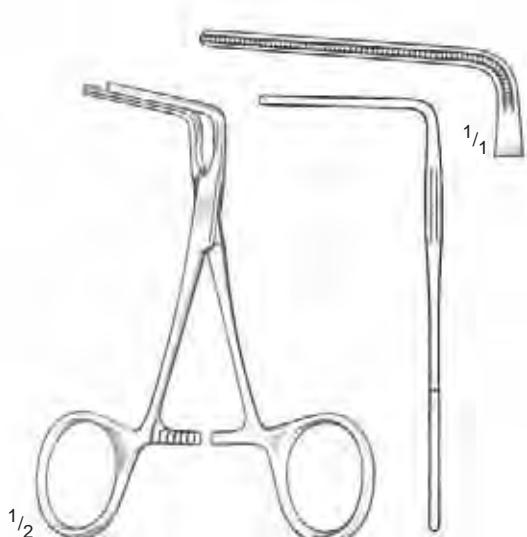
Leland-Jones



DeBakey



DeBakey
12,5 cm/5"
44-4603-12



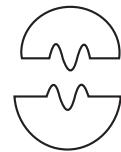
DeBakey
10 cm/4"
44-4605-10



DeBakey
12,5 cm/5" 44-4607-12
16 cm/6¼" 44-4607-16



پنس عروقی

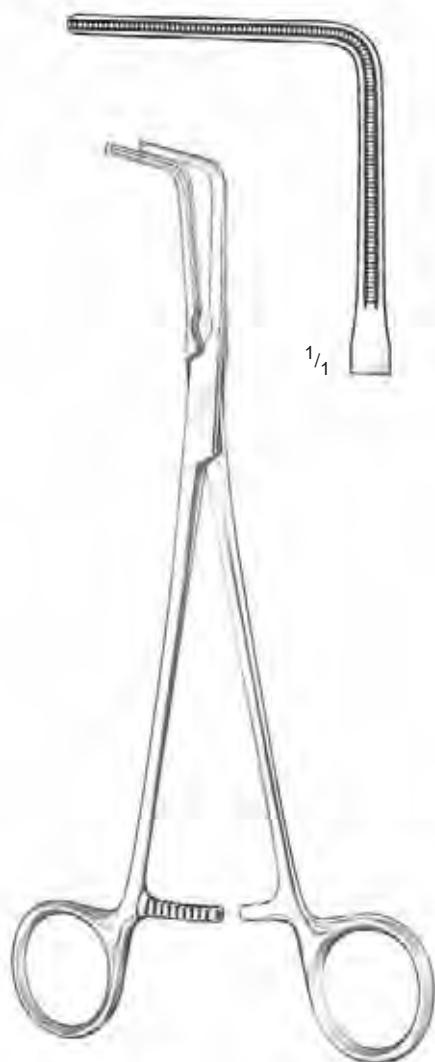
Atrauma Gefäßklemmen**Atrauma Vascular Clamps****Pinzas vasculares con bocas Atrauma****pince vasculaires à mors Atrauma**

Arterien- und Bronchusklemmen

Artery and Bronchus Forceps

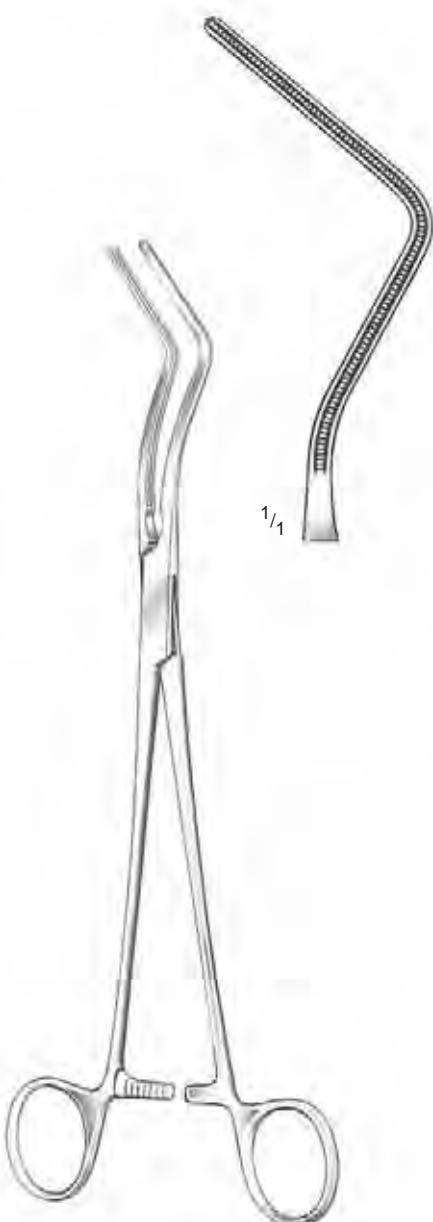
Pinzas hemostáticas y pinzas para bronquios

Pince hémostatiques et pinces bronchiques

**Lees**

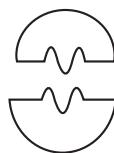
23 cm/9"

44-4610-23

**Lees**

25 cm/10"

44-4612-25



Mehrzweckklemmen, 60° abgewinkelt

Multi Purpose Forceps, angled 60°

Pinzas de multiple propósito, angulada 60°

Pinces pour application universelle, mors coudés à 60°



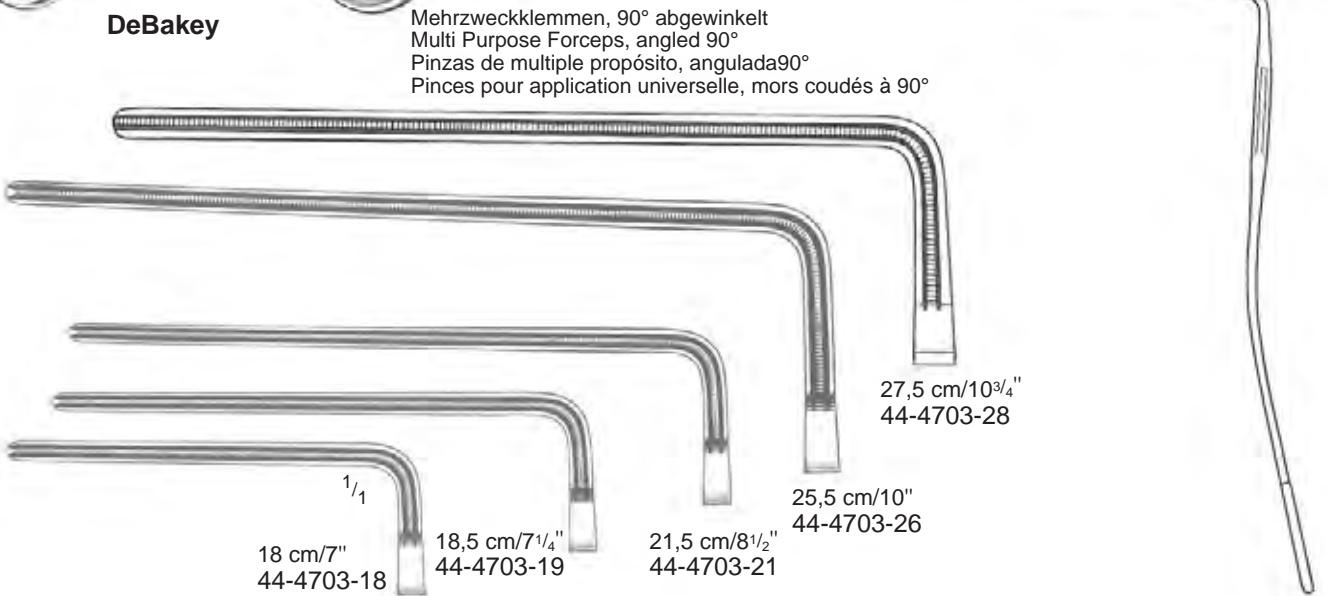
DeBakey

Mehrzweckklemmen, 90° abgewinkelt

Multi Purpose Forceps, angled 90°

Pinzas de multiple propósito, angulada 90°

Pinces pour application universelle, mors coudés à 90°



^{1/1}
18 cm/7"
44-4703-18

18,5 cm/7¹/₄"
44-4703-19

21,5 cm/8¹/₂"
44-4703-21

27,5 cm/10³/₄"
44-4703-28

25,5 cm/10"
44-4703-26



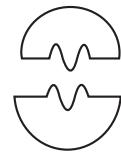
پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

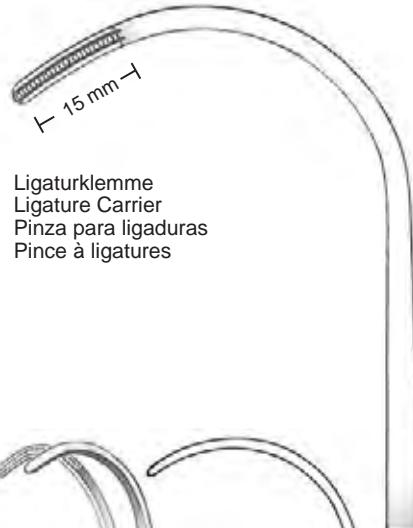


Präparier- und Ligaturklemmen

Dissecting and Ligature Forceps

Pinzas para preparaciones y para ligaduras

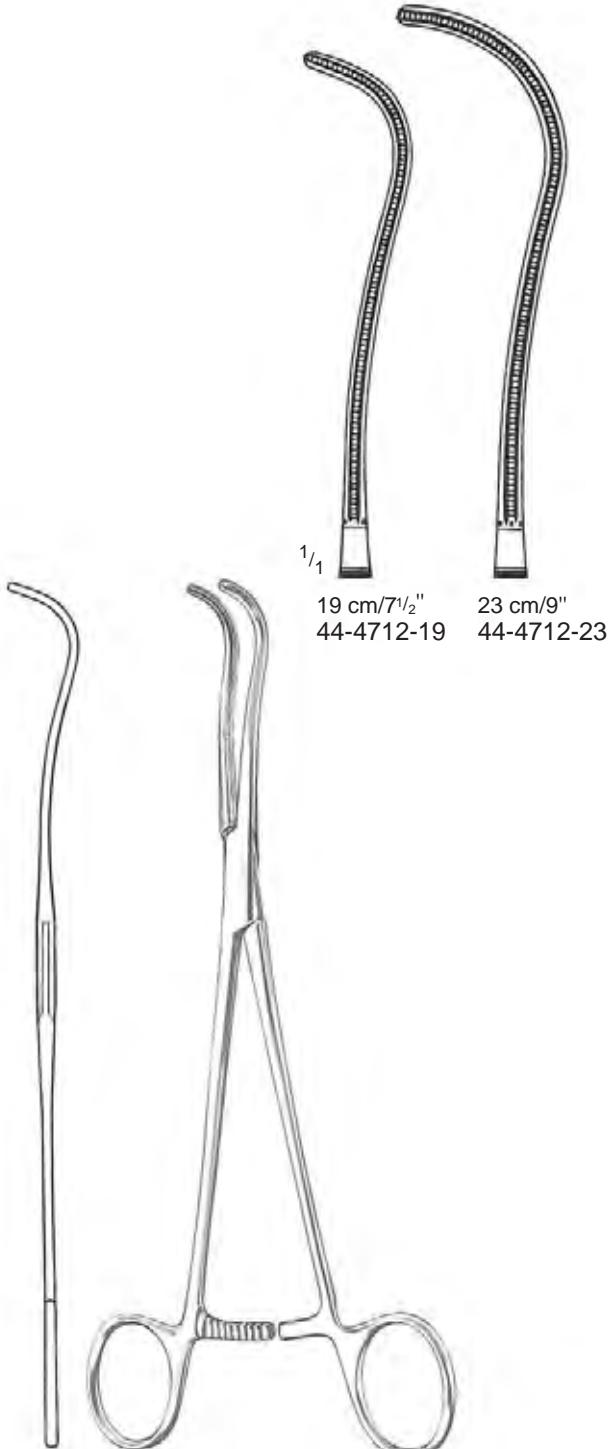
Pince à dissection et à ligatures



Ligaturklemme
Ligature Carrier
Pinza para ligaduras
Pince à ligatures



DeBakey-Semb
25 cm/10"
44-4710-25



DeBakey

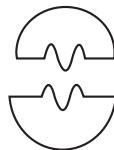
پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

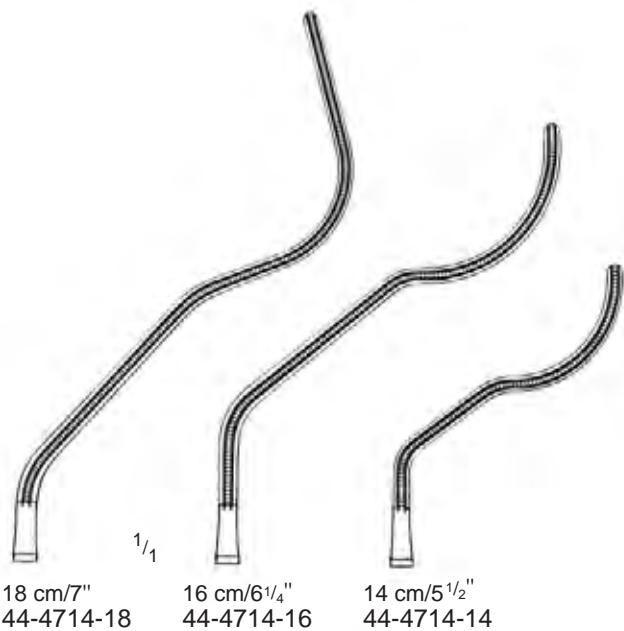
Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

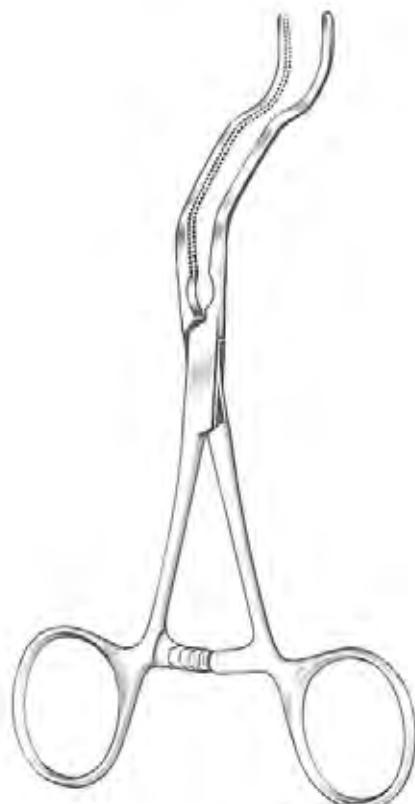
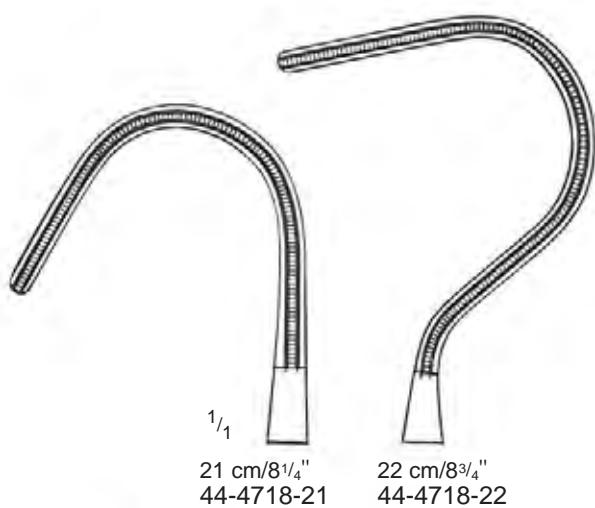


44

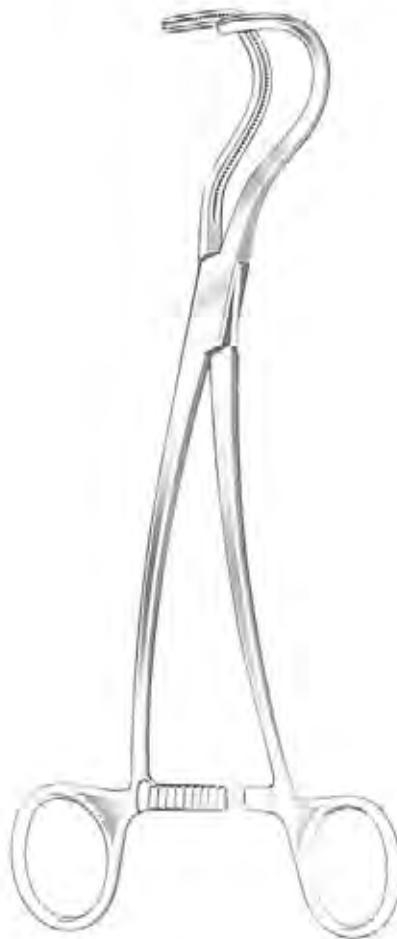
Profundaklemmen
Profunda Clamps



Tangential-Verschlußklemmen
Tangential Occlusion Forceps
Pinzas tangentes de oclusión
Pince vasculaires pour occlusion tangentielle



Gregory



Wylie "J"



پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

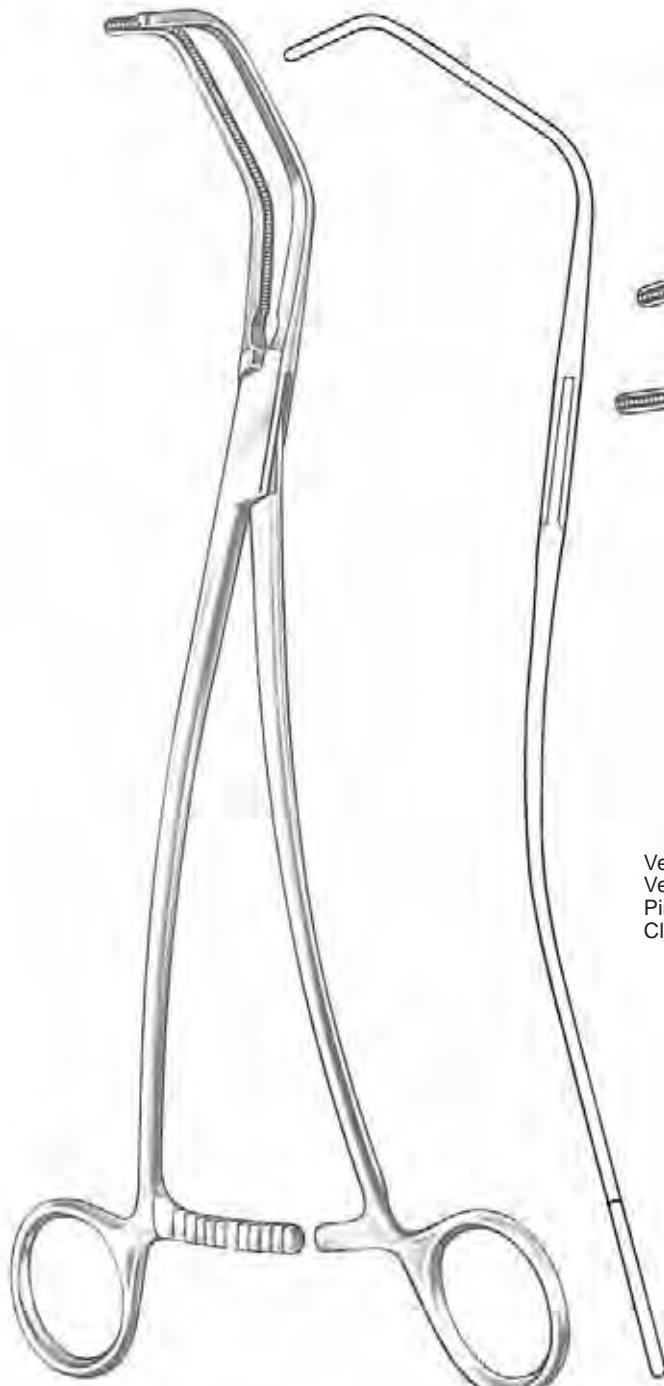


Tangential-Verschlußklemmen

Tangential Occlusion Forceps

Pinzas tangentes de oclusión

Pince vasculaires pour occlusion tangentielle



DeBakey

20 cm/8"
44-4720-20

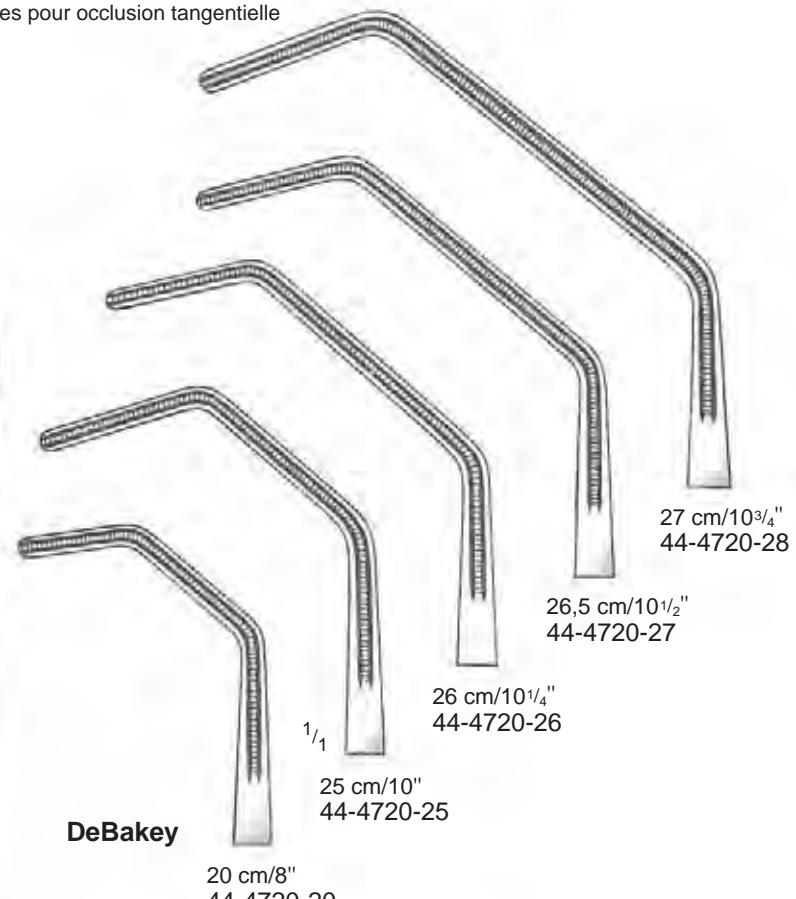
Vena cava-Klemmen
Vena cava Clamps
Pinzas para la vena cava
Clamps pour veine cave

DeBakey-Satinsky

23,5 cm/9¹/₄"
44-4801-23

24 cm/9¹/₂"
44-4801-24

24,5 cm/9³/₄"
44-4801-25



25 cm/10"
44-4720-25

1/1
26 cm/10¹/₄"
44-4720-26

26,5 cm/10¹/₂"
44-4720-27

27 cm/10³/₄"
44-4720-28



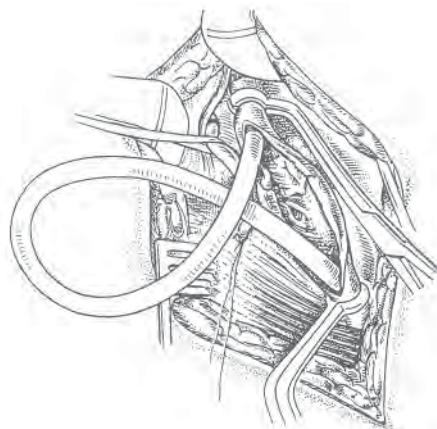
De Bakey
27 cm/10^{3/4}"
44-5001-27



De Bakey
24,5 cm/9^{3/4}"
44-5003-25



کلمپ کاروتید
Carotis-Shuntklemmen
Carotid Shunt Clamps
Pinzas para shunt carótido
Pince pour carotide



Javid
17,5 cm/7"
44-5005-18



Javid
18 cm/7"
44-5007-18

پنس عروقی

Peripheral-Gefäßklemmen

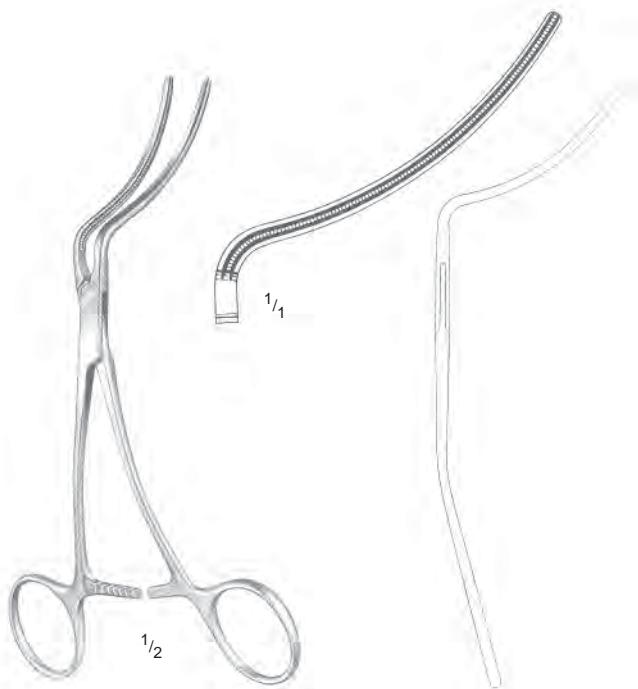
Peripheral Vascular Clamps

Pinzas para vasos periféricos

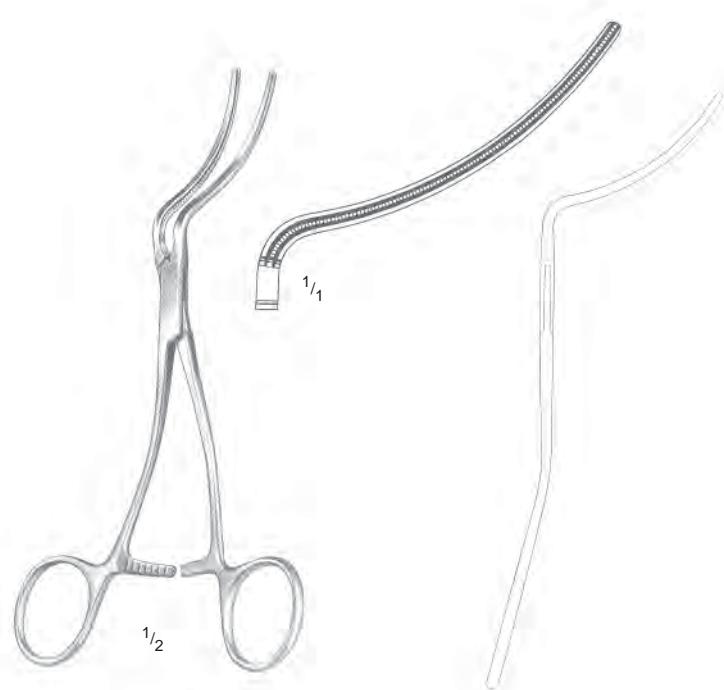
Pinces-clamps vasculaires périphériques



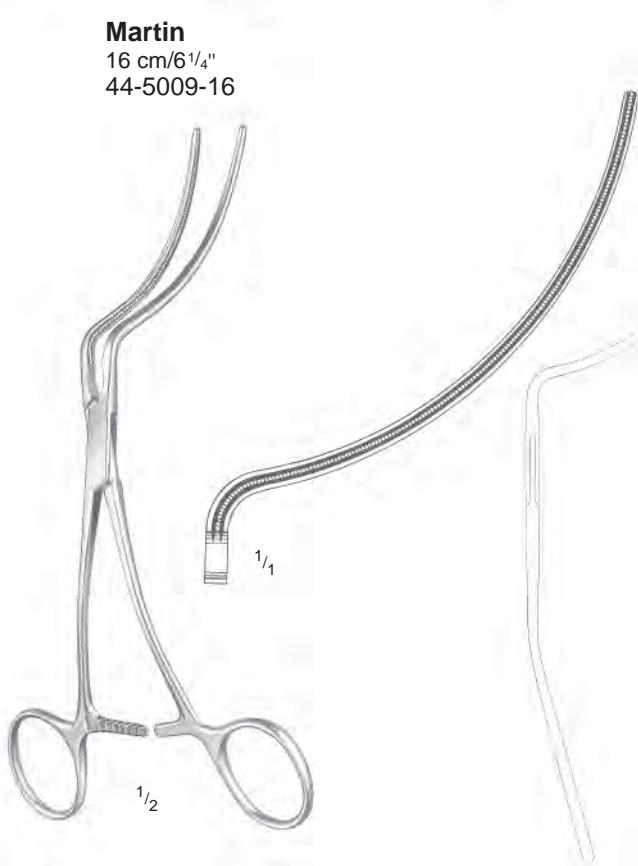
44



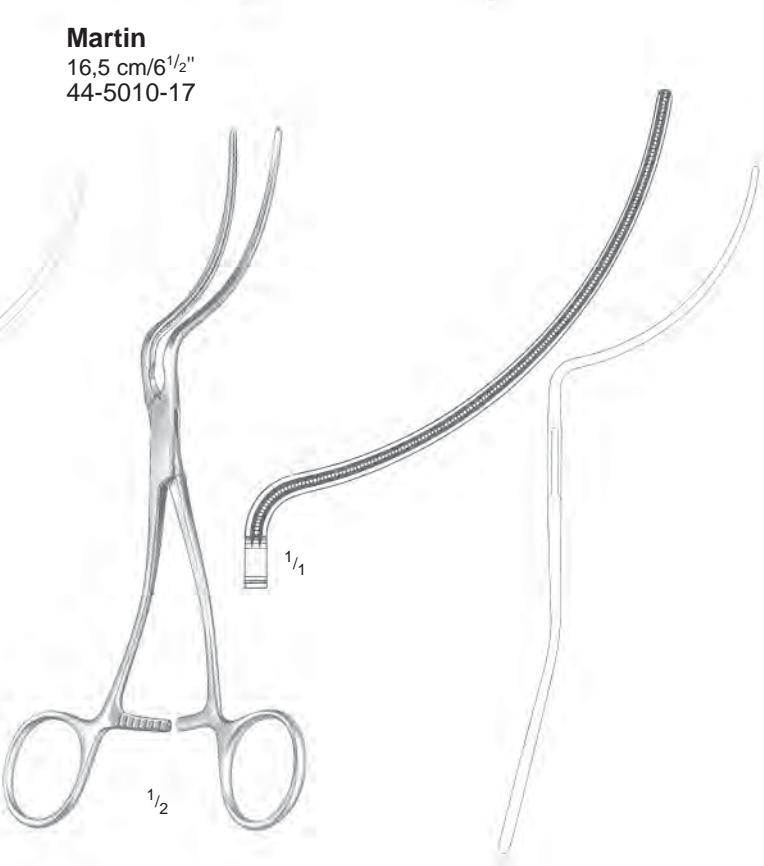
Martin
16 cm/6 $\frac{1}{4}$ "
44-5009-16



Martin
16,5 cm/6 $\frac{1}{2}$ "
44-5010-17



Martin
18 cm/7"
44-5012-18



Martin
19,5 cm/7 $\frac{3}{4}$ "
44-5014-20



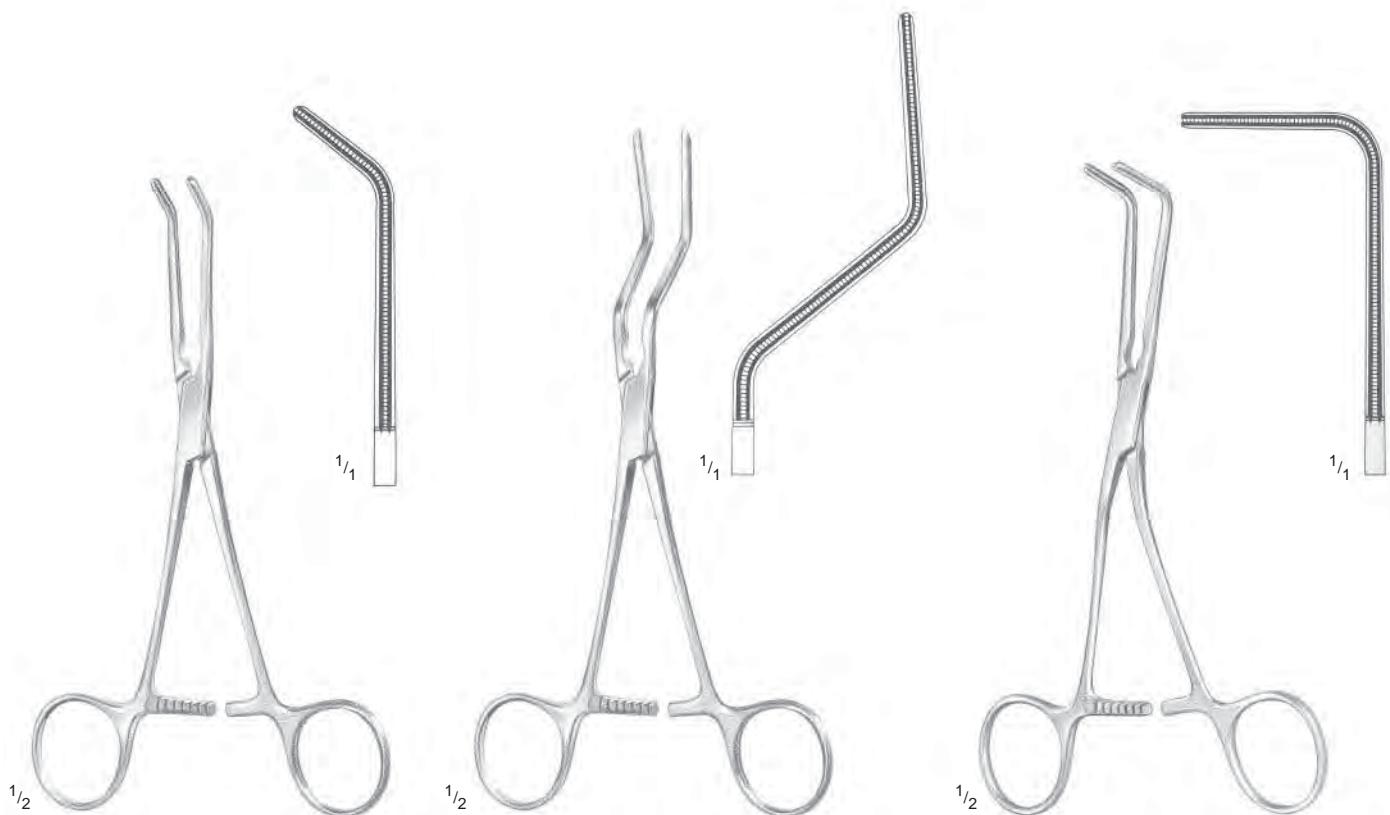
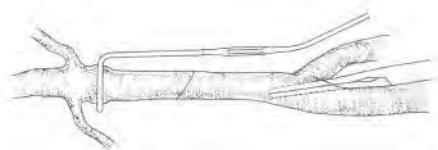
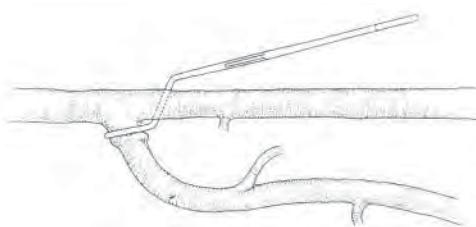
پنس عروقی

Peripheral-Gefäßklemmen

Peripheral Vascular Clamps

Pinzas para vasos periféricos

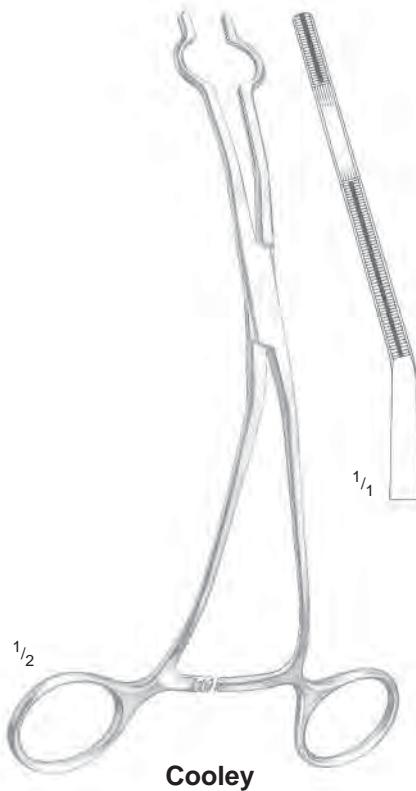
Pince-clamps vasculaires périphériques



Husfeldt
17,5 cm/7"
44-5016-18

Husfeldt
18 cm/7"
44-5018-18

Husfeldt
17 cm/6^{3/4}"
44-5020-17



16 cm/6 1/4"
24 charr
44-5022-01

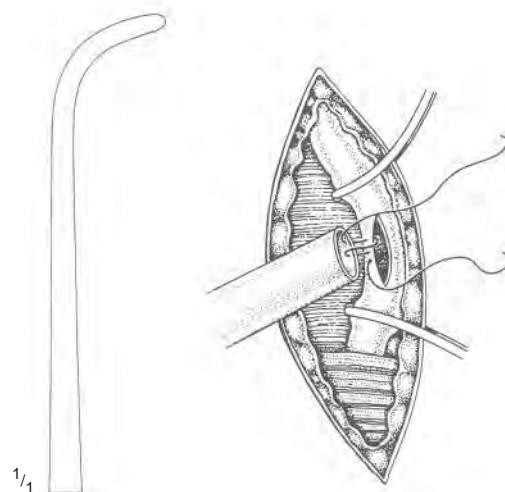
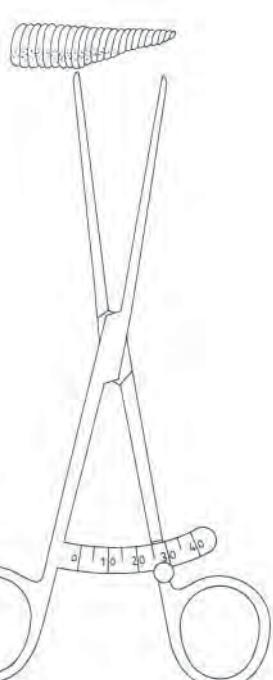
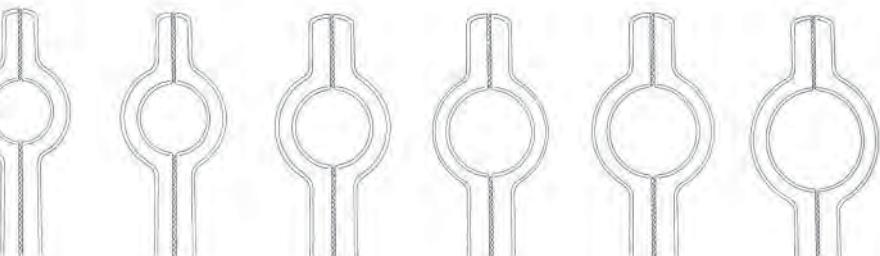
16 cm/6 1/4"
26 charr
44-5022-02

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



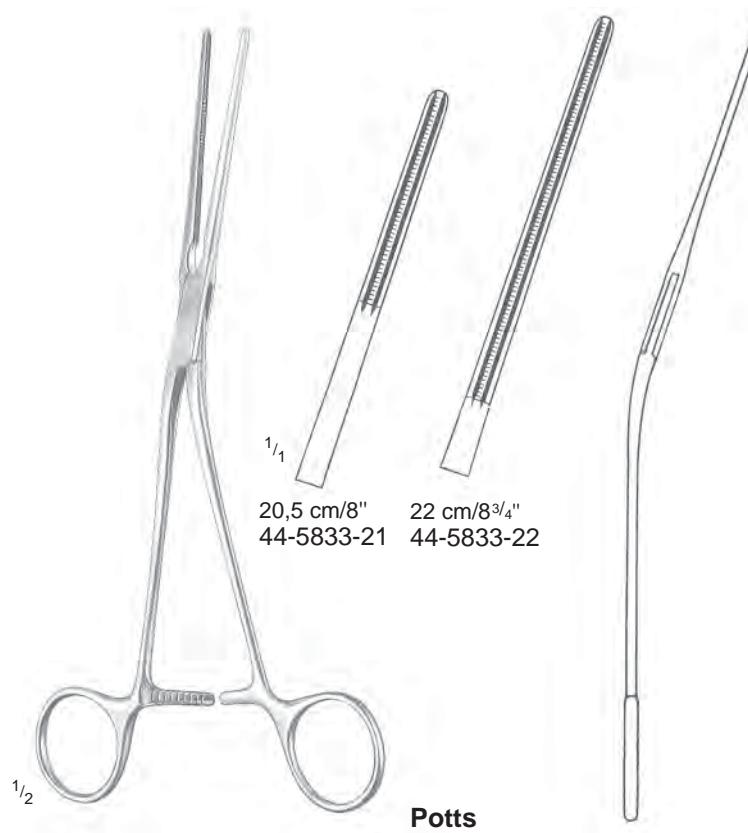
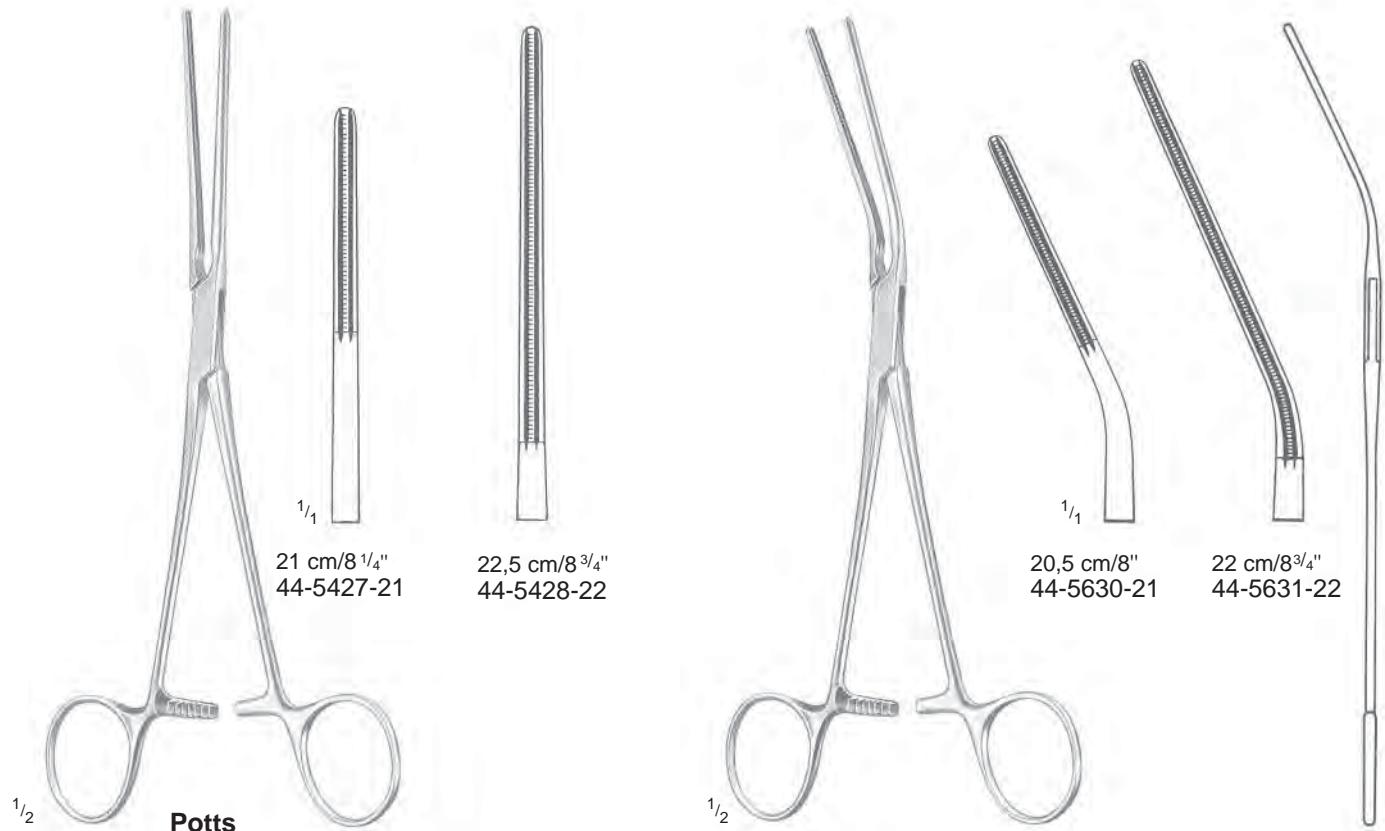
17 cm/6 3/4"
44-5225-17

Gefäß-Messzirkel
Vascular Measuring Device
Compas para medir vasos
Compas pour mesurer la
longueur des vaisseaux
Pinza vascolare compasso

Martin



Coarctationsklemmen
Coarctation Clamps
Pinzas para coarctación
Pince-Clamps pour coarctation



کلمپ کاروتید

Aorta-Aneurysmakklemmen

Aortic Aneurysm Clamps

Pinzas para aneurisma de aórtica

Pincers-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

Pince à ligatures, Pinces-Clamps pour aorte



De Bakey

27 cm/10 1/2"

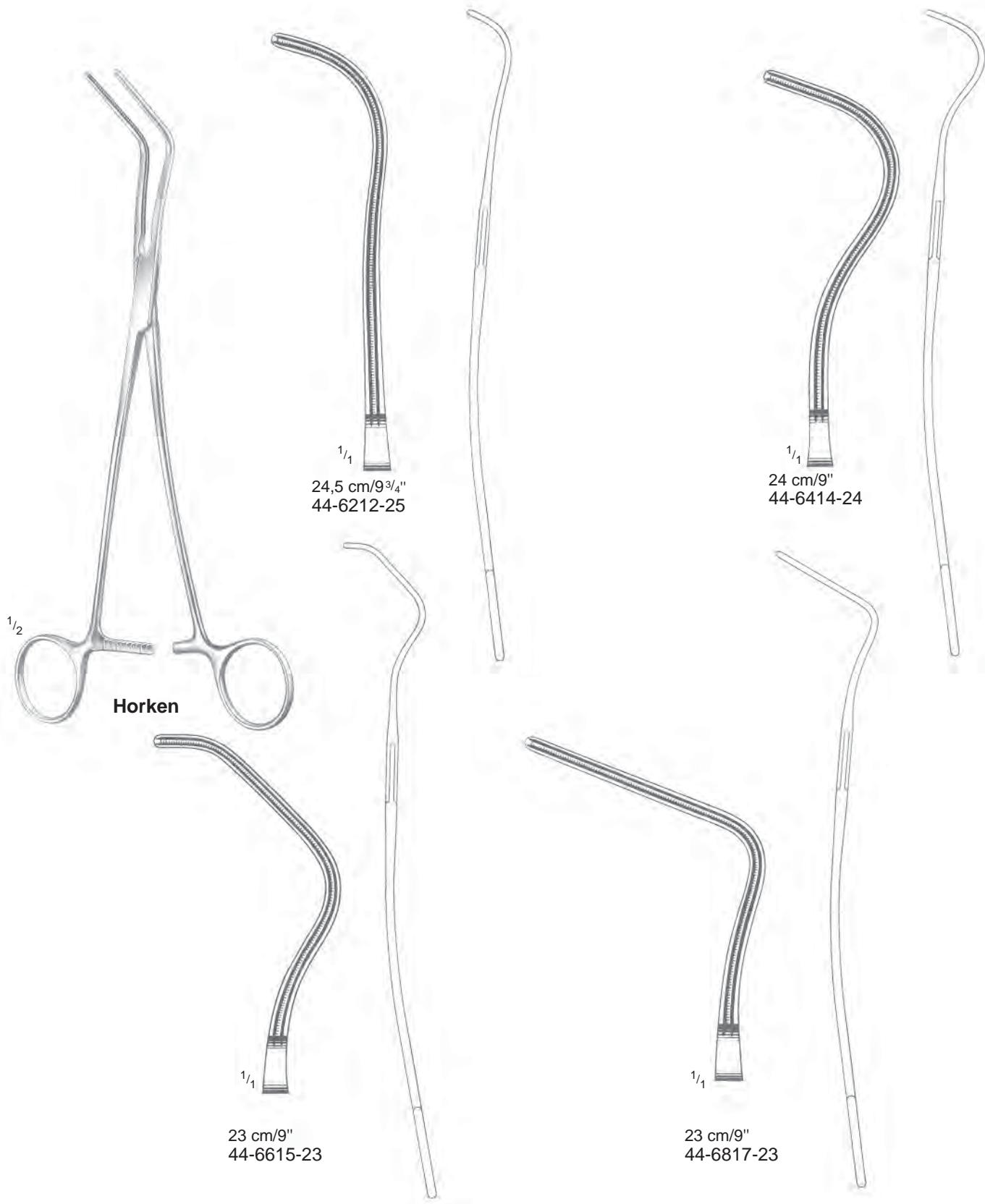
44-6008-27



De Bakey

27 cm/10 1/2"

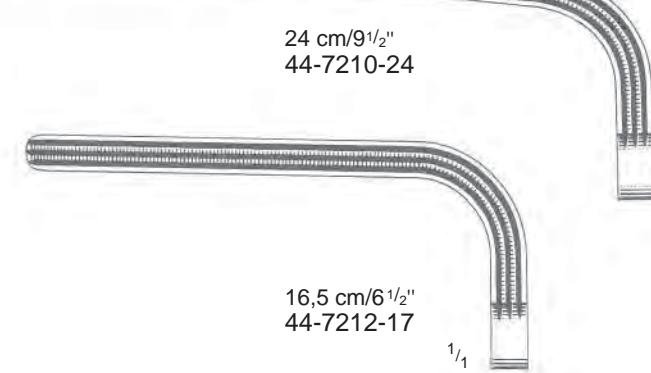
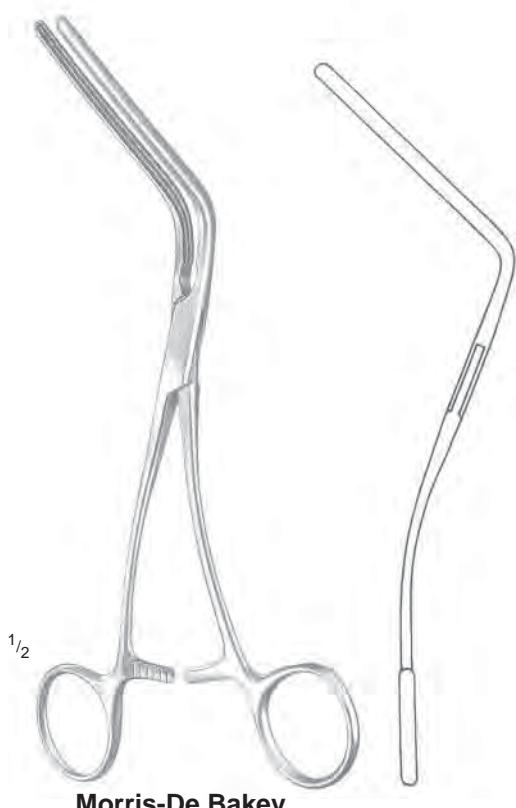
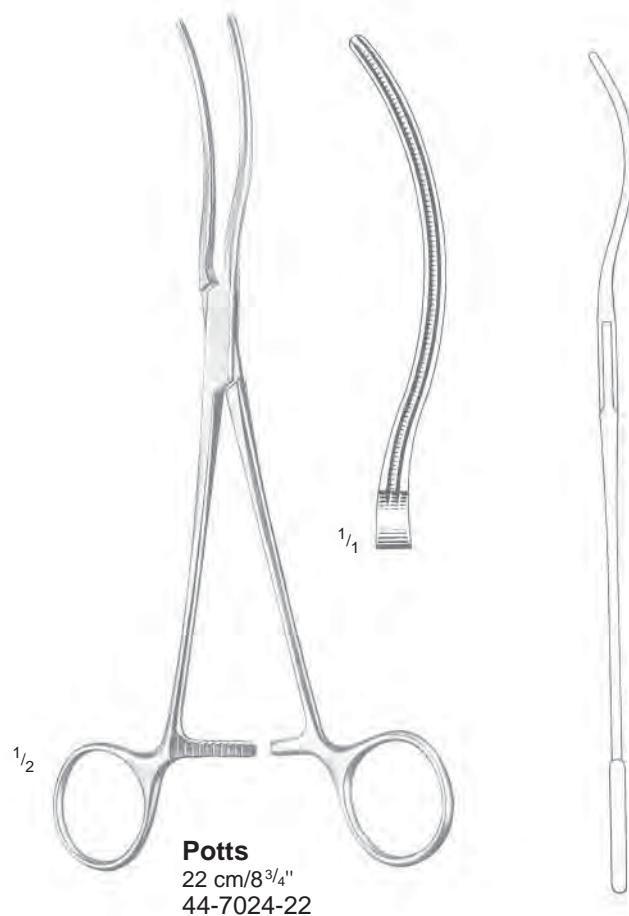
44-6010-27

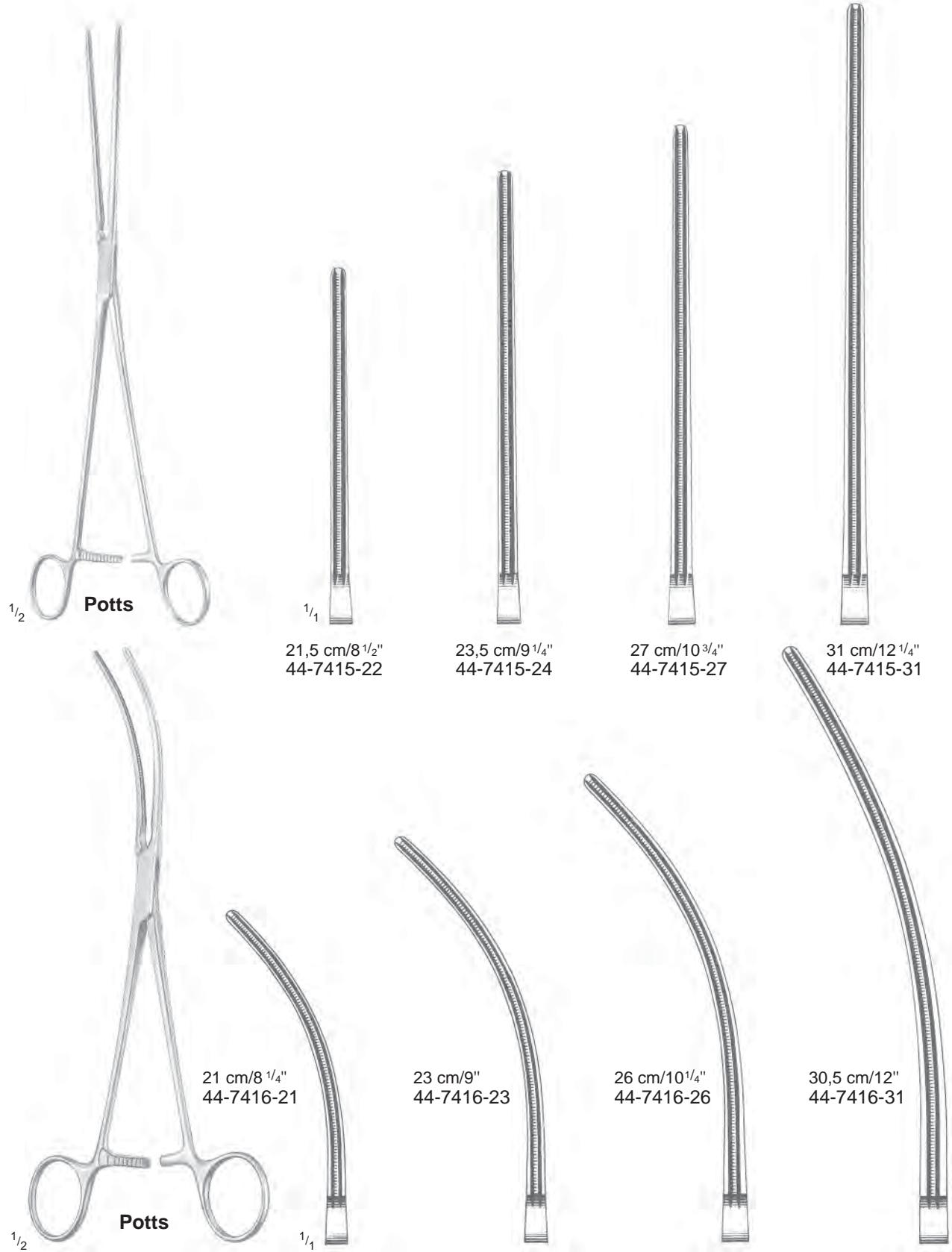




Anastomosenklemmen
Anastomosis Clamps
Pinzas para anastomosis
Pinces-clamps à anastomose

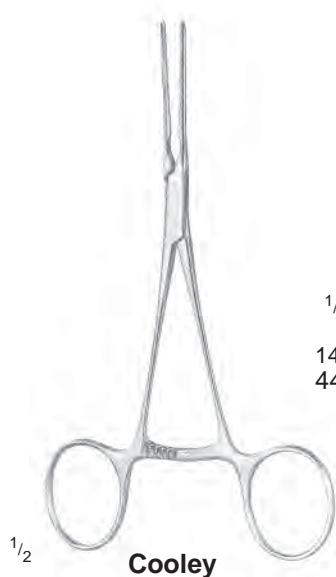
Aortaklemmen
Aortic Clamps
Pinzas aórticas
Pinces-clamps pour aorte







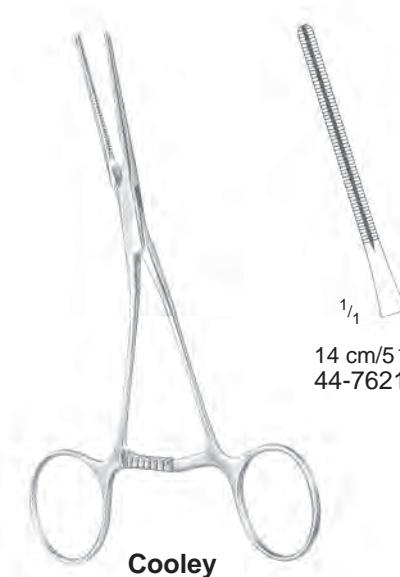
كلمپ عروقی اطفال
Kinder-Gefäßklemmen
Pediatric Vascular Clamps
Pinzas vasculares pediátricas
Pince vasculaires pédiatriques



$1/2$
14,5 cm/5 $\frac{3}{4}$ "
44-7618-15



$1/1$
14,5 cm/5 $\frac{3}{4}$ "
44-7619-15



$1/2$
14 cm/5 $\frac{1}{2}$ "
44-7621-14



$1/1$
14 cm/5 $\frac{1}{2}$ "
44-7623-14



$1/2$
14 cm/5 $\frac{1}{2}$ "
44-7625-15



كلمپ عروقی اطفال

Kinder-Gefäßklemmen

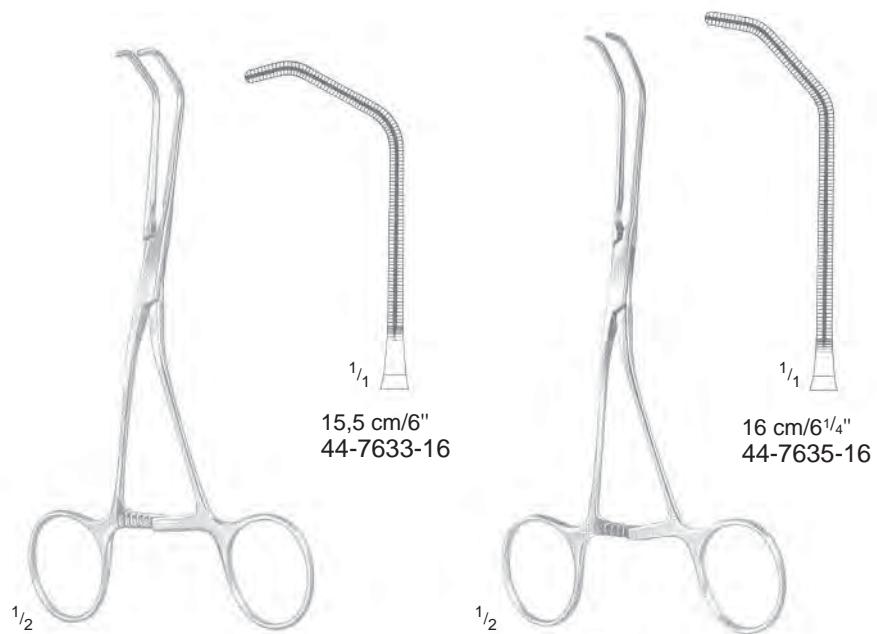
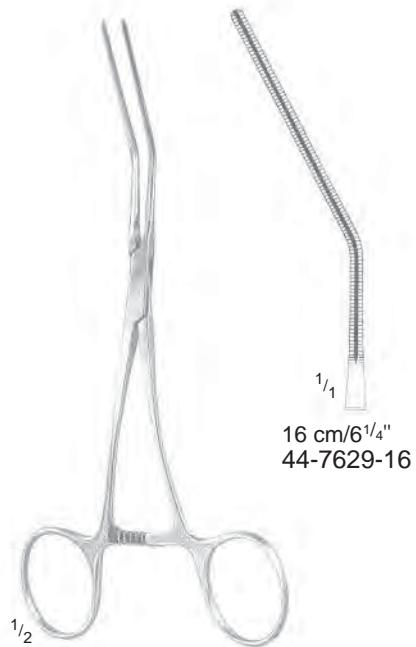
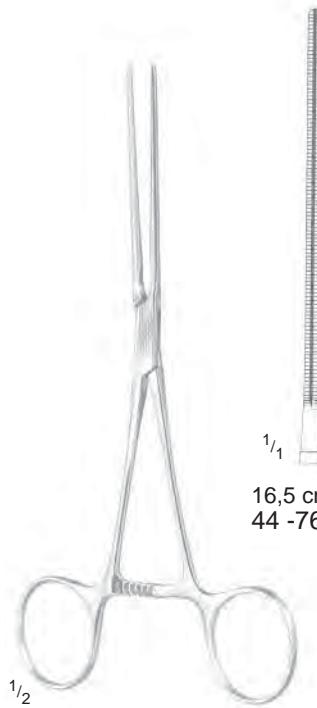
Pediatric Vascular Clamps

Pinzas vasculares pediátricas

Pince vasculaires pédiatriques

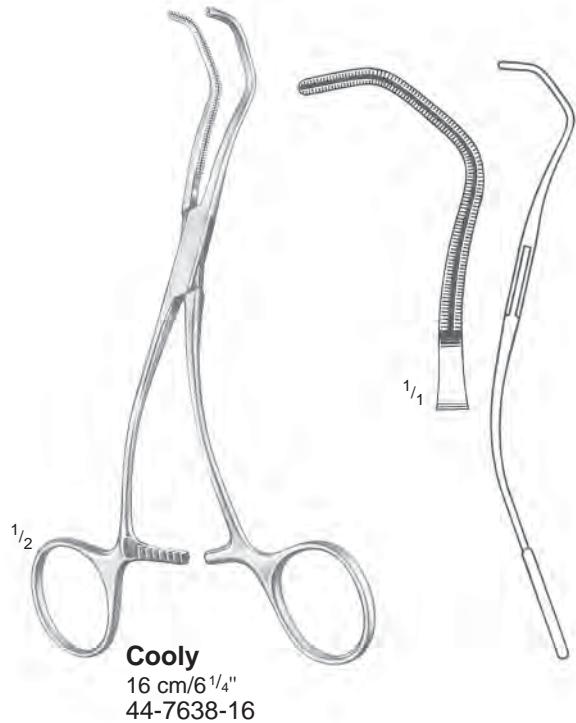
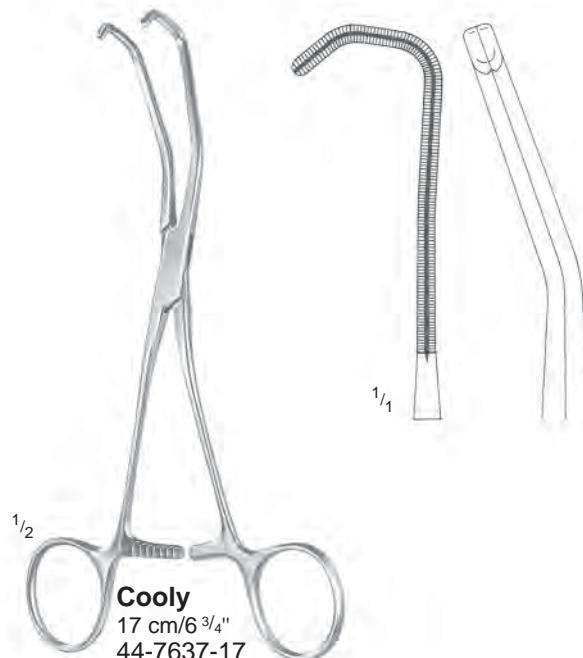


44





Anastomosenklemmen
Anastomosis Clamps
Pinzas para anastomosis
Pince-clamps pour anastomose



Iliaklemme
Iliac Clamp
Pinza Para iliaca
Pince-clamps iliaque



كلمپ عروقی اطفال

Kinder-Gefäßklemmen

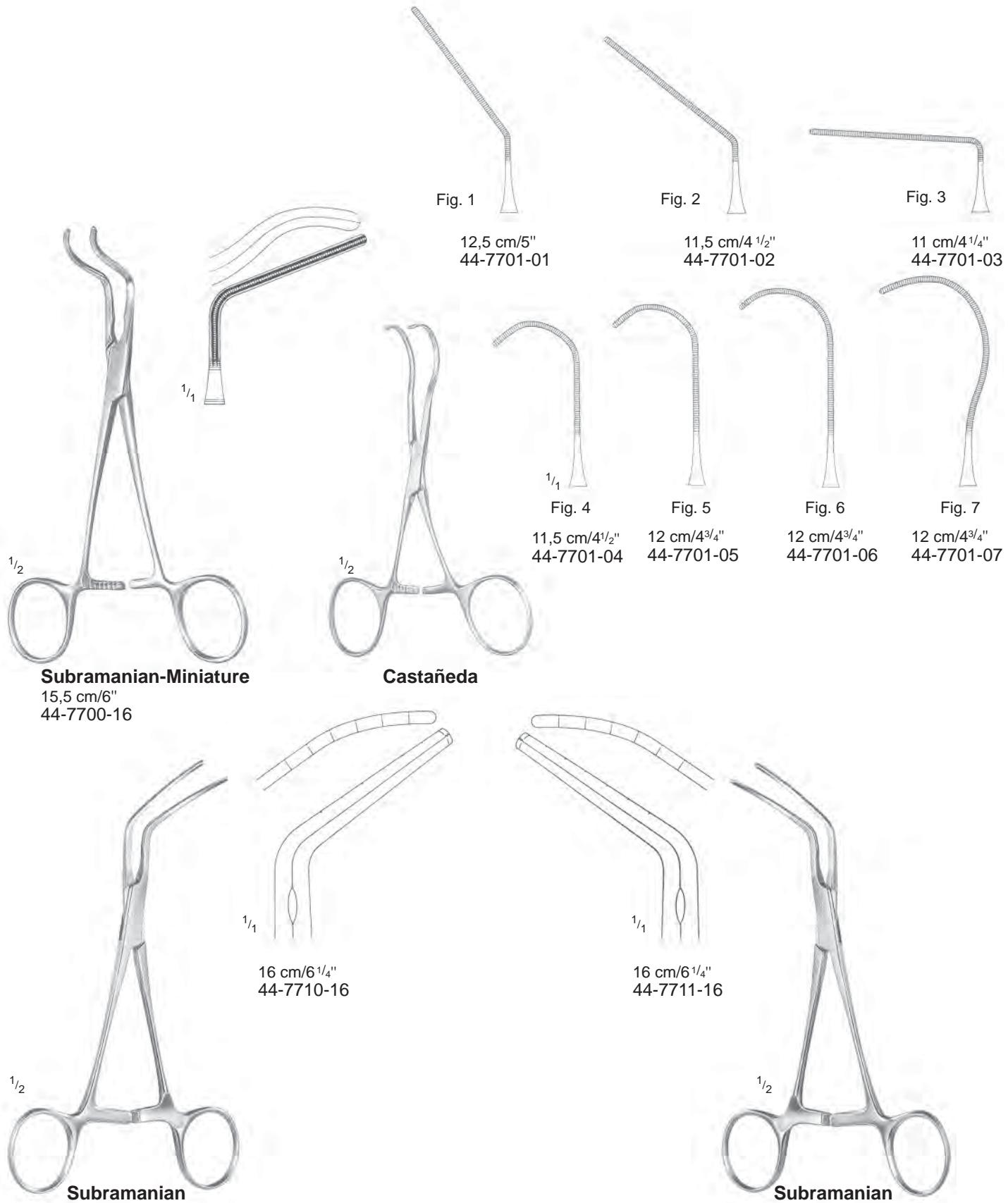
Pediatric Vascular Clamps

Pinzas vasculares pediátricas

Pince vasculaires pédiatriques



44





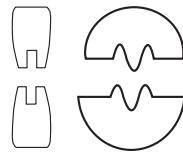
پنس عروقی طریف

Atrauma Gefäßklemmen

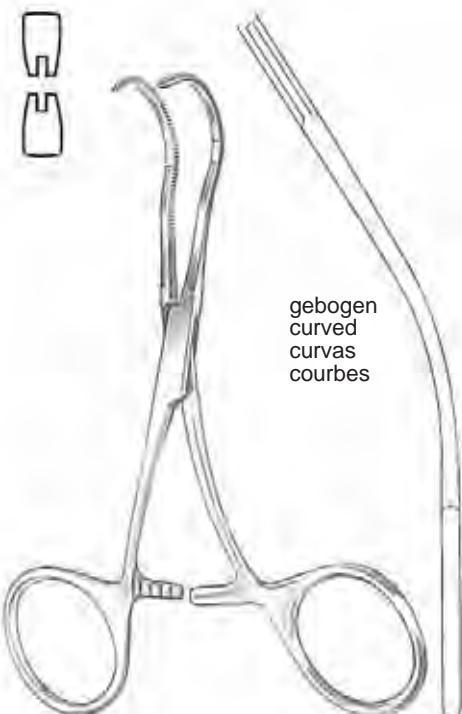
Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma



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

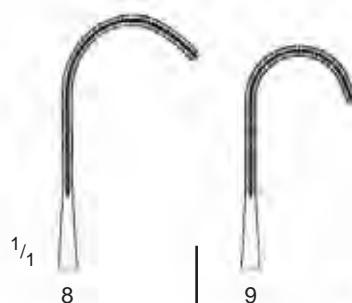
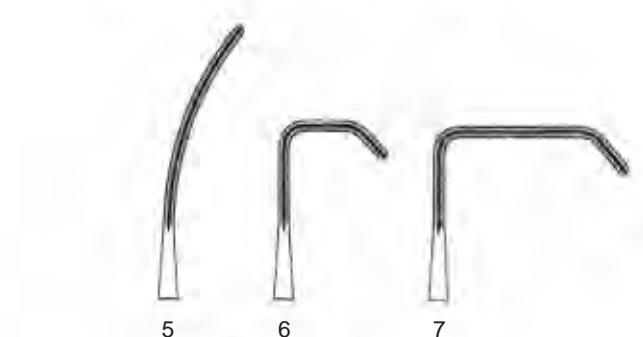
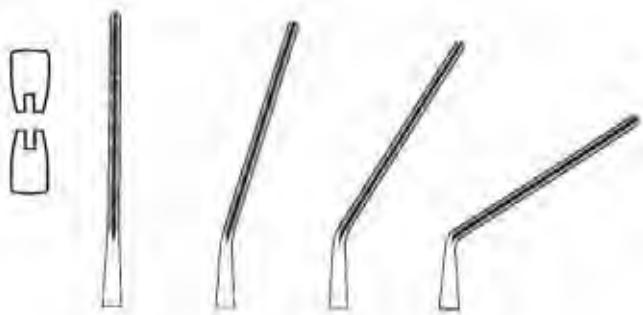
5 13,5 cm/5 1/4"
44-7713-05

6 12,5 cm/5"
44-7713-06

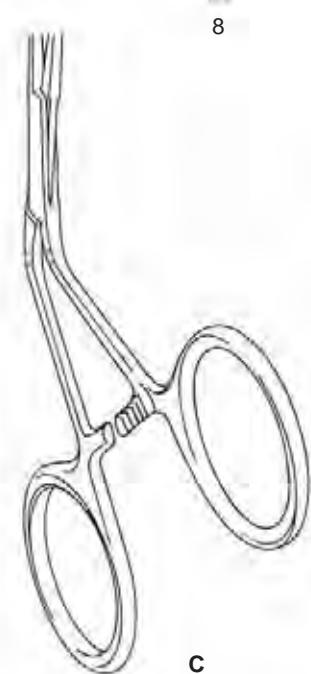
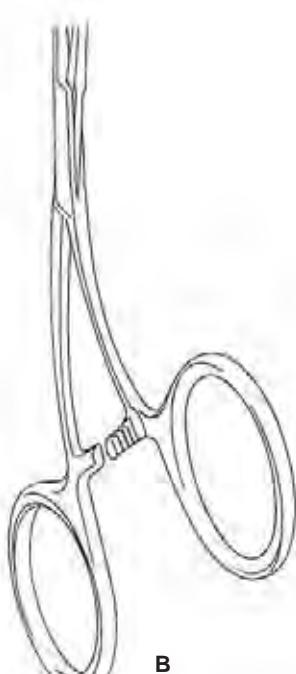
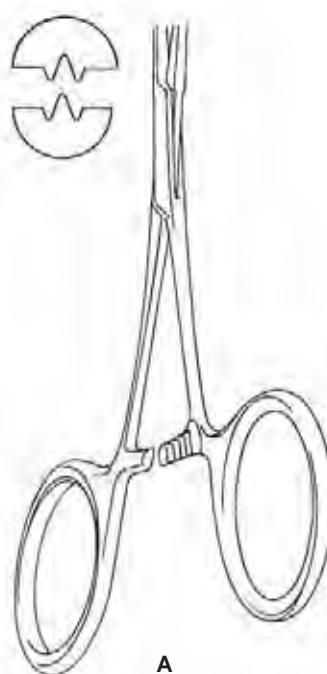
7 13 cm/5"
44-7713-07

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 pince vasculaires



1/1
8
9

Maulausführungen siehe nächste Seite

Jaw

details

see

next

page

Detalles de las bocas véase siguiente página

Détails des rnors voir page suivante, s.v.p.

پنس عروقی ظرفی

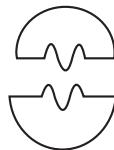
Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



44

DeBAKEY-CASTANEDA Herz- und Gefäßklemmen

DeBAKEY-CASTANEDA Cardiovascular Clamps

DeBAKEY-CASTANEDA pinzas vasculares

DeBAKEY-CASTANEDA pinces vasculaires

1,4 mm



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

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				

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

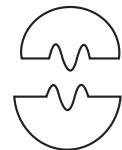
Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pince pour anastomoses



1/1



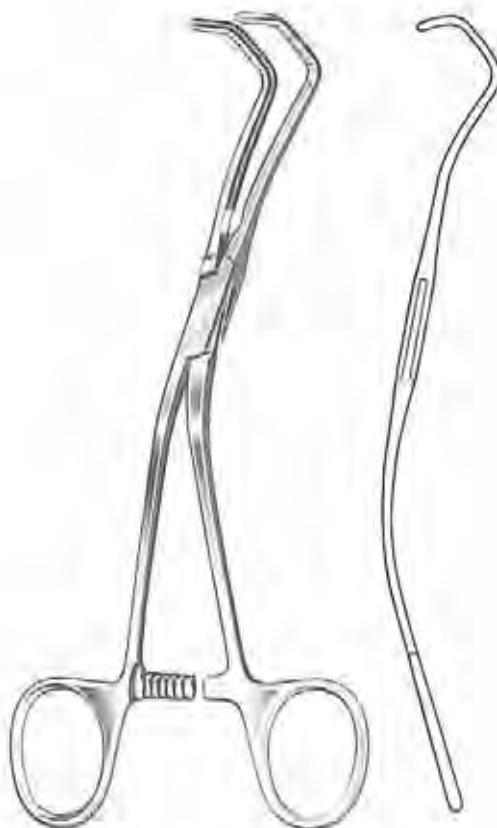
1/1



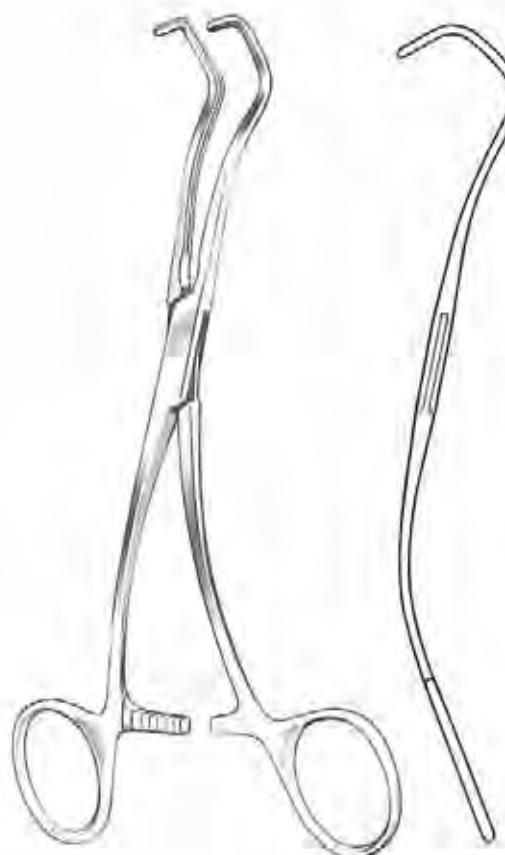
44-7826-02



44-7826-03



DeBakey
17 cm/6^{3/4}"
44-7825-17



DeBakey-Derra
17 cm/6^{3/4}"

پنس عروقی اطفال

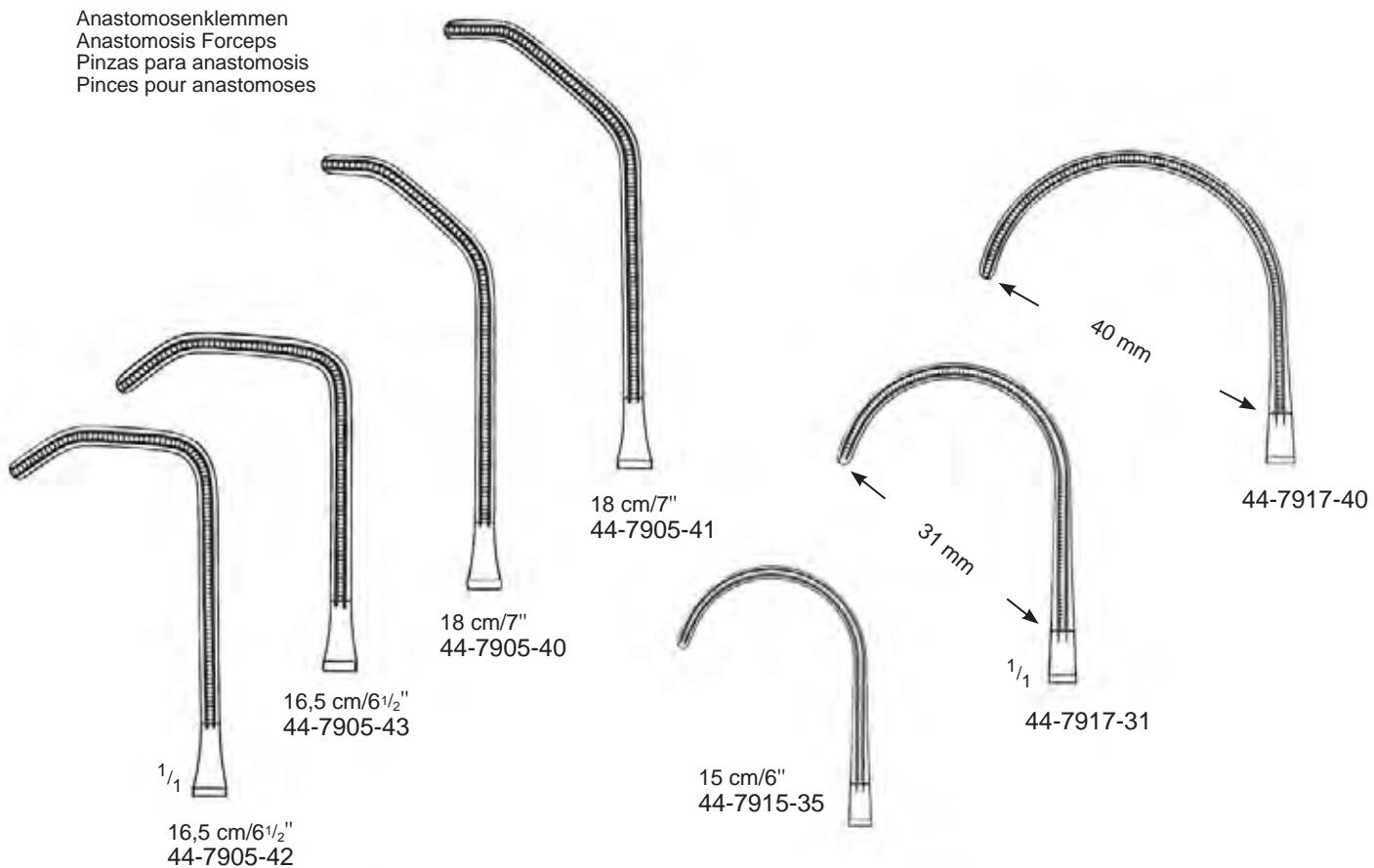
Atrauma Gefäßklemmen
Atrauma Vascular Clamps
Pinzas vasculares con bocas Atrauma
pinces vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants



44

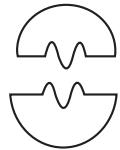
Anastomosenklemmen
Anastomosis Forceps
Pinzas para anastomosis
Pinces pour anastomoses



DeBakey-Reynolds

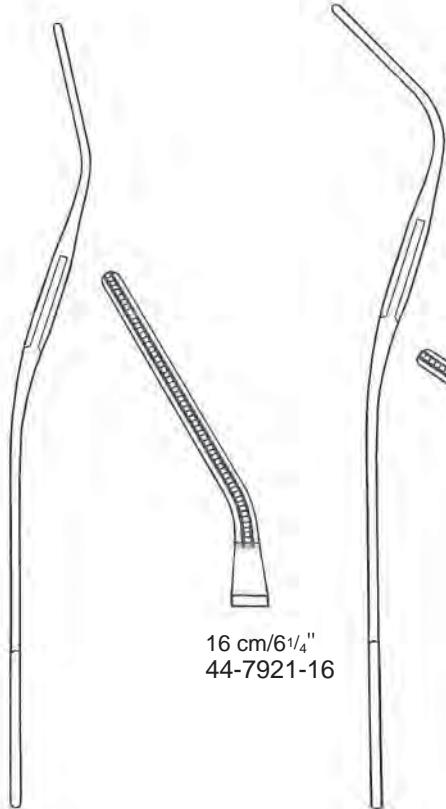


DeBakey
17 cm/6¾"

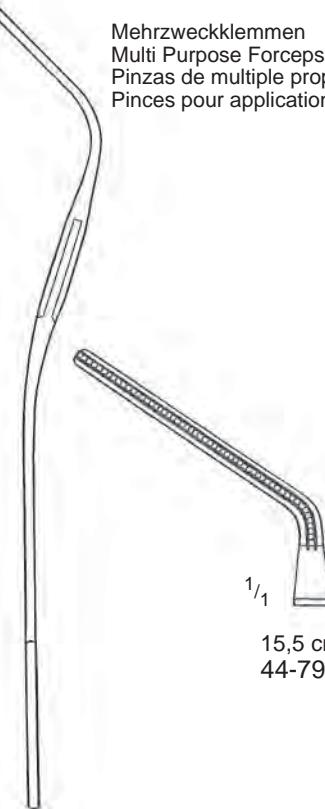


Mehrzweckklemmen
Multi Purpose Forceps
Pinzas de multiple propósito
Pinces pour application universelle

Aortenklemmen
Aortic Forceps
Pinzas Aorticas
Pinces à l'aorte



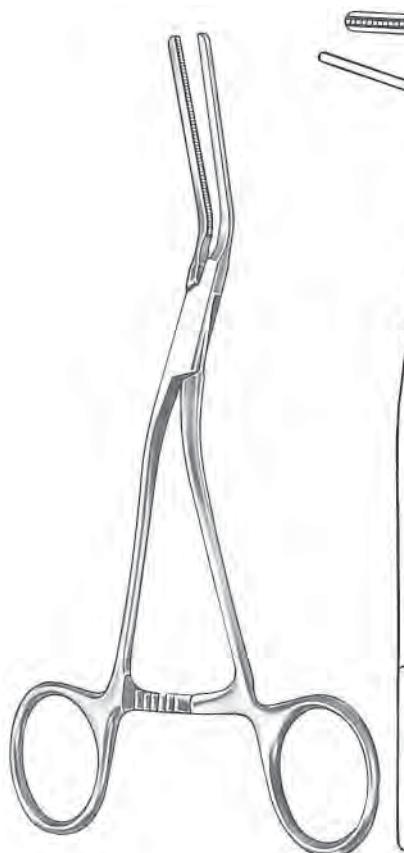
16 cm/6¹/₄"
44-7921-16



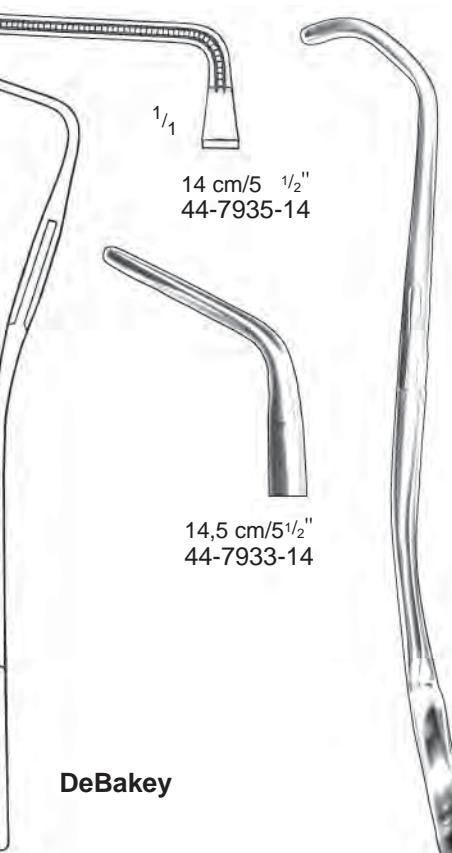
15,5 cm/6"
44-7921-15



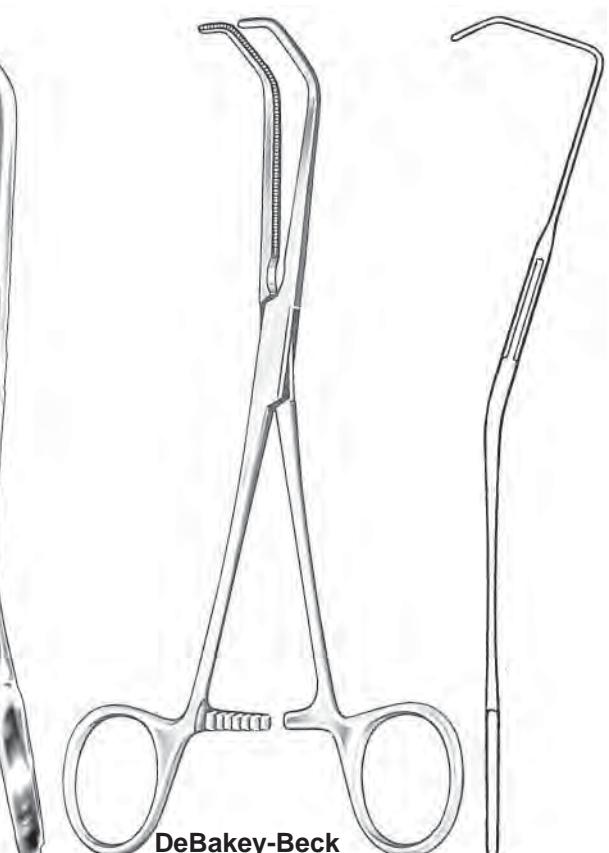
15 cm/6"
44-7931-15



DeBakey



14,5 cm/5 $\frac{1}{2}$ "
44-7933-14

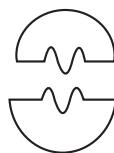


DeBakey-Beck

پنس عروقی ظریف

Atrauma Gefäßklemmen
Atrauma Vascular Clamps
Pinzas vasculares con bocas Atrauma
pinces vasculaires à mors Atrauma

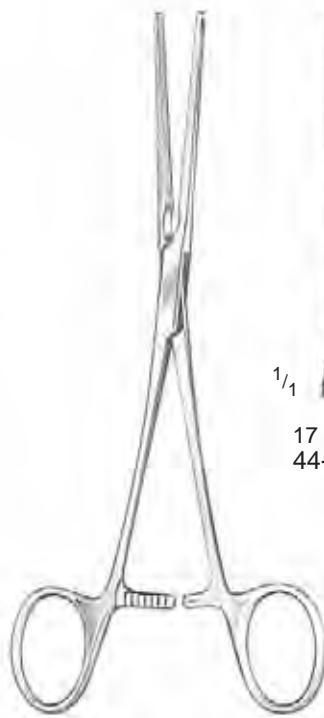
Kinder-Modelle
Pediatric types
Para niños
Pour enfants



44

Coarcationsklemmen
Coarctation Forceps
Pinza para coartación
Pince à coarctation

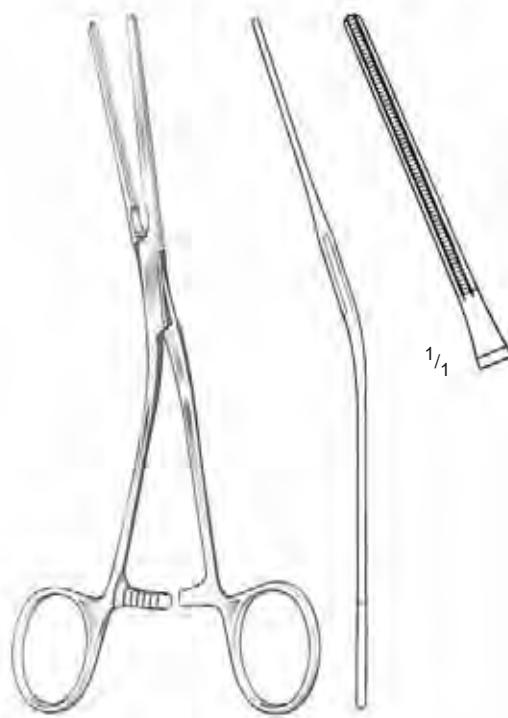
Patent-Duktusklemmen
Patent Ductus Forceps
Pinza para el ductus
Pince pour canal artériel



17 cm/6^{3/4}"
44-7937-17



16,5 cm/6^{1/2}"
44-7938-16



DeBakey
16,5 cm/6^{1/2}"
44-7940-16



پنس عروقی ظریف

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants

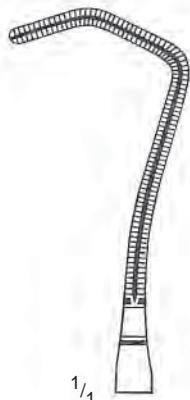


Anastomosenklemmen

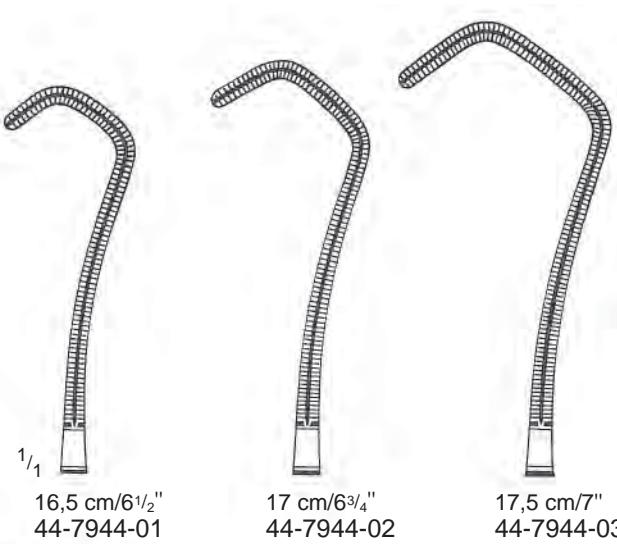
Anastomosis Forceps

Pinzas para anastomosis

Pince pour anastomoses



1/1

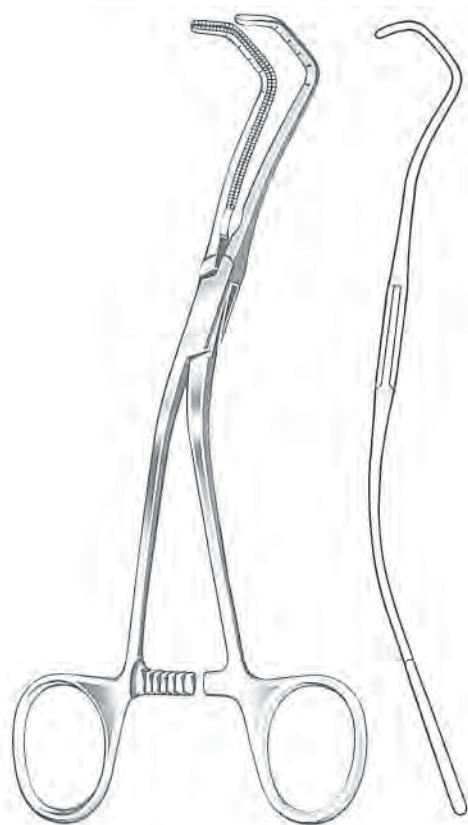


1/1

16,5 cm/6 1/2"
44-7944-01

17 cm/6 3/4"
44-7944-02

17,5 cm/7"
44-7944-03

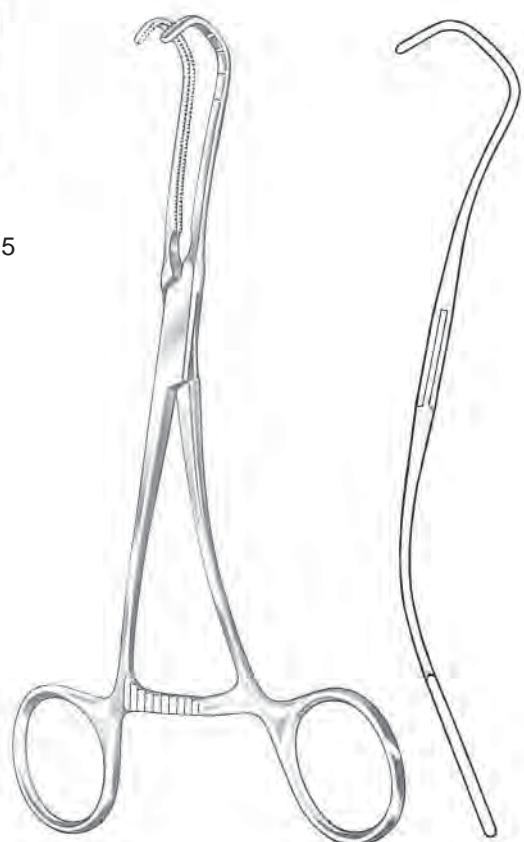


Cooley
17 cm/6 3/4" 44-7941-17
15,5 cm/6" 44-7941-16



15 cm/6"
44-7942-15

Cooley



Cooley-Derra

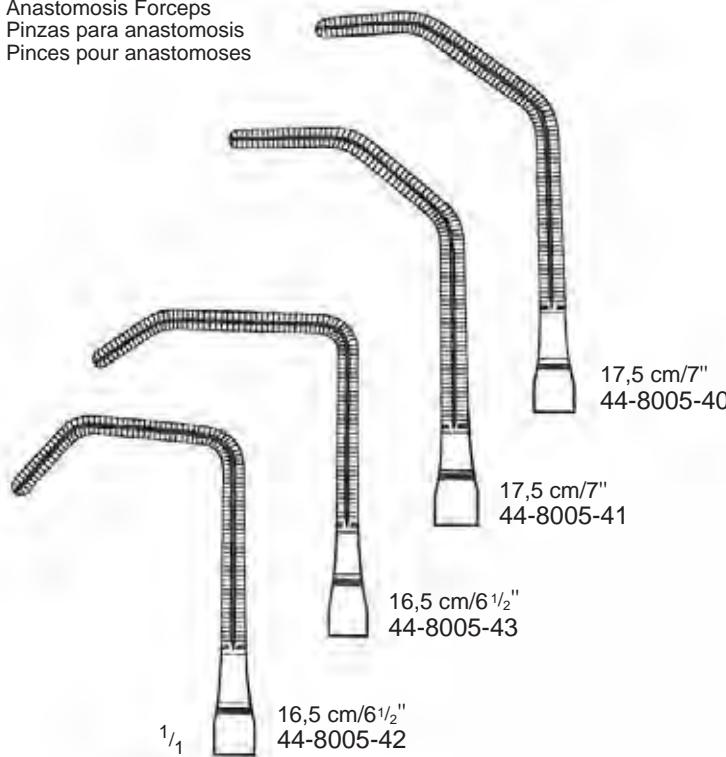


Anastomosenklemmen

Anastomosis Forceps

Pinzas para anastomosis

Pince pour anastomoses

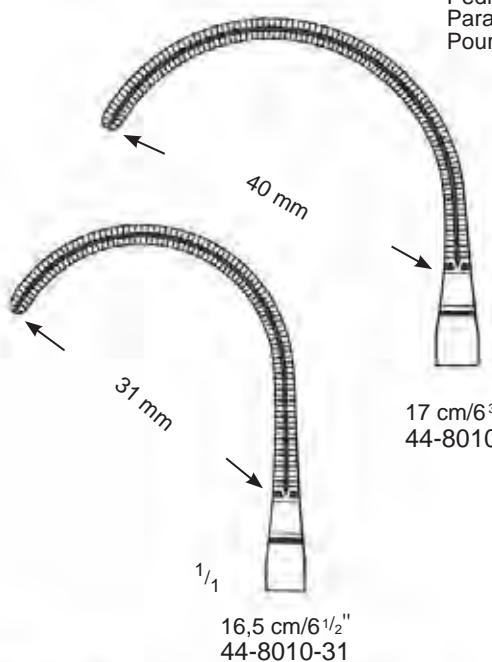


Ligaturklemmen

Ligature Carriers

Pinzas para ligaduras

Pince à ligatures

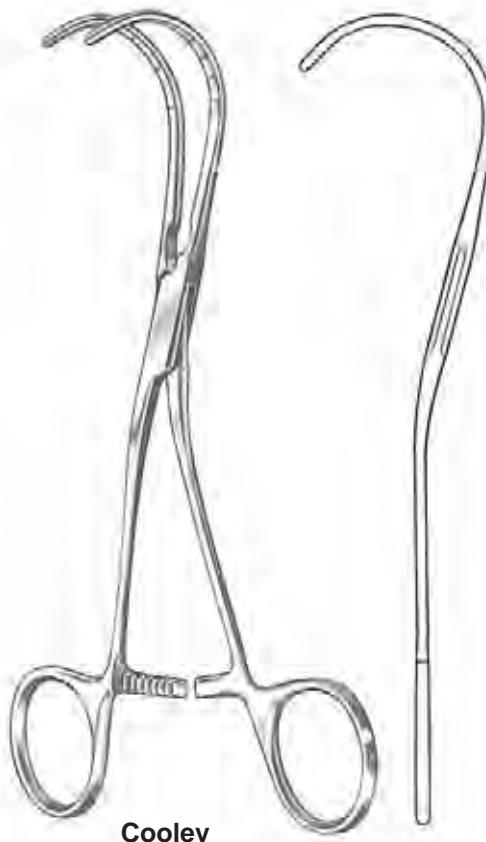


Kinder-Modelle

Pediatric types

Para niños

Pour enfants





پنس عروقی

Atrauma Gefäßklemmen**Atrauma Vascular Clamps****Pinzas vasculares con bocas Atrauma****pince vasculaires à mors Atrauma**

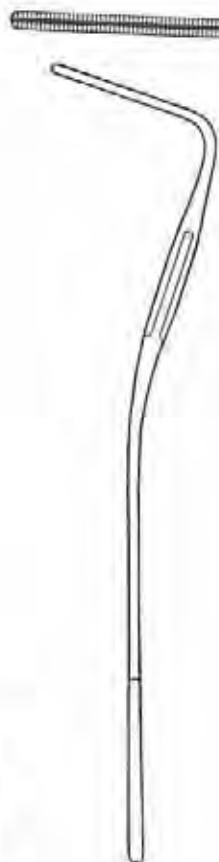
Kinder-Modelle
Pediatric types
Para niños
Pour enfants



Mehrzweckklemmen
Multi Purpose Forceps
Pinzas de múltiple propósito
Pince pour application universelle



Cooley



$14,5\text{ cm}/5\frac{1}{2}''$
44-8012-14



$16\text{ cm}/6\frac{1}{4}''$
44-8012-16



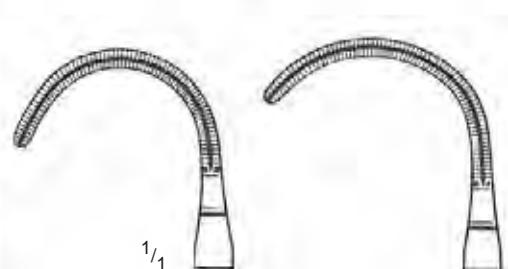
$16,5\text{ cm}/6\frac{1}{2}''$
44-8012-17



Cooley-Beck



$15\text{ cm}/6''$
44-8014-15



$15,5\text{ cm}/6''$
44-8014-16

Gefäßklemmen
Vascular Clamps
Pinzas vasculares
Pince vasculaires

پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

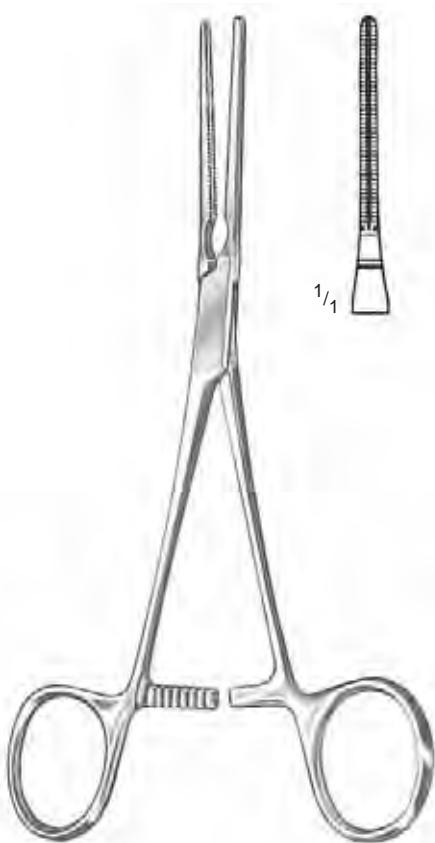
Pinzas vasculares con bocas Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants

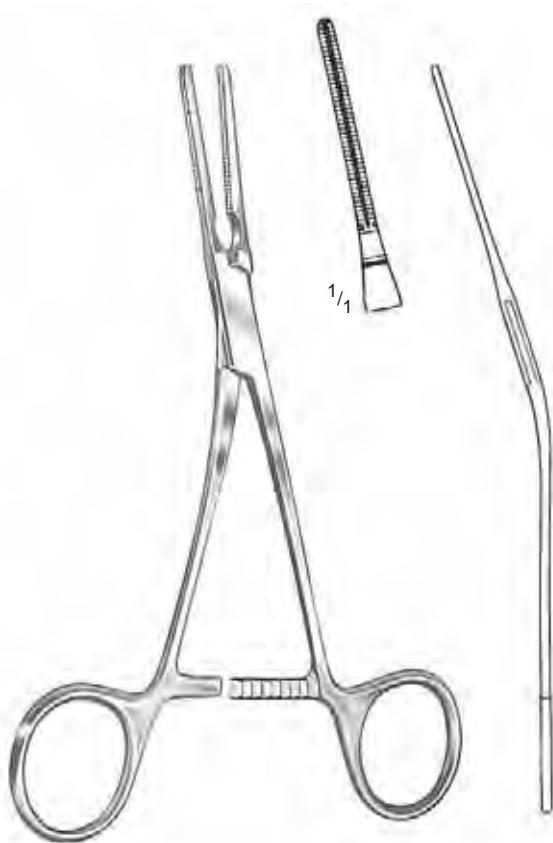


44

Patent-Duktusklemmen
Patent Ductus Forceps
Pinzas para el ductus
Pince pour canal artériel



Cooley
16 cm/6¹/₄"
44-8016-16



Cooley
16 cm/6¹/₄"
44-8017-16



پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma

Kinder-Modelle
Pediatric types
Para niños
Pour enfants

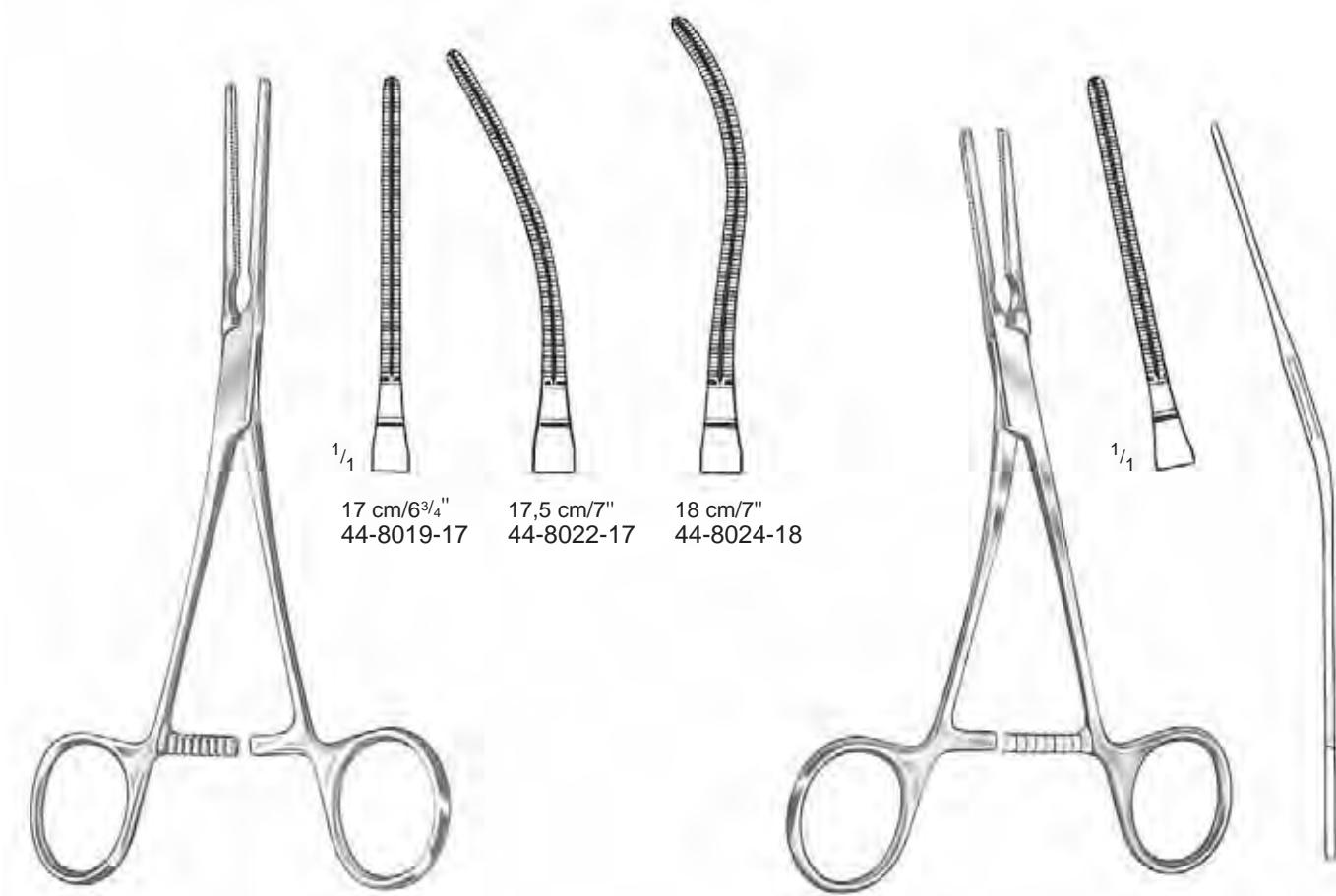


Coarctationsklemmen

Coarctation Forceps

Pinzas para coartación

Pince à coarctation



Cooley

Cooley
17 cm/ $6\frac{3}{4}''$
44-8020-17

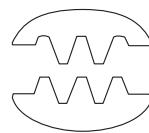
پنس عروقی

Atrauma Gefäßklemmen

Atrauma Vascular Clamps

Pinzas vasculares con bocas Atrauma

pince vasculaires à mors Atrauma



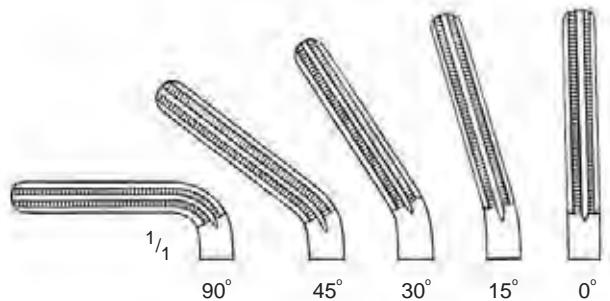
44

Mehrzweckklemmen

Multi Purpose Forceps

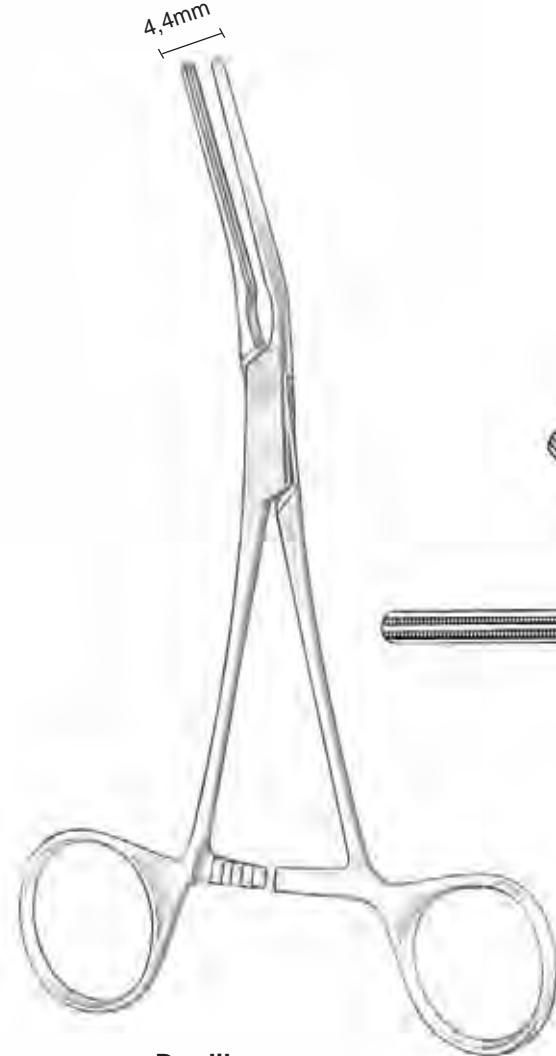
Pinzas de múltiple propósito

Pince pour application universelle

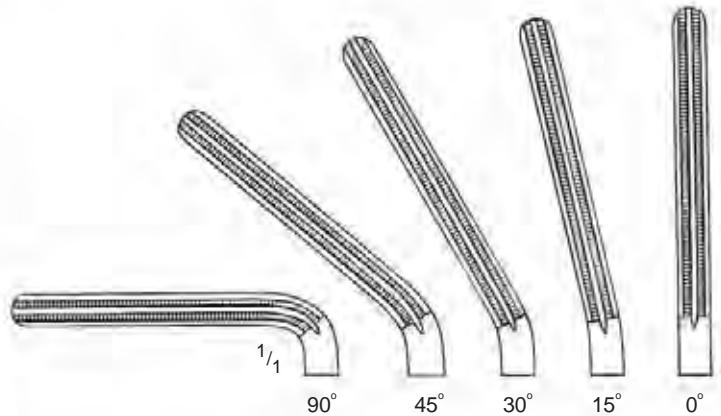


				Gewicht Weight Peso Poids
	cm	inch.	Α	
44-8115-00	15	6	0°	28g
44-8115-15	15	6	15°	28g
44-8115-30	15	6	30°	28g
44-8115-45	15	6	45°	28g
44-8115-90	14	5 1/2	90°	28g

4,4mm



Dardik



	cm	inch.	Α	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



پنس عروقی

Atrauma Präparier- und Arterienklemmen

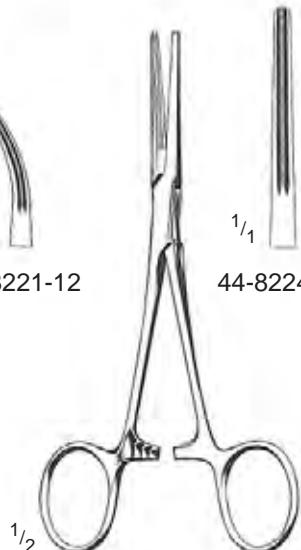
Atrauma Dissecting and Hemostatic Forceps

Pinzas para preparaciones y hemostáticas con bocas Atrauma

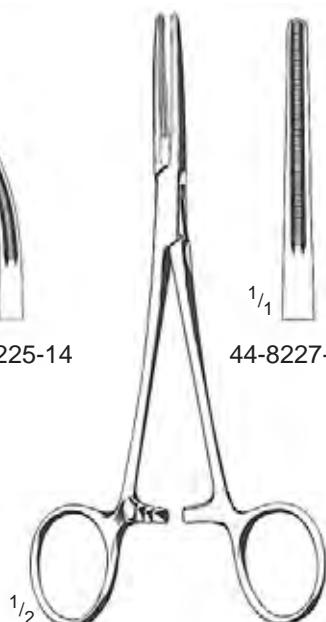
Pince à dissection et hémostatiques à mors Atrauma



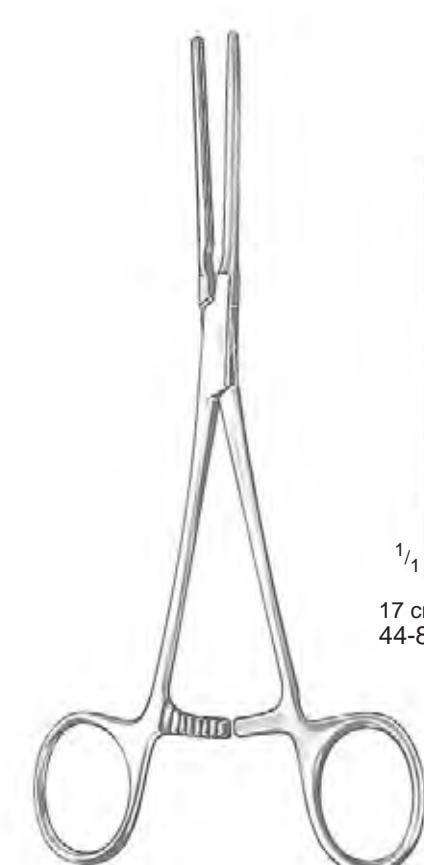
DeBakey-Mosquito
12 cm/4 $\frac{3}{4}$ "



DeBakey-Kelly
14 cm/5 $\frac{1}{2}$ "



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



DeBakey-Bainbridge

17 cm/6 $\frac{3}{4}$ "
44-8232-17

18,5 cm/7 $\frac{1}{4}$ "
44-8232-18

17 cm/6 $\frac{3}{4}$ "
44-8233-17

18,5 cm/7 $\frac{1}{4}$ "
44-8233-18

Peripheralklemmen
Peripheral Vascular Forceps
Pinzas-clamps para vasos periféricos
Pince pour vaisseaux périphériques

پنس عروقی

Atrauma Präparier- und Arterienklemmen

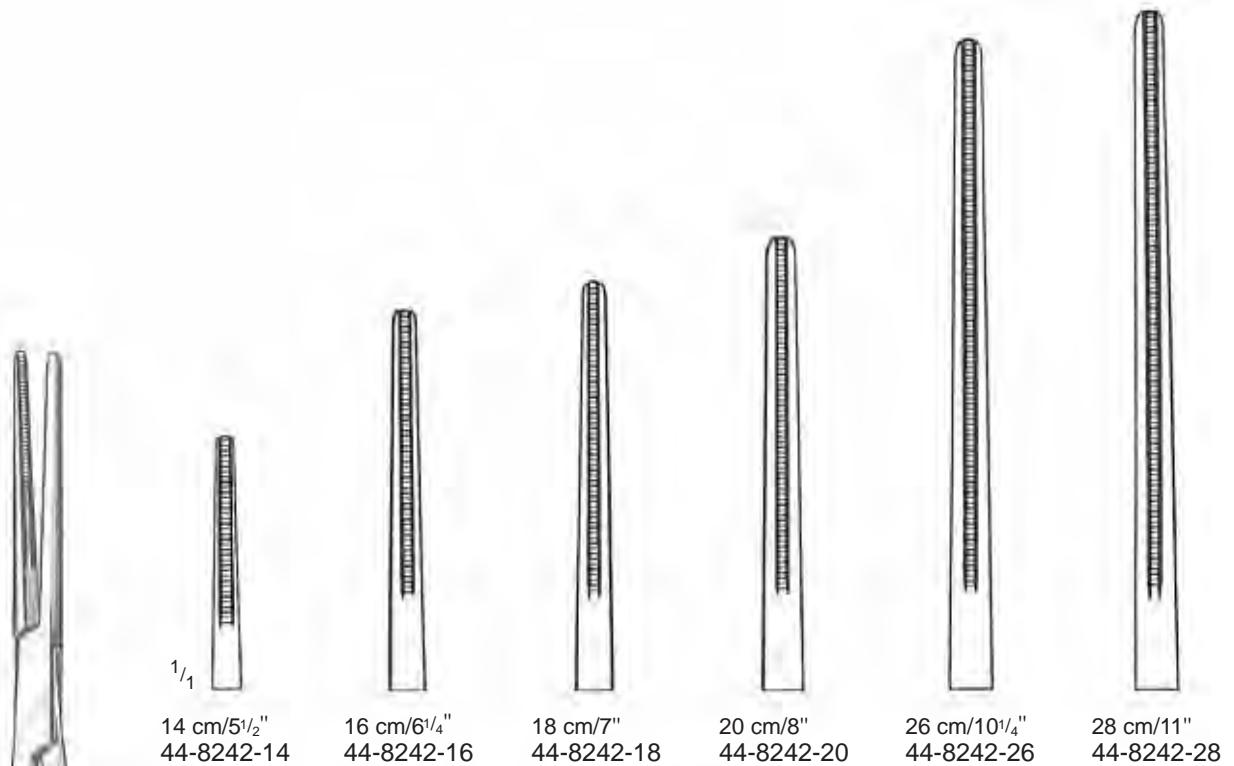
Atrauma Dissecting and Hemostatic Forceps

Pinzas para preparaciones y hemostáticas con bocas Atrauma

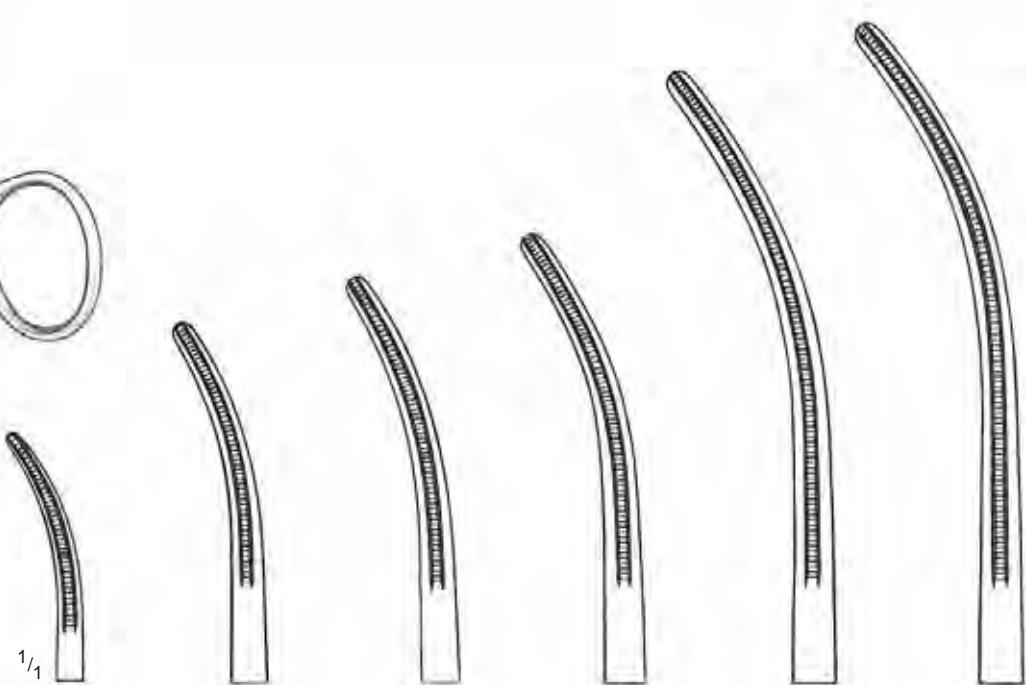
Pinces à dissection et hémostatiques à mors Atrauma



44



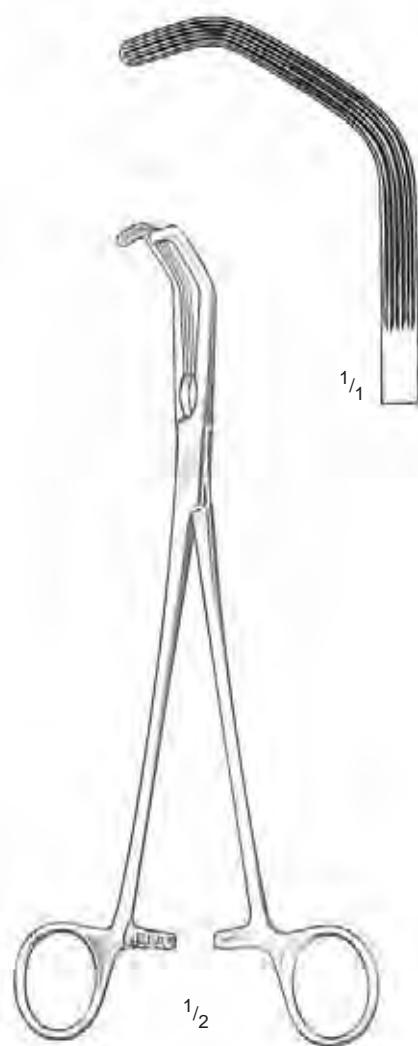
DeBakey-Péan



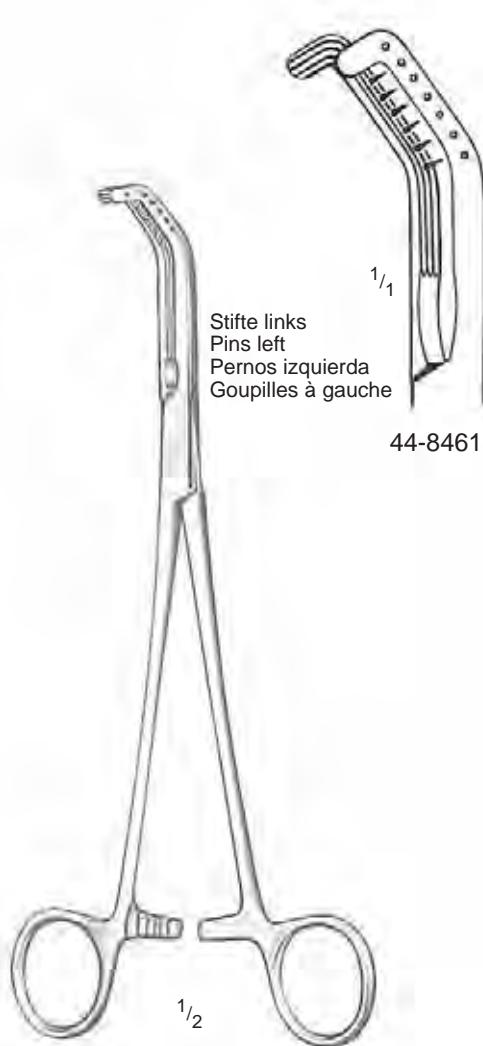


پنس ریه

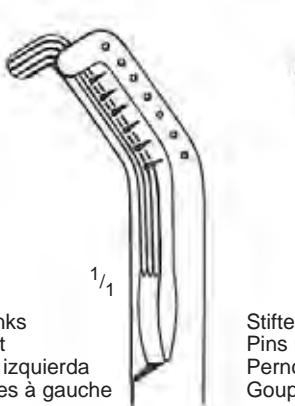
Bronchus- und Ligaturklemmen
Bronchus and Ligature Forceps
Pinzas para bronquios y ligaduras
Pince bronchiques, pinces à ligatures



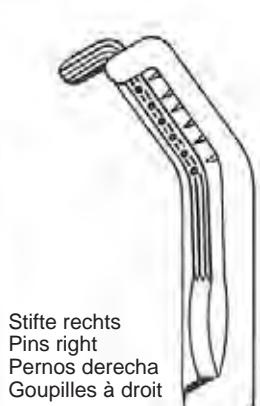
Price-Thomas
 22 cm/8^{3/4}"
 44-8457-22



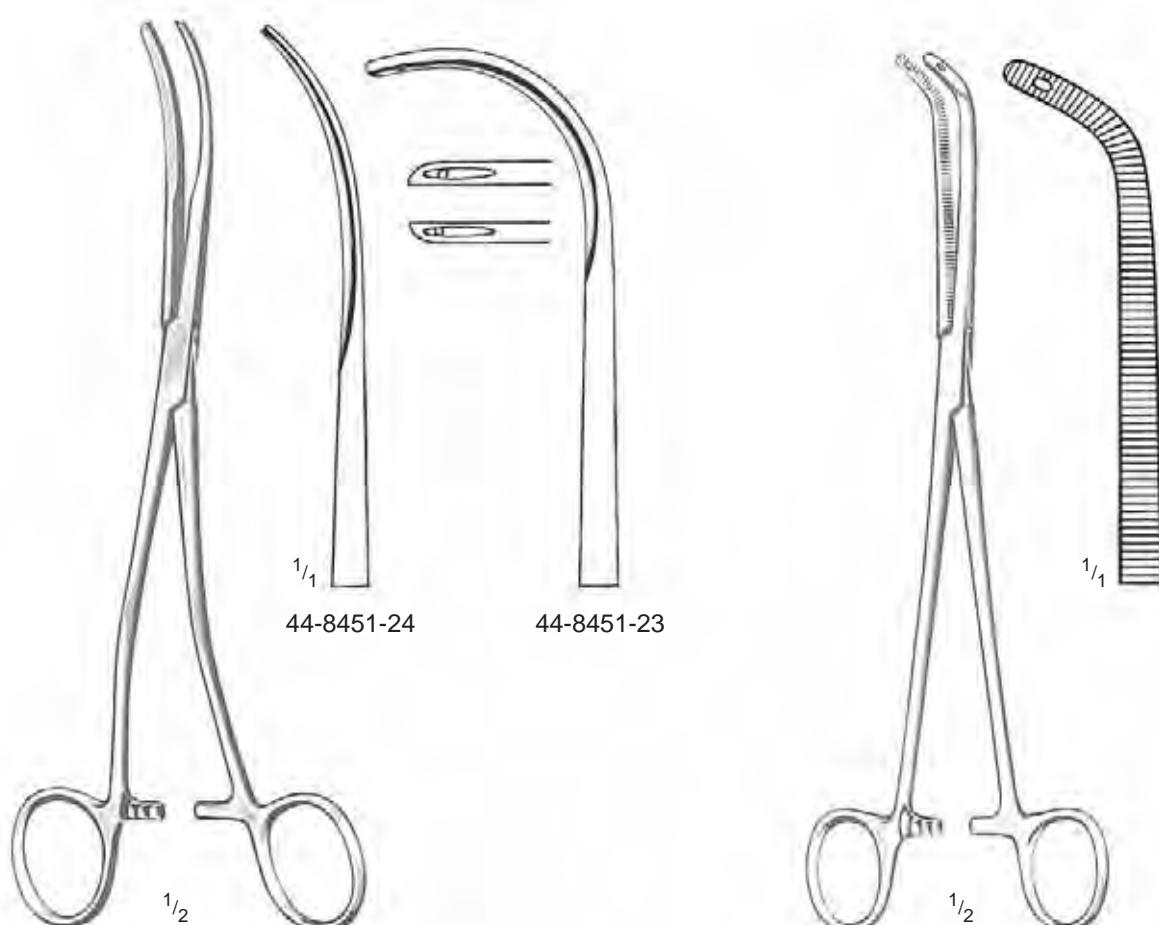
Price-Thomas
 22 cm/8^{3/4}"



44-8461-22



44-8461-23



Semb
24 cm/9 $\frac{1}{2}$ "

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.)

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Atrauma Mikro-Bulldogklemmen Atrauma Micro Bulldog Clamps Micro-Clamps Bulldog con bocas Atrauma Micro-Clamps Bulldog à mors Atrauma	148
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Atrauma Gefäßpinzetten Atrauma Vascular Forceps Atrauma Pinzas vasculares Atrauma pince vasculaires	111-112

46

Univer[®]



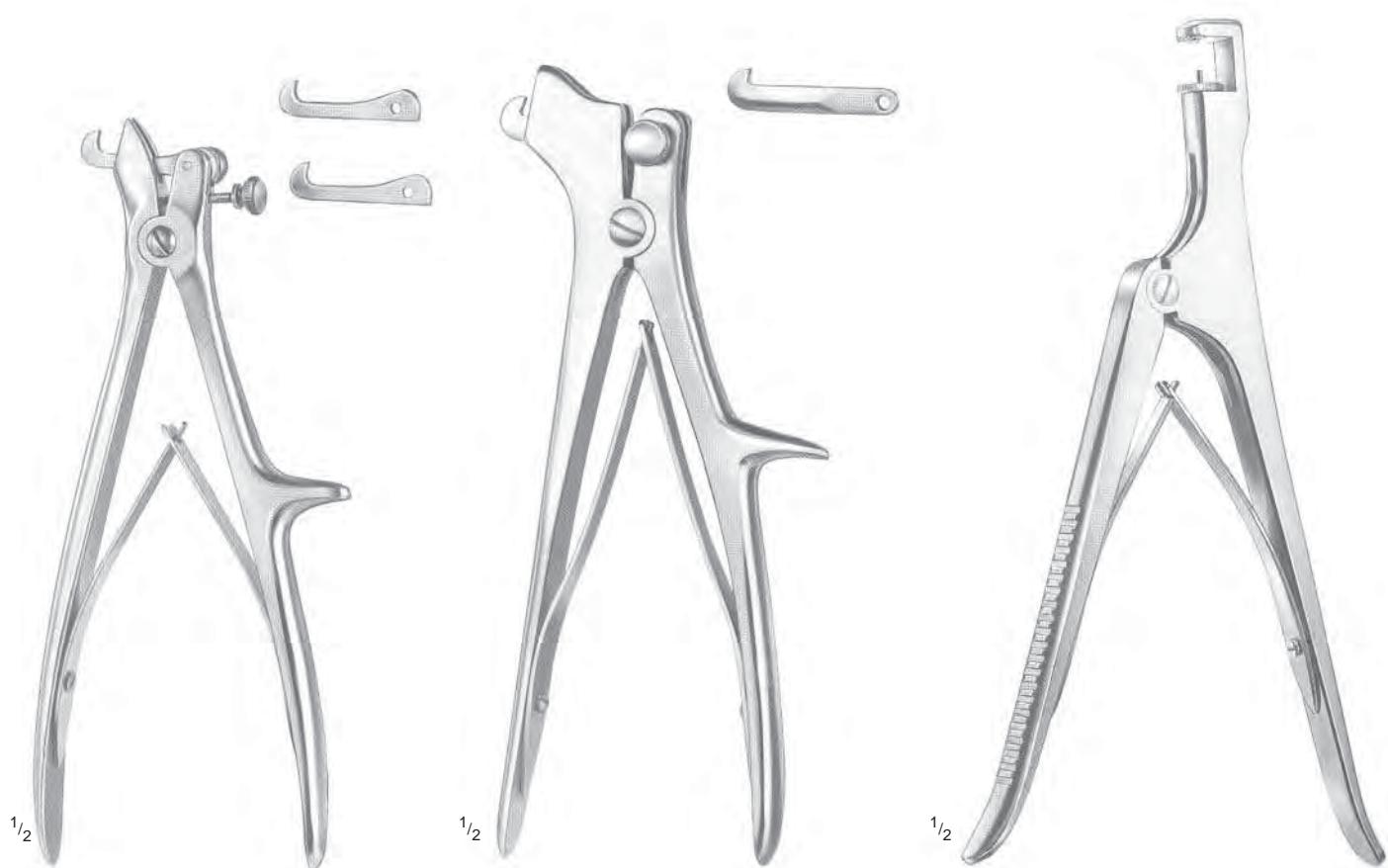
مغز و اعصاب

Hirn-und Neurochirurgie

Brain and Neuro Surgery

Cirugía cerebral, Neurocirugía

Chirurgie cérébrale, Neurochirurgie



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 crâniennes

ھوک عصب

Nerv-und Gefäßhækchen
Nerve and Vessel Hooklets
Ganchitos para nervios y vasos
Crochets à nerfs et à vaisseaux

Galeahaken
Galea Hooks
Ganchos para galea
Crochets pour galea



46

Galeahaken
Galea Hooks
Ganchos para galea
Crochets pour galea



Fig. 1
46-4728-01

Fig. 2
46-4728-02



Fig. 3
46-4730-03

Fig. 4
46-4730-04



Groningen
26,5 cm/10½"
46-4715-27

Groningen
26,5 cm/10½"
46-4725-27

Krayen bühl
18,5 cm/7¼"

Artikel-Nr. Cat.No.	Feder Ø Spring Ø Resorte Ø Ressort Ø	Gesamtlänge Total Length Largo total Longueur totale
------------------------	---	---

46-4820-31	7 mm	310 mm / 12 ¼"
46-4820-41	9 mm	410 mm / 16"



اكارتور 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

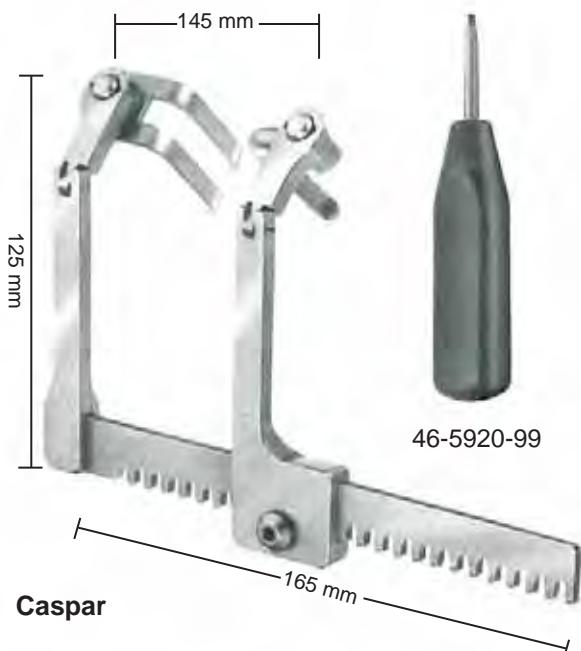


46-5921-38
Haken 38 mm
Hook 38 mm
Gancho 38 mm
Crochet 38 mm

46-5921-58
Haken 58 mm
Hook 58 mm
Gancho 58 mm
Crochet 58 mm

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



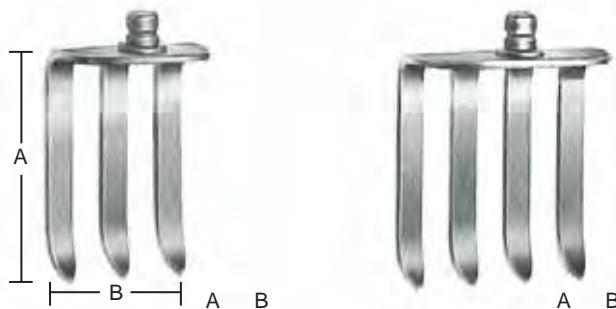
Casper

46-5920-06

Sperrer komplett, bestehend aus:
Retractor complete, consisting of:
Separador completo, compuesto de:
Ecarteur complet, se composant de:

46-5920-00 Sperrer allein
Retractor only
Separador suelto
Ecarteur seul

46-5920-99 Schlüssel/key/llave/clé
46-5921-38 Haken/hook/gancho/crochet 38 mm
46-5922-37 Blatt/blade/valva/value 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



46-5923-32	32 x 37 mm	46-5924-32	32 x 52 mm
46-5923-37	37 x 37 mm	46-5924-37	37 x 52 mm
46-5923-43	43 x 37 mm	46-5924-43	43 x 52 mm
46-5923-47	47 x 37 mm	46-5924-47	47 x 52 mm
46-5923-52	52 x 37 mm	46-5924-52	52 x 52 mm
46-5923-57	57 x 37 mm	46-5924-57	57 x 52 mm
46-5923-62	62 x 37 mm	46-5924-62	62 x 52 mm
46-5923-67	67 x 37 mm	46-5924-67	67 x 52 mm

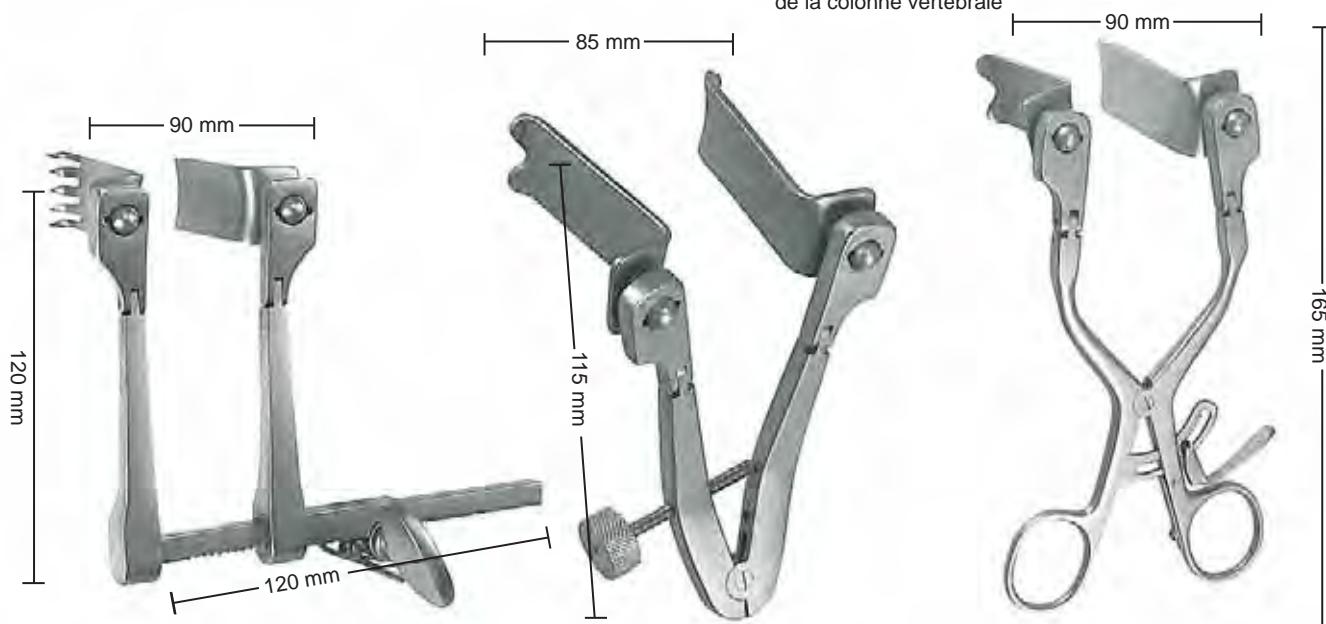
Blätter/Blades
Valvas/Valves

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 medianas
 valves medianes

46-5933-40 - 46-5933-60
 5 laterale Blätter
 lateral blades
 valvas laterales
 valves latérales

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

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

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 separador desde ambos lados.

En changeant la position de la vis, l'écarteur peut être utilisé des deux cotés.

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 separador desde ambos lados.

En changeant la position de la vis, l'écarteur peut être utilisé des deux cotés.



تبغه اکارتور ستون فقرات

**Wundspreizer für die cervicale Wirbelsäule
Retractors for Cervical Vertrebral 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 ilíaca
valves mousses pour
prélèvement de greffons
sur la crête iliaque



46-5953-99

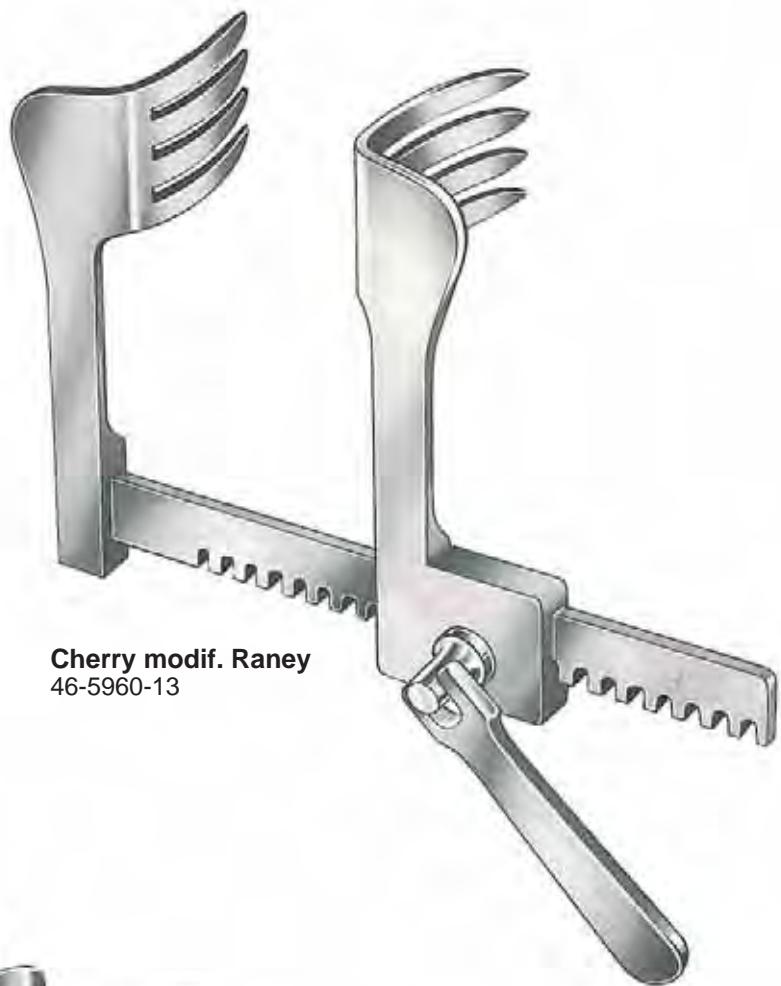
Blätter-Wechselfinzette
Blade ejector
Pinza especial para
cambiar valvas de
cierre rápido a bola
Pince pour changer
les valvulas menues de
sistema de verrouillage
rapide à billes

اكارتور لامينكتومي

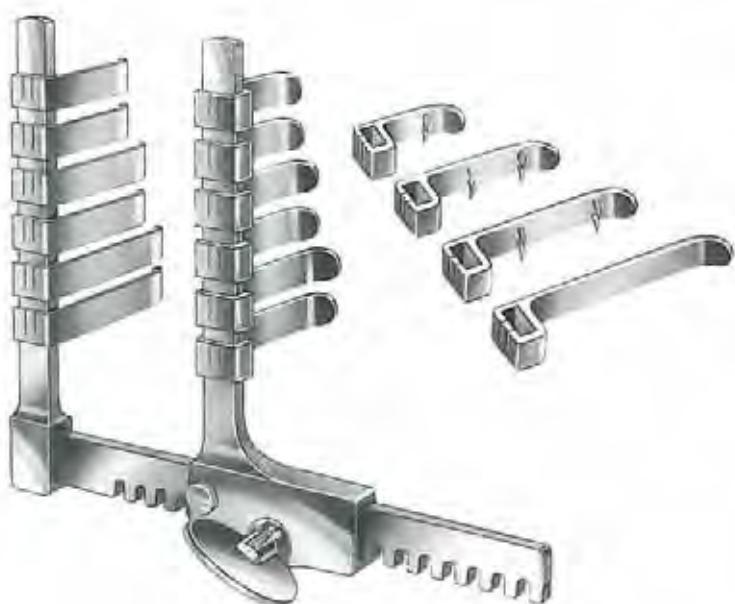
Laminektomie-Wundspreizer
Laminectomy Retractors
Separadores para laminectomía
Ecarteurs pour laminectomie



46



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 # 46-5965-65

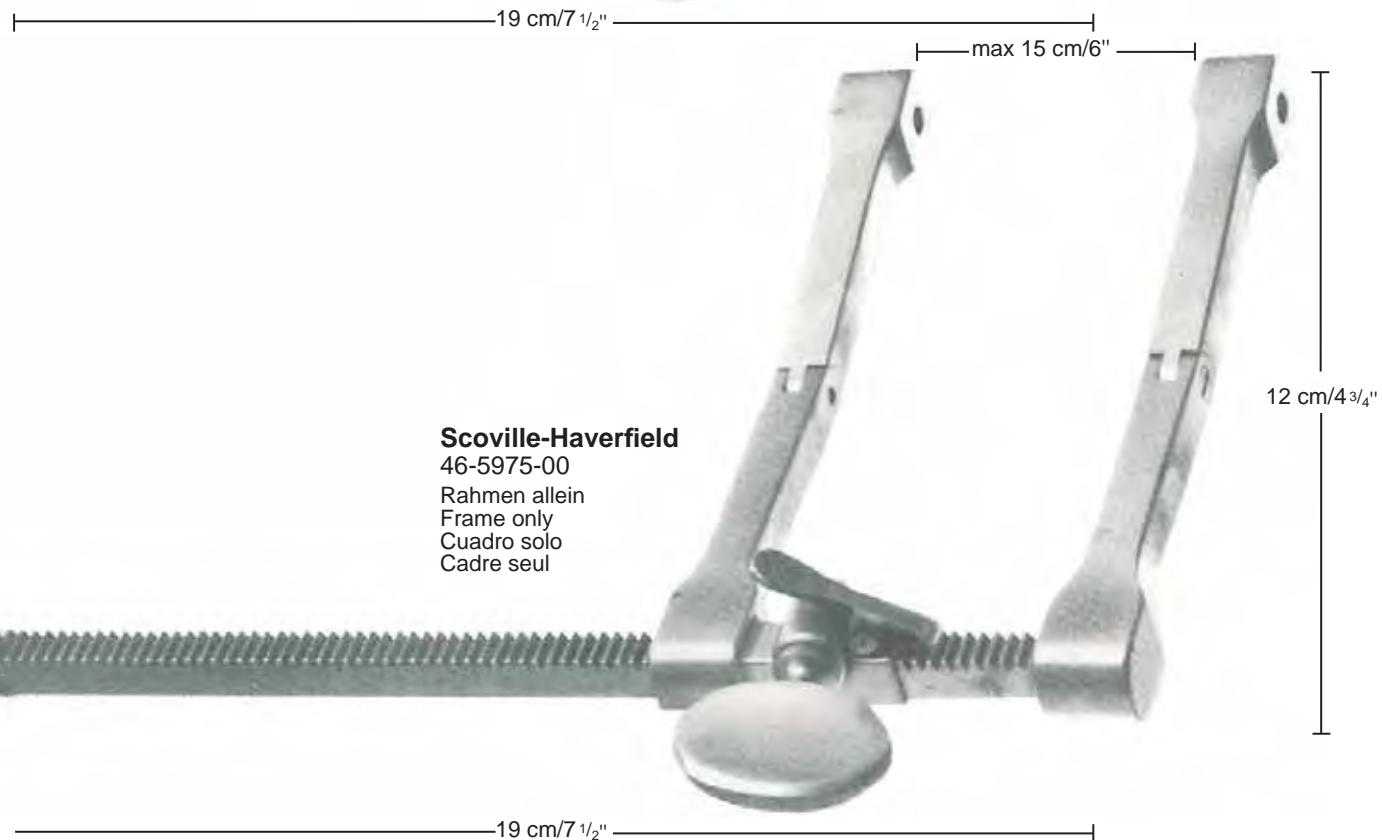
Valven allein - Blades only
valvas sueltas - valves seules

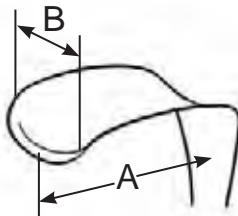
Spreizer ohne Valven
Retractor without blades
Separador sin valvas
Ecarteur sans valves
46-5965-00

mm Ø ^a	30	40	50	65	75
glatt plain	46-5965-30	46-5965-40	46-5965-50	46-5965-65	46-5965-75
lissa lisse	46-5966-30	46-5966-40	46-5966-50	46-5966-65	46-5966-75
mit Zähnen withteeth con dientes avec dents		46-5967-40	46-5967-50	46-5967-65	
		46-5968-40	46-5968-50	46-5968-65	



اکارتور همی لامینکتومی
Hemilaminektomiespreizer
Hemilaminectomy Retractors
Separadores para hemilaminectomía
Ecarteurs pour hémilaminectomie





Scoville

46-5983-00 50 mm, 2"
46-5983-05 60 mm, 2 $\frac{1}{4}$ "
46-5983-10 70 mm, 2 $\frac{3}{4}$ "
46-5983-20 75 mm, 3"



Scoville

46-5983-25 50 mm, 2"
46-5983-27 60 mm, 2 $\frac{1}{4}$ "
46-5983-30 70 mm, 2 $\frac{3}{4}$ "
46-5983-35 75 mm, 3"



Scoville

46-5986-00 38 mm, 1 $\frac{1}{2}$ "
46-5986-10 50 mm, 2"
46-5986-20 70 mm, 2 $\frac{3}{4}$ "
46-5986-30 75 mm, 3"



Scoville A B
46-5984-70 41 mm, 1 $\frac{5}{8}$ " 38 mm, 1 $\frac{1}{2}$ "
46-5984-80 67 mm, 2 $\frac{5}{8}$ " 44 mm, 1 $\frac{3}{4}$ "



Taylor A B
46-5987-90 25 mm, 1" 41 mm, 1 $\frac{5}{8}$ "
46-5988-00 44 mm, 1 $\frac{3}{4}$ " 38 mm, 1 $\frac{1}{2}$ "
46-5988-10 50 mm, 2" 41 mm, 1 $\frac{5}{8}$ "



Taylor A B
46-5984-40 48 mm, 1 $\frac{7}{8}$ " 50 mm, 2"
46-5984-45 64 mm, 2 $\frac{1}{2}$ " 50 mm, 2"
46-5984-50 64 mm, 2 $\frac{1}{2}$ " 64 mm, 2 $\frac{1}{2}$ "
46-5984-60 80 mm, 3 $\frac{1}{8}$ " 57 mm, 2 $\frac{1}{2}$ "



انواع تیغه اکارتورهای همی لامینکتومی

Valven für Hemilaminektomiespreizer

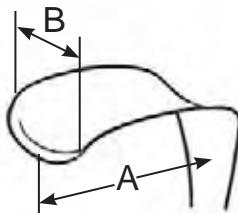
Blades for Hemilaminectomy Retractors

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"

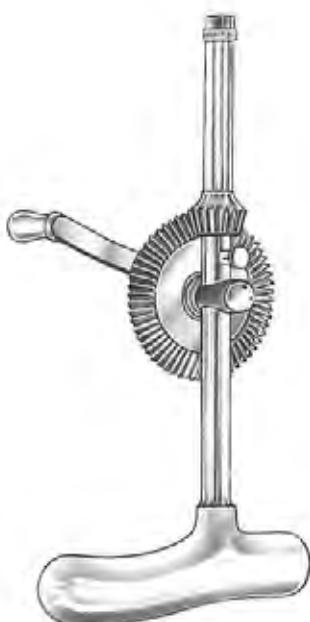


Taylor	A	B
46-5987-00	75 mm, 3"	32 mm, 1 1/4"
46-5987-50	100 mm, 2 3/4"	42 mm, 1 5/8"



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"

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

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

Spiralbohrer
Twist drills
Taladros
Mêches

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
Trepbine
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





دريل دستي و سر متہ تراپان

Instrumente zur Schädelöffnung, Handbohrapparate

Trapanation Instruments, Hand Bone Drills

Instrumentos para la trepanación, perforadores de mano

Instruments pour la trépanation, perforateurs à main

						Verlängerungsstück Cerebellar extension Pieza de prolongación Pièce de rallonge
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	
	Bogenkurbel allein, mit Schnellspannfutter Brace only, with snap-lock chuck Perforador sin taladros, mandril automático Vilebrequin seul, avec mandrin automatique 46-0510-90	Bogenkurbel allein, mit Feststellschraube Brace only, with fixation screw Perforador sin taladros, tornillo fijación Vilebrequin seul, avec vis à fixation 46-0520-90			Cushing 14 mm Ø 46-0530-14	Adson 2 mm Ø 46-0532-24
	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			McKenzie 13 mm Ø 46-0534-13	D'Errico 16 mm Ø 46-0536-16



سیم اره ژیگلی

Drahtsägen, geflochten, unzerreißbar

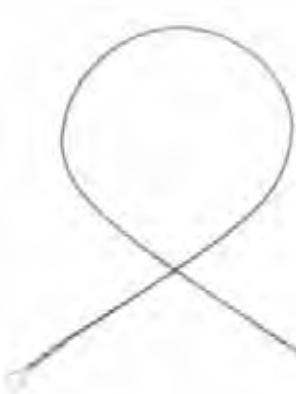
Wire Saws, braided, untearable

Sierras de hilo metálico, hilos trenzados, irrompibles

Fils-scies, fils tressés, indéchirables



5:1



5:1

biegsam
malleable
maleable
malléable

Olivecrona

Gigil

Gigil

gelötet
soldered
soldada
soudégrob, 4-fach geflochten
coarse, 4 wires twisted
gruesa, 4 hilos trenzados
gros, à 4 brinsfein, 6-fach geflochten
fine, 6 wires twisted
fina, 6 hilos trenzados
fin, à 6 brins

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



دسته اره ژیگلی

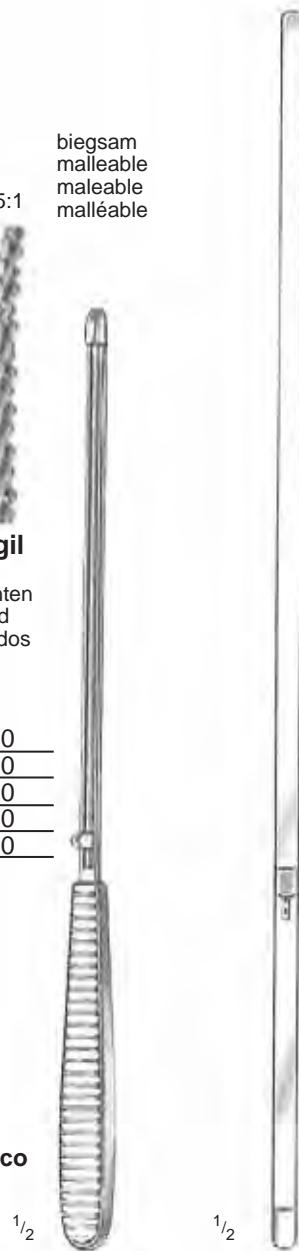
Hakengriff, drehbar, für Drahtsägen

Hook Handle, turnable, for wire saws

Mango giratorio con gancho, para sierras de hilo metálico

Manche pivotant à crochet pour fils-scies

1/2

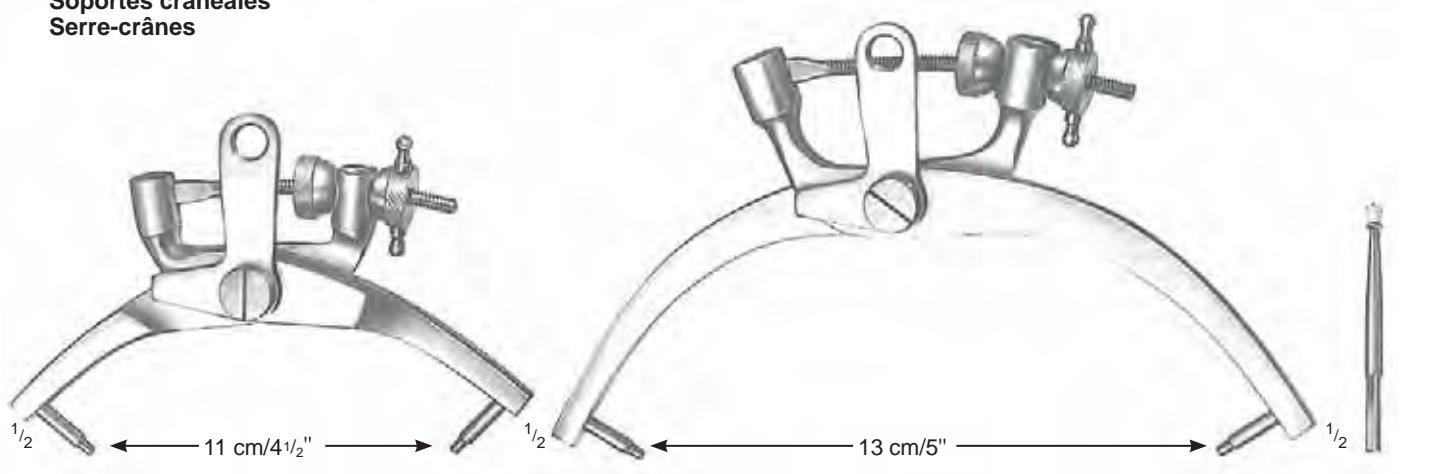
Gigli
46-1431-61Lebsche
25 cm/10"
46-1420-25DeMartel(Bailey)
33 cm/13"
46-1422-33



تراکشن مغزی

Schädelhalter**Skull Traction Tongs****Soportes craneales****Serre-crânes**

Schädelhalter
Skull Traction Tongs
Soportes craneales
Serre-crânes



Crutchfield
46-1650-11

kleine Größe
small size
tamaño pequeño
petite taille

Crutchfield
46-1650-13

mittlere Größe
medium size
tamaño mediano
moyenne taille

Vorbohrer dazu
Drill points only
Perforadores Iniciales sueltos
Perforateurs initiaux seuls

Ø 3,5 mm 46-1652-35
Ø 5,0 mm 46-1652-50



46-1657-01 46-1659-10

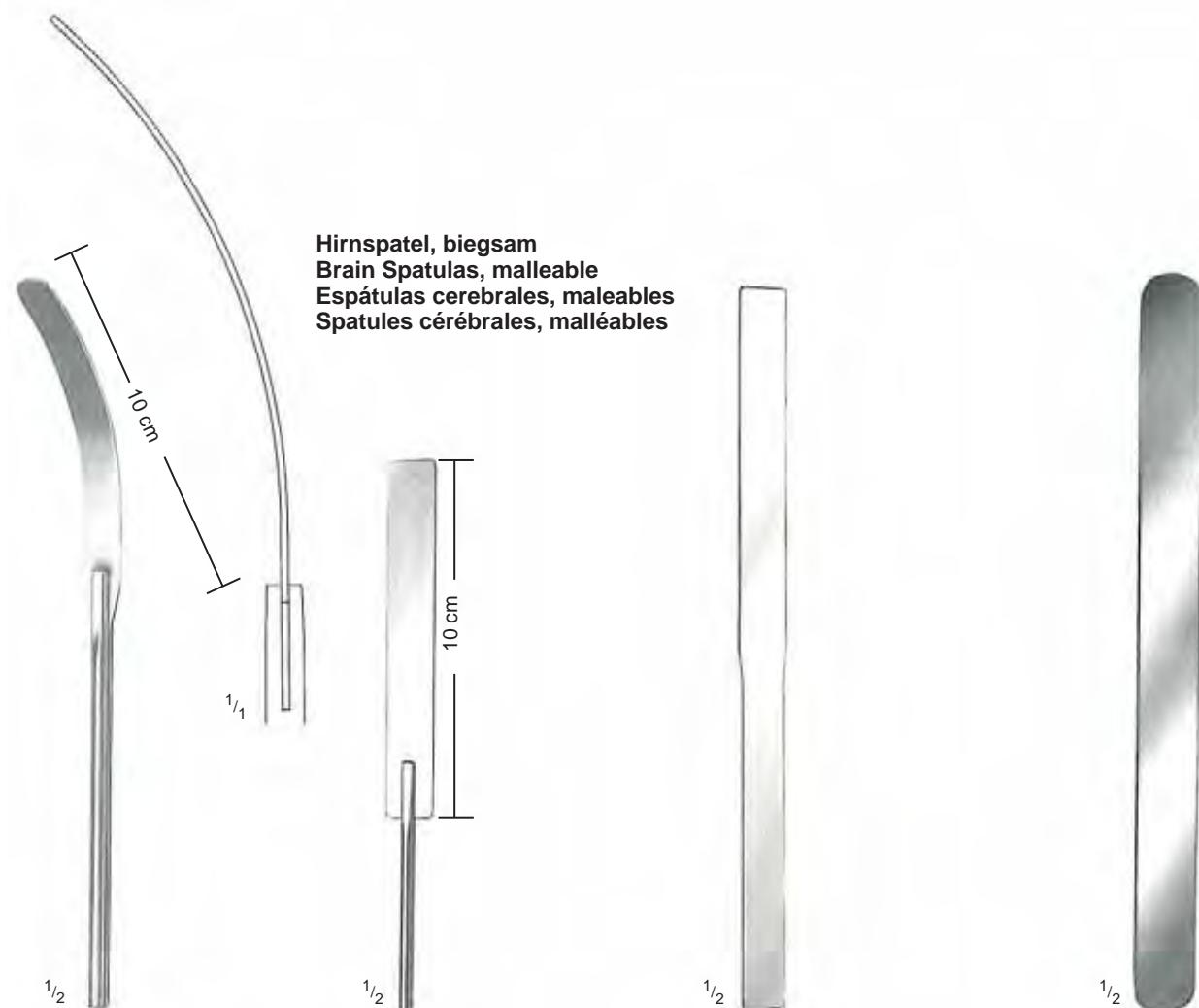
großes Modell
large pattern
modelo grande
modèle grand

Ersatzdorn

Spare Pin

Espina de repuesto

Pointe de rechange



Heifetz
20 cm/8"

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

Heifetz
15,5 cm/6"

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

Heifetz
20 cm/6"

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

20 cm/6"

Spatelbreite
Width of spatulas
Ancho de espátulas
Largeur de spatules

12 mm	46-2780-12
17 mm	46-2780-17



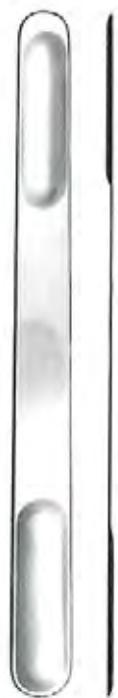
اسپاچولای مغزی

Hirnspatel, biegsam

Brain Spatulas, malleable

Espátulas cerebrales, maleables

Spatules cérébrales, malléables

konkav
concave
concavas
concaveskonvex
convexe
convexas
convexes**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

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

کریسون پانچ (پانچ دیسک)

Laminektomiestanzen

Laminectomy punches

Pinzas cortantes para laminectomía

Pince emporte-pièces à laminectomie



46

Love-Kerrison/Colclough

1/1

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	Schaftlänge Length of shaft Largo de vástago Longueur de la tige	Schaftlänge Length of shaft Largo de vástago Longueur de la tige	با زبانه تخلیه With Ejector	با زبانه تخلیه With Ejector
		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 Ejec-tor

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	Schaftlänge Length of shaft Largo de vástago Longueur de la tige	Schaftlänge Length of shaft Largo de vástago Longueur de la tige
		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



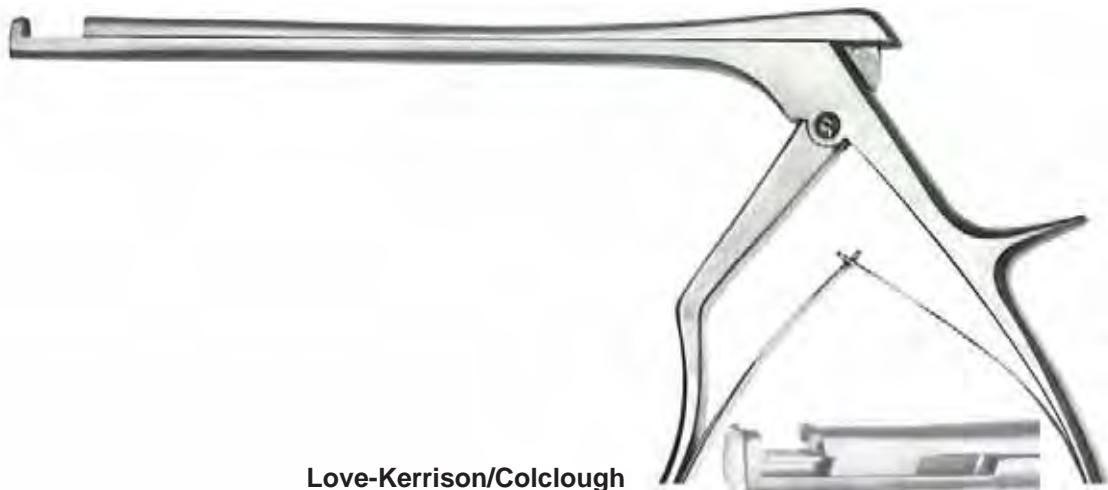
کریسون پانچ (پانچ دیسک)

Laminektomiestanzen

Laminectomy punches

Pinzas cortantes para laminectomía

Pince emporte-pièces à laminectomie



Love-Kerrison/Colclough

90°	aufwärts upbite arriba en haut	Bißbreite Width of bite ¹ 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**

كرييسون پانچ (پانچ دیسک)

Laminektomiestanzen

Laminectomy punches

Pinzas cortantes para laminectomía

Pince emporte-pièces à laminectomie



46



Ferris-Smith-Kerrison

	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	با زبانه تخلیه With Ejector
40°						18 cm, 7"	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

1/4

	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"
40°					
	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	



كرييسون پانچ (پانچ ديسك)

Laminektomiestanzen

Laminectomy punches

Pinzas cortantes para laminectomía

Pince emporte-pièces à laminectomie



	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"
90°		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

	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"
90°		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**

كرييسون پانچ (پانچ دیسک)

Laminektomiestanzen

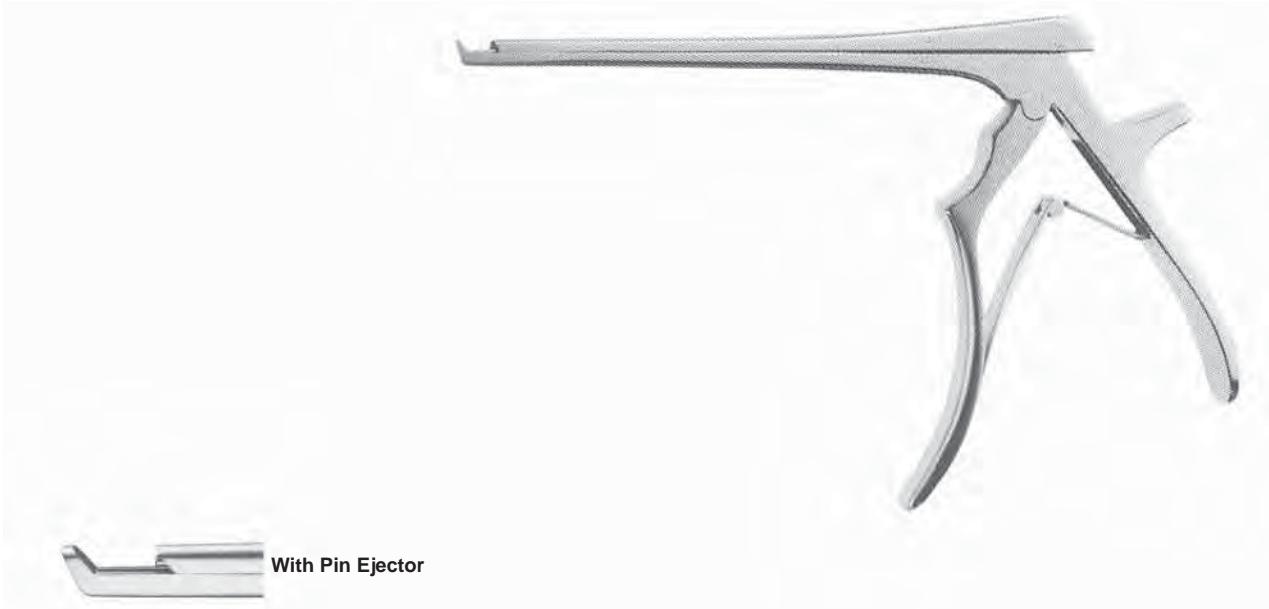
Laminectomy punches

Pinzas cortantes para laminectomía

Pince emporte-pièces à laminectomie



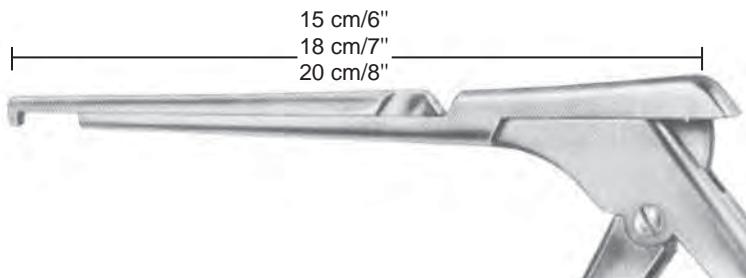
46



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
Pince 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° 	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

کریسون پانچ (پانچ دیسک)

Laminektomiestanzen

Laminectomy punches

Pinzas cortantes para laminectomía

Pince emporte-pièces à laminectomie



46



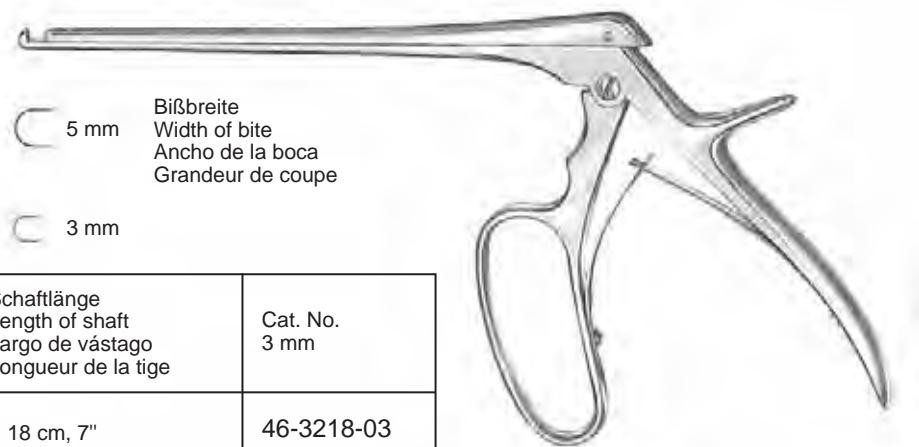
Ferris-Smith-Kerrison/Micro-Kerrison

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

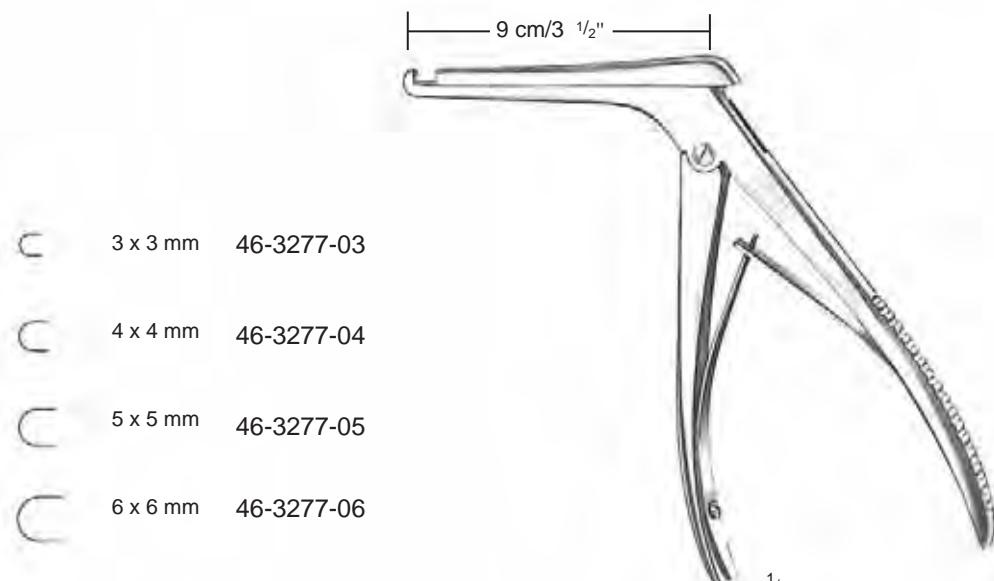


كرييسون پانچ (پانچ ديسك)
Laminektomiestanzen
Laminectomy punches
Pinzas cortantes para laminectomía
Pince emporte-pièces à laminectomie



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

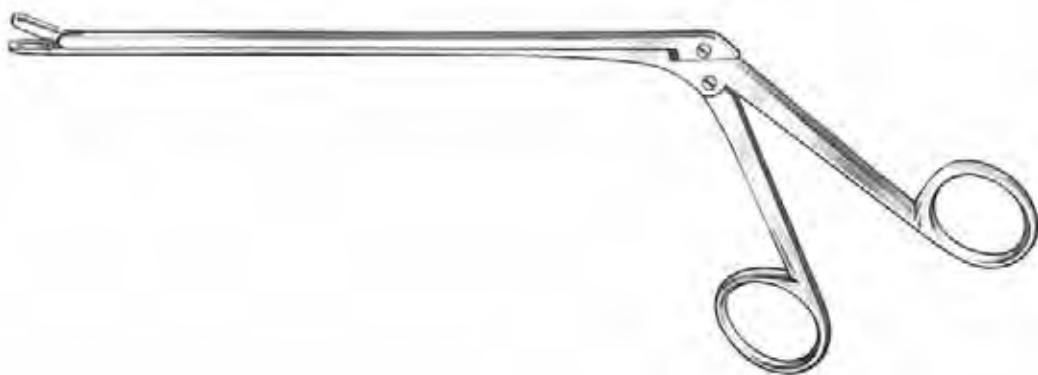
Detachable Ferris-Smith-Rongeurs

Pinzas cortantes Ferris-Smith (laminotomos) desmontables

Pinces emporte-pièces Ferris-Smith (Micro-Kerrison) démontables



پیتوتری رو تزور لامینکتومی
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pince emporte-pièces à laminectomie

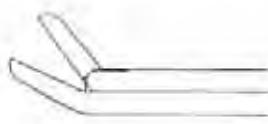
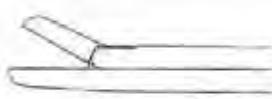


gerade
straight
rectas
droites

aufwärts
upward
hacia arriba
en haut

abwärts
downward
hacia abajo
en bas

1/1



Cushing

2,0 x 10 mm

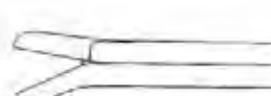
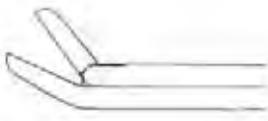


46-3313-02 = 13 cm/5"
 46-3415-02 = 15 cm/6"
 46-3518-02 = 18 cm/7"

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"

1/1



Love-Gruenwald

3,0 x 10 mm

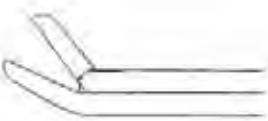


46-3313-03 = 13 cm/5"
 46-3415-03 = 15 cm/6"
 46-3518-03 = 18 cm/7"

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"

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"

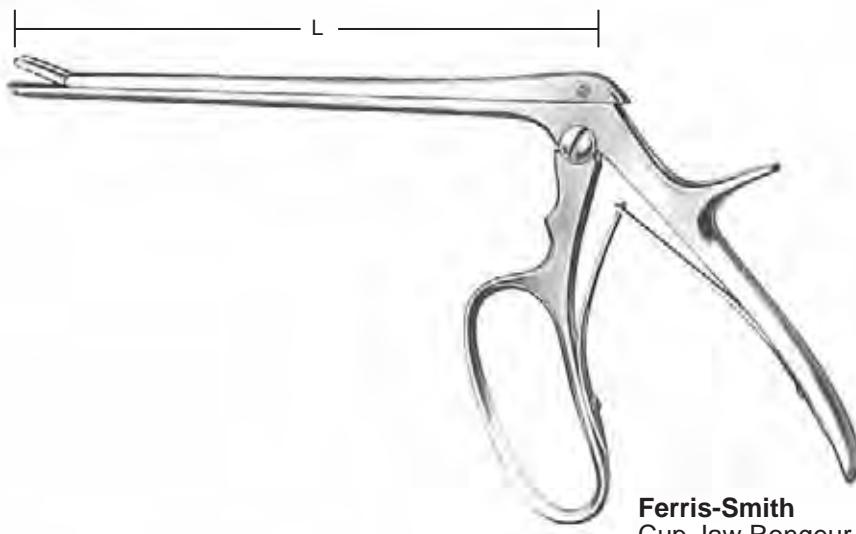
Love-Gruenwald

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	46-3718-02	46-3718-12
	3,0 x 10 mm	46-3718-03	46-3718-13
	4,0 x 10 mm	46-3718-04	46-3718-14
	5,0 x 10 mm	46-3718-05	46-3718-15
	6,0 x 10 mm	46-3718-06	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	46-3720-02	46-3720-12
	3,0 x 10 mm	46-3720-03	46-3720-13
	4,0 x 10 mm	46-3720-04	46-3720-14
	5,0 x 10 mm	46-3720-05	46-3720-15
	6,0 x 10 mm	46-3720-06	46-3720-16

46-3720-22

46-3720-23

46-3720-24

46-3720-25

46-3720-26



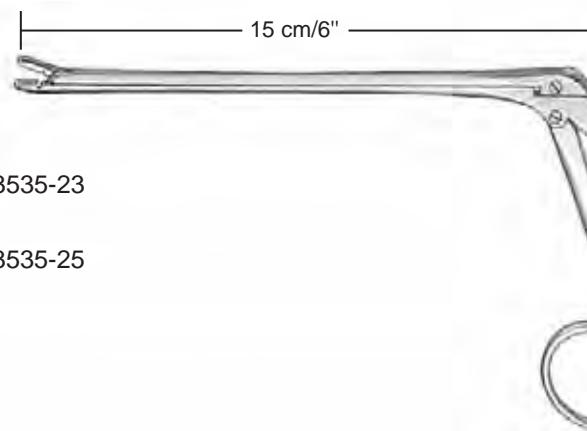
پیتوتری روتزور لامینکتومی
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pince emporte-pièces à laminectomie



$\frac{1}{1}$ 2 x 3 mm 46-3535-23



$\frac{1}{1}$ 2 x 5 mm 46-3535-25



Selverstone



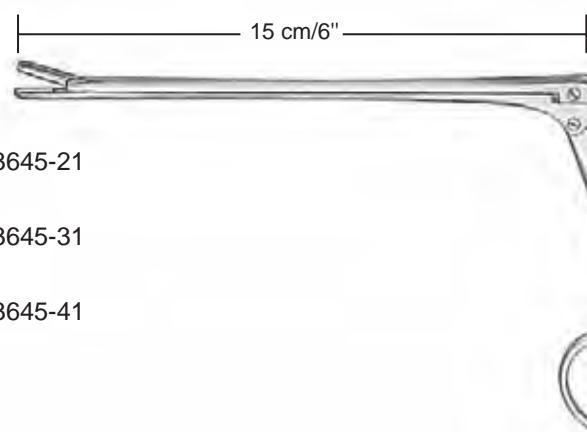
$\frac{1}{1}$ 2 x 10 mm 46-3645-21



$\frac{1}{1}$ 3 x 10 mm 46-3645-31



$\frac{1}{1}$ 4 x 10 mm 46-3645-41



Schlesinger



46-3645-61

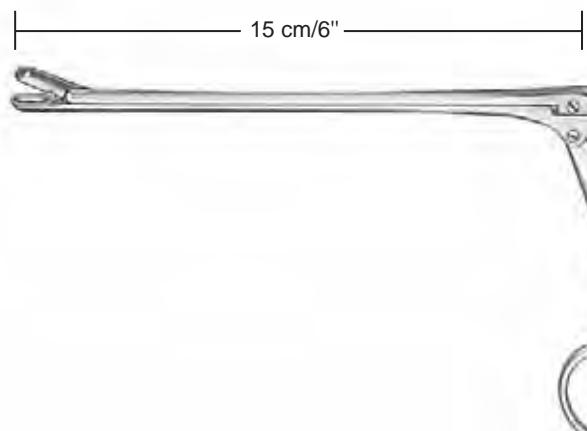


46-3645-62

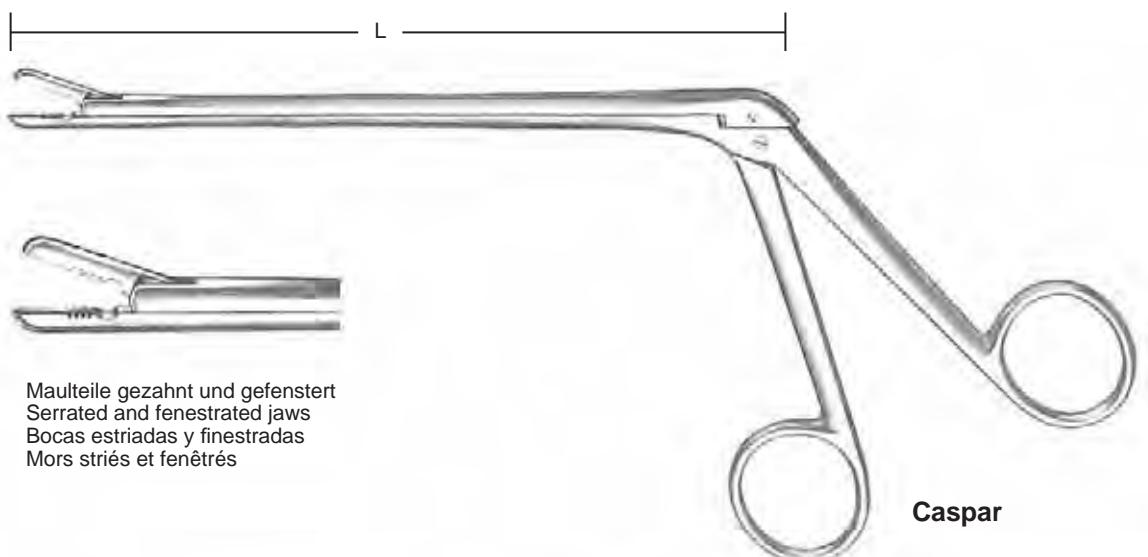


46-3645-63

$\frac{1}{1}$



Cloward
6 x 10 mm



2,0 x 12 mm	140 mm/5 1/2"	46-3684-02	46-3684-12	46-3684-32
	160 mm/6 1/4"	46-3686-02	46-3686-12	46-3686-32
	185 mm/7 1/4"	46-3688-02	46-3688-12	46-3688-32
3,0 x 12 mm	140 mm/5 1/2"	46-3684-03	46-3684-13	46-3684-33
	160 mm/6 1/4"	46-3686-03	46-3686-13	46-3686-33
	185 mm/7 1/4"	46-3688-03	46-3688-13	46-3688-33
4,0 x 14 mm	140 mm/5 1/2"	46-3684-04	46-3684-14	46-3684-34
	160 mm/6 1/4"	46-3686-04	46-3686-14	46-3686-34
	185 mm/7 1/4"	46-3688-04	46-3688-14	46-3688-34
5,0 x 14 mm	140 mm/5 1/2"	46-3684-05	46-3684-15	46-3684-35
	160 mm/6 1/4"	46-3686-05	46-3686-15	46-3686-35
	185 mm/7 1/4"	46-3688-05	46-3688-15	46-3688-35
6,0 x 16 mm	140 mm/5 1/2"	46-3684-06	46-3684-16	46-3684-36
	160 mm/6 1/4"	46-3686-06	46-3686-16	46-3686-36
	185 mm/7 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 15mm

Spekula für trans-sphenoidale Hypophysektomie
 Specula for trans-sphenoidal hypophysectomy
 Especulos para hipofisectomía trans-esfenoidal
 Spécumens pour l'hypophysectomie trans-sphenoidale

14 cm/5½"

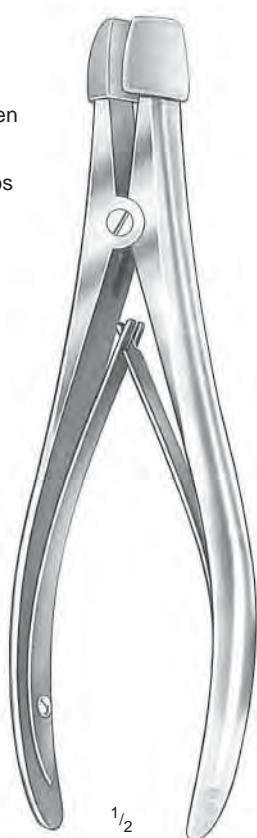


Landolt
 21,5 cm/8½"
 46-5714-21



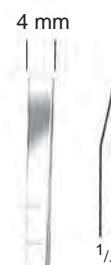
Landolt
 22 cm/8¾"
 46-5720-22

Spreizzange zum Spreizen
 der Spekula
 Spreader for specula
 Separador para especulos
 Ecarteur pour spéculums



Landolt
 21 cm/8 ¼"
 46-5713-21

½



Cottle
 18 cm/7"
 15-1418-54

4 mm
 ½
 ⅓
 ⅔



Cottle
 19 cm/7 ½"
 15-0039-24

30 mm Ø
 240 g (8½ oz.)

1 Seite flach
 1 Seite konkav
 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 Hypophysektomie
Specula for trans-sphenoidal hypophysectomy
Espátulos para hipofisección trans-esfenoidal
Spécultums pour l'hypophysectomie trans-sphenoidale

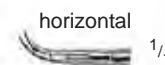
**Papavero-Hartmann**
46-5810-50

16,5 cm/6½"

**Nicola**

46-6120-03
Schere, gerade
Scissors, straight
Tijeras rectas
Ciseaux droites

aufgebogen
angled up
hacia arriba
en haut



horizontal
1/1

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

**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
Pinces fines mors curette

Ø 2,5 mm



ابزار هیپوفیز

Hypophysektomie-Instrumente
Pituitary Instruments
Instrumentos para hipofisección
Instruments pour l'hypophysectomie

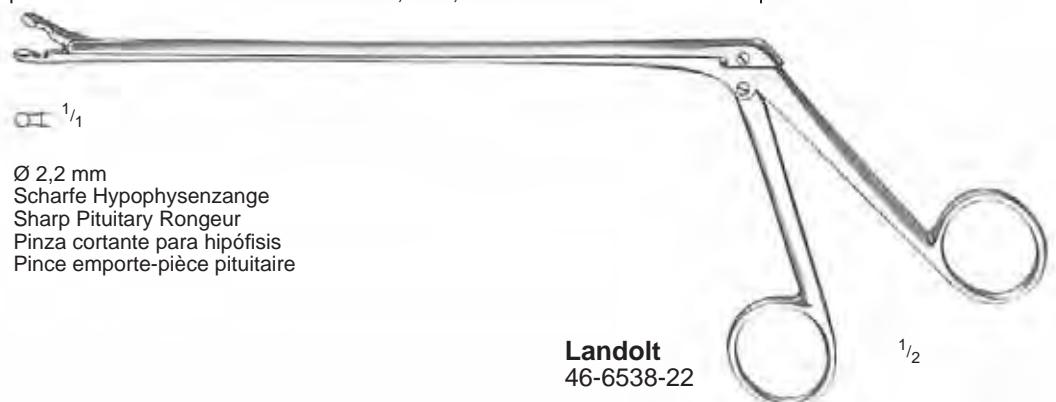
**Hypophysen- und
Tumorzangen**

**Pituitary Rongeurs and
Tumor Grasping Forceps**

**Pinzas para hipófisis
y para tumores**

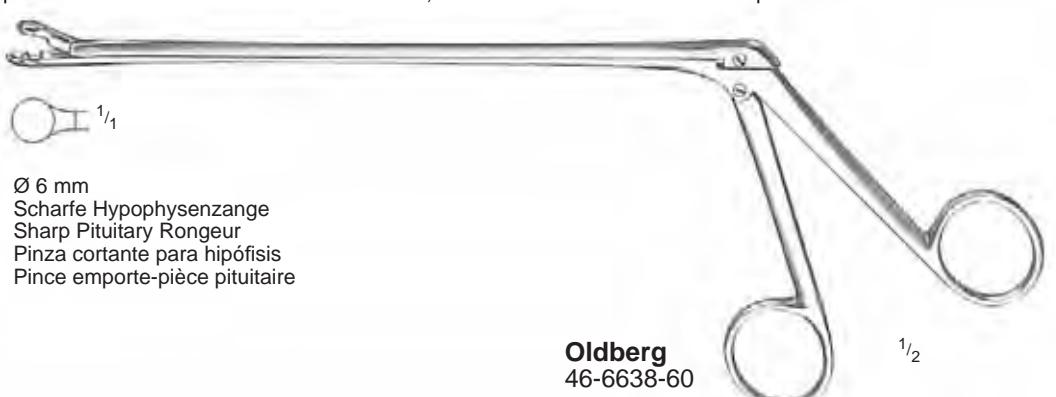
**Pinces pituitaires
et pour tumeurs**

18,5 cm, 7 1/4"



Landolt
46-6538-22

18 cm, 7"



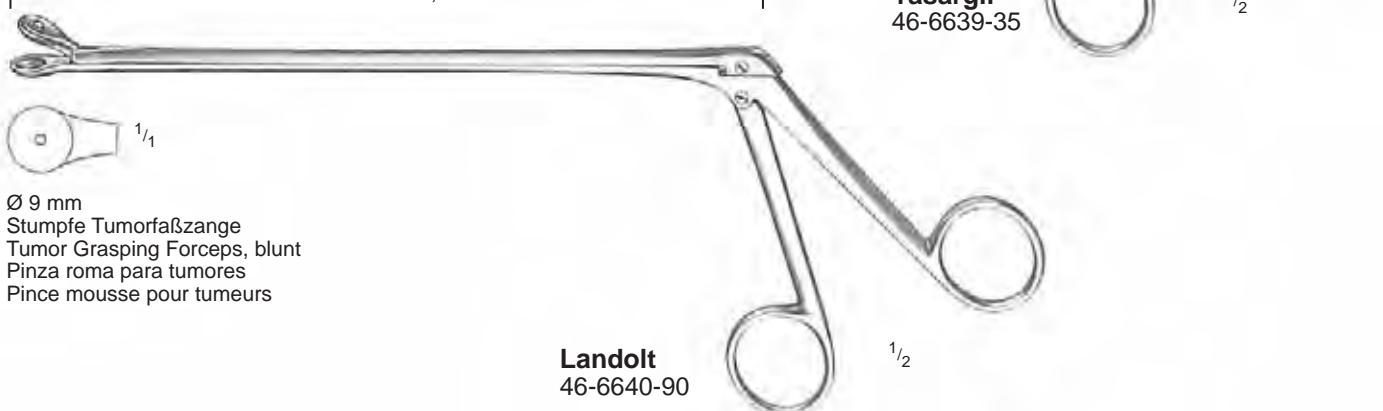
Oldberg
46-6638-60

18,5 cm, 7 1/4"



Yasargil
46-6639-35

20 cm, 8"



Landolt
46-6640-90

Ø 9 mm
 Stumpfe Tumorfäzzange
 Tumor Grasping Forceps, blunt
 Pinza roma para tumores
 Pince mousse pour tumeurs

Hypophysenküretten

Pituitary Curettes

Curetas pituitarias

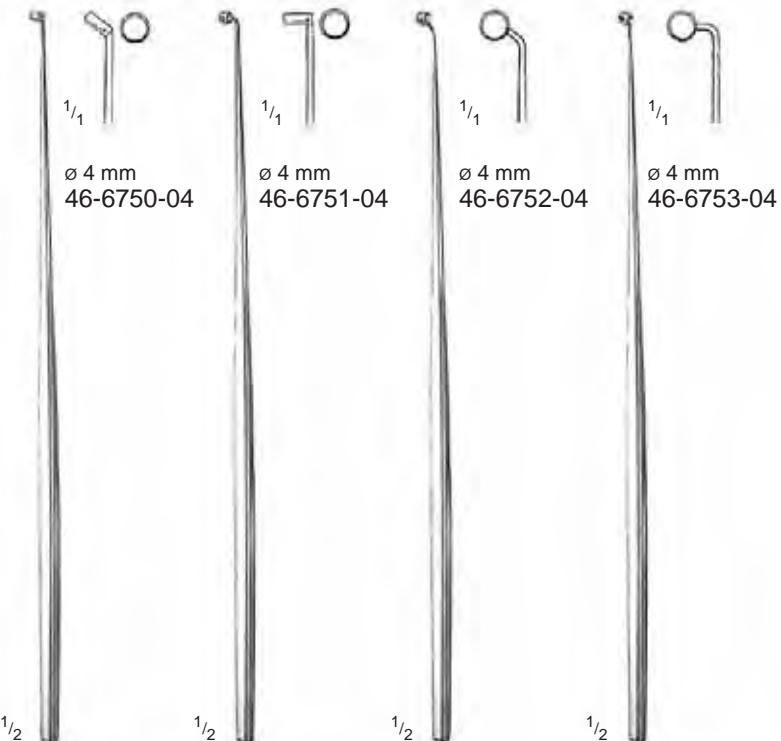
Curettes pituitaires

Ringküretten

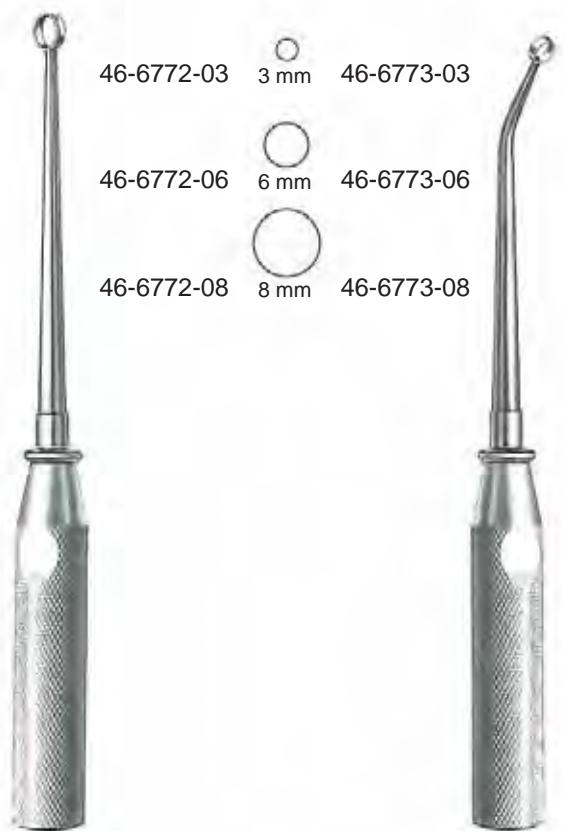
Ring Curettes

Curetas cortantes con anillos

Curettes tranchantes à anneaux



Ray
19 cm/7 1/2"



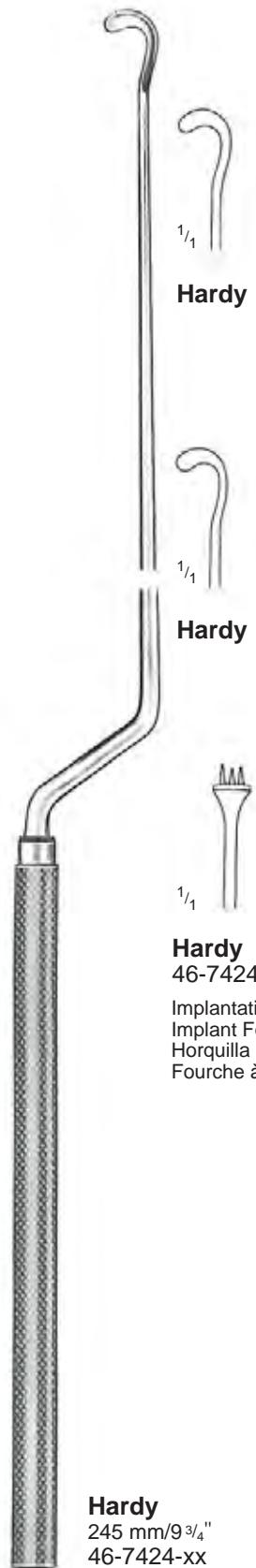
Cone
23 cm/9"

Cone
23 cm/9"



ابزار هیپوفیز

Hypophysektomie-Instrumente
Pituitary Instruments
Instrumentos para hipofisectomía
Instruments pour l'hypophysectomie

**Hardy**

46-7424-10

rechts/right
a la derecha
à droite

46-7424-11

46-7424-40

links/left
a la izquierda
à gauche

46-7424-41

HardyEnukleator, stumpf
Enucleator, blunt
Enucleador, romo
Enucleateur, mousse

46-7424-12

rechts/right
a la derecha
à droite

46-7424-13

46-7424-42

links/left
a la izquierda
à gauche

46-7424-43

HardyEnukleator, scharf
Enucleator, sharp
Enucleador, cortante
Enucleateur, tranchant**Hardy**

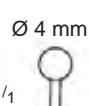
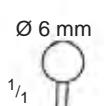
46-7424-50

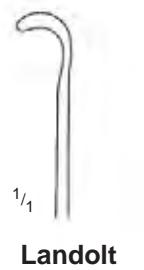
Implantationsgabel
Implant Fork
Horquilla para Implantaciones
Fourche à l'implantation**Hardy-Fahlbusch**

46-7424-68

Dissektor, innen scharf
Dissector, sharpened inner edge
Dissecador, corte interior
Décolleur, coupe à l'intérieur

46-7424-69

**Hardy**
46-7426-40Kürette, biegksam
Curette, malleable
Cureta maleable
Curette, malleable**Hardy**
46-7426-60Kürette, biegksam
Curette, malleable
Cureta maleable
Curette, malleable**Hardy**
245 mm/9 3/4"
46-7424-xx**Hardy**
260 mm/10 1/4"
46-7426-xx



Landolt

46-7446-05

rechts/right
a la derecha
à droite

46-7446-06

46-7446-35

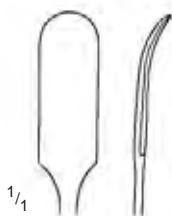
links/left
a la izquierda
à gauche

46-7446-36

Enukleator, stumpf, biegksam
Enucleator, blunt, malleable
Enucleador, romo, maleable
Enucleateur, mousse, malleable

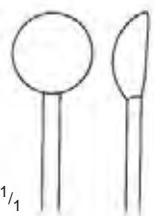


Landolt



Landolt
46-7446-07

Kürette, biegksam
Curette, malleable
Cureta maleable
Curette, malleable



Landolt
46-7446-08

Löffel, biegksam
Scoop, malleable
Cucharilla, maleable
Cuillère, malleable



Landolt
46-7446-09

Stumpfes Häkchen, biegksam
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

260 mm/10^{1/4}"

ابزار هیپوفیز

Hypophysektomie-Instrumente
Pituitary Instruments
Instrumentos para hipofisectomía
Instruments pour l'hypophysectomie

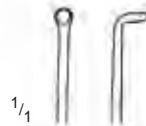


Fahlbusch
260 mm/10^{1/4}"



Fahlbusch
46-7456-05

Löffel, biegsam
Scoop, malleable
Cucharilla, maleable
Cuillère, malleable



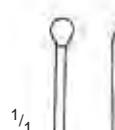
Fahlbusch
46-7456-07

Kürette, biegsam
Curette, malleable
Cureta maleable
Curette, malleable



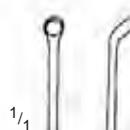
Landolt-Reulen
46-7456-22

Raspatorium, fest
Raspatory, rigid
Legra rigida
Rugine rigide



Landolt-Reulen
46-7456-32

Raspatorium, fest
Raspatory, rigid
Legra rigida
Rugine rigide



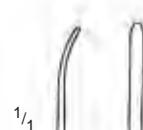
Landolt-Reulen
46-7456-45

Kürette, fest
Curette, rigid
Cureta, rigido
Curette, rigide



Landolt-Reulen
46-7456-67

Stumpfes Häkchen, fest
Blunt Hook, rigid
Gancho romo, rigido
Crochet mousse, rigide



Landolt-Reulen
46-7456-82

Dissektor, fest
Dissector, rigid
Disecador, rigido
Décolleur, rigide



löffeiformig
spoon-shaped
forma cucharilla
forme de cuillère

Yasargil

^{1/1}



Ø 3 mm

22 cm, 8 3/4" 46-8122-30

^{1/1}



Ø 5 mm

46-8122-50

^{1/1}



Ø 6 mm

46-8124-50

46-8123-30

46-8123-50

24 cm, 9 1/2"

46-8124-60

flach, gezahnt
flat, serrated
llano, estriado
plan, strié

Yasargil

^{1/1}



Ø 3 mm

46-8142-30

^{1/1}



Ø 5 mm

46-8143-30

46-8142-50

46-8143-50

kürettenförmig, gezahnt
curette jaws, toothed
forma cureta, dentada
en curette, strié

Heifetz

^{1/1}



Ø 3 mm

46-8152-30

^{1/1}



Ø 5 mm

46-8152-50

^{1/1}



Ø 3 mm

46-8154-30

^{1/1}



Ø 5 mm

46-8154-50

46-8123-#
46-8143-#
46-8154-#

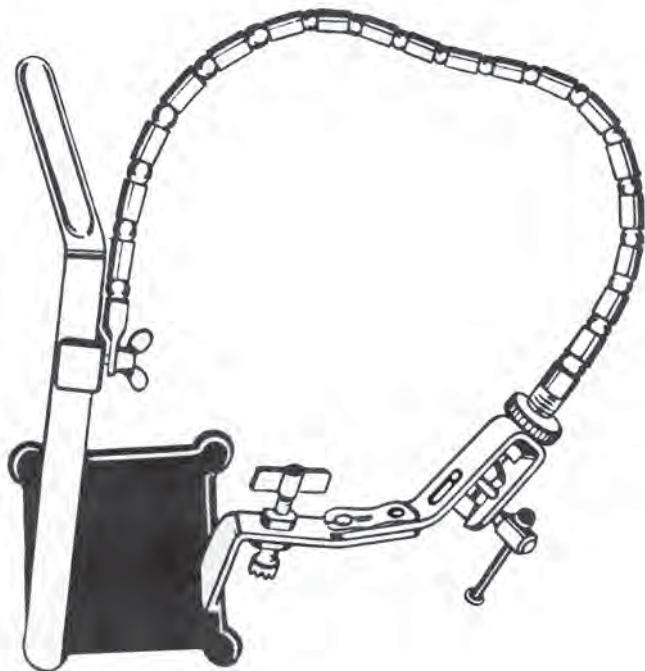
1/1 22 cm, 8 3/4"

1/1 22 cm, 8 3/4"



اكارتور مغزى ليبا

LEYLA Retraktoren System
LEYLA Retractor System
Separadores sistema "LEYLA"
Ecarteurs system "LEYLA"



LEYLA

46-9415-00

Hirnspatelhalter, einfach bestehend aus:
Retractor set, single, consisting of:
Separador singular, compuesto de:
Ecarteur simple, comprenant:

46-9415-01

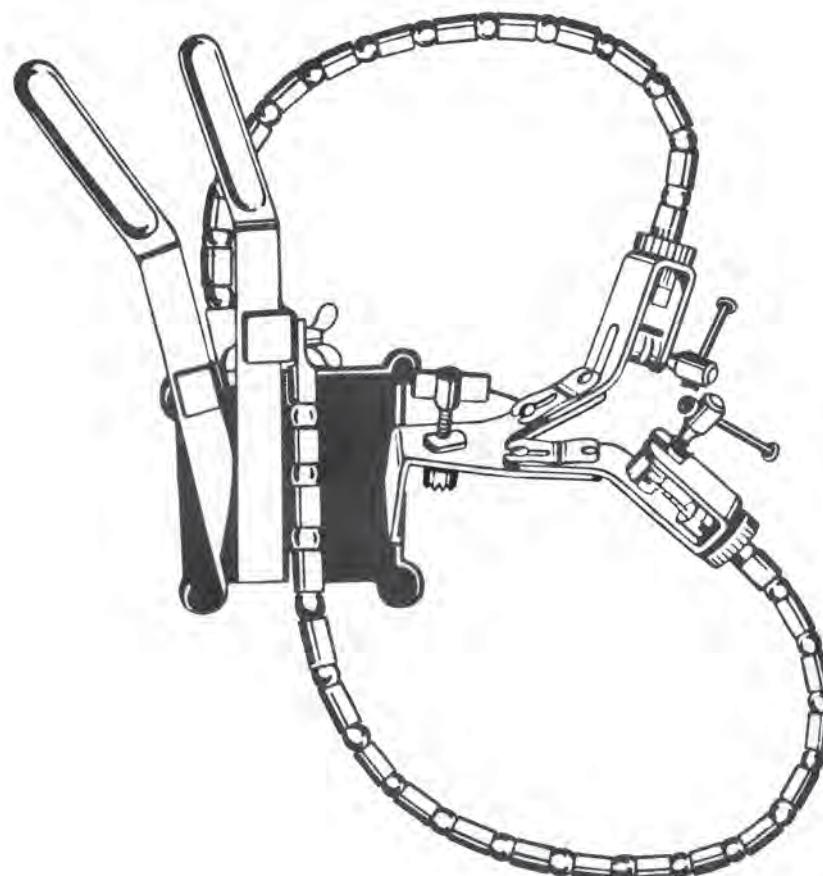
1 flexibler spannarm
1 flexible arm
1 brazo flexible
1 bras tendeur flexible

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-espártulas 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-espártulas 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 brazo flexible
Étau crânien double, 2 bras tendeurs flexible



46-9412-01

Fixiervorrichtung zum
Festchrauben an Rohrt-eilen
Fixation base, for mounting to round bars
Dispositivo a fijación
para mesas operatirias
Étau crânien, s'adaptant à la table d'opération



46-9410-00

Flachspatelhalter
Support for flat spatulas
Porta-espártulas, para espátulas planos
Porte-spatule, pour spatules plates



46-9413-01

Spatelhalter für Rundgriff-Instrumente
Support for round spatulas
Porta-espártulas, 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.)

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47



ابزار جراحی میکرو و عصب

Instrument Zur Mikrochirurgie und zur Mikro-Neurochirurgie

Instruments for Microsurgery and Micro-Neurosurgery

Instrumentos para la microcirugía y la micro-neuro cirugía

Instruments pour la microchirurgie et la micro-neurochirurgie



پنست میکرو بایوتنی

**Micropinzenetten
Micro Forceps
Micropinzas
Micropinces**



$^{1/1}$
tips 0,6 mm

$^{1/1}$
tips 0,9 mm

$^{1/1}$
1 x 2

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

47-3209-16	
47-3209-18	47-3212-18
47-3209-20	
47-3209-22	
47-3209-24	

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-pince à ligatures, manches rotatifs, avec plateforme

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

$\frac{1}{1}$	6 x 0,4 mm	6 x 0,4 mm	6 x 0,8 mm	6 x 0,8 mm
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

$\varnothing 8\text{ mm}$



پنسٹ میکرو
Mikropinzen
Micro Forceps
Micropinzas
Micropinces

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-pince à ligatures, manches rotatifs, avec plateforme



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 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 1/4"

47-3356-21

47-3357-21



$\varnothing 8 \text{ mm}$

A



B

Einige Mikro-Pinzen 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 micropincées à manches rotatifs sont également disponibles en modèle „Heifetz“ (A) ou en modèle „contrebalancé“ (B). Demandez les détails, s.v.p.



Mikro-Pinzen 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

1/1

15 cm/6"

47-3381-15

2 mm

1/1

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

1/1

15 cm/6"

47-3391-15

2 mm

1/1

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
Gefäßdilatatoren, -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
 Gefäßdilatator
 Vessel Dilator
 Dilatador para vasos
 Dilatateur à vaisseaux



Ø 1,0 mm

12,5 cm/5"
 47-7012-10
 Gefäßdilatator
 Vessel Dilator
 Dilatador para vasos
 Dilatateur à vaisseaux



Ø 1,5 mm

12,5 cm/5"
 47-7012-15
 Gefäßdilatator
 Vessel Dilator
 Dilatador para vasos
 Dilatateur à vaisseaux



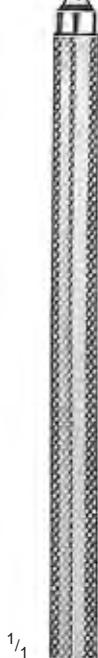
Biemer
 16 cm/6 1/4"
 47-7016-10
 Gefäßspreizer
 Vessel Spreader
 Separador para vasos
 Ecarteur à vaisseaux



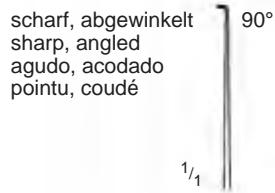
Jacobson
 18,5 cm/7 1/4"
 47-7018-01
 Knopfsonde
 Probe with Ball Tip
 (Counter Presser)
 Estilete abotonado
 Sonde boutonnée



Jacobson
 18,5 cm/7 1/4"
 47-7018-02
 Doppelsonde
 Vessel Probe, double prong
 Estilete abotonado doble
 Sonde boutonnée double

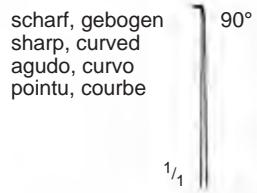


1/1

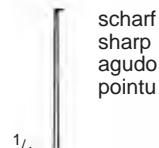


Fisch

18,5 cm/7 $\frac{1}{4}$ "
47-7018-03
Feines Häkchen
Delicate Hook
Ganchito muy fino
Crochet très fin



18,5 cm/7 $\frac{1}{4}$ "
47-7018-04
Durahäkchen
Dura Hook
Ganchito para dura-madre
Crochet à dure-mère

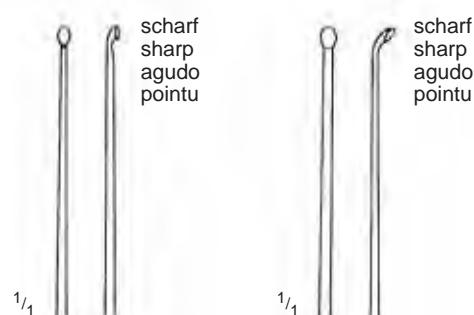


23 cm/9"
47-7023-30
Feines Häkchen
Delicate Hook
Ganchito muy fino
Crochet très fin

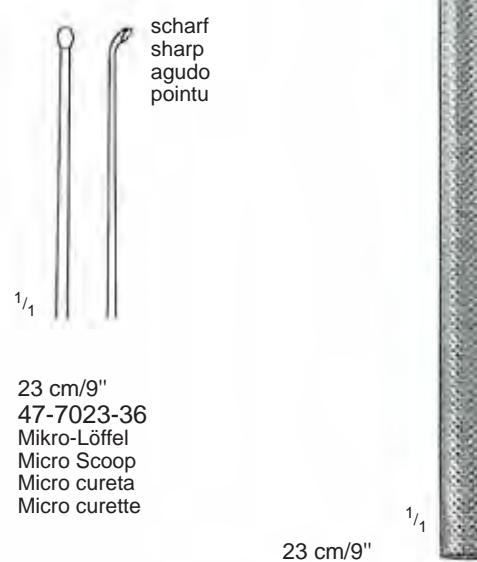


23 cm/9"
47-7023-31
Feines Häkchen
Delicate Hook
Ganchito muy fino
Crochet très fin

Yasargil
18,5 cm/7 $\frac{1}{4}$ "
47-7018-08
Mikro-Löffel
Micro Scoop
Micro cureta
Micro curette



23 cm/9"
47-7023-35
Mikro-Löffel
Micro Scoop
Micro cureta
Micro curette



23 cm/9"
47-7023-36
Mikro-Löffel
Micro Scoop
Micro cureta
Micro curette

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

1/1 23 cm/9"



انواع هوك ميكرو

Verschiedene Mikro-Instrumente
Various Micro Instruments
Micro-instrumentos diversos
Micro-instruments divers

Hautkralle mit Schutz
 Double Pick with protection
 Gancho doble con protector
 Crochet double avec tube protecteur

Fadengabel
 Suture Pusher
 Empujador de sutura
 (horquilla para hilos)
 Fourche à fil

Nerv- und Gefäßhähkchen
 Nerve and Vessel Hooks
 Ganchitos para nervios y vasos
 Crochet à nerfs et à vaisseaux



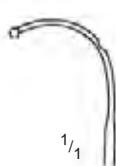
Ø 1,8 mm

Yasargil
 47-7018-18 47-7518-19
 ohne Schutz
 w/o protection
 sin protector
 sans protecteur

Fadenführer
 Ligature guide
 Conducteur de hilo
 Passe-fil



Yasargil
 47-7018-41



Yasargil
 47-7018-42



Yasargil
 47-7018-43



Yasargil
 47-7018-44

1/1

18,5 cm, 7 1/4"

چاقوی ظریف عروقی

Mikro-Gefäßmesser

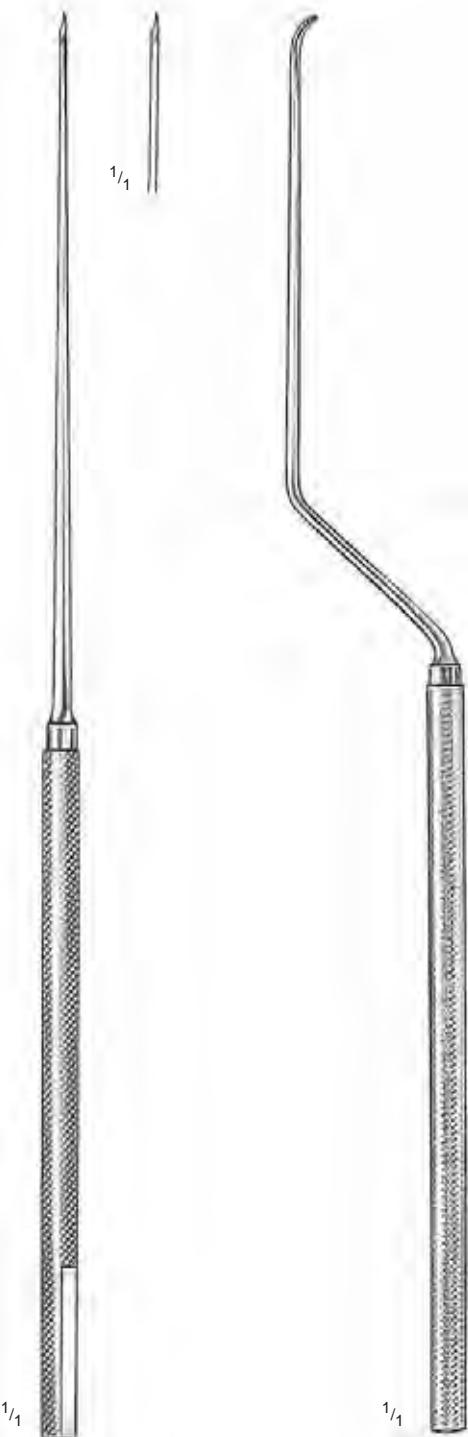
Micro Vessel Knives

Micro-cuchillos para vasos

Micro-couteaux pour vaisseaux



47



Jacobson

18,5 cm/7^{1/4}"

47-7019-05

18,5 cm/7^{1/4}"

Arachnoidea-Messer
Arachnoidea Knives
Bisturíes para membrana aracnoidea
Bistouris à arachnoïde

Koos
47-7019-10

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

Koos
47-7019-11

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas

Koos
47-7019-20

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

Koos
47-7019-21

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas



Koos
47-7019-26

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut



Koos
47-7019-27

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas



Yasargil
47-7019-35

aufgebogen
curved upwards
curvo hacia arriba
courbe vers le haut

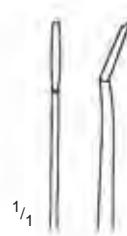


Yasargil
47-7019-36

abgebogen
curved downwards
curvo hacia abajo
courbe vers le bas



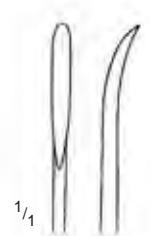
الويتور ميكرو
Mikro-Raspatorien
Micro Raspatories
Legras micro
Micro rugines



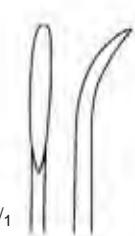
Yasargil
 18,5 cm/7¹/₄"
 47-7118-02



Yasargil
 18,5 cm/7¹/₄"
 47-7118-04



Yasargil
 18,5 cm/7¹/₄"
 47-7118-05



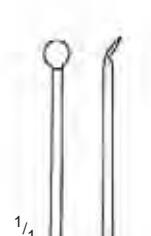
Yasargil
 18,5 cm/7¹/₄"
 47-7118-06



Yasargil
 18,5 cm/7¹/₄"
 47-7118-13
 Dissektor
 Dissector
 Dissecador
 Dissecteur



Butler
 23 cm/9"
 47-7123-01
 plattenförmig
 round blade
 legra redonda
 lame ronde



Butler
 23 cm/9"
 47-7123-02
 plattenförmig
 round blade
 legra redonda
 lame ronde

الويتور ميكرو

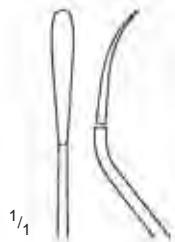
Mikro-Raspatorien
Micro Raspatories
Legras micro
Micro rugines

Fadengabel
Suture Pusher (Knot Tier)
Horquilla para suturas
Fourche à fil

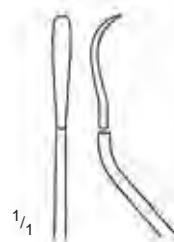


47

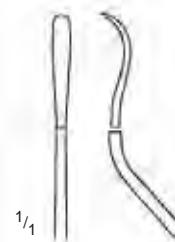
Mikro-Raspatorien
Micro Raspatories
Legras micro
Micro rugines



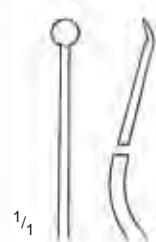
Yasargil
18,5 cm/7¹/₄"
47-7118-20



Yasargil
18,5 cm/7¹/₄"
47-7118-21

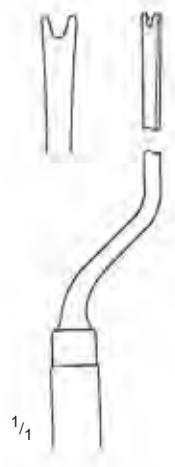


Yasargil
18,5 cm/7¹/₄"
47-7118-22



Butler
23 cm/9"
47-7123-11

Fadengabel
Suture Pusher (Knot Tier)
Horquilla para suturas
Fourche à fil



Casper
23 cm/9"
47-7123-99



ابزار میکرو روتون

Rhoton Instrumente für die Mikro-Neurochirurgie**Rhoton Microsurgical Instruments****Instrumental Rhoton para la Micro-neurocirugía****Rhoton, instruments pour la micro-neurochirurgie**

Ø 1 mm



47-7219-01

Dissektor, rund
Dissector, round
Dissecador, redondo
Dissecteur, rond

Ø 2 mm



47-7219-02

Dissektor, rund
Dissector, round
Dissecador, redondo
Dissecteur, rond

Ø 3 mm



47-7219-03

Dissektor, rund
Dissector, round
Dissecador, redondo
Dissecteur, rond

Ø 1 mm



47-7219-10

Dissektor, spatelförmig
Dissector, spatula shaped
Dissecador, forma espátula
Dissecteur, en spatule

Ø 1,5 mm



47-7219-15

Dissektor, spatelförmig
Dissector, spatula shaped
Dissecador, forma espátula
Dissecteur, en spatule

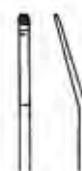
Ø 2,0 mm



47-7219-20

Dissektor, spatelförmig
Dissector, spatula shaped
Dissecador, forma espátula
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



47-7219-50

Nadel, halbscharf
Needle, semi-sharp
Aguja, semi-aguda
Aiguille, demi-aigue

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 boutonnée, 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-dissecador
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

Mikroumführungsneedeln
Micro-ligation-needles
Micro-agujas para ligaduras
Micro-aiguilles à ligature

3 mm



47-7319-73

5 mm



47-7319-75

$1/1$

19 cm/7 $\frac{1}{2}$ "



نوع هوک

Explorations- und Koagulationshäkchen
Exploration- and Coagulation Hooks
Ganchos exploración y coagulación
Crochets d'exploration et coagulation



1/1

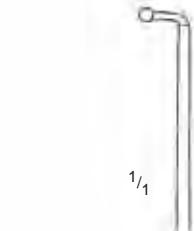
Caspar
24,5 cm/9 3/4"



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

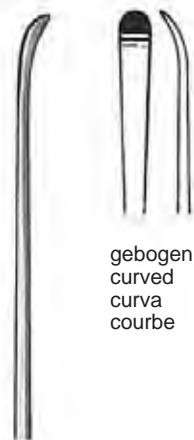
47-7424-54
nicht isoliert
not insulated
sin aislamiento
sans isolation

الويتور ميكرو

Mikro-Dissektoren
Micro Dissectors
Micro disecadores
Micro dissecteurs



47



gebogen
curved
curva
courbe



abwärts gebogen
curved down
curva hacia abajo
courbes en bas

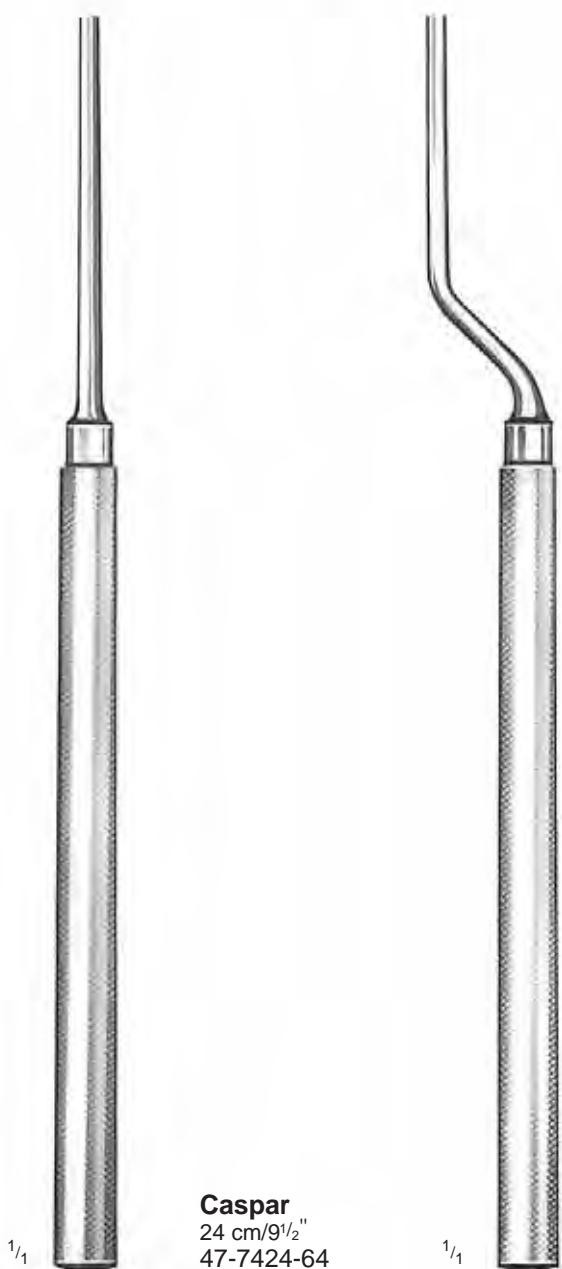


2 mm

Caspar

24 cm/9 $\frac{1}{2}$ "
47-7424-82

abwärts gebogen
curved down
curva hacia abajo
courbes en bas





دايسكتور ميكرو - نيدل ميكرو

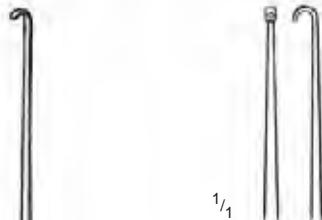
Mikro-Umführungsneedeln, -Dissektoren

Micro Ligature Needles, Dissectors

Micro-agujas para ligaduras, -disecadores

Micro-aiguilles à ligature, -décolleurs

Mikro-Umführungsneedeln
Micro Ligature Needles
Micro-agujas para ligaduras
Micro-aiguilles à ligature



22 cm, 8 3/4" 47-7522-01
24 cm, 9 1/2" 47-7524-02



22 cm, 8 3/4" 47-7522-03
24 cm, 9 1/2" 47-7524-04

Mikro-Dissektoren
Micro-dissectors
Micro-dissecadores
Micro-dissecteurs



gebogen
curved
curva
courbe



Casper
21,5 cm/8 1/2"
47-7522-21
abwärts gebogen
curved down
curva hacia abajo
courbe en bas



Casper
21,5 cm/8 1/2"
47-7522-31
aufgebogen
curved up
curva hacia arriba
courbe en haut

1/1
22 cm/8 3/4"
24 cm/9 1/2"

1/1
22 cm/8 3/4"
24 cm/9 1/2"

Casper
21,5 cm/8 1/2"
47-7522-10

1/1

چنگال تومور

Tumorgabeln

Tumor Forks

Horquillas para tumores

Fourches à tumeurs



47



3 mm
47-7523-30



4 mm
47-7523-40



5 mm
47-7523-50



8 mm
47-7523-80

Okonek-Yasargil
23 cm/9"



دایسکتور میکرو

Mikro-Dissektoren, Raspatorien
Micro Dissectors, Raspatories
Micro-Disecadores, Legras
Micro-Dissecteurs, Rugines

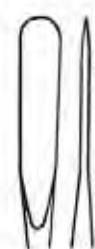
**Spateldissektoren****Spatula dissectors**

Disecadores forma espátula
Dissecteurs en spatule

8 x 100 mm



5 x 20 mm



47-7524-25

gerade
straight
rectas
droit

Winkeldissektoren**Dissectors, angled**

Disecadores, acodados
Dissecteurs, coudés

5 mm



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

نروهوك بايوتنى (هوک عصب)
Nervhaken

Nerve Hooks

Ganchos para nervios

Crochets à nerfs



47



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

47



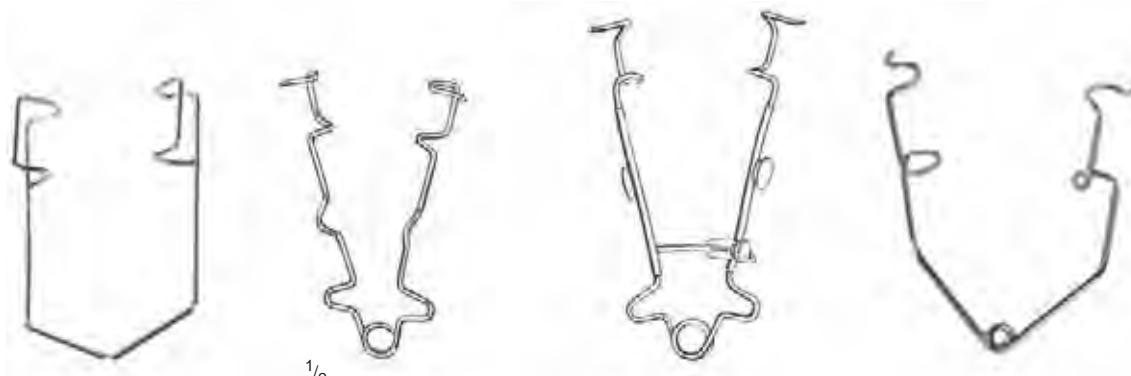


جراحی چشم

Ophthalmologie
Ophthalmology
Oftalmología
Ophthalmologie



اسپکلوم چشمی • Eye Specula • Blefarostatos • Blépharostats

**Colibri**

60-0099-03

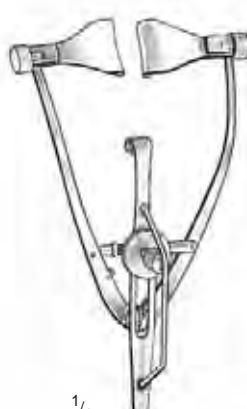
Bowman7 cm/2 3/4"
60-0100-07
 Blade Size
 Premature 3 mm
 Infant Size 5 mm
 Child Size 10 mm
 Adult Size 15 mm
Graefe7 cm/2 3/4"
60-0104-07
 für Kinder
 for children
 para niños
 pour enfants
 für Erwachsene
 for adults
 para adultos
 pour adultes
Kratz

60-0106-07

**Corcelle**

60-0114-45

Plate Size 13,5 mm

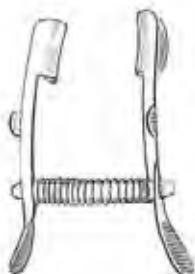
**Weiss**8 cm/3 1/4"
60-0115-08**Lancaster**8 cm/3 1/4"
60-0130-08**Lieberman Lid Speculum**Blade Size 14 mm
60-0118-08**Park-Guyton**8 cm/3 1/4"
60-0150-08**Park-Maumenee**8 cm/3 1/4"
60-0154-08



اسپکلوم چشمی Sperrelevatoren • Eye Specula • Blefarostatos • Blépharostats

für Kinder
for children
para niños
pour enfants

für Erwachsene
for adults
para adultos
pour adultes



Mellinger-Beard
5 cm/2"
60-0180-05

7 cm/2 3/4"
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



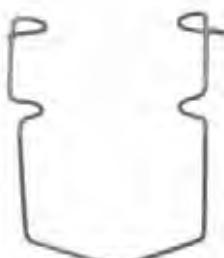
Reversible Speculum
60-0193-08
Plate Size 13,5 mm



Lachrymal Sac Retractor
60-0197-08
اکارتور 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



Jaeger
11 cm/4½"
60-0301-11

gerade
straight
rectas
droits

gebogen
curved
curvas
courbes

60-0400-05 60-0401-05



**De Wecker
Forceps**
5 cm/2"

gerade
straight
rectas
droits

60-0500-12

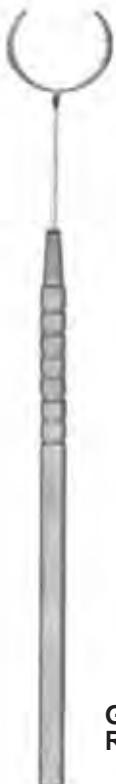
gebogen
curved
curvas
courbes

60-0501-12

**Akahoshi Phaco
Prechopper**
11,5 cm/4¼"



Glaucoma Punch
60-0600-13



**Globe fixation
Ring**
60-0700-13



**Globe fixation
Ring Thornton**
60-0720-13





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/5½"
60-1226-13



Reversed Sinskey Manipulator
12,5 cm/5"
60-1228-13



Stripper
13 cm/5"
60-1230-13



Sinskey IOL Manipulating 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
Discador 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 3/4"
60-1420-12

Kuhnt
13 cm/5"
60-1430-13

Kuhnt
12 cm/4 3/4"
60-1440-12

Kuhnt
13 cm/5"
60-1450-13

Hornhautmesser
Corneal Knife
Cuchillo para la córnea
Couteau cornéal

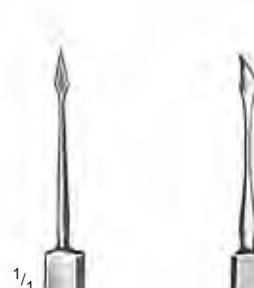


Gill
12 cm/4 3/4"
60-1475-12

Fremdkörperinstrumente
Foreign Body Instruments
Instrumentos para cuerpos extraños
Instruments à corps étrangers

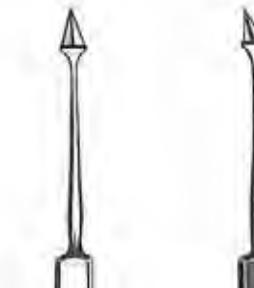
Parazentesenadel
Paracentesis Needle
Aguja para paracentesis
Aiguille à paracentèse

Starnadel
Cataract Needle
Aguja para catarata
Aiguille à cataracte



12 cm/4 3/4"
60-1610-12

12 cm/4 3/4"
60-1611-12



Desmarres
13 cm/5"
60-1630-13

Desmarres
13 cm/5"
60-1631-13

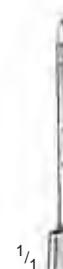


13 cm/5"
60-1650-13

13 cm/5"
60-1651-13



1/1



Schweiz. Mod.
13 cm/5"
60-1660-13



La Force
12 cm/4 3/4"
60-1665-12



Meyer
12 cm/4 3/4"
60-1670-12



Nicati
12 cm/4 3/4"
60-1674-12



Bowman
12 cm/4 3/4"
60-1702-12



Bowman
12 cm/4 3/4"
60-1703-12



Schwegger
12 cm/4 3/4"
60-1720-12



Cystotome
Cystotomes
Quistótomas
Kystotomes

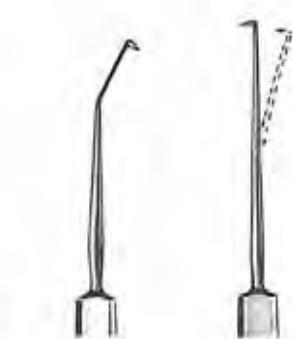


$1\frac{1}{2}$

links
left
izquierdo
ágauche



rechts
right
derecho
à droite



biegsam
malleable
maleable
malléable

8,5 mm 60-1913-85
9,5 mm 60-1913-95



7 mm	60-1916-07
8 mm	60-1916-08
9 mm	60-1916-09
7,5 mm	60-1916-75
8,5 mm	60-1916-85
9,5 mm	60-1916-95



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"
60-2035-10

Mendez
Degree Gauge
13 cm/ 5"
60-1914-36

**Corneal Trehpine
for Lasek**
13 cm/ 5"

Straight Jaw with
smooth inside
surfaces (for
atraumatic tissue
grasping)

Manual control
without silicone
chamber



**Intraocular
Forcepe**
14,5 cm/ 5 $\frac{1}{4}$ "
60-2022-14



Localizer
13 cm/ 5"
60-2025-13



**Aspirating Hand
Piece**
14 cm/ 5 $\frac{1}{2}$ "
60-2027-14



Back Flush
14,5 cm/ 5 $\frac{1}{4}$ "
60-2031-15



Lens Holding Ring
With silicone tube for
suturing to sclera



60-2036-10

Sclera Depressor
11,5 cm/ 4 $\frac{1}{4}$ "
60-2038-12



Verschiedene Spatel
Various Spatulas
Varias Espátulas
Spatules diverses



Irispatel
Iris Spatulas
Espátulas para iris
Spatules pour l'iris

^{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 1/2"
60-2137-14



Orbital Spatula
15,5 cm/6 1/4"
60-2140-16



1,5 x 15 mm

1,2 x 12 mm

Zyklodialysespatel
Cyclodialysis Spatulas
Espátulas para ciclodíalisis
Spatules pour cyclodialyse

^{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 1/2"
60-2214-15



0,5 mm 1,0 mm

60-2305-08

60-2310-08

8 mm

60-2305-10

60-2310-10

10 mm

60-2305-12

60-2310-12

12 mm

60-2305-14

60-2310-14

14 mm

60-2305-16

60-2310-16

16 mm

60-2305-18

60-2310-18

18 mm

^{1/1}



Castroviejo-Barraquer

Zyklodialysespatel
Cyclodialysis Spatula
Espátula para ciclodíalisis
Spatule pour cyclodialyse



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



Phaco Spatula
(Secondary instrument)
13 cm/5"
60-2416-13



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



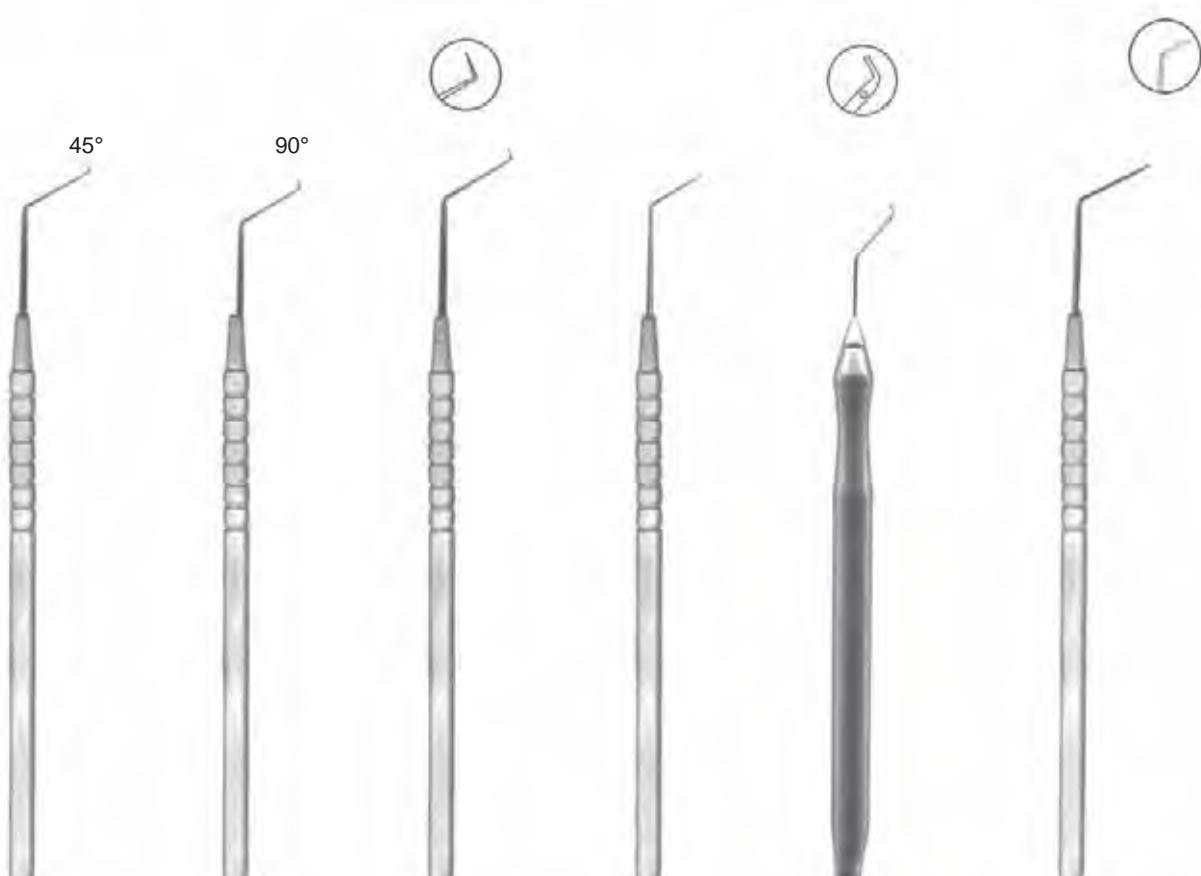
Lasik Spatula
12,5 cm/5"
60-2426-13



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

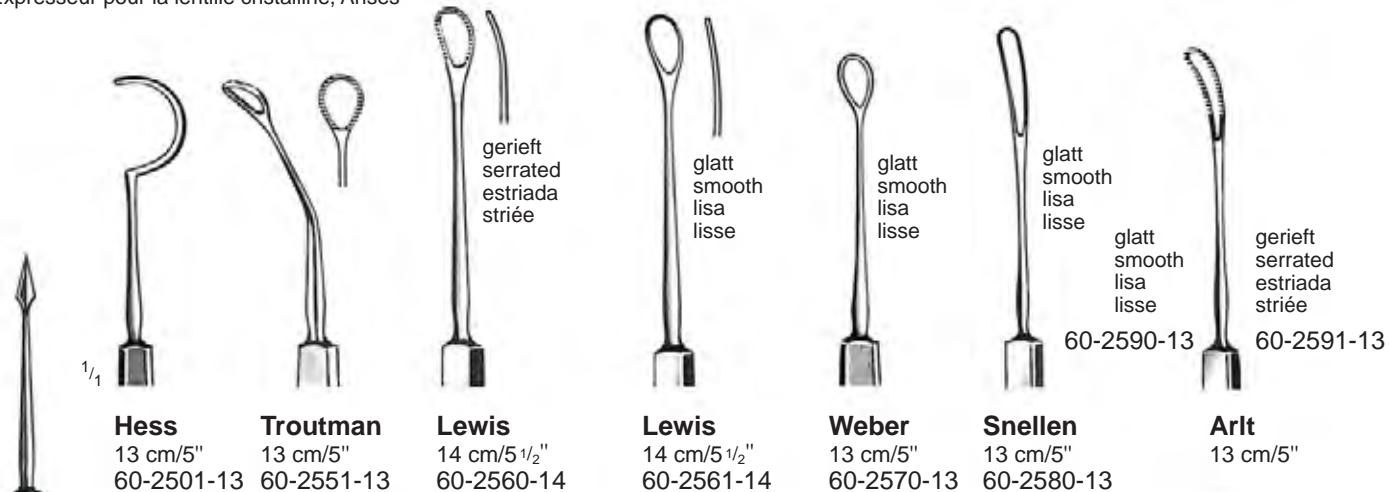
Phaco Chopper "CHUNG" finger tip
13 cm/5"
60-2455-13

Phaco Chopper
Nagahara-Type
Irrigating-Cannulated
12 cm/4^{3/4}"
60-2457-12

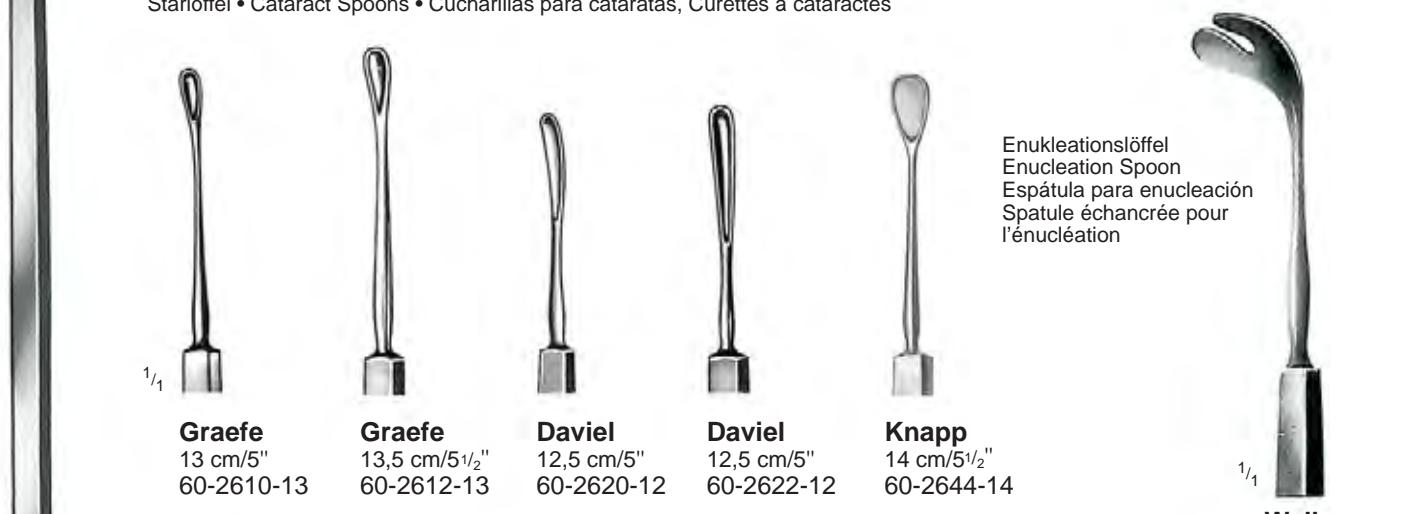
Nucleus Devider
Phaco section
13 cm/5"
60-2459-13



Linsenschieber, Drahtschlingen
Lens Expressor, Lens Loops
Expresor para el cristalino, Asas
Expresseur pour la lentille cristalline, Anses

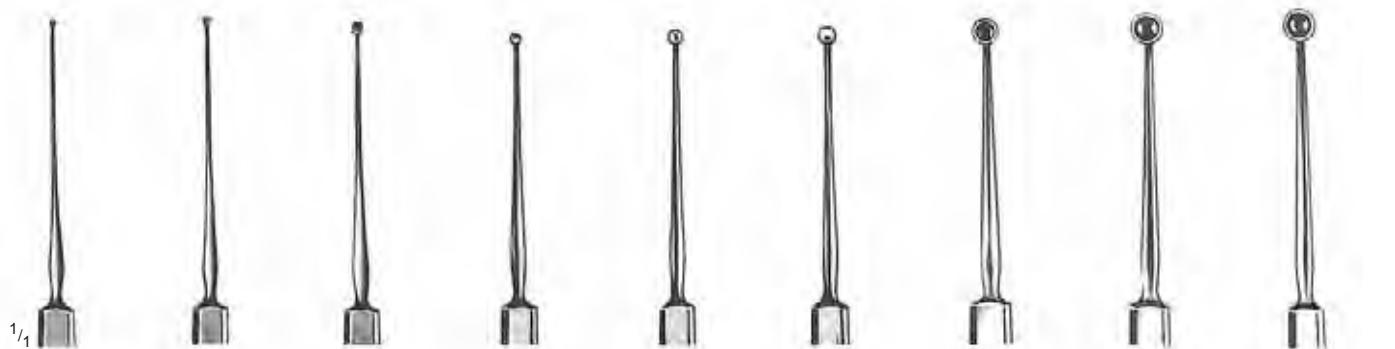


Starlöffel • Cataract Spoons • Cucharillas para cataratas, Curettes à cataractes





Chalazionslöffel, Tränensackdissektor
Chalazion Curettes, Lachrymal Sac Dissector
Cucharillas para chalazión, Disecador para el saco lacrimal
Curettes tranchantes à chalazion, Dissecteur pour le sac lacrimal



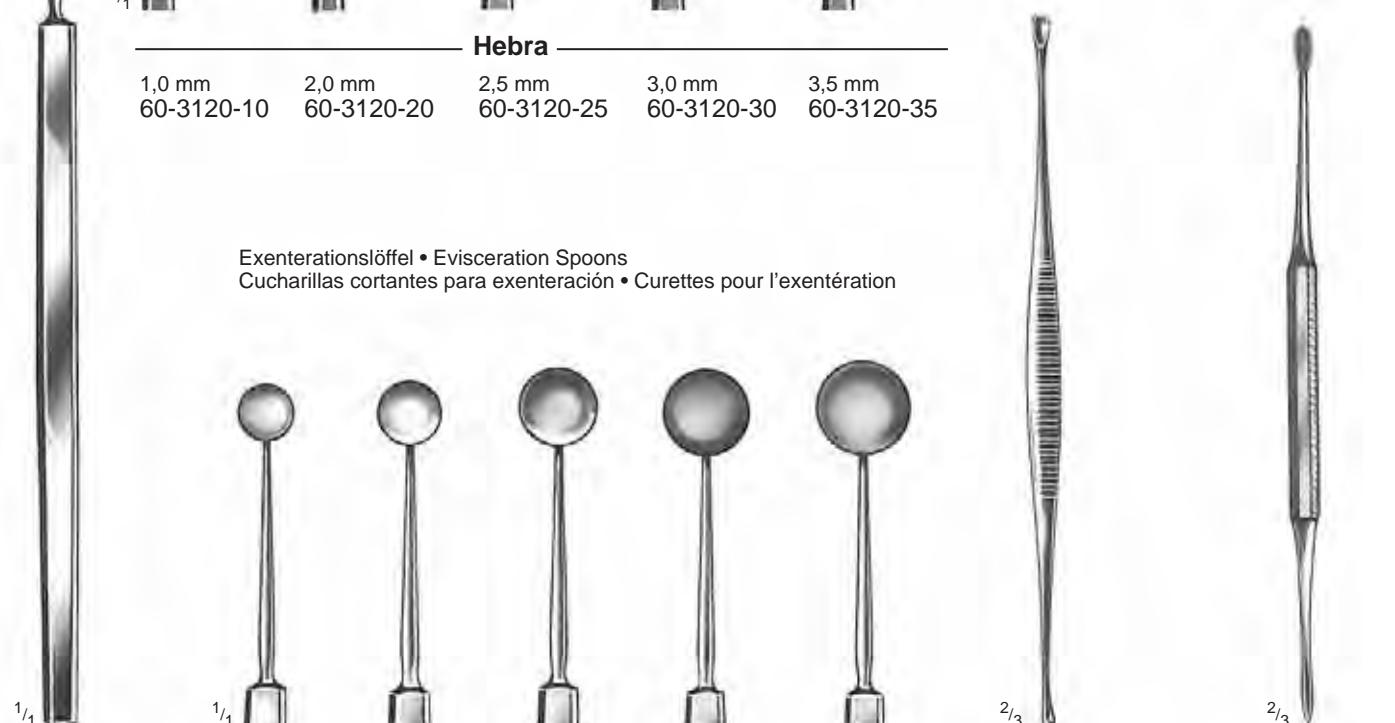
$\varnothing 0,5 \text{ mm}$ 60-3110-05	$\varnothing 1,0 \text{ mm}$ 60-3110-10	$\varnothing 1,5 \text{ mm}$ 60-3110-15	$\varnothing 1,8 \text{ mm}$ 60-3110-18	$\varnothing 2,0 \text{ mm}$ 60-3110-20	$\varnothing 2,5 \text{ mm}$ 60-3110-25	$\varnothing 3,5 \text{ mm}$ 60-3110-35	$\varnothing 4,0 \text{ mm}$ 60-3110-40	$\varnothing 4,5 \text{ mm}$ 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
lacrimal



Exenterationslöffel • Evisceration Spoons
Cucharillas cortantes para exenteración • Curettes pour l'exentération

Meyhofer
Hebra
Bunge

60-3150-01	60-3150-02	60-3150-03	60-3150-04	60-3150-05
------------	------------	------------	------------	------------

Bunge**Axenfeld**
13 cm/5"
60-3166-13**Lang**
13 cm/5"
60-3188-13



Verschiedene Hähchen
 Various Hooks
 Varios ganchitos
 Crochets divers



Irishhäkchen
 Iris Hook
 Gancho para iris
 Crochet à iris

scharf
 sharp
 agudo
 pointu

Wiener

13 cm/5"
 60-3513-01 13 cm/5"
 60-3513-02

Zyklodialysespatel
 Cyclodialysis Spatulas
 Espátulas para ciclodíalisis
 Spatules pour cyclodialyse

Irisretraktor
 Iris Retractor
 Separador para iris
 Rétracteur à iris

Graefe

13 cm/5"
 60-3550-13

McGannen

13 cm/5"
 60-3552-13

Skleralhähchen
 Sclera Hook
 Gancho para la esclera
 Crochet scléral

scharf
 sharp
 agudo
 pointu

Berens
 12 cm/4 3/4"
 60-3570-12

Extraktionshähchen
 Extraction Hook
 Gancho para extracción
 Crochet pour l'extraction

scharf
 sharp
 agudo
 pointu

Stevens
 12 cm/4 3/4"
 60-3582-12

²/₃

Zyklodialysespatel und
 Löffel, graduiert
 Cyclodialysis Spatula
 and Spoon, graduated
 Espátula para ciclodíalisis
 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



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

Castroviejo
 14 cm/5 1/2"



Castroviejo
 12 cm/4 3/4"
 60-3730-12



Wheeler
 12 cm/4 3/4"
 60-3733-12



Lindner
 13 cm/5"
 60-3744-13



Smith-Fisher
 12 cm/4 3/4"
 60-3766-12



Green
 12 cm/4 3/4"
 60-3788-12



Fluid Irrigating Cannula
G. 20
60-4108-20



Mc Intyre Iachrymal 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 curve
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 Tijeras para uñas Ciseaux à ongles	Nagelzange Nail Nipper Pinza cortauñas Pince à ongles	Nagelpaltscheren 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			
Sehneneinflechtklemmen 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 Dril-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



جراحی گوش
Ohrbestecke
Ear Operating
Juegos otológicos
Trousse auriculaires



Ansatz allein
Stem only
Punta suelta
Embout seul 1/1

Fig. 1
62-0602-01

2
62-0602-02

3
62-0602-03

5
62-0602-05

1/1
6
62-0602-06

8
62-0602-08

9
62-0602-09



- 62-0612-03 Messer, Knife, cuchillo, couteau
- 62-0612-05 Hähchen, Hook, ganchito, crochet
- 62-0612-07 Sonde, Probe, sonda, sonde
- 62-0612-09 Nadel, Needle, aguja, aiguille
- 62-0612-11 Schlinge, Loop, asa, anse
- 62-0612-13 Löffel, Spoon, cucharilla, curette

1/1

انواع پنست گوش - پنس ژلفوم

Ohrpinzetten, Gelfoam-Quetschzange

Ear Dressing Forceps, Gelfoam-Pressure Forceps

Pinzas auriculares, pinza de compresión para Gelfoam

Pince auriculaire, pince à compression pour Gelfoam



Univer®

62



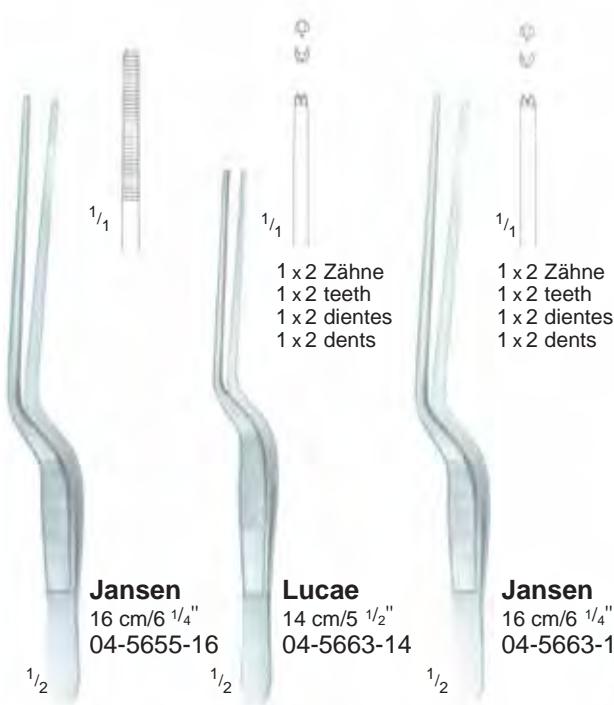
Troeltsch (Wilde)
11 cm/4 1/2"
04-5607-11

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



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 hincharimiento 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.



انواع اکارتور چنگکی خودکار
Wundspreizer, selbsthaltend
Self-retaining Retractors
Separadores autostáticos
Ecarteurs autostatiques

4x4 Zähne scharf
4x4 teeth sharp
4x4 dientes agudos
4x4 dents pointus

4x4 Zähne stumpf
4x4 teeth blunt
4x4 dientes romas
4x4 dents mousses

3x3 Zähne
3x3 teeth
3x3 dientes
3x3 dents



Jansen
10 cm/4"
10-5310-11

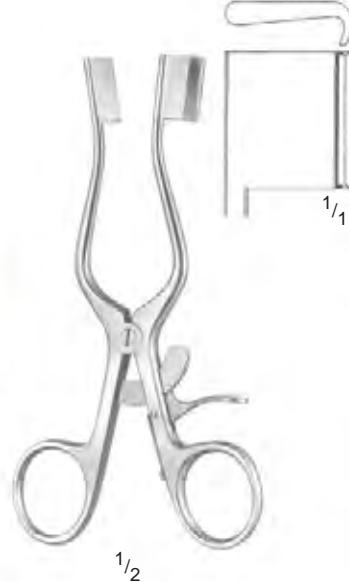


Jansen
10 cm/4"
10-5311-11

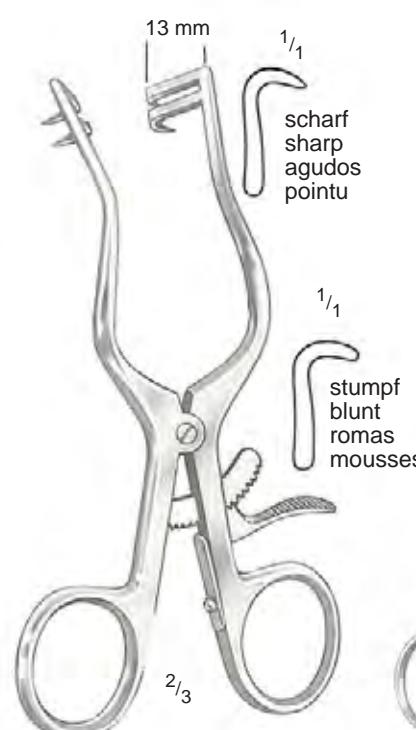


Jansen
10,5 cm/4 1/4"
stumpf
blunt
romas
mousses
10-5313-11

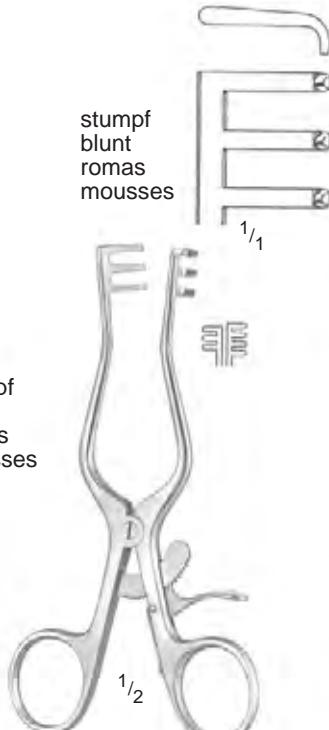
Jansen
scharf
sharp
agudos
pointu
10-5312-11



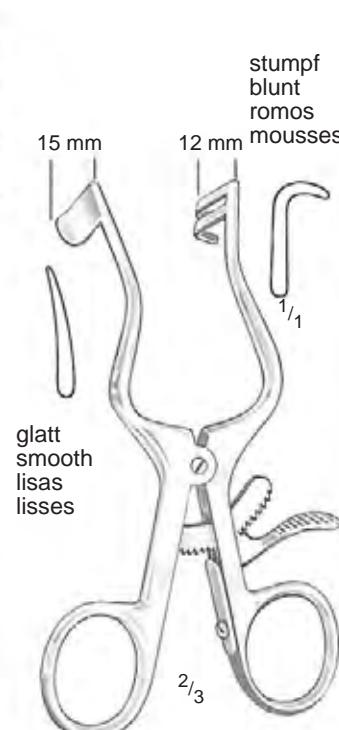
Weitlaner-Baby
13,5 cm/5 1/4"
10-5350-13



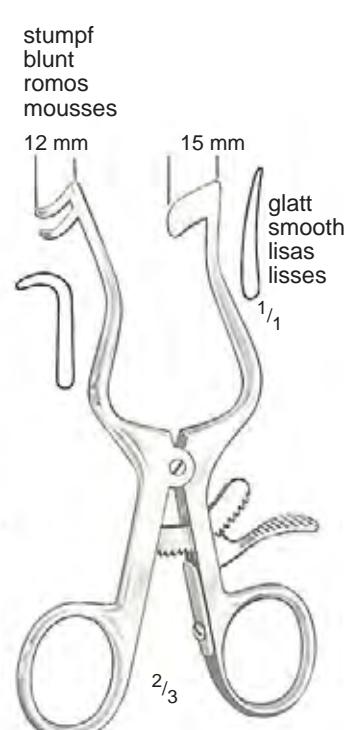
Plester
13 cm/5"
10-5363-22



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

انواع اکارتور چنگکی خودکار

انواع سرساکشن

Wundspreizer, selbsthaltend, Saugkanülen, Ohrkatheter

Self-retaining Retractors, Suction Tubes, Eustachian Catheters

Separadores autoestáticos, canulas de aspiración, sondas auriculares

Ecarteurs autostatiques, canules à aspiration, sondes auriculaires



Univer®

62

scharf
sharp
agudos
pointus



10-5383-11
10-5383-13

Wullstein

11,5 cm/4 1/2"
13 cm/5"

stumpf
blunt
romos
mousses



10-5384-11
10-5384-13

stumpf
blunt
romos
mousses



Perkins

13 cm/5"
10-5553-01

stumpf
blunt
romos
mousses



Perkins
13 cm/5"
10-5553-02

Saugkanülen
Suction Tubes
Cánulas de aspiración
Canules à aspiration

Ohrkatheter
Eustachian Catheters
Sondas auriculares
Sondes auriculaires

Metallo olive 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



Frazier



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

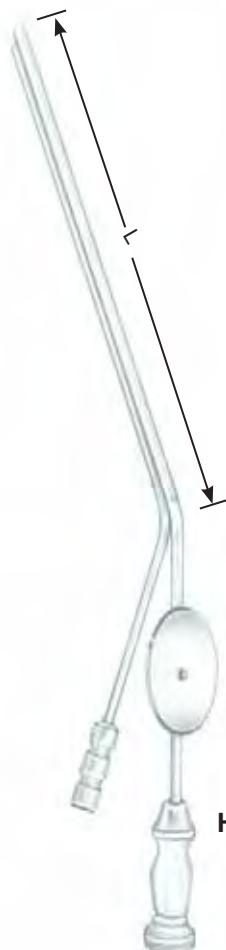


Itard



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	Spülrohr
Suction tube	Irrigation tube
Tubo de aspiración	Tubo de irrigación
Tube aspirateur	Tube irrigateur

L = 18 cm/7"

Saugrohr	Spülrohr
Suction tube	Irrigation tube
Tubo de aspiración	Tubo de irrigación
Tube aspirateur	Tube irrigateur

mm Ø	mm Ø	mmØ	mmØ
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

House-Luer



zylindrisch, Silber
cylindrical, silver
cilindrico, plata
cylindrique, d'argent

1/2 Luer

Wullstein
16 cm/6 1/4"
25-2502-15 Ø 1,5 mm
25-2502-20 Ø 2,0 mm



3,0 x 1,75 mm Ø
konisch, Silber
conical, silver
cónico, plata
conique, d'argent

1/2 Luer

Wullstein
16 cm/6 1/4"
25-2506-30



Wullstein
10,5 cm/4 1/4"
25-2510-50

Spül- und Saughandgriff nach Wullstein, mit Unterbrecherplatte, passend für die Spül- und Absaugröhren 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

25-2425-20

Schlauchverbindungsstück mit Luer-Konus und Unterbrecherplatte
 Suction Adaptor with Luer tip and thumb valve
 Enchufe de conexión, 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

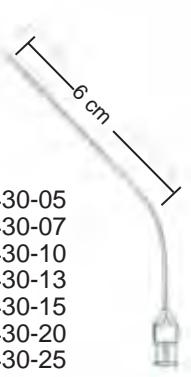
25-2426-24

Set handle with
 two LUER-LOCK
 attachmant

25-2427-20



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



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)

mit Luer-Konus
 with Luer cone
 con cono Luer
 à cône Luer

Zöllner
 18,5 cm/7 1/4"
 25-2453-07

mit feinem Einstekkröhrchen Ø 0,7 mm
 with detachable fine suction tip Ø 0,7 mm
 con punta de succión Ø 0,7 mm
 avec rallonges de recharge Ø 0,7 mm

Rosen



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

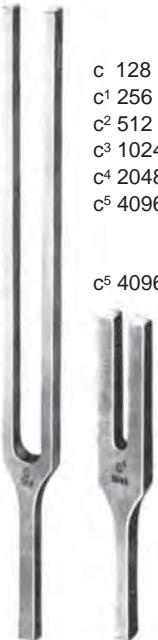
Baron (Schuknecht)
 Ø charr. xL mm

3	75	25-2438-03
5	75	25-2438-05
7	75	25-2438-07



دیاپازون
Stimmgabeln
Tuning Forks
Diapasones
Diapasons

C 128



Hartmann

C 128



Lucae

c 128	62-0010-31
c ¹ 256	62-0010-32
c ² 512	62-0010-33
c ³ 1024	62-0010-34
c ⁴ 2048	62-0010-35
c ⁵ 4096	62-0010-37

c⁵ 4096**Hartmann**

62-0011-81

Besteck mit 5 Stimmgabeln, in Samttetui,
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
c ¹ 256	62-0010-32
c ² 512	62-0010-33
c ³ 1024	62-0010-34
c ⁴ 2048	62-0010-35

French
C-16
62-0025-01French
C-132
62-0025-02Hartmann
C 64
62-0025-03Hartmann
C 128
62-0025-04Hartmann
C-1 256
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 3 1-3 62-0130-03
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



Politzer

Stück Fig.
Pieces Fig.
Piezas Fig.
Pièces Fig.

Satz zu
Set of 3 1-3 62-0134-03
Juego de 3 1-3 62-0134-03
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

① = Ø 2,0 mm
62-0130-20

② = Ø 3,5 mm
62-0130-35

③ = Ø 5,0 mm
62-0130-50

② = Ø 3,5 mm
62-0130-35

③ = Ø 5,0 mm
62-0130-50

④ = Ø 6,5 mm
62-0130-65

⑤ = Ø 7,5 mm
62-0130-75

① = Ø 3,0 mm
62-0134-30

② = Ø 4,0 mm
62-0134-40

③ = Ø 5,0 mm
62-0134-50

① = Ø 3,0 mm
62-0136-30

② = Ø 4,0 mm
62-0136-40

③ = Ø 5,0 mm
62-0136-50

④ = Ø 6,5 mm
62-0136-65



69-0159-12

Metallständer für Spekula
Metal Support for Specula
Soporte metálico para espéculos Chevalet en métal pour les spéculums



انواع لوپ، کورت و ابزار جسم خارجی گوش

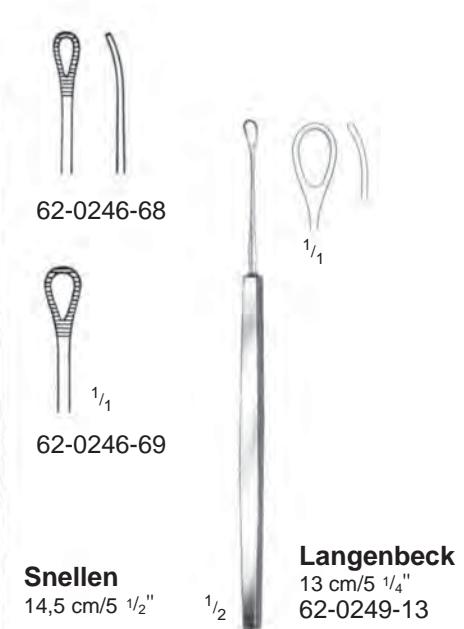
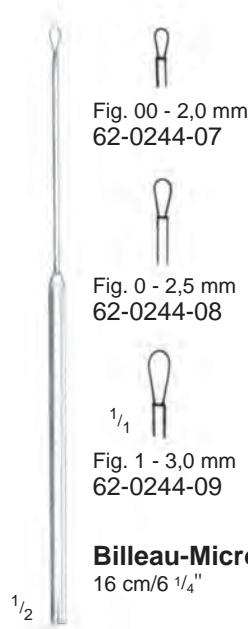
Schlingen, Fremdkörperinstrumente, Ohrküretten

Loops, Foreign Body Instruments, Ear Curettes

Asas, instrumentos para cuerpos extraños, curetas auriculares

Anses, instruments à corps étrangers, curettes auriculaires

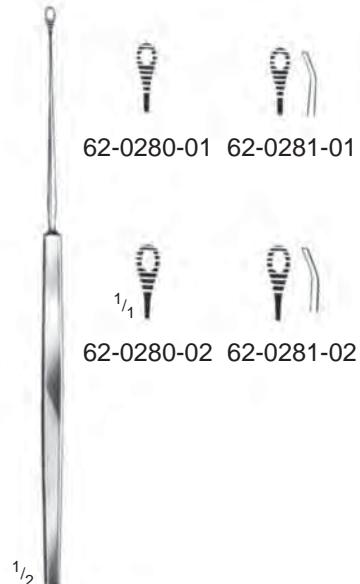
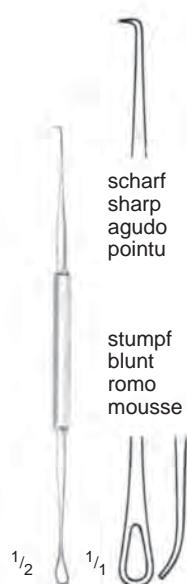
Schlingen
Loops
Asas
Anses



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





Univer®

62



gerade/stumpf
straight /blunt
rectas/romas
droites/mousses

1₁

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

1₁

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

1₂

Buck

16,5 cm/6 1/2"



abgewinkelt / stumpf
angled / blunt
acodadas/romas
coudées / mousses

1₁

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

1₁

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

1₂

Buck

16,5 cm/6 1/2"

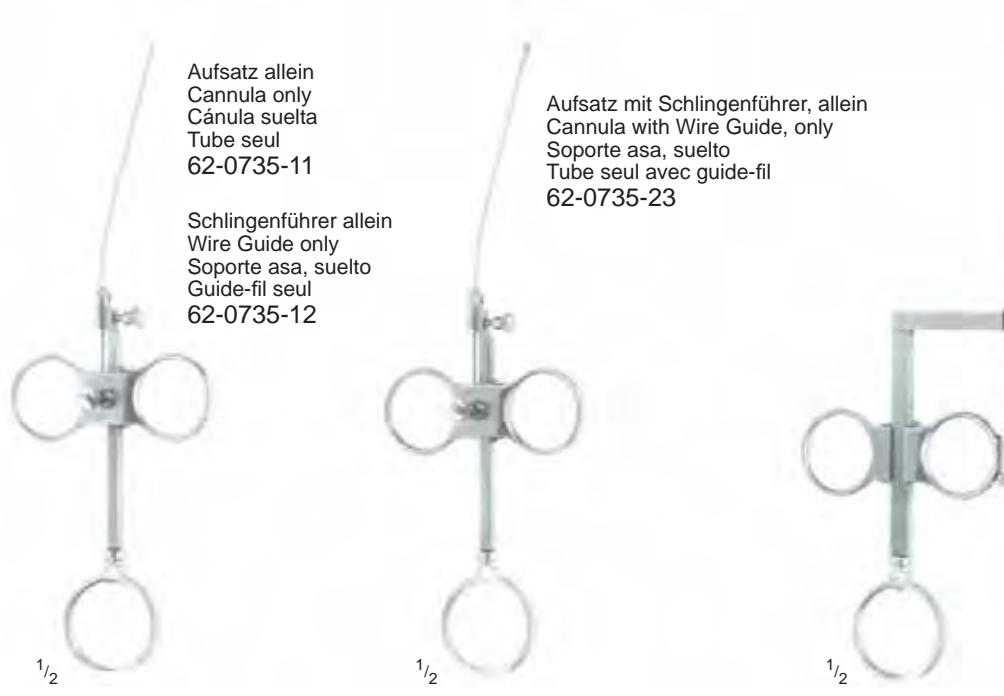


Ohrspritze, Ganzmetall, mit Luer-Lock-Ansatz, komplett mit 2 Kanülen und 1 Schutzsteller, in Karton
Ear Syringe, all metal, with Luer-Lock mount, complete with 2 tips and 1 shield, in cardboard box
Jeringa metálica para oido, con cono Luer-Lock, completa con 2 canulas y 1 placa protectora, en caja de cartón
Seringue auriculaire, tout métal, avec embout Luer-Lock, complète avec 2 embouts et 1 bouclier protecteur, en carton

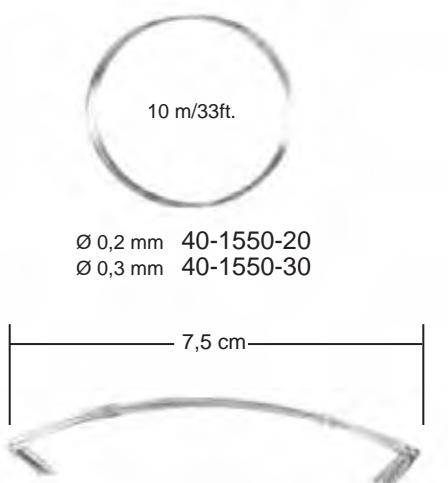


komplett complete completo complèt	Spritze allein Syringe only Jeringa suelta Seringue seule
---	--

50 ml	25-0420-75	25-0430-50
75 ml	25-0420-75	25-0430-75
100 ml	25-0421-00	25-0431-00



Stahldraht für Ohrpolypenschnüller
Steel Wire for Ear Polypus Snares
Alambre de acero para cierra-nudos auriculares
Fil d'acier pour serre-noeuds auriculaires



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

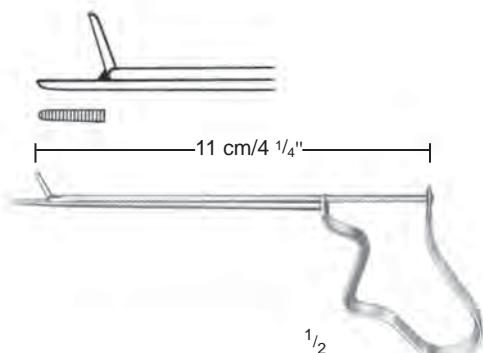


Drahtbiegezange
Flat Nose Plier
Alicate para doblar alambre
Pince à plier le fil d'acier

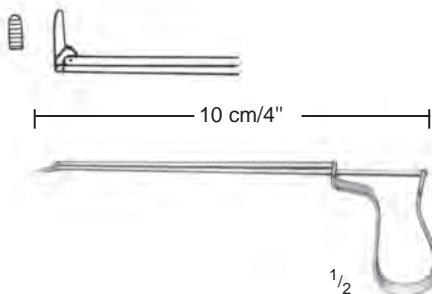


پنس پولیپ گوش - پنس جسم خارجی گوش
Fremdkörperhebel, Ohrpolypenzenzen
Foreign Body Levers, Ear Polypus Forceps
Elevadores para cuerpos extraños, pinzas para pólipos auriculares
Leviers pour corps étrangers, pinces pour polypes auriculaires

Fremdkörperhebel • Foreign Body Levers • Pinzas para cuerpos extraños • Leviers pour corps étrangers



Buck
11 cm/4 1/4"
62-0800-11

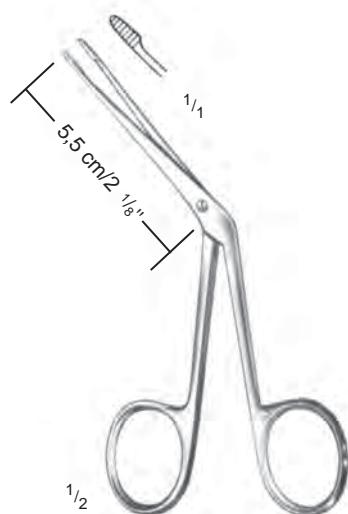


Quire
10 cm/4"
62-0802-10

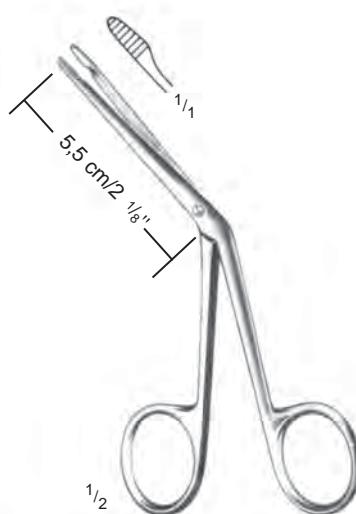
Ohrpolypenzenzen, Tamponzangen
 Ear Polypus Forceps, Tampon Forceps
 Pinzas para pólipos auriculares y para taponamientos
 Pinces pour polypes auriculaires, pinces porte-tampons

feines Modell
 delicate pattern
 modelo fino
 modèle fin

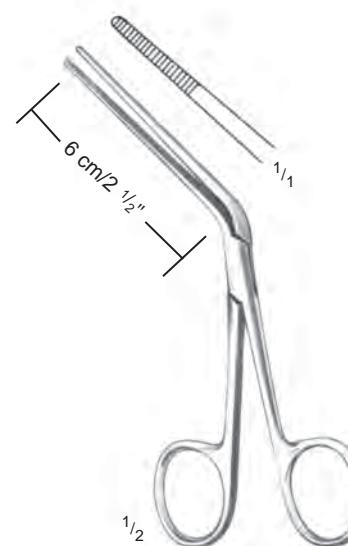
Standard
 Standard
 Standard
 Standard



Hartmann
13,5 cm/5 1/4"
62-0810-13



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

Pince emporte-pièces



Univer®

62

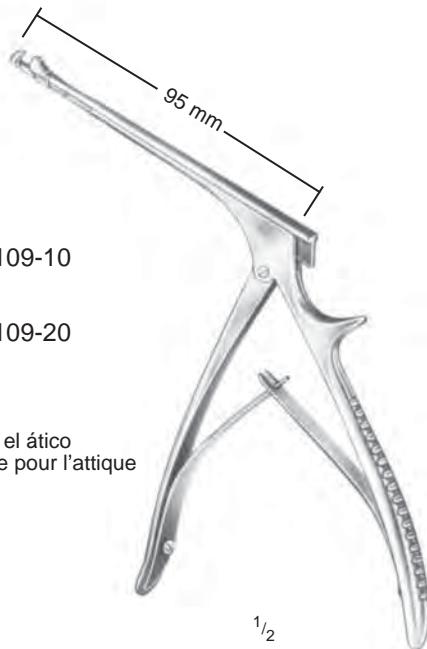


1 mm 62-1106-10

2 mm 62-1106-20

3 mm 62-1106-30

Citelli

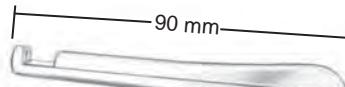


1 mm 62-1109-10

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

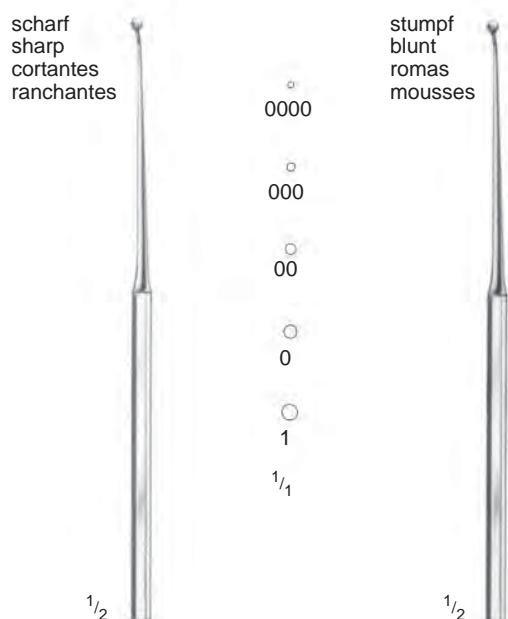
7 mm Ø
62-2072-70



3 mm Ø
62-2074-30

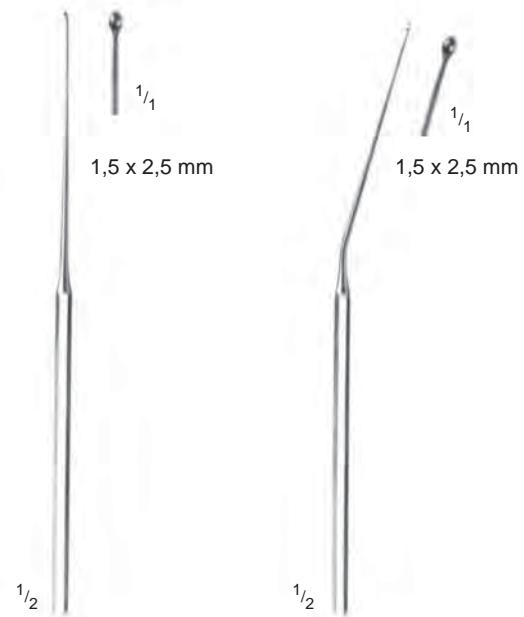
5 mm Ø
62-2074-50

7 mm Ø
62-2074-70



Buck-Wullstein-Micro
16 cm/6 1/4"

62-2110-24	Fig. 0000 0,9 mm Ø	62-2111-24
62-2110-33	Fig. 000 1,1 mm Ø	62-2111-33
62-2110-42	Fig. 00 1,3 mm Ø	62-2111-42
62-2110-50	Fig. 0 1,8 mm Ø	62-2111-50
62-2110-51	Fig. 1 2,1 mm Ø	62-2111-51



Shea
16 cm/6 1/4"
62-2152-15

Ø = Innendurchmesser
Ø = inside diameter
Ø = diámetro interior
Ø = diamètre intérieur



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

**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

**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

**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

**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



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

16 cm/6 1/2"

نوع سوزن و هوك ميكرو گوش

Mikro-Nadeln und -Häkchen mit abgewinkeltem Schaft

Micro Needles/ Picks and Hooklets with angled shafts

Micro-agujas y ganchitos con vástago acodado

Micro-aiguilles et crochets à tige coudée



Univer®

62



Barbara
62-3300-01

Nadel, gerade, spitz
Needle, straight, sharp point
Agujas, rectas, agudas
Aiguilles, droites, pointues

nach unten gebogen
curved down
curvo hacia abajo
courbes en bas



Rosen
62-3300-06

Nadel, stark gebogen, spitz
Needle, strong curve, sharp point
Agujas, fuertemente curvas, agudas
Aiguilles, forte courbes, pointues

nach oben gebogen
curved up
curvo hacia arriba
courbes en haut



McGee
62-3310-05 = 0,5 mm
62-3310-10 = 1,0 mm
McGee
62-3311-06
62-3311-10

Fußplattenhäkchen
Footplate Hooks
Ganchitos para la platina estapediense
Crochets pour la platine de l'étrier

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

25°

45°

90°

62-3345-03 = 0,3 mm
62-3345-06 = 0,6 mm
62-3345-10 = 1,0 mm

Mikro-Häkchen, nach unten gewinkelt
Micro Hooks/Picks, angled down
Micro-ganchitos acodados hacia abajo
Micro-crochets, coudés en bas

16 cm/6 1/2"

62-3326-03 = 0,3 mm
62-3326-06 = 0,6 mm
62-3326-10 = 1,0 mm

25°

45°

90°

62-3346-03 = 0,3 mm
62-3346-06 = 0,6 mm
62-3346-10 = 1,0 mm



چاقوی گوش
Ohrmesser
Ear Knives
Cuchillos auriculares
Couteaux auriculaires

Periostmesser
Perosteal Knife
Cuchillo para el periostio
Couteau pour le périoste

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

Furunkelmesser
Furuncle Knife
Cuchillo para furúnculos
Furonculotome



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



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



Brühl
15 cm/6"
01-2020-15



Brühl
15 cm/6"
01-2021-15



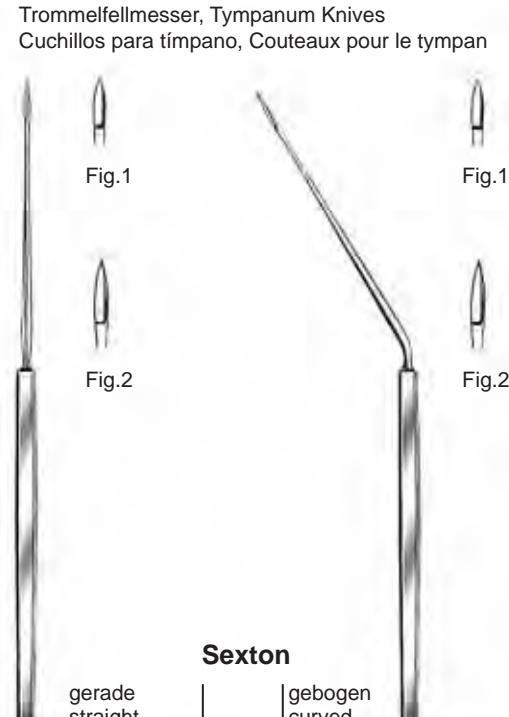
Politzer
16 cm/6 1/2"
01-2028-16



Jacobson
15,5 cm/6 1/4"
01-2030-15



Buck
15 cm/6"
01-2032-15



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

انواع چاقوی گوش

Ohrmesser und -nadeln

Ear Knives and Needles

cuchillos y agujas auriculares

couteaux et aiguilles auriculaires



Univer®

62



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



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



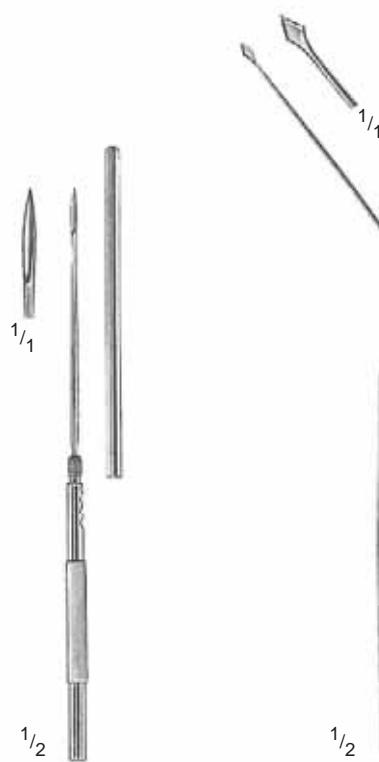
Politzer
01-2060-16



Gerzog
01-2062-16

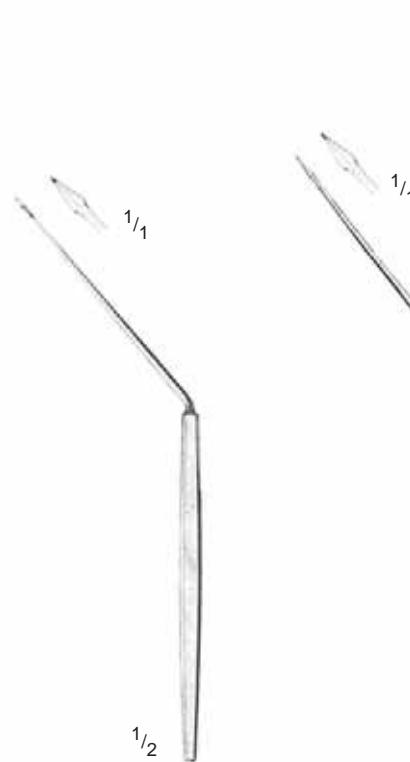


Buck
01-2064-16



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

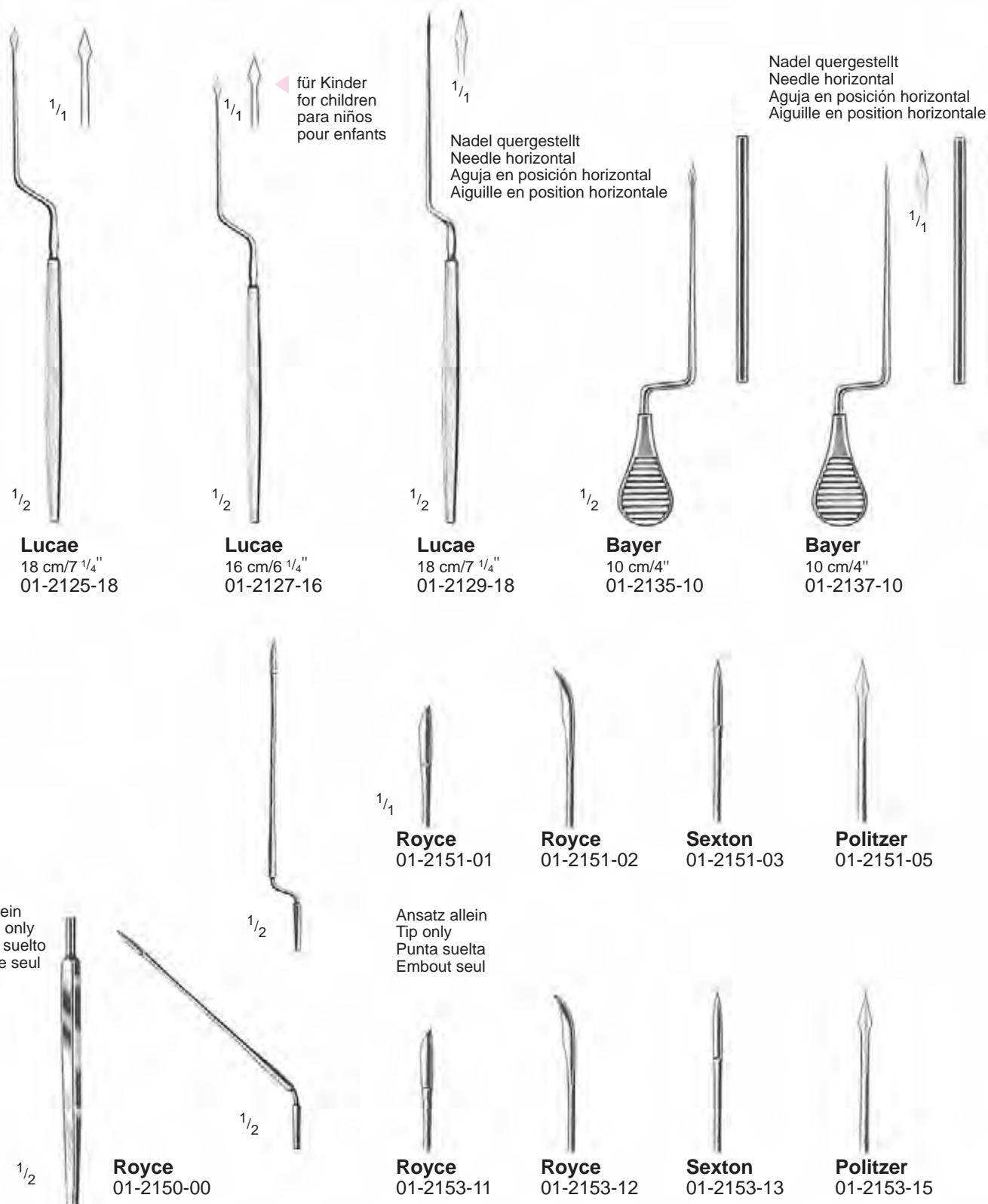
Agnew
16 cm/6 $\frac{1}{4}$ "
01-2111-16



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

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

میرنگوتوم گوش





Austin (Plester)
62-2500-04



Tabb
62-2500-06



Schuknecht
62-2501-07



Wullstein
62-2500-03



62-2527-15

Sichelmesser
Sickle Knives
Cuchillos forma de hoz
Couteaux forme de serpette

Diszisionsmesser
Dissection Knife
Cuchillo para discisión
Couteau à discision



Plester
62-2540-35

Lappenmesser
Flap Knife
Cuchillo para lóbulos
Couteau à lambeaux



Rosen
62-2545-30

Inzisionsmesser
Incision Knife
Cuchillo para incisiones
Couteau à incision



Harrison
62-2560-45

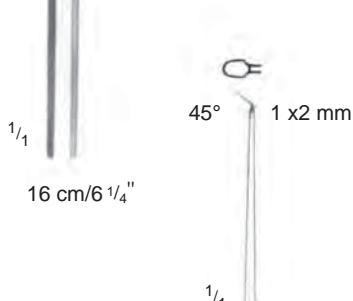
Trommelfellmesser
Tympanon Knife
Cuchillo para tímpano
Couteau pour tympan



Rosen

62-2572-10 = 1,0 mm
62-2572-15 = 1,5 mm
62-2572-20 = 2,0 mm
62-2572-26 = 2,6 mm
62-2572-30 = 3,0 mm

Rundschnittmesser
Round Knives
Cuchillos redondos
Couteaux ronds



House
62-2581-20

Lanzennmesser
Lancet Knife
Cuchillo lanceolado
Couteau lancéolé



Schuknecht
62-2590-01

Rollmesser
Roller Knives
Cuchillos forma rollo
Couteau forme rouleau



Schuknecht
62-2590-02

Rollmesser
Roller Knives
Cuchillos forma rollo
Couteau forme rouleau

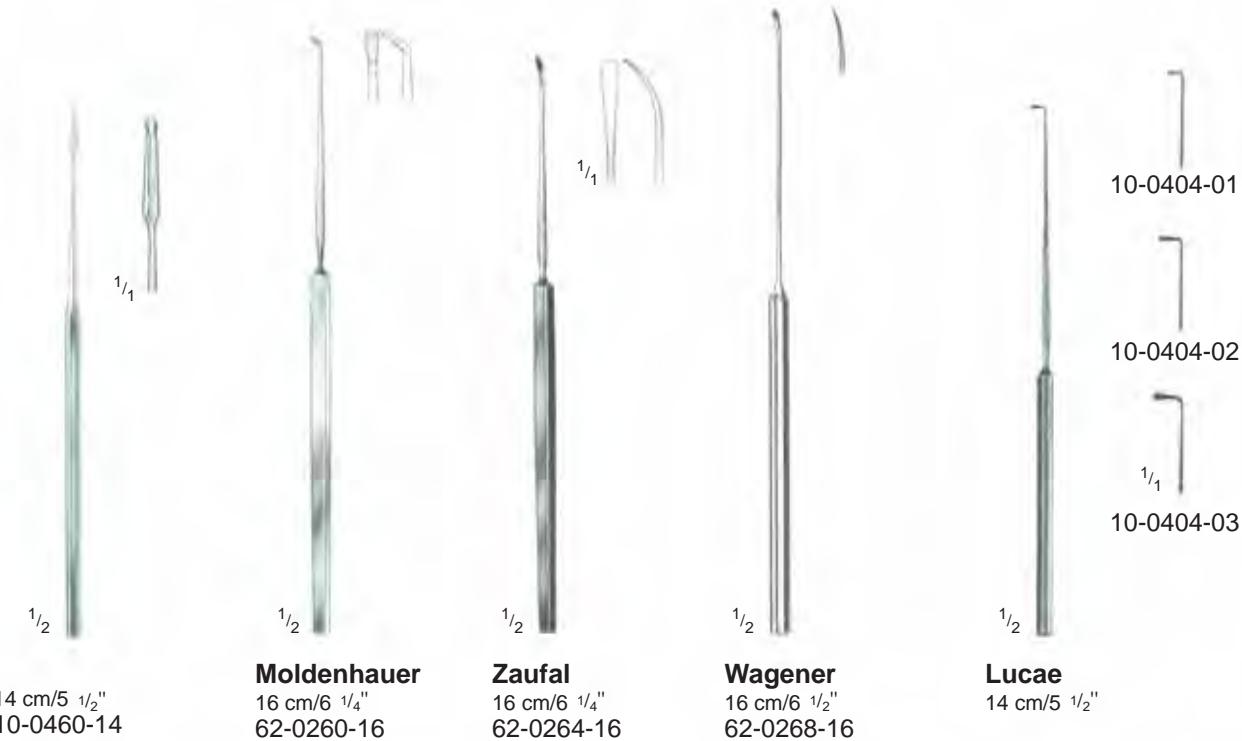


انواع هوک و دایسکتور گوش
Doppelkralle, Ohrhebel, Ohrhähchen
Double Pick, Ear Levers, Ear Hooks
Uña doble, elevadores y ganchitos auriculares
Crochet double, leviers et crochets auriculaires

Doppelkralle
Double Pick
Uña doble
Crochet double

Ohrhebel
Ear Levers
Elevadores auriculares
Leviers auriculaires

Ohrhähchen
Ear Hooks
Ganchitos auriculares
Crochets auriculaires



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

أنواع الويتور ميكرو جراحي گوش

Raspatorien und Elevatoren für die Mikrochirurgie des Ohres

Raspatories and Elevators for Ear Microsurgery

Legras y elevadores para la microcirugía del oído

Rugines et décolleurs pour la microchirurgie de l'oreille



Univer®

62

Raspatorien-Raspatories-Legras-Rugines

2,2 mm

3,2 mm

1 mm

1,8 mm

gerade
straight
rectas
droits

leicht gebogen
slightly curved
ligeramente curvas
courbes légère

$\frac{1}{1}$

Wullstein
62-2610-22

Wullstein
62-2611-32

Zöllner
62-2629-10

Antoli-Candela
62-2630-18

1 mm

1,2 mm

2 mm

$\frac{1}{1}$

Rosen
62-2632-10

Rosen
62-2632-12

62-2633-20

links
left
a la izquierda
à gauche

rechts
right
a la derecha
à droite

Hough
62-2635-51

Hough
62-2635-52

Rasparatorium für das ovale Fenster, kräftig
Oval Window Excavator, heavy
Legra para la ventana oval, modelo fuerte
Rugine pour la fenêtre ovale, modèle robuste

1 mm

12 mm

$\frac{1}{1}$

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

$\frac{1}{1}$

House(Guilford-Wright)
62-2637-10

Elevatorium
Elevator
Elevador
Elévateur

House
62-2640-51

Exkavator, groß, links
Excavator, large, left
Excavador, grande, a la izquierda
Excavateur, grand, à gauche

Hough
62-2640-52

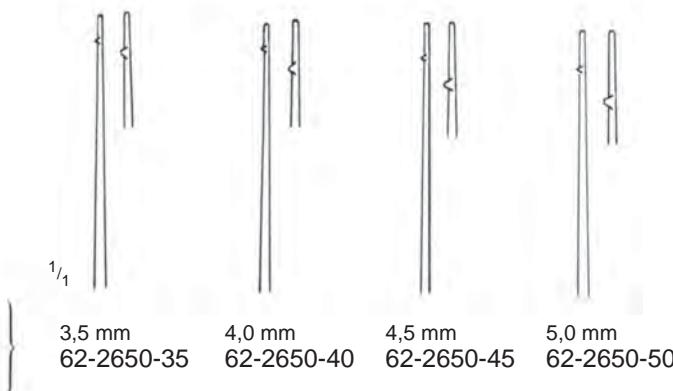
Exkavator, groß, rechts
Excavator, large, right
Excavador, grande, a la derecha
Excavateur, grand, à droite



ابزار جراحی میکرو گوش
Instrumente für die Mikrochirurgie des Ohres
Instruments for Ear Microsurgery
Instrumentos para la microcirugía del oído
Instruments pour la microchirurgie de l'oreille

House

Meßsonde, Markierung bei
 Measuring Rod, marker at
 Sonda de medición, graduada a
 Sonde de mesure, graduée à



^{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

Hough
 62-2650-71

Einführungsgabel für Stapes-Prothesen
 Wire Guide and Applicator
 for prosthesis, V-notch
 Horquilla para introducción prótesis
 estapediense
 Fourchette pour introduire les prothèses de
 l'étrier

3 x

Plester
 62-2660-62

^{1/1}

16 cm/6 1/4"



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

1/1



Flachmeißel 0,7 mm
Chisel 0.7 mm
Cincel 0,7 mm
Ciseau-burin 0,7 mm
62-3921-05

1/1



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



1/2

Heermann

19,5 cm/7^{3/4}"
Hammer, Metall
Mallet, metal
Martillo, metal
Marteau, métal
62-3921-50



سوزن و هوک جراحی گوش

Zöllner

Nadeln und Häkchen mit Daumengriffplatte, für die Mikrochirurgie des Ohres

Needles and Hooks for Middle Ear Surgery, with thumb grip handle

Agujas y ganchitos para la microcirugía del oido, con placa apoya-dedos

Aiguilles et crochets pour la microchirurgie de l'oreille, avec manche appui-doigts



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





	Rundschnittmesser 90° nach oben abgewinkelt Round Knives, angled up 90° Cuchillo de corte redondo, acodado a 90° hacia arriba Couteau rond, coudé vers le haut à 90° 62-3853-50
	Rundschnittmesser 90° nach unten abgewinkelt Round Knives, angled down 90° Cuchillo de corte redondo, acodado a 90° hacia abajo Couteau rond, coudé vers le bas à 90° 62-3853-51
	Sichelmesser, 5 mm lang, oben schneidend Sickle Knives, 5 mm long, upward cutting Cuchillo, en forma de hoz, 5 mm de largo, cortando arriba Couteau en forme de serpette, longueur 5 mm, coupant vers le haut 62-3853-55
	Sichelmesser, 5 mm lang, unten schneidend Sickle Knives, 5 mm long, downward cutting Cuchillo, en forma de hoz, 5 mm de largo, cortando abajo Couteau en forme de serpette, longueur 5 mm, coupant vers le bas 62-3853-56
	Perforationsnadel, 5 mm lang, nach links gebogen Spear-pointed Needle, 5 mm long, curved to left Aguja de perforación, 5 mm de largo, curva a la izquierda Aiguille à perforation, longueur 5 mm, courbe à gauche 62-3853-63
	Perforationsnadel, 5 mm lang, nach rechts gebogen Spear-pointed Needle, 5 mm long, curved to right Aguja de perforación, 5 mm de largo, curva a la derecha Aiguille à perforation, longueur 5 mm, courbe à droite 62-3853-64
	Raspatorium, 2 mm breit, nach links gebogen Raspatory, 2 mm wide, curved to left Legra, 2 mm de ancho, curva a la izquierda Rugine, largeur 2 mm, courbe à gauche 62-3853-73
	Raspatorium, 2 mm breit, nach rechts gebogen Raspatory, 2 mm wide, curved to right Legra, 2 mm de ancho, curva a la derecha Rugine, largeur 2 mm, courbe à droite 62-3853-74
	Führungsgabel Guiding Fork Horquilla conductora Fourche conductrice 62-3853-88



ماليوس نبپر

Hammerkopf- und Crurotomiezängchen**Malleus and Crura Nippers****Pinzas para la cabeza del martillo y para la crurotomía****Pinces pour la malléole et la crurotomie**

Hammerkopfzängchen

Malleus Nippers

Pinzas para la cabeza del martillo

Pinces pour la malléole

Crurotomie-Zängchen

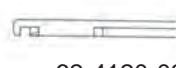
Crura Nippers

Pinzas para la crurotomía

Pinces pour la crurotomie



62-4120-01



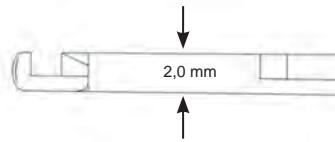
62-4120-02



62-4120-03

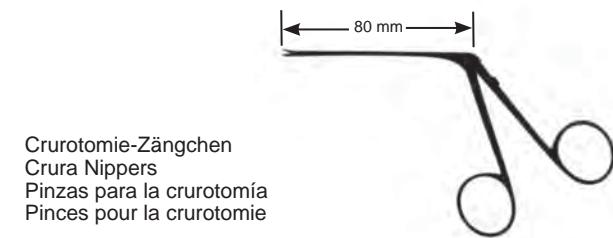
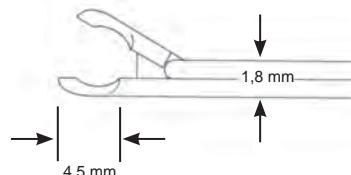


62-4120-04



2,0 mm

House-Dieter

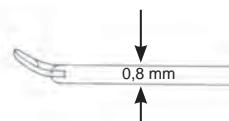
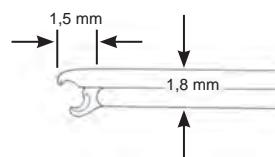
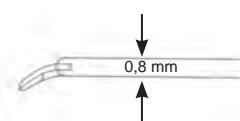
Tabb
62-4130-45

Crurotomie-Zängchen

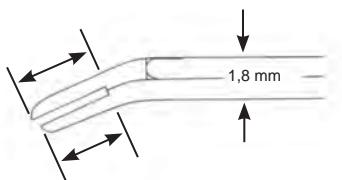
Crura Nippers

Pinzas para la crurotomía

Pinces pour la crurotomie

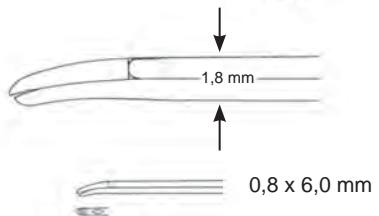
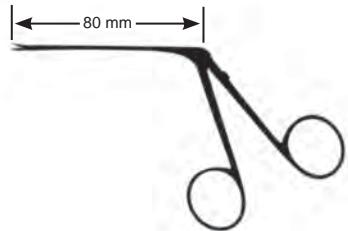
links schneidend
left cutting
cortante a la izquierda
couplant à gaucheFisch
62-4133-01rechts schneidend
right cutting
cortante a la derecha
couplant à droiteFisch
62-4132-01

Drahtbiegezängchen, Instrumente zum Halten und Einführen von Innenohrprothesen und Drainage Tuben
 Wire Crimpers, Forceps for holding and inserting Middle Ear Prothesis and Drain Tubes
 Pinzas para doblar alambre, pinzas para coger e introducir prótesis para el oido interno y tubitos de drenaje
 Pinces plieuses et instruments pour insérer les prothèses pour l'oreille interne et les drains tubulaires

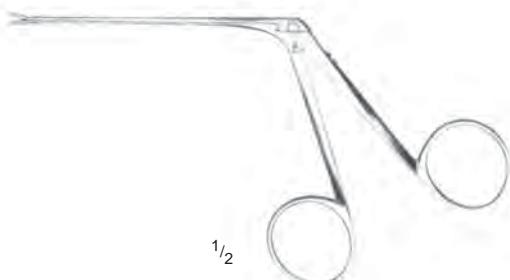


0,8 x 3,5 mm 62-4208-35

0,8 x 6,0 mm 62-4208-60



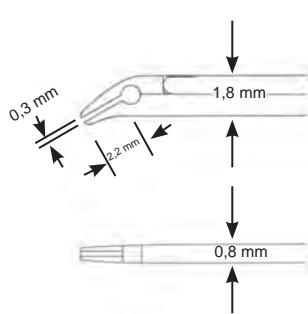
0,8 x 6,0 mm



McGee



Schuknecht
62-4218-60



Fisch
62-4210-01



پنس میکرو گوش (کروکودیل) پنس پروتزگذاری

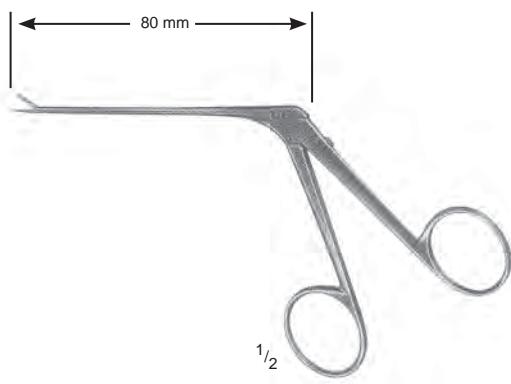
Instrumente zum Halten und Einführen von Innenohrprothesen und Drainage Tuben

Forceps for holding and inserting Middle Ear Prothesis and Drain Tubes

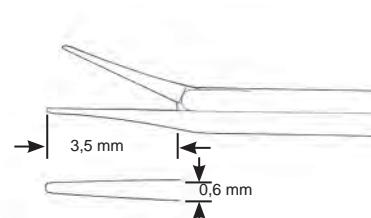
pinzas para coger e introducir prótesis para el oido interno y tubitos de drenaje

Pince plieuses et instruments pour inserer les prothèses pour l'oreille interne et les drains tubulaires

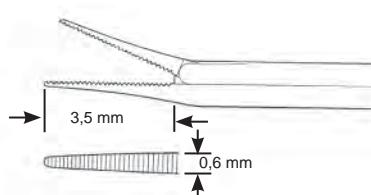
Mikro-Ohrzängchen
Micro Ear forceps
Micro-pinzas auriculares
Micropinces auriculaires



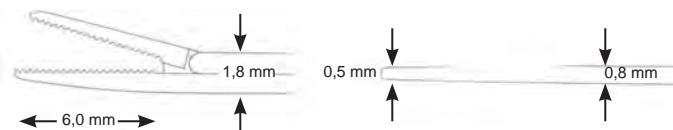
Mini-McGee



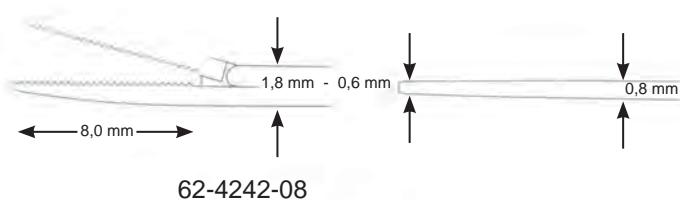
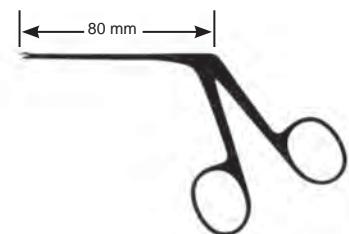
62-4241-03
3,5 x 0,6 mm/80 mm
glatt, gerade
smooth, straight
Lisa, recta
Lisse, droite



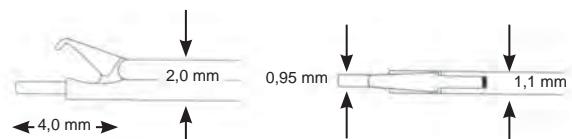
62-4242-03
3,5 x 0,6 mm/80 mm
gerieft, gerade
serrated, straight
estriada, recta
striée, droite



62-4246-06



62-4242-08



62-4244-05

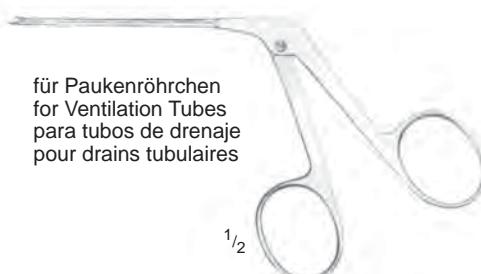


Alligator
delicate
62-4242-##



für Paukenröhren
for Ventilation Tubes
para tubos de drenaje
pour drains tubulaires

1/2



پنس میکرو گوش (کروکودیل) پنس پروتیزگذاری

Instrumente zum Halten und Einführen von Innenohrprothesen und Drainage Tuben

Forces for holding and inserting Middle Ear Prothesis and Drainage Tubes

pinzas para coger e introducir prótesis para el oido interno y tubitos de drenaje

Pince plieuses et instruments pour insérer les prothèses pour l'oreille interne et les drains tubulaires



Univer®

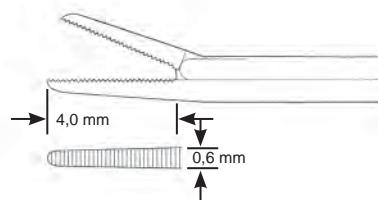
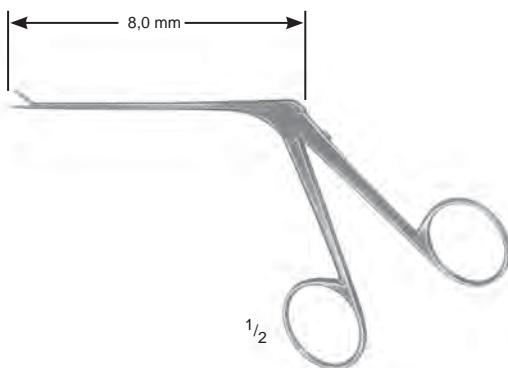
62

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

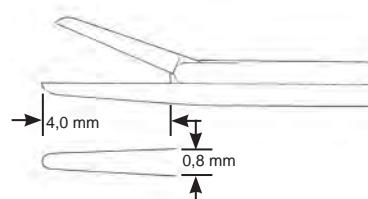
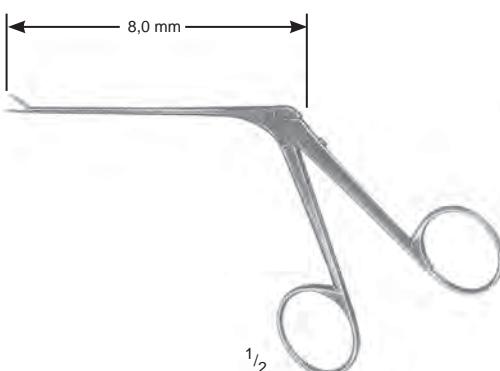
links, gerieft
left, serrated
izquierda, estriada
gauche, striée

1/1



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



1/1

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

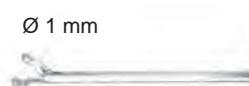
Pinzas para pólipos auriculares y para taponamientos

Pince pour polypes auriculaires, pinces porte-tampons

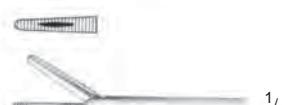


Hartmann-Wullstein
62-4324-08

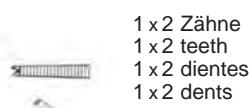
62-4320-08	gerade straight rectas droites	62-4321-08	aufgebogen angled up hacia arriba en haut	62-4322-08	links gebogen curved left a la izquierda à gauche	62-4323-08	rechts gebogen curved right a la derecha à droite
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Hartmann-Wullstein



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



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



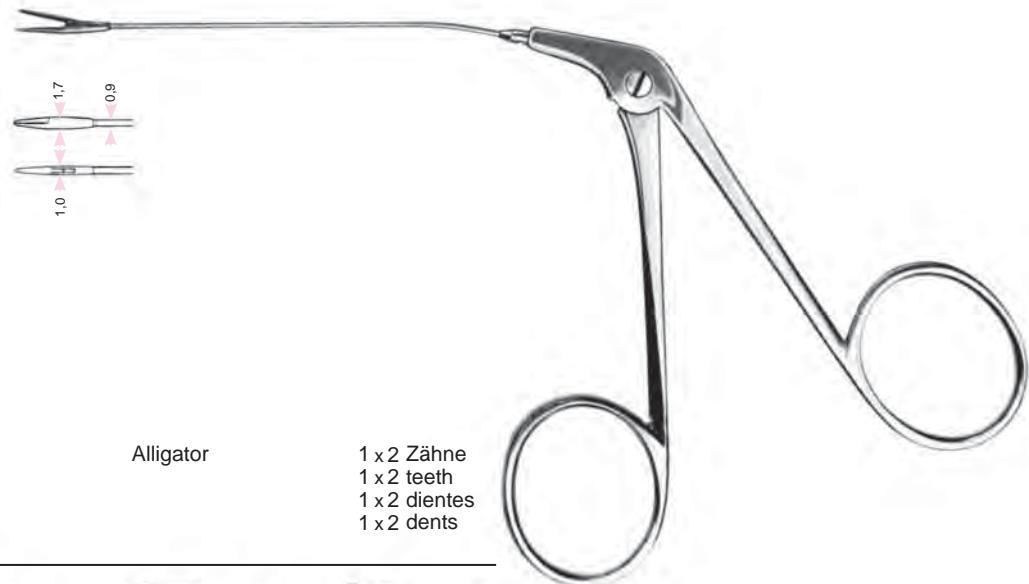
Hartmann
62-4359-20 = 2,0 mm
62-4359-25 = 2,5 mm
62-4359-30 = 3,0 mm



Hartmann
62-4374-08



Hartmann-Hoffmann
62-4378-20



Ohrzängchen, fein
Delicate Ear Forceps
Pinzas auriculares finas
Pince 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			
aufgebogen angled up hacia arriba en haut			
links gebogen curved left a la izquierda à gauche			
rechts gebogen curved right a la derecha à droite			

Löffelzängchen, fein
Delicate Cup-shaped Forceps
Pinzas finas boca forma cureta
Pince fines mors curette

gerade straight rectas droites		
aufgebogen angled up hacia arriba en haut		
links gebogen curved left a la izquierda à gauche		
rechts gebogen curved right a la derecha à droite		



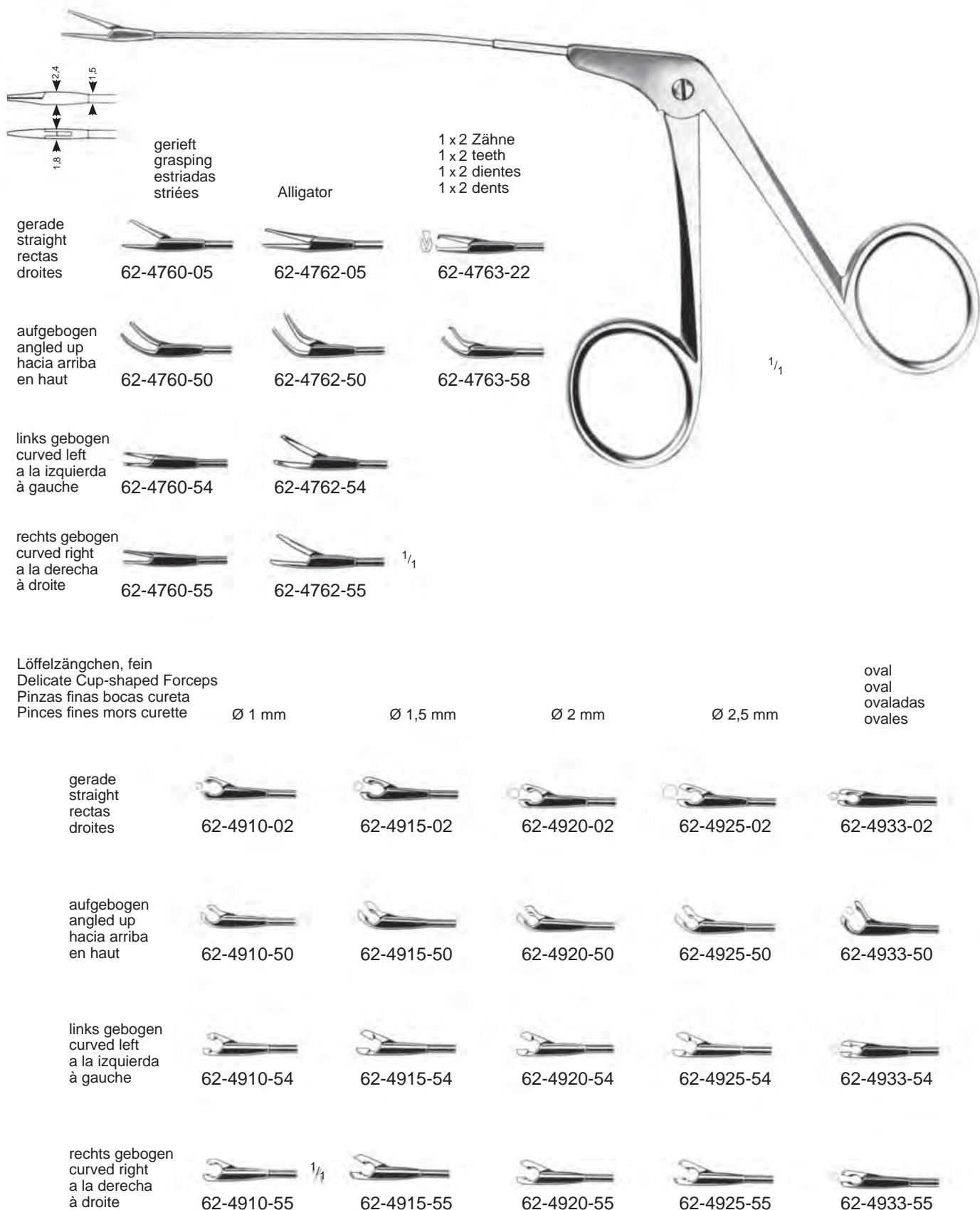
انواع پنس و کاپ میکرو گوش

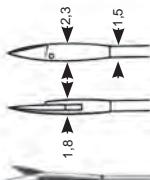
Mikro-Ohrzängchen mit Rohrschaft

Micro Ear Forceps with tubular shafts

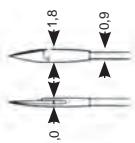
Micro-pinzas auriculares con vástagos tubulares

Micropinces auriculaires à tige tubulaire





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		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		62-5022-73
aufgebogen angled up hacia arriba en haut		62-5022-77



mini-micro



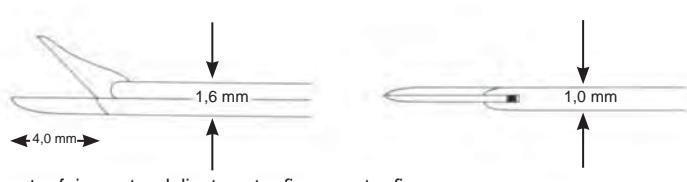
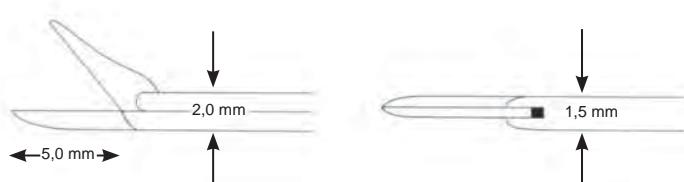
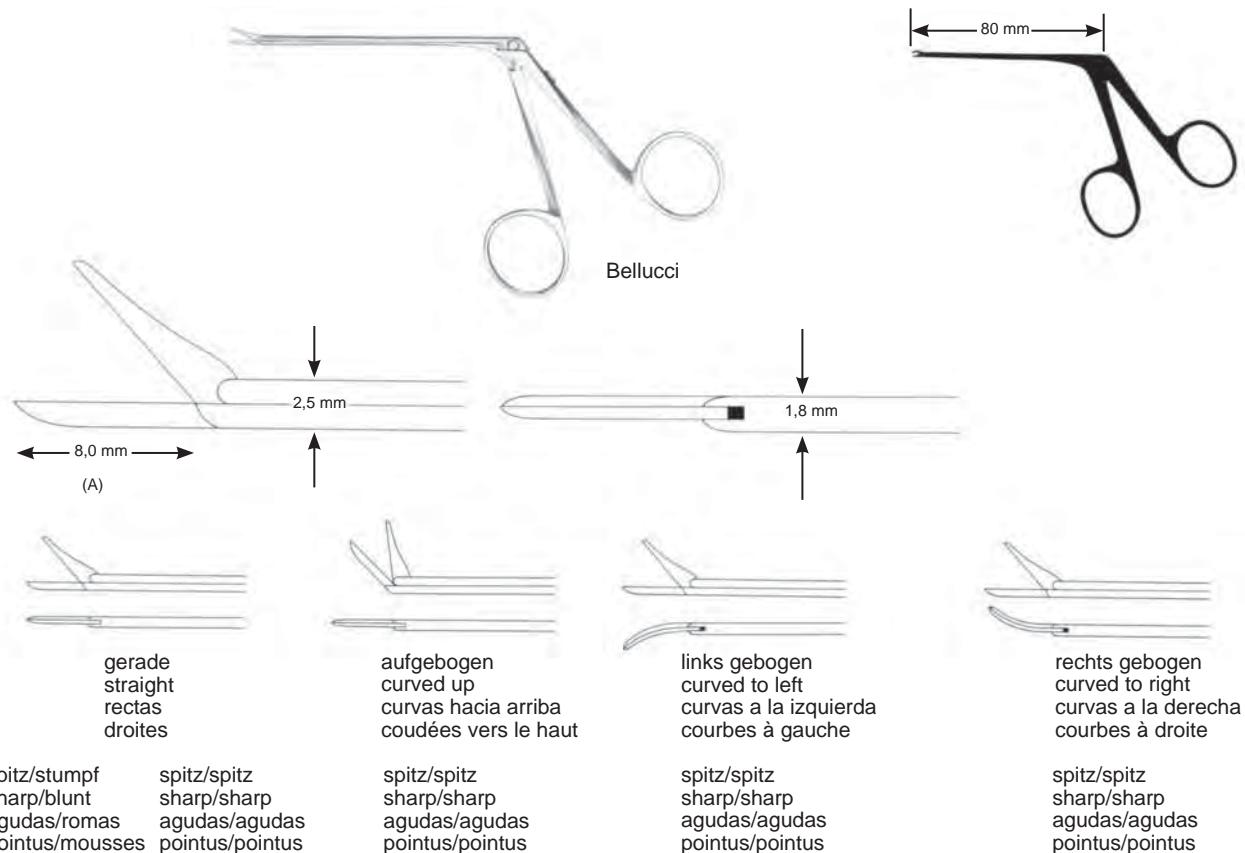
قىچى ميكرو گوش (بلوچى)

Mikro-Ohrscheren nach Bellucci, Schienenschaft

Micro Ear Scissors, Bellucci-type, alligator action

Microtijeras auriculares según Bellucci, vástago corredizo

Microciseaux auriculaires de Bellucci, tige coulissante



65



سینوس - سپتوم - رینولوژی - رینوپلاستی

Rhinologie, Rhinoplastik, Septum

Rhinology, Rhinoplastic Septum

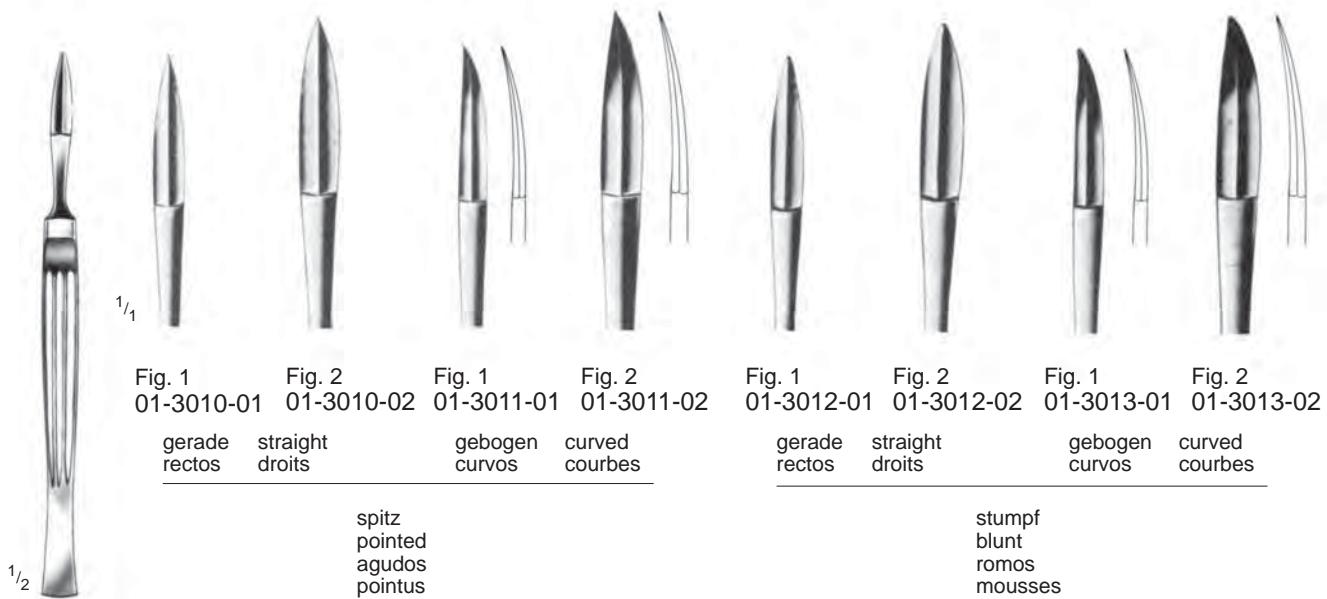
Rinología, rinoplastia, tabique

Rhinologie, rhinoplastie,cloison

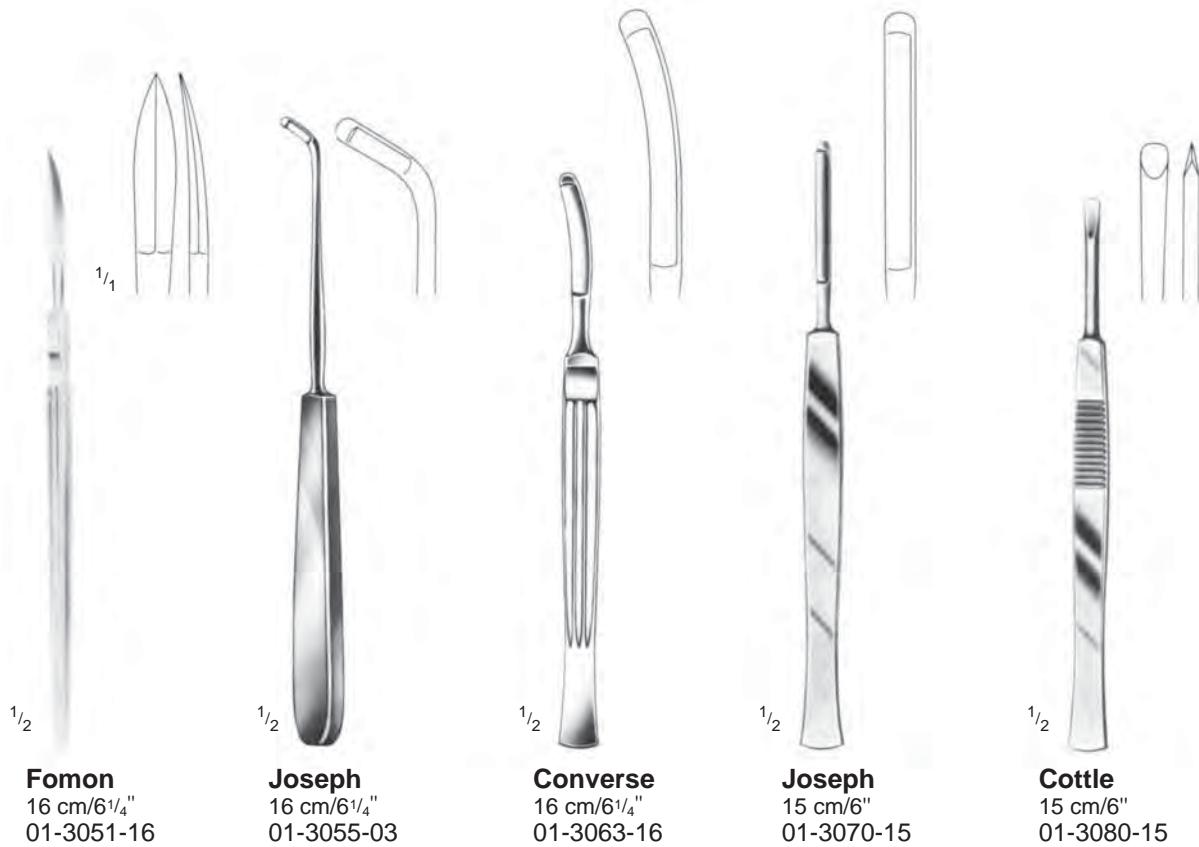


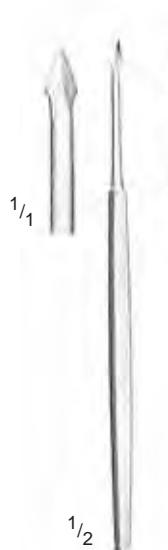
چاقوی رینوپلاستی
Nasenoperationsmesser
Rhinoplastic Knives
Cuchillos para rinoplastia
Couteaux pour rhinoplastie

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



Joseph





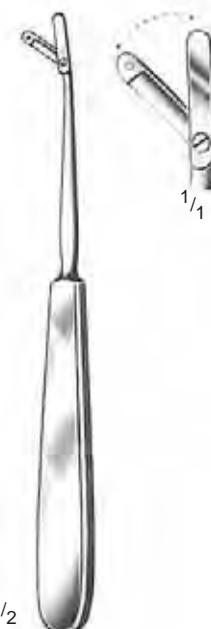
Masing
14 cm/5 1/2"
01-3101-14



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 cartílago
Bistouri pour le cartilage

Mukosamesser
Mucous Knives
Cuchillos para la mucosa
Bistouris pour la muqueuse

Sickle knife
pointed



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



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

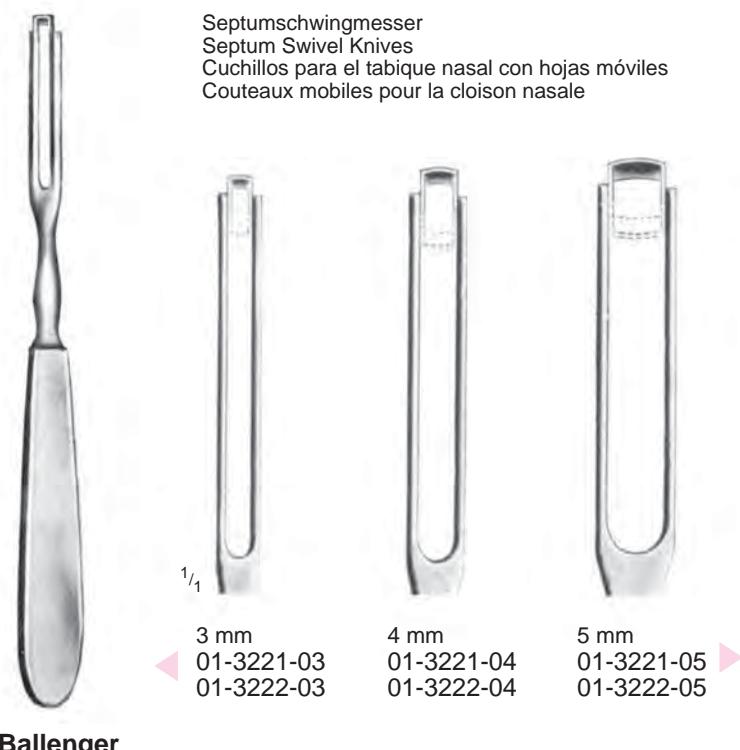


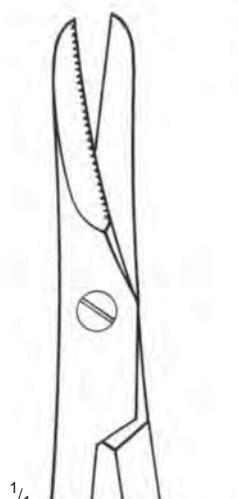
چاقوی سپتوم
Septummesser
Septum Knives
Bisturíes para el tabique nasal
Bistouris pour la cloison nasale

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



Septumschwingmesser
Septum Swivel Knives
Cuchillos para el tabique nasal con hojas móviles
Couteaux mobiles pour la cloison nasale





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"



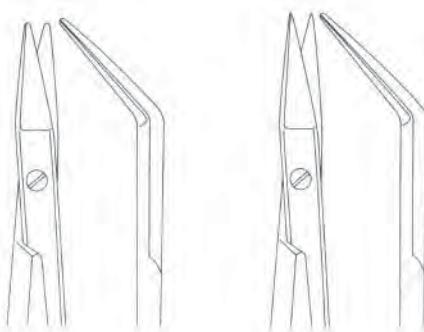
Olivecrona
21,5 cm/8 1/2"
02-4680-13



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



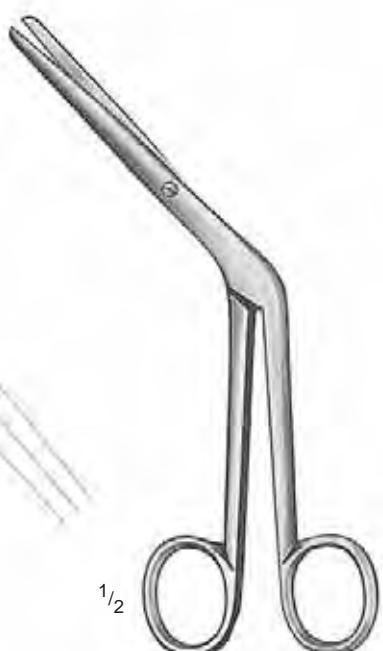
أنواع قيچى بىنى
Nasenscheren
Nasal Scissors
Tijeras nasales
Ciseaux nasaux



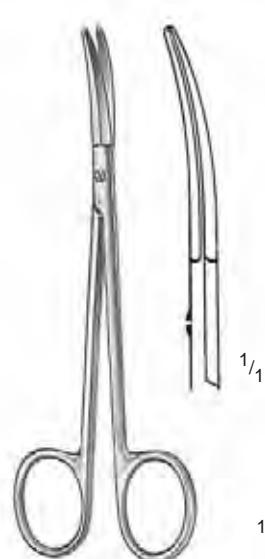
Heymann
18 cm/7"
02-2015-18



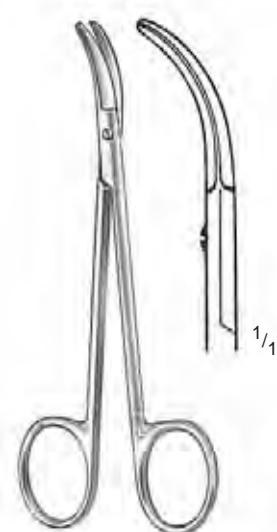
Heymann
18,5 cm/7 1/4"
02-2016-18



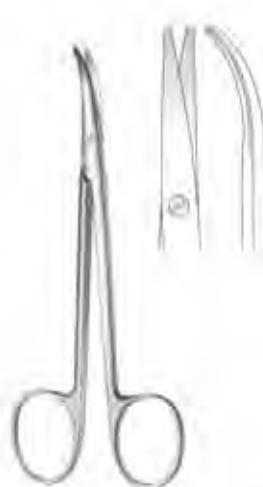
Knight
18 cm/7"
02-2019-18



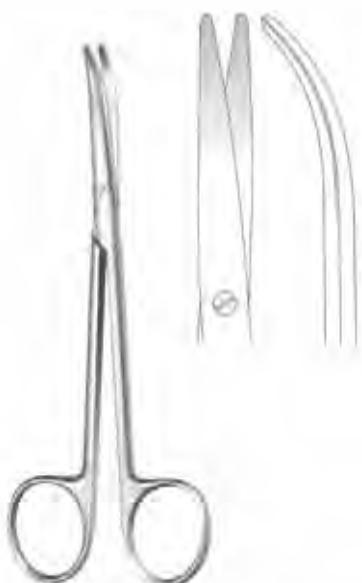
Fomon "Saber Back"
13,5 cm/5 1/4"
02-2031-13



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



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

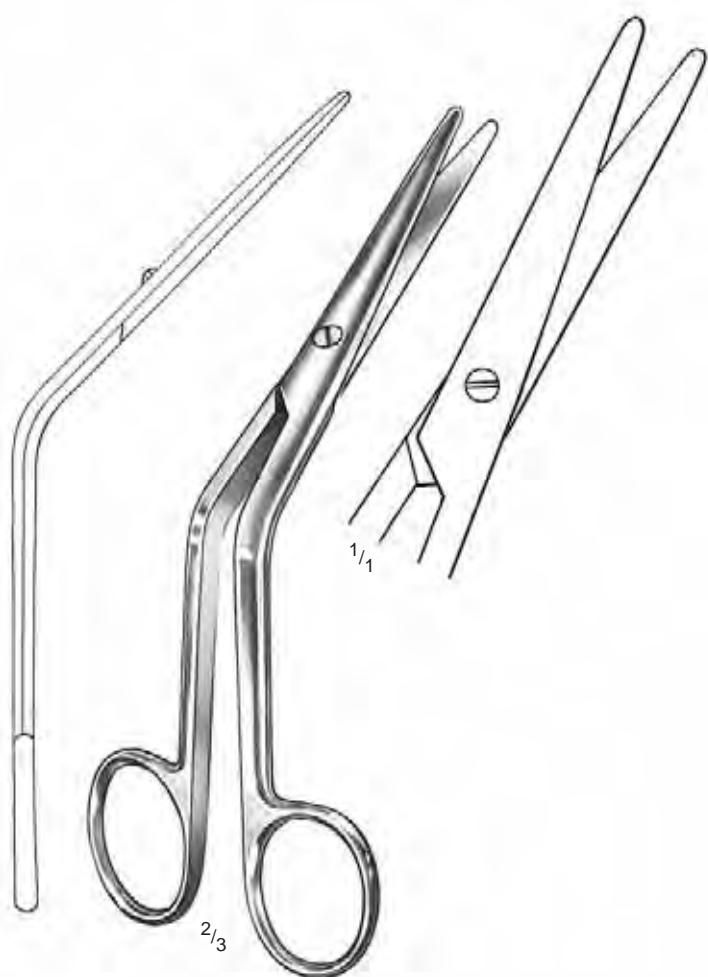


Fomon
14 cm/5 1/2"
02-2038-14



Fomon

14,5 cm/5^{3/4}"
02-2051-14



Cottle

17 cm/6^{3/4}"
02-2055-17



انواع پنست
Verschiedene Pinzetten
Various Forceps
Pinzas diversas
Pince diverses

Gewebe- und Knorpelfaßpinzetten

Tissue and Cartilage Forceps

Pinzas para tejidos y cartílagos

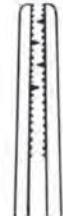
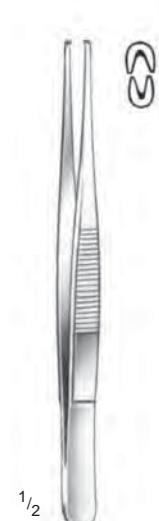
Pince pour saisir tissus et cartilages

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

G D

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



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
Pince pour columelle

Nasenpinzetten
Nasal Dressing Forceps
Pinzas nasales
Pince nasaux



G D

M

M

M

M

M

M

M

M

M

M

M

M

M

M

M

M

M

M

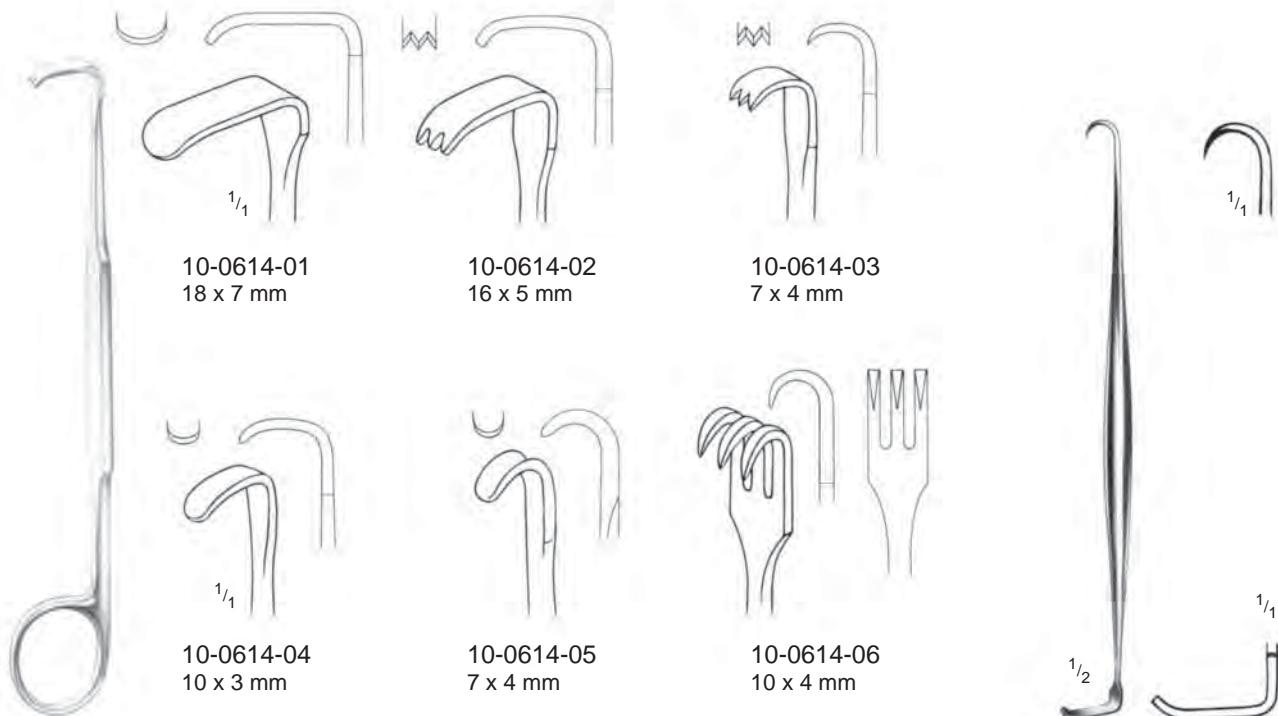
Masing
8,5 cm/3 3/4"
04-5402-85

Cottle
11 cm/4 3/4"
04-5404-11

Jansen
16 cm/6 1/4"
04-5655-16

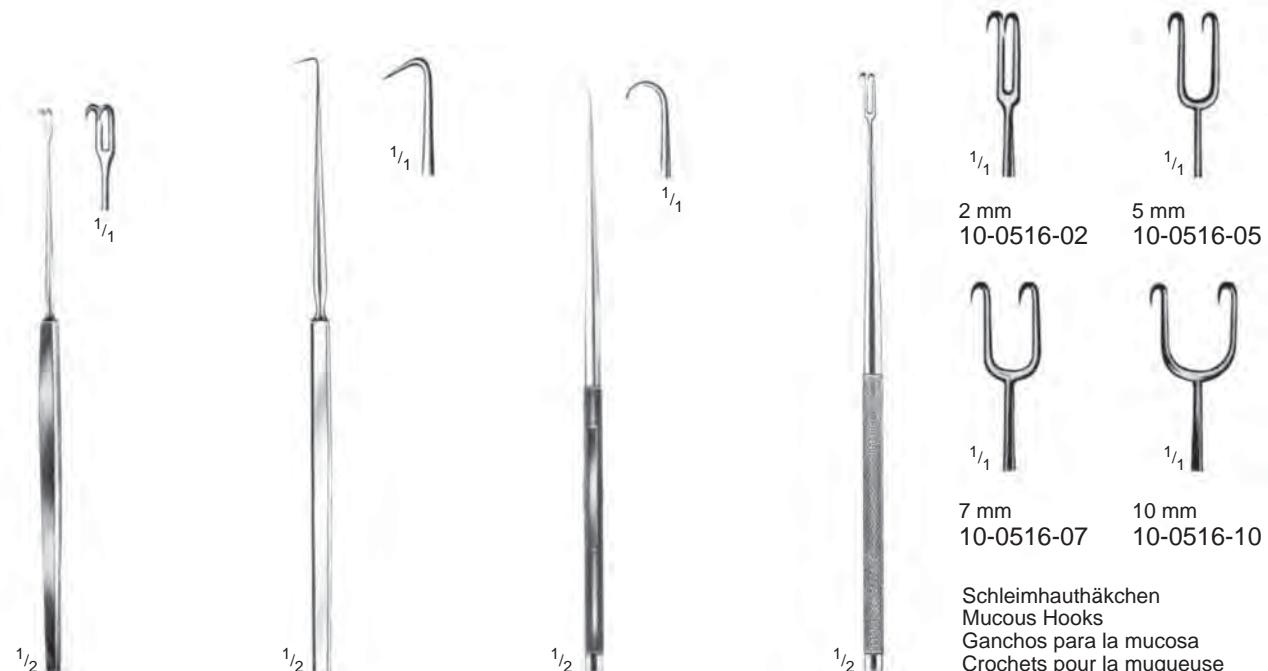
Jansen
19 cm/7 1/2"
04-5655-19

Jansen
16 cm/6 1/4"
04-5663-16



Meyerding Finger Retractors
18 cm/7"
10-0614-00 Satz/Set 6

Meyerding
16 cm/6 1/4"
10-0614-16



Schleimhauthäkchen
Mucous Hooks
Ganchos para la mucosa
Crochets pour la muqueuse

Freer
15 cm/6"
10-0182-15

Cottle
16 cm/6 1/4"
10-0209-16

Joseph
15 cm/6"
10-0515-01

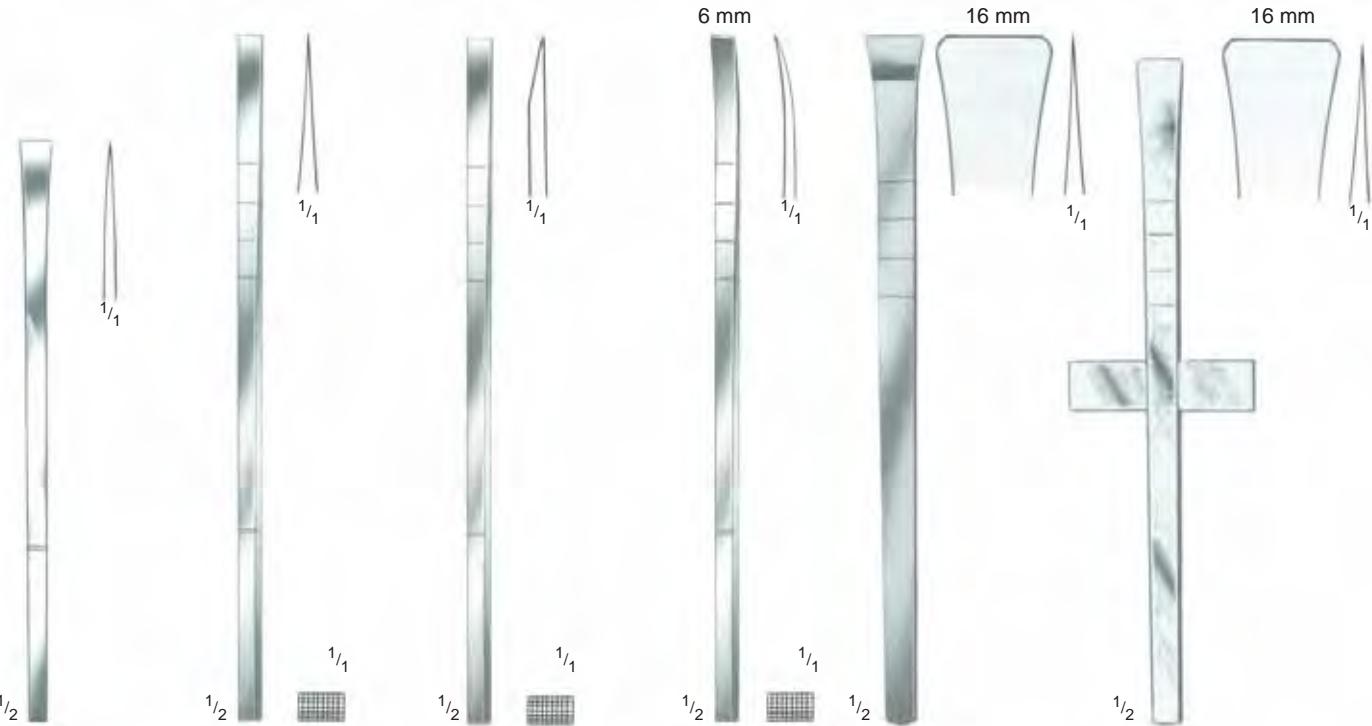
Joseph
16 cm/6 1/4"



أنواع هوک

Nasenflügelhaken
Hooks for posterior nares
Separadores nasales
Crochets pour les ailes du nez





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

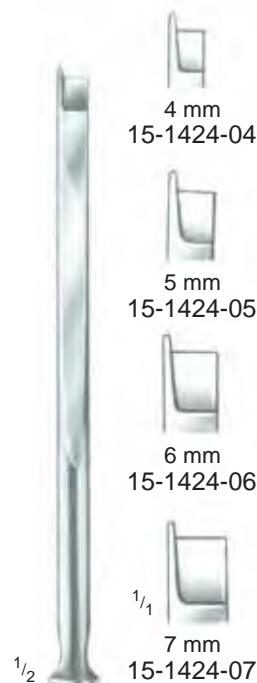
18 cm/7"

15-1418-86

Cottle

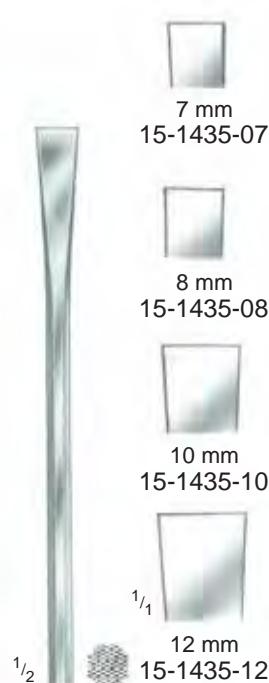
18 cm/7"

15-1418-96



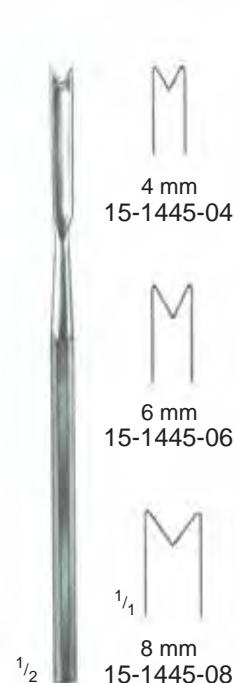
Fomon

14,5 cm/5 3/4"



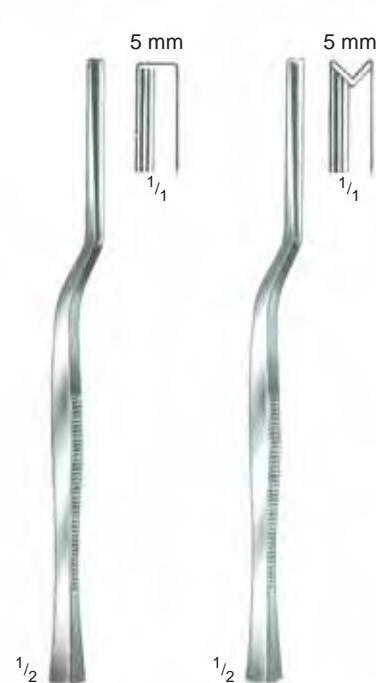
Sheehan

15 cm/6"



Ballenger

15 cm/6"



Killian

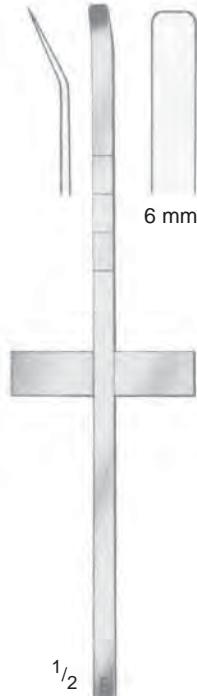
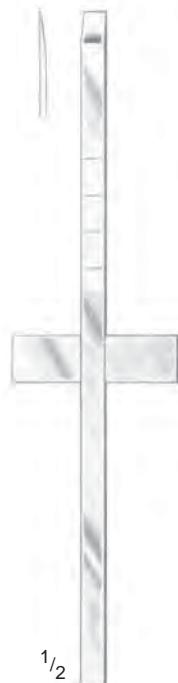
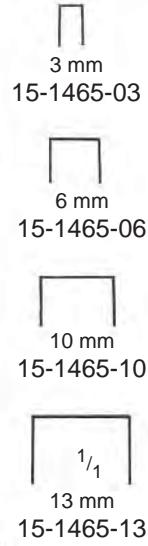
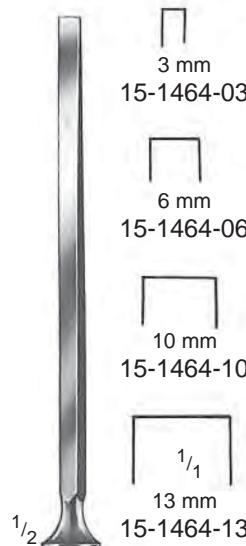
16 cm/6 1/4"

15-1456-05

Killian

16 cm/6 1/4"

15-1457-05

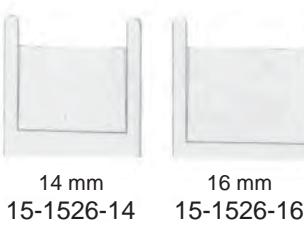


Carroll (French pattern)
14,5 cm/5 $\frac{3}{4}$ "

Carroll (French pattern)
14,5 cm/5 $\frac{3}{4}$ "

Cottle
18 cm/7"

Cottle
18 cm/7"
15-1519-06

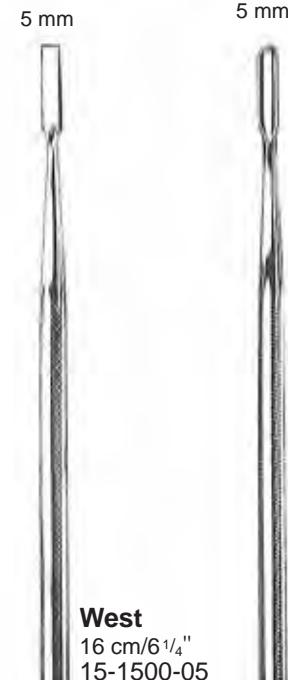
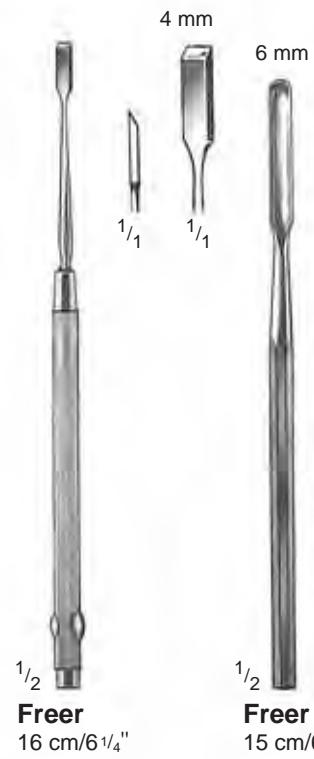
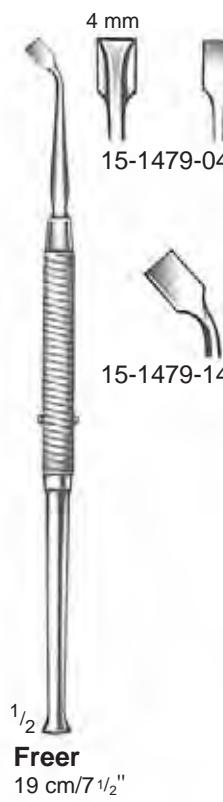


Cinelli
16 cm/6 $\frac{1}{4}$ "

Silver
18 cm/7"
15-1538-01

Silver
18 cm/7"
15-1538-02

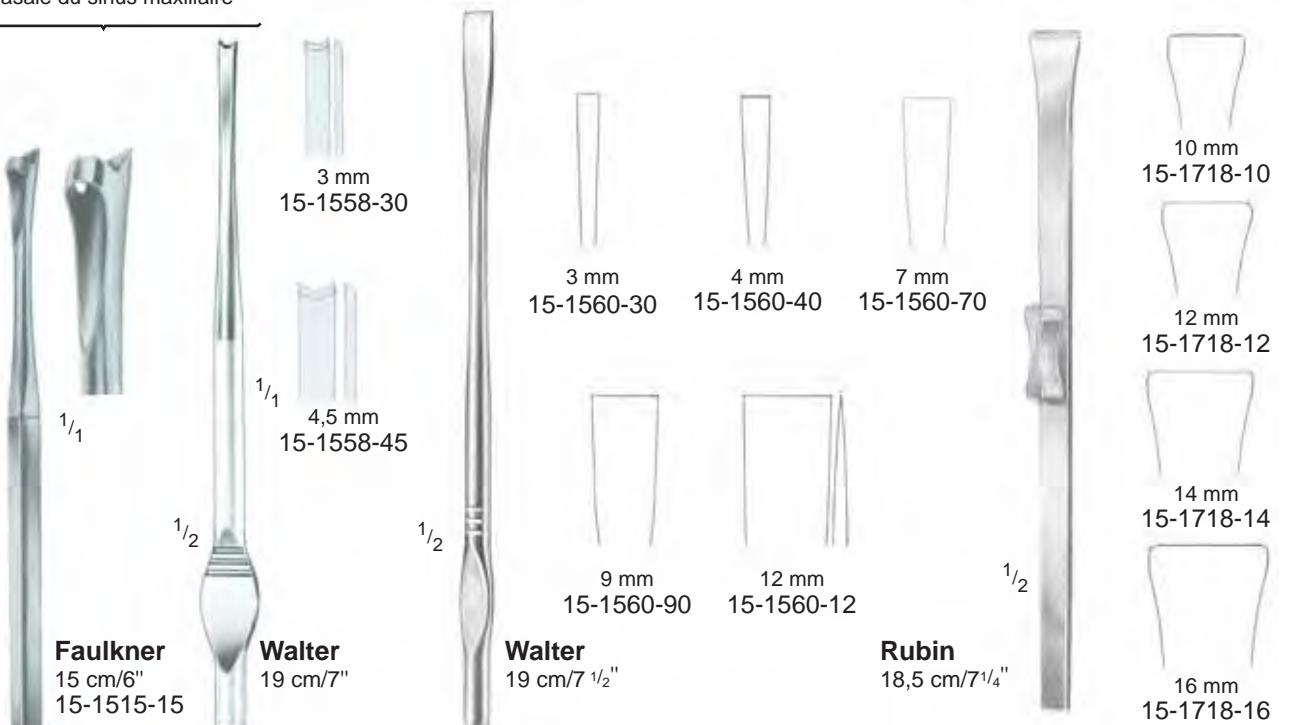
Silver
18 cm/7"
15-1538-03



Tränsack-Flachmeißel
Lachrymal Sac Chisel
Cincel para saco lacrimal
Ciseaux -burin pour le
sac lacrymal

Tränsack-Hohlmeißel
Lachrymal Sac Gouge
Gubia para saco lacrimal
Gouge pour le sac lacrymal

Meißel zur endonasalen Kiefer-
höhlenöffnung
Antrum Trocar Chisel
Cincel para la apertura endonasal
del seno maxilar
Gouge pour l'ouverture
endonasale du sinus maxillaire





كورت آتموئید - كورت فروتسال (كورت جي)

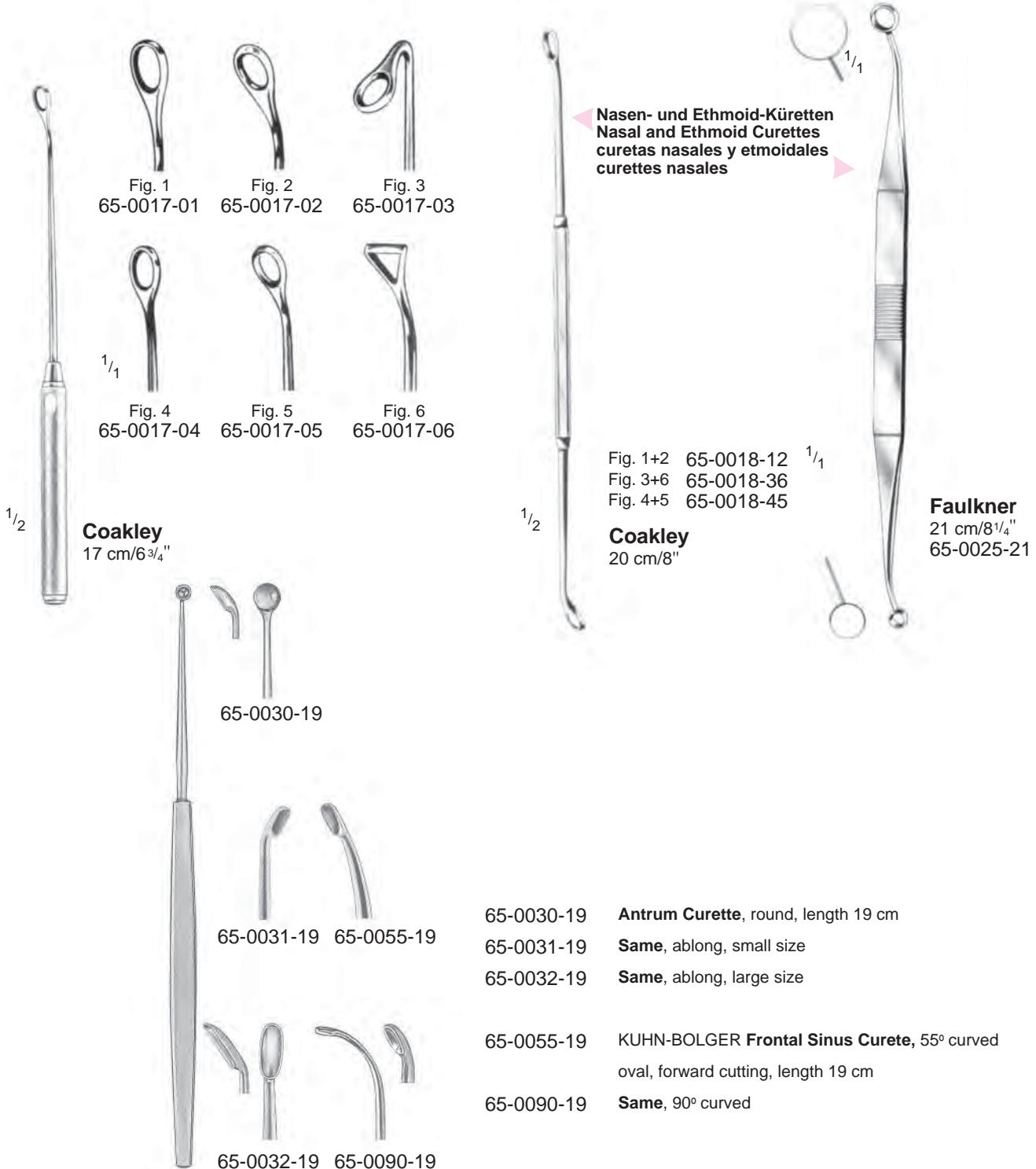
Nasen- und Ethmoid-Küretten, die Stirnhohle Küretten

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



أنواع سوهان رينو

Raspeln, Typ Maltz, Miller Univer Gold T/C

Rasps, Type Maltz, Miller Univer Gold T/C

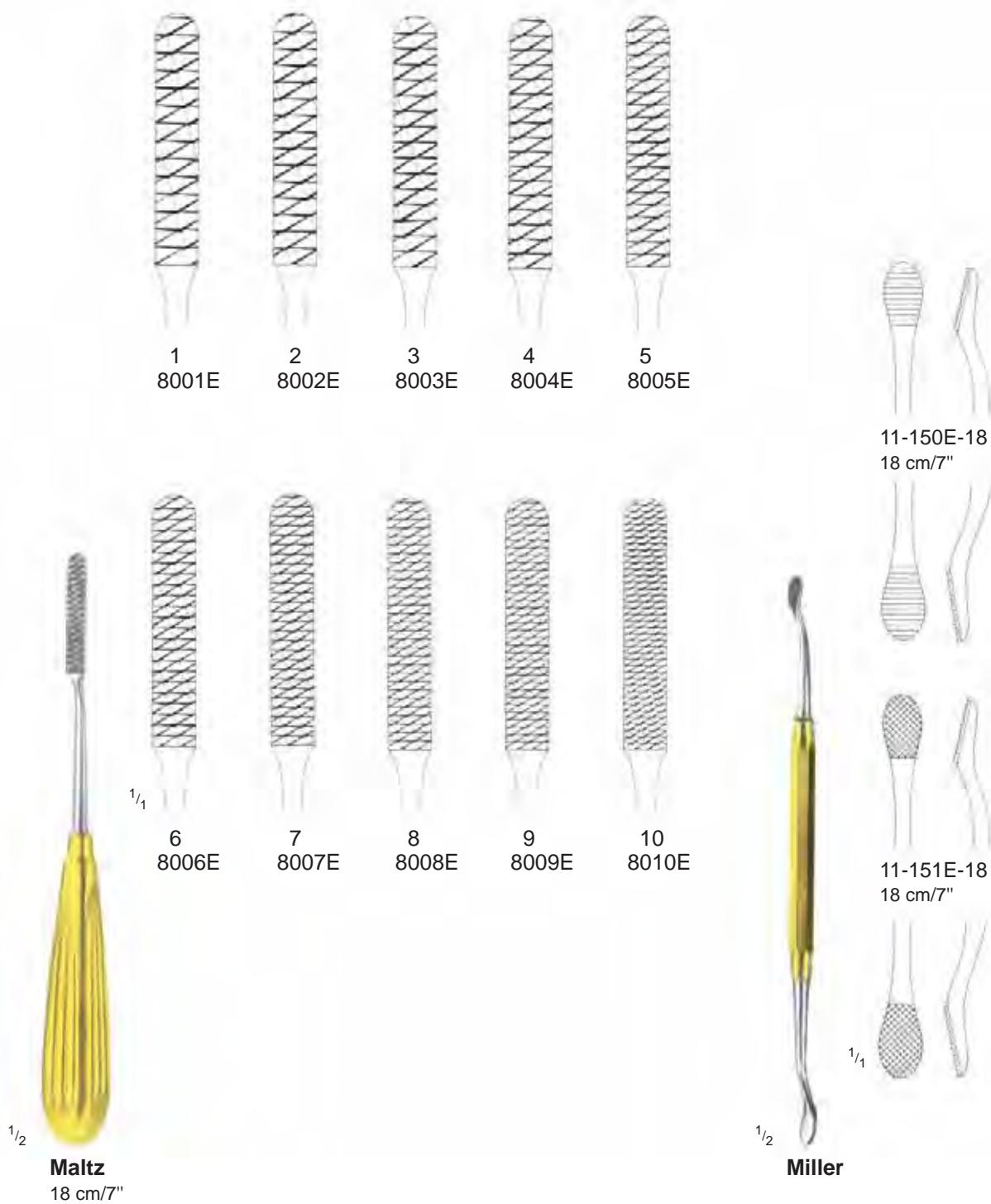
Raspas, Tipo Maltz, Miller Univer Gold T/C

Râpes, Type Maltz, Miller Univer Gold T/C



Univer®

65





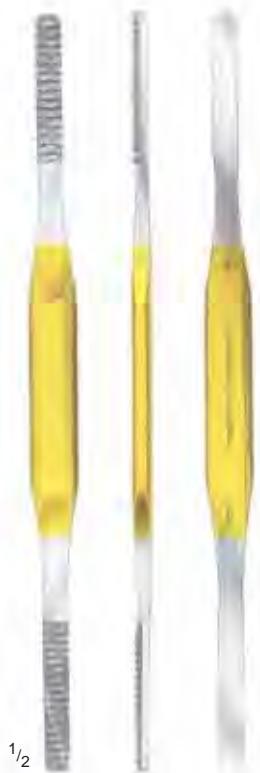
انواع سوهان دوطرفه (فومن) با تیغه تنگستن کارباید

Raspeln, Typ Fomon Univer Gold T/C

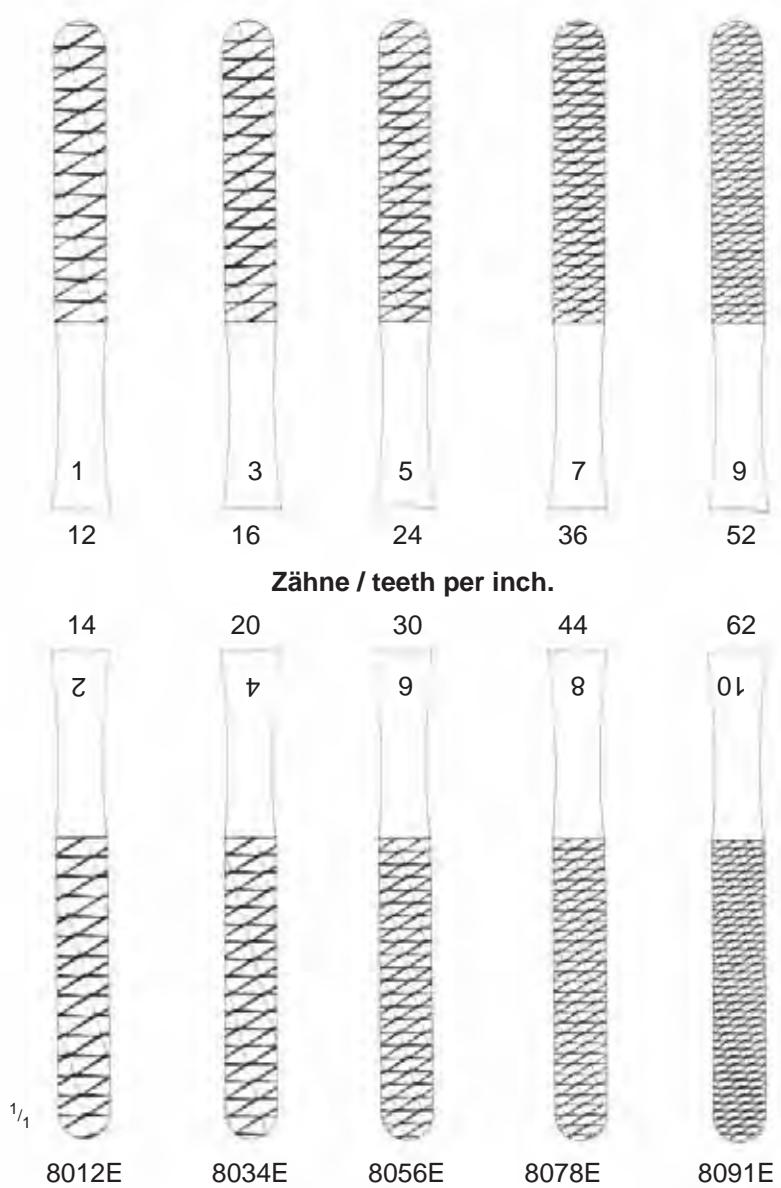
Rasps, Type Fomon Univer Gold T/C

Raspas,Tipo Fomon Univer Gold T/C

Râpes, Type Fomon Univer Gold T/C



Fomon
20 cm/8"



انواع سوهان بینی

Knochenfeile, Nasenraspeln

Bone File, Nasal Rasps

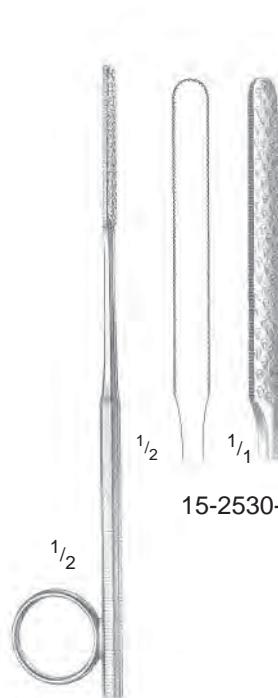
Lima para huesos, raspas nasales

Lime à os, râpes nasales

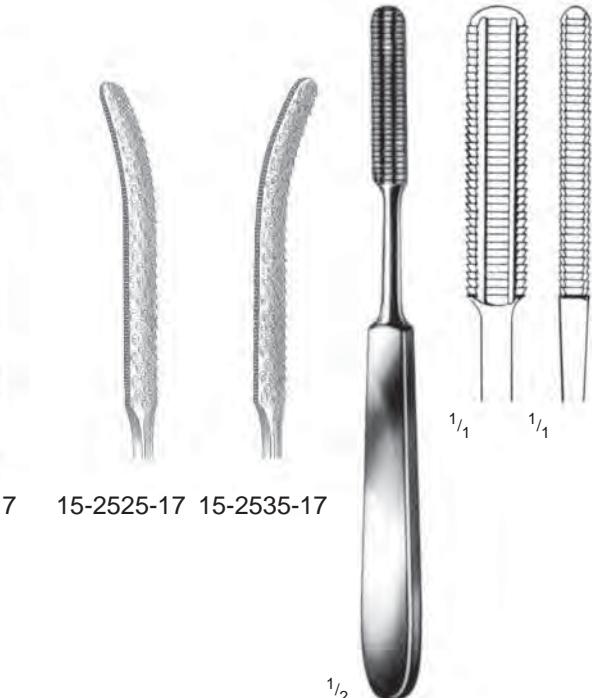


Univer®

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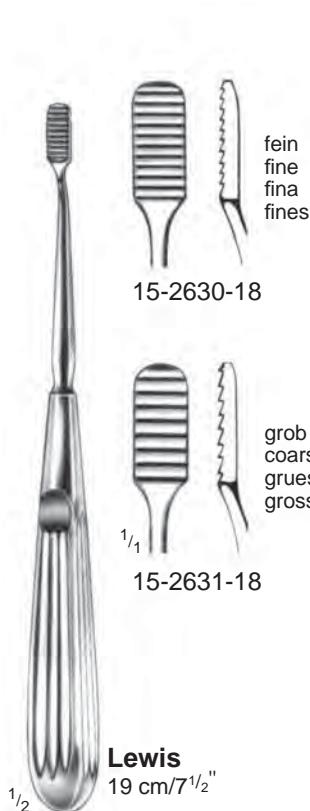
Gallaher
17 cm/6 3/4"
45 x 6mm



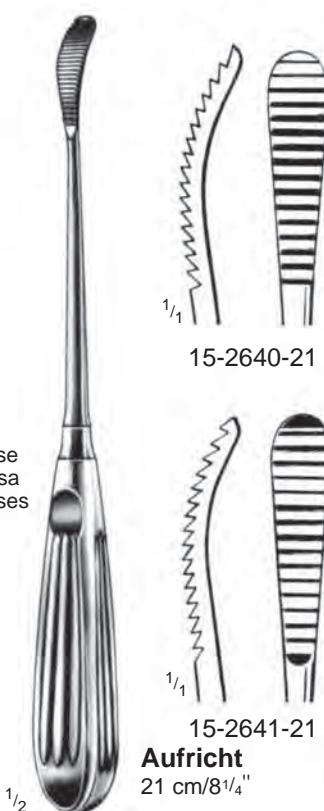
Maltz
18 cm/7"
15-2602-18



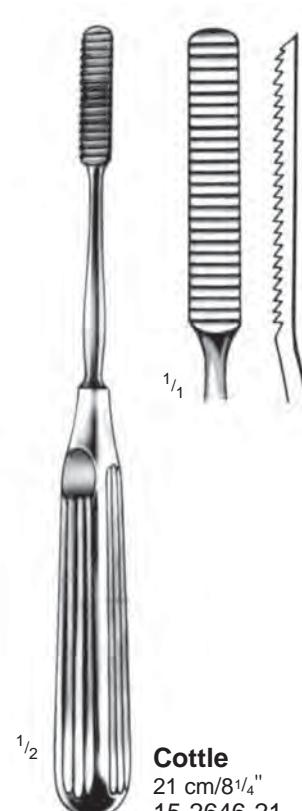
Joseph
16 cm/6 1/4"
15-2616-01



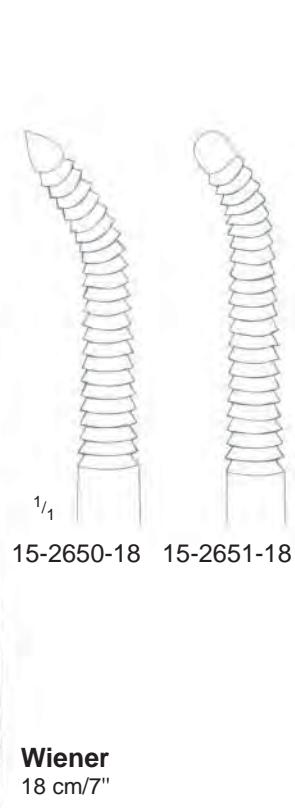
Lewis
19 cm/7 1/2"



Aufricht
21 cm/8 1/4"



Cottle
21 cm/8 1/4"
15-2646-21

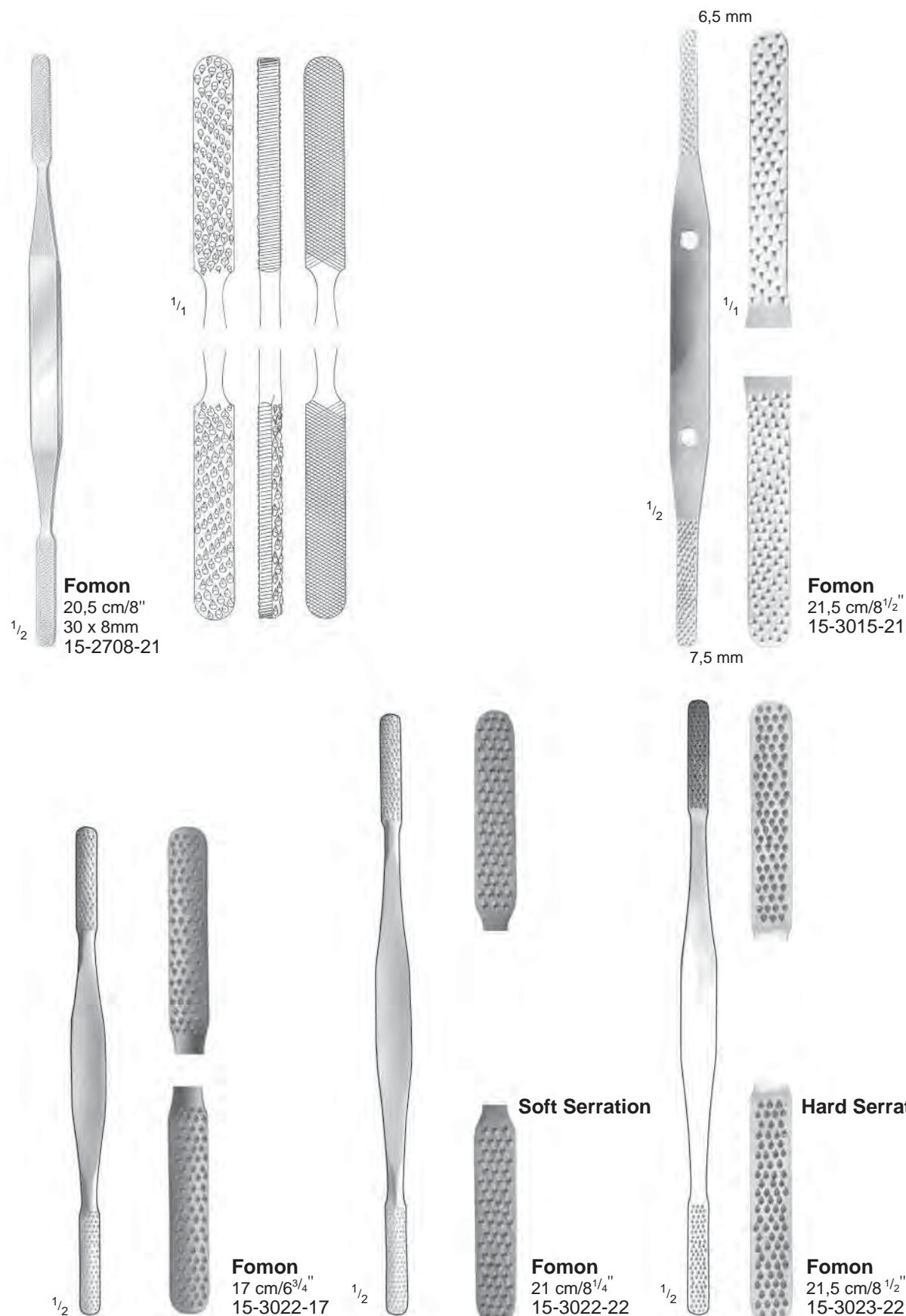


Wiener
18 cm/7"



انواع سوهان سوزنی دوطرفه (فومون)

Raspeln, Typ Fomon
Rasps, Type Fomon
Raspas, Tipo Fomon
Râpes, Type Fomon



انواع سوهان دوطرفه (فون)

Raspeln, Typ Fomon

Rasps, Type Fomon

Raspas, Tipo Fomon

Râpes, Type Fomon



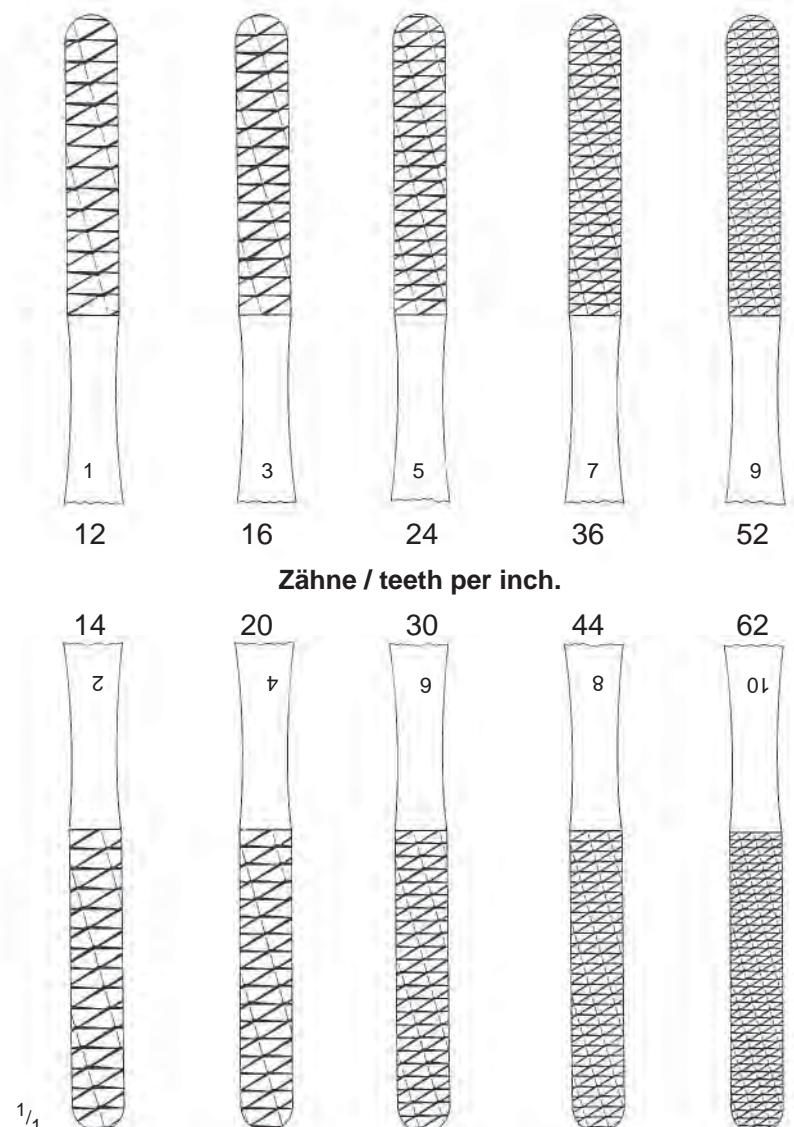
Univer®

65

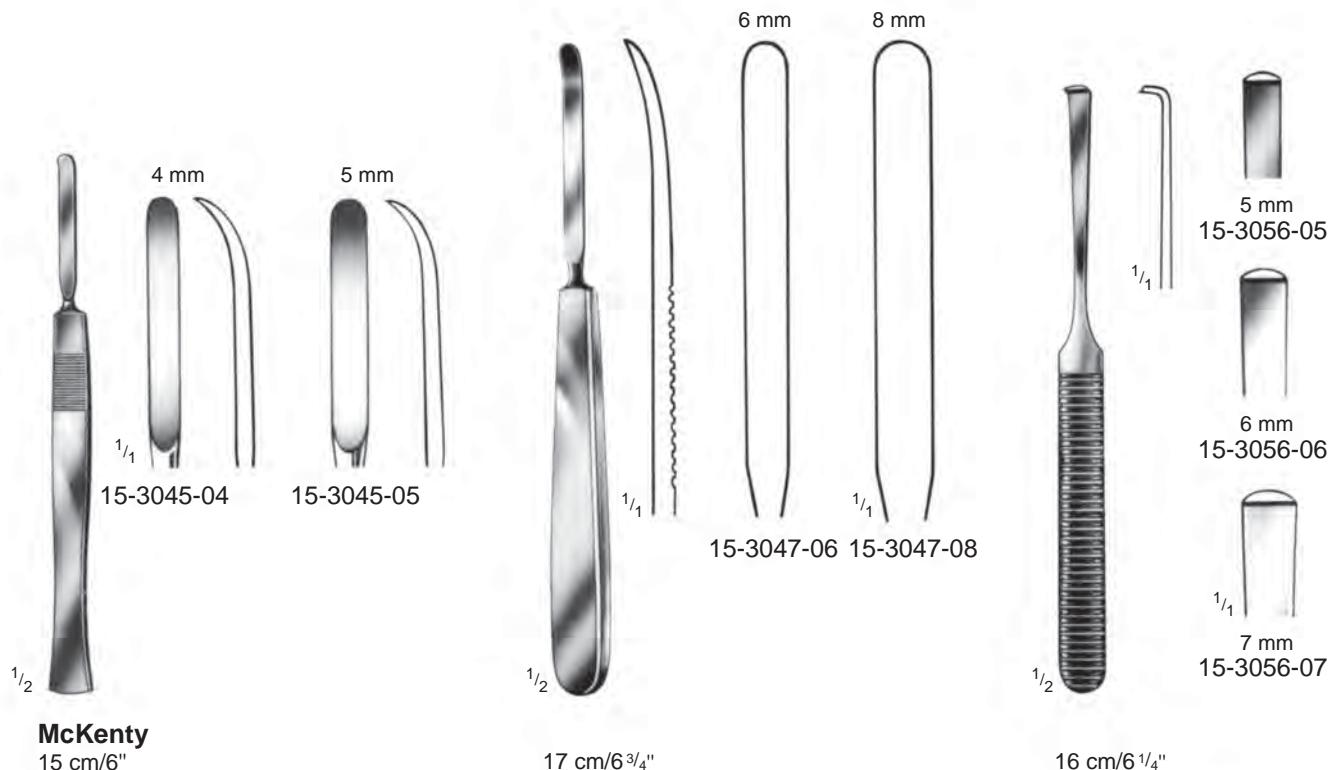


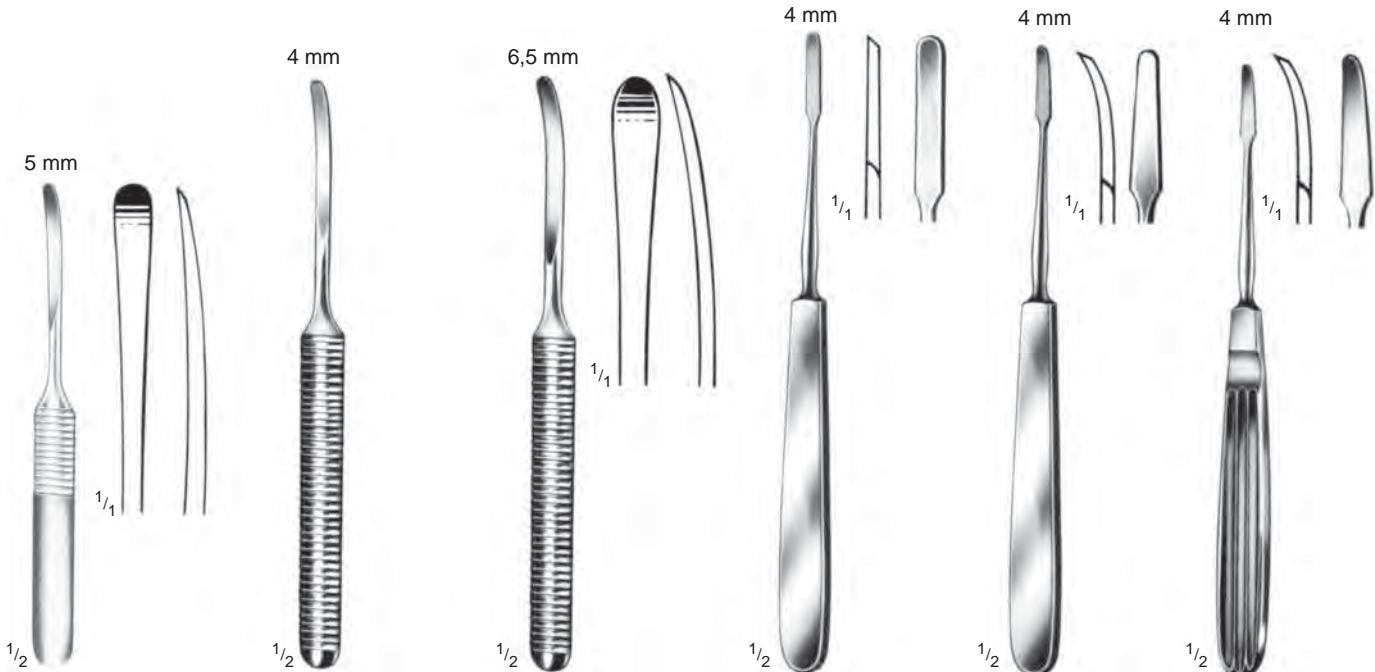
Fomon
21 cm/8^{1/4}"

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





Williger
13 cm/5"
15-3113-05

Williger
16 cm/6 1/4"
15-3116-40

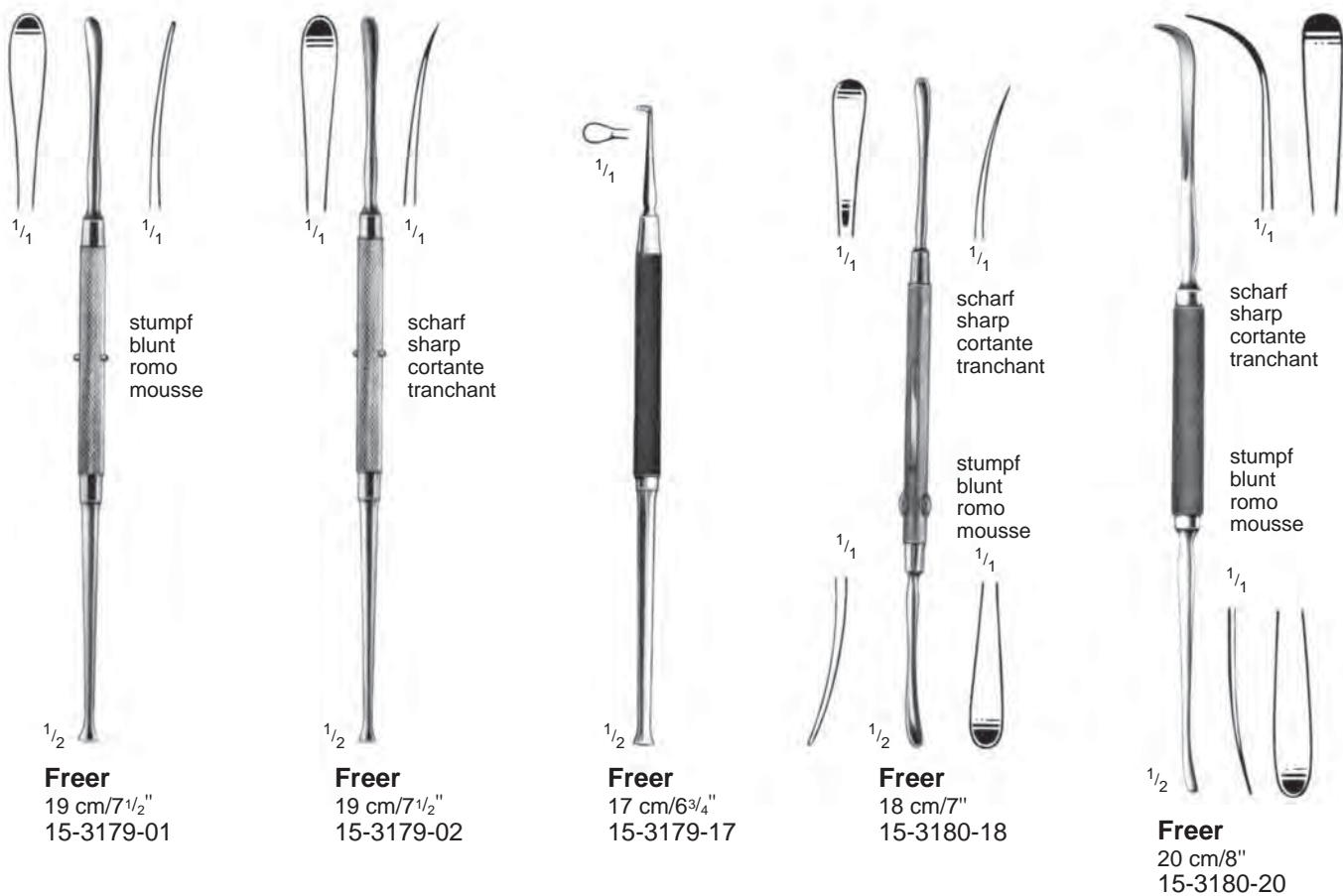
Williger
16 cm/6 1/4"
15-3116-65

Fomon
17 cm/6 3/4"
15-3127-04

Joseph
16 cm/6 1/4"
15-3136-04

Joseph
16 cm/6 1/4"
15-3137-04

Septumelevatorien. Septum Elevators. Elevadores y Espátulas para el tabique nasal. Elévateurs et Spatules pour la cloison nasale





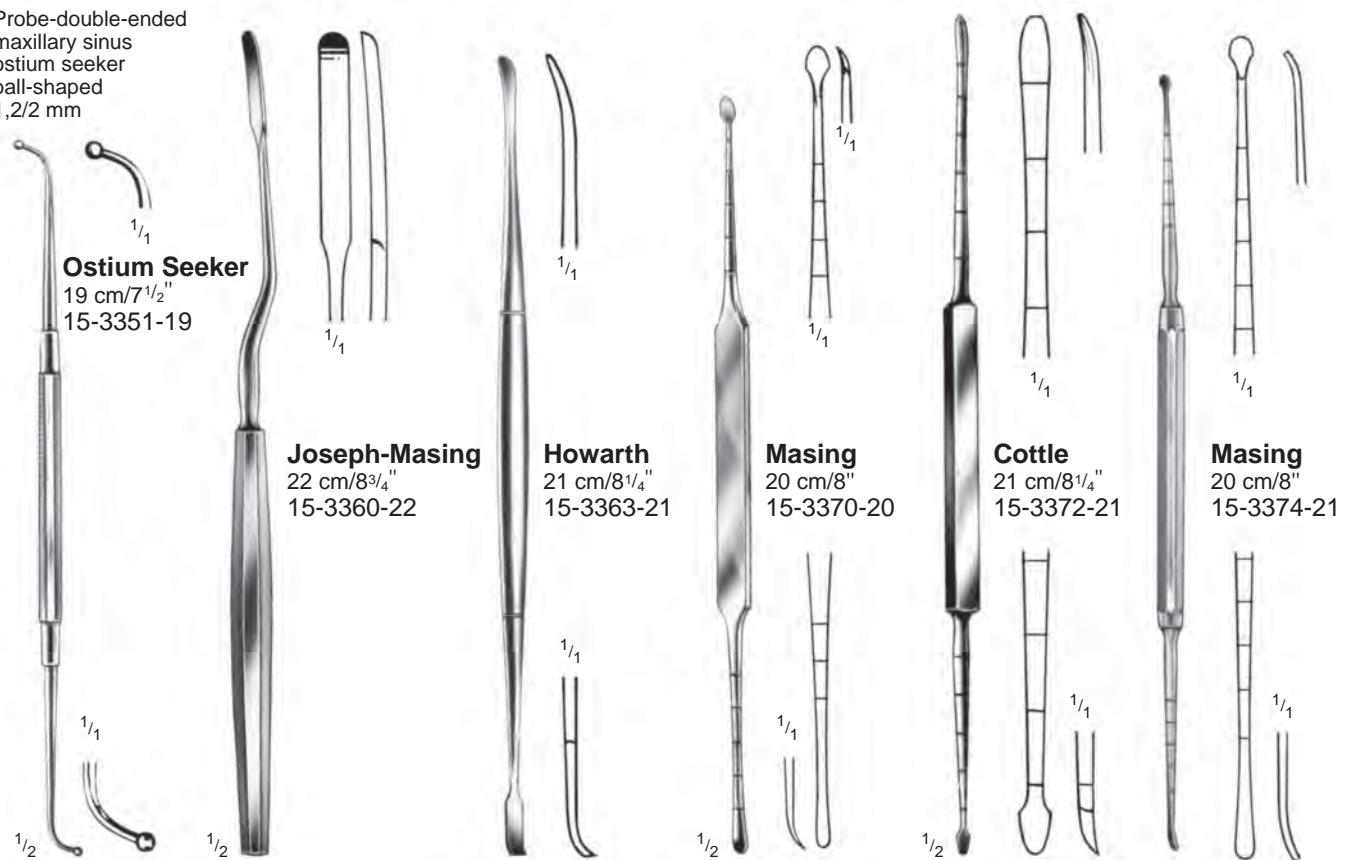
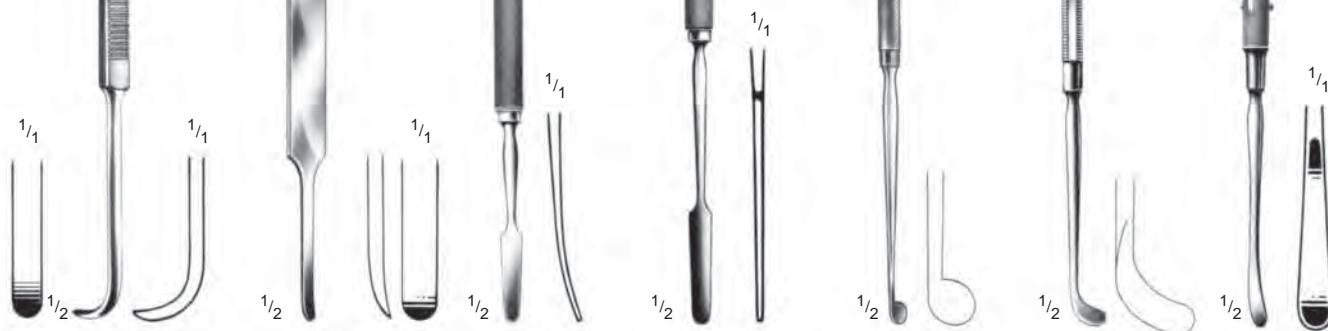
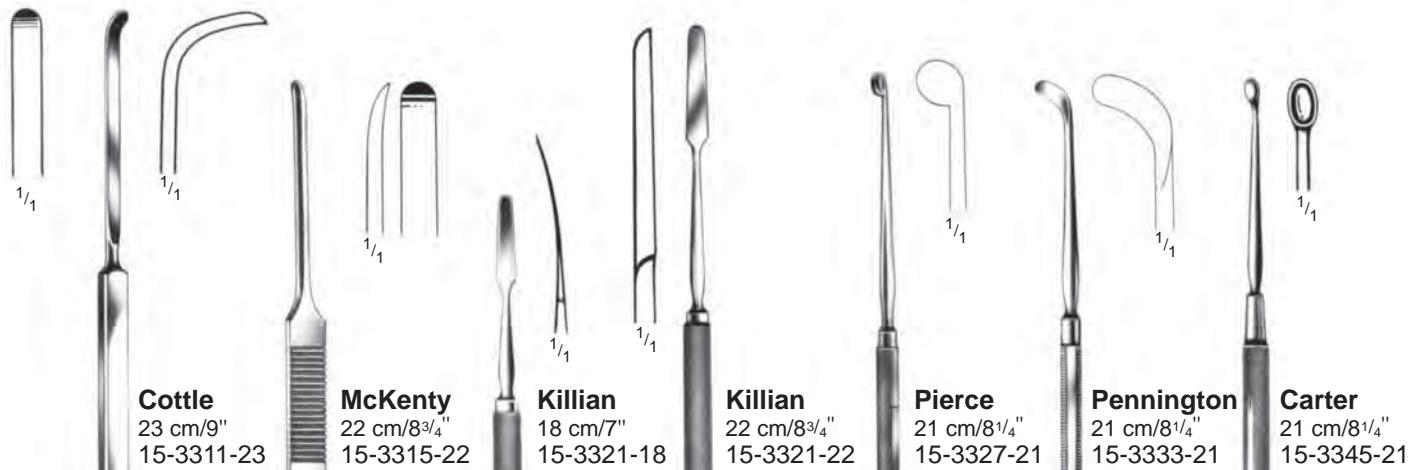
انواع پریوس الوبیور سپتوم

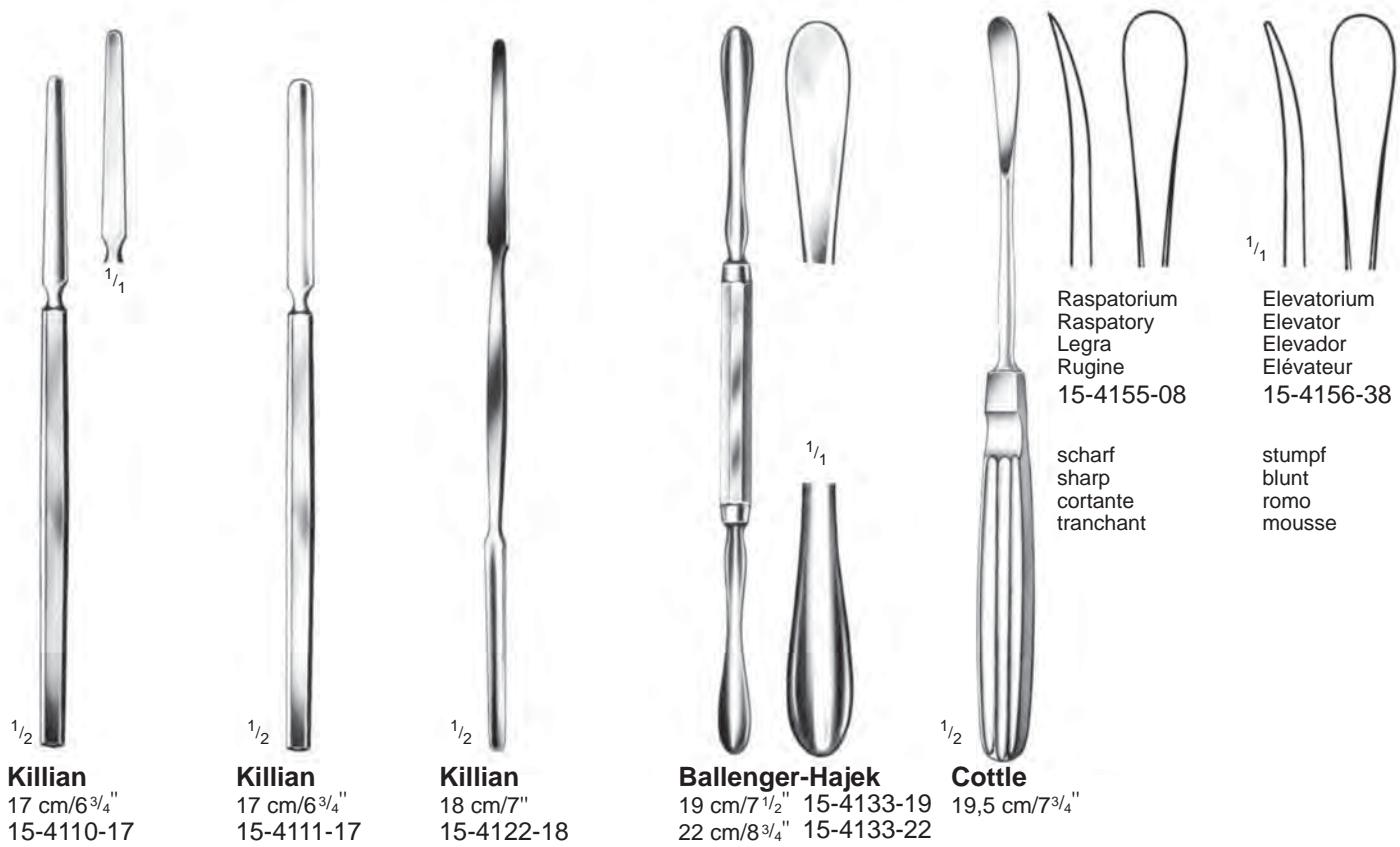
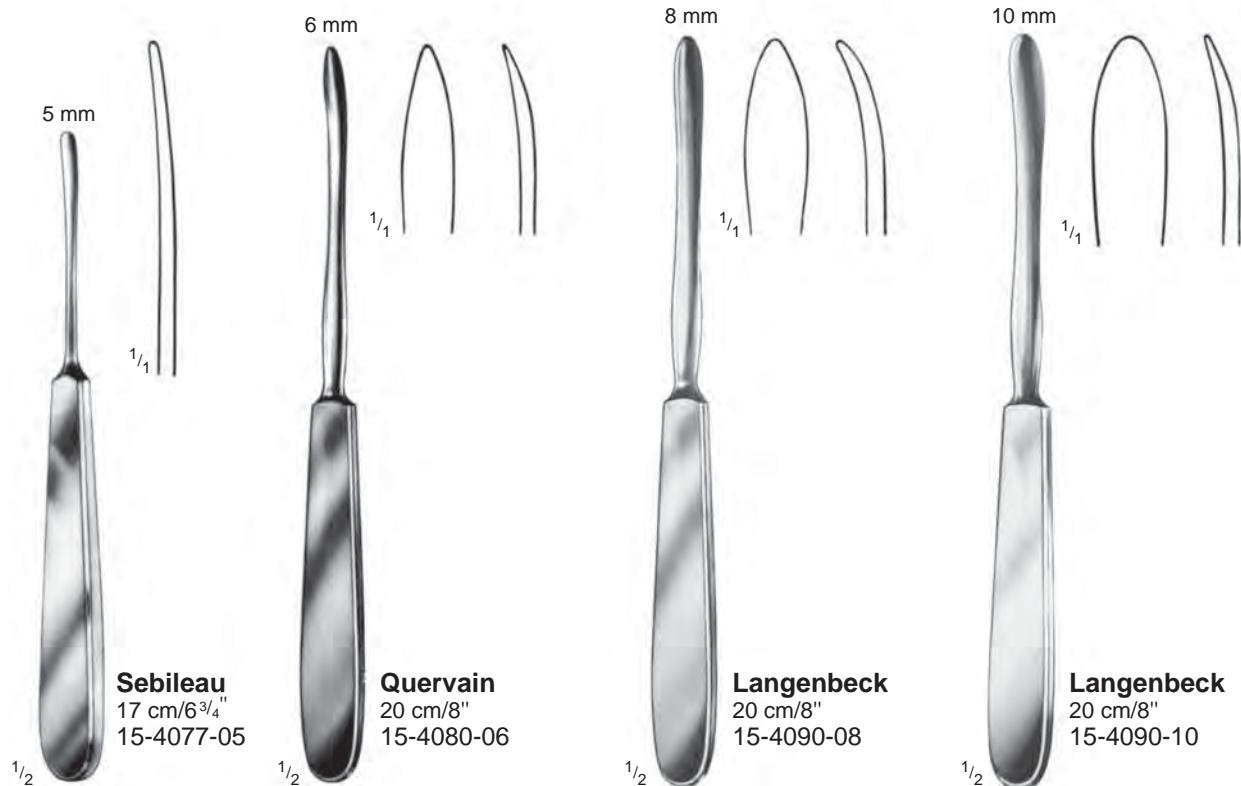
Septumelevatorien und -raspatorien

Septum Elevators and Raspatories

Elevadores y legras para el tabique nasal

Elévateurs et rugines pour la cloison nasale

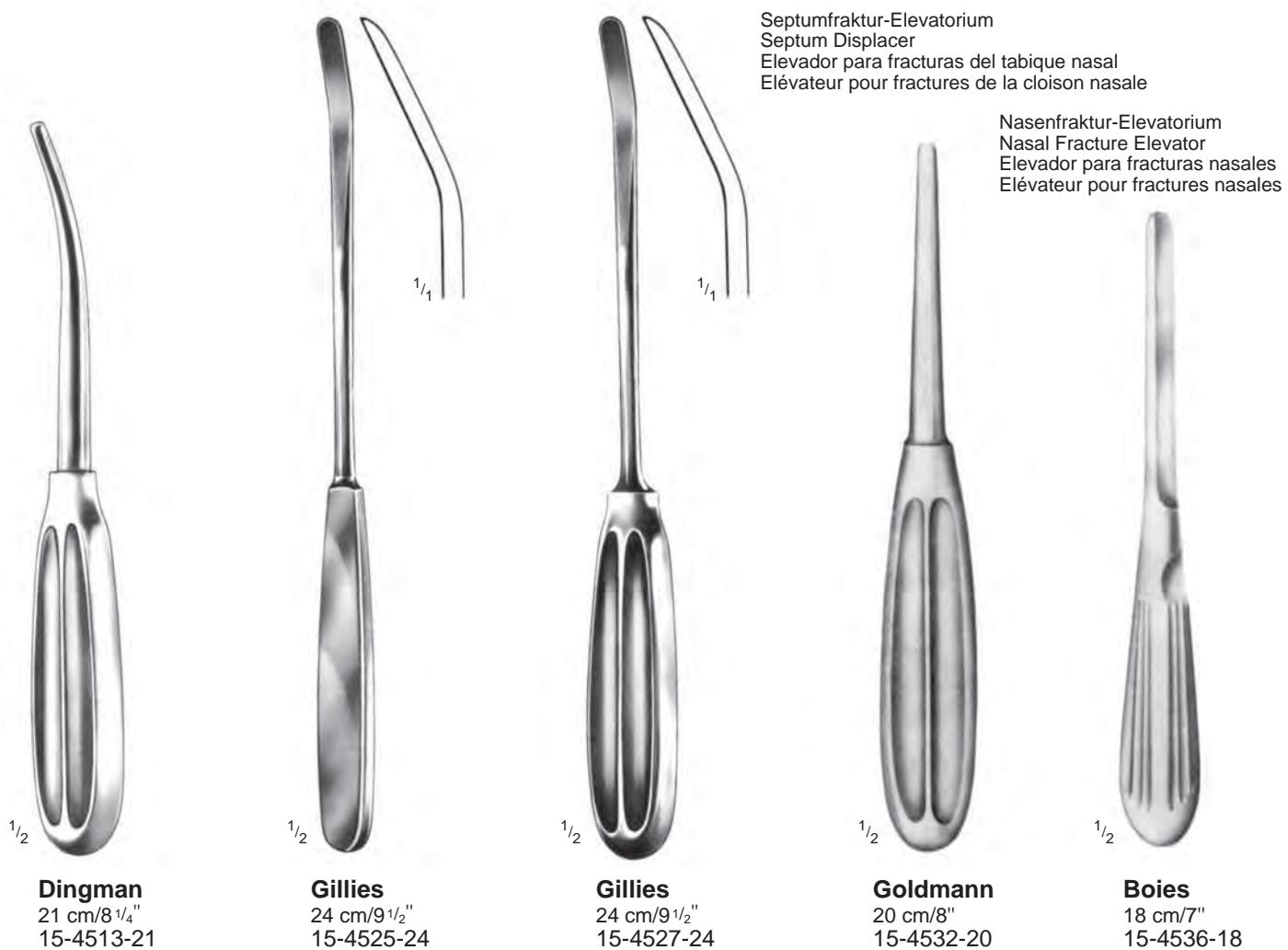






انواع الويتور
Elevatorien
Elevators
Elevadores
Décolleurs

Jochbogenelevatorien Zygoma Elevators
Elevadores para zigoma Élévateurs pour l'arcade zygomatique



Septumfraktur-Elevatorium
Septum Displacer
Elevador para fracturas del tabique nasal
Élévateur pour fractures de la cloison nasale

Nasenfraktur-Elevatorium
Nasal Fracture Elevator
Elevador para fracturas nasales
Élévateur pour fractures nasales

أنواع سوزن بخيه، 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, dilatateurs pour sinus



Univer

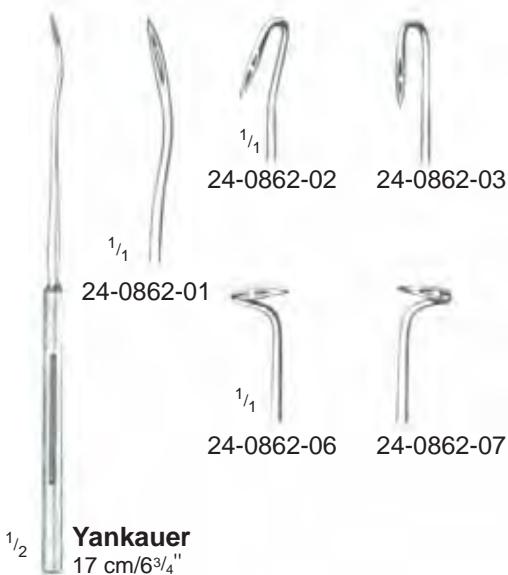
65

Septumnadeln

Septum Suture Needles

Agujas para sutura del tabique nasal

Aiguilles pour la cloison nasale



Yankauer
17 cm/6^{3/4}"



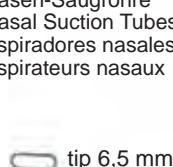
Schlaucholive für Siebenmann
Tubing Connector for Siebenmann
Oliva adicional para Siebenmann
Olive pour tubes de Siebenmann
25-2657-90



Siebenmann
15 cm/6"

Eicken-Killian
13 cm/5"
3 mm Ø
25-2663-30

Nasen-Saugrohre
Nasal Suction Tubes
Aspiradores nasales
Aspirateurs nasaux



tip 6,5 mm

16 cm/6^{1/4}"
5,0 mm Ø
25-2568-50

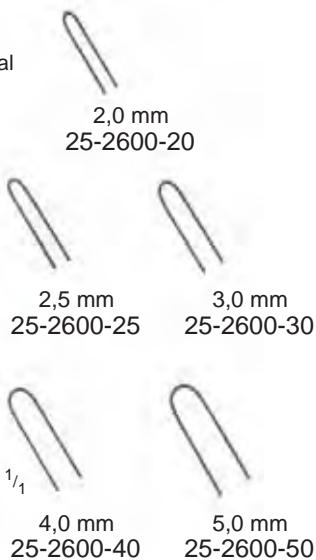
Luer

1/2

Magill
20,5 cm/8"
1/2

Innen Ø
Inner Ø
Ø interior
Ø intérieur

1 mm	25-2861-10
2 mm	25-2861-20
3 mm	25-2861-30



2,0 mm
25-2600-20

2,5 mm
25-2600-25 3,0 mm
25-2600-30

4,0 mm
25-2600-40 5,0 mm
25-2600-50

Ritter-Halle
16 cm/6^{1/4}"

1/2



اسپکلوم بینی
Nasenspekula
Nasal Specula
Espéculos nasales
Spéculums nasaux



Palmer
65-0116-07



Thudichum (Goldsmith)



Voltolini

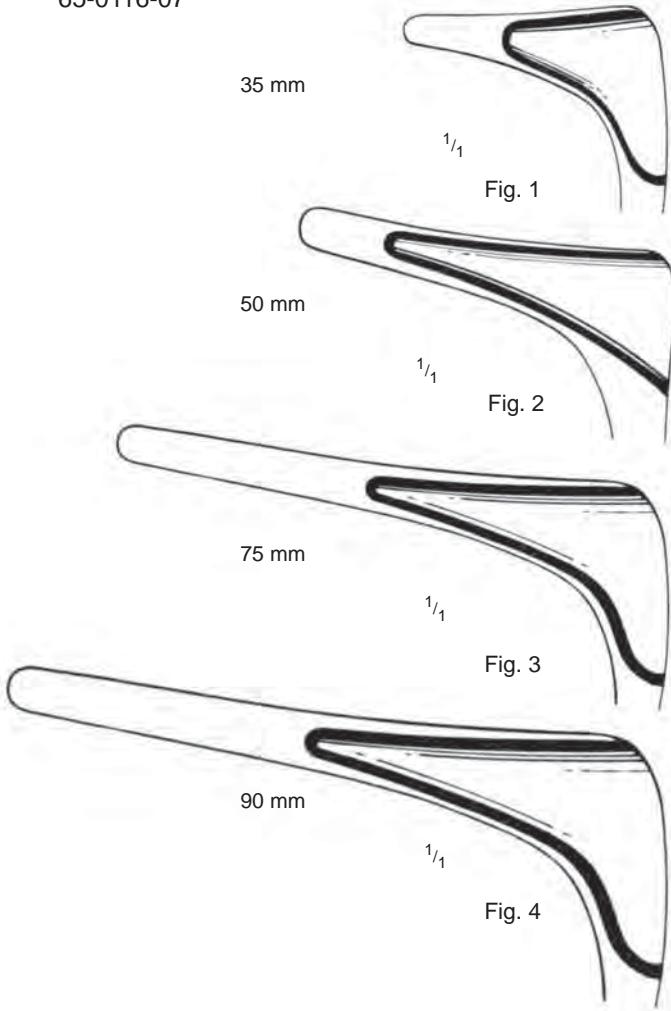
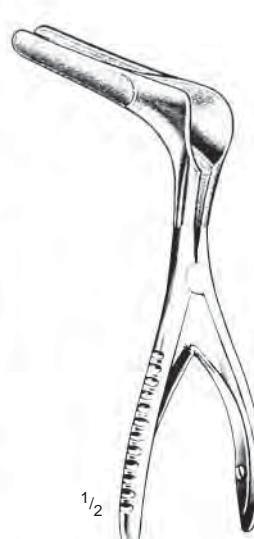


Fig. 4



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 1/2"
Fig. 1 65-0204-35
Fig. 2 65-0204-50
Fig. 3 65-0204-75
Fig. 4 65-0204-90



اسپکلوم بینی

Nasenspekula

Nasal Specula

Espéculos nasales

Spéculums nasaux



Univer®

65



Beckmann
15 cm/6"



Fig. 1

Fig. 2

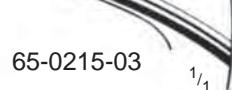
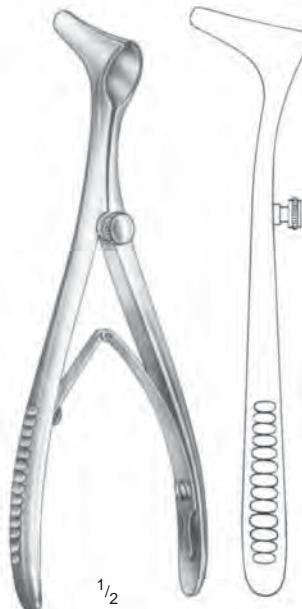


Fig. 3



Hartmann
16 cm/6 1/4"

1/2

für Kinder
for children
para niños
pour enfants

65-0222-00

Fig. 0

65-0222-01

Fig. 1

65-0222-02

Fig. 2

65-0222-03

Fig. 3

1/1



Hartmann-Halle
15 cm/6"
65-0230-##



Fig. 1



Fig. 2



Fig. 3



Sonnenschein
15 cm/6"

1/1

65-0234-01

Fig. 1

1/1

65-0234-02

Fig. 2



اسپکلوم بینی
Nasenspekula
Nasal Specula
Espéculos nasales
Spéculums nasaux

**Cottle**

15 cm/6"

- Fig. 1 65-0260-35
 Fig. 2 65-0260-50
 Fig. 3 65-0260-75
 Fig. 4 65-0260-90

**Cottle**

15 cm/6"

- Fig. 1 65-0261-35
 Fig. 2 65-0261-50
 Fig. 3 65-0261-75
 Fig. 4 65-0261-90

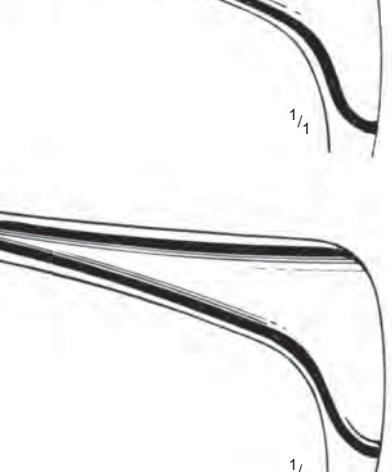
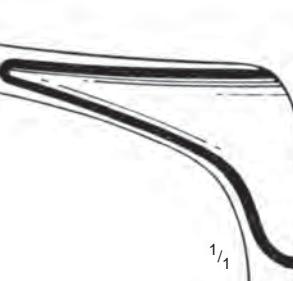
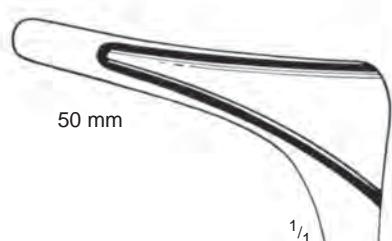
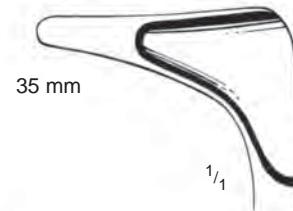


Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Nasenseptumspékulum
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)

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
Compáses 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 inoxydable, 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



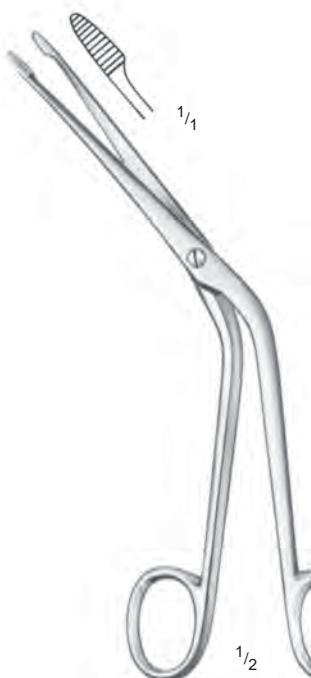
پنس تامپون - پنس پلیپ (هارتمن)

Polypen-, Tampon- und Septumzangen

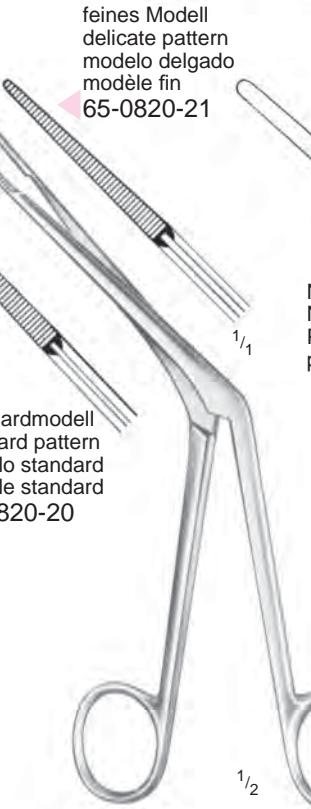
Polypus, Tampon and Septum Compression Forceps

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



Nasentamponadezange
Nasal Tampon Forceps
Pinza para taponamiento
pince à pansements

Lubet-Baron
18,5 cm/7 1/4"
65-0820-30

Westmacott

20 cm/8"



Hartmann
18,5 cm/7 1/4" 65-0812-18
20 cm/8" 65-0812-20



Tilley

17 cm/6 3/4"
65-0821-17

Killian

17 cm/6 3/4"
65-0829-01

پنس لوك سپتوم

Scharfe Nasenzangen, Septum

Nasal Cutting, Septum Compression Forceps

Pinzas cortantes para la nariz, pinza para el tabique nasal

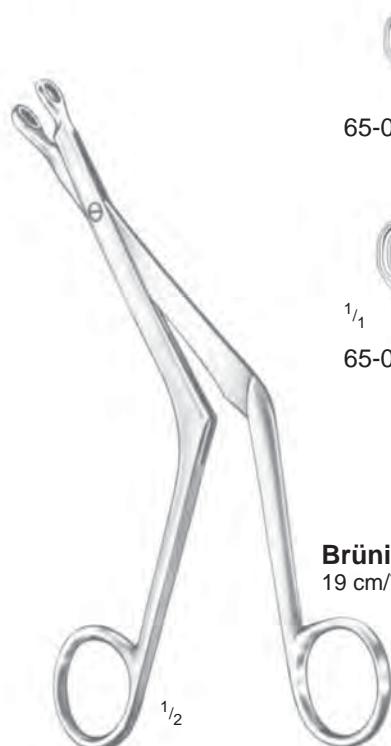
Pince coupantes pour le nez, la cloison nasale



Univer®

65

Septumzangen
Septum Compression Forceps
Pinzas para el tabique nasal
Pince pour la cloison nasale



65-0905-01 65-0905-02

1/1
65-0905-03 65-0905-04

Brünings
19 cm/7½"

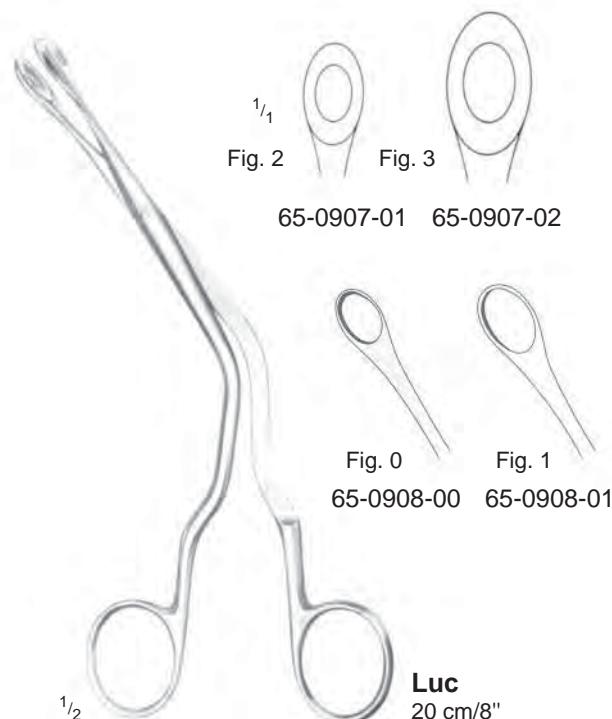


Fig. 2 Fig. 3

65-0907-01 65-0907-02

Fig. 0 Fig. 1

65-0908-00 65-0908-01

Luc
20 cm/8"



پنس اتموئید

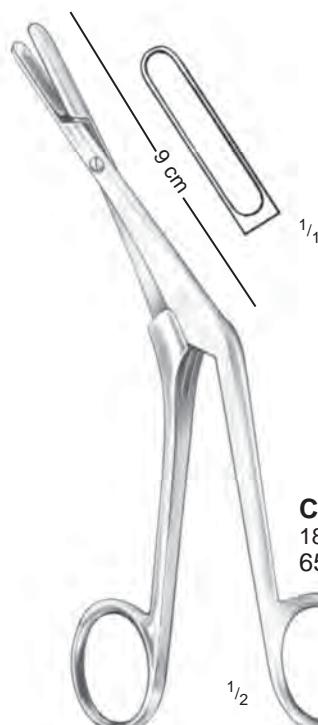
Scharfe Nasenzangen, Siebbeinzangen**Nasal Cutting, Ethmoid Forceps****Pinzas cortantes para la nariz, pinza para etmoides****Pince coupantes pour le nez, la ethmoïdale**

Vomer-Zangen

Vomer Forceps

Pinzas cortantes para el vómer

Pince coupantes pour le vomer



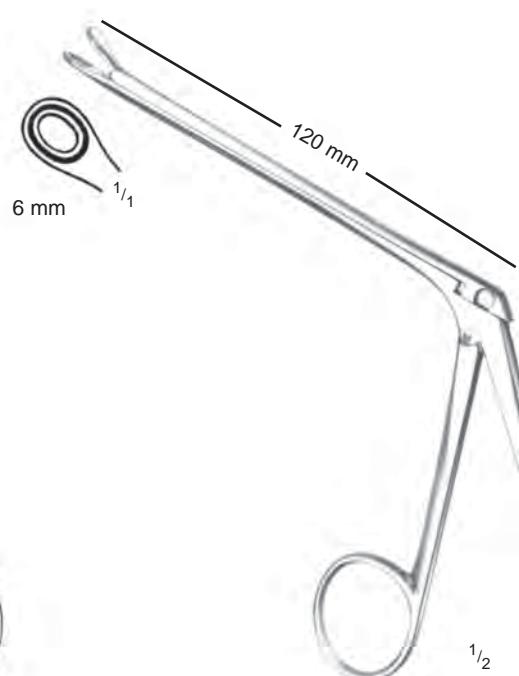
Craig
18 cm/7"
65-0930-18



Siebbeinzange
Ethmoid Forceps
Pinza para etmoides
Pince ethmoïdale



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

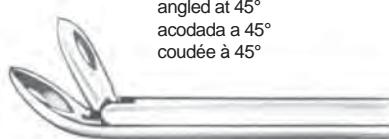
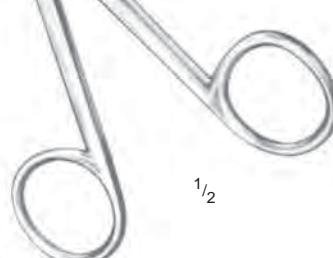
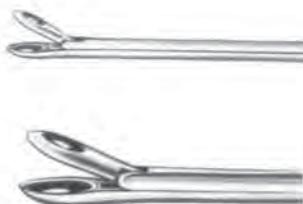
Pince coupantes pour le nez



Univer®

65

12,5 cm



65-0960-01



65-0960-02



65-0960-03



65-0960-04



65-0960-05

1/1

Weil-Blakesley

1/2



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



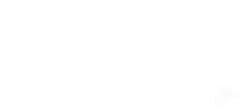
65-0962-90

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

13 cm





انواع پانچ بینی (بلک اسلی)
Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes para la nariz
Pince coupante pour le nez



65-0990-45

BLAKESLEY-WILDE Nasal Forceps,
 45° upturned, long jaws 3.5×13 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 3.5×14 mm,
working length 11 cm



65-0999-14

BLAKESLEY-WILDE Nasal Forceps,
 60° upturned, long jaws 6×20 mm,
rounded tips, for grasping polyps and
adenoid rests, working length 11 cm

أنواع پانچ بینی

Scharfe Nasenzangen

Nasal Cutting Forceps

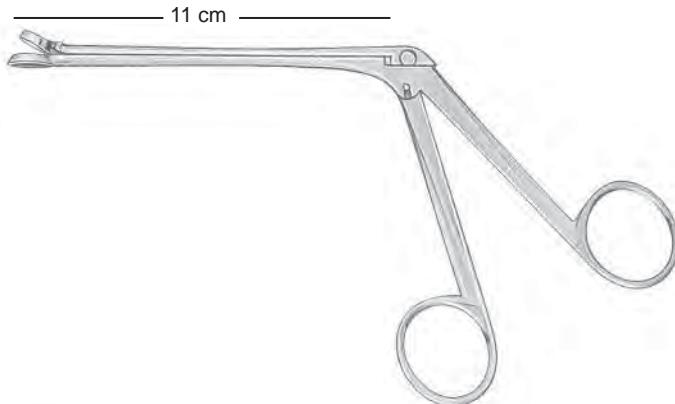
Pinzas cortantes para la nariz

Pince coupantes pour le nez



Univer®

65



5 mm

7 mm

9 mm

11 mm

HARTMANN Nasal Cutting Forceps,
round, size 1, working length 11 cm

Same, size 2

Same, size 3

Same, size 4



65-1051-01

GRÜNWALD-HENKE Nasal Cutting Forceps,
size 1, working length 11 cm



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



نوع پانچ بینی

Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes para la nariz
Pince coupante 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

Pince 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



نوع پانچ بینی
Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes para la nariz
Pince coupante 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



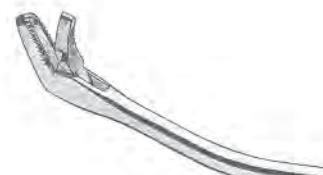
65-1078-13 **BLAKESLEY-CASTELNUOVO RHINOFORCE Nasal Forceps**, through-cutting, end of sheath
 45° upturned, with straight jaws, width 3 mm,
 working length 13 cm



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

Pince coupantes pour le nez, coupantes des deux côtés



Univer®

65

12,5 cm



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

GRÜNWALD-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

GRÜNWALD-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

Pince coupantes pour le nez, coupantes des deux côtés

11 cm



65-1421-00

GRÜNWALD-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

GRÜNWALD-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

GRÜNWALD-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

GRÜNWALD-HENKE Nasal Forceps, 90° upturned, through-cutting, tissue-sparing, BLAKESLEY shape, width 3,5 mm, working length 11 cm

أنواع پانچ بینی

Scharfe Nasenzangen, durchschneidend

Nasal Cutting, Forceps, through-cutting

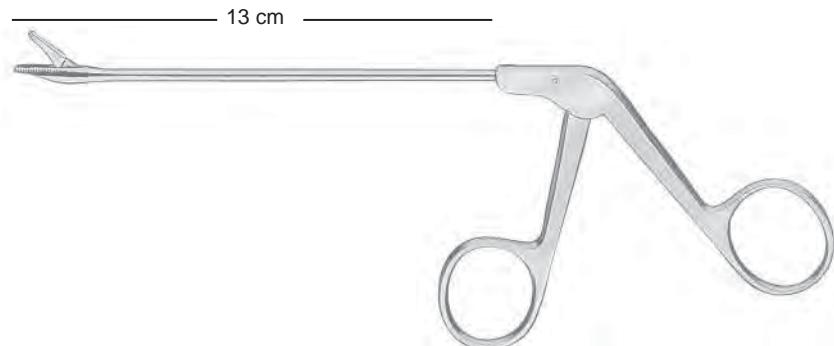
Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pince 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



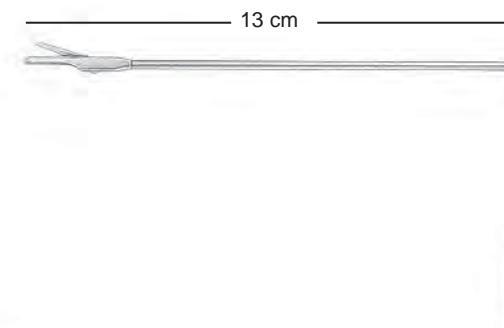
65-1580-13

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

نوع پانچ بینی

Scharfe Nasenzangen, durchschneidend

Nasal Cutting Forceps, through-cutting

Pinzas cortantes para la nariz, bocas cortantes la una en la otra

Pince coupantes pour le nez, coupantes des deux côtés

12,5 cm



65-1750-12

GRÜNWALD-HENKE 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



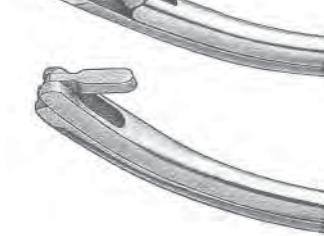
65-1760-12

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



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



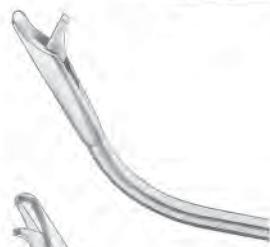
65-1766-30

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
pince coupante 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



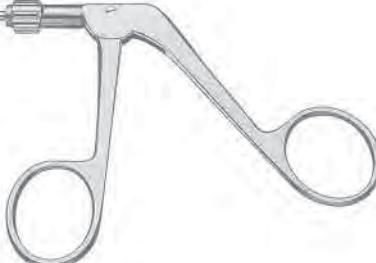
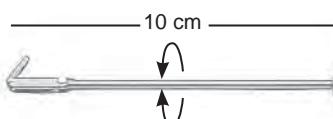
65-1801-64

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



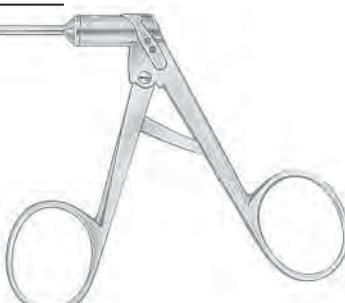
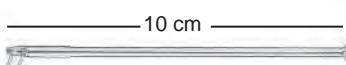
65-1813-10

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 سیپتوم (والشام - آش)

Septumrichtzangen

Septum Straightening Forceps

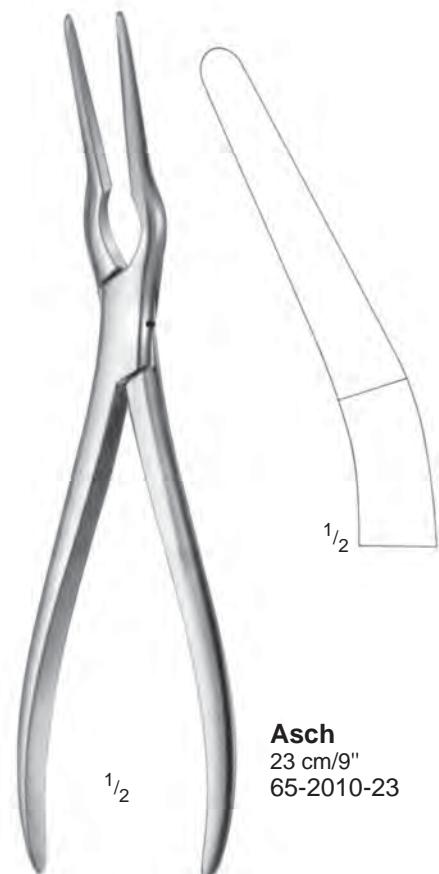
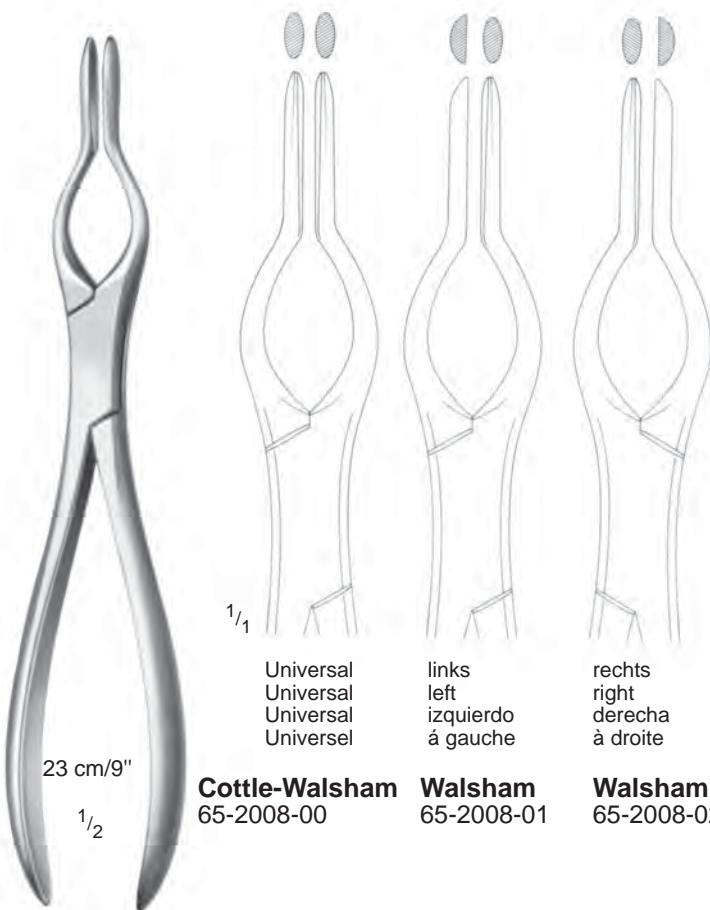
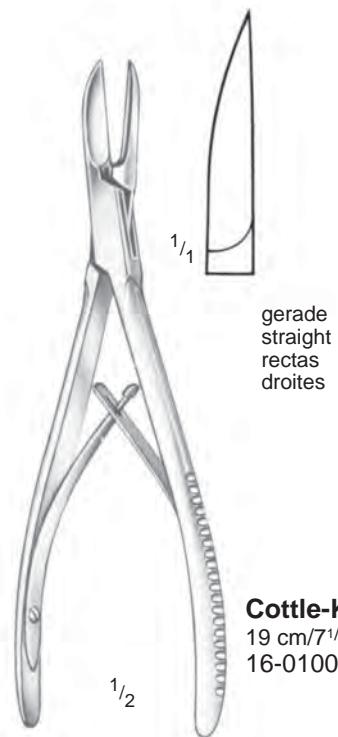
Pinzas para hueso nasal

Pinces pour redresser la cloison nasale



Univer®

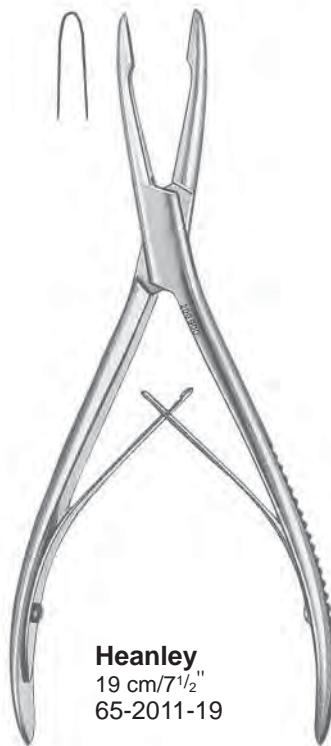
65



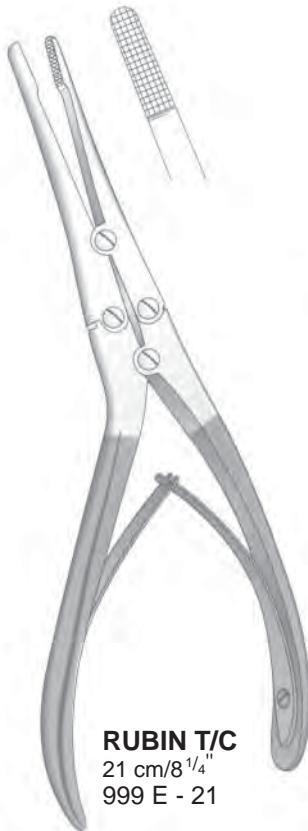


پنس سپتوم

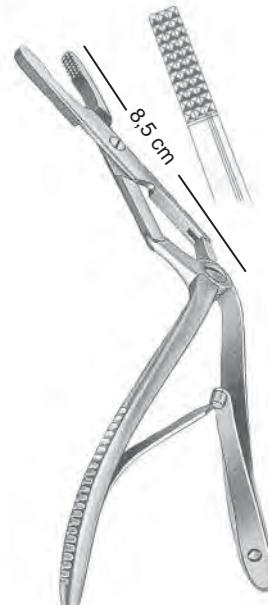
Septumrichtzangen
Septum Straightening Forceps
Pinzas para hueso nasal
Pince pour redresser la cloison nasale



Hearley
19 cm/7½"
65-2011-19



RUBIN T/C
21 cm/8¼"
999 E - 21



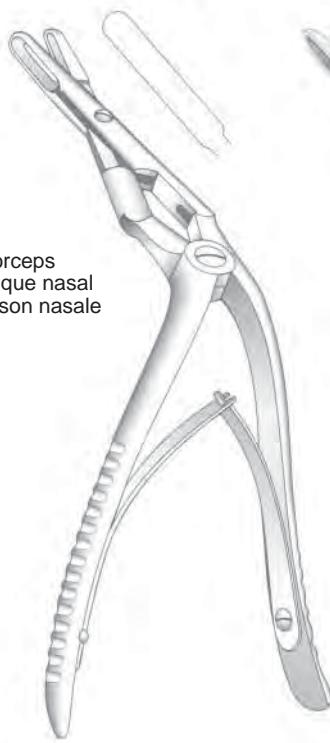
RUBIN Septum Morcelizer
21 cm/8¼"
65-2012-21



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
Pinces pour la cloison nasale



Jansen-Middleton
19 cm/7½"
65-2015-19

durchschneidend
through-cutting
bocas cortantes la una en la otra
coupantes des deux côtés



Jansen-Middleton
19 cm/7½"
65-2017-19



Jansen-Middleton
19 cm/7½"
65-2019-19

اره جوزف - کورت آدنوئید

Ringmesser, Nasensägen

Adenoid Curettes, Nasal Saws

Cuchillos para vegetaciones adenoides, sierras nasales

Couteaux à végétations adénoïdes, scies nasales



Univer®

65



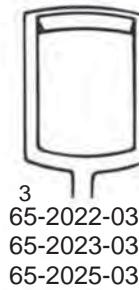
Beckmann-Barnhill
22 cm/8 3/4 "



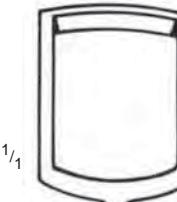
65-2023-#



1
65-2022-01
65-2023-01
65-2025-01



3
65-2022-03
65-2023-03
65-2025-03



5
65-2022-05
65-2023-05
65-2025-05



Joseph
19 cm/7 1/2"
65-2200-19



Joseph
19 cm/7 1/2"
65-2219-01



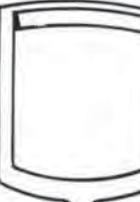
Joseph
19 cm/7 1/2"
65-2219-02



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

65-2031-04

Nasensägen
Nasal Saws
Sierras nasales
Scies nasales



Joseph
17 cm/6 3/4"
65-2227-01

Joseph
17 cm/6 3/4"
65-2227-02



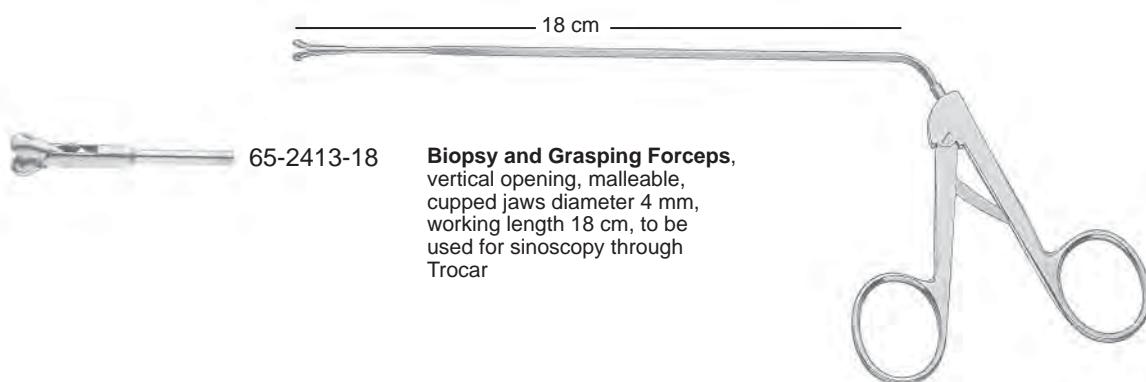
پنس گراسپینگ

Faßpinzetten

Grasping Forceps

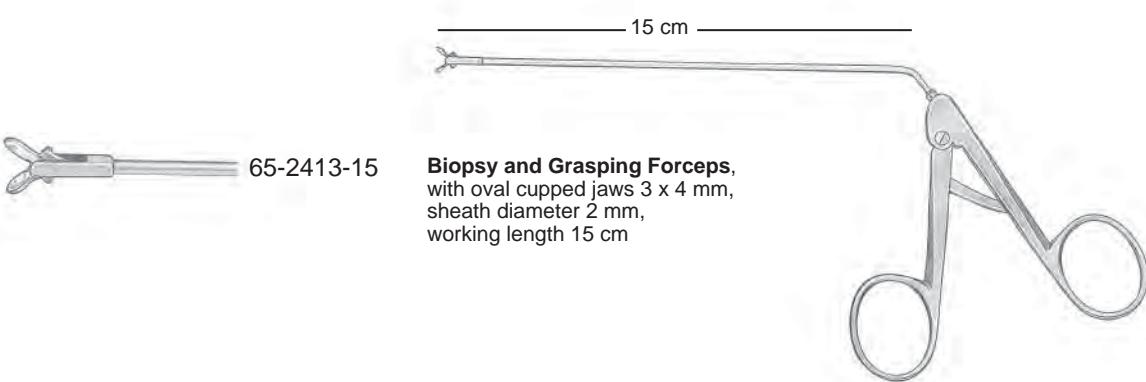
Pinzas para coger

Pince pour préhension



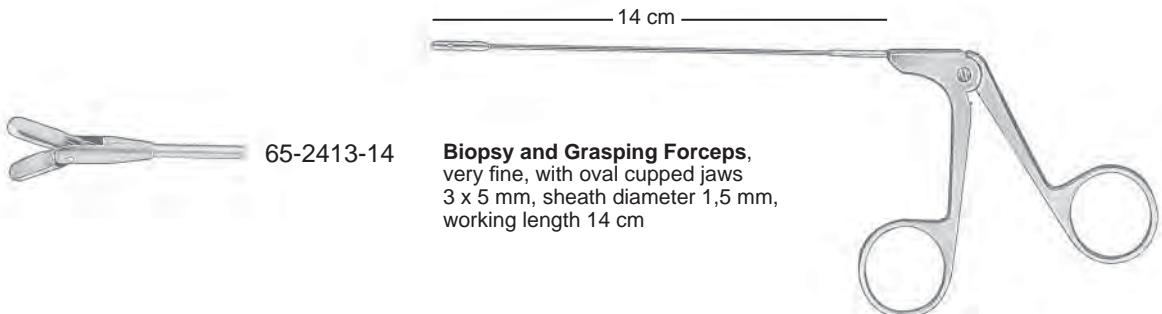
65-2413-18

Biopsy and Grasping Forceps,
vertical opening, malleable,
cupped jaws diameter 4 mm,
working length 18 cm, to be
used for sinuscopy through
Trocar



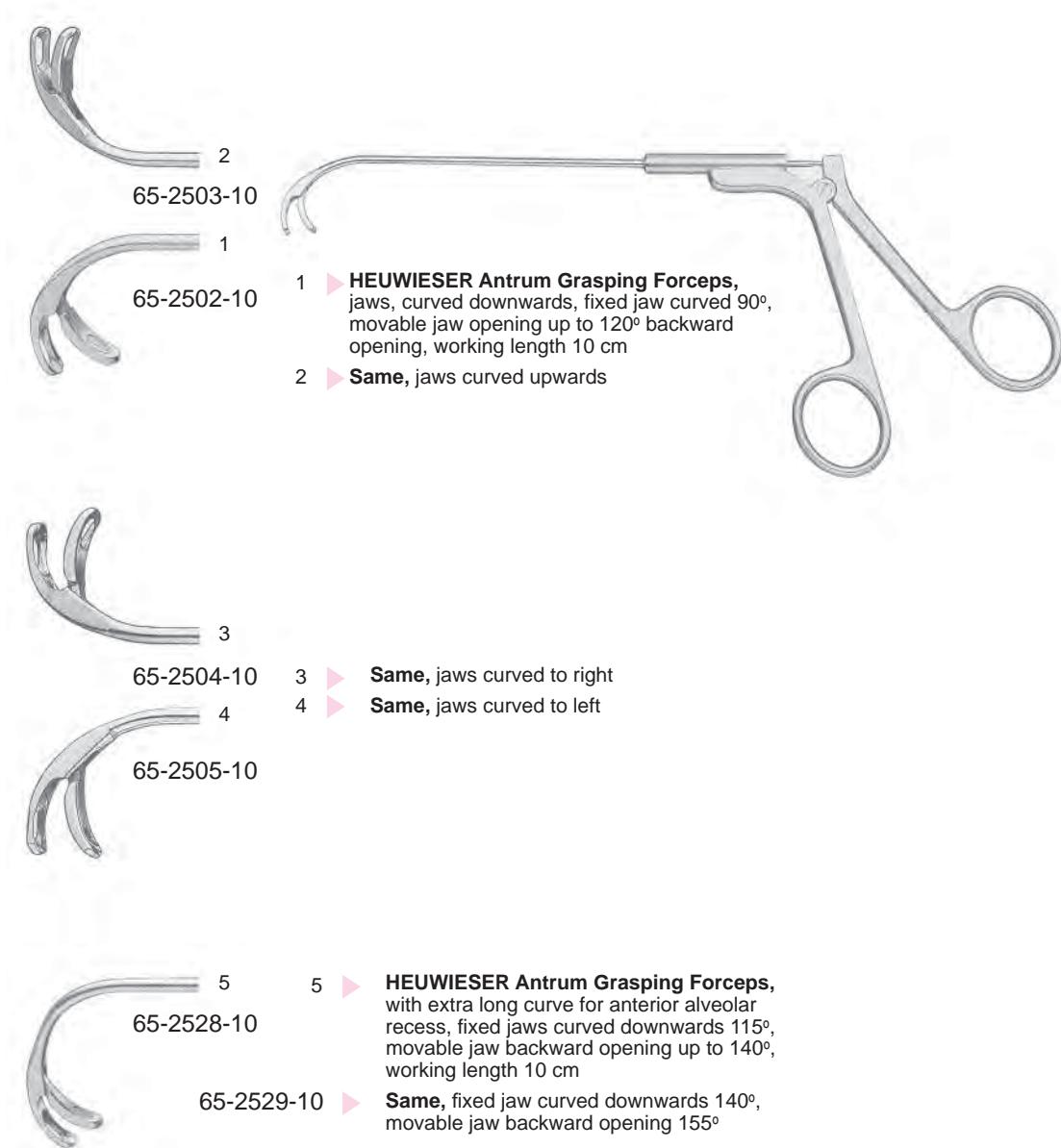
65-2413-15

Biopsy and Grasping Forceps,
with oval cupped jaws 3 x 4 mm,
sheath diameter 2 mm,
working length 15 cm



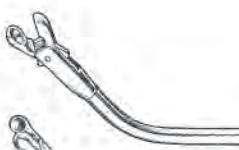
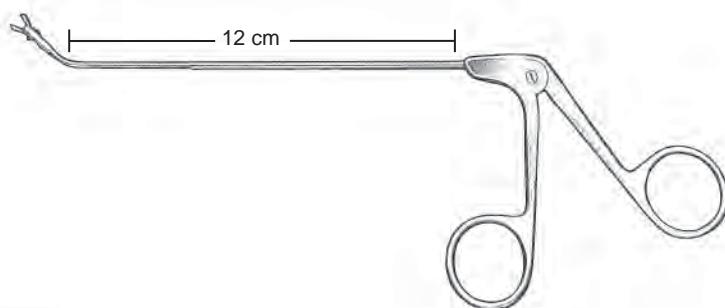
65-2413-14

Biopsy and Grasping Forceps,
very fine, with oval cupped jaws
3 x 5 mm, sheath diameter 1,5 mm,
working length 14 cm

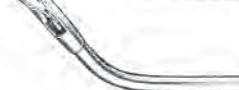




پنس سینوس (جیرافت)
Nasenzangen Stirnhöhle
Nasal Sinus forceps
Pinzas seno para la nariz
Pince sinus pour le nez



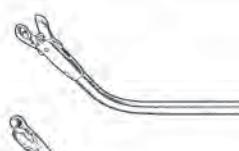
65-2630-12



65-2630-22

KUHN-BOLGER Giraffe Forceps, cupped jaws,
 55° upturned, vertical opening, working
 length 12 cm, cupped jaws diameter 3 mm

Same, horizontal opening



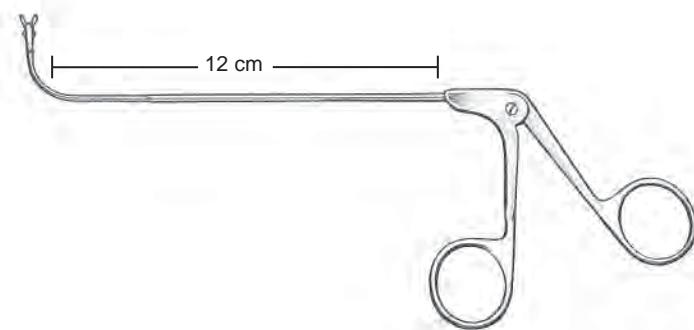
65-2632-12



65-2632-22

KUHN-BOLGER Giraffe Forceps, cupped jaws,
 55° upturned, vertical opening, working
 length 12 cm, cupped jaws diameter 2 mm

Same, horizontal opening



65-2636-90



65-2636-91

KUHN-BOLGER Giraffe Forceps, cupped jaws,
 90° upturned, horizontal opening, working
 length 12 cm, cupped jaws diameter 2 mm

Same, vertical opening

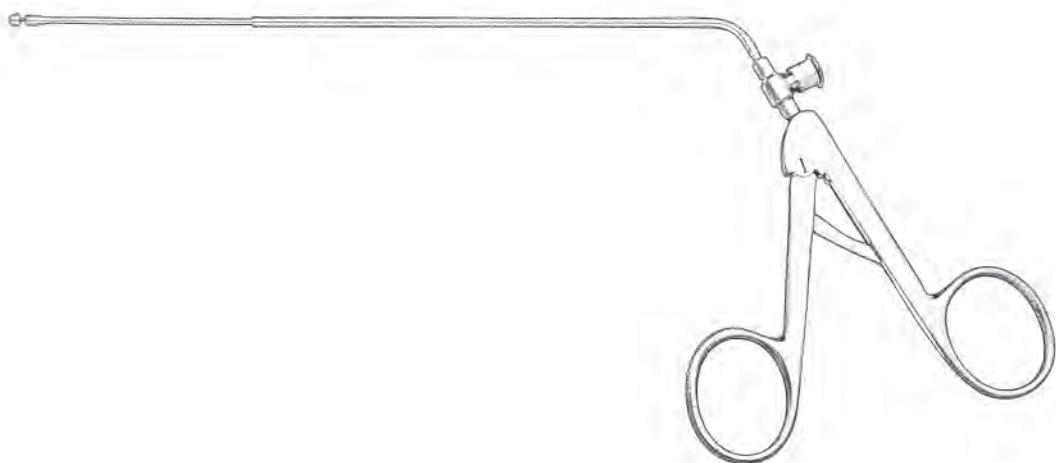
پنس سینوس (سیرکولار پانچ)
Nasenzangen Stirnhöhle
Nasal Sinus forceps
Pinzas seno para la nariz
Pinces sinus pour le nez



Univer®

65

STAMMBERGER Punch, circular cutting



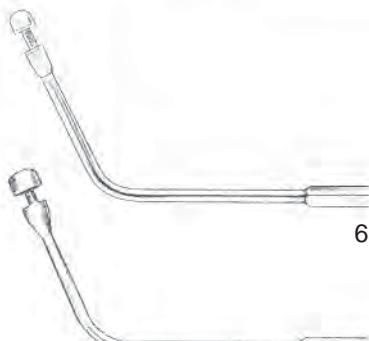
65-2718-35

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

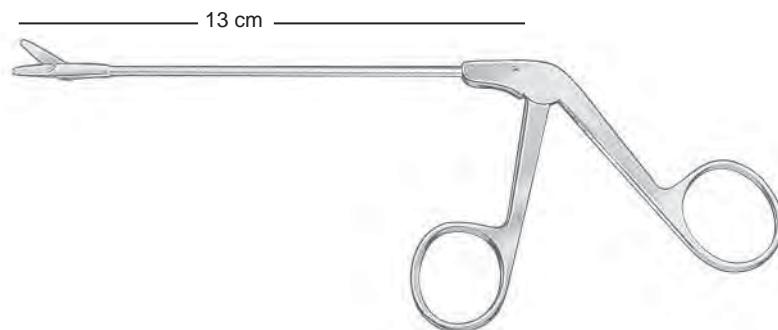
STAMMBERGER **Punch**, circular cutting,
65° upturned, for frontal sinus recess,
diameter 3,5 mm, working length 17 cm

65-2765-45

Same, diameter 4,5 mm



أنواع قيچى بىنى
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



14 cm



65-2880-18

ZÜRICH Nasal Scissors, straight,
large model, cutting length 18 mm,
working length 14 cm



65-2880-12

Same, small model, cutting
length 12 mm, working length 12 cm



65-2882-14

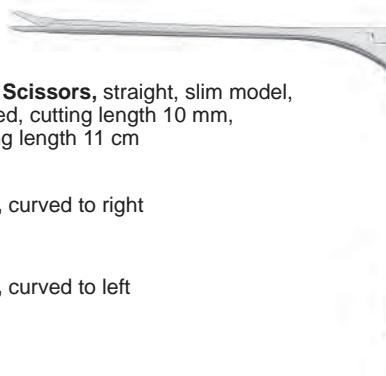
Same, curved to right



65-2884-14

Same, curved to left

11 cm



65-2982-11

Nasal Scissors, straight, slim model,
serrated, cutting length 10 mm,
working length 11 cm



65-2982-22

Same, curved to right



65-2982-32

Same, curved to left

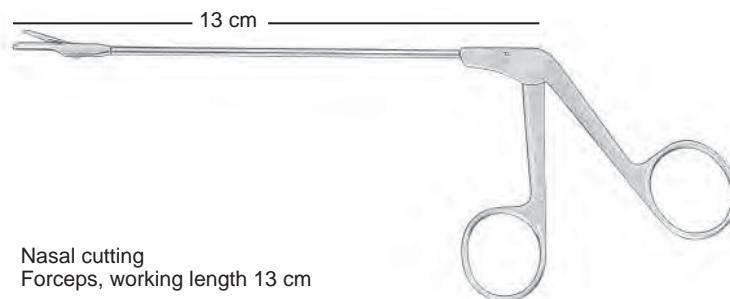


پانچ بینی

Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes para la nariz
pince coupante pour le nez



65-3016-13

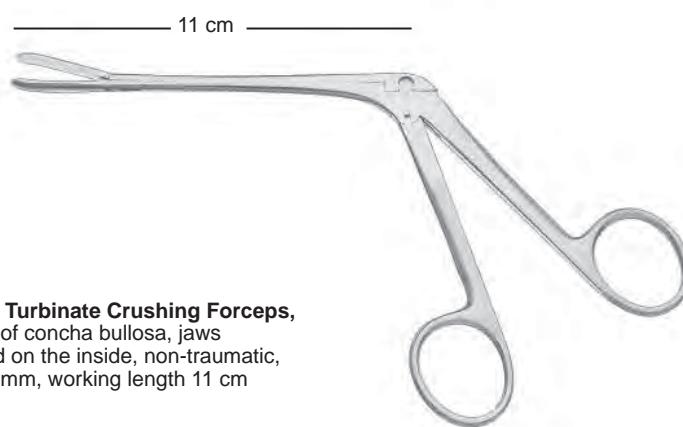


Nasal cutting
Forceps, working length 13 cm



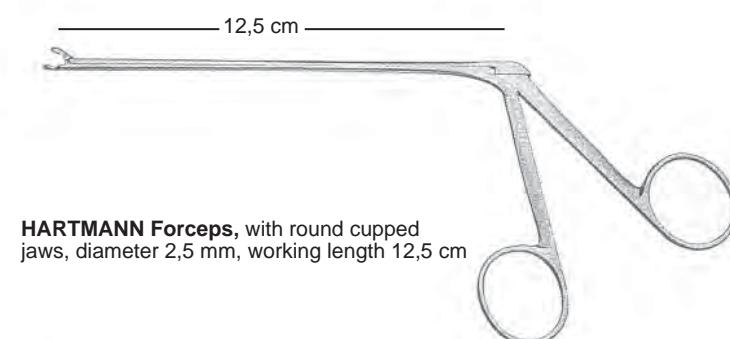
65-3220-11

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



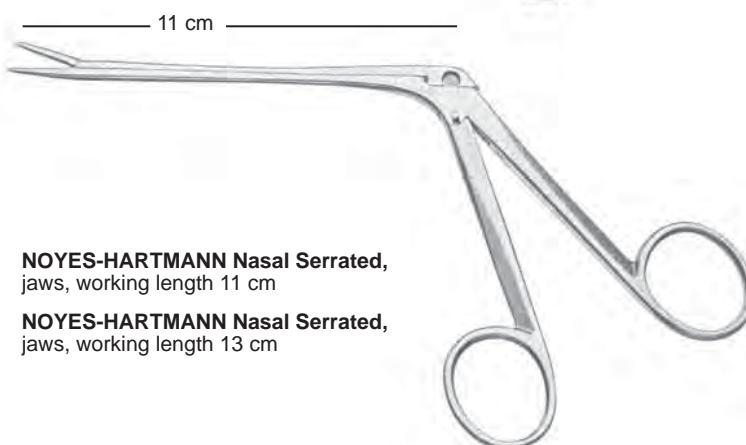
65-5210-11

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

Pince coupante pour le nez



Univer®

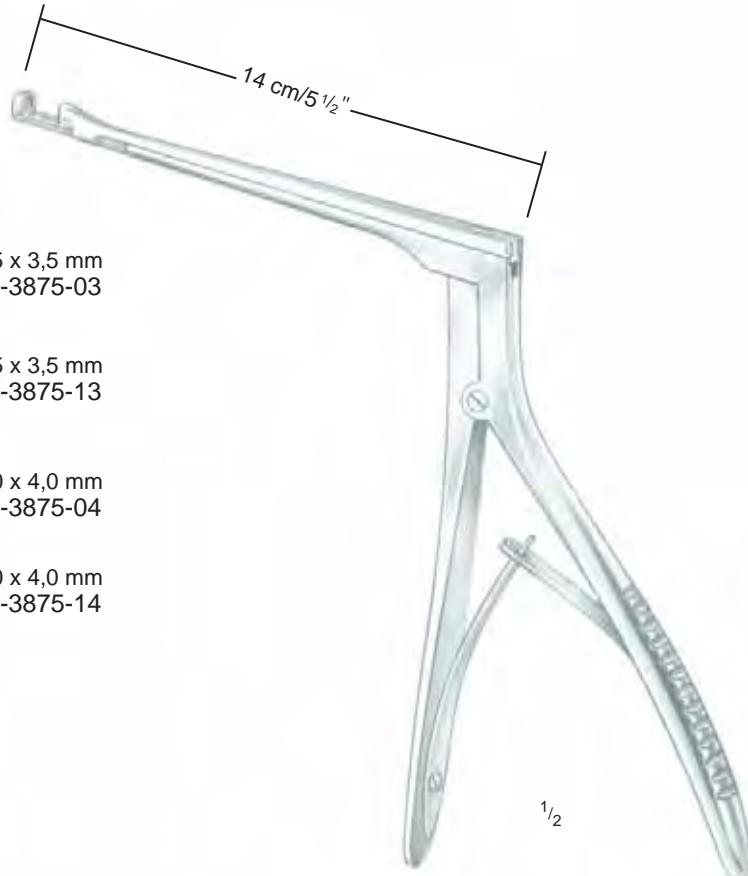
65

Keilbeilstanzen

Sphenoid Punches

Pinzas cortantes para seno esfenoidal

Pince emporte-pièces pour sinus sphénoïdal



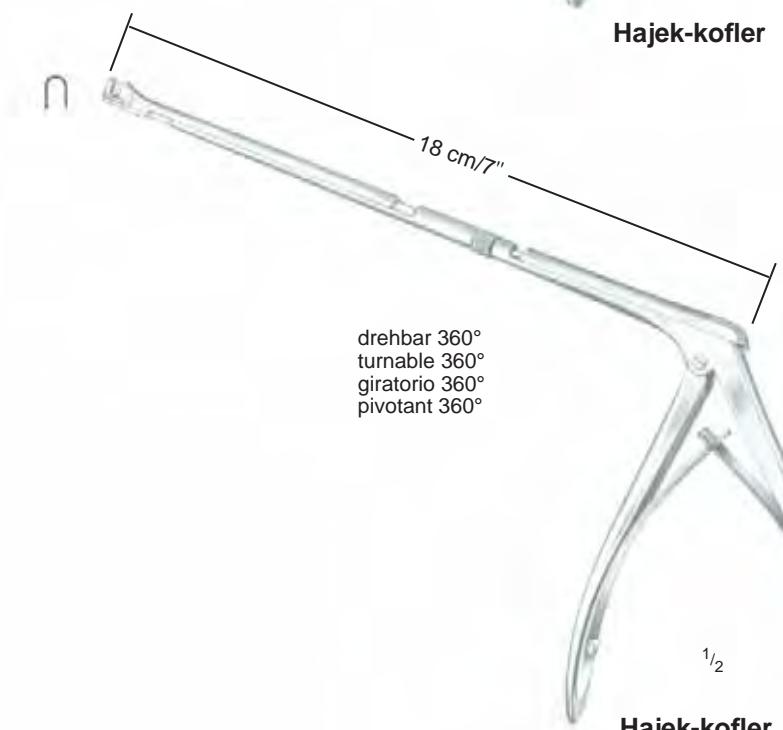
□ 3,5 x 3,5 mm
65-3875-03

□ 3,5 x 3,5 mm
65-3875-13

□ 4,0 x 4,0 mm
65-3875-04

1/1 □ 4,0 x 4,0 mm
65-3875-14

Hajek-kofler



Hajek-kofler
65-3888-03



پانچ اسفنؤید

Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes para la nariz
Pinzes coupantes pour le nez

Keilbeinstanzen
 Sphenoid Punches
 Pinzas cortantes para seno esfenoidal
 Pinces emporte-pièces pour sinus sphénoïdal

Fig. 00 C 2 x 2 mm 65-3977-02

Fig. 0 C 3 x 3 mm 65-3977-03

Fig. 1 C 4 x 4 mm 65-3977-04

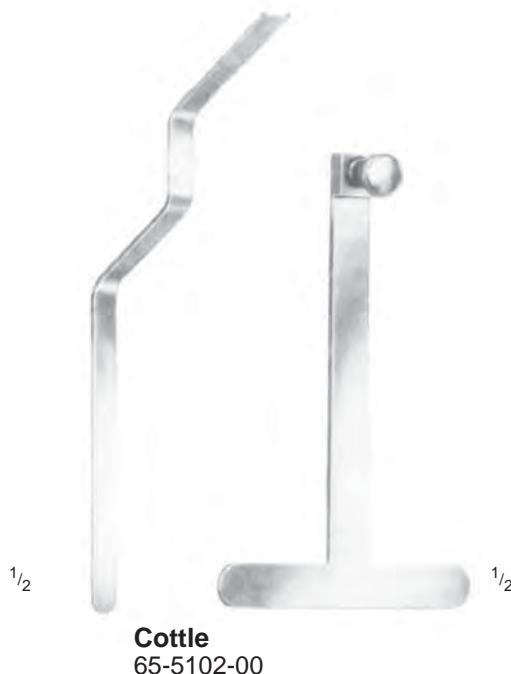
Fig. 2 C 5 x 5 mm 65-3977-05

Fig. 3 C 6 x 6 mm 65-3977-06





Applikator mit Bruststütze
Applicator with Chest Support
Aplicador con soporte peectoral
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



Measuring Plate
65-5200-89

65



69



Univer®

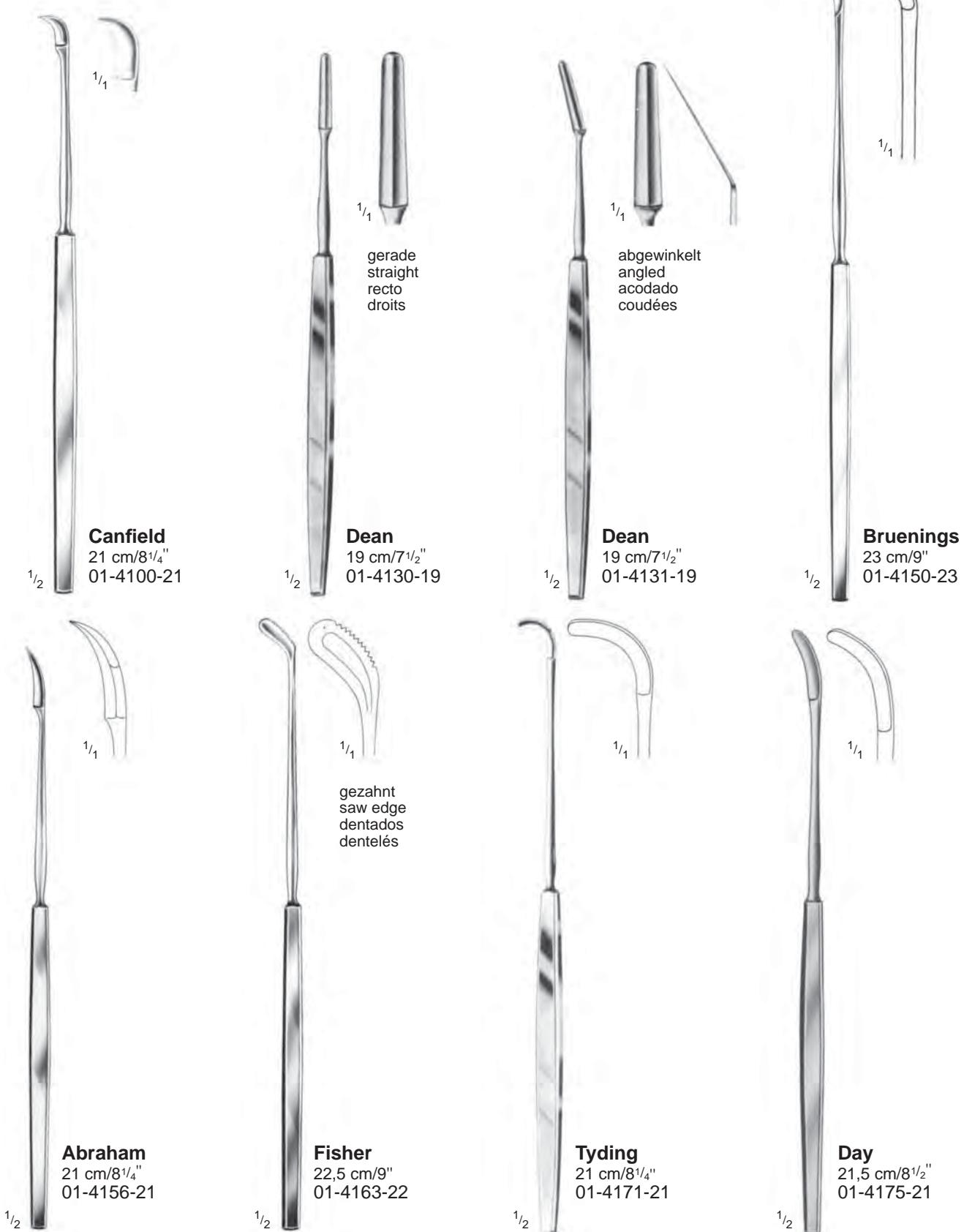
جراحی لوزه

Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomy

Tonsillenmesser • Tonsil Knives • Bisturés para amígdalas • Bistouris pour amygdales چاقوی لوزه





Tonsillenscheren Tonsil Scissors Tijeras para amígdalas Ciseaux pour les amygdales قیچی لوزه



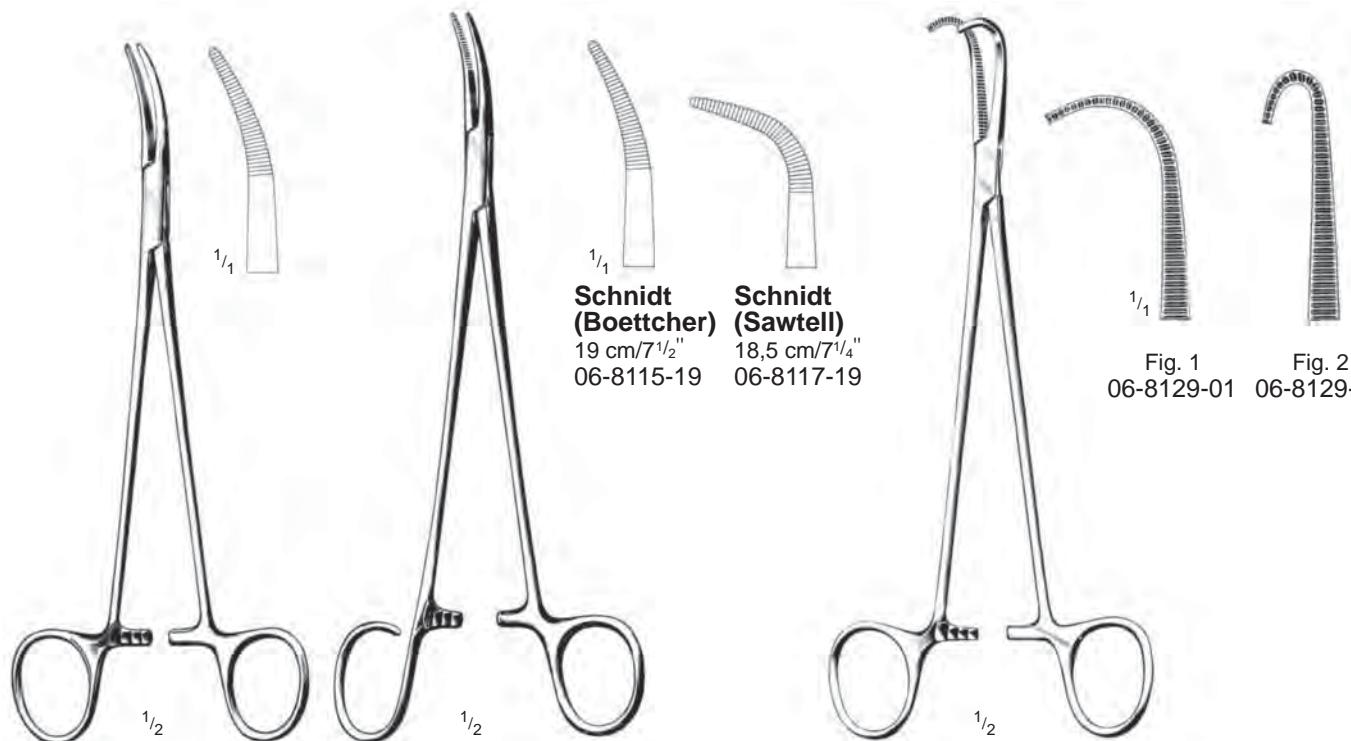
Metzenbaum
18 cm/7"
02-1251-18

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 Pinces amygdaliennes



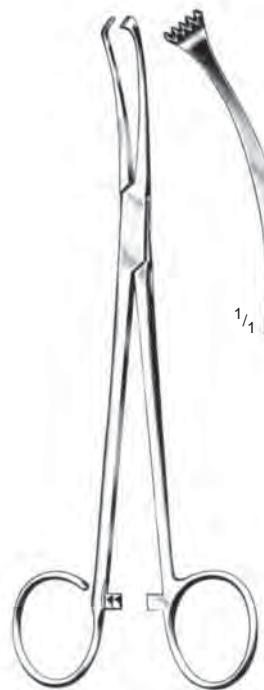
Schnidt
19 cm/7 1/2"
06-0651-19

Negus
19 cm/7 1/2"



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

تونس لوزه • Tonsil Seizing Forceps • Pinzas para coger las amígdalas • Pinces pour saisir les amygdales



White
18 cm/7" 06-8225-18
23 cm/9" 06-8225-23



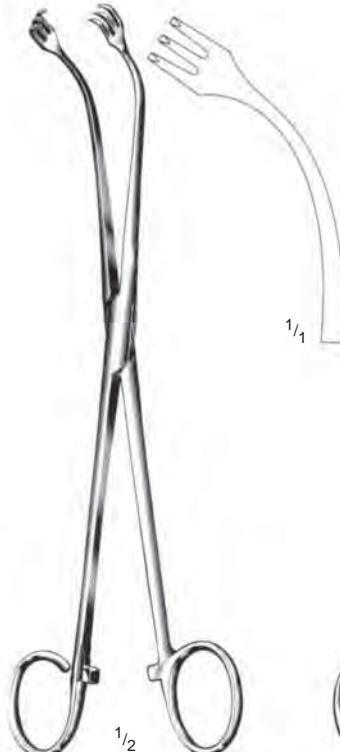
Allis-Coakley
(Colver)
19 cm/7½"
06-8228-19



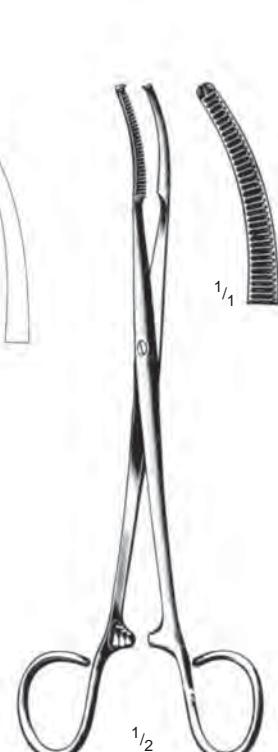
Allis-Coakley
18,5 cm/7¼"
06-8229-18



Allis
20 cm/8"
06-8231-20



Ballenger
21,5 cm/8½"
06-8241-21

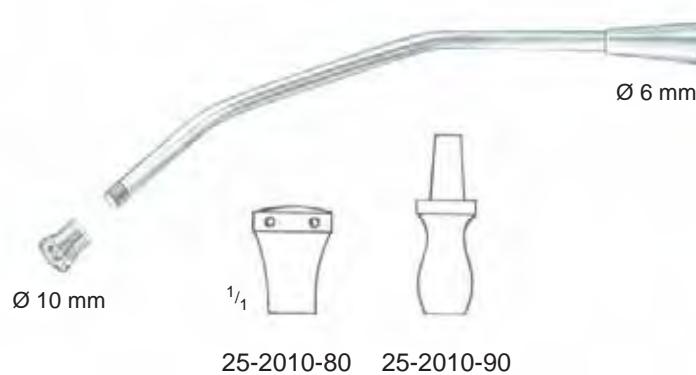


Mikulicz
18 cm/7"
06-8245-18

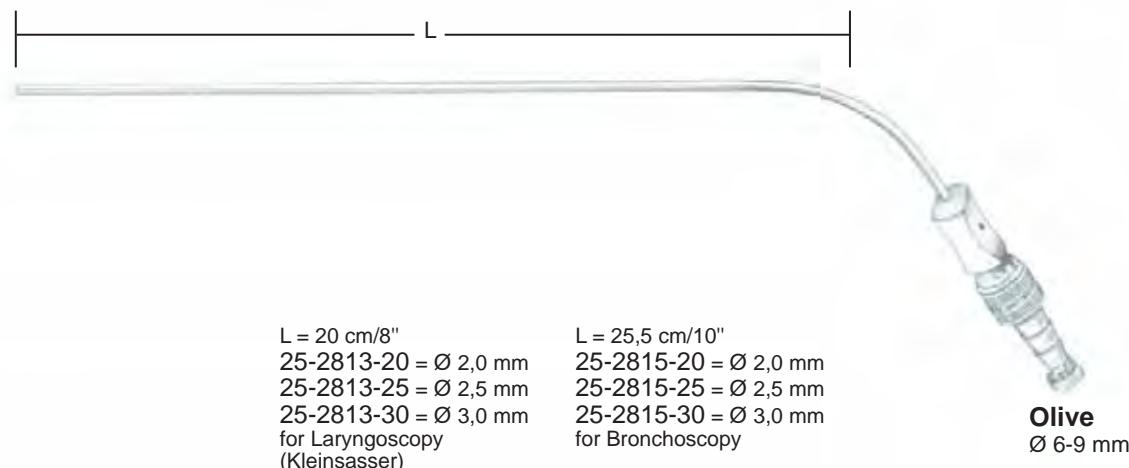


Blohmke
20 cm/8"
06-8257-20

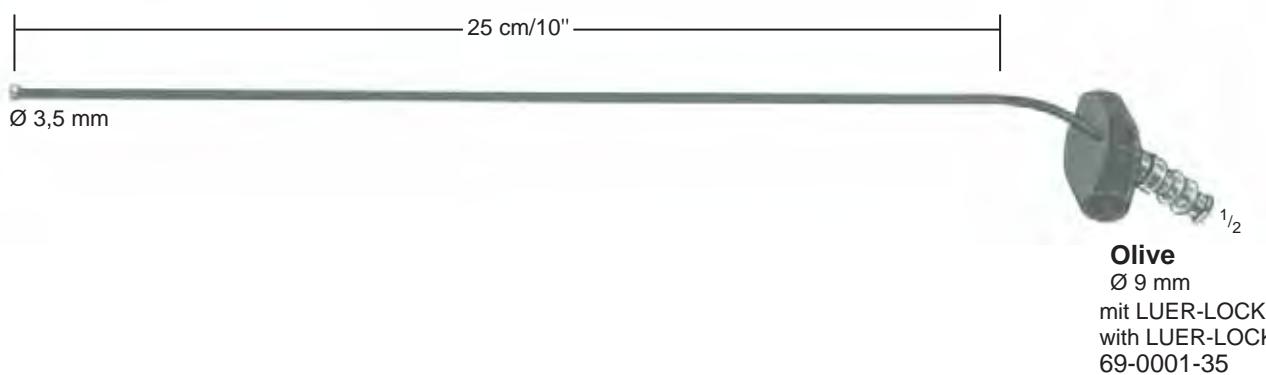
Saugrohre
Suction Tubes
Tubos aspiradores
Tubes d'aspiration



Yankauer
29 cm/11½"
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





سرنو لوزه

Tonsillenschnüre

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

^{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



Stahldraht für Tonsillenschnüre

Steel Wire for Tonsil Snares

Alambre de acero para cierra-nudos para amígdalas
Fil d'acier pour serre-noeuds amygdales

Schnürerdrähte, geformt

Snare Wires, shaped

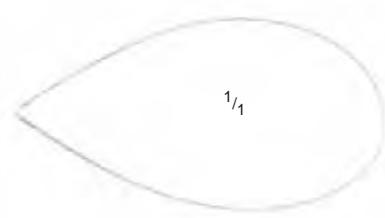
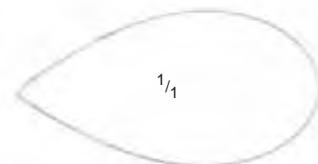
Asas de alambre, preparadas
Ansas en fil d'acier, préparées

Drahtschlingen, gelötet

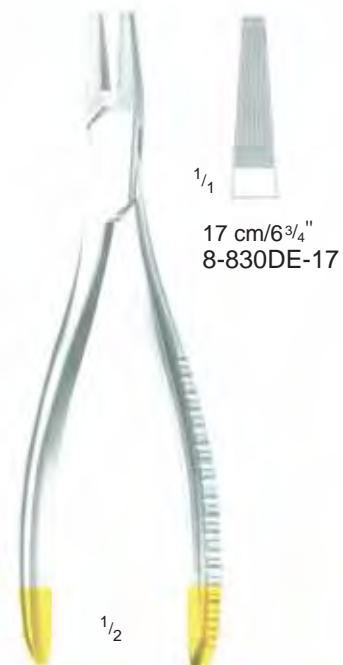
Wire Loops, soldered

Asas de alambre, soldadas
Ansas en fil d'acier, soudées0,3 mm Ø 40-1550-30
0,4 mm Ø 40-1550-40
0,5 mm Ø 40-1550-50

\varnothing mm	12		100	
	10 cm/4"	40-1552-30	40-1554-30	12 cm/4"
0,3	40-1552-40	40-1554-40		
0,4	40-1552-50	40-1554-50		
0,5				

0,4 x 40 mm
40-1564-400,4 x 50 mm
40-1565-40Röderbinder
Ligature Carrier
Porta-ligaduras
Porte-ligaturesDrahtinstrumente
Wire Instruments
Instrumentos para alambre
Instruments four fils métalliquesUniversal
Granit Edge®

0,8/1,2 mm

13 cm/5"
9-105-13Drahtschere
Wire Cutting Scissors
Tijera para cortar hilo de acero
Ciseaux coupe-fil17 cm/6 3/4"
8-830DE-17Röder
Form E
26,5 cm/10 1/2"
69-0490-26Drahtbiegezange
Wire Bending Pliers
Alicate para doblar alambre
Pince pour plier le fil d'acier

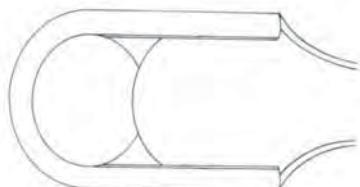


Fig. 1

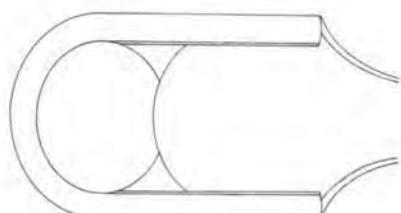


Fig. 2

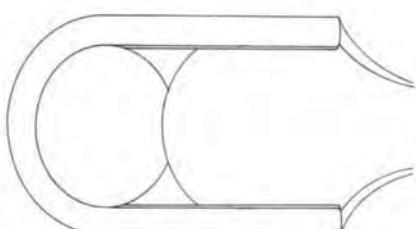


Fig. 3

Sluder-Ballenger

Crucifer Bancher
69-0516-30 kpl. mit Aufsätzen,
cpl. with 3 blades,
cpl. con 3 hojas,
cpl. avec 3 lames, Fig.1-3
Fig.1-3
Fig.1-3
Fig.1-3

69-0516-01 Aufsatz-blade-hoja-lame Fig.1
69-0516-02 ditto Fig.2
69-0516-03 ditto Fig.3

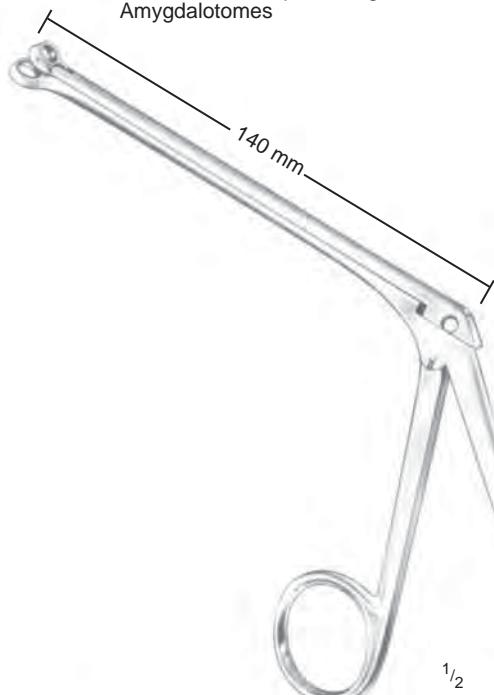
69-0516-50 Griff allein-handle only
mango suelto-manche seul



Sluder-Ballenger



Tonsillenzangen
Tonsil Punch Forceps
Pinzas cortantes para amígdalas
Amygdalotomes



Ø 5 mm
69-5504-05

Ø 5 mm
69-5508-05

Ø 7 mm
69-5504-07

Ø 7 mm
69-5508-07

Ø 9 mm
69-5504-09

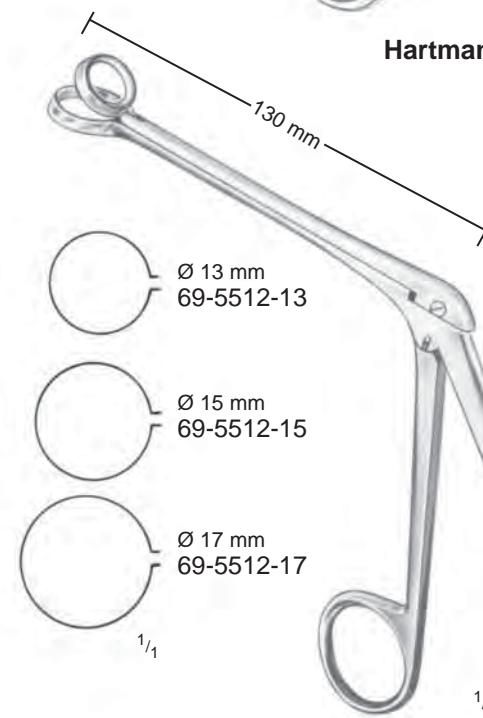
Ø 9 mm
69-5508-09

Ø 11 mm
69-5504-11



Schmeden

Hartmann



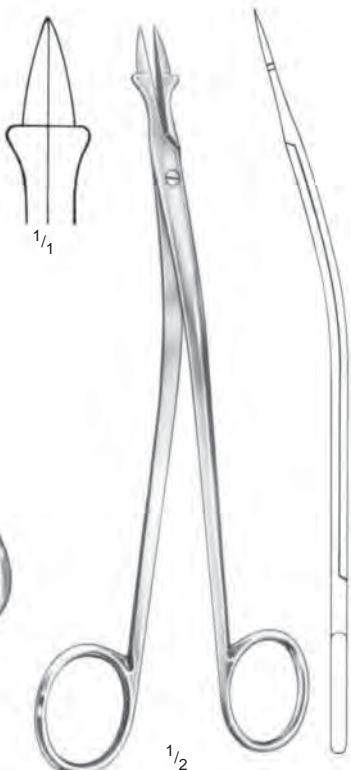
Ø 13 mm
69-5512-13

Ø 15 mm
69-5512-15

Ø 17 mm
69-5512-17

Hartmann

Tonsillenabszess-Zange
Peritonsillar Abscess Forceps
Pinza para abscesos de las amígdalas
Pince pour abcès amygdaliens



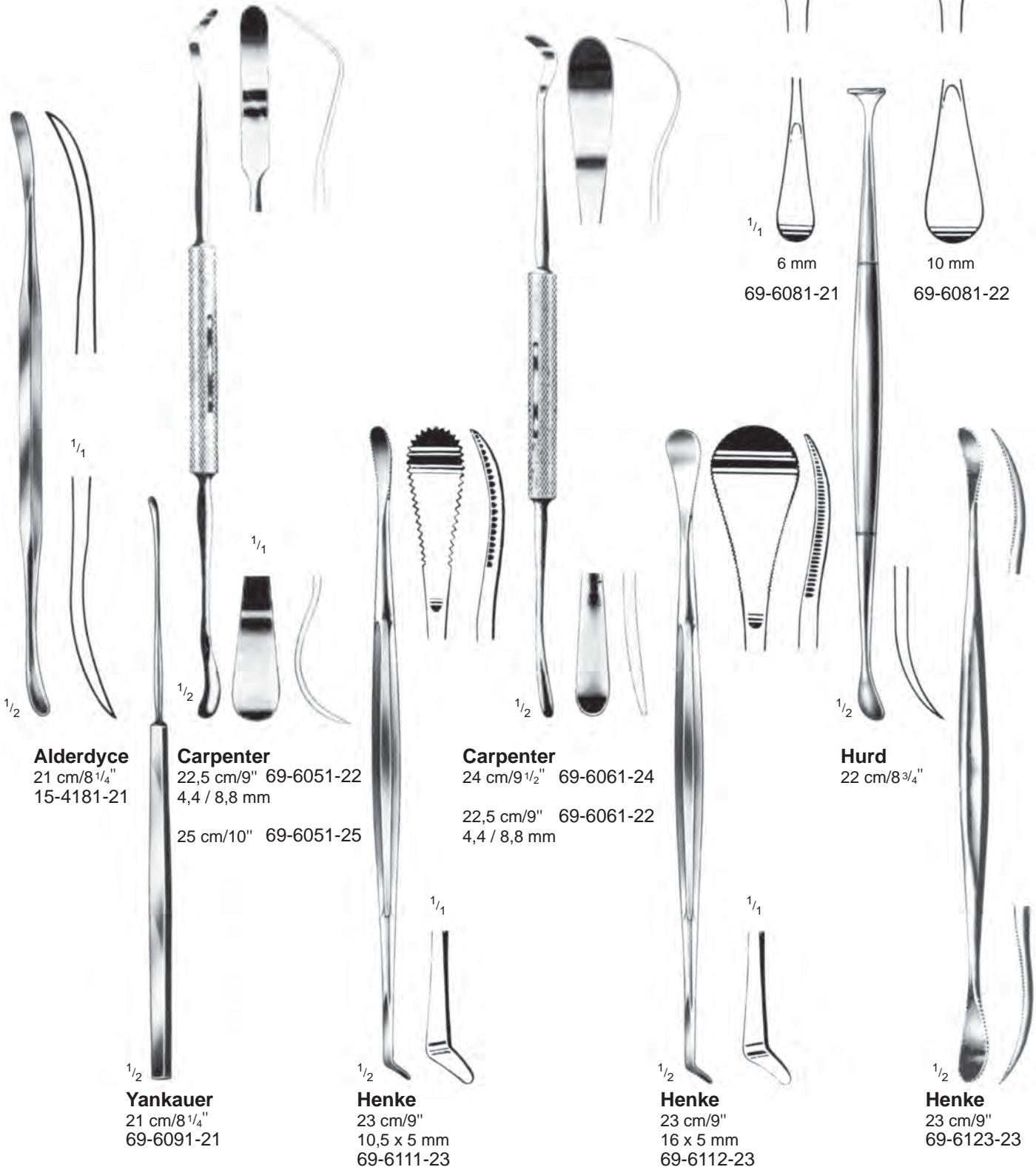
Thilenius
20 cm/8"
69-5525-20



جراحی لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalectomie

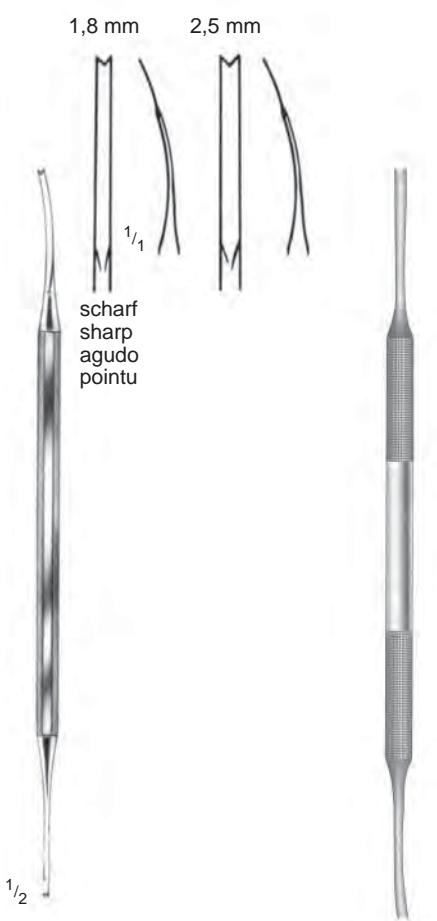
دایسکتور لوزه

Dissektoren, Retraktoren und Elevatoren für Tonsillen
Tonsil Dissectors, Retractors and Elevators
Disectores, separadores y elevadores para amígdalas
Décolleurs, écarteurs des piliers et elevateurs pour amygdales

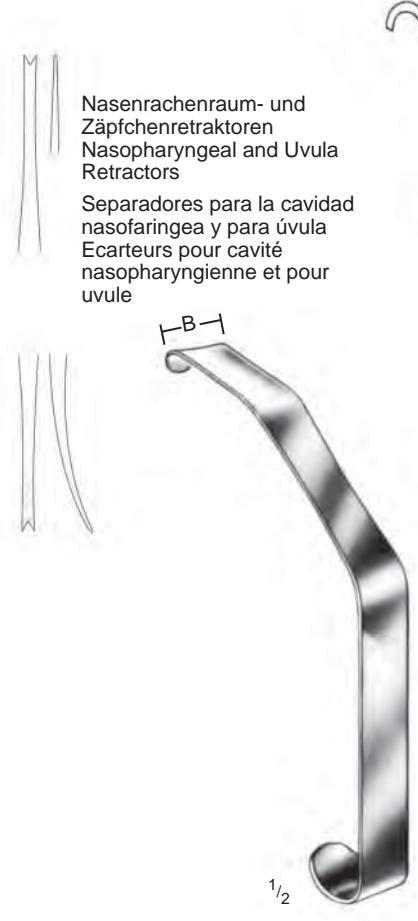


Tonsillentamponstopfer
Tonsil Gauze Packer
Taponeador para amígdalas
Porte-tampon pour amygdales

Gaumensegelhähkchen
Soft Palate Retractor
Elevador para velo palatino
Releveur du voile du palais



Luniatschek
19 cm/7½"
69-6149-18 = 1,8 mm
69-6149-25 = 2,5 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/6¾"
69-6253-17



جراحى لوزه
Tonsillektomie
Tonsillectomy
Amigdalotomía
Amygdalotomie



\varnothing 11 mm

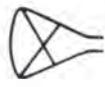
165 mm

Tonsillenzangen
Tonsil Punches
pinzas para amigdalas
pinces pour amygdales

Adenoidstanzen
Adenoid Punches
Pinzas sacabocados adenoideas
Pince coupantes pour adénotomie



Hartmann
69-6536-11

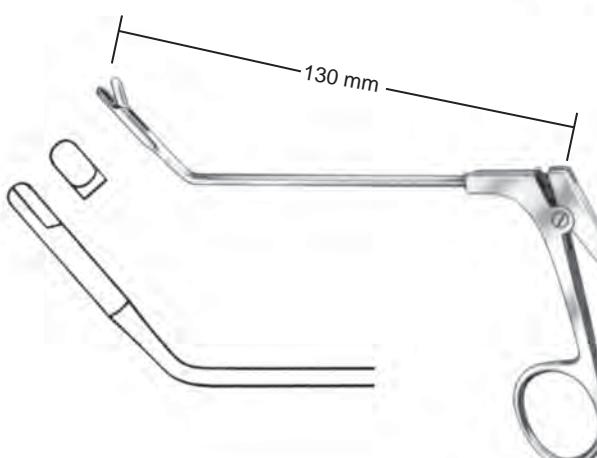


11 mm

165 mm



Meltzer
69-6546-11



Nasenrachenzange
Naso-Pharyngeal Forceps
Pinza naso-faringea
Pince rhino-pharyngienne

Jatho
69-6551-13

70



حنجره - ریه - لاریتزوسکوپی و برونشیوسکوپی

Laryngo-Broncho-
Oesophagoskopie

Laryngo-Broncho-
Esophagoscopy

Laringo-Bronco-
Esofagoscopía

Laryngo-Broncho-
Œsophagoscopie



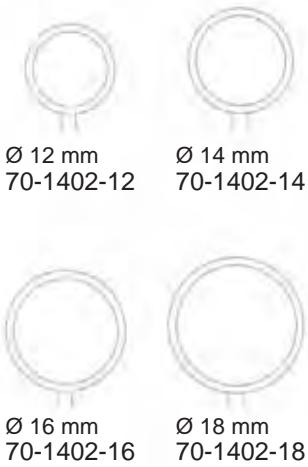
حنجره - ریه - لارینژیوسکوپی و برونشیوسکوپی
Laryngo-Broncho-Oesophagoscopie
Laryngo-Broncho-Esophagoscopy
Laringo-Bronco-Esofagoscopía
Laryngo-Broncho-Œsophagoscopie

Laryngofissurschere
Laryngectomy Scissors
Tijera laríngea
Ciseaux laryngiens



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

Kehldeckelhalter
Epiglottis Retractor
Depresor para epiglote
Dépresseur de l'épiglotte



Ø 12 mm
70-1402-12 Ø 14 mm
70-1402-14

Ø 16 mm
70-1402-16 Ø 18 mm
70-1402-18

Rhinoskopiespiegel
Rhinoscopic Mirrors
Espejos rinoscópicos
Miroirs rhinoscopiques



Killian
21 cm/8½"
02-2067-21



Reichert
24 cm/9½"
70-1351-24



Michel
25 cm/10"
70-1402-##

Kehlkopfspiegel und -griffe
Laryngeal Mirrors and Handles
Espejos y mangos laringeos
Miroirs et manches laryngiens

Griffe für Kehlkopfspiegel
Handles for Laryngeal Mirrors
Mangos para espejos laringeos
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



mit massivem Rundgriff
with solid round handle
con mango macizo rondondo
à manche solid rond



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

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



لاریتزوسکوپی و برونشیوسکوپی
Laryngo-Broncho-Oesophagoskopie
Laryngo-Broncho-Esophagoscopy
Laringo-Bronco-Esofagoscopia
Laryngo-Broncho-Œsophagoscopie

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

70-1631-20 120 mm 70-1632-20
 70-1631-70 170 mm 70-1632-70
 70-1631-80 180 mm 70-1632-80

Kaltlicht-Träger allein
 F.O. Light Carrier only
 Soporte de luz fría suelto
 Porte-lumière froide seul



170 mm
 180 mm

**Holinger
KL**

komplett
 complete
 completo
 complet

70-1651-70 170 mm 70-1652-70
 70-1651-80 180 mm 70-1652-80

Kaltlicht-Träger allein
 F.O. Light Carrier only
 Soporte-luz fría suelto
 Porte-lumière froide seul

حنجره - ریه - لارینژیوسکوپی و برونژیوسکوپی

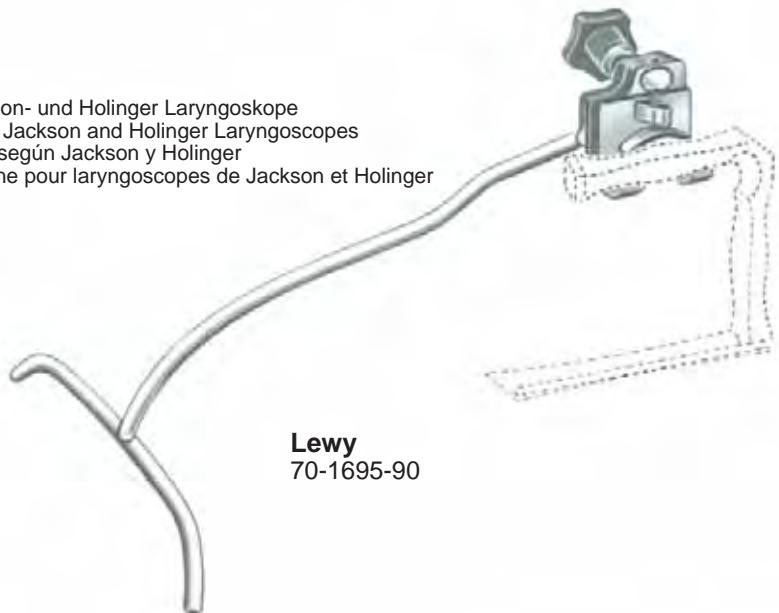
Laryngo-Broncho-Oesophagoskopie
Laryngo-Broncho-Esophagoscopy
Laryngo-Broncho-Esofagoscopia
Laryngo-Broncho-Œsophagoscopie



70

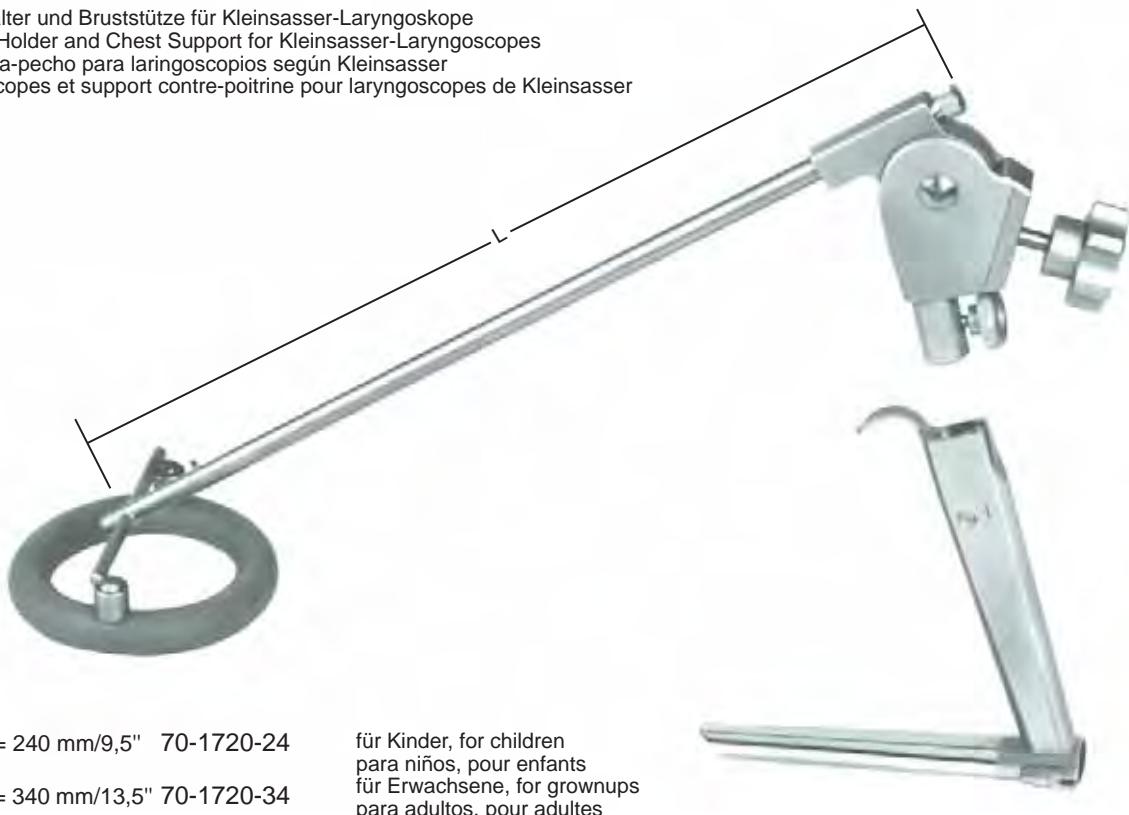
Laryngoskope und Zubehör
Laryngoscopes and Accessories
Laringoscopios y accesorios
Laryngoscopes et accessoires

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-poitrine 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-poitrine 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



حنجره - ریه - لاریتزوسکوپی و برونشیوسکوپی
Laryngo-Broncho-Oesophagoscopie
Laryngo-Broncho-Esophagoscopy
Laringo-Bronco-Esofagoscopia
Laryngo-Broncho-Œsophagoscopie

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

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



L mm

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

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

70-1722-37



70-2019-23

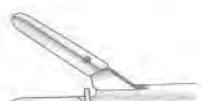
Fraenkel
23 cm/9"
70-2018-23



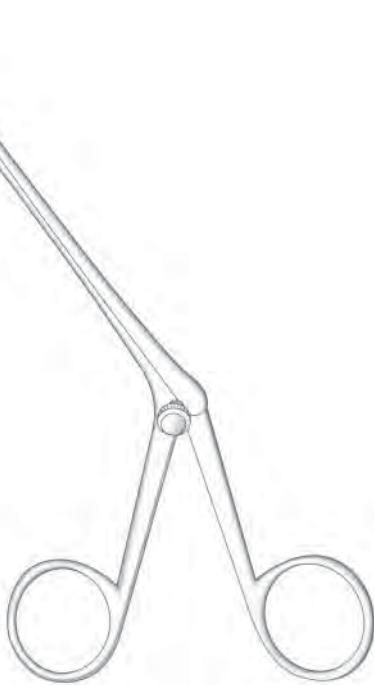
70-2021-23



70-2024-23



70-2026-23



Jurasz
23 cm/9"

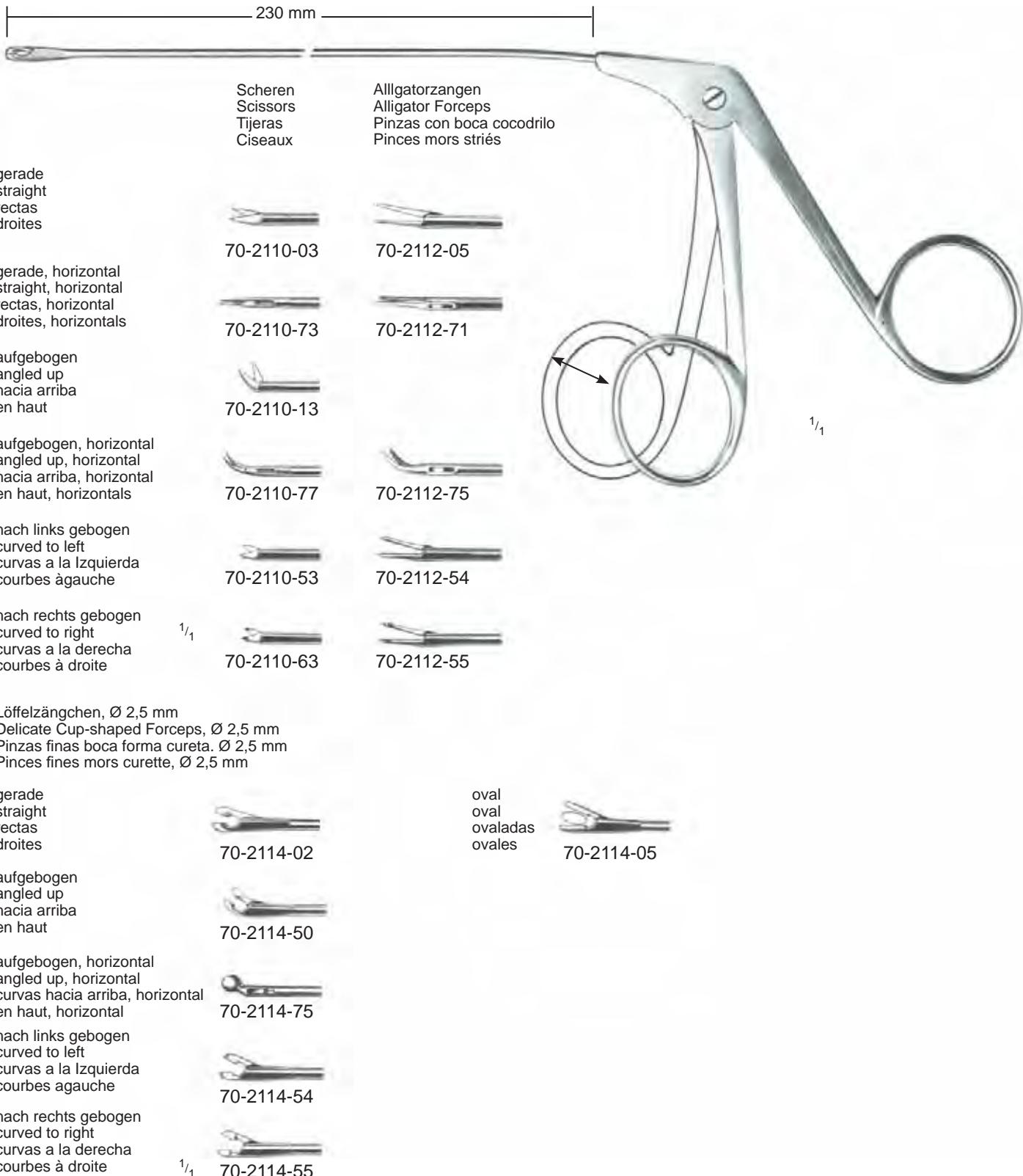


Instrumente zur endolaryngealen Mikrochirurgie

Instruments for endo-laryngeal Micro Surgery

Instrumentos para micro-cirugía endolaringea

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

		230 mm		
		Scheren Scissors Tijeras Ciseaux	Alligatorzangen Alligator Forceps Pinzas con boca cocodrilo Pince mors striés	
gerade straight rectas droites				
gerade, horizontal straight, horizontal rectas, horizontal droites, horizontals		70-2120-03	70-2122-05	
aufgebogen angled up hacia arriba en haut				
aufgebogen, horizontal angled up, horizontal hacia arriba, horizontal en haut, horizontals		70-2120-73	70-2122-71	
nach links gebogen curved to left curvas a la Izquierda courbes à gauche				
nach rechts gebogen curved to right curvas a la derecha courbes à droite	1/1	70-2120-77	70-2122-75	
nach links gebogen curved to left curvas a la Izquierda courbes à gauche		70-2120-53	70-2122-54	
nach rechts gebogen curved to right curvas a la derecha courbes à droite	1/1	70-2120-63	70-2122-55	
Löffelzängchen, Ø 2,5 mm Delicate Cup-shaped Forceps, Ø 2,5 mm Pinzas finas boca forma cureta, Ø 2,5 mm Pince fines mors curette, Ø 2,5 mm				
gerade straight rectas droites			oval oval ovaladas ovales	
aufgebogen angled up hacia arriba en haut		70-2124-02		70-2124-05
aufgebogen, horizontal angled up, horizontal hacia arriba, horizontal en haut, horizontal				
nach links gebogen curved to left curvas a la Izquierda courbes à gauche		70-2124-50		
nach rechts gebogen curved to right curvas a la derecha courbes à droite	1/1	70-2124-75		
nach links gebogen curved to left curvas a la Izquierda courbes à gauche				
nach rechts gebogen curved to right curvas a la derecha courbes à droite	1/1	70-2124-54		
nach links gebogen curved to left curvas a la Izquierda courbes à gauche				
nach rechts gebogen curved to right curvas a la derecha courbes à droite	1/1	70-2124-55		



حنجره - ریه - لاریتزوسکوپی و برونشیوسکوپی
Laryngo-Broncho-Oesophagoskopie
Laryngo-Broncho-Esophagoscopy
Laryngo-Broncho-Esofagoscopia
Laryngo-Broncho-Œsophagoscopie

Rohrschaftzangen für Laryngoskopie
 Forceps with tubular shafts for Laryngoscopy
 Pinzas con vástago tubular para Laringoscopia
 Pinces 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 = 70-3535-02



1 = 70-3435-03
 2 = 70-3535-03



1 = 70-3435-05
 2 = 70-3535-05

1 = ein Maulteil beweglich
 1 = one part of jaw movable
 1 = una parte de mandíbula móvil
 1 = un mors mobil



1 = 70-3435-08
 2 = 70-3535-08

2 = beide Maulteil beweglich
 2 = both part of jaw movable
 2 = ambas mandíbulas móviles
 2 = les deux mors mobil



1 = 70-3435-09
 2 = 70-3535-09



1 = 70-3435-11



1 = 70-3435-12
 2 = 70-3535-12



1 = 70-3435-50



1 = 70-3435-54



1 = 70-3435-55



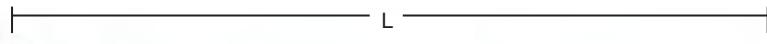
1 = 70-3435-75



Jackson
24 cm/9½"

70-3437-01 70-3437-00

Rohrschaftzangen für Laryngo-Broncho-Oesophagoskopie
Forceps with tubular shafts for Laryngo-Broncho-Esophagoscopy
Pinzas con vástago tubular para Laringo-Bronco-Esofagoscopía
Pince à tige tubulaire pour Laryngo-Broncho-Œsophagoscopie



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 2 = 70-3540-01	70-3450-01 70-3550-01	70-3460-01 70-3560-01
4 mm	1 = 70-3440-04 2 = 70-3540-04	70-3450-04 70-3550-04	70-3460-04 70-3560-04
	1 = 70-3440-05 2 = 70-3540-05	70-3450-05 70-3550-05	70-3460-05 70-3560-05
	1 = 70-3440-08 2 = 70-3540-08	70-3450-08 70-3550-08	70-3460-08 70-3560-08
	1 = 70-3440-09 2 = 70-3540-09	70-3450-09 70-3550-09	70-3460-09 70-3560-09
3 x 6 mm 4 x 6 mm 4 x 8 mm	1 = 70-3440-36 2 = 70-3440-46 2 = 70-3440-48	70-3450-36 70-3450-46 70-3450-48	70-3460-36 70-3460-46 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

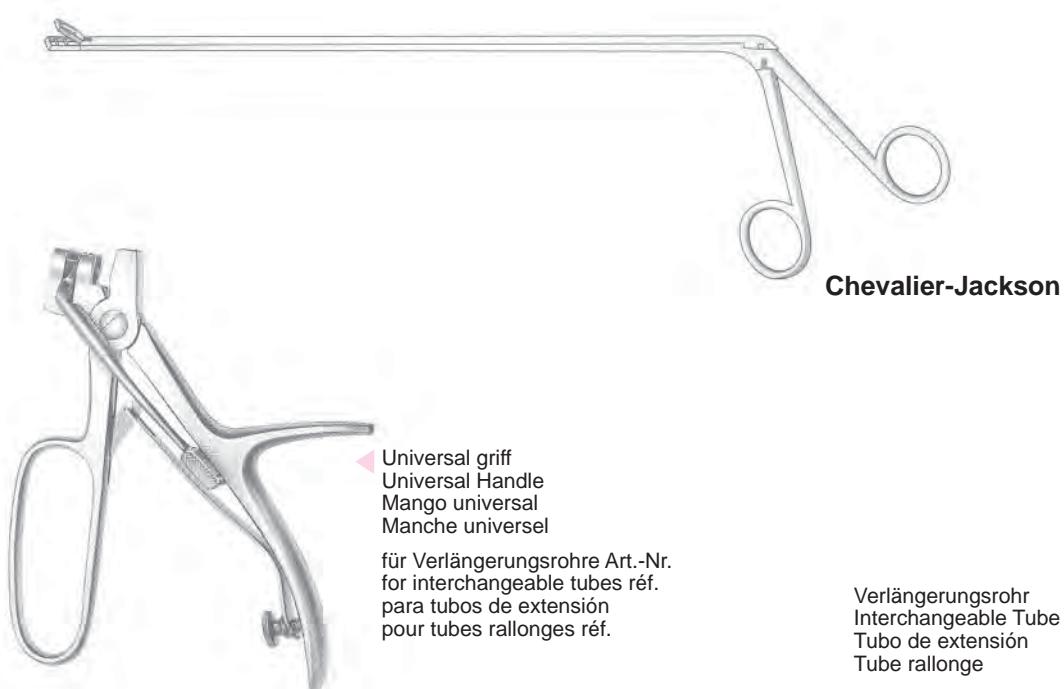


حنجره - ریه - لاریتزوسکوپی و برونشیوسکوپی
Laryngo-Broncho-Oesophagoscopie
Laryngo-Broncho-Esophagoscopy
Laryngo-Broncho-Esofagoscopia
Laryngo-Broncho-Œsophagoscopie



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 laringeo, 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