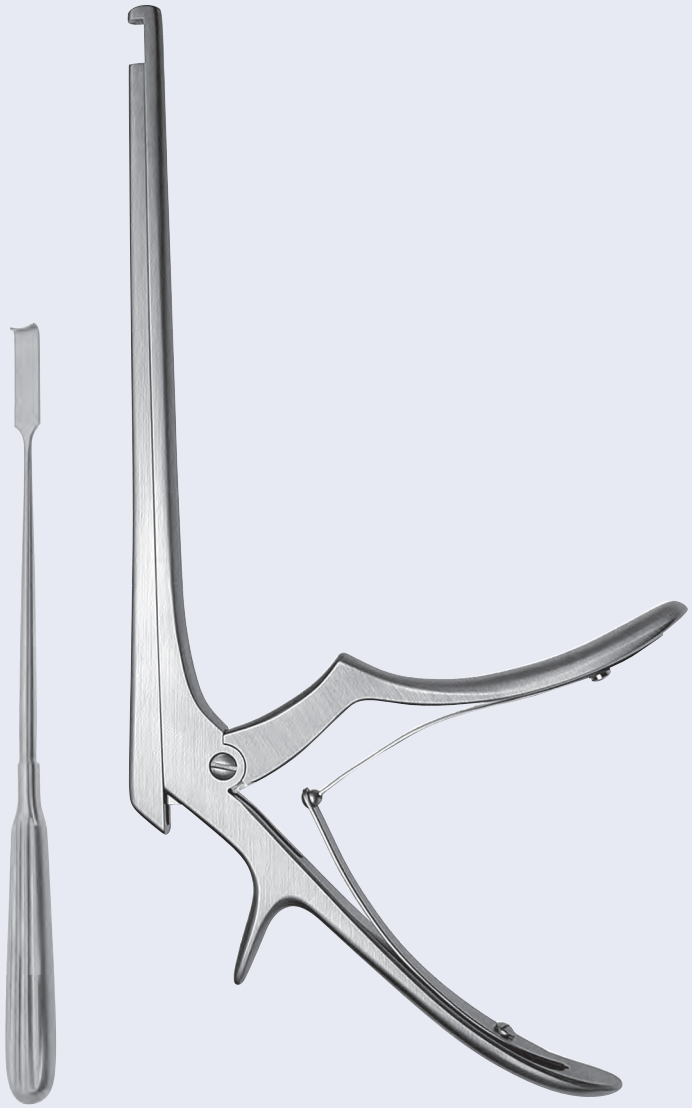
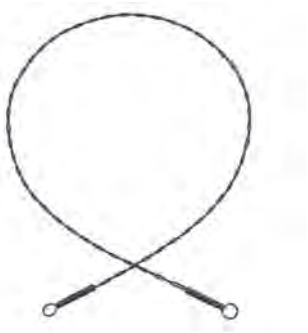


026

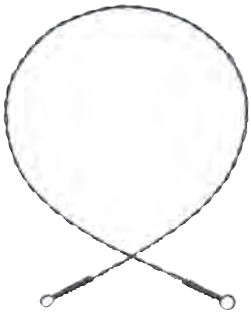
Neurochirurgie,
Laminektomie
Neurosurgery,
Laminectomy
Neurocirugía,
Laminectomía
Neurochirurgia,
Laminectomia



2-teilig
2 wires twisted
2 vueltas de hilo
2-girate

OLIVECRONA

026-010-300	30,0 cm / 12"
026-010-400	40,0 cm / 16"
026-010-500	50,0 cm / 20"
026-010-600	60,0 cm / 24"
026-010-700	70,0 cm / 28"



fein, 6-teilig
fine, 6 wires twisted
fina, 6 vueltas de hilo
fino, 6-girate

GIGLIW

026-014-300	30,0 cm / 12"
026-014-400	40,0 cm / 16"
026-014-500	50,0 cm / 20"

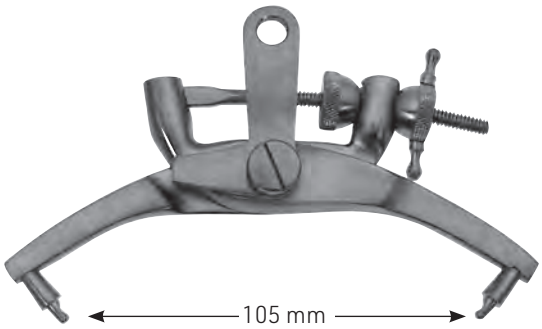
GIGLI

026-015-007	7,0 cm / 2 1/4"

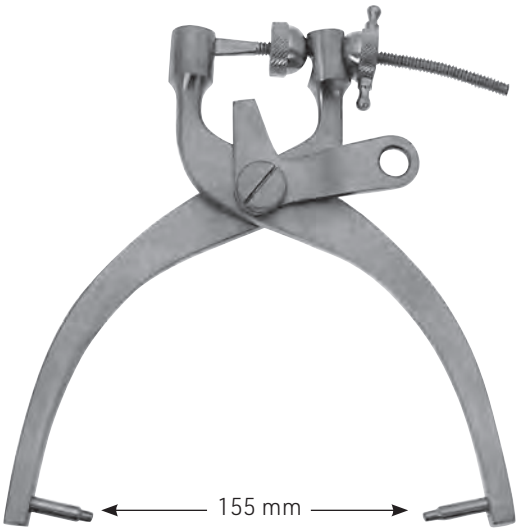
Einführungsinstrument für Drahtsägen
Conductor for wire saws
Conductor para sierras de hilo
Introduttore per fili per sega

DE MARTEL

026-020-330	33,0 cm / 13"



CRUTCHFIELD
026-030-105



CRUTCHFIELD
026-030-155

026-035-001
Ersatzdorn
Spare pin
Espina de repuesto
Punta di ricambio

CRUTHFIELD
026-032-035 Ø 3,5 mm

CRUTHFIELD
026-032-050 Ø 5,0 mm

Vorbohrer für CRUTCHFIELD-Schädelhalter
Drill point for CRUTCHFIELD cervical traction tongs
Perforador inicial para pinzas de tracción craneal CRUTCHFIELD
Alesatore per pinze per trazione craniale di CRUTCHFIELD

026-034-175

Schädelhalter für Extension der Halswirbel, großes Modell, Dorne verstellbar, deshalb Vorbohren nicht erforderlich

Cervical traction tongs, for extension of the neck vertebrae, large size, pins adjustable hence no initial drilling

Pinza de tracción craneal para la extensión de las vertebras de cuello, tamaño grande, puntas ajustables suprimiendo perforaciones iniciales

Pinza per trazione craniale e l'estensione delle vertebre del collo, modello grande, punte regolabili al fine di evitare la perforazione iniziale

Schädelstanze
Cranial rongeur
Pinza saca-bocado craneal
Pinza per cranio

DAHLGREN

026-040-200 20,0 cm / 8"

026-041-001

Fig. 4

026-045-004

Fig. 5

026-045-005

Schädelstanze
Cranial rongeur
Pinza saca-bocado craneal
Pinza per cranio

DE VILBISS

026-044-210 21,0 cm / 8 1/4"

Schädelstanzzange
Cranial punch rongeur
Pinza saca-bocados craneal
Pinza per cranio

CONE

026-048-225 22,5 cm / 9"

RANEY

026-058-001
Kopfhautklammern
Scalp hemostasis clips
Grapa hemostática para cuero cabelludo
Agrafes emostatici per cuoio capelluto

RANEY

026-062-160 16,0 cm / 6 1/4"

Anlege- und Abnehmezange
für Kopfhautklammern

Applying an removing forceps
for scalp hemostasis clips

Pinza para aplicar y quitar clips
hemostáticas de cuero cabelludo

Pinza per applicare e togliere le agrafes
emostatiche al cuoio capelluto

LEYLA

026-100-001
Selbsthaltender Spatel mit 1 Spannarm, komplett, bestehend aus:
1 Spannarm, flexibel (**026-100-010**)
1 Fixiervorrichtung für 1 Spannarm (**026-100-020**)
1 Spatelhalter für flache Spatel (**026-100-031**)

Self-retaining retractor with 1 arm, complete, consisting of:
1 Flexible arm (**026-100-010**)
1 Fixation base for 1 arm (**026-100-020**)
1 Support for flat spatulas (**026-100-031**)

Separador automático con 1 brazo, completo, compuesto de:
1 Brazo, flexible (**026-100-010**)
1 Fijador para 1 brazo (**026-100-020**)
1 Porta-espátula para espátulas planas (**026-100-031**)

Autofissatore per retrattore con 1 braccio, completo, composto da:
1 Braccio flessibile (**026-100-010**)
1 Base di fissaggio per 1 braccio (**026-100-020**)
1 Supporto per spatole cervicali piatte (**026-100-031**)

LEYLA

026-100-002
Selbsthaltender Spatel mit 2 Spannarm, komplett, bestehend aus:
2 Spannarm, flexibel (**026-100-020**)
1 Fixiervorrichtung für 2 Spannarme (**026-100-021**)
2 Spatelhalter für flache Spatel (**026-100-031**)

Self-retaining retractor with 2 arm, complete, consisting of:
2 Flexible arms (**026-100-010**)
1 Fixation base for 2 arms (**026-100-021**)
2 Supports for flat spatulas (**026-100-031**)

Separador automático con 2 brazos, completo, compuesto de:
2 Brazos, flexible (**026-100-010**)
1 Fijador para 2 brazos (**026-100-021**)
2 Porta-espátula para espátulas planas (**026-100-031**)

Autofissatore per retrattore con 2 bracci, completo, composto da:
2 Bracci flessibili (**026-100-010**)
1 Base di fissaggio per 2 bracci (**026-100-021**)
2 Supporti per spatole cervicali piatte (**026-100-031**)

Zubehör zu LEYLA-Retraktoren
Accessories for LEYLA Self-Retaining Retractors
Accesorios para separadores automáticos de LEYLA
Accessori per autofissatori di retrattori diLEYLA

LEYLA

026-100-010
Spannarm
Flexible arm
Brazo flexible
Braccio flessibile

LEYLA

026-100-020
Fixiervorrichtung für 1 Spanner
Fixation base for 1 arm
Fijador para 1 brazo
Base di fissagio per 1 braccio

LEYLA

026-100-021
Fixiervorrichtung für 2 Spannarme
Fixation base for 2 arms
Fijador para 2 brazos
Base di fissagio per 2 bracci

LEYLA

026-100-022
Fixiervorrichtung für 1 Spannarm
Fixation base for 1 arm
Fijador para 1 brazo
Base di fissagio per 1 braccio

LEYLA

026-100-030
Spatelhalter
Support
Porta-espátula
Supporto

LEYLA

026-100-031
Spatelhalter
Support
Porta-espátula
Supporto

LEYLA

026-110-001

Selbsthaltender Spatel mit 1 Spannarm, komplett, bestehend aus:
1 Kugelgelenkkloben (**026-110-010**)
1 Haltearm (**026-110-020**)
1 Kupplungskopf (**026-110-030**)
1 Spannarm (**026-100-010**)
1 Spatelhalterung für Spatel mit rundem Griff (**026-100-030**)

Self-retaining retractor with 1 flexible arm, complete, consisting of:
1 Ball and socket joint (**026-110-010**)
1 Holding rod (**026-110-020**)
1 Coupling head (**026-110-030**)
1 Flexible arm (**026-100-010**)
1 Support, for spatulas with round shaft (**026-100-030**)

Separador automático con 1 brazo, completo, compuesto de:
1 Articulación esférica (**026-110-010**)
1 Brazo de apoyo (**026-110-020**)
1 Acoplamiento (**026-110-030**)
1 Brazo (**026-100-010**)
1 Porta-espátula para espátulas con mangos redondos (**026-100-030**)

Autofissatore per retrattori con 1 braccio flessibile completo, composto da:
1 Giunto a sfera ad incastro (**026-110-010**)
1 Porta asta (**026-110-020**)
1 Testa accoppiamento (**026-110-0310**)
1 Braccio flessibile (**026-100-010**)
1 Supporto per spatola con albero rotondo (**026-100-030**)

LEYLA

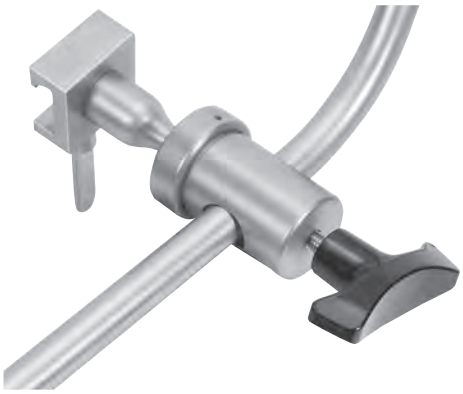
026-110-002

Selbsthaltender Spatel mit 2 Spannarmen, komplett, bestehend aus:
1 Kugelgelenkkloben (**026-110-010**)
1 Haltearm (**026-110-020**)
1 Kupplungsköpfe (**026-110-030**)
2 Spannarme (**026-100-010**)
2 Spatelhalterung, für flache Spatel (**026-100-031**)
1 Spatel (**026-127-009**)
1 Spatel (**026-127-012**)

Self-retaining retractor with 2 flexible arms, complete, consisting of:
1 Ball and socket joint (**026-110-010**)
1 Holding rod (**026-110-020**)
1 Coupling heads (**026-110-030**)
2 Flexible arms (**026-100-010**)
2 Supports, for flat spatulas (**026-100-31**)
1 spatulas (**026-127-009**)
1 spatulas (**026-127-012**)

Separador automático con 2 brazos, completo, compuesto de:
1 Articulación esférica (**026-110-010**)
1 Brazo de apoyo (**026-110-020**)
1 Acoplamientos (**026-110-030**)
2 Brazos (**026-100-010**)
2 Porta-espátula, para espátula planas (**026-100-31**)
1 Espatula (**026-127-009**)
1 Espatula (**026-127-012**)

Autofissatore per retrattori con 2 bracci flessibili completo, composto da:
1 Giunto a sfera ad incastro (**026-110-010**)
1 Porta asta (**026-110-020**)
1 Testa accoppiamento (**026-110-030**)
2 Bracci flessibili (**026-100-010**)
2 Supporti per spatola piatta (**026-100-031**)
1 Spatola (**026-127-009**)
1 Spatola (**026-127-012**)



LEYLA

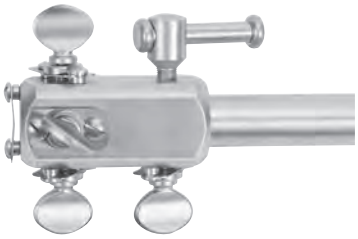
026-110-010

Kugelgelenkkloben
Ball and socket joint
Articulación esférica
Giunto a sfera ad incastro

LEYLA

026-110-020

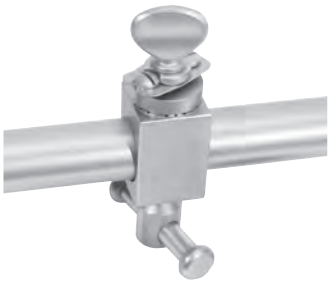
Haltearm
Holding rod
Brazo
Porta asta



LEYLA

026-110-030

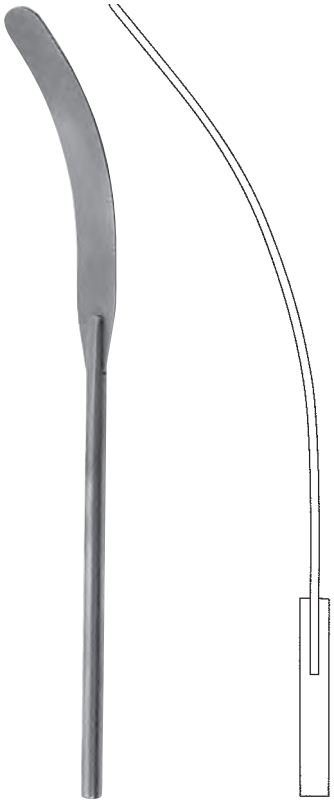
Kupplungskopf
Coupling head
Acoplamiento
Testa accoppiamento



LEYLA

026-110-031

Kupplungskopf, drehbar
Coupling head, turnable
Acoplamiento, girable
Testa accoppiamento, girabile



HEIFETZ

026-121-008	8 x 200 mm
026-121-011	11 x 200 mm
026-121-014	14 x 200 mm
026-121-017	17 x 200 mm
026-121-020	20 x 200 mm

HEIFETZ

026-122-008	8 x 155mm
026-122-011	11 x 155 mm
026-122-014	14 x 155 mm
026-122-017	17 x 155 mm

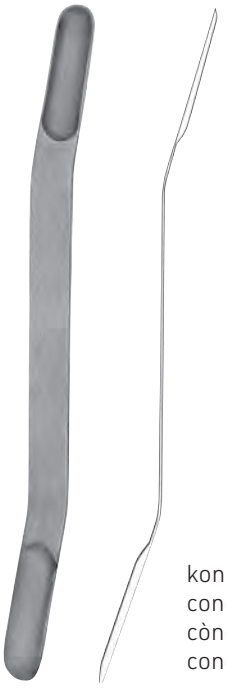
biegsam
malleable
maleable
flessibile

DAVIS

026-125-013	13 x 190 mm
026-125-016	16 x 190 mm

biegsam / gerieft
malleable / serrated
maleable / acanalada
flessibile / scannalato

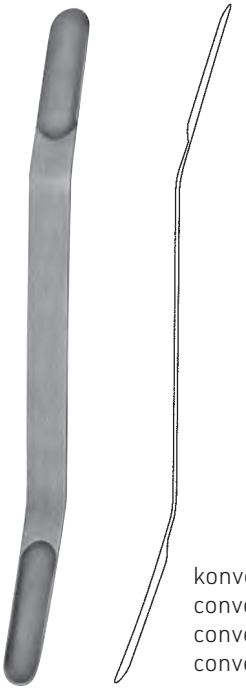
026-127-009	9 x 200 mm
026-127-012	12 x 200 mm



konkav
concave
còncava
concava

OLIVECRONA

026-131-001	7+ 9 mm x 180 mm
026-131-002	11+13 mm x 180 mm
026-131-003	15+18 mm x 180 mm
026-131-004	19+21 mm x 180 mm



konvex
convex
convexa
convessa

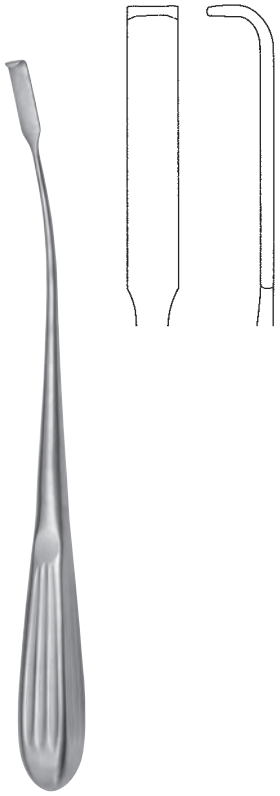
OLIVECRONA

026-133-001	7+ 9 mm x 180 mm
026-133-002	11+13 mm x 180 mm
026-133-003	15+18 mm x 180 mm
026-133-004	19+21 mm x 180 mm

Nervwurzelhaken
Nerve Root Retractors
Separadores para la raìz de nervios
Seperatori pr le radici dei nervi

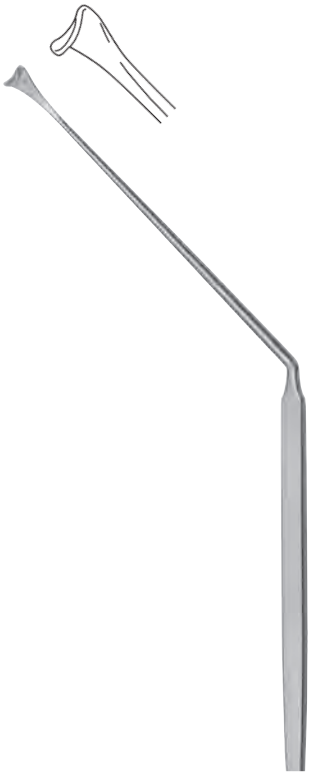
SCOVILLE
026-140-230 23,0 cm / 9"

SCOVILLE
026-141-200 20,0 cm / 8"

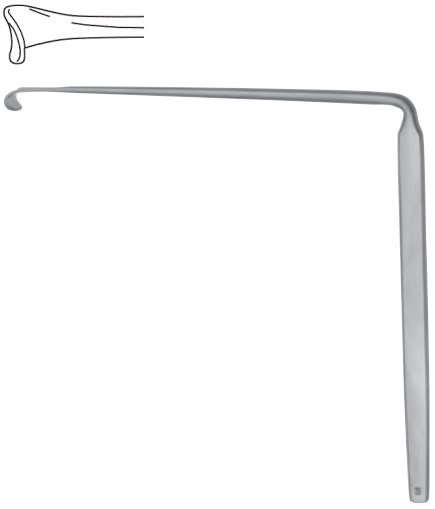


HOLSHER
026-143-240 24,0 cm / 9½"

LOVE
026-146-190 19,0 cm / 7½"



LOVE
026-147-180 18,0 cm / 7"



LOVE
026-149-140 14,0 cm / 5½"

026-153-001

026-153-002

GRONINGEN

026-153-001	**- 026-153-002**	26,0 cm / 10¼"

stumpf
blunt
romo
smusso

CUSHING

026-155-190	19,0 cm / 7½"
026-155-280	28,0 cm / 11"

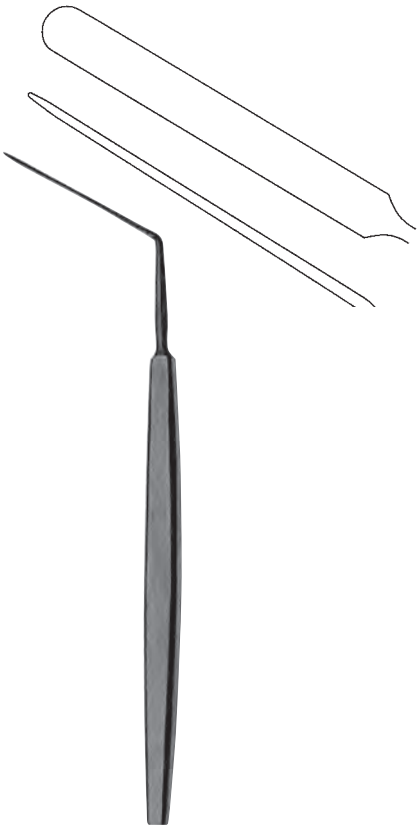
stumpf
blunt
romo
smusso

CUSHING

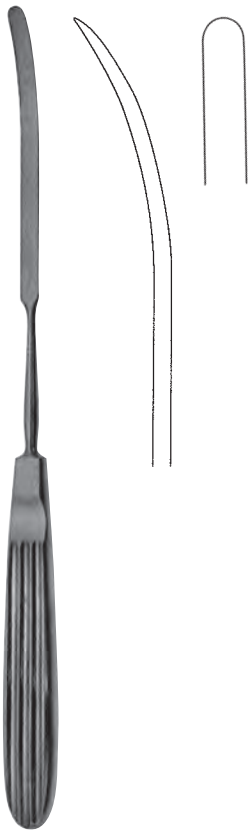
026-157-190	19,0 cm / 7½"
026-157-280	28,0 cm / 11"

Dura-Separatoren
Dura Seperators
Disecadores para dura-madre
Dissettori per la dura-madre

DANDY
026-159-200 20,0 cm / 8 1/2"



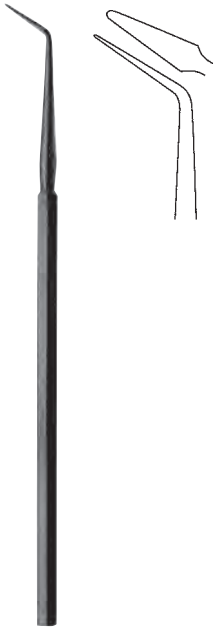
HORSLEY
026-161-200 20,0 cm / 7 1/4"



SACHS
026-163-210 21,0 cm / 9"

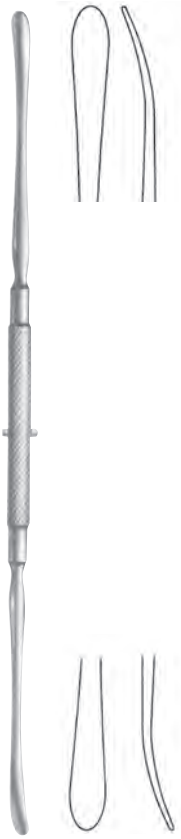
scharf
sharp
agudo
acuto

SACHS
026-165-210 21,0 cm / 8"



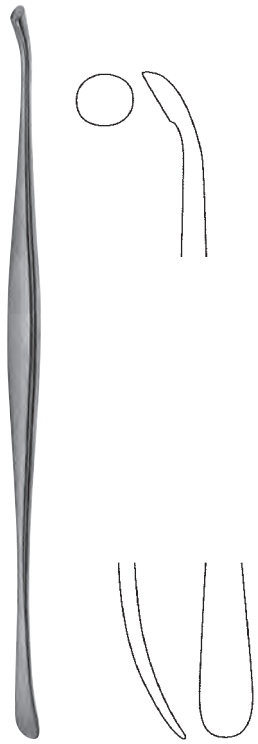
FRAZIER
026-167-165 16,5 cm / 6 1/2"

MILLIGAN
026-169-210 21,0 cm / 8 1/4"



DAVIS

026-170-245 24,5 cm / 9 2/3"



PENFIELD

026-171-001 17,5 cm / 7"

PENFIELD

026-171-002 19,5 cm / 7 3/4"

PENFIELD

026-171-003 19,5 cm / 7 3/4"

PENFIELD

026-171-215 21,5 cm / 8 1/2"

PENFIELD

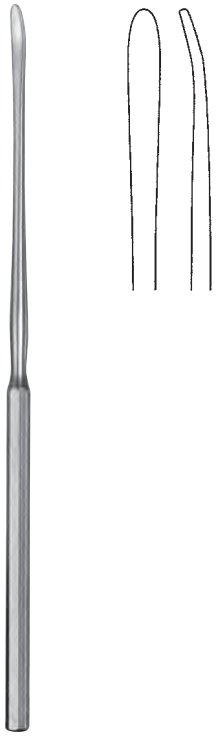
026-171-290 29,0 cm / 11 1/2"

TOENNIS

026-173-001 24,0 cm / 9 1/2"

TOENNIS

026-173-002 24,0 cm / 9 1/2"



DAVIS

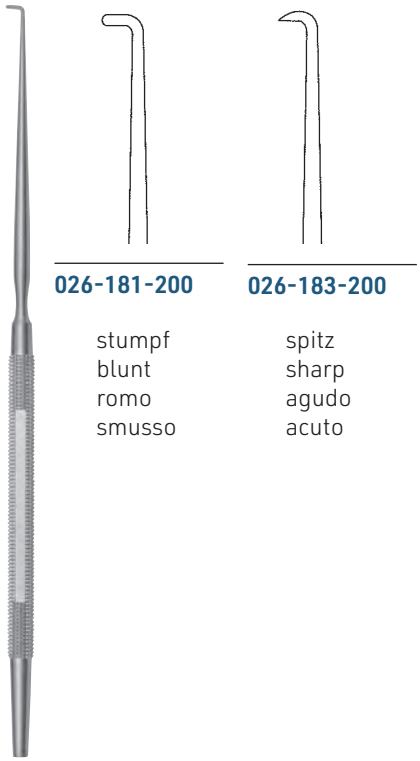
026-175-190 19,0 cm / 7 1/2"

OLIVECRONA

026-177-180 18,0 cm / 7"
026-177-240 24,0 cm / 9 1/2"

OLIVECRONA

026-179-195 19,5 cm / 7 3/4"
026-179-240 24,0 cm / 9 1/2"



026-181-200

stumpf
blunt
romo
smusso

026-183-200

spitz
sharp
agudo
acuto

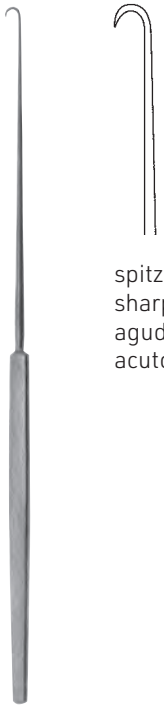
ADSON

026-181-200 - 026-183-200 20,0 cm /8"

stumpf
blunt
romo
smusso

GRAHAM

026-185-165 16,5 cm / 6 3/4"



spitz
sharp
agudo
acuto

SACHS

026-187-185 18,5 cm / 7 1/4"

spitz
sharp
agudo
acuto

FRAZIER

026-189-130 13,0 cm / 5"
026-189-180 18,0 cm / 7"

stumpf
blunt
romo
smusso

FRAZIER

026-190-130 13,0 cm / 5"

CUSHING

026-191-140 14,0 cm / 5 1/2"

TOENNIS

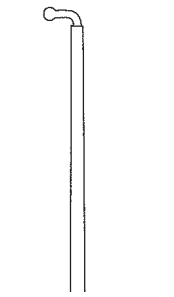
026-193-130 13,0 cm / 5 1/8"

TOENNIS

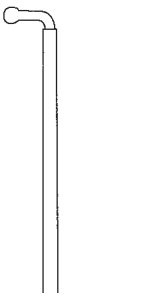
026-193-190 19,0 cm / 7 1/2"

HALLE

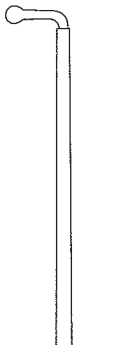
026-195-200 20,0 cm / 8 1/4"



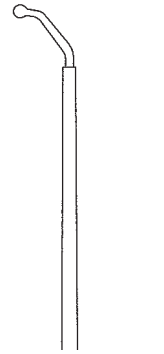
026-201-001



026-201-002



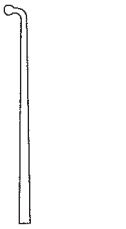
026-201-003



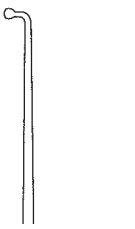
026-201-004

CASPAR

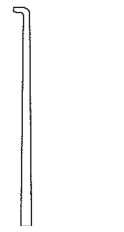
026-201-001 - 026-201-004 25,0 cm / 10"



026-203-020



026-203-025



026-203-030

026-203-035

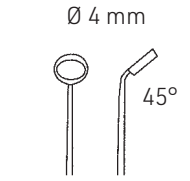
KRAYENBÜHL

026-203-020 - 026-203-035 18,5 cm / 7 1/4"

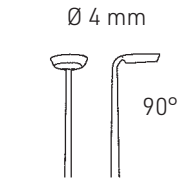
Spekula für trans-sphenoidale Hypophysektomie
Specula for trans-sphenoidal hypophysectomy
Espéculo para la hipofisectomia trans-sfeniodal
Speculo per ipofisectomia trans-sfenoidale

LANDOLT-CUSHING

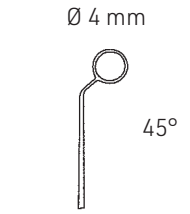
026-210-070 ø 15 mm x 70 mm
026-210-090 ø 15 mm x 90 mm



026-211-004



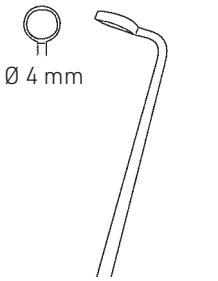
026-213-004



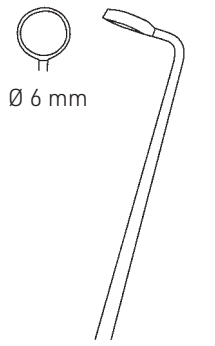
026-215-004

RAY

026-211-004 - 026-215-004 19,0 cm / 7½"



026-221-004



026-221-006

HARDY

026-221-004 - 026-221-006 26,0 cm / 10¼"

Küretten, horizontal 90°, biegsam
Curettes, horizontal 90°, malleable
Curetas, horizontal 90°, maleable
Curette, orizzontale 90°, malleabile

stumpf
blunt
romo
smusso

HARDY
026-231-001

stumpf
blunt
romo
smusso

HARDY
026-231-002

scharf
sharp
agudo
acuto

HARDY
026-233-001

scharf
sharp
agudo
acuto

HARDY
026-233-002

HARDY
026-236-245

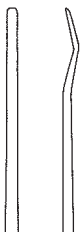
scharf
sharp
agudo
acuto

HARDY-FAHLBUSCH
026-237-001

scharf
sharp
agudo
acuto

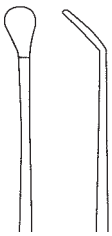
HARDY-FAHLBUSCH
026-237-002

026-231-001 - 026-237-002 24,5 cm / 9¾"



YASARGIL
026-251-001

YASARGIL
026-251-002



YASARGIL
026-251-003

YASARGIL
026-251-004

YASARGIL
026-251-005

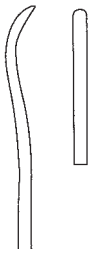
JACOBSON
026-251-006

JACOBSON
026-251-007

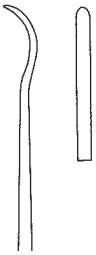
YASARGIL
026-251-008

026-251-001 - 026-251-008 19,0 cm / 7½"

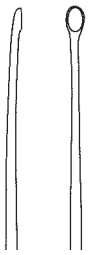
YASARGIL
026-261-001



YASARGIL
026-261-002



YASARGIL
026-261-003



YASARGIL
026-261-004

KRAUS
026-265-190

KOOS
026-263-001

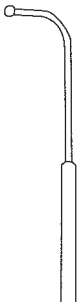
KOOS
026-263-002

KOOS
026-263-003

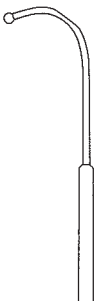
YASARGIL
026-267-001

YASARGIL
026-267-002

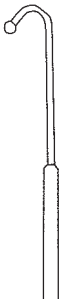
026-261-001 - 026-267-002 19,0 cm / 7¼"



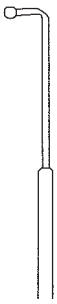
026-271-001



026-271-002



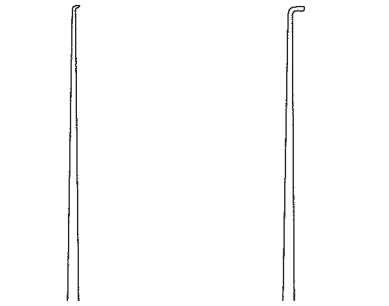
026-271-003



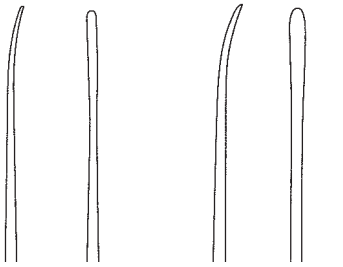
026-271-004

Fadenführer, geknöpft
Ligature guides and carriers, pointed
Guía-ligadura, abotonada
Guida per legatura, bottonuta

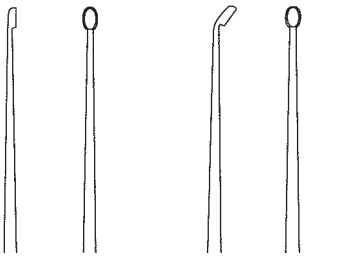
YASARGIL
026-271-001 - 026-271-004 18,5 cm / 7¼"



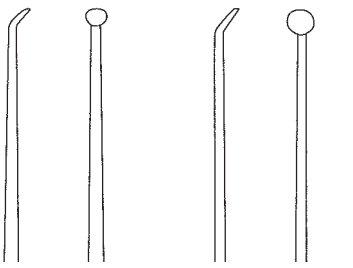
026-280-001 **026-280-002**



026-281-001 **026-281-002**



026-284-001 **026-284-002**



026-285-001 **026-285-002**

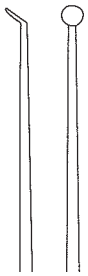
026-280-001 - 026-285-002 23,0 cm / 9"

026-291-001

Dissektor
Dissector
Disecador
Dissettore

026-291-002

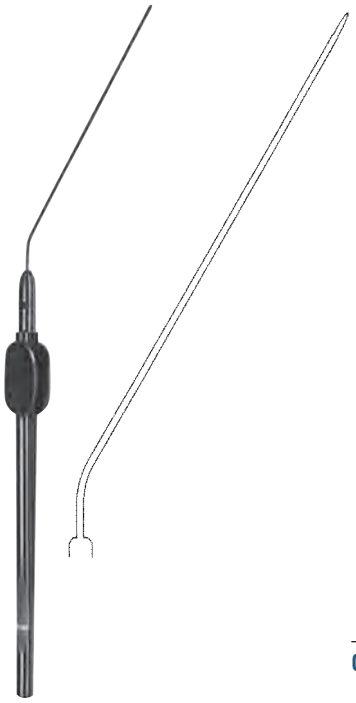
Dissektor
Dissector
Disecador
Dissettore



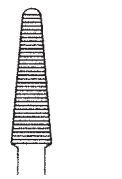
026-291-003

Raspatorium
Raspatory
Legra
Periostotomo

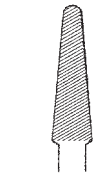
026-291-001 - 026-291-003 23,0 cm / 9"



Schaft Ø 1,0 mm
shaft 1,00 diam.
Vástago de 1,0 mm de Ø
Ø dell ásta mm 1,0



026-331-190



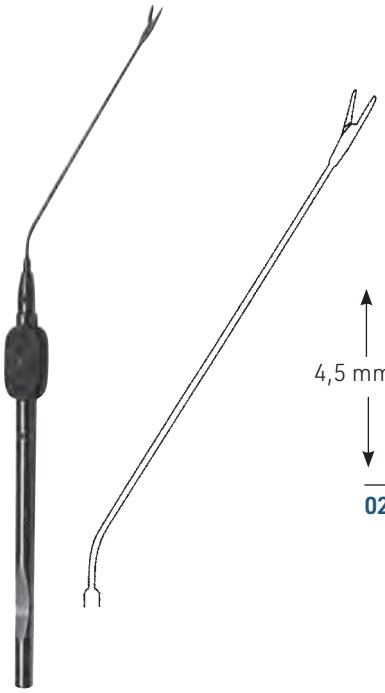
026-333-190

026-335-190

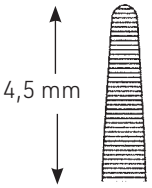
026-337-190

026-339-190

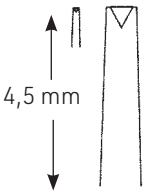
026-331-190 - 026-339-190 19,0 cm / 7½"



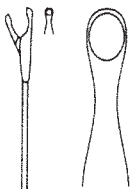
Schaft Ø 1,0 mm
shaft 1,00 diam.
Vástago de 1,0 mm de Ø
Ø dell ásta mm 1,0



026-341-190

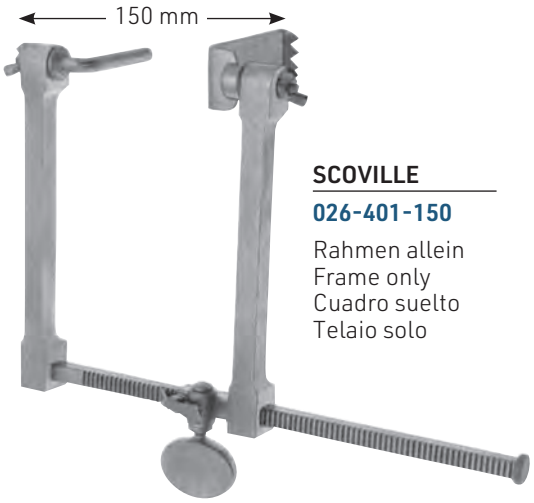


026-343-190



026-345-190

026-341-190 - 026-345-190 19,0 cm / 7½"



SCOVILLE

026-401-150

Rahmen allein
Frame only
Cuadro suelto
Telaio solo

SCOVILLE

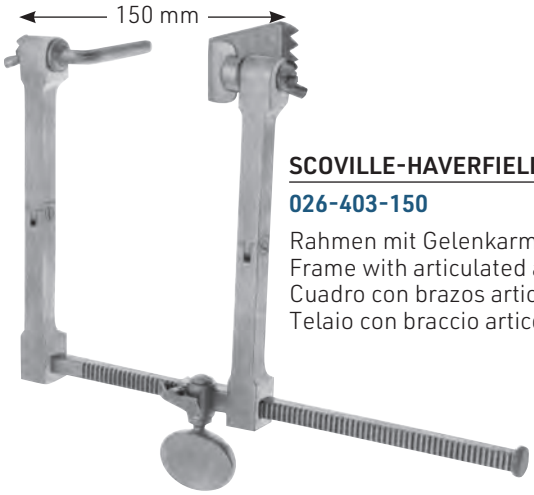
026-400-150

Wundspreizer, komplett, bestehend aus:
1 Rahmen (026-401-150)
1 Haken 50 mm (026-403-050)
1 Seitenvalve 63 x 25 mm (a x b) (026-405-001)

Self-retaining retractor, complete, consisting of:
1 Frame (026-401-150)
1 Hook 50 mm (026-403-050)
1 Lateral valve 63 x 25 mm (a x b) (026-405-001)

Separador, completo, compuesto de:
1 Cuadro (026-403-050)
1 Gancho 50 mm (026-403-050)
1 Valva lateral 63 x 25 mm (a x b) (026-405-001)

Divaricatore, completo, composto da:
1 Telaio (026-403-050)
1 Divaricatore 50 mm (026-403-050)
1 Valva laterale 63 x 25 mm (a x b) (026-405-001)



SCOVILLE-HAVERFIELD

026-403-150

Rahmen mit Gelenkarmen, allein
Frame with articulated arms, only
Cuadro con brazos articulados, suelto
Telaio con braccio articolato, solo

SCOVILLE-HAVERFIELD

026-402-150

Wundspreizer, komplett, bestehend aus:
1 Rahmen (026-403-150)
1 Haken 50 mm (026-403-050)
1 Seitenvalve 63 x 25 mm (a x b) (026-405-001)

Self-retaining retractor, complete, consisting of:
1 Frame (026-403-150)
1 Hook 50 mm (026-403-050)
1 Lateral valve 63 x 25 mm (a x b) (026-405-001)

Separador, completo, compuesto de:
1 Cuadro (026-403-150)
1 Gancho 50 mm (026-403-050)
1 Valva lateral 63 x 25 mm (a x b) (026-405-001)

Divaricatore, completo, composto da:
1 Telaio (026-403-150)
1 Divaricatore 50 mm (026-403-050)
1 Valva laterale 63 x 25 mm (a x b) (026-405-001)

SCOVILLE

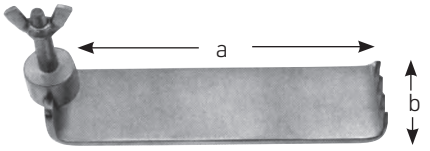
026-403-050 50,0 mm
026-403-075 75,0 mm

Haken für Wundspreizer
(026-400-150 und 026-402-150)

Hooks for self-retaining retractors
(026-400-150 und 026-402-150)

Ganchos para separadores
(026-400-150 und 026-402-150)

Gancio per divaricatori
(026-400-150 und 026-402-150)



SCOVILLE

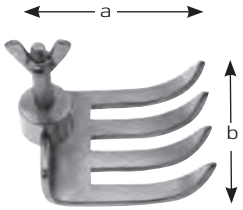
026-405-001 63 x 25 mm (a x b)
026-405-002 64 x 50 mm (a x b)
026-405-003 88 x 25 mm (a x b)

Seitenvalven für Wundspreizer
(026-400-150 und 026-402-150)

Lateral valves for self-retaining
(026-400-150 und 026-402-150)

Valvas laterales para separadores
(026-400-150 und 026-402-150)

Valve laterali per divaricatori
(026-400-150 und 026-402-150)



SCOVILLE

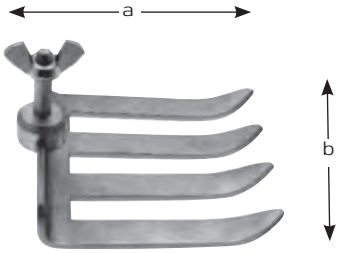
026-407-038 41 x 38 mm (a x b)
026-407-044 67 x 44 mm (a x b)

Seitenvalven für Wundspreizer
(026-400-150 und 026-402-150)

Lateral valves for self-retaining
(026-400-150 und 026-402-150)

Valvas laterales para separadores
(026-400-150 und 026-402-150)

Valve laterali per divaricatori
(026-400-150 und 026-402-150)



TAYLOR

026-409-001 48 x 50 mm (a x b)
026-409-002 64 x 64 mm (a x b)
026-409-003 80 x 57 mm (a x b)

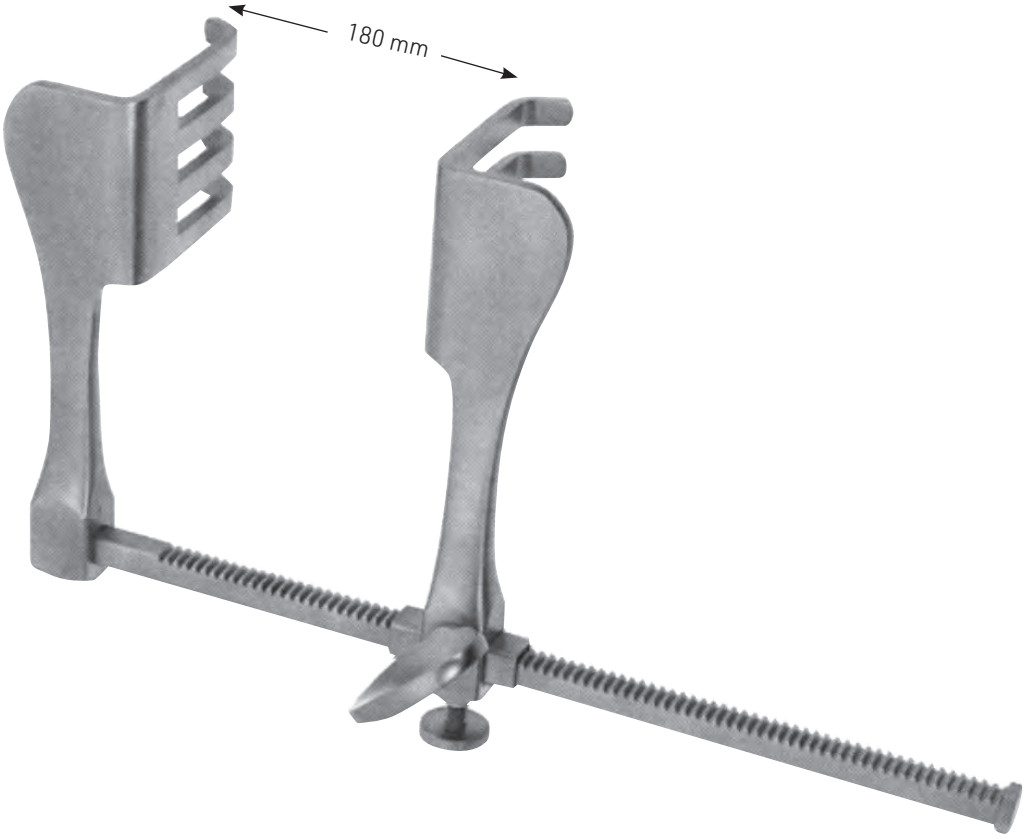
Seitenvalven für Wundspreizer
(026-400-150 und 026-402-150)

Lateral valves for self-retaining
(026-400-150 und 026-402-150)

Valvas laterales para separadores
(026-400-150 und 026-402-150)

Valve laterali per divaricatori
(026-400-150 und 026-402-150)

Wundspreizer, Seitenvalven 52 x 44 mm (a x b)
Self-retaining retractor, lateral valves 52 x 44 mm (a x b)
Separador, valvas laterales 52 x 44 mm (a x b)
Divaricatore, Valve laterali 52 x 44 mm (a x b)



BADGLEY
026-410-180

Lumbal, thorakal und cervical einzusetzen!
For use of lumbar, thoracic and cervical!
Útil para lumbar, toracal y cervical!
Per impiego lombare, toracico e cervicale

CASPAR

026-420-145

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß, für Laminektomie und Hemi-Laminektomie, komplett, bestehend aus:
1 Rahmen (026-421-145)
1 Drehschlüssel (026-422-001)
1 Haken 38 mm (026-423-038)
1 Seitenvalve 37 x 22 mm (026-425-037)
1 Seitenvalve 43 x 22 mm (026-425-043)
1 Seitenvalve 47 x 22 mm (026-425-047)
1 Seitenvalve 52 x 22 mm (026-425-052)
1 Seitenvalve 57 x 22 mm (026-425-057)

Separador con brazos articulados y cierre rápido esférico, para laminectomía y hemi-laminectomía, completo, compuesto de:
1 Cuadro (026-421-145)
1 Llave (026-422-001)
1 Gancho 38 mm (026-423-038)
1 Valva lateral 37 x 22 mm (026-425-037)
1 Valva lateral 43 x 22 mm (026-425-043)
1 Valva lateral 47 x 22 mm (026-425-047)
1 Valva lateral 52 x 22 mm (026-425-052)
1 Valva lateral 57 x 22 mm (026-425-057)

026-421-145

Rahmen mit Gelenkarmen, allein
Frame with articulated arms, only
Cuadro con brazos articulados, suelto
Telaio con braccio articolato, solo

Self-retaining retractor with articulated arms and ball snap closure, for laminectomy and hemi-laminectomy, complete, consisting of:
1 Frame (026-421-145)
1 Key (026-422-001)
1 Hook 38 mm (243-351-38)
1 Lateral valve 37 x 22 mm (026-425-037)
1 Lateral valve 43 x 22 mm (026-425-043)
1 Lateral valve 47 x 22 mm (026-425-047)
1 Lateral valve 52 x 22 mm (026-425-052)
1 Lateral valve 57 x 22 mm (026-425-057)

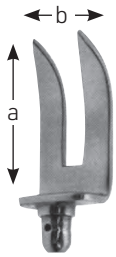
Divaricatore con braccio articolato a chiusura istantanea, per laminectomia e emi-laminectomia, completo, composto da:
1 Telaio (026-421-145)
1 Chiave (026-422-001)
1 Gancio 38 mm (243-351-38)
1 Valva laterale 37 x 22 mm (026-425-037)
1 Valva laterale 43 x 22 mm (026-425-043)
1 Valva laterale 47 x 22 mm (026-425-047)
1 Valva laterale 52 x 22 mm (026-425-052)
1 Valva laterale 57 x 22 mm (026-425-057)

026-422-001

Drehschlüssel
Key
Llave
chiave

026-423-038 38,0 mm

026-425-037 37 x 22 mm (a x b)



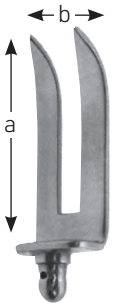
026-425-043 43 x 22 mm (a x b)

026-425-047 47 x 22 mm (a x b)

026-425-052 52 x 22 mm (a x b)

026-425-057 57 x 22 mm (a x b)

026-423-038	38,0 mm
026-423-058	58,0 mm



026-425-032	32 mm x 22 mm (a x b)
026-425-037	37 mm x 22 mm (a x b)
026-425-043	43 mm x 22 mm (a x b)
026-425-047	47 mm x 22 mm (a x b)
026-425-052	52 mm x 22 mm (a x b)
026-425-057	57 mm x 22 mm (a x b)
026-425-062	62 mm x 22 mm (a x b)
026-425-067	67 mm x 22 mm (a x b)

026-427-032	32 mm x 37 mm (a x b)
026-427-037	37 mm x 37 mm (a x b)
026-427-043	43 mm x 37 mm (a x b)
026-427-047	47 mm x 37 mm (a x b)
026-427-052	52 mm x 37 mm (a x b)
026-427-057	57 mm x 37 mm (a x b)
026-427-062	62 mm x 37 mm (a x b)
026-427-067	67 mm x 37 mm (a x b)

026-429-032	32 mm x 52 mm (a x b)
026-429-037	37 mm x 52 mm (a x b)
026-429-043	43 mm x 52 mm (a x b)
026-429-047	47 mm x 52 mm (a x b)
026-429-052	52 mm x 52 mm (a x b)
026-429-057	57 mm x 52 mm (a x b)
026-429-062	62 mm x 52 mm (a x b)
026-429-067	67 mm x 52 mm (a x b)

026-430-115 11,5 cm / 4 1/2"

Pinzette zum Valvenwechsel bei Kugelschnellverschluß-System

Valve ejector for changing the valves with ball snap closure system

Pinza para el cambio de valvas con el sistema de cierre rapido esférico

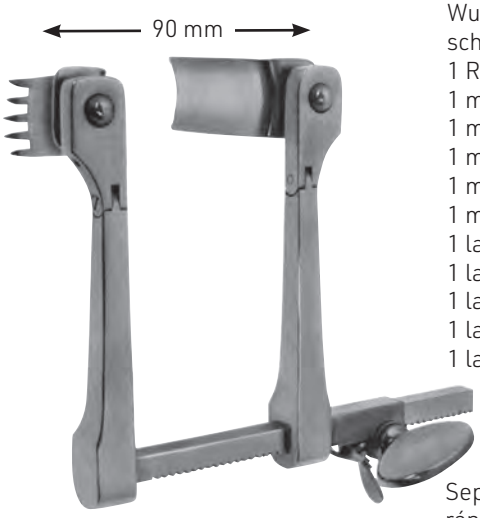
Pinza per il cambio delle valve a chiusura istantanea

CASPAR

026-440-090

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß, komplett, bestehend aus:
1 Rahmen (026-441-090)
1 medialen Valve 40 x 23 mm (026-443-040)
1 medialen Valve 45 x 23 mm (026-443-045)
1 medialen Valve 50 x 23 mm (026-443-050)
1 medialen Valve 55 x 23 mm (026-443-055)
1 medialen Valve 60 x 23 mm (026-443-060)
1 lateralen Valve 40 x 23 mm (026-445-040)
1 lateralen Valve 45 x 23 mm (026-445-045)
1 lateralen Valve 50 x 23 mm (026-445-050)
1 lateralen Valve 55 x 23 mm (026-445-055)
1 lateralen Valve 60 x 23 mm (026-445-060)

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:
1 Frame (026-441-090)
1 Medial valve 40 x 23 mm (026-443-040)
1 Medial valve 45 x 23 mm (026-443-045)
1 Medial valve 50 x 23 mm (026-443-050)
1 Medial valve 55 x 23 mm (026-443-055)
1 Medial valve 60 x 23 mm (026-443-060)
1 Lateral valve 40 x 23 mm (026-445-040)
1 Lateral valve 45 x 23 mm (026-445-045)
1 Lateral valve 50 x 23 mm (026-445-050)
1 Lateral valve 55 x 23 mm (026-445-055)
1 Lateral valve 60 x 23 mm (026-445-060)

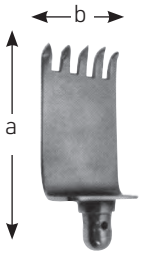


026-441-090

Rahmen mit Gelenkarmen, allein
Frame with articulated arms, only
Cuadro con brazos articulados, suelto
Telaio con braccio articolato, solo

Separador con brazos articulados y cierre rápido esférico, completo, compuesto de:
1 Cuadro (026-441-090)
1 Valva mediana 40 x 23 mm (026-443-040)
1 Valva mediana 45 x 23 mm (026-443-045)
1 Valva mediana 50 x 23 mm (026-443-050)
1 Valva mediana 55 x 23 mm (026-443-055)
1 Valva mediana 60 x 23 mm (026-443-060)
1 Valva lateral 40 x 23 mm (026-445-040)
1 Valva lateral 45 x 23 mm (026-445-045)
1 Valva lateral 50 x 23 mm (026-445-050)
1 Valva lateral 55 x 23 mm (026-445-055)
1 Valva lateral 60 x 23 mm (026-445-060)

Divaricatore con braccio articolato a chiusura istantanea, completo, composto da:
1 Telaio (026-441-090)
1 Valva media 40 x 23 mm (026-443-040)
1 Valva media 45 x 23 mm (026-443-045)
1 Valva media 50 x 23 mm (026-443-050)
1 Valva media 55 x 23 mm (026-443-055)
1 Valva media 60 x 23 mm (026-443-060)
1 Valva laterale 40 x 23 mm (026-445-040)
1 Valva laterale 45 x 23 mm (026-445-045)
1 Valva laterale 50 x 23 mm (026-445-050)
1 Valva laterale 55 x 23 mm (026-445-055)
1 Valva laterale 60 x 23 mm (026-445-060)



026-443-040
40 x 23 mm (a x b)

026-443-045
45 x 23 mm (a x b)

026-443-050
50 x 23 mm (a x b)

026-443-055
55 x 23 mm (a x b)

026-443-060
60 x 23 mm (a x b)

026-445-040
40 x 23 mm (a x b)

026-445-045
45 x 23 mm (a x b)

026-445-050
50 x 23 mm (a x b)

026-445-055
55 x 23 mm (a x b)

026-445-060
60 x 23 mm (a x b)

CASPAR

026-450-085 10,5 cm / 4 1/4"

←85 mm→

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß-komplett, bestehend aus:
1 Sperrer (026-451-085)
1 stumpfe Valve 45 x 23 mm (026-463-045)
1 stumpfe Valve 50 x 23 mm (026-463-050)
1 stumpfe Valve 55 x 23 mm (026-463-055)
1 stumpfe Valve 60 x 23 mm (026-463-060)
1 stumpfe Valve 65 x 23 mm (026-463-065)

Seperador con brazos articulados y cierre rápido esférico, completo compuesto de:
1 Separador (026-451-085)
1 Valva roma 45 x 23 mm (026-463-045)
1 Valva roma 50 x 23 mm (026-463-050)
1 Valva roma 55 x 23 mm (026-463-055)
1 Valva roma 60 x 23 mm (026-463-060)
1 Valva roma 65 x 23 mm (026-463-065)

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:
1 Spreader (026-451-085)
1 Blunt valve 45 x 23 mm (026-463-045)
1 Blunt valve 50 x 23 mm (026-463-050)
1 Blunt valve 55 x 23 mm (026-463-055)
1 Blunt valve 60 x 23 mm (026-463-060)
1 Blunt valve 65 x 23 mm (026-463-065)

Divaricatore con braccio articolato a chiusura istantanea, completo, composto da:
1 Divaricatore (026-451-085)
1 Valva smussa 45 x 23 mm (026-463-045)
1 Valva smussa 50 x 23 mm (026-463-050)
1 Valva smussa 55 x 23 mm (026-463-055)
1 Valva smussa 60 x 23 mm (026-463-060)
1 Valva smussa 65 x 23 mm (026-463-065)

026-451-085

Sperrer allein
Spreader only
Seperador suelto
Divaricatore solo

In Wirbelsäulen-Längsachse zu verwenden!
To be used for up and down retraction!
Ùtil para el eje longitudinal de la columna vertebra!
Da impiegarsi per la trazione e la compressione della colonna!

←90 mm→

CASPAR

026-460-090 16,5 cm / 6 1/2"

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß-komplett, bestehend aus:
1 Sperrer (026-461-090)
1 stumpfe Valve 45 x 23 mm (026-463-045)
1 stumpfe Valve 50 x 23 mm (026-463-050)
1 stumpfe Valve 55 x 23 mm (026-463-055)
1 stumpfe Valve 60 x 23 mm (026-463-060)
1 stumpfe Valve 65 x 23 mm (026-463-065)

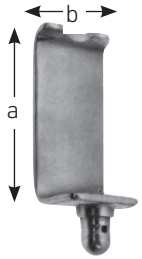
Seperador con brazos articulados y cierre rápido esférico, completo compuesto de:
1 Separador (026-461-090)
1 Valva roma 45 x 23 mm (026-463-045)
1 Valva roma 50 x 23 mm (026-463-050)
1 Valva roma 55 x 23 mm (026-463-055)
1 Valva roma 60 x 23 mm (026-463-060)
1 Valva roma 65 x 23 mm (026-463-065)

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:
1 Spreader (026-461-090)
1 Blunt valve 45 x 23 mm (026-463-045)
1 Blunt valve 50 x 23 mm (026-463-050)
1 Blunt valve 55 x 23 mm (026-463-055)
1 Blunt valve 60 x 23 mm (026-463-060)
1 Blunt valve 65 x 23 mm (026-463-065)

Divaricatore con braccio articolato a chiusura istantanea, completo, composto da:
1 Divaricatore (026-461-090)
1 Valva smussa 45 x 23 mm (026-463-045)
1 Valva smussa 50 x 23 mm (026-463-050)
1 Valva smussa 55 x 23 mm (026-463-055)
1 Valva smussa 60 x 23 mm (026-463-060)
1 Valva smussa 65 x 23 mm (026-463-065)

026-461-090

Sperrer allein
Spreader only
Seperador suelto
Divaricatore solo



026-463-045
45 x 23 mm (a x b)

026-463-050
50 x 23 mm (a x b)

026-463-055
55 x 23 mm (a x b)

026-463-060
60 x 23 mm (a x b)

026-463-065
65 x 23 mm (a x b)

026-465-050
50 x 25 mm (a x b)

026-465-060
60 x 25 mm (a x b)

Wundspreizer für die lumbale Wirbelsäule
Retractors for lumbar spine
Separadores para la columna lumbar
Divaricatori per colonna lombo

Oberfläche geschwärzt
Surface black-finish
Superficie negra
Superfice nera

026-471-060

Rahmen mit Gelenkarmen, allein
Frame with articulated arms, only
Cuadro con brazos articulados, suelto
Relaio con braccio articolato, solo

CASPAR

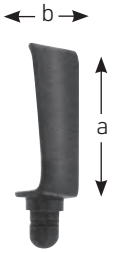
026-470-060

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß-komplett, bestehend aus:
1 Rahmen (026-471-060)
1 Seitenvalve 35 x 12 mm (026-473-035)
1 Seitenvalve 40 x 13 mm (026-473-040)
1 Seitenvalve 45 x 13 mm (026-473-045)
1 Seitenvalve 50 x 14 mm (026-473-050)
1 Seitenvalve 55 x 14 mm (026-473-055)
1 Seitenvalve 60 x 15 mm (026-473-060)

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:
1 Frame (026-461-060)
1 Lateral valve 35 x 12 mm (026-473-035)
1 Lateral valve 40 x 13 mm (026-473-040)
1 Lateral valve 45 x 13 mm (026-473-045)
1 Lateral valve 50 x 14 mm (026-473-050)
1 Lateral valve 55 x 14 mm (026-473-055)

Seperador con brazos articulados y cierre rápido esférico, completo compuesto de:
1 Cuadro (026-471-060)
1 Valva lateral 35 x 12 mm (026-473-035)
1 Valva lateral 40 x 13 mm (026-473-040)
1 Valva lateral 45 x 13 mm (026-473-045)
1 Valva lateral 50 x 14 mm (026-473-050)
1 Valva lateral 55 x 14 mm (026-473-055)
1 Valva lateral 60 x 15 mm (026-473-060)

Divaricatore con braccio articolato a chiusura istantanea, completo, composto da:
1 Telaio (026-461-060)
1 Valva laterale 35 x 12 mm (026-473-035)
1 Valva laterale 40 x 13 mm (026-473-040)
1 Valva laterale 45 x 13 mm (026-473-045)
1 Valva laterale 50 x 14 mm (026-473-050)
1 Valva laterale 55 x 14 mm (026-473-055)



026-473-035
35 x 12 mm (a x b)

026-473-040
40 x 13 mm (a x b)

026-473-045
45 x 13 mm (a x b)

026-473-050
50 x 14 mm (a x b)

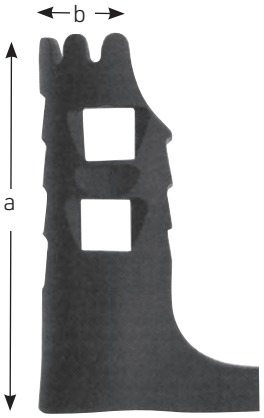
026-473-055
55 x 14 mm (a x b)

026-473-060
60 x 15 mm (a x b)

Oberfläche geschwärzt
Surface black-finish
Superficie negra
Superfice nera

CASPAR

026-481-040 - 026-481-060 15,0 cm / 6“



026-481-040
40 x 18 mm (a x b)

026-481-045
45 x 18 mm (a x b)

026-481-050
50 x 18 mm (a x b)

026-481-055
55 x 18 mm (a x b)

026-481-060
60 x 18 mm (a x b)

Spreizweite 18 mm
Blade opening 18 mm
Abertura de la hoja 18 mm
Apertura lame 18 mm

CLOWARD

026-491-130 13,0 cm / 5 1/8"

Spreizweite 18 mm
Blade opening 18 mm
Abertura de la hoja 18 mm
Apertura lame 18 mm

CLOWARD

026-493-160 16,0 cm / 6 1/4"

Spreizweite 38 mm
Blade opening 38 mm
Abertura de la hoja 38 mm
Apertura lame 38 mm

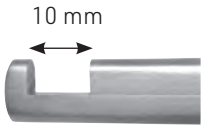
INGE

026-495-160 16,0 cm / 6 1/4"

INGE

026-497-270 27,0 cm / 10 1/2"

KERRISON



90°

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	**026-550-001**	**026-550-002**	**026-550-003**	**026-550-004**	**026-550-005**	**026-550-006**
200 mm	**026-552-001**	**026-552-002**	**026-552-003**	**026-552-004**	**026-552-005**	**026-552-006**
230 mm	–	**026-554-002**	**026-554-003**	**026-554-004**	**026-554-005**	–

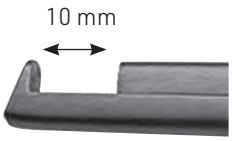
Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para laminectomìa
Pinze per laminectomia

nicht zerlegbar
non detachable
non desmontable
non smontabile

Dünnfüß (Mikro)
Thin footplate (Micro)
Lámin de punzonar estrecha (Micro)
Battente sottile (Micro)

Kleiner Griff
Small handle
Mango pegueno
Manico piccolo

KERRISON



90°

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	**026-560-002**	**026-560-003**	**026-560-004**	**026-560-005**	**026-560-006**
200 mm	**026-562-002**	**026-562-003**	**026-562-004**	**026-562-005**	**026-562-006**
230 mm	**026-564-002**	**026-564-003**	**026-564-004**	**026-564-005**	–

10 mm

KERRISON

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	**026-570-001**	**026-570-002**	**026-570-003**	**026-570-004**	**026-570-005**	**026-570-006**
200 mm	**026-572-001**	**026-572-002**	**026-572-003**	**026-572-004**	**026-572-005**	**026-572-006**
230 mm	-	**026-574-002**	**026-574-003**	**026-574-004**	**026-574-005**	-

10 mm

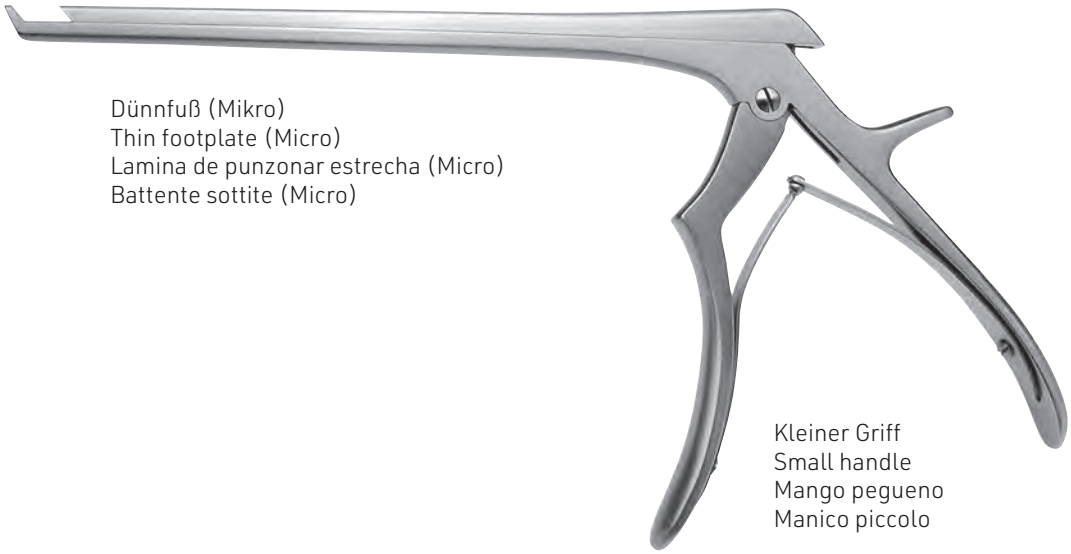
130° (40°)

mit Auswerfer
with ejector
con expulsor
con espulsore

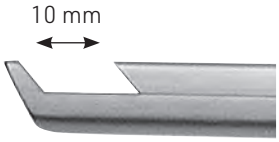
Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso		
	3 mm	4 mm	5 mm
180 mm	-	**026-580-004**	**026-580-005**
200 mm	**026-582-003**	**026-582-004**	**026-582-005**

Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para laminectomìa
Pinze per laminectomia

nicht zerlegbar
non detachable
non desmontable
non smontabile

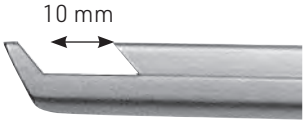


KERRISON



130° (40°)

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	**026-590-002**	**026-590-003**	**026-590-004**	**026-590-005**	**026-590-006**
200 mm	**026-592-002**	**026-592-003**	**026-592-004**	**026-592-005**	**026-592-006**
230 mm	**026-594-002**	**026-594-003**	**026-594-004**	**026-594-005**	**-**



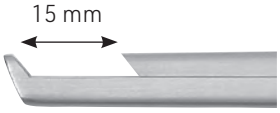
130° (40°)

mit Auswerfer
with ejector
con expulsor
con espulsore

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso		
	3 mm	4 mm	5 mm
180 mm	**026-600-003**	**026-600-004**	**026-600-005**
200 mm	**026-602-003**	**026-602-004**	**026-602-005**

Kleiner Griff
Small handle
Mango pegueno
Manico piccolo

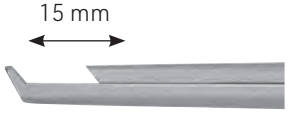
KERRISON



130° (40°)

Standardfuß
Standard footplate
Lámin de punzonar standard
Battente standard

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	2 mm	3 mm	4 mm	5 mm
200 mm	**026-612-002**	**026-612-003**	**026-612-004**	**026-612-005**

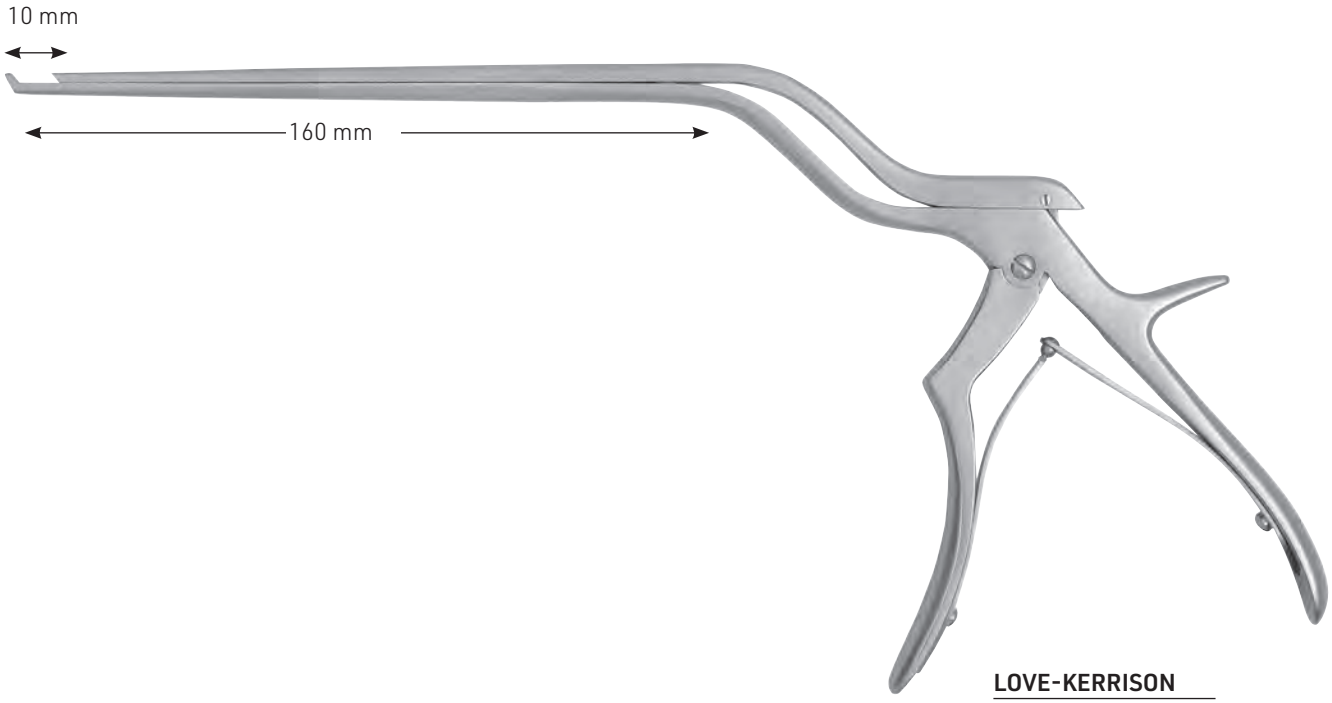


130° (40°)

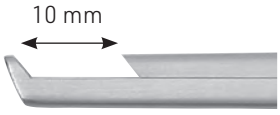
Dünnfuß (Mikro)
Thin footplate (Micro)
Lámina de punzonar estrecha (Micro)
Battente sottile

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	2 mm	3 mm	4 mm	5 mm
180 mm	**026-620-002**	**026-620-003**	-	-
200 mm	**026-622-002**	**026-622-003**	**026-622-004**	**026-622-005**

Laminektomie-Stanzen — nicht zerlegbar
Laminectomy Punches — non detachable
Pinzas cortantes para laminectomìa — non desmontable
Pinze per laminectomia — non smontabile



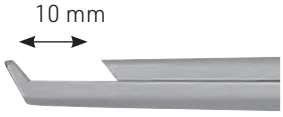
LOVE-KERRISON



130° (40°)

Standardfuß
Standard footplate
Lámin de punzonar standard
Battente standard

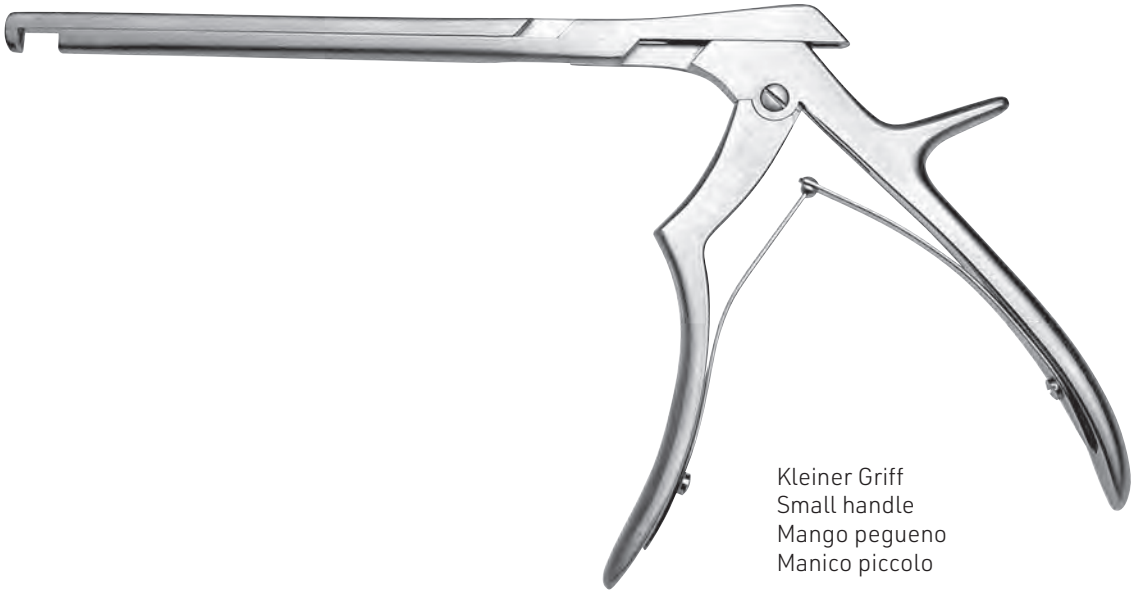
Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	2 mm	3 mm	4 mm	5 mm
160 mm	**026-630-002**	**026-630-003**	**026-630-004**	**026-630-005**



130° (40°)

Dünnfuß (Mikro)
Thin footplate (Micro)
Lámina de punzonar estrecha (Micro)
Battente sottile

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	2 mm	3 mm	4 mm	5 mm
160 mm	**026-640-002**	**026-640-003**	**026-640-004**	**026-640-005**



Kleiner Griff
Small handle
Mango pegueno
Manico piccolo

KERRISON

10 mm

90°

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	**026-650-002**	**026-650-003**	**026-650-004**	**026-650-005**	**026-650-006**
200 mm	**026-652-002**	**026-652-003**	**026-652-004**	**026-652-005**	**026-652-006**

Laminektomie-Stanzen — nicht zerlegbar
Laminectomy Punches — non detachable
Pinzas cortantes para laminectomìa — non desmontable
Pinze per laminectomia — non smontabile

KERRISON

10 mm

130° (40°)

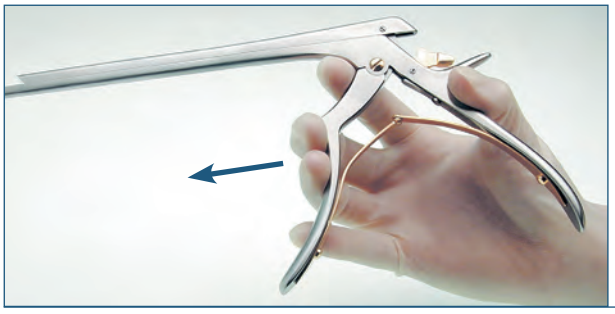
Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	2 mm	3 mm	4 mm	5 mm
180 mm	**026-670-002**	**026-670-003**	**026-670-004**	**026-670-005**

- **ein Teil**
- **einfach zu demontieren**
- **einfach zu reinigen**
- **einfach zusammenzufügen**

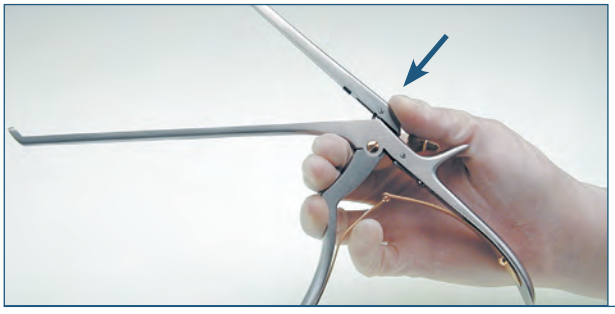
Demontage
Disassembly

Zuerst den Griff schließen ...
First close the handle ...

dann den Riegel nach unten drücken ...
than push the lever downwards ...



nun den Griff wieder öffnen ...
now open the handle ...

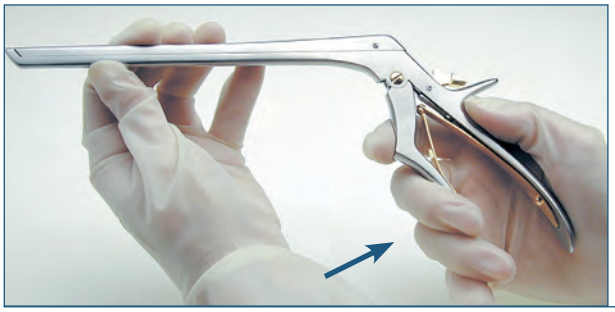


und hinten auf den Schaft drücken.
and push downwards at the end of shaft.

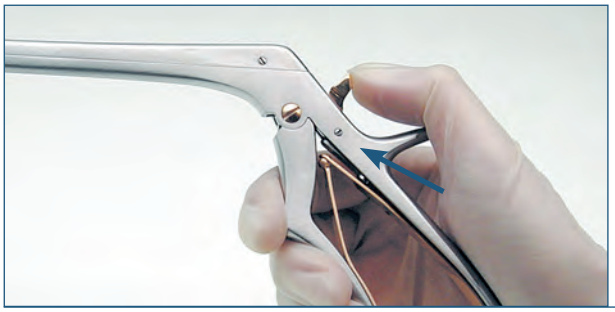
- one piece
- easy to disassemble
- easy to clean
- easy to assemble

Zusammenfügen
Assembly

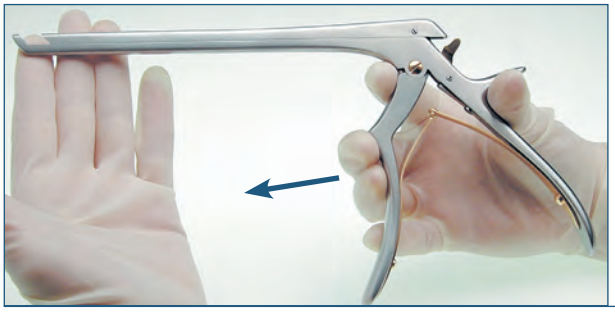
Zuerst Schaftteile ineinandersetzen ...
First push shaft parts into one other ...



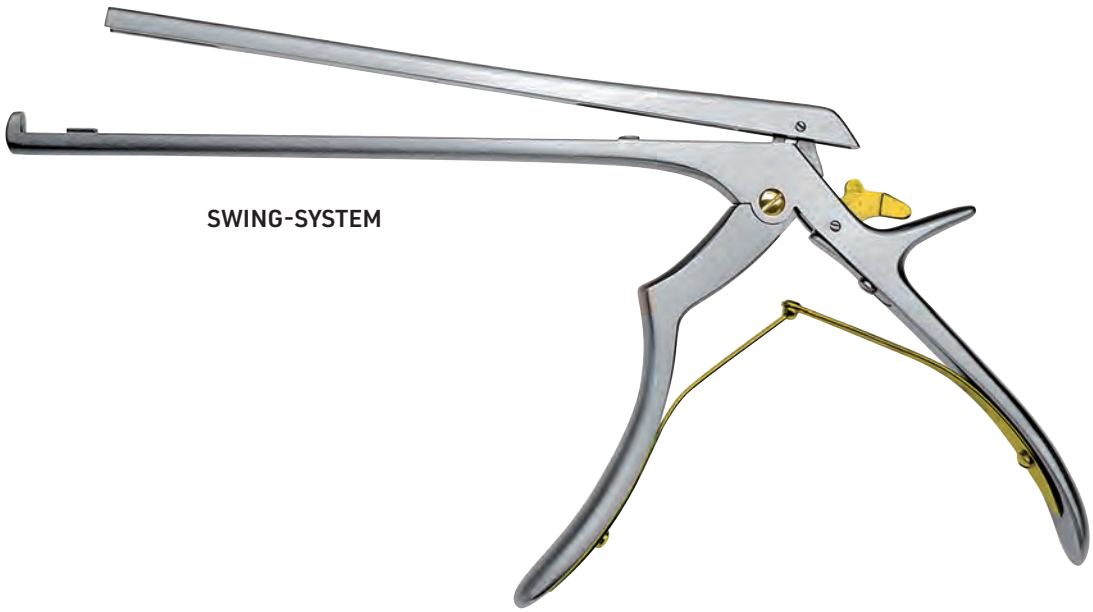
dann den Griff schließen ...
than close the handle ...



nun den Riegel nach oben drücken ...
now push the lever upwards ...

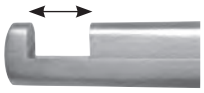


und den Griff wieder öffnen.
and finally open the handle.



KERRISON

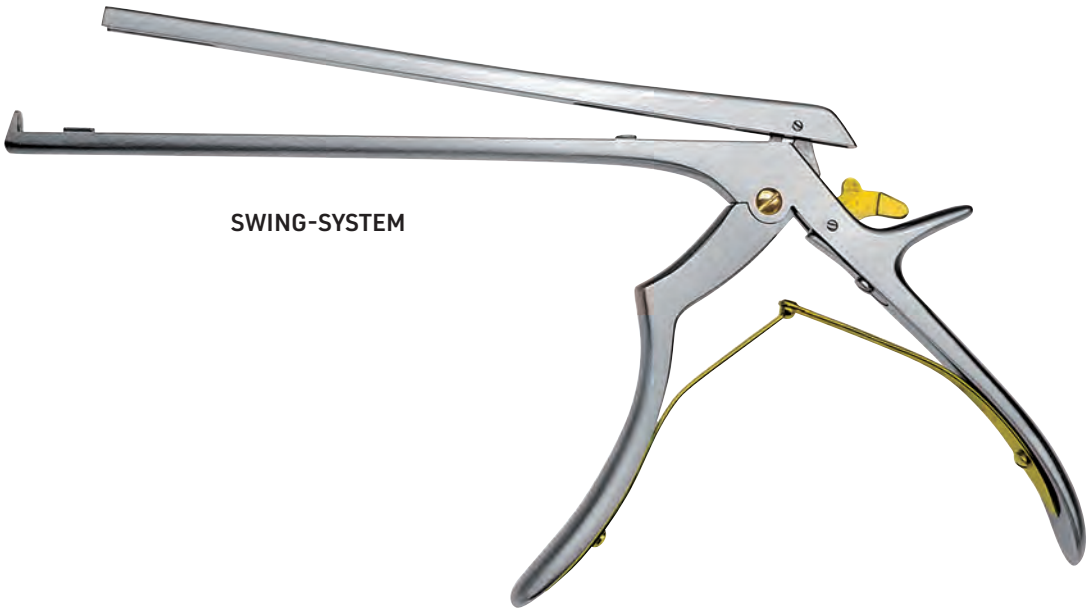
10 mm



90°

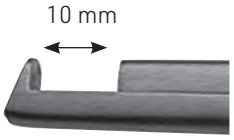
Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso					
		2 mm	3 mm	4 mm	5 mm	6 mm
180 mm		-	-	-	-	**026-700-006**
200 mm		**026-702-002**	**026-702-003**	**026-702-004**	**026-702-005**	**026-702-006**
230 mm		**026-704-002**	-	**026-704-004**	**026-704-005**	**026-704-006**

Laminektomie-Stanzen zerlegbar
Laminectomy Punches detachable
Pinzas cortantes para laminectomìa desmontable
Pinze per laminectomia smontabile



SWING-SYSTEM

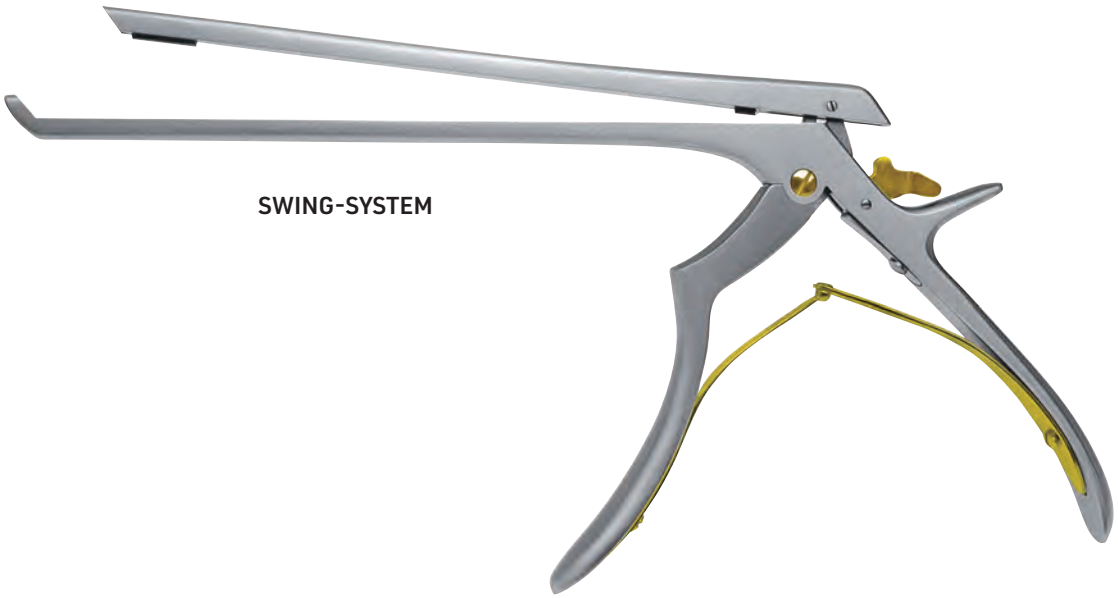
KERRISON



90°

Dünnfuß (Mikro)
Thin footplate (Micro)
Lámina de punzonar estrecha (Micro)
Battente sottile

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	**026-710-002**	**026-710-003**	**026-710-004**	**026-710-005**	**026-710-006**
200 mm	**026-712-002**	**026-712-003**	**026-712-004**	**026-712-005**	**026-712-006**
230 mm	**026-714-002**	**026-714-003**	**026-714-004**	**026-714-005**	**026-714-006**



KERRISON

10 mm

130° (40°)

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso					
		2 mm	3 mm	4 mm	5 mm	6 mm
180 mm		**026-720-002**	**026-720-003**	**026-720-004**	**026-720-005**	**026-720-006**
200 mm		**026-722-002**	**026-722-003**	**026-722-004**	**026-722-005**	**-**
230 mm		**026-724-002**	**026-724-003**	**026-724-004**	**-**	**026-724-006**

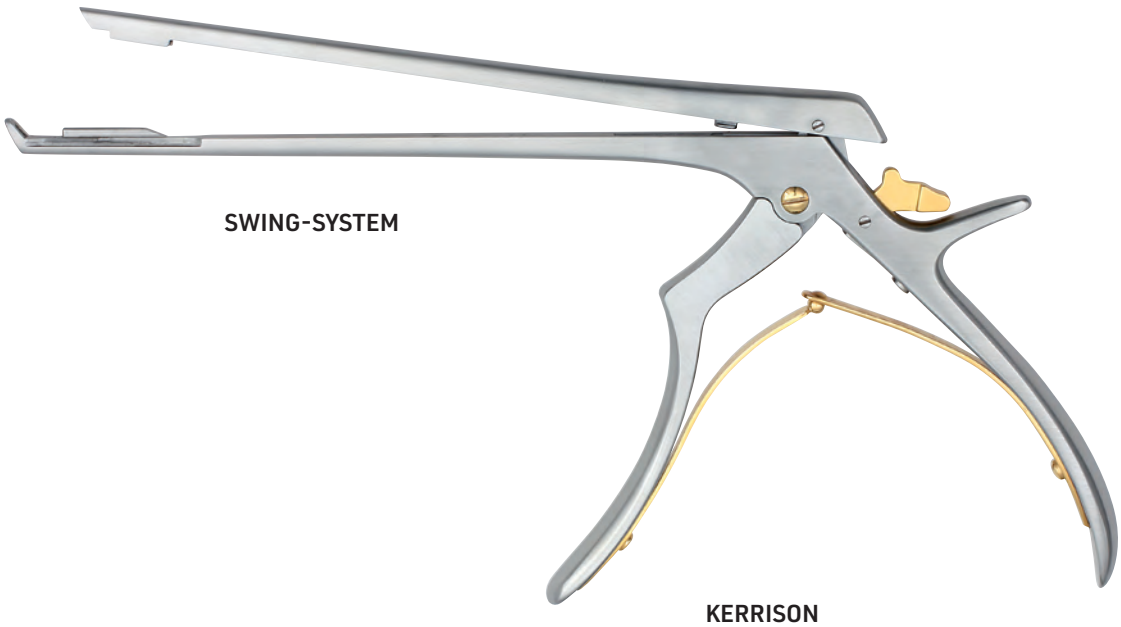
10 mm

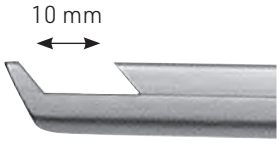
130° (40°)

mit Auswerfer
with ejector
con expulsor
con espulsore

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	3 mm	4 mm	5 mm	6 mm
180 mm	**026-730-003**	**026-730-004**	**026-730-005**	**026-730-006**
200 mm	**026-732-003**	**026-732-004**	**026-732-005**	**026-732-006**
230 mm	**026-734-003**	**-**	**026-734-005**	**026-734-006**

Laminektomie-Stanzen zerlegbar
Laminectomy Punches detachable
Pinzas cortantes para laminectomìa desmontable
Pinze er laminectomia smontabile

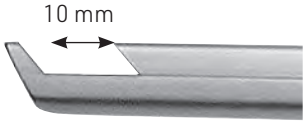




130° (40°)

Dünnfuß (Mikro)
Thin footplate (Micro)
Lámina de punzonar estrecha (Micro)
Battente sottile

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso					
		2 mm	3 mm	4 mm	5 mm	6 mm
180 mm		**026-740-002**	**026-740-003**	**026-740-004**	**026-740-005**	**026-740-006**
200 mm		-	**026-742-003**	-	**026-742-005**	**026-742-006**
230 mm		**026-744-002**	-	**026-744-004**	**026-744-005**	**026-744-006**



130° (40°)

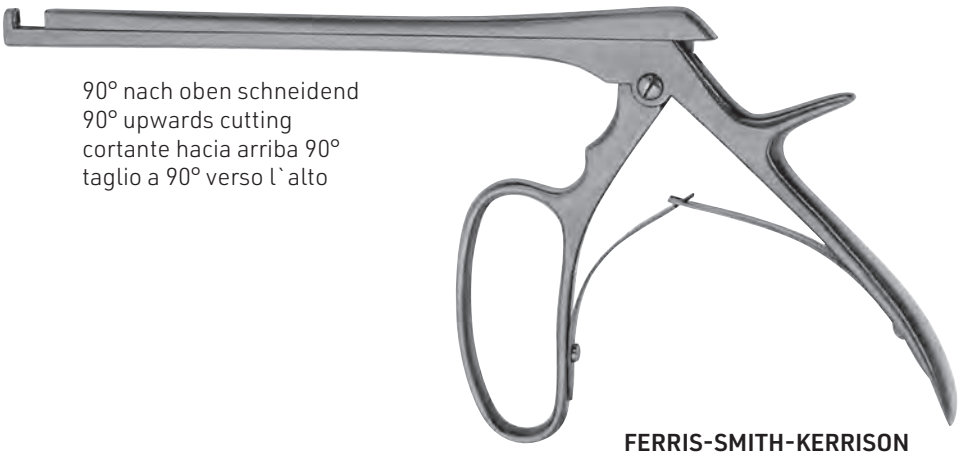
Dünnfuß (Mikro)
Thin footplate (Micro)
Lámina de punzonar estrecha (Micro)
Battente sottile

mit Auswerfer
with ejector
con expulsor
con espulsore

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	3 mm	4 mm	5 mm	6 mm
180 mm	**026-750-003**	**026-750-004**	**026-750-005**	**026-750-006**
200 mm	-	-	**026-752-005**	**026-752-006**
230 mm	**026-754-003**	**026-754-004**	**026-754-005**	**026-754-006**

180 mm

90° nach oben schneidend
90° upwards cutting
cortante hacia arriba 90°
taglio a 90° verso l`alto

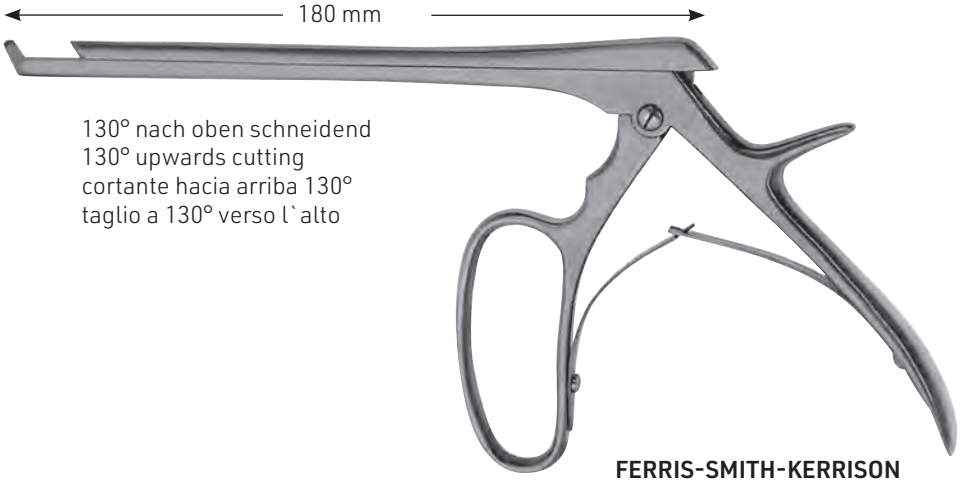


FERRIS-SMITH-KERRISON

026-790-005 5,0 mm

180 mm

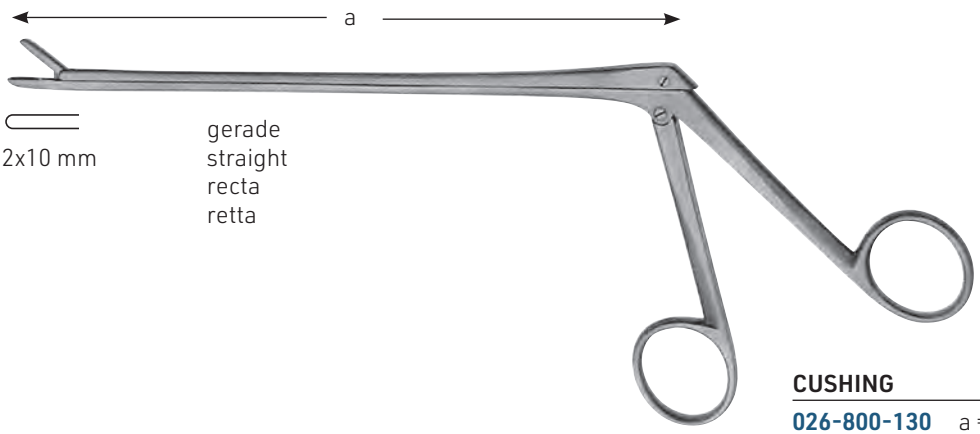
130° nach oben schneidend
130° upwards cutting
cortante hacia arriba 130°
taglio a 130° verso l`alto



FERRIS-SMITH-KERRISON

a = 180 mm	a = 200 mm	
026-792-005	**026-794-005**	5,0 mm

Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomìa
Pinze per laminectomia

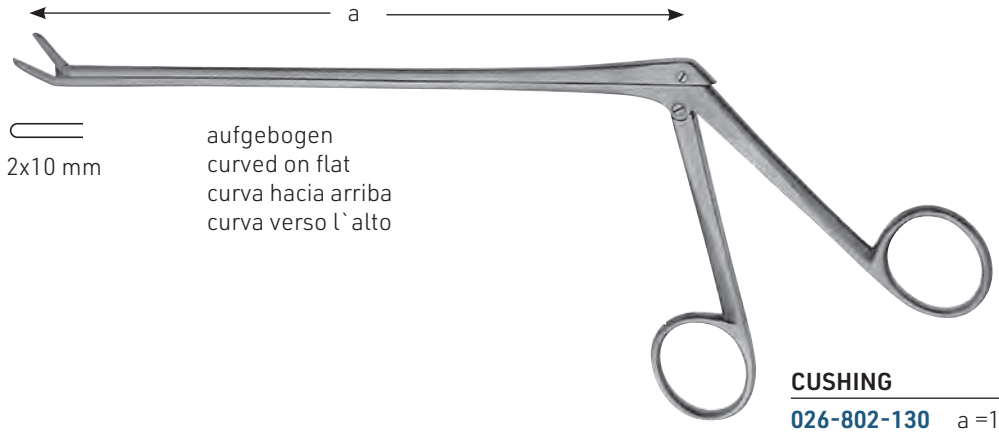


2x10 mm

gerade
straight
recta
retta

CUSHING

026-800-130	a =130 mm
026-800-150	a = 150 mm
026-800-180	a = 180 mm

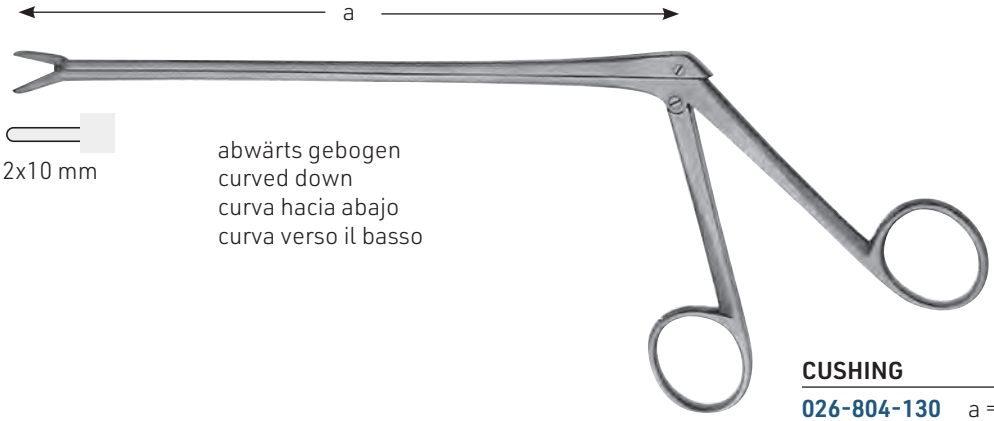


2x10 mm

aufgebogen
curved on flat
curva hacia arriba
curva verso l`alto

CUSHING

026-802-130	a =130 mm
026-802-150	a = 150 mm
026-802-180	a = 180 mm

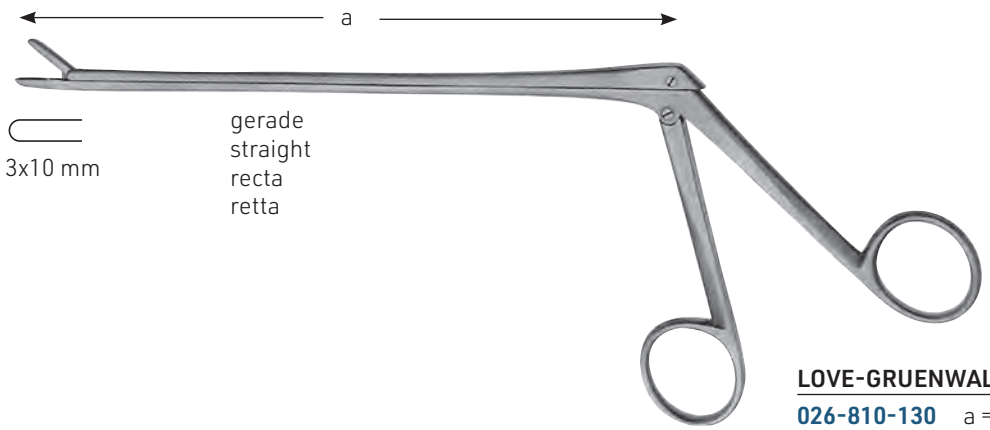


2x10 mm

abwärts gebogen
curved down
curva hacia abajo
curva verso il basso

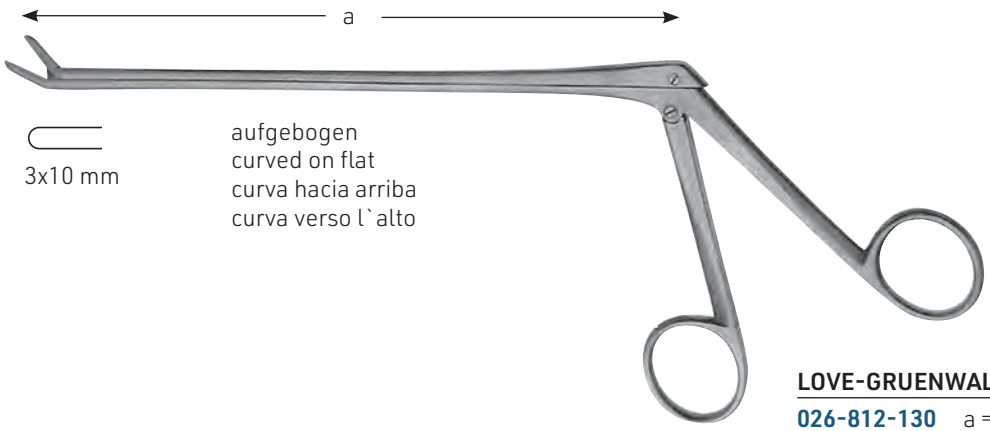
CUSHING

026-804-130	a =130 mm
026-804-150	a = 150 mm
026-804-180	a = 180 mm



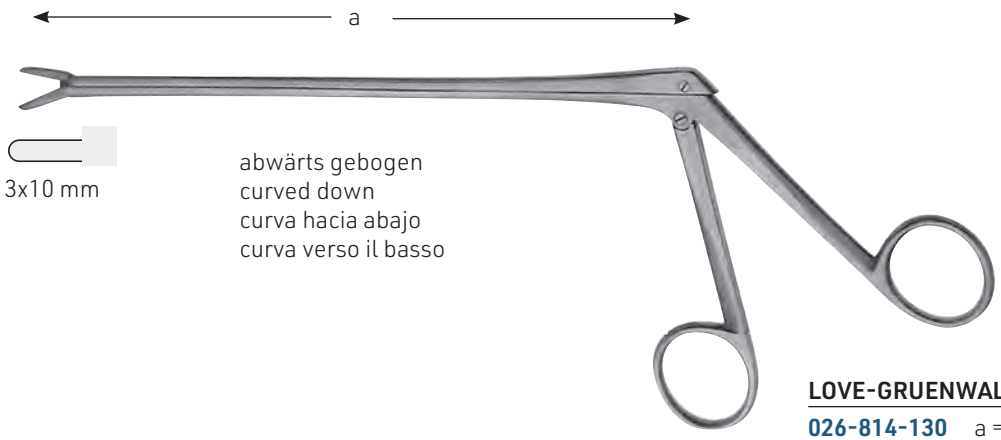
LOVE-GRUENWALD

026-810-130	a =130 mm
026-810-150	a = 150 mm
026-810-180	a = 180 mm



LOVE-GRUENWALD

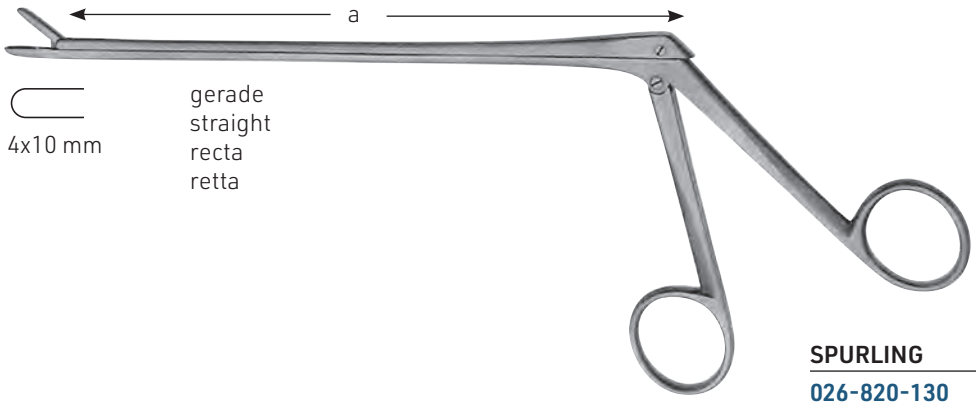
026-812-130	a =130 mm
026-812-150	a = 150 mm
026-812-180	a = 180 mm



LOVE-GRUENWALD

026-814-130	a =130 mm
026-814-150	a = 150 mm
026-814-180	a = 180 mm

Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomìa
Pinze per laminectomia

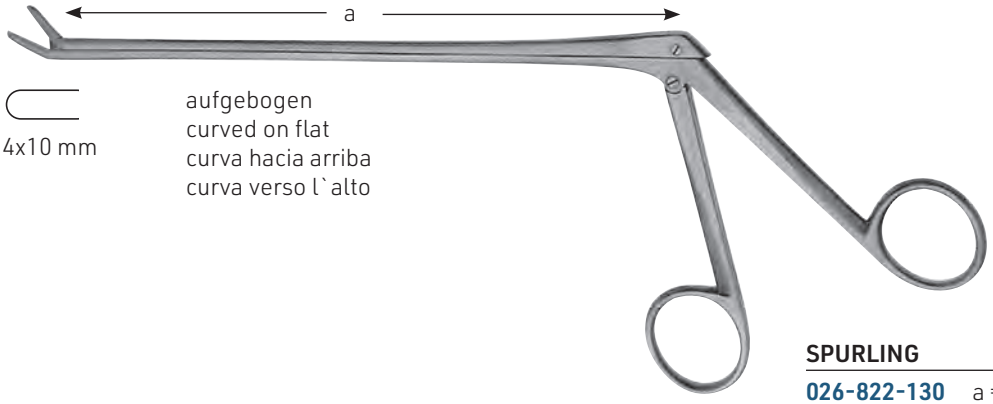


4x10 mm

gerade
straight
recta
retta

SPURLING

026-820-130	a =130 mm
026-820-150	a = 150 mm
026-820-180	a = 180 mm



4x10 mm

aufgebogen
curved on flat
curva hacia arriba
curva verso l`alto

SPURLING

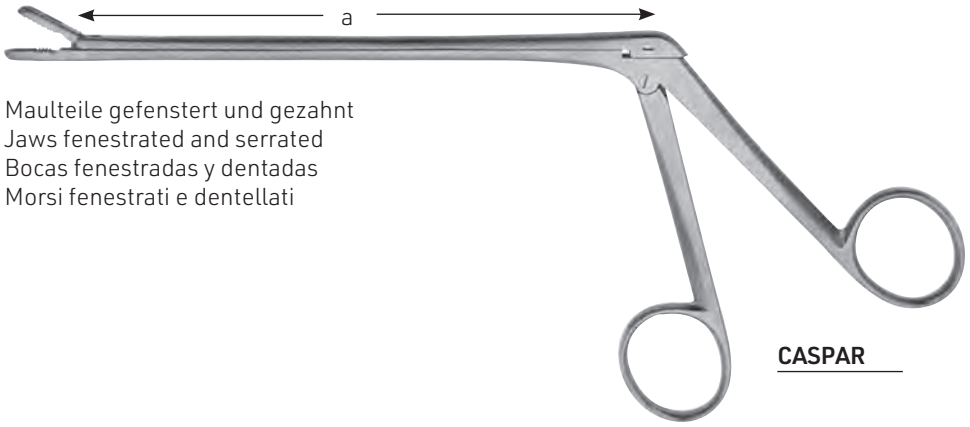
026-822-130	a =130 mm
026-822-150	a = 150 mm
026-822-180	a = 180 mm

4x10 mm

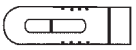
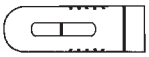
abwärts gebogen
curved down
curva hacia abajo
curva verso il basso

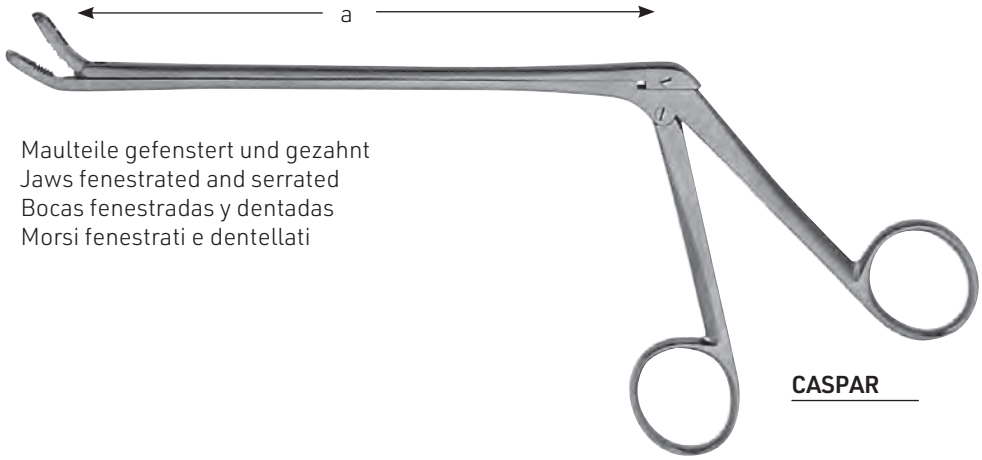
SPURLING

026-824-130	a =130 mm
026-824-150	a = 150 mm
026-824-180	a = 180 mm



Maulteile gefenstert und gezahnt
Jaws fenestrated and serrated
Bocas fenestradas y dentadas
Morsi fenestrati e dentellati

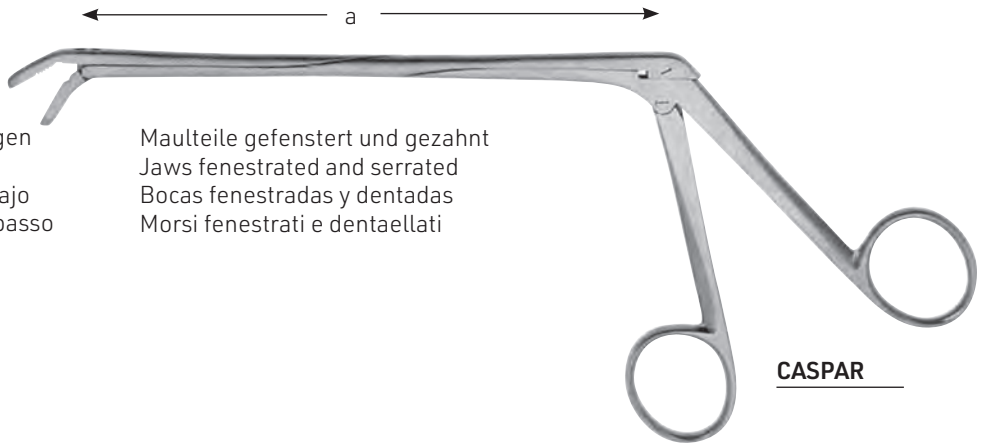
Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso				
					
	2,0 x 12,0 mm	3,0 x 12,0 mm	4,0 x 14,0 mm	5,0 x 14,0 mm	6,0 x 16,0 mm
a = 140 mm	**026-830-140**	**026-832-140**	**026-834-140**	-	-
a = 160 mm	**026-830-160**	**026-832-160**	**026-834-160**	**026-836-160**	**026-838-160**
a = 185 mm	**026-830-185**	**026-832-185**	**026-834-185**	**026-836-185**	**026-838-185**



Maulteile gefenstert und gezahnt
Jaws fenestrated and serrated
Bocas fenestradas y dentadas
Morsi fenestrati e dentellati

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso		
	3,0 x 12,0 mm	4,0 x 14,0 mm	5,0 x 14,0 mm
a = 140 mm	**026-842-140**	**026-844-140**	-
a = 160 mm	**026-842-160**	**026-844-160**	**026-846-160**
a = 185 mm	**026-842-185**	**026-844-185**	**026-846-185**

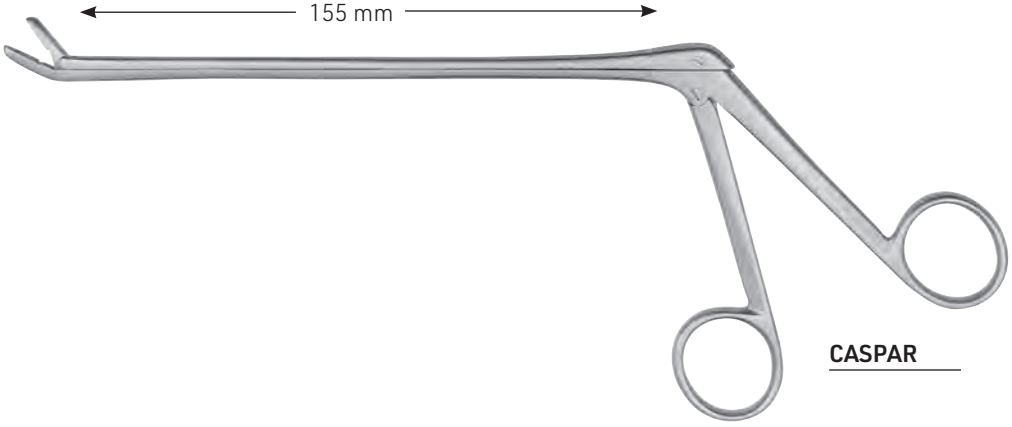
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomìa
Pinze per laminectomia



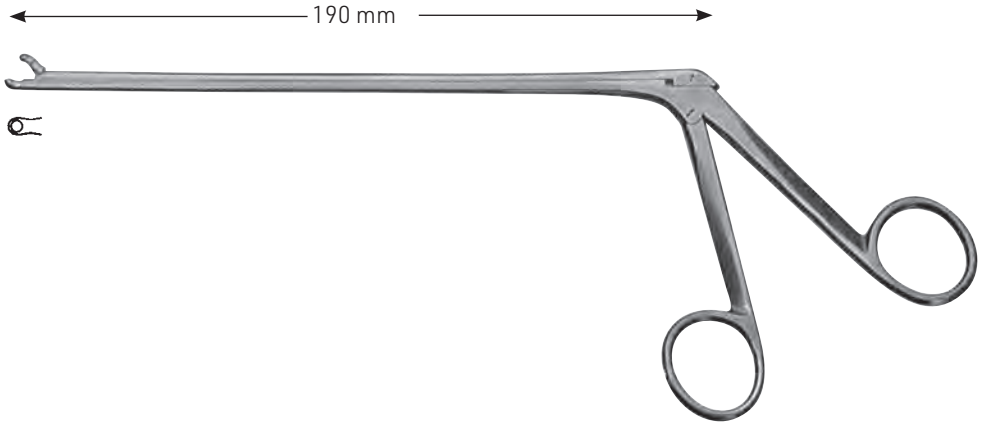
abwärts gebogen
curved down
curva hacia abajo
curva verso il basso

Maulteile gefenstert und gezahnt
Jaws fenestrated and serrated
Bocas fenestradas y dentadas
Morsi fenestrati e dentaellati

Schaftlänge Length of shaft Longitud del vástago Lunghezza dell`asta	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso	
	3,0 x 12,0 mm	4,0 x 14,0 mm
a = 140 mm	**026-852-140**	**026-854-140**
a = 160 mm	**026-852-160**	**026-854-160**
a = 185 mm	**026-852-185**	**026-854-185**

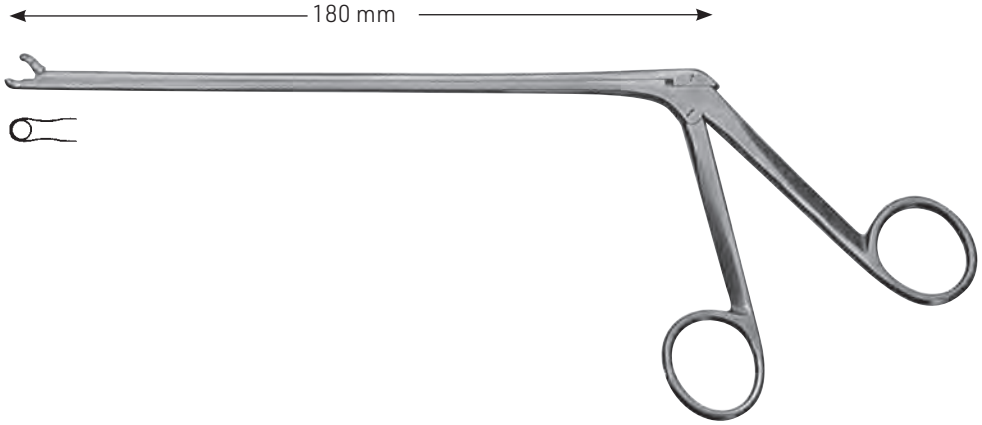


	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso			
	2,0 x 12,0 mm	3,0 x 13,0 mm	4,0 x 14,0 mm	5,0 x 14,0 mm
	-	**026-860-003**	**026-860-004**	**026-860-005**
	026-862-002	**026-862-003**	**026-862-004**	-
	-	**026-864-003**	**026-864-004**	**026-864-005**



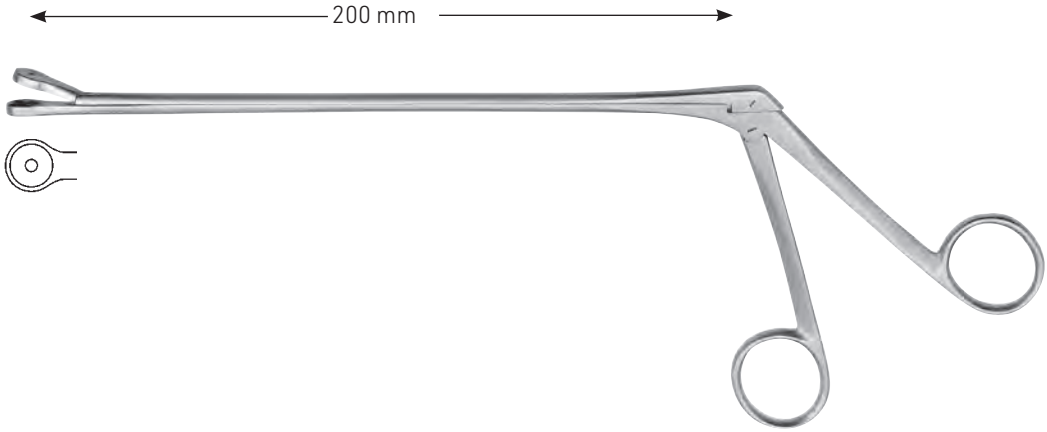
YASARGIL

026-870-180 Ø 2,2 mm



OLDBERG

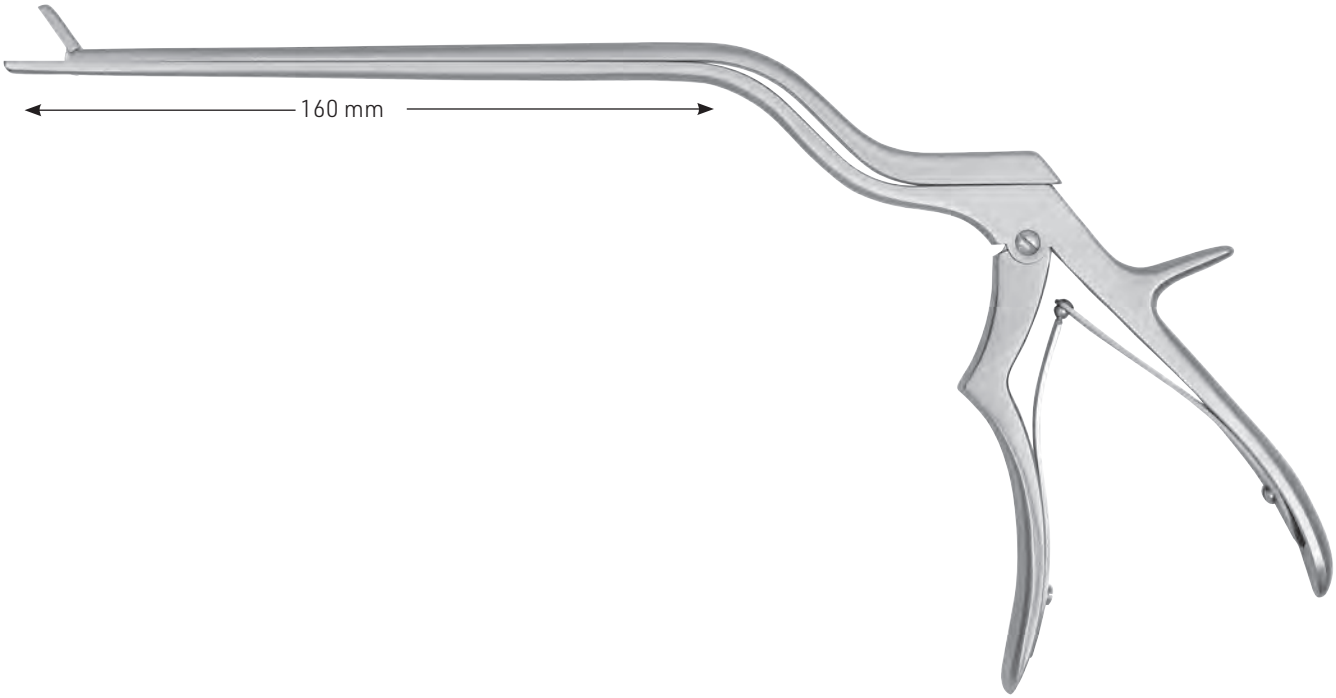
026-872-180 Ø 3,5 mm



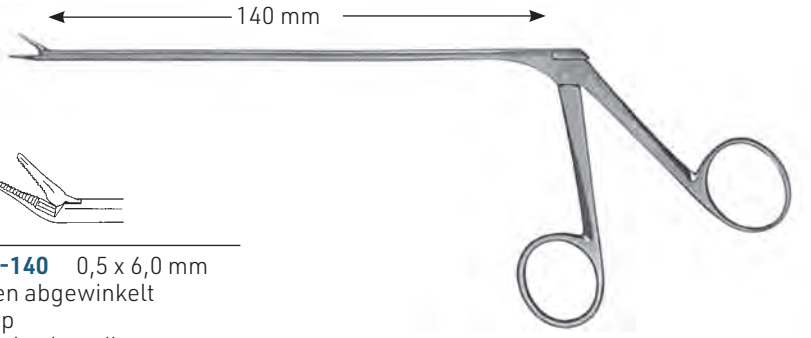
LANDOLT

026-874-200 Ø 9,0 mm

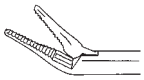
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomìa
Pinze per laminectomia



	Bissbreite / Width of bite / Anchura de la boca / Larghezza del morso		
	2,0 x 8,0 mm	3,0 x 9,0mm	4,0 x 10,0 mm
	026-880-002	**026-880-003**	**026-880-004**
	026-882-002	**026-882-003**	**026-882-004**



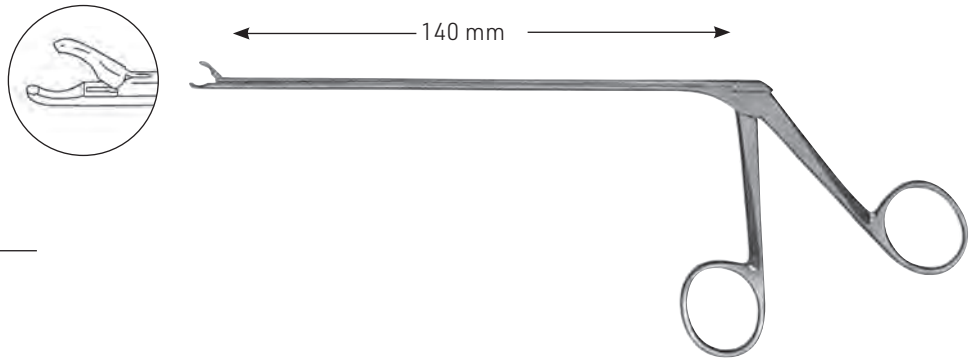
026-900-140 0,5 x 6,0 mm
gerade
straight
recta
retta



026-901-140 0,5 x 6,0 mm
nach oben abgewinkelt
angled up
angulada hacia arriba
angolata in alto

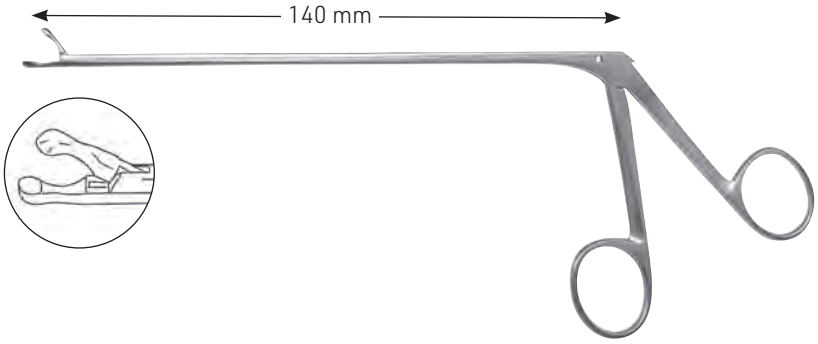
026-903-140 0,5 x 6,0 mm
nach rechts gebogen
curved to right
curva a la derecha
curve a destra

026-905-140 0,5 x 6,0 mm
nach links gebogen
curved to left
curva a la izquierda
curve a sinistra



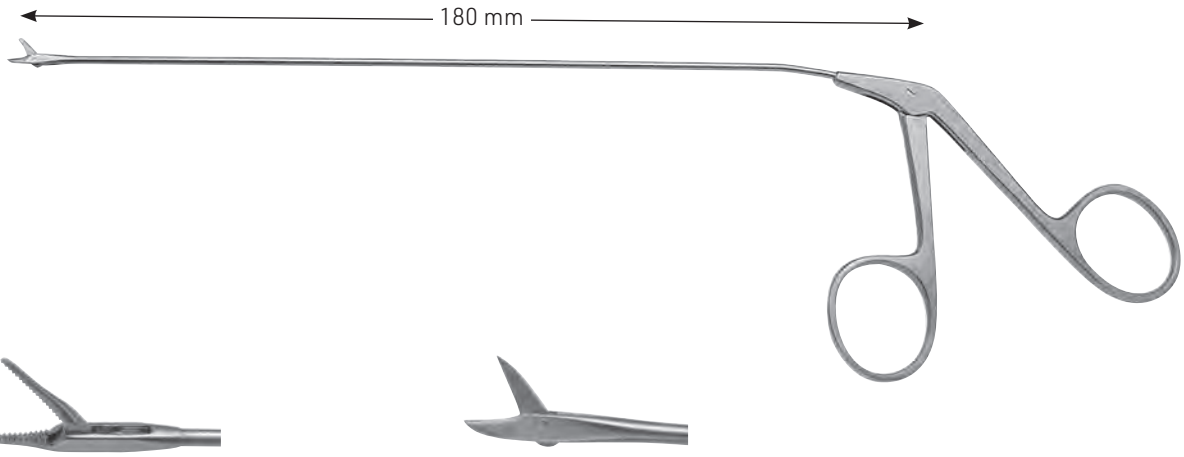
026-910-140 0,5 mm
026-920-140 1,0 mm
gerade
straight
recta
retta

Mikro-Zangen für Neurochirurgie
Micro Forceps for Neurosurgery
Micro Pinzas para Neurocirugía
Micro Pinze per Neurochirurgia



026-930-140 Ø 2,0 mm

026-932-140 Ø 3,0 mm



YASARGIL

026-940-180 Ø 2,0 mm

NICOLA

026-942-180 Ø 2,0 mm

NICOLA

026-944-180 Ø 2,0 mm