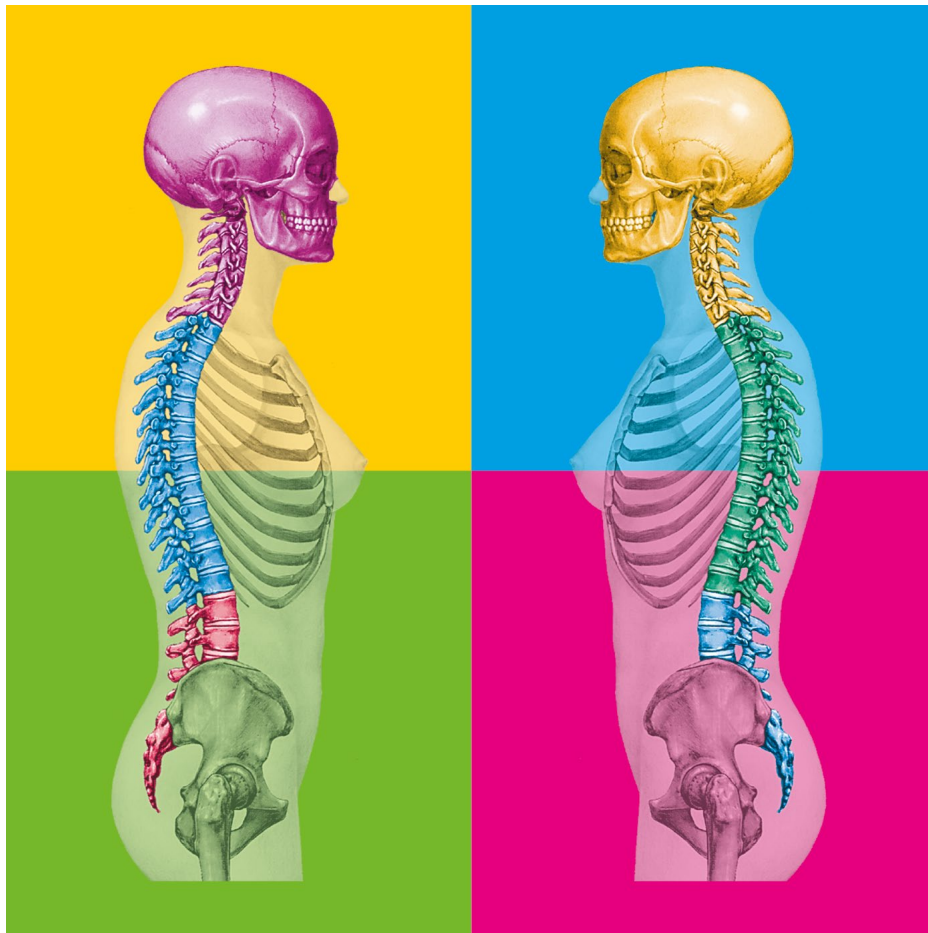




**MIKRO CHIRURGIE
MICRO SURGERY
CIRUGIA MICRO
CHIRURGIE MICRO**

ELCON
MEDICAL INSTRUMENTS GmbH

ELCON

MIC 1 - MIC 71

MIKRO - CHIRURGIE MICRO SURGERY CHIRURGIA MICRO CHIRURGIE MICRO



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Los numeros de articulos mostrados en gris indican productos „distribuidos por ELCON“

Les numéros d'articles affichés en gris indiquent les produits „distribués par ELCON“



malleable

HEIFETZ	200mm
342-220	14 x 100mm
342-221	17 x 100mm
342-222	20 x 100mm



malleable

HEIFETZ	155mm
342-210	8 x 100mm
342-211	11 x 100mm
342-212	14 x 100mm
342-213	17 x 100mm



malleable

SCOVILLE	200mm
342-230	9 + 12mm
342-231	16 + 19mm



malleable

AACHEN	200mm
342-261	7 + 8mm
342-262	10 + 11mm
342-263	13 + 14mm
342-264	16 + 17mm
342-265	19 + 20mm
342-266	22 + 25mm



malleable

CUSHING	
342-240	13 + 19mm
170mm	
342-242	16 + 25mm
200mm	



malleable

OLIVERCRONA	180mm
straight	
342-200	7 + 9mm
342-202	11 + 13mm
342-204	15 + 18mm
342-206	18 + 22mm

bayonett	
342-201	7 + 9mm
342-203	11 + 13mm
342-205	15 + 18mm
342-207	18 + 22mm



malleable

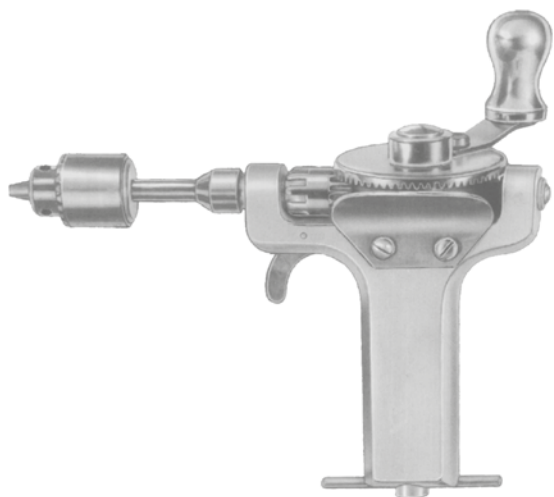
DAVIS	
nickel-silver	
342-250	6 x 180mm
342-251	9 x 180mm
342-252	12 x 180mm
342-253	16 x 180mm
342-254	19 x 180mm
342-255	25 x 180mm
342-256	32 x 180mm
342-257	38 x 180mm

BUNNEL

412-500

Hand Drill with 3-jaw chuck and key, to fit any size of shanks up to Ø 4,0mm, cannulated for taking wires and nails.

Length: 160mm / 6 1/4"



412-501

Key for small 3-jaw chuck



412-510

275mm, 10 1/4"

Spindel längsdurchbohrt, Spannweite bis 6,00mm
Cannulated spindle for shanks up to 6,00mm
huso barrenado oblongo, apertura hasta Ø 6,00mm
passage de fuseau et mâchoire jusqu'à 6,00mm



HUDSON STANDARD
340-505



HUDSON
340-538

Extension piece 100mm



HUDSON Burr
340-530 Ø 9mm



HUDSON Burr
340-534 Ø 16mm



Mc KNEZIE Perforator Drill
340-540 Ø 13mm



D'ERRICO Perforator and Enlarging Drill
340-580 Ø 16mm



ADSON Twist Drill
340-560 Ø 2mm



CUSHING Perforator Drill
340-510 Ø 10mm
340-512 Ø 12mm
340-514 Ø 16mm



HUDSON Burr
340-532 Ø 14mm



HUDSON Burr
340-536 Ø 22mm



Mc KNEZIE Burr
340-545 Ø 16mm



ADSON Perforating Burr
340-550 Ø 15mm



CUSHING Burr
340-520 Ø 10mm
340-522 Ø 15mm
340-524 Ø 20mm



342-010-00

LEYLA Self-Retaining Retractor Set No. 1

consisting of:

- 342-001 1 fixation base for 1 arm
- 342-006 1 flexible arm
- 342-007 1 support for flat brain spatula



342-006

Flexible arm for attaching
coupling heads 342-036 / 342-038
and fixation bases 342-001 / 342-002 / 342-003



342-001

Fixation Clamp for 1 flexible arm 342-006,
for bone mounting



342-002

Fixation Clamp for 2 flexible arms 342-006
for bone mounting



342-003

Fixation Clamp for 1 flexible arm 342-006
for mounting bars up to 16mm



342-007

Support for flat brain spatulas,
fixation to flexible arm 342-006

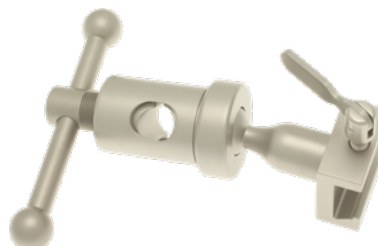


342-008

Support for brain spatulas with round shaft
up to Ø 5,5mm, fixation to
flexible arm 342-006

342-032

Ball and socket joint for standard rails 10x25mm and 9x32mm



342-034

Holding rod, detachable, for fixation in ball and socket joint 342-032 and to hold the coupling head 342-036, 342-037 or 342-038



342-036

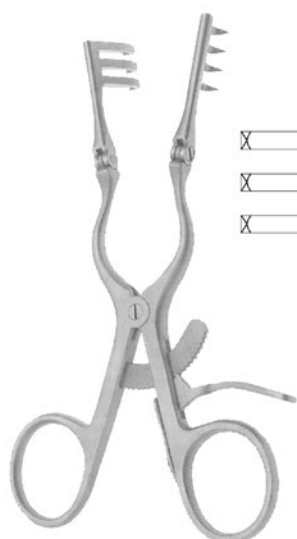
Coupling head to hold up to 5 arms (342-006)



342-038

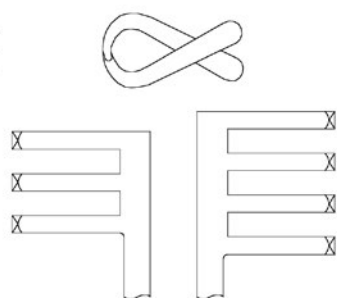
Coupling head to hold up to 1 arm (342-006)



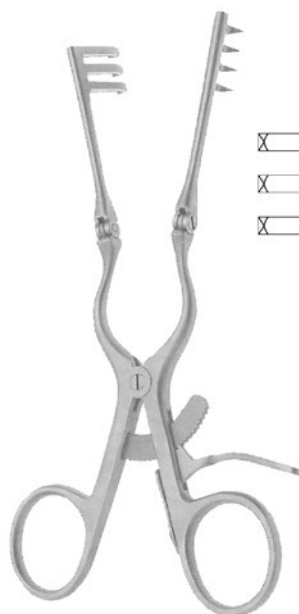


CONE (ADSON-BABY)

170-600 135mm, 5 1/4"
spitz, sharp
agudo, pointu

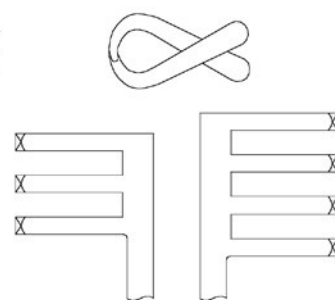


170-601
stumpf, blunt
romo, mousse



BECKMANN

170-602 160mm, 6 1/4"
spitz, sharp
agudo, pointu

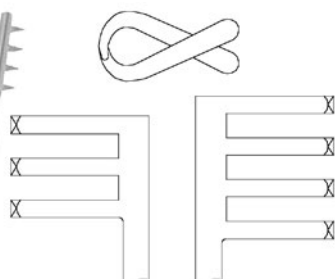


170-603
stumpf, blunt
romo, mousse



CONE

170-610 200mm, 8"
spitz, sharp
agudo, pointu

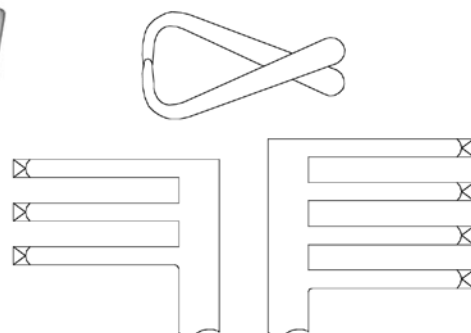


170-611
stumpf, blunt
romo, mousse

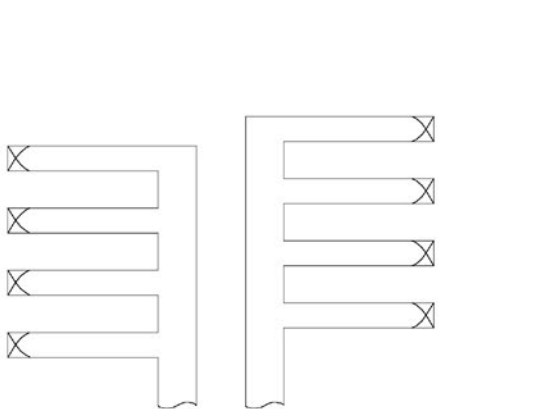


CONE

170-612 255mm, 10"
spitz, sharp
agudo, pointu



170-613
stumpf, blunt
romo, mousse

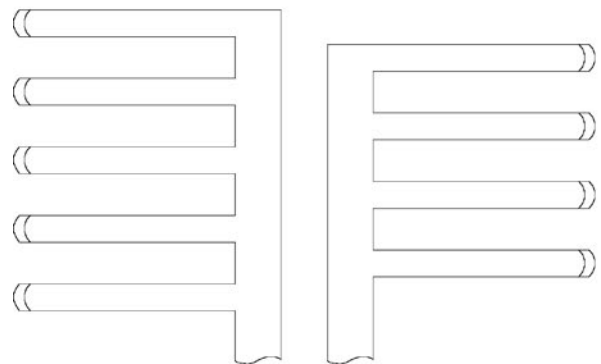


BECKMANN

170-640
spitz, sharp
agudo, pointu

310mm, 11"

170-641
stumpf, blunt
romo, mousse



ADSON

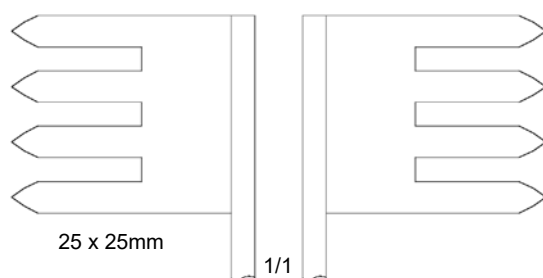
170-670
spitz, sharp
agudo, pointu

325mm, 12 7/8"

170-671
stumpf, blunt
romo, mousse



BECKMANN-ADSON
170-660 - 170-665

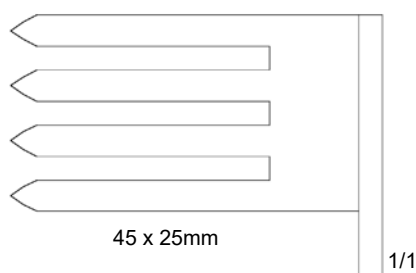


25 x 25mm

1/1

170-660
spitz, sharp
agudo, pointu

320mm, 12 5/8" **170-663**
stumpf, blunt
romo, mousse



45 x 25mm

1/1

170-662
spitz, sharp
agudo, pointu

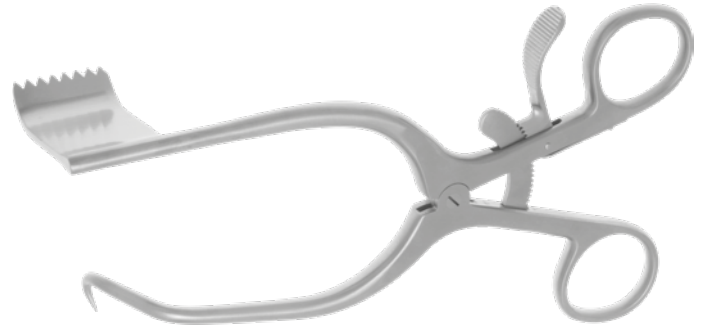
320mm, 12 5/8" **170-665**
stumpf, blunt
romo, mousse



BECKMANN-EATON

170-644 325mm, 12 7/8" **170-645**
spitz, sharp
agudo, pointu
stumpf, blunt
romo, mousse

MARKHAM-MEYERDING		
	Gesamtlänge total length longitud total longueur totale	Blatt links blade left side valva a la izquierda valve à gauche
343-540	180mm	65x25mm
	Gesamtlänge total length longitud total longueur totale	Blatt rechts blade right side valva a la derecha valve à droite
343-541	180mm	65x25mm



MEYERDING		
	Gesamtlänge total length longitud total longueur totale	Blatt blade valva valve
343-530	200mm	32x25mm
343-532	200mm	55x25mm
343-533	200mm	60x25mm
343-534	200mm	60x19mm



WILLIAMS		
	Gesamtlänge total length longitud total longueur totale	Blatt links blade left side valva a la izquierda valve à gauche
343-570L	170mm	50x10mm
343-571L	170mm	50x20mm
343-572L	170mm	70x10mm
343-573L	170mm	70x20mm
343-574L	170mm	60x10mm
343-575L	170mm	60x20mm



WILLIAMS		
	Gesamtlänge total length longitud total longueur totale	Blatt rechts blade right side valva a la derecha valve à droite
343-570R	170mm	50x10mm
343-571R	170mm	50x20mm
343-572R	170mm	70x10mm
343-573R	170mm	70x20mm
343-574R	170mm	60x10mm
343-575R	170mm	60x20mm



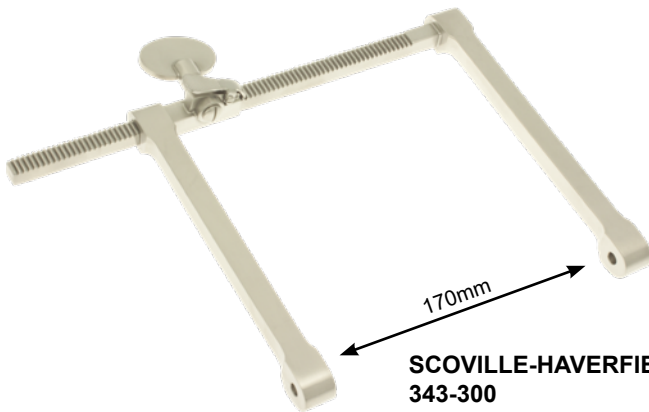


CLOWARD
343-551 160mm, 6 1/4"
Spreizer ohne Valven
Spreader without blades
Separador sin valvas
Ecarteur sans valves

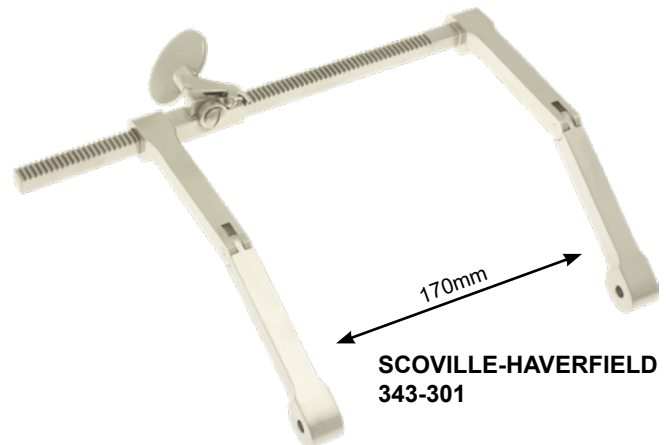


CLOWARD
343-561 250mm, 10"
Spreizer ohne Valven
Spreader without blades
Separador sin valvas
Ecarteur sans valves

	 stumpfen Valven blunt blades valvas romas valves mousses	 spitzen Valven sharp blades valvas agudas valves pointues
25 x 14mm	343-553-25	343-563-25
30 x 14mm	343-553-30	343-563-30
35 x 14mm	343-553-35	343-563-35
40 x 14mm	343-553-40	343-563-40
45 x 14mm	343-553-45	343-563-45
50 x 14mm	343-553-50	343-563-50
55 x 14mm	343-553-55	343-563-55
60 x 14 mm	343-553-60	343-563-60



170mm
SCOVILLE-HAVERFIELD
343-300



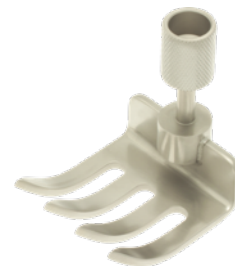
170mm
SCOVILLE-HAVERFIELD
343-301



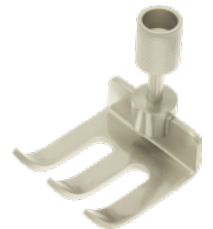
SCOVILLE
343-430 51mm
343-431 75mm



SCOVILLE
343-436 51mm
343-437 75mm



343-440 41 x 38mm
343-441 66 x 48mm



TAYLOR
343-444 44 x 38mm



SCOVILLE
343-450 63 x 26mm
343-451 63 x 51mm
343-452 66 x 32mm
343-453 89 x 26mm



HIBBS
343-471 51 x 26mm
343-472 51 x 51mm
343-473 63 x 26mm
343-475 76 x 26mm
343-476 76 x 38mm
343-477 76 x 51mm
343-478 101 x 26mm
343-479 101 x 51mm



MEYERDING
343-481 61 x 26mm
343-482 67 x 26mm
343-485 89 x 51mm



TAYLOR
343-445 48 x 51mm
343-446 63 x 63mm
343-447 82 x 58mm



TAYLOR
343-490 76 x 32mm
343-491 101 x 32mm



343-462-40 40 x 23mm
343-462-45 45 x 23mm
343-462-50 50 x 23mm
343-462-55 55 x 23mm
343-462-60 60 x 23mm

Mediale Valven mit Kugelschnellverschluß

Medial valves with ball snap closure

Valvas medianas con cierre rápido

Valves médianes avec enclenchement à bille



343-460-40 40 x 23mm
343-460-45 45 x 23mm
343-460-50 50 x 23mm
343-460-55 55 x 23mm
343-460-60 60 x 23mm

Laterale Valven mit Kugelschnellverschluß

Lateral valves with ball snap closure for selfretaining retractors

Valvas laterales con cierre rápido

esférico, para separadores
Valves latérales avec enclenchement à bille, pour écarteurs



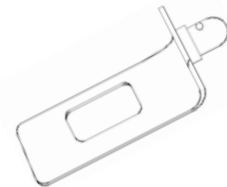
343-466-40 40 x 23mm
343-466-45 45 x 23mm
343-466-50 50 x 23mm
343-466-55 55 x 23mm
343-466-60 60 x 23mm

Stumpfe Valven mit Kugelschnellverschluß

Blunt valves with ball snap closure

Valvas romas con cierre rápido esférico

Valves mousses avec enclenchement à bille



343-468-50 50 x 25mm
343-468-60 60 x 25mm

Stumpfe Valven mit Kugelschnellverschluß zur Spanentnahme am Beckenkamm

Blunt valves with ball snap closure for harvesting of the fusion graft for the iliac crest

Valvas romas con cierre rápido esférico

Valves mousses avec enclenchement à bille



343-465-25T 25 x 24mm
343-465-30T 30 x 24mm
343-465-35T 35 x 24mm
343-465-40T 40 x 24mm
343-465-45T 45 x 24mm
343-465-50T 50 x 24mm
343-465-55T 55 x 24mm
343-465-60T 60 x 24mm
343-465-65T 65 x 24mm
343-465-70T 70 x 24mm

Laterale Valven aus Titan, mit Kugelschnellverschluß, für Wundspreizer

Lateral valves of Titanium, with ball snap closure

Valvas laterales de Titanio, con cierre rápido esférico

Valves latérales Titane avec enclenchement à bille, pour écarteurs



343-464-25T 25 x 24mm
343-464-30T 30 x 24mm
343-464-35T 35 x 24mm
343-464-40T 40 x 24mm
343-464-45T 45 x 24mm
343-464-50T 50 x 24mm
343-464-55T 55 x 24mm
343-464-60T 60 x 24mm
343-464-65T 65 x 24mm
343-464-70T 70 x 24mm

Mediale Valven aus Titan, mit Kugelschnellverschluß, für Wundspreizer

Medial valves of Titanium, with ball snap closure

Valvas medianas de Titanio, con cierre rápido esférico

Valves médianes Titane avec enclenchement à bille



343-469-30T 30 x 24mm
343-469-35T 35 x 24mm
343-469-40T 40 x 24mm
343-469-45T 45 x 24mm
343-469-50T 50 x 24mm
343-469-55T 55 x 24mm
343-469-60T 60 x 24mm
343-469-65T 65 x 24mm
343-469-70T 70 x 24mm
343-469-75T 75 x 24mm

343-334
130mm

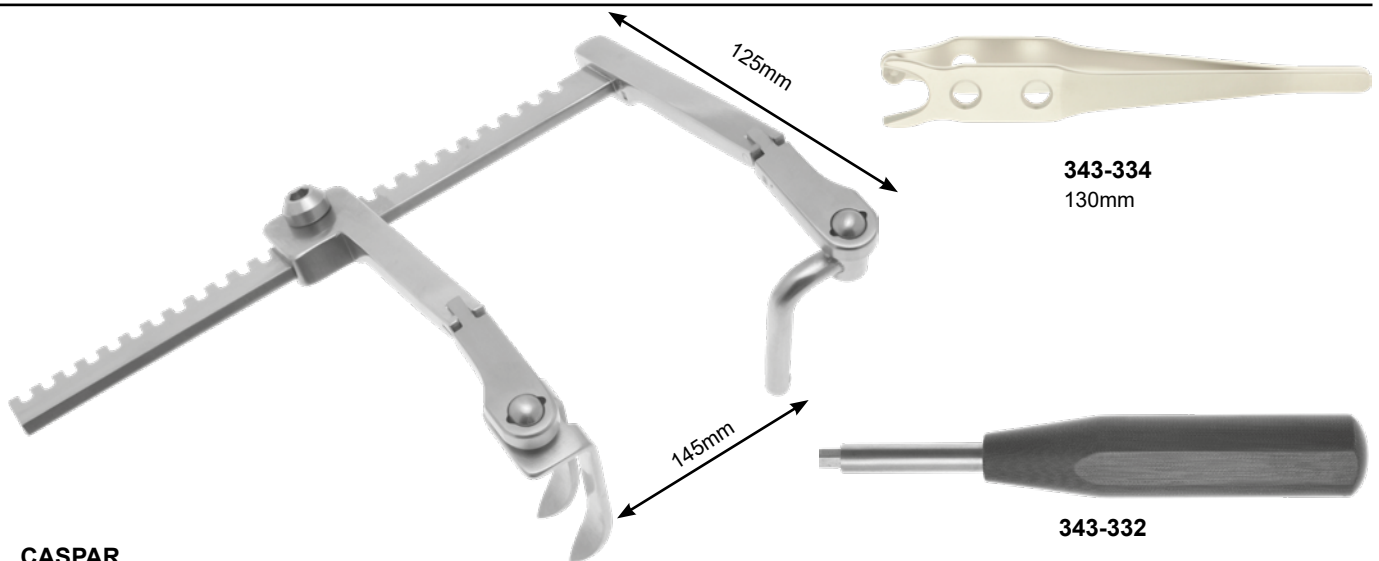
Pinzette zum wechseln der Valven mit Kugelschnellverschluß

Blade ejector for changing the blades with ball snap closure

Pinza para cambiar las valvas con sistema bola de aseguramiento rápido

Pince pour changer les valves munies du système de verrouillage rapide à billes





CASPAR
343-330-00

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß, für Laminektomie und Hemi-Laminektomie, komplett, bestehend aus:

- 343-331** 1 Rahmen inklusive **343-332** 1 Drehschlüssel
343-410-38 1 Haken 38mm
343-412-37 1 Seitenvalve 37 x 22mm
343-412-42 1 Seitenvalve 42 x 22mm
343-412-47 1 Seitenvalve 47 x 22mm
343-412-52 1 Seitenvalve 52 x 22mm
343-412-57 1 Seitenvalve 57 x 22mm

Separador con brazos de articulación y aseguramiento rápido de sistema bola, para laminectomia y hemilactomia, completo compuesto de:

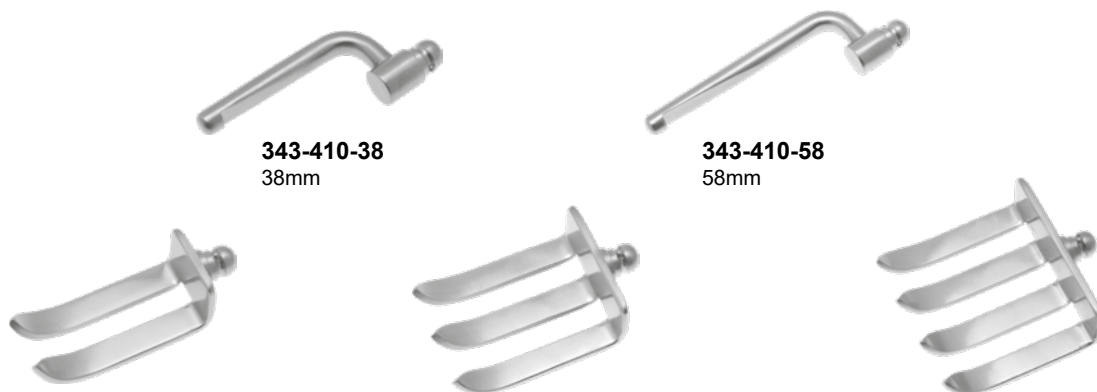
- 343-331** 1 Cuadro con **343-332** 1 Lave
343-410-38 1 Separador 38mm
343-412-37 1 Valva lateral 37 x 22mm
343-412-42 1 Valva lateral 43 x 22mm
343-412-47 1 Valva lateral 47 x 22mm
343-412-52 1 Valva lateral 52 x 22mm
343-412-57 1 Valva lateral 57 x 22mm

Self-retaining retractor with articulated arms and ball snap closure, for laminectomy and hemi-laminectomy, complete, consisting of:

- 343-331** 1 Frame including **343-332** 1 Key
343-410-38 1 Hook 38mm
343-412-37 1 Lateral blade 37 x 22mm
343-412-42 1 Lateral blade 43 x 22mm
343-412-47 1 Lateral blade 47 x 22mm
343-412-52 1 Lateral blade 52 x 22mm
343-412-57 1 Lateral blade 57 x 22mm

Ecarteur avec bras articulés, enclenchement à billes, pour laminectomie et hémi-laminectomie, complet composé de:

- 343-331** 1 Cadre avec **343-332** 1 Clef
343-410-38 1 Crochet 38mm
343-412-37 1 Valve laterale 37 x 22mm
343-412-42 1 Valve laterale 43 x 22mm
343-412-47 1 Valve laterale 47 x 22mm
343-412-52 1 Valve laterale 52 x 22mm
343-412-57 1 Valve laterale 57 x 22mm



- 343-412-32** 32 x 22mm
343-412-37 37 x 22mm
343-412-42 42 x 22mm
343-412-47 47 x 22mm
343-412-52 52 x 22mm
343-412-57 57 x 22mm
343-412-62 62 x 22mm
343-412-67 67 x 22mm

- 343-413-32** 32 x 37mm
343-413-37 37 x 37mm
343-413-42 42 x 37mm
343-413-47 47 x 37mm
343-413-52 52 x 37mm
343-413-57 57 x 37mm
343-413-62 62 x 37mm
343-413-67 67 x 37mm

- 343-414-32** 32 x 52mm
343-414-37 37 x 52mm
343-414-42 42 x 52mm
343-414-47 47 x 52mm
343-414-52 52 x 52mm
343-414-57 57 x 52mm
343-414-62 62 x 52mm
343-414-67 67 x 52mm

343-340-00

165mm, 6 1/2"

Wundspreizer mit Gelenkarmen und Kugelschnellverschluss, komplett, bestehend aus:

- 343-341** 1 Sperrer
- 343-466-45** 1 stumpfen Valve 45 x 23mm
- 343-466-50** 1 stumpfen Valve 50 x 23mm
- 343-466-55** 1 stumpfen Valve 55 x 23mm
- 343-466-60** 1 stumpfen Valve 60 x 23mm
- 343-466-65** 1 stumpfen Valve 65 x 23mm

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:

- 343-341** 1 Spreader
- 343-466-45** 1 Blunt valve 45 x 23mm
- 343-466-50** 1 Blunt valve 50 x 23mm
- 343-466-55** 1 Blunt valve 55 x 23mm
- 343-466-60** 1 Blunt valve 60 x 23mm
- 343-466-65** 1 Blunt valve 65 x 23mm

Separador con brazos articulados y cierre rápido esférico, completo, compuesto de:

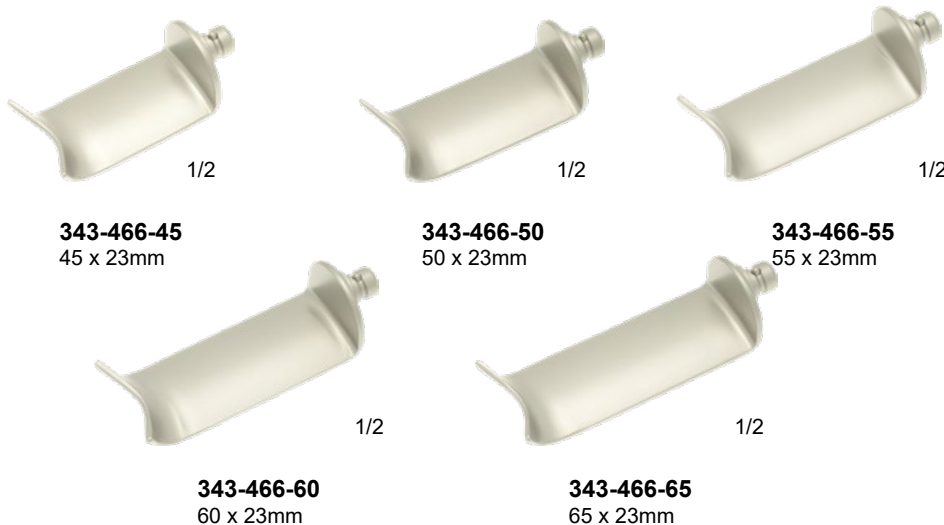
- 343-341** 1 Separador
- 343-466-45** 1 Valva roma 45 x 23mm
- 343-466-50** 1 Valva roma 50 x 23mm
- 343-466-55** 1 Valva roma 55 x 23mm
- 343-466-60** 1 Valva roma 60 x 23mm
- 343-466-65** 1 Valva roma 65 x 23mm

Ecarteur avec bras articulés, enclenchement à billes, complet composé de:

- 343-341** 1 Ecarteur
- 343-466-45** 1 Valve, mousse 45 x 23mm
- 343-466-50** 1 Valve, mousse 50 x 23mm
- 343-466-55** 1 Valve, mousse 55 x 23mm
- 343-466-60** 1 Valve, mousse 60 x 23mm
- 343-466-65** 1 Valve, mousse 65 x 23mm



CASPAR
343-340-00
165mm, 6 1/2"



343-390-00

105mm, 4 1/8"

Wundspreizer mit Gelenkarmen und Kugelschnellverschluss, komplett, bestehend aus:

- 343-391** 1 Sperrer
- 343-466-45** 1 stumpfen Valve 45 x 23mm
- 343-466-50** 1 stumpfen Valve 50 x 23mm
- 343-466-55** 1 stumpfen Valve 55 x 23mm
- 343-466-60** 1 stumpfen Valve 60 x 23mm
- 343-466-65** 1 stumpfen Valve 65 x 23mm

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:

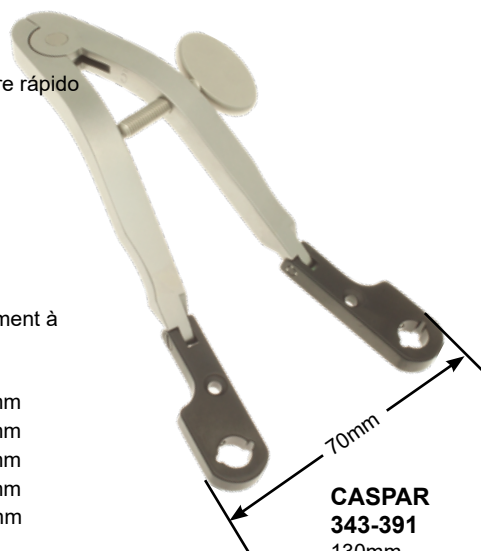
- 343-391** 1 Spreader
- 343-466-45** 1 Blunt valve 45 x 23mm
- 343-466-50** 1 Blunt valve 50 x 23mm
- 343-466-55** 1 Blunt valve 55 x 23mm
- 343-466-60** 1 Blunt valve 60 x 23mm
- 343-466-65** 1 Blunt valve 65 x 23mm

Separador con brazos articulados y cierre rápido esférico, completo, compuesto de:

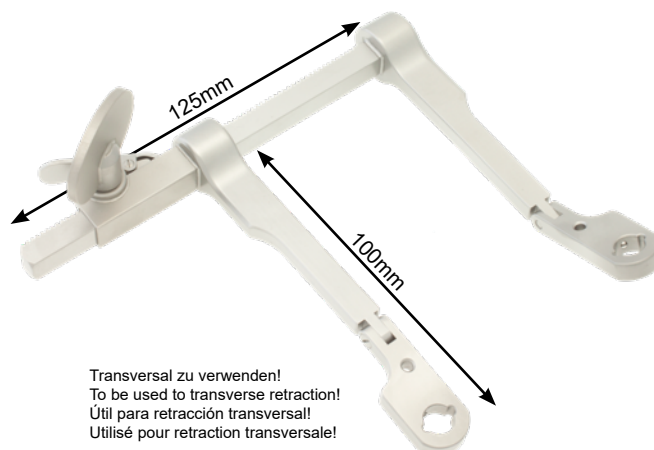
- 343-391** 1 Separador
- 343-466-45** 1 Valva roma 45 x 23mm
- 343-466-50** 1 Valva roma 50 x 23mm
- 343-466-55** 1 Valva roma 55 x 23mm
- 343-466-60** 1 Valva roma 60 x 23mm
- 343-466-65** 1 Valva roma 65 x 23mm

Ecarteur avec bras articulés, enclenchement à billes, complet composé de:

- 343-391** 1 Ecarteur
- 343-466-45** 1 Valve, mousse 45 x 23mm
- 343-466-50** 1 Valve, mousse 50 x 23mm
- 343-466-55** 1 Valve, mousse 55 x 23mm
- 343-466-60** 1 Valve, mousse 60 x 23mm
- 343-466-65** 1 Valve, mousse 65 x 23mm



CASPAR
343-391
130mm



CASPAR
343-322-00

Wundspreizer mit Gelenkarmen und Kugelschnellverschluß, komplett, bestehend aus:

- 343-323** 1 Rahmen
- 343-462-40** 1 medialen Valve 40 x 23mm
- 343-462-45** 1 medialen Valve 45 x 23mm
- 343-462-50** 1 medialen Valve 50 x 23mm
- 343-462-55** 1 medialen Valve 55 x 23mm
- 343-462-60** 1 medialen Valve 60 x 23mm
- 343-460-40** 1 lateralen Valve 40 x 23mm
- 343-460-45** 1 lateralen Valve 45 x 23mm
- 343-460-50** 1 lateralen Valve 50 x 23mm
- 343-460-55** 1 lateralen Valve 55 x 23mm
- 343-460-60** 1 lateralen Valve 60 x 23mm

Self-retaining retractor with articulated arms and ball snap closure, complete, consisting of:

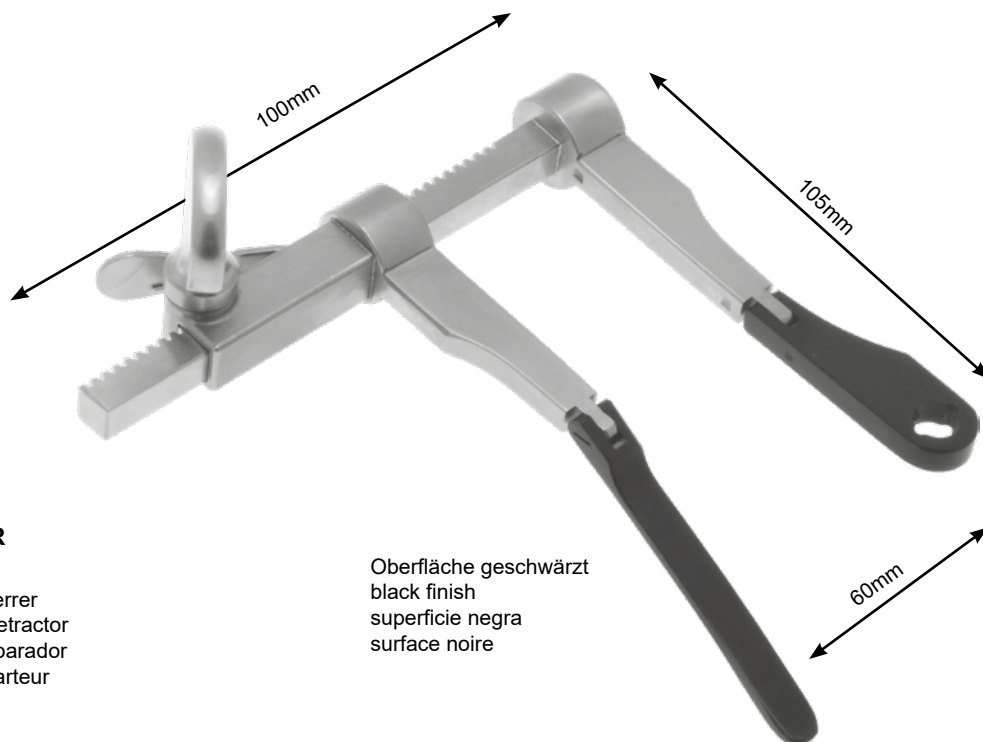
- 343-323** 1 Frame
- 343-462-40** 1 Medial valve 40 x 23mm
- 343-462-45** 1 Medial valve 45 x 23mm
- 343-462-50** 1 Medial valve 50 x 23mm
- 343-462-55** 1 Medial valve 55 x 23mm
- 343-462-60** 1 Medial valve 60 x 23mm
- 343-460-40** 1 Lateral valve 40 x 23mm
- 343-460-45** 1 Lateral valve 45 x 23mm
- 343-460-50** 1 Lateral valve 50 x 23mm
- 343-460-55** 1 Lateral valve 55 x 23mm
- 343-460-60** 1 Lateral valve 60 x 23mm

Separador con brazos articulados y cierre rápido esférico, completo, compuesto de:

- 343-323** 1 Cuadro
- 343-462-40** 1 Valva mediana 40 x 23mm
- 343-462-45** 1 Valva mediana 45 x 23mm
- 343-462-50** 1 Valva mediana 50 x 23mm
- 343-462-55** 1 Valva mediana 55 x 23mm
- 343-462-60** 1 Valva mediana 60 x 23mm
- 343-460-40** 1 Valva lateral 40 x 23mm
- 343-460-45** 1 Valva lateral 45 x 23mm
- 343-460-50** 1 Valva lateral 50 x 23mm
- 343-460-55** 1 Valva lateral 55 x 23mm
- 343-460-60** 1 Valva lateral 60 x 23mm

Ecarteur avec bras articulés, enclenchement à billes, complet composé de:

- 343-323** 1 Cadre
- 343-462-40** 1 Valve médiane 40 x 23mm
- 343-462-45** 1 Valve médiane 45 x 23mm
- 343-462-50** 1 Valve médiane 50 x 23mm
- 343-462-55** 1 Valve médiane 55 x 23mm
- 343-462-60** 1 Valve médiane 60 x 23mm
- 343-460-40** 1 Valve latérale 40 x 23mm
- 343-460-45** 1 Valve latérale 45 x 23mm
- 343-460-50** 1 Valve latérale 50 x 23mm
- 343-460-55** 1 Valve latérale 55 x 23mm
- 343-460-60** 1 Valve latérale 60 x 23mm



CASPAR 343-371

Gegensperrer
Counter-retractor
contra separador
contre écarteur

Oberfläche geschwärzt
black finish
superficie negra
surface noire



Blattlänge
Length of the blade
Longitud des valvas
Longueur des valves

343-402-40	40mm
343-402-45	45mm
343-402-50	50mm
343-402-55	55mm
343-402-60	60mm
343-402-65	65mm
343-402-70	70mm

Mediale Valven, Oberfläche geschwärzt
Medial blades, black finish
Valvas medianas, superficie negra
Valves médianes, surface noire



Blattlänge
Length of the blade
Longitud des valvas
Longueur des valves

343-400-35	35mm
343-400-40	40mm
343-400-45	45mm
343-400-50	50mm
343-400-55	55mm
343-400-60	60mm
343-400-65	65mm
343-400-75	75mm
343-400-85	85mm

Laterale Valven mit Kugerverschluss,
Oberfläche geschwärzt
Lateral blades with snap lock,
black finish
Valvas laterales con cierre rápido
esférico, superficie negra
Valves latérales avec enclenchement à
bille, surface noire



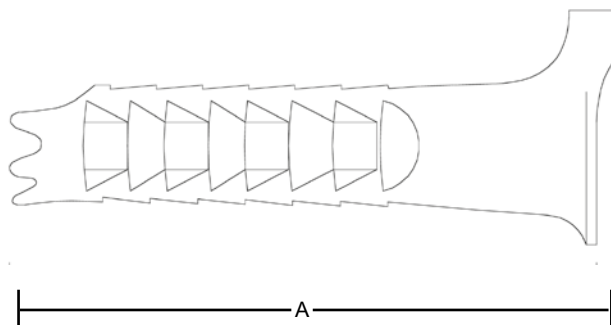
Oberfläche geschwärzt
Surface black-finish
Superficie negra
Surface noire

CASPAR

343-680-40 - 343-680-85

150mm, 6"

343-680-40	A = 40mm
343-680-45	A = 45mm
343-680-50	A = 50mm
343-680-55	A = 55mm
343-680-60	A = 60mm
343-680-65	A = 65mm
343-680-75	A = 75mm
343-680-85	A = 85mm



ALLE HIER ABGEBILDETEN MC CULLOCH INSTRUMENTE SIND KERAMIK BESCHICHTET
ALL MC CULLOCH INSTRUMENTS HERE ARE CERAMIC COATED
TODOS ESTOS INSTRUMENTOS DE MC CULLOCH SON CON REVESTIMIENTO CERAMICO
TOUS LES INSTRUMENTS MC CULLOCH REPRESENTES ICI ONT UNE COUCHE CERAMIQUE



MC CULLOCH

343-611

Rahmen alleine mit Gelenkarmen, maximale Spreizweite 85mm
Frame only with hinged arms, maximale opening 85mm
Cuadro solo con brazos movibles, extension maxima 85mm
Cadre seul, avec bras articulés, écartement maximal 85mm

MC CULLOCH

343-612

Rahmen alleine mit starren Armen, maximale Spreizweite 85mm
Frame only with rigid arms, maximale opening 85mm
Cuadro solo con brazos rígidos, extension maxima 85mm
Cadre seul, avec bras rigides, écartement maximal 85mm



MC CULLOCH

schmale Valve
narrow muscle blade
valvula estrecha
valve étroite

343-613-30	30x20mm
343-613-40	40x20mm
343-613-50	50x20mm
343-613-60	60x20mm
343-613-70	70x20mm
343-613-80	80x20mm



MC CULLOCH

breite Valve
wide muscle blade
valvula ancha
valve large

343-614-30	30x27mm
343-614-40	40x27mm
343-614-50	50x27mm
343-614-60	60x27mm
343-614-70	70x27mm
343-614-80	80x27mm



MC CULLOCH

extra schmale Valve
extra narrow muscle blade
valvula extra estrecha
valve extra-étroite

343-617-30	30x17mm
343-617-40	40x17mm
343-617-50	50x17mm
343-617-60	60x17mm
343-617-70	70x17mm
343-617-80	80x17mm



MC CULLOCH

Haken
hook
gancho
crochet

343-615-20	20mm
343-615-30	30mm
343-615-40	40mm
343-615-50	50mm
343-615-60	60mm
343-615-70	70mm



MC CULLOCH

Mehrzahn-Haken
multiple toothed hook
gancho con varios dientes
crochet à plusieurs dents

343-616-20	20mm
343-616-30	30mm
343-616-40	40mm
343-616-50	50mm
343-616-60	60mm
343-616-70	70mm



MC CULLOCH

verjüngte Valve
tapered muscle blade
valvula conica
valve diminuée

343-618-40	40x27mm
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CASPAR
343-381L

links, Zahnstange 110mm
left, toothed bar 110mm

343-383L

links, Zahnstange 130mm
left, toothed bar 130mm



CASPAR
343-381R

rechts, Zahnstange 110mm
right, toothed bar 110mm

343-383R

rechts, Zahnstange 130mm
right, toothed bar 130mm



CASPAR
343-385L
343-385R

links / left
rechts / right



CASPAR
343-380L-00

Set bestehend aus:
Set consisting of:

- 343-381L** links, Zahnstange 110mm
left, toothed bar 110mm
- 343-385L** links / left
- 343-386** Schraubendreher
screw driver
- 343-388** Ø 1,7mm, Bohrtiefe 8mm
Ø 1,7mm, depth 8mm
- 343-388-16** Ø 16mm

CASPAR
343-380R-00

Set bestehend aus:
Set consisting of:

- 343-381R** rechts, Zahnstange 110mm
right, toothed bar 110mm
- 343-385R** rechts / right
- 343-386** Schraubendreher
screw driver
- 343-388** Ø 1,7mm, Bohrtiefe 8mm
Ø 1,7mm, depth 8mm
- 343-388-16** Ø 16mm



CASPAR
343-386
200mm



CASPAR
343-387

343-388

Ø 1,7mm, Bohrtiefe 14mm
Ø 1,7mm, depth 14mm
Ø 1,7mm, Bohrtiefe 8mm
Ø 1,7mm, depth 8mm



CASPAR

343-388-12

343-388-14

343-388-16

343-388-18

Tiefe 12mm
depth 12mm
Tiefe 14mm
depth 14mm
Tiefe 16mm
depth 16mm
Tiefe 18mm
depth 18mm

CLOWARD	Länge length longitud longueur	Spreizweite spreading width extensión écartement
343-505	160mm	15mm



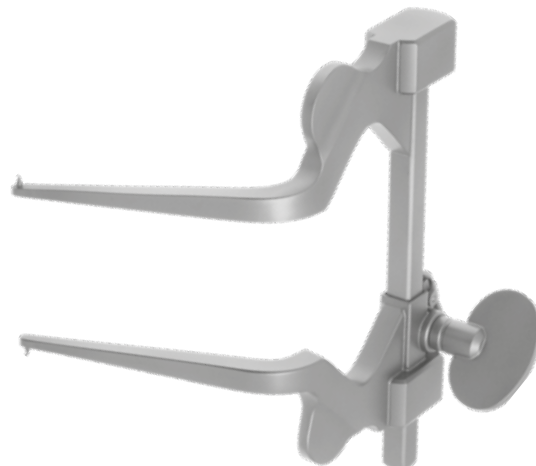
CLOWARD	Länge length longitud longueur	Spreizweite spreading width extensión écartement
343-509	130mm	15mm



CLOWARD	Länge length longitud longueur	Spreizweite spreading width extensión écartement
343-510	150mm	17mm



CLOWARD	Armlänge length of arm longitud del brazo longueur bras	Spreizweite spreading width extensión écartement
343-511	70mm	80mm



CLOWARD	Armlänge length of arm longitud del brazo longueur bras	Spreizweite spreading width extensión écartement
343-513	85mm	70mm
343-514	100mm	70mm

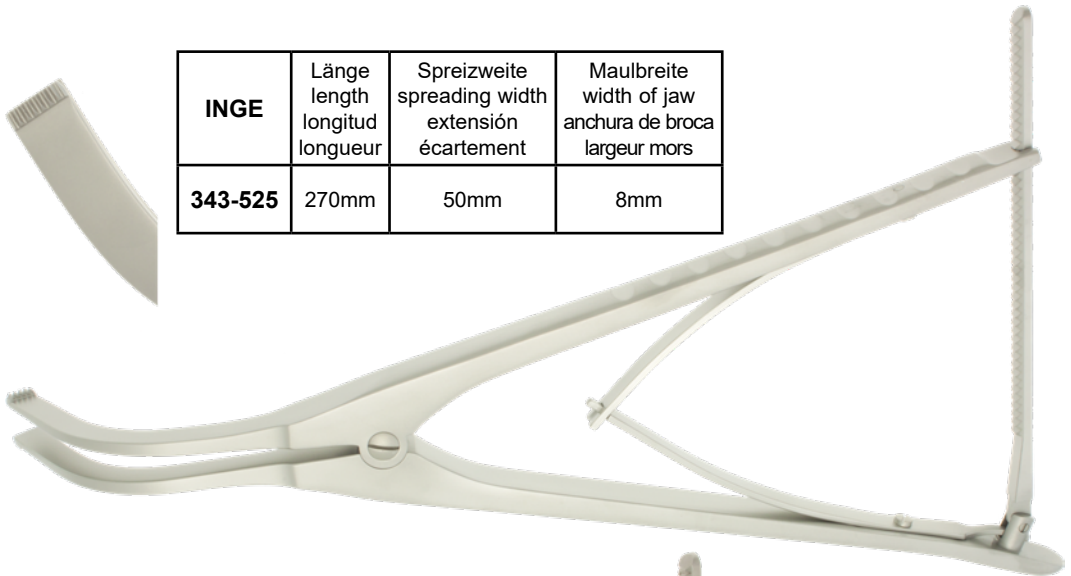




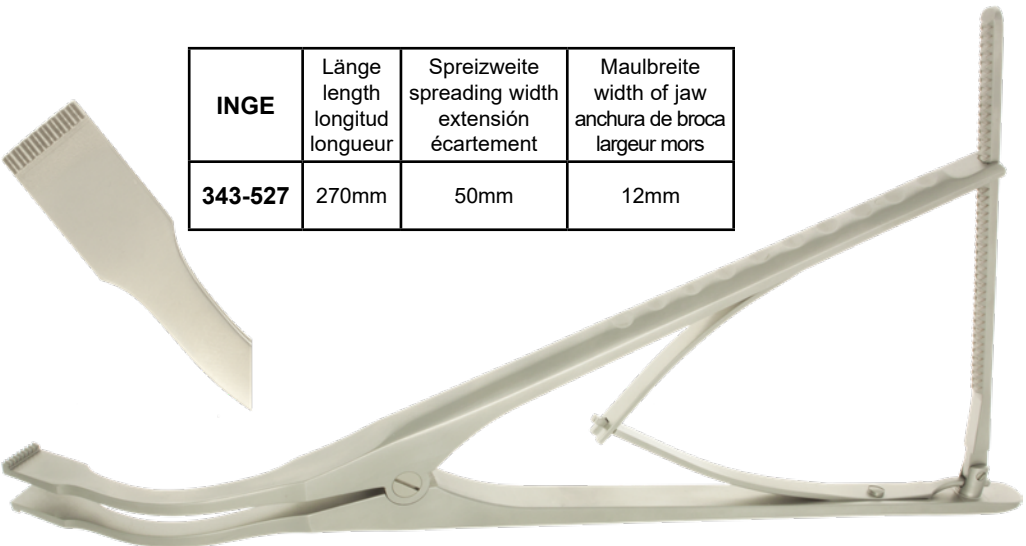
INGE	Länge length longitud longueur	Spreizweite spreading width extensión écartement	Maulbreite width of jaw anchura de broca largeur mors
343-520	170mm	38mm	6mm



INGE	Länge length longitud longueur	Spreizweite spreading width extensión écartement	Maulbreite width of jaw anchura de broca largeur mors
343-521	170mm	38mm	6mm



INGE	Länge length longitud longueur	Spreizweite spreading width extensión écartement	Maulbreite width of jaw anchura de broca largeur mors
343-525	270mm	50mm	8mm



INGE	Länge length longitud longueur	Spreizweite spreading width extensión écartement	Maulbreite width of jaw anchura de broca largeur mors
343-527	270mm	50mm	12mm

LOVE

Nervenzurzelretractor, Gesamtlänge 210mm
nerve root retractor, total length 210mm

343-143-03 3mm

343-143-05 5mm



SCOVILLE

Nervenzurzelretractor, Gesamtlänge 230mm
nerve root retractor, total length 230mm

343-150 8mm



CASPAR

Nervenzurzelretractor, Gesamtlänge 240mm
nerve root retractor, total length 240mm

343-156 6mm



HESS

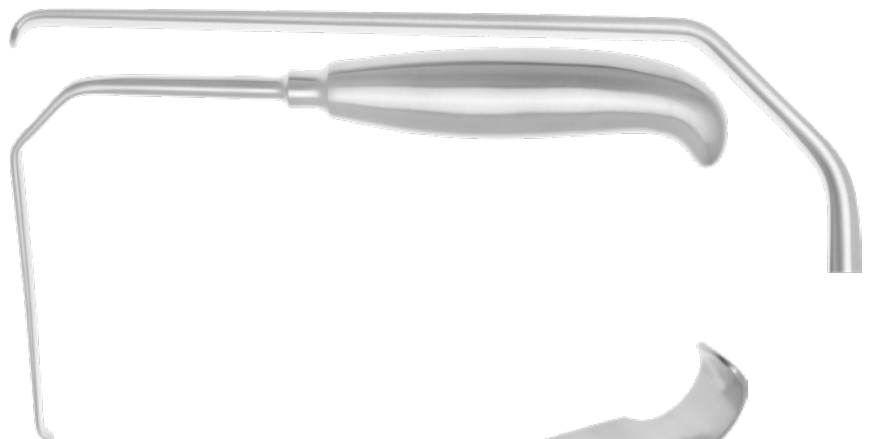
Nervenzurzelretractor, Gesamtlänge 195mm
nerve root retractor, total length 195mm

343-163 3mm

343-164 4mm

343-165 5mm

343-167 7mm



TAYLOR

Spinal Haken, Gesamtlänge 200mm
Spinal retractor, total length 200mm

343-200 75 x 32mm

343-201 100 x 32mm



CLOWARD

Wundhaken, Gesamtlänge 180mm
Blade retractor, total length 180mm

343-210 75x18mm

343-211 75x20mm

343-212 75x23mm

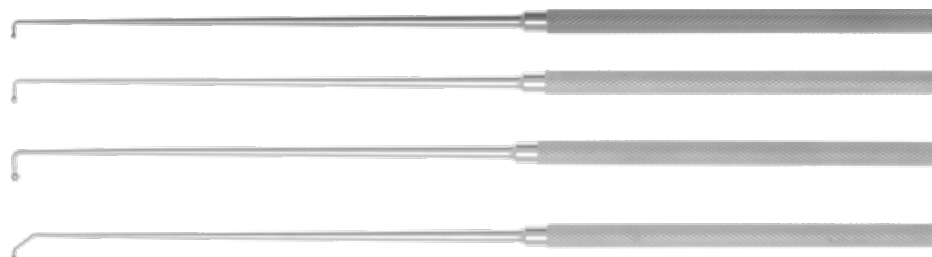




DANDY

Haken, 4mm tief, Gesamtlänge 220mm
Hook, depth 4mm, total length 220mm

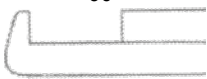
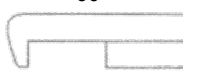
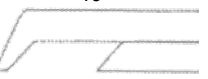
341-820 gerade / straight
341-821 links / left
341-822 rechts /right



Haken, Gesamtlänge 245mm
Hook, total length 245mm

341-888
341-889
341-890
341-891

KERRISON

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90° 	40° 	90° 	40° 
1mm	150mm	344-001	344-131		
2mm	150mm	344-002	344-132		
3mm	150mm	344-003	344-133		
4mm	150mm	344-004	344-134		
5mm	150mm	344-005	344-135		
6mm	150mm	344-006	344-136		
1mm	180mm	344-011	344-141	344-041	344-071
1,5mm	180mm		344-141-15		
2mm	180mm	344-012	344-142	344-042	344-072
3mm	180mm	344-013	344-143	344-043	344-073
4mm	180mm	344-014	344-144	344-044	344-074
5mm	180mm	344-015	344-145	344-045	344-075
6mm	180mm	344-016	344-146	344-046	344-076
1mm	200mm	344-021	344-151	344-051	344-081
1,5mm	200mm		344-151-15		
2mm	200mm	344-022	344-152	344-052	344-082
3mm	200mm	344-023	344-153	344-053	344-083
4mm	200mm	344-024	344-154	344-054	344-084
5mm	200mm	344-025	344-155	344-055	344-085
6mm	200mm	344-026	344-156	344-056	344-086
1mm	230mm	344-170-10	344-172-10		
1,5mm	230mm		344-172-15		
2mm	230mm	344-170-20	344-172-20		
3mm	230mm	344-170-30	344-172-30		
4mm	230mm	344-170-40	344-172-40		
5mm	230mm	344-170-50	344-172-50		
6mm	230mm	344-170-60	344-172-60		
1mm	280mm	344-180-10	344-182-10		
1,5mm	280mm		344-182-15		
2mm	280mm	344-180-20	344-182-20		
3mm	280mm	344-180-30	344-182-30		
4mm	280mm	344-180-40	344-182-40		
5mm	280mm	344-180-50	344-182-50		
6mm	280mm	344-180-60	344-182-60		
1mm	300mm	344-190-10	344-192-10		
2mm	300mm	344-190-20	344-192-20		
3mm	300mm	344-190-30	344-192-30		
4mm	300mm	344-190-40	344-192-40		
5mm	300mm	344-190-50	344-192-50		
6mm	300mm	344-190-60	344-192-60		

Öffnungsweite 8-10mm • opening width 8-10mm • ancho apertura 8-10mm • overture 8-10mm

KERRISON

Keramik beschichtet (TiALN) • ceramic coated (TiALN) • cubierto ceramica (TiALN) • couche ceramique (TiALN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°	90°	40°
1mm	150mm	344-001CC	344-131CC		
2mm	150mm	344-002CC	344-132CC		
3mm	150mm	344-003CC	344-133CC		
4mm	150mm	344-004CC	344-134CC		
5mm	150mm	344-005CC	344-135CC		
6mm	150mm	344-006CC	344-136CC		
1mm	180mm	344-011CC	344-141CC	344-041CC	344-071CC
1,5mm	180mm		344-141-15CC		
2mm	180mm	344-012CC	344-142CC	344-042CC	344-072CC
3mm	180mm	344-013CC	344-143CC	344-043CC	344-073CC
4mm	180mm	344-014CC	344-144CC	344-044CC	344-074CC
5mm	180mm	344-015CC	344-145CC	344-045CC	344-075CC
6mm	180mm	344-016CC	344-146CC	344-046CC	344-076CC
1mm	200mm	344-021CC	344-151CC	344-051CC	344-081CC
1,5mm	200mm		344-151-15CC		
2mm	200mm	344-022CC	344-152CC	344-052CC	344-082CC
3mm	200mm	344-023CC	344-153CC	344-053CC	344-083CC
4mm	200mm	344-024CC	344-154CC	344-054CC	344-084CC
5mm	200mm	344-025CC	344-155CC	344-055CC	344-085CC
6mm	200mm	344-026CC	344-156CC	344-056CC	344-086CC
1mm	230mm	344-170-10CC	344-172-10CC		
1,5mm	230mm		344-172-15CC		
2mm	230mm	344-170-20CC	344-172-20CC		
3mm	230mm	344-170-30CC	344-172-30CC		
4mm	230mm	344-170-40CC	344-172-40CC		
5mm	230mm	344-170-50CC	344-172-50CC		
6mm	230mm	344-170-60CC	344-172-60CC		
1mm	280mm	344-180-10CC	344-182-10CC		
1,5mm	280mm		344-182-15CC		
2mm	280mm	344-180-20CC	344-182-20CC		
3mm	280mm	344-180-30CC	344-182-30CC		
4mm	280mm	344-180-40CC	344-182-40CC		
5mm	280mm	344-180-50CC	344-182-50CC		
6mm	280mm	344-180-60CC	344-182-60CC		
1mm	300mm	344-190-10CC	344-192-10CC		
2mm	300mm	344-190-20CC	344-192-20CC		
3mm	300mm	344-190-30CC	344-192-30CC		
4mm	300mm	344-190-40CC	344-192-40CC		
5mm	300mm	344-190-50CC	344-192-50CC		
6mm	300mm	344-190-60CC	344-192-60CC		

Öffnungsweite 8-10mm • opening width 8-10mm • ancho apertura 8-10mm • overtone 8-10mm

KERRISON

zerlegbar • detachable • desmontable • decomposable

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
1mm	180mm	344-011DT	344-141DT
2mm	180mm	344-012DT	344-142DT
3mm	180mm	344-013DT	344-143DT
4mm	180mm	344-014DT	344-144DT
5mm	180mm	344-015DT	344-145DT
6mm	180mm	344-016DT	344-146DT
1mm	200mm	344-021DT	344-151DT
2mm	200mm	344-022DT	344-152DT
3mm	200mm	344-023DT	344-153DT
4mm	200mm	344-024DT	344-154DT
5mm	200mm	344-025DT	344-155DT
6mm	200mm	344-026DT	344-156DT
1mm	230mm	344-170-10DT	344-172-10DT
2mm	230mm	344-170-20DT	344-172-20DT
3mm	230mm	344-170-30DT	344-172-30DT
4mm	230mm	344-170-40DT	344-172-40DT
5mm	230mm	344-170-50DT	344-172-50DT
6mm	230mm	344-170-60DT	344-172-60DT

KERRISON

zerlegbar und Keramik beschichtet (TiALN) • detachable and ceramic coated (TiALN)
desmontable y cubierto ceramica (TiALN) • decomposable et couche ceramique (TiALN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
1mm	180mm	344-011DTCC	344-141DTCC
2mm	180mm	344-012DTCC	344-142DTCC
3mm	180mm	344-013DTCC	344-143DTCC
4mm	180mm	344-014DTCC	344-144DTCC
5mm	180mm	344-015DTCC	344-145DTCC
6mm	180mm	344-016DTCC	344-146DTCC
1mm	200mm	344-021DTCC	344-151DTCC
2mm	200mm	344-022DTCC	344-152DTCC
3mm	200mm	344-023DTCC	344-153DTCC
4mm	200mm	344-024DTCC	344-154DTCC
5mm	200mm	344-025DTCC	344-155DTCC
6mm	200mm	344-026DTCC	344-156DTCC
1mm	230mm	344-170-10DTCC	344-172-10DTCC
2mm	230mm	344-170-20DTCC	344-172-20DTCC
3mm	230mm	344-170-30DTCC	344-172-30DTCC
4mm	230mm	344-170-40DTCC	344-172-40DTCC
5mm	230mm	344-170-50DTCC	344-172-50DTCC
6mm	230mm	344-170-60DTCC	344-172-60DTCC

Öffnungsweite 10mm • opening width 10mm • ancho apertura 10mm • overtire 10mm

KERRISON

Auswerfer und zerlegbar • ejector and detachable • eyector y desmontable • ejecteur et decomposable

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
2mm	180mm	344-012EDT	344-142EDT
3mm	180mm	344-013EDT	344-143EDT
4mm	180mm	344-014EDT	344-144EDT
5mm	180mm	344-015EDT	344-145EDT
6mm	180mm	344-016EDT	344-146EDT
2mm	200mm	344-022EDT	344-152EDT
3mm	200mm	344-023EDT	344-153EDT
4mm	200mm	344-024EDT	344-154EDT
5mm	200mm	344-025EDT	344-155EDT
6mm	200mm	344-026EDT	344-156EDT
2mm	230mm	344-170-20EDT	344-172-20EDT
3mm	230mm	344-170-30EDT	344-172-30EDT
4mm	230mm	344-170-40EDT	344-172-40EDT
5mm	230mm	344-170-50EDT	344-172-50EDT
6mm	230mm	344-170-60EDT	344-172-60EDT

Öffnungsweite 10mm • opening width 10mm • ancho apertura 10mm • overture 10mm

KERRISON

Auswerfer, zerlegbar und Keramik beschichtet (TiALN) • ejector, detachable and ceramic coated (TiALN)
eyector, desmontable y cubierto ceramica (TiALN) • ejecteur, decomposable et couche ceramique (TiALN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
2mm	180mm	344-012EDTCC	344-142EDTCC
3mm	180mm	344-013EDTCC	344-143EDTCC
4mm	180mm	344-014EDTCC	344-144EDTCC
5mm	180mm	344-015EDTCC	344-145EDTCC
6mm	180mm	344-016EDTCC	344-146EDTCC
2mm	200mm	344-022EDTCC	344-152EDTCC
3mm	200mm	344-023EDTCC	344-153EDTCC
4mm	200mm	344-024EDTCC	344-154EDTCC
5mm	200mm	344-025EDTCC	344-155EDTCC
6mm	200mm	344-026EDTCC	344-156EDTCC
2mm	230mm	344-170-20EDTCC	344-172-20EDTCC
3mm	230mm	344-170-30EDTCC	344-172-30EDTCC
4mm	230mm	344-170-40EDTCC	344-172-40EDTCC
5mm	230mm	344-170-50EDTCC	344-172-50EDTCC
6mm	230mm	344-170-60EDTCC	344-172-60EDTCC

KERRISON

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
1mm	180mm		344-312-10
1,5mm	180mm		344-312-15
2mm	180mm	344-310-20	344-312-20
3mm	180mm	344-310-30	344-312-30
4mm	180mm	344-310-40	344-312-40
5mm	180mm	344-310-50	344-312-50
6mm	180mm	344-310-60	344-312-60
1mm	200mm		344-322-10
1,5mm	200mm		344-322-15
2mm	200mm	344-320-20	344-322-20
3mm	200mm	344-320-30	344-322-30
4mm	200mm	344-320-40	344-322-40
5mm	200mm	344-320-50	344-322-50
6mm	200mm	344-320-60	344-322-60

Öffnungsweite 15mm • opening width 15mm • ancho apertura 15mm • overture 15mm

KERRISON

Keramik beschichtet (TiAlN) • ceramic coated (TiAlN) • cubierto ceramica (TiAlN) • couche ceramique (TiAlN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
1mm	180mm		344-312-10CC
1,5mm	180mm		344-312-15CC
2mm	180mm	344-310-20CC	344-312-20CC
3mm	180mm	344-310-30CC	344-312-30CC
4mm	180mm	344-310-40CC	344-312-40CC
5mm	180mm	344-310-50CC	344-312-50CC
6mm	180mm	344-310-60CC	344-312-60CC
1mm	200mm		344-322-10CC
1,5mm	200mm		344-322-15CC
2mm	200mm	344-320-20CC	344-322-20CC
3mm	200mm	344-320-30CC	344-322-30CC
4mm	200mm	344-320-40CC	344-322-40CC
5mm	200mm	344-320-50CC	344-322-50CC
6mm	200mm	344-320-60CC	344-322-60CC

Öffnungsweite 15mm • opening width 15mm • ancho apertura 15mm • overture 15mm

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°	90°
1 mm	180mm	344-220-10	344-224-10	344-226-10
2mm	180mm	344-220-20	344-224-20	344-226-20
3mm	180mm	344-220-30	344-224-30	344-226-30
4mm	180mm	344-220-40	344-224-40	344-226-40
5mm	180mm	344-220-50	344-224-50	344-226-50
6mm	180mm	344-220-60	344-224-60	344-226-60
1mm	200mm	344-230-10	344-234-10	344-236-10
1,5mm	200mm		344-234-15	
2mm	200mm	344-230-20	344-234-20	344-236-20
3mm	200mm	344-230-30	344-234-30	344-236-30
4mm	200mm	344-230-40	344-234-40	344-236-40
5mm	200mm	344-230-50	344-234-50	344-236-50
6mm	200mm	344-230-60	344-234-60	344-236-60

Öffnungsweite 8-10mm • opening width 8-10mm • ancho apertura 8-10mm • overture 8-10mm

Keramik beschichtet (TiALN) • ceramic coated (TiALN) • cubierto ceramica (TiALN) • couche ceramique (TiALN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°	90°
1 mm	180mm	344-220-10CC	344-224-10CC	344-226-10CC
2mm	180mm	344-220-20CC	344-224-20CC	344-226-20CC
3mm	180mm	344-220-30CC	344-224-30CC	344-226-30CC
4mm	180mm	344-220-40CC	344-224-40CC	344-226-40CC
5mm	180mm	344-220-50CC	344-224-50CC	344-226-50CC
6mm	180mm	344-220-60CC	344-224-60CC	344-226-60CC
1mm	200mm	344-230-10CC	344-234-10CC	344-236-10CC
1,5mm	200mm		344-234-15CC	
2mm	200mm	344-230-20CC	344-234-20CC	344-236-20CC
3mm	200mm	344-230-30CC	344-234-30CC	344-236-30CC
4mm	200mm	344-230-40CC	344-234-40CC	344-236-40CC
5mm	200mm	344-230-50CC	344-234-50CC	344-236-50CC
6mm	200mm	344-230-60CC	344-234-60CC	344-236-60CC

Öffnungsweite 8-10mm • opening width 8-10mm • ancho apertura 8-10mm • overture 8-10mm

zerlegbar • detachable • desmontable • decomposable

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
1mm	180mm	344-220-10DT	344-224-10DT
2mm	180mm	344-220-20DT	344-224-20DT
3mm	180mm	344-220-30DT	344-224-30DT
4mm	180mm	344-220-40DT	344-224-40DT
5mm	180mm	344-220-50DT	344-224-50DT
6mm	180mm	344-220-60DT	344-224-60DT
1mm	200mm	344-230-10DT	344-234-10DT
2mm	200mm	344-230-20DT	344-234-20DT
3mm	200mm	344-230-30DT	344-234-30DT
4mm	200mm	344-230-40DT	344-234-40DT
5mm	200mm	344-230-50DT	344-234-50DT
6mm	200mm	344-230-60DT	344-234-60DT

Öffnungsweite 10mm • opening width 10mm • ancho apertura 10mm • overture 10mm

zerlegbar und Keramik beschichtet (TiALN) • detachable and ceramic coated (TiALN)
 desmontable y cubierto ceramica (TiALN) • decomposable et couche ceramique (TiALN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
1mm	180mm	344-220-10DTCC	344-224-10DTCC
2mm	180mm	344-220-20DTCC	344-224-20DTCC
3mm	180mm	344-220-30DTCC	344-224-30DTCC
4mm	180mm	344-220-40DTCC	344-224-40DTCC
5mm	180mm	344-220-50DTCC	344-224-50DTCC
6mm	180mm	344-220-60DTCC	344-224-60DTCC
1mm	200mm	344-230-10DTCC	344-234-10DTCC
2mm	200mm	344-230-20DTCC	344-234-20DTCC
3mm	200mm	344-230-30DTCC	344-234-30DTCC
4mm	200mm	344-230-40DTCC	344-234-40DTCC
5mm	200mm	344-230-50DTCC	344-234-50DTCC
6mm	200mm	344-230-60DTCC	344-234-60DTCC

Öffnungsweite 10mm • opening width 10mm • ancho apertura 10mm • overture 10mm

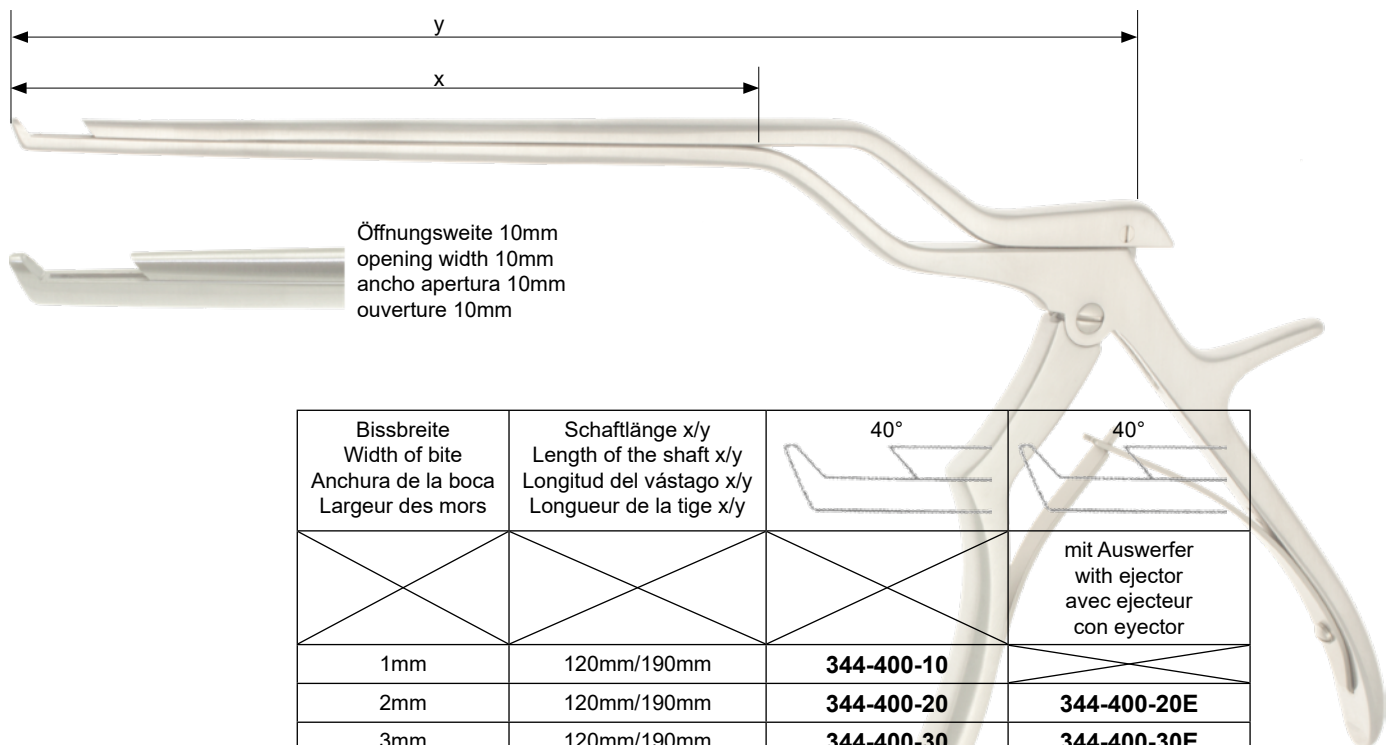
Auswerfer und zerlegbar • ejector and detachable • eyector y desmontable • ejecteur et decomposable)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
2mm	180mm	344-220-20EDT	344-224-20EDT
3mm	180mm	344-220-30EDT	344-224-30EDT
4mm	180mm	344-220-40EDT	344-224-40EDT
5mm	180mm	344-220-50EDT	344-224-50EDT
6mm	180mm	344-220-60EDT	344-224-60EDT
2mm	200mm	344-230-20EDT	344-234-20EDT
3mm	200mm	344-230-30EDT	344-234-30EDT
4mm	200mm	344-230-40EDT	344-234-40EDT
5mm	200mm	344-230-50EDT	344-234-50EDT
6mm	200mm	344-230-60EDT	344-234-60EDT

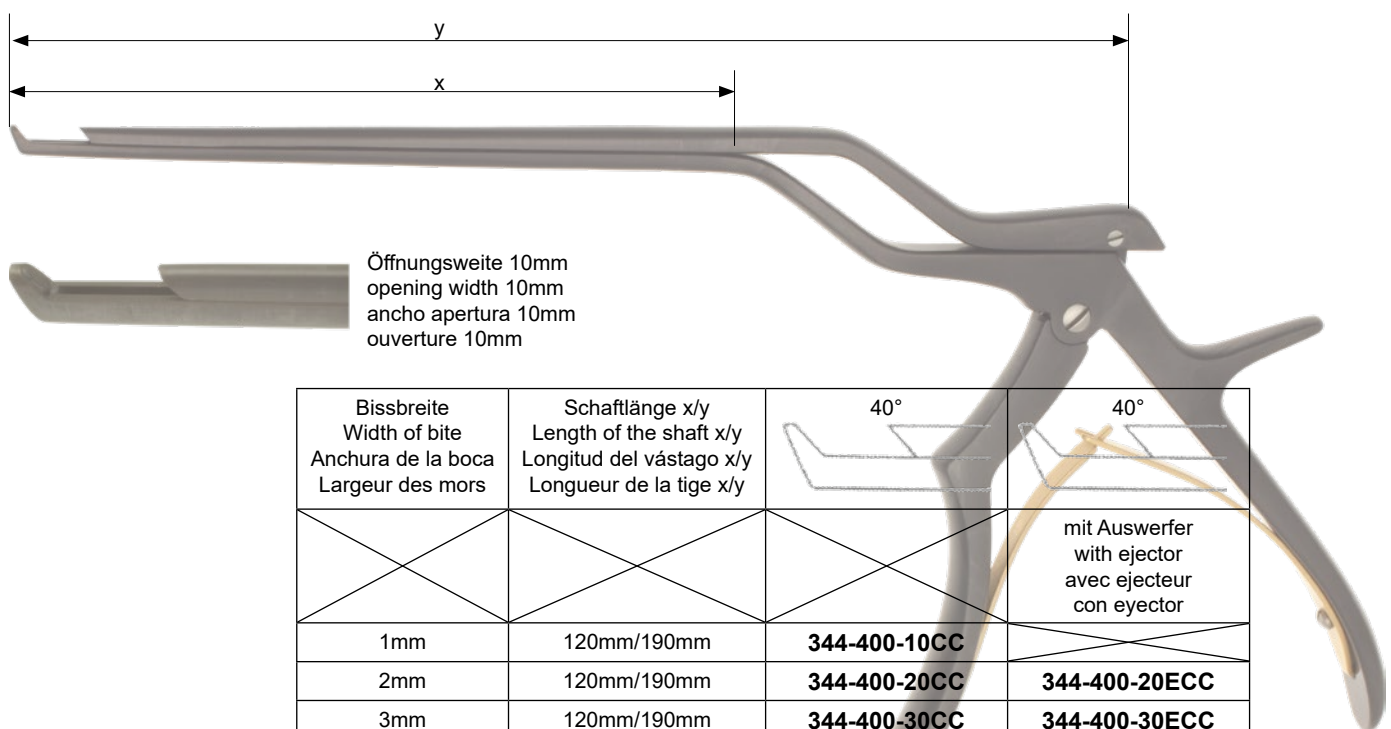
Öffnungsweite 10mm • opening width 10mm • ancho apertura 10mm • overture 10mm

Auswerfer, zerlegbar und Keramik beschichtet (TiALN) • ejector, detachable and ceramic coated (TiALN)
 eyector, desmontable y cubierto ceramica (TiALN) • ejecteur, decomposable et couche ceramique (TiALN)

Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge Length of the shaft Longitud del vástago Longueur de la tige	90°	40°
2mm	180mm	344-220-20EDTCC	344-224-20EDTCC
3mm	180mm	344-220-30EDTCC	344-224-30EDTCC
4mm	180mm	344-220-40EDTCC	344-224-40EDTCC
5mm	180mm	344-220-50EDTCC	344-224-50EDTCC
6mm	180mm	344-220-60EDTCC	344-224-60EDTCC
2mm	200mm	344-230-20EDTCC	344-234-20EDTCC
3mm	200mm	344-230-30EDTCC	344-234-30EDTCC
4mm	200mm	344-230-40EDTCC	344-234-40EDTCC
5mm	200mm	344-230-50EDTCC	344-234-50EDTCC
6mm	200mm	344-230-60EDTCC	344-234-60EDTCC



Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge x/y Length of the shaft x/y Longitud del vástago x/y Longueur de la tige x/y	40°	40°
			mit Auswerfer with ejector avec ejecteur con eyector
1mm	120mm/190mm	344-400-10	
2mm	120mm/190mm	344-400-20	344-400-20E
3mm	120mm/190mm	344-400-30	344-400-30E
4mm	120mm/190mm	344-400-40	344-400-40E
5mm	120mm/190mm	344-400-50	344-400-50E
6mm	120mm/190mm	344-400-60	344-400-60E



Bissbreite Width of bite Anchura de la boca Largeur des mors	Schaftlänge x/y Length of the shaft x/y Longitud del vástago x/y Longueur de la tige x/y	40°	40°
			mit Auswerfer with ejector avec ejecteur con eyector
1mm	120mm/190mm	344-400-10CC	
2mm	120mm/190mm	344-400-20CC	344-400-20ECC
3mm	120mm/190mm	344-400-30CC	344-400-30ECC
4mm	120mm/190mm	344-400-40CC	344-400-40ECC
5mm	120mm/190mm	344-400-50CC	344-400-50ECC
6mm	120mm/190mm	344-400-60CC	344-400-60ECC



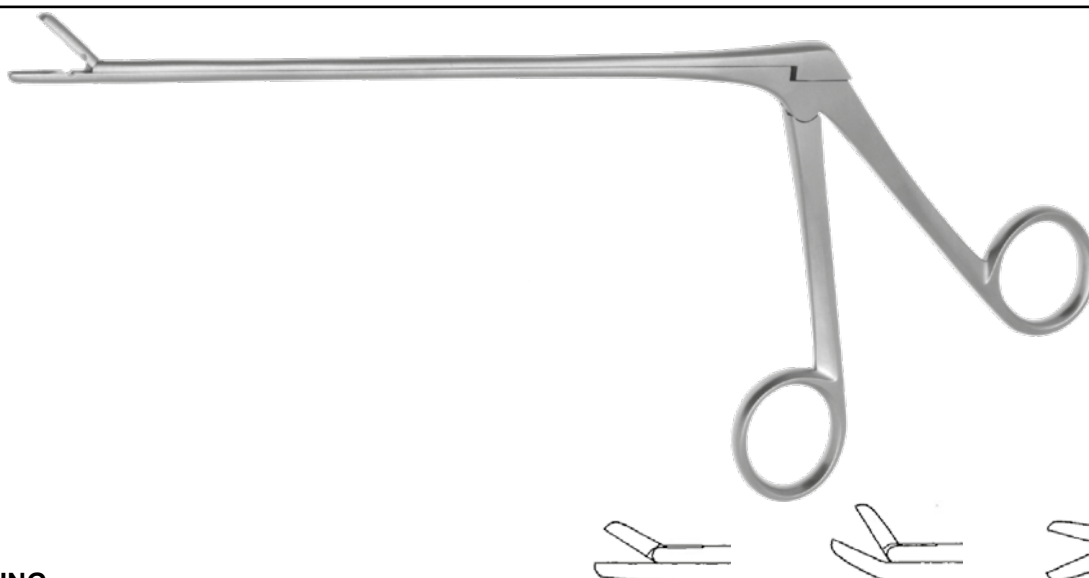
FERRIS-SMITH

Maulteil jaws boca mors	Schaftlänge length of the shaft longitud del vástago longueur de la tige	gerade straight recta droit	aufwärts upwards hacia arriba vers le haut	abwärts downwards hacia abajo vers le bas
2,0 x 10mm	180mm	344-710	344-741	344-771
3,0 x 10mm	180mm	344-712	344-743	344-773
4,0 x 10mm	180mm	344-714	344-745	344-775
6,0 x 10mm	180mm	344-718	344-746	

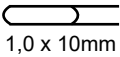
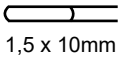
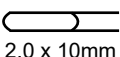


WEIL-BLAKSLEY

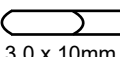
Maulteil jaws boca mors	Schaftlänge length of the shaft longitud del vástago longueur de la tige	gerade straight recta droit	aufwärts upwards hacia arriba vers le haut
2,5mm	180mm	346-900	346-901
3,0mm	180mm	346-910	346-911
3,5mm	180mm	346-920	346-921
4,0mm	180mm	346-930	346-931
4,5mm	180mm	346-940	346-941
5,0mm	180mm	346-950	346-951
5,5mm	180mm	346-960	346-961



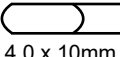
CUSHING

 1,0 x 10mm	130mm	346-000	346-033	346-037
	150mm	346-100	346-103	346-107
	180mm	346-200	346-203	346-207
 1,5 x 10mm	130mm	346-010	346-013	346-017
	150mm	346-110	346-113	346-117
	180mm	346-210	346-213	346-217
	200mm	346-310	346-313	346-317
 2,0 x 10mm	130mm	346-020	346-023	346-027
	150mm	346-120	346-123	346-127
	180mm	346-220	346-223	346-227
	200mm	346-320	346-323	346-327

LOVE-GRUENWALD

 3,0 x 10mm	130mm	346-030	346-033	346-037
	150mm	346-130	346-133	346-137
	180mm	346-230	346-233	346-237
	200mm	346-330	346-333	346-337

SPURLING

 4,0 x 10mm	130mm	346-040	346-043	346-047
	150mm	346-140	346-143	346-147
	180mm	346-240	346-243	346-247
	200mm	346-340	346-343	346-347

CUSHING „e-move“ zerlegbar, detachable, decomposable, desmontable

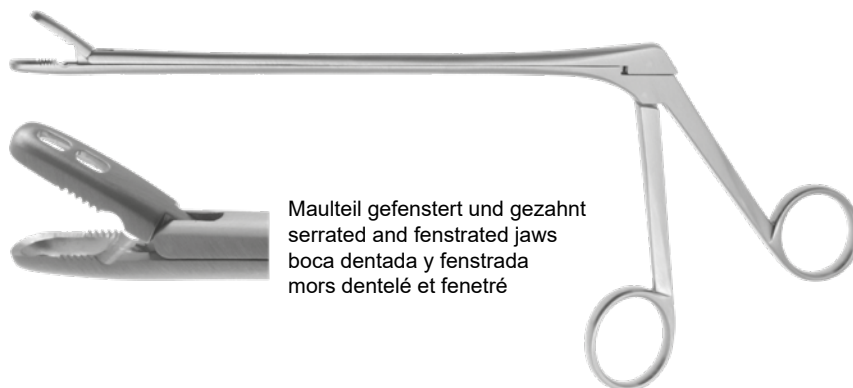
2,0 x 10mm	130mm	346-020DT	346-023DT	346-027DT
	180mm	346-220DT	346-223DT	346-227DT

LOVE-GRUENWALD „e-move“ zerlegbar, detachable, decomposable, desmontable

3,0 x 10mm	130mm	346-030DT	346-033DT	346-037DT
	180mm	346-230DT	346-233DT	346-237DT

SPURLING „e-move“ zerlegbar, detachable, decomposable, desmontable

4,0 x 10mm	130mm	346-040DT	346-043DT	346-047DT
	180mm	346-240DT	346-243DT	346-247DT



CASPAR LAMINECTOMY RONGEURS

Maulteil jaws boca mors	Schaftlänge length of the shaft longitud del vástago longueur de la tige	gerade straight recta droit	aufwärts upwards hacia arriba vers le haut	abwärts downwards hacia abajo vers le bas
2,0 x 12mm	140mm	347-000-14	347-001-14	347-003-14
3,0 x 12mm	140mm	347-010-14	347-011-14	347-013-14
4,0 x 14mm	140mm	347-020-14	347-021-14	347-023-14
5,0 x 14mm	140mm	347-030-14	347-031-14	347-033-14
2,0 x 12mm	160mm	347-000-16	347-001-16	347-003-16
3,0 x 12mm	160mm	347-010-16	347-011-16	347-013-16
4,0 x 14mm	160mm	347-020-16	347-021-16	347-023-16
5,0 x 14mm	160mm	347-030-16	347-031-16	347-033-16
2,0 x 12mm	185mm	347-000-18	347-001-18	347-003-18
3,0 x 12mm	185mm	347-010-18	347-011-18	347-013-18
4,0 x 14mm	185mm	347-020-18	347-021-18	347-023-18
5,0 x 14mm	185mm	347-030-18	347-031-18	347-033-18



LANDOLT

Eukleator, Arbeitslänge 155mm, Gesamtlänge 260mm
Enucleator, working length 155mm, total length 260mm

348-9625L biegsamer Schaft,
links schneidend
malleable shaft
cutting the left

348-9625R biegsamer Schaft,
rechts schneidend
malleable shaft
cutting on the right



LANDOLT

Spatelkürette, Arbeitslänge 155mm, Gesamtlänge 260mm
Spatula curette, working length 155mm, total length 260mm

348-9627 biegsamer Schaft,
malleable shaft



LANDOLT-REULEN

Löffel, Arbeitslänge 155mm, Gesamtlänge 260mm
Curette, working length 155mm, total length 260mm

348-9642 Ø 2,5mm



LANDOLT-REULEN

Stumpfes Häkchen, Arbeitslänge 155mm, Gesamtlänge 260mm
Blunt hook, working length 155mm, total length 260mm

348-9643



FAHLBUSCH

Kürette Ø 2,5mm, biegsam,
Arbeitslänge 155mm, Gesamtlänge 260mm
Curette, Ø 2,5mm, malleable,
working length 155mm, total length 260mm

348-9637



HARDY

Kürette Ø 4mm, biegsam,
Arbeitslänge 155mm, Gesamtlänge 260mm
Curette, Ø 4mm, malleable,
working length 155mm, total length 260mm

341-534

		HARDY Arbeitslänge 120mm, Gesamtlänge 240mm Working length 120mm, total length 240mm
	341-500	Kürette, Ø 3mm, 90° aufgewinkelt Curette, Ø 3mm, 90° angled up
	341-501	Kürette, Ø 3mm, 90° abgewinkelt Curette, Ø 3mm, 90° angled down
	341-502	Kürette, Ø 3mm, 90° links gewinkelt Curette, Ø 3mm, 90° left angled
	341-503	Kürette, Ø 3mm, 45° rechts gewinkelt Curette, Ø 3mm, 45° right angled
	341-510	Kürette, Ø 5mm, 90° aufgewinkelt Curette, Ø 5mm, 90° angled up
	341-511	Kürette, Ø 5mm, 90° abgewinkelt Curette, Ø 5mm, 90° angled down
	341-512	Kürette, Ø 5mm, 90° links gewinkelt Curette, Ø 5mm, 90° left angled
	341-513	Kürette, Ø 5mm, 45° rechts gewinkelt Curette, Ø 5mm, 45° right angled
	341-514	Kürette, Ø 5mm, links gebogen Curette, Ø 5mm, curved left
	341-515	Kürette, Ø 5mm, rechts gebogen Curette, Ø 5mm, curved right
	341-531	Mikro Dissektor, 2mm aufwärts gebogen Micro dissector, 2mm, curved up
	341-533	Mikro Dissektor, 2mm abwärts gebogen Micro dissector, 2mm, curved down
	341-538	Implatationsgabel Implant fork
	341-540	Kürette, Ø 4mm, biegsam Curette, Ø 4mm, malleable

CONE

Ringkürette, gerade, Gesamtlänge 230mm
Ring curette, straight, total length 230mm

- 341-520** Ø 3mm
341-522 Ø 6mm
341-524 Ø 8mm



CONE

Ringkürette, gebogen, Gesamtlänge 230mm
Ring curette, curved, total length 230mm

- 341-521** Ø 3mm
341-523 Ø 6mm
341-525 Ø 8mm



NICOLA

Kürette, Arbeitslänge 120mm, Gesamtlänge 240mm
Curette, working length 120mm, total length 240mm

- 341-590** Ø 6,5mm, biegsam
Ø 6,5mm, malleable



NICOLA

Kürette, Arbeitslänge 120mm, Gesamtlänge 240mm
Curette, working length 120mm, total length 240mm

- 341-591** Ø 6,5mm, biegsam,
nach rechts schneidend
Ø 6,5mm, malleable,
cutting to the right



NICOLA

Kürette, Arbeitslänge 120mm, Gesamtlänge 240mm
Curette, working length 120mm, total length 240mm

- 341-593** Ø 6,5mm, biegsam,
nach links schneidend
Ø 6,5mm, malleable,
cutting to the left



HARDY-FAHLBUSCH

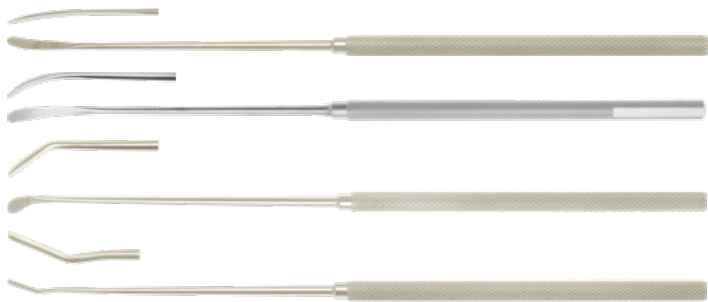
Dissektor, Arbeitslänge 120mm, Gesamtlänge 240mm
Dissector, working length 120mm, total length 240mm

- 341-585L** links schneidend,
Innenkante scharf
cutting on the left,
sharp inner edge



- 341-585R** rechts schneidend,
Innenkante scharf
cutting on the right,
sharp inner edge





YASARGIL

Raspatorium, Gesamtlänge 185mm
Raspatory, total length 185mm

- 360-401** leicht gebogen / slightly curved
- 360-402** stark gebogen / strong curved
- 360-403** abgewinkelt / angled
- 360-404** abgewinkelt / angled



YASARGIL

Raspatorium, Gesamtlänge 185mm
Raspatory, total length 185mm

- 360-406** stark aufgebogen / heavy curved up



YASARGIL

Dissektor, Gesamtlänge 185mm
Dissector, total length 185mm

- 360-410** abgewinkelt / angled



YASARGIL

Kürette, Gesamtlänge 185mm
Curette, total length 185mm

- 360-430**



YASARGIL

Gefäßmesser, Gesamtlänge 185mm
Vessel knife, total length 185mm

- 360-466** aufgebogen / curved upwards
- 360-467** abgebogen / curved downwards



KOOS

Gefäßmesser, Gesamtlänge 185mm
Vessel knife, total length 185mm

- 360-453** aufgebogen / curved upwards
- 360-454** abgebogen / curved downwards



JACOBSON

Gefäßmesser, Gesamtlänge 185mm
Vessel knife, total length 185mm

- 360-450**



JACOBSON

Knopfsonde Gesamtlänge 185mm
Probe with ball point, total length 185mm

- 360-420**



JACOBSON

Doppelsonde Gesamtlänge 185mm
Vessel probe and supporter, total length 185mm

- 360-422**

Gefäßdilator, Gesamtlänge 125mm
Vessel dilator, total length 125mm

- 360-423** Ø 0,5mm
- 360-424** Ø 1,0mm
- 360-425** Ø 1,5mm



KRAYENBUEHL

Nerven- und Gefäßhäkchen, Gesamtlänge 185mm
Nerve and vessel hook, total length 185mm

360-600 stumpf, kurz / blunt, short



360-601 stumpf, lang / blunt, long



360-602 geknöpft, kurz / ball pointed, short



360-603 geknöpft, lang / ball pointed, long



YASRAGIL

Fadenführer, geknöpft, Gesamtlänge 185mm
Ligature guide, probe ended, total length 185mm

360-840 leicht gebogen / slightly curved

360-841 stark gebogen / strong curved

360-842 sehr stark gebogen / very strong curved

360-843 90° abgewinkelt / angled 90°



CASPAR

Dissektor, Arbeitslänge 100mm, Gesamtlänge 230mm
Dissector, working length 100mm, total length 230mm

348-9305 abgebogen, 4,5mm breit
curved downwards, width 4,5mm

348-9307 abgebogen, 2,0mm breit
curved downwards, width 2,0mm



CASPAR

Mikro Dissektor, Arbeitslänge 100mm, Gesamtlänge 210mm
Micro dissector, working length 100mm, total length 210mm

348-9311 aufgebogen, 1mm breit
curved upwards, width 1mm



SAMII

Tumormesser, Gesamtlänge 230mm
Tumor knife, total length 230mm

348-0510 1,0mm

348-0511 1,5mm

348-0512 2,0mm

348-0513 2,5mm

348-0514 3,0mm

348-0515 3,5mm

348-0516 4,0mm

348-0517 4,5mm

348-0518 5,0mm





RHOTON

kompletter Satz bestehend aus 19 Instrumenten und Sotiergestell

Set complete consisting of 19 micro-instruments and rack

365-001-00

365-001-00T Titan, Titanium



Dissektor, 45° abgewinkelt, rund Ø 1mm, Gesamtlänge 190mm
Dissector, angled 45°, round, Ø 1mm, total length 190mm

365-001-01

365-001-01T Titan, Titanium



Dissektor, 45° abgewinkelt, rund Ø 2mm, Gesamtlänge 190mm
Dissector, angled 45°, round, Ø 2mm, total length 190mm

365-001-02

365-001-02T Titan, Titanium



Dissektor, 45° abgewinkelt, rund Ø 3mm, Gesamtlänge 190mm
Dissector, angled 45°, round, Ø 3mm, total length 190mm

365-001-03

365-001-03T Titan, Titanium



Elevatorium, abgewinkelt, 1,2mm breit, Gesamtlänge 190mm
Elevator, angled, width 1,2mm, total length 190mm

365-001-04

365-001-04T Titan, Titanium



Elevatorium, gebogen, 2,8mm breit, Gesamtlänge 190mm
Elevator, curved, width 2,8mm, total length 190mm

365-001-05

365-001-05T Titan, Titanium



Spatel-Dissektor, 1,0mm breit, Gesamtlänge 190mm
Spatula-Dissector, width 1,0mm, total length 190mm

365-001-06

365-001-06T Titan, Titanium



Spatel-Dissektor, 1,5mm breit, Gesamtlänge 190mm
Spatula-Dissector, width 1,5mm, total length 190mm

365-001-07

365-001-07T Titan, Titanium



Spatel-Dissektor, 2,0mm breit, Gesamtlänge 190mm
Spatula-Dissector, width 2,0mm, total length 190mm

365-001-08

365-001-08T Titan, Titanium

Häkchen, 90° abgewinkelt, 2mm, halbscharf, Gesamtlänge 190mm
Hook, angled 90°, semi-sharp, total length 190mm

365-001-09

365-001-09T Titan, Titanium



Häkchen, 90° abgewinkelt, 2mm, stumpf, Gesamtlänge 190mm
Hook, angled 90°, 2mm, blunt, total length 190mm

365-001-10

365-001-10T Titan, Titanium



Häkchen, 45° abgewinkelt, 3mm, halbscharf, Gesamtlänge 190mm
Hook, angled 45°, 3mm, semi-sharp, total length 190mm

365-001-11

365-001-11T Titan, Titanium



Nadel, gerade, spitz, Gesamtlänge 190mm
Needle, straight, sharp, total length 190mm

365-001-12

365-001-12T Titan, Titanium



scharfer Löffel, gerade, 1x2mm oval, Gesamtlänge 190mm
Curette, straight, 1x2mm oval, total length 190mm

365-001-13

365-001-13T Titan, Titanium



scharfer Löffel, abgewinkelt, 1x2mm oval, Gesamtlänge 190mm
Curette, angled, 1x2mm oval, total length 190mm

365-001-14

365-001-14T Titan, Titanium



Kugel-Dissektor, gerade, Gesamtlänge 190mm
Ball-dissector straight, total length 190mm

365-001-15

365-001-15T Titan, Titanium



Kugel Dissektor, 90° abgewinkelt, 3mm, Gesamtlänge 190mm
Ball-dissector, angled 90°, 3mm, total length 190mm

365-001-16

365-001-16T Titan, Titanium



Kugel-Dissektor, 90° abgewinkelt, 5mm, Gesamtlänge 190mm
Ball-dissector, angled 90°, 5mm, total length 190mm

365-001-17

365-001-17T Titan, Titanium



Kugel-Dissektor, 40° abgewinkelt, 4mm, Gesamtlänge 190mm
Ball-dissector, angled 40°, 4mm, total length 190mm

365-001-18

365-001-18T Titan, Titanium



Kugel-Dissektor, 40° abgewinkelt, 8mm, Gesamtlänge 190mm
Ball-dissector, angled 40°, 8mm, total length 190mm

365-001-19

365-001-19T Titan, Titanium



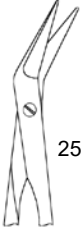


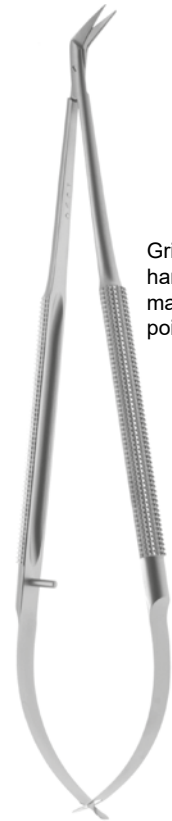
cervicale Mikrodisektomie Kürette
cervical micro disectomy curette

	Länge length longitud longueur	Fig.0 3,0mm	Fig.00 2,7mm	Fig.000 2,4mm	Fig.0000 1,6mm
vorwärts, gerade forward, straight	210mm	360-700-21	360-701-21	360-702-21	360-703-21
	240mm	360-700-24	360-701-24	360-702-24	360-703-24
vorwärts, abgewinkelt forward, angled	210mm	360-710-21	360-711-21	360-712-21	360-713-21
	240mm	360-710-24	360-711-24	360-712-24	360-713-24
rückwärts, gerade backward, straight	210mm	360-720-21	360-721-21	360-722-21	360-723-21
	240mm	360-720-24	360-721-24	360-722-24	360-723-24
rückwärts, abgewinkelt backward, angled	210mm	360-730-21	360-731-21	360-732-21	360-733-21
	240mm	360-730-24	360-731-24	360-732-24	360-733-24

lumbale Mikrodisektomie Kürette
lumbalr micro disectomy curette

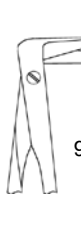
	Länge length longitud longueur	Fig.0 3,0mm	Fig.1 3,5mm	Fig.2 4,0mm
vorwärts, gerade forward, straight	240mm	360-740-24	360-741-24	360-742-24
vorwärts, abgewinkelt forward, up angled	240mm	360-750-24	360-751-24	360-752-24
vorwärts, abwärts foward, down angled	240mm	360-760-24	360-761-24	360-762-24
rückwärts, gerade backward, straight	240mm	360-770-24	360-771-24	360-772-24
rückwärts, abgewinkelt backward, angled	240mm	360-780-24	360-781-24	360-782-24
rückwärts, abwärts backward, down angled	240mm	360-790-24	360-791-24	360-792-24

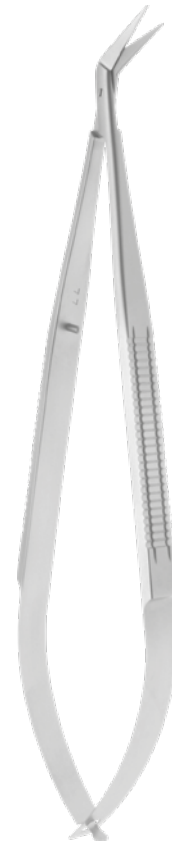
Blatt blade hojas lame	 25°	 45°	 60°	 90°	 125°
geknöpft, 14mm probepointed, 14mm abotonado, 14mm boutonnée, 14mm	126-021	126-023	126-025	126-027	126-029
Standard, 14mm standard, 14mm estándar, 14mm standard, 14mm	126-031	126-033	126-035	126-037	126-039
fein, 10mm delicate, 10mm fina, 10mm fine, 10mm	126-041	126-043	126-045	126-047	126-049
sehr fein, 7mm very delicate, 7mm muy fina, 7mm trés fine, 7mm	126-051	126-053	126-055	126-057	126-059



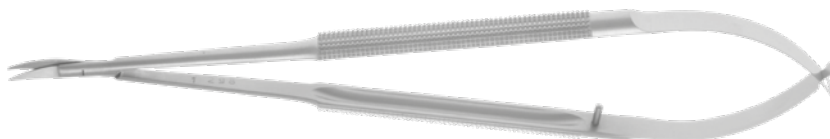
Griff ø 8mm
handle ø 8mm
mango ø 8mm
poignée ø 8mm

180mm, 7"

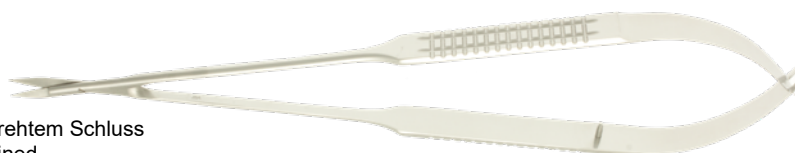
Blatt blade lame hojas	 25°	 45°	 60°	 90°	 125°
geknöpft, 14mm probepointed, 14mm abotonado, 14mm boutonnée, 14mm	126-061	126-063	126-065	126-067	126-069
Standard, 14mm standard, 14mm estándar, 14mm standard, 14mm	126-071	126-073	126-075	126-077	126-079
fein, 10mm delicate, 10mm fina, 10mm fine, 10mm	126-081	126-083	126-085	126-087	126-089
sehr fein, 7mm very delicate, 7mm muy fina, 7mm trés fine, 7mm	126-091	126-093	126-095	126-097	126-099



180mm, 7"



Blattlänge length of blade largo de la hoja longueur lame	10mm, spitz 10mm, sharp 10mm, punta 10mm, pointu	10mm, spitz 10mm, sharp 10mm, punta 10mm, pointu	10mm, stumpf 10mm, stumpf 10mm, romo 10mm, mousse	10mm, stumpf 10mm, stumpf 10mm, romo 10mm, mousse	14mm, spitz 14mm, sharp 14mm, punta 14mm, pointu	14mm, spitz 14mm, sharp 14mm, punta 14mm, pointu	14mm, stumpf 14mm, stumpf 14mm, romo 14mm, mousse	14mm, stumpf 14mm, stumpf 14mm, romo 14mm, mousse
Gesamtlänge total length longitud total longueur totale	gerade straight recta droite	gebogen curved curva courbée	gerade straight recta droite	gebogen curved curva courbée	gerade straight recta droite	gebogen curved curva courbée	gerade straight recta droite	gebogen curved curva courbée
150mm	127-100-15	127-101-15	127-102-15	127-103-15	127-140-15	127-141-15	127-142-15	127-143-15
180mm	127-100-18	127-101-18	127-102-18	127-103-18	127-140-18	127-141-18	127-142-18	127-143-18
210mm	127-100-21	127-101-21	127-102-21	127-103-21	127-140-21	127-141-21	127-142-21	127-143-21
230mm	127-100-23	127-101-23	127-102-23	127-103-23	127-140-23	127-141-23	127-142-23	127-143-23

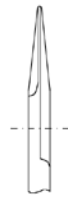


mit gedrehtem Schluss
streamlined

Blattlänge length of blade largo de la hoja longueur lame	10mm, spitz 10mm, sharp 10mm, punta 10mm, pointu	10mm, spitz 10mm, sharp 10mm, punta 10mm, pointu	10mm, stumpf 10mm, stumpf 10mm, romo 10mm, mousse	10mm, stumpf 10mm, stumpf 10mm, romo 10mm, mousse	14mm, spitz 14mm, sharp 14mm, punta 14mm, pointu	14mm, spitz 14mm, sharp 14mm, punta 14mm, pointu	14mm, stumpf 14mm, stumpf 14mm, romo 14mm, mousse	14mm, stumpf 14mm, stumpf 14mm, romo 14mm, mousse
Gesamtlänge total length longitud total longueur totale	gerade straight recta droite	gebogen curved curva courbée	gerade straight recta droite	gebogen curved curva courbée	gerade straight recta droite	gebogen curved curva courbée	gerade straight recta droite	gebogen curved curva courbée
150mm	127-600-16	127-601-16	127-602-16	127-603-16	127-640-16	127-641-16	127-642-16	127-643-16
180mm	127-600-18	127-601-18	127-602-18	127-603-18	127-640-18	127-641-18	127-642-18	127-643-18
210mm	127-600-21	127-601-21	127-602-21	127-603-21	127-640-21	127-641-21	127-642-21	127-643-21
230mm	127-600-23	127-601-23	127-602-23	127-603-23	127-640-23	127-641-23	127-642-23	127-643-23



YASARGIL
127-700 - 127-705



127-700
165mm, 6 1/2"



127-701
165mm, 6 1/2"



127-702
200mm, 8"



127-703
200mm, 8"



127-705
200mm, 8"



YASARGIL
127-710 - 127-711



127-710
200mm, 8"



127-711
200mm, 8"



127-730
225mm, 9"



127-731
225mm, 9"



127-730Z
225mm, 9"
gezahnt
serrated
dentada
dentelées



127-748
225mm, 9"



127-749
225mm, 9"



127-740
225mm, 9"



127-741
225mm, 9"



127-736
245mm, 9 3/4"



127-737
245mm, 9 3/4"



YASARGIL
127-730 - 127-749

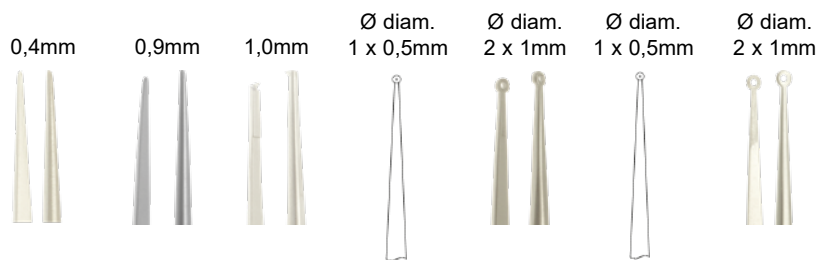


	Länge length longitud longueur	0,3mm ohne Fadenplatte without platform sin plataforma sans plateau		0,3x6mm mit Fadenplatte with platform con plataforma avec plateau		0,3x6mm mit Fadenplatte with platform con plataforma avec plateau	
							
	150mm 6"	143-300	143-301	143-302	143-303	143-304	143-305
	180mm 7"	143-310	143-311	143-312	143-313	143-314	143-315
	210mm 8 1/4"	143-320	143-321	143-322	143-323	143-324	143-325
230mm 9"	143-330	143-331	143-332	143-333	143-334	143-335	
Maul diamantiert Jaws diamond dusted boca diamantada mors diamanté	150mm 6"	143-300D	143-301D	143-302D	143-303D	143-304D	143-305D
	180mm 7"	143-310D	143-311D	143-312D	143-313D	143-314D	143-315D
	210mm 8 1/4"	143-320D	143-321D	143-322D	143-323D	143-324D	143-325D
	230mm 9"	143-330D	143-331D	143-332D	143-333D	143-334D	143-335D
	Auch aus Titan lieferbar, Also available from titanium Tambien suministrable en titanio, Aussi livrable en titane						

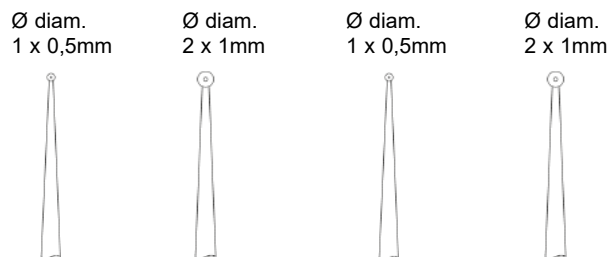
	Länge length longitud longueur	0,7mm ohne Fadenplatte without platform sin plataforma sans plateau		0,7x6mm mit Fadenplatte with platform con plataforma avec plateau		0,7x6mm mit Fadenplatte with platform con plataforma avec plateau	
							
	150mm 6"	143-340	143-341	143-342	143-343	143-344	143-345
	180mm 7"	143-350	143-351	143-352	143-353	143-354	143-355
	210mm 8 1/4"	143-360	143-361	143-362	143-363	143-364	143-365
230mm 9"	143-370	143-371	143-372	143-373	143-374	143-375	
Maul diamantiert Jaws diamond dusted boca diamantada mors diamanté	150mm 6"	143-340D	143-341D	143-342D	143-343D	143-344D	143-345D
	180mm 7"	143-350D	143-351D	143-352D	143-353D	143-354D	143-355D
	210mm 8 1/4"	143-360D	143-361D	143-362D	143-363D	143-364D	143-365D
	230mm 9"	143-370D	143-371D	143-372D	143-373D	143-374D	143-375D
	Auch aus Titan lieferbar, Also available from titanium Tambien suministrable en titanio, Aussi livrable en titane						

TUMOR- UND GEWEBE PINZETTEN
TUMOR AND TISSUE GRASPING FORCEPS
PINZAS PARA TUMORES Y TEJIDOS
PINCES A TUMEUR ET TISSU

ELCON
MICRO



Länge, length largo, longueur mm, inch.	glatt smooth lisa lisses	glatt smooth lisa lisses	1x2 Zähne 1x2 teeth 1x2 dientes 1x2 griffes	glatt smooth lisa lisses	glatt smooth lisa lisses	gerieft serrated estriado striée	gerieft serrated estriado striée
180mm, 7"	143-800	143-810	143-820				
200mm, 8"	143-802	143-812					
225mm, 9"	143-804	143-814		143-830	143-840	143-832	143-842
240mm, 9 1/2"	143-806	143-816					
Maul diamantiert = D hinter der Kat. Nr. jaws diamond dusted = D behind Cat. No. boca diamantado = D tras del código mors diamanté = D après le numero							
Auch aus Titan lieferbar, Also available from Titan Tambien suministrable en titanio, Aussi livrable en titane							

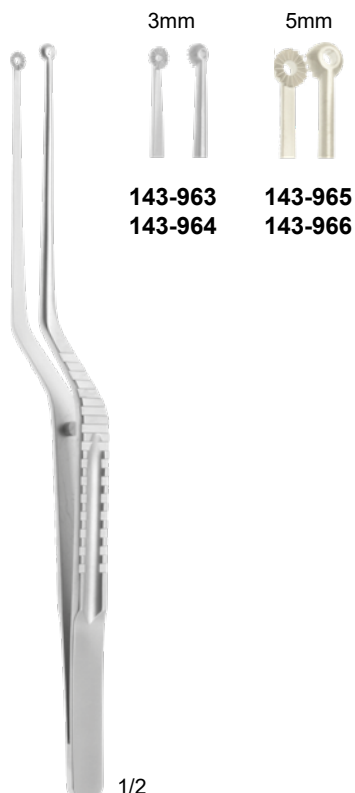


Länge, length largo, longueur mm, inch.	glatt smooth lisa lisses	glatt smooth lisa lisses	gerieft serrated estriado striée	gerieft serrated estriado striée
150mm, 6"	143-400	143-410	143-420	143-430
180mm, 7"	143-402	143-412	143-422	143-432
210mm, 8 1/4"	143-404	143-414	143-424	143-434
230mm, 9"	143-406	143-416	143-426	143-436
Maul diamantiert = D hinter der Kat. Nr. jaws diamond dusted = D behind Cat. No. boca diamantado = D tras del código mors diamanté = D après le numero				
Auch aus Titan lieferbar, Also available from Titan Tambien suministrable en titanio, Aussi livrable en titane				





HUNT
143-975
200mm, 8"



YASARGIL
143-963 200mm, 8" **143-965**
143-964 225mm, 8 7/8" **143-966**



HUNT
143-971
200mm, 8"



YASARGIL - SAMII
143-903
240mm, 9 1/2"



YASARGIL
143-923
225mm, 8 7/8"



YASARGIL
143-925
225mm, 8 7/8"



143-907
240mm, 9 1/2"

löffelförmig
spoon shaped
forma cuchara
forme cuillère



YASARGIL
143-913
225mm, 8 7/8"



HEIFETZ
143-933
225mm, 8 7/8"



YASARGIL
143-915
225mm, 8 7/8"



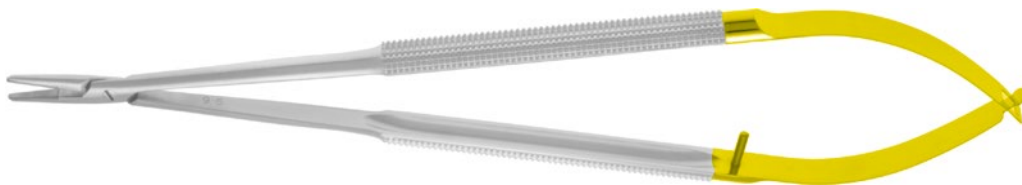
HEIFETZ
143-935
225mm, 8 7/8"



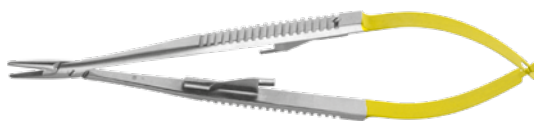
YASARGIL
143-917
225mm, 8 7/8"



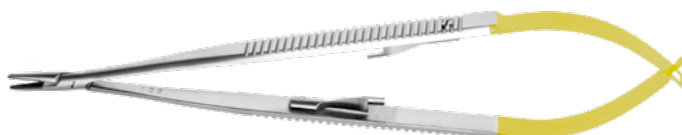
	Länge length longitud longueur	1,2mm breit width 1,2mm anchura 1,2mm largeur 1,2mm  Grip 0,3mm	1,2mm breit width 1,2mm anchura 1,2mm largeur 1,2mm  Grip 0,3mm	1,5mm breit width 1,5mm anchura 1,5mm largeur 1,5mm  Grip 0,3mm	1,5mm breit width 1,5mm anchura 1,5mm largeur 1,5mm  Grip 0,3mm	1,8mm breit width 1,8mm anchura 1,8mm largeur 1,8mm  Grip 0,3mm	1,8mm breit width 1,8mm anchura 1,8mm largeur 1,8mm  Grip 0,3mm
mit Sperre with lock con cremallera avec crémaillère	150mm	200-720-15	200-721-15	200-722-15	200-723-15	200-724-15	200-725-15
	180mm	200-720-18	200-721-18	200-722-18	200-723-18	200-724-18	200-725-18
	210mm	200-720-21	200-721-21	200-722-21	200-723-21	200-724-21	200-725-21
	230mm	200-720-23	200-721-23	200-722-23	200-723-23	200-724-23	200-725-23
ohne Sperre without ratchet sin cremallera sans crémaillère	150mm	200-760-15	200-761-15	200-762-15	200-763-15	200-764-15	200-765-15
	180mm	200-760-18	200-761-18	200-762-18	200-763-18	200-764-18	200-765-18
	210mm	200-760-21	200-761-21	200-762-21	200-763-21	200-764-21	200-765-21
	230mm	200-760-23	200-761-23	200-762-23	200-763-23	200-764-23	200-765-23



	Länge length longitud longueur	1,2mm breit width 1,2mm anchura 1,2mm largeur 1,2mm 	1,2mm breit width 1,2mm anchura 1,2mm largeur 1,2mm 	1,5mm breit width 1,5mm anchura 1,5mm largeur 1,5mm 	1,5mm breit width 1,5mm anchura 1,5mm largeur 1,5mm 	1,8mm breit width 1,8mm anchura 1,8mm largeur 1,8mm 	1,8mm breit width 1,8mm anchura 1,8mm largeur 1,8mm 
mit Sperre with lock con cremallera avec crémaillère	150mm	200-730-15	200-731-15	200-732-15	200-733-15	200-734-15	200-735-15
	180mm	200-730-18	200-731-18	200-732-18	200-733-18	200-734-18	200-735-18
	210mm	200-730-21	200-731-21	200-732-21	200-733-21	200-734-21	200-735-21
	230mm	200-730-23	200-731-23	200-732-23	200-733-23	200-734-23	200-735-23
ohne Sperre without ratchet sin cremallera sans crémaillère	150mm	200-770-15	200-771-15	200-772-15	200-773-15	200-774-15	200-775-15
	180mm	200-770-18	200-771-18	200-772-18	200-773-18	200-774-18	200-775-18
	210mm	200-770-21	200-771-21	200-772-21	200-773-21	200-774-21	200-775-21
	230mm	200-770-23	200-771-23	200-772-23	200-773-23	200-774-23	200-775-23



	Länge length longitud longueur	Grip 0,2mm	Grip 0,2mm		
mit Sperre with lock con cremallera avec crémaillère	140mm	200-610	200-612	200-611	200-613



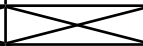
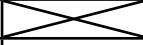
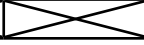
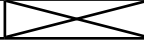
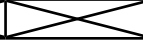
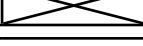
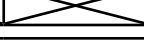
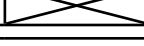
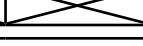
	Länge length longitud longueur	Grip 0,3mm	Grip 0,3mm		
mit Sperre with lock con cremallera avec crémaillère	180mm	200-642	200-643	200-646	200-647
	210mm	200-652	200-653	200-656	200-657
	225mm	200-662	200-663	200-666	200-667
ohne Sperre, without ratchet, sin cremallera, sans crémaillère	180mm	200-640	200-641	200-644	200-645
	210mm	200-650	200-651	200-654	200-655
	225mm	200-660	200-661	200-664	200-665



	Länge length largo longueur	0,4mm	0,4mm	0,9mm	0,9mm
ohne Sperre, without ratchet, sin cremallera, sans crémaillère	200mm, 8"	207-700	207-701	207-702	207-703
	225mm, 9"	207-710	207-711	207-712	207-713
	240mm, 9 1/2"	207-720	207-721	207-722	207-723
Maul diamantiert, jaws diamond dusted, boca diamantada, mors diamanté					
ohne Sperre, without ratchet, sin cremallera, sans crémaillère	200mm, 8"	207-700D	207-701D	207-702D	207-703D
	225mm, 9"	207-710D	207-711D	207-712D	207-713D
	240mm, 9 1/2"	207-720D	207-721D	207-722D	207-723D



Fadenstärke suture size tamaño de la sutura taille de la suture	empfohlene Maulbreite recommended jaw width recommandé largeur de la mâchoire recomendado ancho de mandíbula
10-0	0,2mm
9-0	0,3mm
8-0	0,5mm
7-0	0,8mm
6-0	1,2mm

	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
Länge length longitud longueur	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 
150mm, 6"	207-300	207-301	207-304	207-305	207-302	207-303	207-306	207-307
180mm, 7"	207-310	207-311	207-314	207-315	207-312	207-313	207-316	207-317
210mm, 8 1/4"			207-324	207-325			207-326	207-327
230mm, 9"			207-334	207-335			207-336	207-337
	Maul diamantiert, jaws diamond dusted, boca diamantada, mors diamanté							
	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
150mm, 6"	207-300D	207-301D	207-304D	207-305D	207-302D	207-303D	207-306D	207-307D
180mm, 7"	207-310D	207-311D	207-314D	207-315D	207-312D	207-313D	207-316D	207-317D
210mm, 8 1/4"			207-324D	207-325D			207-326D	207-327D
230mm, 9"			207-334D	207-335D			207-336D	207-337D

TITAN Micro Nadelhalter, TITANIUM Micro Needle Holders, Micro-porta agujas en TITANIO, Micro porte aiguille en TITANE								
	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
Länge length longitud longueur	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 
150mm, 6"	207-300T	207-301T	207-304T	207-305T	207-302T	207-303T	207-306T	207-307T
180mm, 7"	207-310T	207-311T	207-314T	207-315T	207-312T	207-313T	207-316T	207-317T
210mm, 8 1/4"			207-324T	207-325T			207-326T	207-327T
	Maul diamantiert, jaws diamond dusted, boca diamantada, mors diamanté							
	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
150mm, 6"	207-300TD	207-301TD	207-304TD	207-305TD	207-302TD	207-303TD	207-306TD	207-307TD
180mm, 7"	207-310TD	207-311TD	207-314TD	207-315TD	207-312TD	207-313TD	207-316TD	207-317TD
210mm, 8 1/4"			207-324TD	207-325TD			207-326TD	207-327TD



mit gedrehtem Schluss
streamlined

Fadenstärke suture size tamaño de la sutura taille de la suture	empfohlene Maulbreite recommended jaw width recommandé largeur de la mâchoire recomendado ancho de mandíbula
10-0	0,2mm
9-0	0,3mm
8-0	0,5mm
7-0	0,8mm
6-0	1,2mm

	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
Länge length longitud longueur	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 
150mm, 6"	207-100	207-101	207-104	207-105	207-102	207-103	207-106	207-107
180mm, 7"	207-120	207-121	207-124	207-125	207-122	207-123	207-126	207-127
210mm, 8 1/4"			207-134	207-135			207-136	207-137
230mm, 9"			207-144	207-145			207-146	207-147
Maul diamantiert, jaws diamond dusted, boca diamantada, mors diamanté								
	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
150mm, 6"	207-100D	207-101D	207-104D	207-105D	207-102D	207-103D	207-106D	207-107D
180mm, 7"	207-120D	207-121D	207-124D	207-125D	207-122D	207-123D	207-126D	207-127D
210mm, 8 1/4"			207-134D	207-135D			207-136D	207-137D
230mm, 9"			207-144D	207-145D			207-146D	207-147D

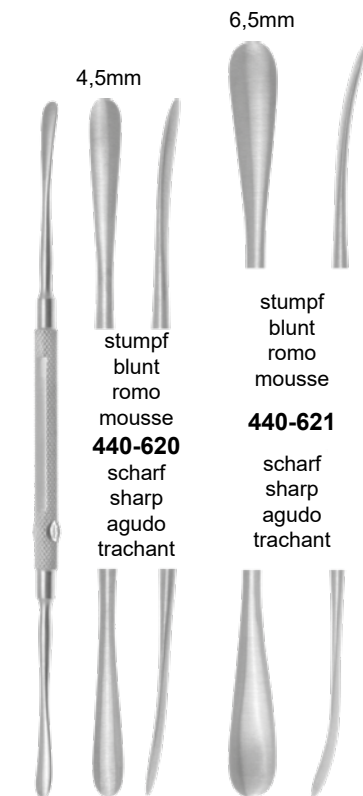
**TITAN Micro Nadelhalter, TITANIUM Micro Needle Holders,
Micro-porta agujas en TITANIO, Micro porte aiguille en TITANE**

	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
Länge length longitud longueur	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 	11x0,4mm 	11x0,4mm 	11x0,8mm 	11x0,8mm 
150mm, 6"	207-100T	207-101T	207-104T	207-105T	207-102T	207-103T	207-106T	207-107T
180mm, 7"	207-120T	207-121T	207-124T	207-125T	207-122T	207-123T	207-126T	207-127T
210mm, 8 1/4"			207-134T	207-135T			207-136T	207-137T
Maul diamantiert, jaws diamond dusted, boca diamantada, mors diamanté								
	ohne Sperre, without ratchet, sin cremallera, sans crémaillère				mit Sperre, with lock, con cremallera, avec crémaillère			
150mm, 6"	207-100TD	207-101TD	207-104TD	207-105TD	207-102TD	207-103TD	207-106TD	207-107TD
180mm, 7"	207-120TD	207-121TD	207-124TD	207-125TD	207-122TD	207-123TD	207-126TD	207-127TD
210mm, 8 1/4"			207-134TD	207-135TD			207-136TD	207-137TD



FREER
440-615 190mm, 7 1/2"
scharf
sharp
agudo
aigu

440-616
stumpf
blunt
romo
mousse



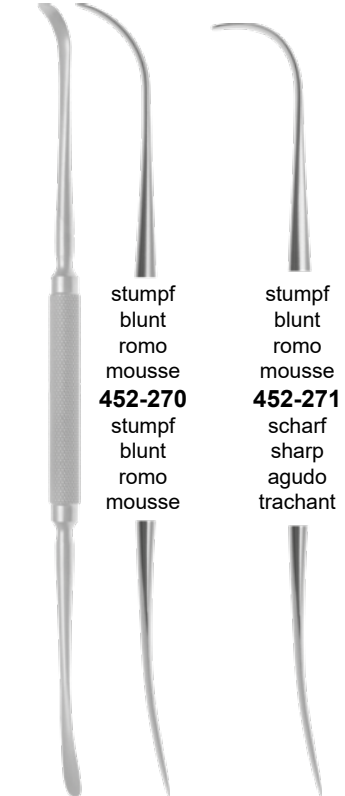
FREER
440-620 185mm, 7 1/4"
440-621 200mm, 8"

4,5mm

stumpf
blunt
romo
mousse
440-620
scharf
sharp
agudo
trachant

6,5mm

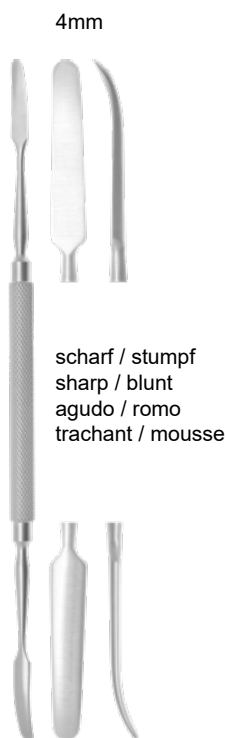
stumpf
blunt
romo
mousse
440-621
scharf
sharp
agudo
trachant



OBWEGGESER-FREER
452-270 210mm, 8 1/4"
452-271 205mm, 8"

stumpf
blunt
romo
mousse
452-270
stumpf
blunt
romo
mousse

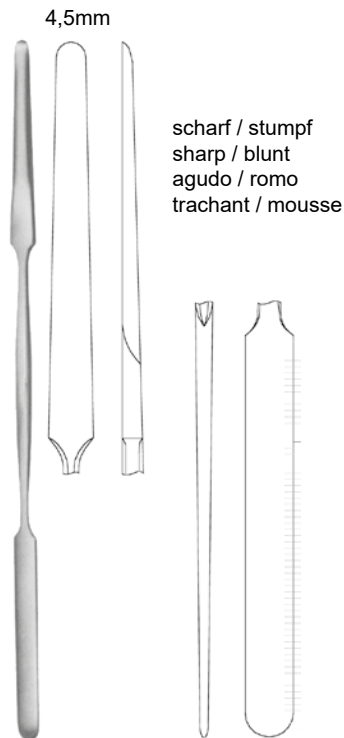
stumpf
blunt
romo
mousse
452-271
scharf
sharp
agudo
trachant



KILLIAN
440-603
180mm, 7"

4mm

scharf / stumpf
sharp / blunt
agudo / romo
trachant / mousse



KILLIAN
440-602
185mm, 7 1/4"

scharf / stumpf
sharp / blunt
agudo / romo
trachant / mousse



HOWARTH
440-626
215mm, 8 1/2"

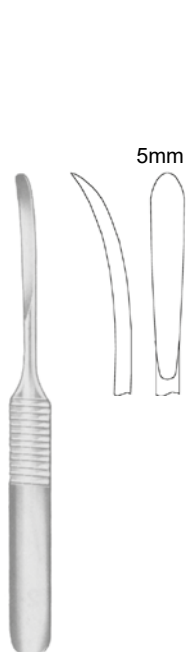
5,5mm

scharf / stumpf
sharp / blunt
agudo / romo
trachant / mousse

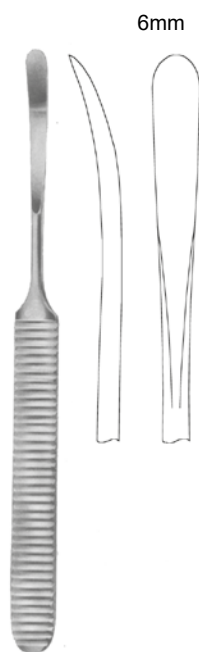


FREER-YASARGIL
440-627
185mm, 7 1/4"

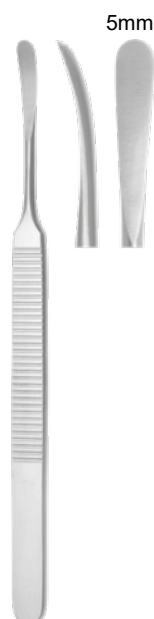
scharf
sharp
agudo
trachant



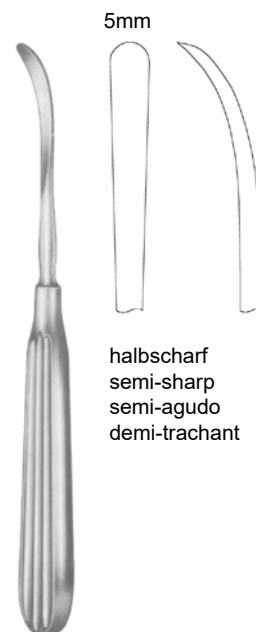
WILLIGER
410-300
130mm, 5"



WILLIGER
410-302
160mm, 6 1/4"

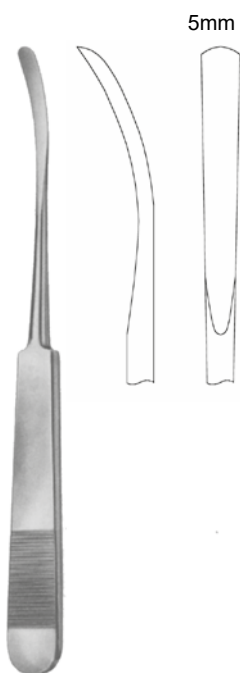


KÖNIG
410-306
155mm, 6"



LOVE-ADSON
340-966
170mm, 6 3/4"

halbscharf
semi-sharp
semi-agudo
demi-trachant



ADSON
340-954
165mm, 6 1/2"



CUSHING
340-912 - 340-915



340-912
175mm, 7"



340-913
175mm, 7"



340-914
195mm, 7 3/4"



340-915
195mm, 7 3/4"



7mm



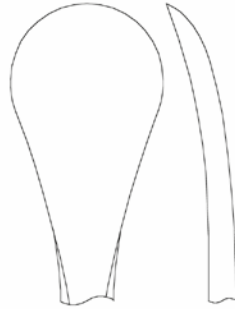
340-950
175mm, 7 1/4"

15mm



340-951
185mm, 7 1/4"

20mm



340-952
190mm, 7 1/2"

voller Griff
solid handle
mango pleno
manche massive

HOEN
340-950 - 340-952



8mm



voller Griff
solid handle
mango pleno
manche massive

CUSHING
340-929
170mm, 6 3/4"

6mm



CUSHING
340-910
150mm, 6"
(Little Joker)

6mm



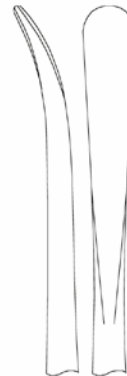
PENNYBAKER
340-935
165mm, 6 1/2"

8mm



340-960
scharf
sharp
agudo
trachant

7mm



340-961
stumpf
blunt
romo
mousse

7mm



340-962
halbscharf
semi-sharp
semi-agudo
demi trachant

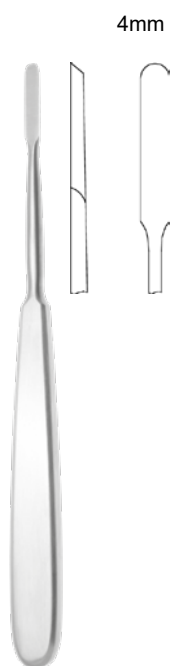
7mm



340-963
halbscharf
semi-sharp
semi-agudo
demi trachant



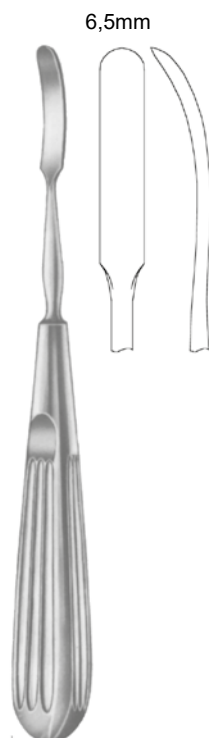
ADSON
340-960 - 340-963
170mm, 6 3/4"



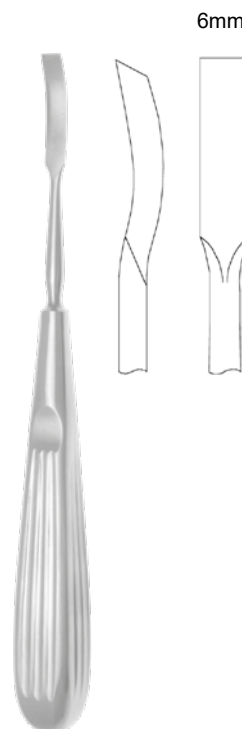
JOSEPH
450-698
160mm, 6 1/4"



JOSEPH
450-706
160mm, 6 1/4"



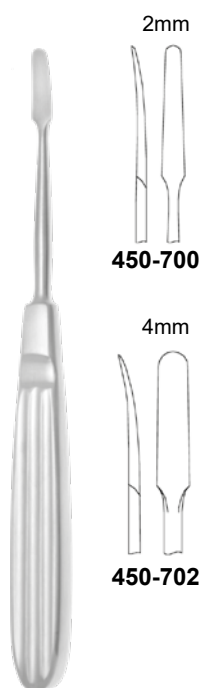
JOSEPH
450-707
180mm, 7"



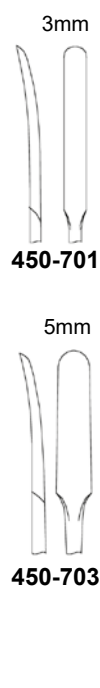
LEMPERT
431-517
180mm, 7"



LEMPERT
431-515
205mm, 8"



450-700



450-701

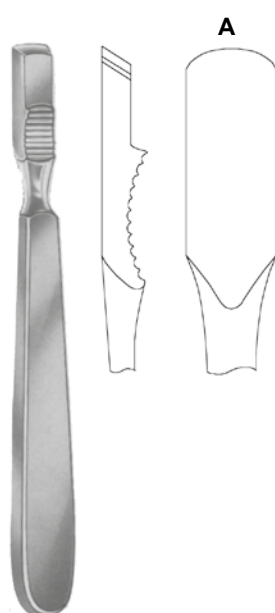


450-702



450-703

LEMPERT
450-700 - 450-703
170mm, 6 3/4"



	A mm
410-330-04	4
410-330-06	6
410-330-08	8
410-330-10	10
410-330-12	12
410-330-14	14
410-330-16	16

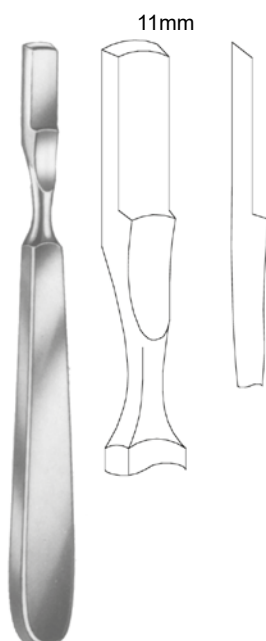
410-331-04
410-331-06
410-331-08
410-331-10
410-331-12
410-331-14
410-331-16



FARABEUF
410-330-04 - 410-330-16
150mm, 6"

FARABEUF
410-331-04 - 410-331-16
150mm, 6"

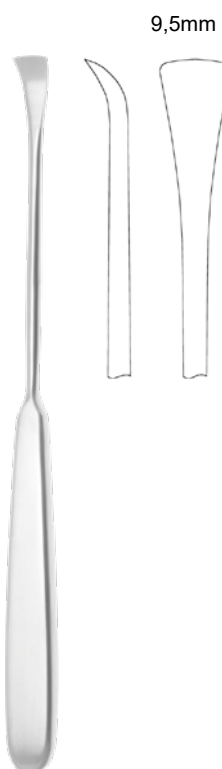
MITCHELLS
410-318
210mm, 8 1/4"



FARABEUF-COLLIN
410-336
160mm, 6 1/4"



FARABEUF-COLLIN
410-337
160mm, 6 1/4"



410-320
190mm, 7 1/2"



LAMBOTTE
410-350 5mm
410-351 10mm
410-352 15mm
410-353 20mm
410-354 25mm
215mm, 8 1/2"



410-384
190mm, 7 1/2"



410-385
185mm, 7 1/4"



410-382
185mm, 7 1/4"



410-383
185mm, 7 1/4"



410-388
190mm, 7 1/2"



410-380
200mm, 8"



410-381
190mm, 7 1/2"



410-387
200mm, 8"



COBB		
	Gesamtlänge total length longitud total longueur totale	Breite width anchura largeur
410-140	240mm	10mm
410-141	240mm	13mm
410-142	240mm	19mm
410-143	240mm	25mm



COBB		
	Gesamtlänge total length longitud total longueur totale	Breite width anchura largeur
410-144	280mm	8mm
410-145	280mm	10mm
410-146	280mm	12mm
410-138	280mm	19mm
410-139	280mm	25mm



COBB		
	Gesamtlänge total length longitud total longueur totale	Breite width anchura largeur
410-147	270mm	4mm
410-148	270mm	6mm
410-149	270mm	8mm



SPRATT
441-290 - 441-297
170mm, 6 3/4"

2,0mm	2,3mm	3,0mm	3,4mm	4,0mm
0000	000	00	0	1
441-290	441-291	441-292	441-293	441-294
5,5mm	6,2mm	7,0mm		
2	3	4		
441-295	441-296	441-297		



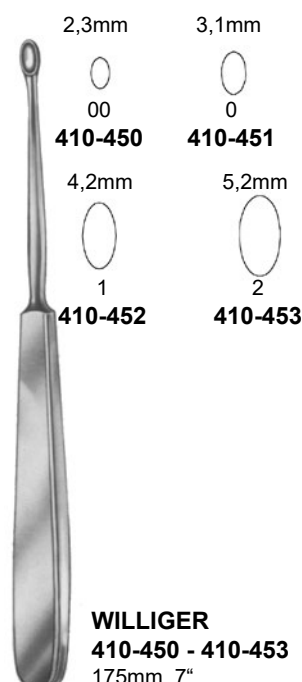
SIMON
410-5710 - 410-5713
240mm, 9 1/2"

2,4mm	
0000	
410-5710	
3,2mm	
000	
410-5711	
4,2mm	
00	
410-5712	
5,2mm	
0	
410-5713	



SCHEDE
410-560 - 410-566
170mm, 6 3/4"

2,5mm	3,4mm	4,2mm	5,2mm	6,3mm
000	00	0	1	2
410-560	410-561	410-562	410-563	410-564
7,4mm	8,0mm			
3	4			
410-565	410-566			



WILLIGER
410-450 - 410-453
175mm, 7"

2,3mm	3,1mm
00	0
410-450	410-451
4,2mm	5,2mm
1	2
410-452	410-453

2,5mm	3,0mm	3,5mm	4,0mm	5,0mm	6,0mm	8,0mm	9,0mm	10,5mm
								
000	00	0	1	2	3	4	5	6
410-520	410-521	410-522	410-523	410-524	410-525	410-526	410-527	410-528
410-530	410-531	410-532	410-533	410-534	410-535	410-536	410-537	410-538
341-620	341-621	341-622	341-623	341-624	341-625	341-626	341-627	341-628
341-630	341-631	341-632	341-633	341-634	341-635	341-636	341-637	341-638



SPINAL
341-620 - 341-628
200mm, 8"



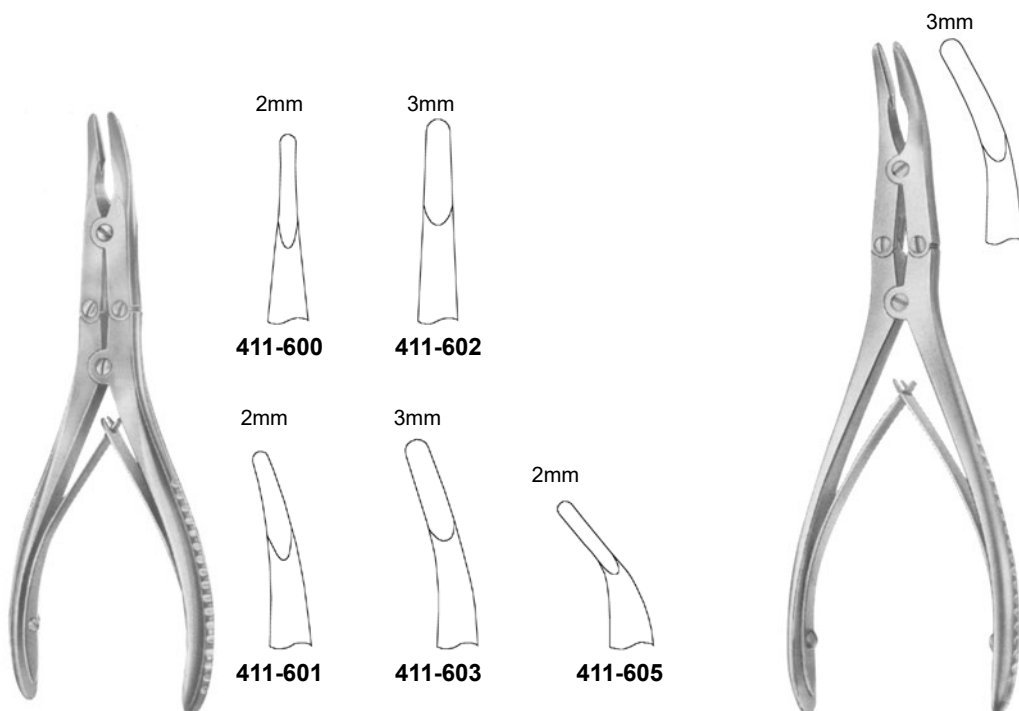
SPINAL
341-630 - 341-638
200mm, 8"



BRUNS
410-520 - 410-528
230mm, 9"

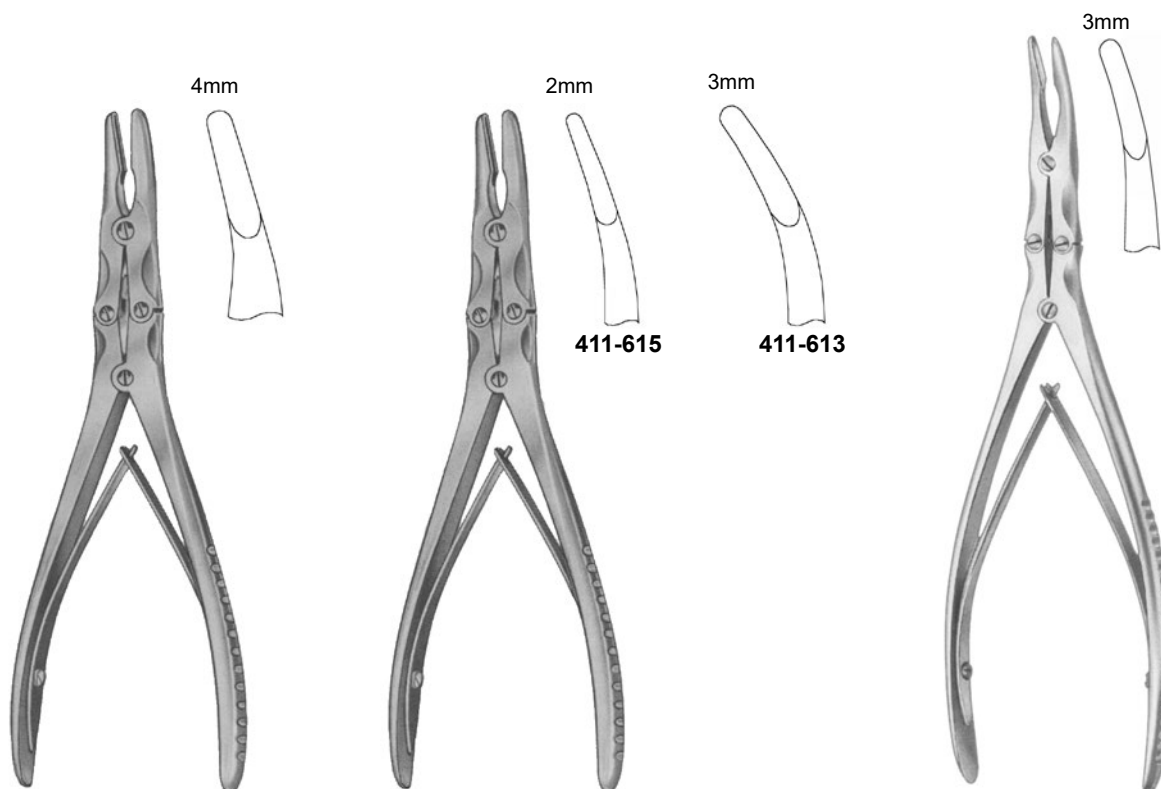


BRUNS
410-530 - 410-538
230mm, 9"



BOEHLER
411-600 - 411-605
150mm, 6"

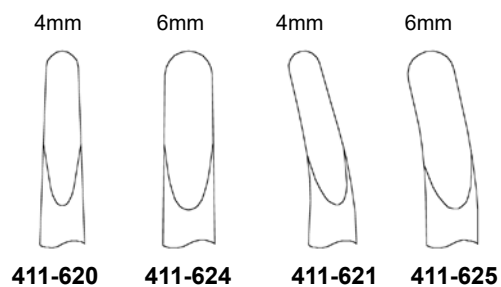
MAYFIELD
411-611 170mm, 6 3/4"



ZAUFAL-JANSEN
411-617 180mm, 7"

BEYER
411-613 - 411-615
180mm, 7"

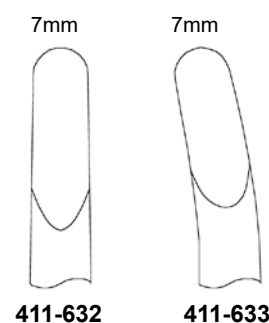
MARQUART
411-619 200mm, 8"



RUSKIN
411-620 - 411-625
180mm, 7"



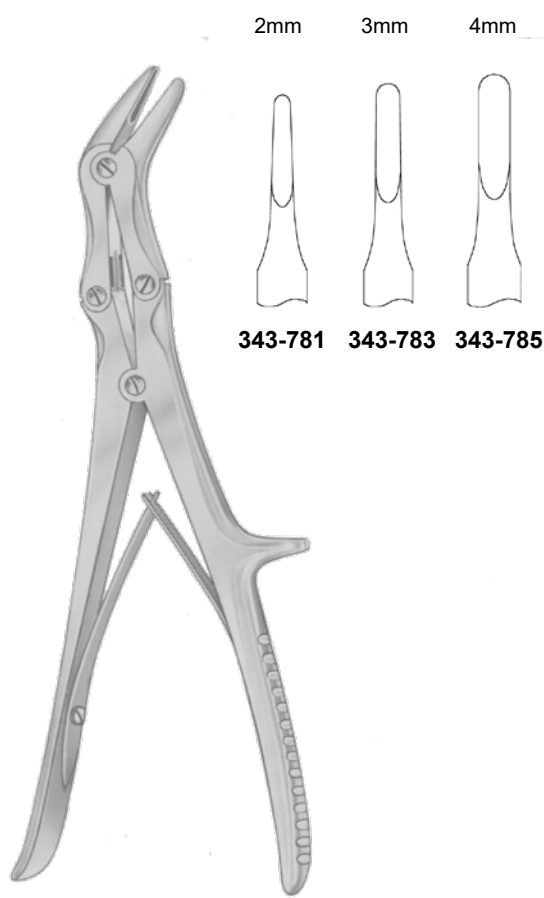
ROETTGEN-RUSKIN
411-631 240mm, 9 1/2"



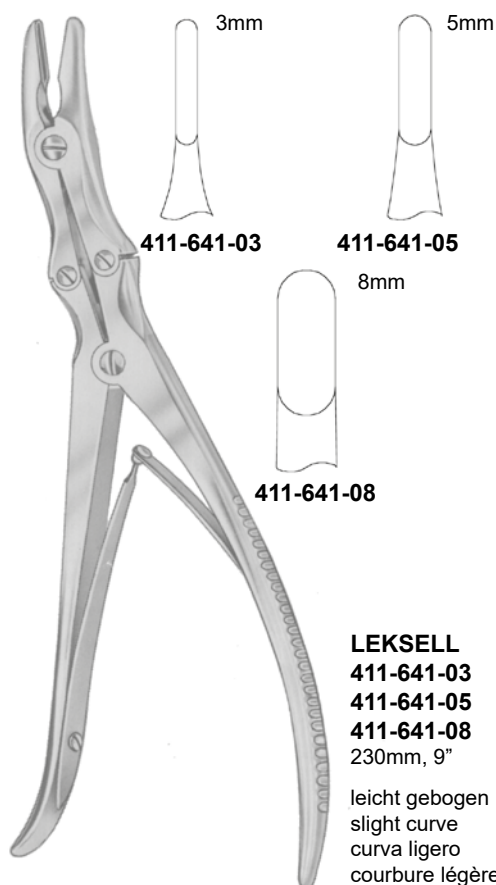
RUSKIN-STILLE
411-632 - 411-633
240mm, 9 1/2"



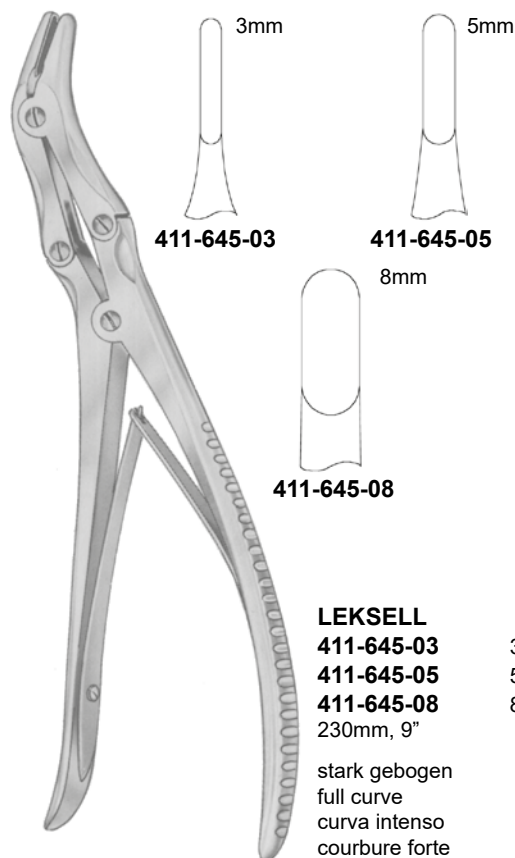
STILLE
411-651 230mm, 9"



ECHLIN
343-781 - 343-785
230mm, 9"



LEKSELL
411-641-03 3mm
411-641-05 5mm
411-641-08 8mm
230mm, 9"
leicht gebogen
slight curve
curva ligero
courbure légère



LEKSELL
411-645-03 3mm
411-645-05 5mm
411-645-08 8mm
230mm, 9"
stark gebogen
full curve
curva intenso
courbure forte



Biemer Vessel Clips

Form shape	Maulöffnung opening	Maullänge length of jaws	Schließkraft closing force
 368-560	4,0mm	6,0mm	30-40g 0,29-0,39 Newton
 368-561	5,0mm	9,0mm	30-40g 0,29-0,39 Newton
	5,0mm	9,0mm	20-25g 0,20-0,25 Newton

für temporären Gebrauch

- gekennzeichnet durch gelb eingefärbte Federenden
- Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße
- für Gefäße mit Ø 0,5 - 2,0 mm
- der fest eingestellte Schließdruck gewährt risikofreie Anwendung

for temporary occlusion

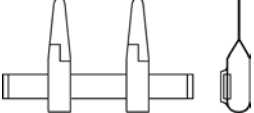
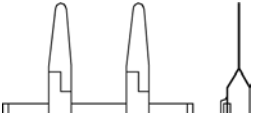
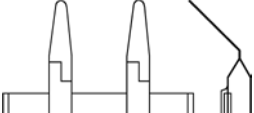
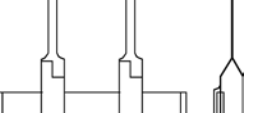
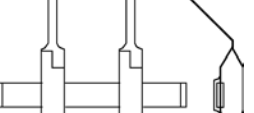
- identified by yellow coloured spring ends
- Blade gripping surface with oblique serrations for safe but careful gripping of vessels
- for vessel Ø 0,5 - 2,0 mm
- No risk due to rigidly fixed closing force



Biemer Clip Applying Forceps

for vessel clips 360-560 - 360-562
and Approximators 368-611 - 368-615 and 368-671 - 368-674
overall length 145mm

- 368-568** without catch
368-569 with catch

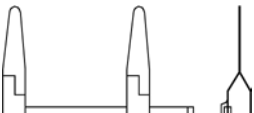
Form shape	Maulöffnung opening	Maullänge length of jaws	Schließkraft closing force
 368-615	4,0mm	6,0mm	30-40g 0,29-0,39 Newton
 368-611	5,0mm	9,0mm	30-40g 0,29-0,39 Newton
 368-612	5,0mm	9,0mm	30-40g 0,29-0,39 Newton
 368-613	5,0mm	9,0mm	30-40g 0,29-0,39 Newton
 368-614	5,0mm	9,0mm	30-40g 0,29-0,39 Newton



Biemer Clip Applying Forceps
for vessel clips 360-560 - 360-562 and
Approximators 368-611 - 368-615 and
368-671 - 368-674
overall length 145mm

368-568 without catch
368-569 with catch

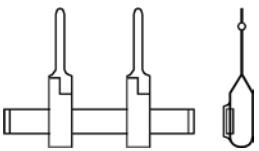
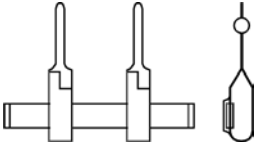
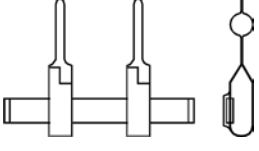
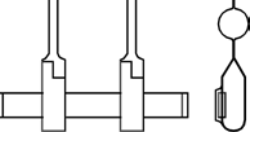
Biemer Approximator

Form shape	Maulöffnung opening	Maullänge length of jaws	Schließkraft closing force
 368-571	5,0mm	9,0mm	30-40g 0,29-0,39 Newton



Biemer
Applying forceps for vessel
approximator 368-570

368-572

Form shape	∅ Diameter	Schließkraft closing force
 368-671	1,0mm	25-30g 0,25-0,29 Newton
 368-672	2,0mm	25-30g 0,25-0,29 Newton
 368-673	3,0mm	25-30g 0,25-0,29 Newton
 368-674	4,0mm	25-30g 0,25-0,29 Newton

für temporären Gebrauch

- gekennzeichnet durch gelb eingefärbte Federenden
- Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße
- für Gefäße mit Ø 0,5 - 2,0 mm
- der fest eingestellte Schließdruck gewährt risikofreie Anwendung

for temporary occlusion

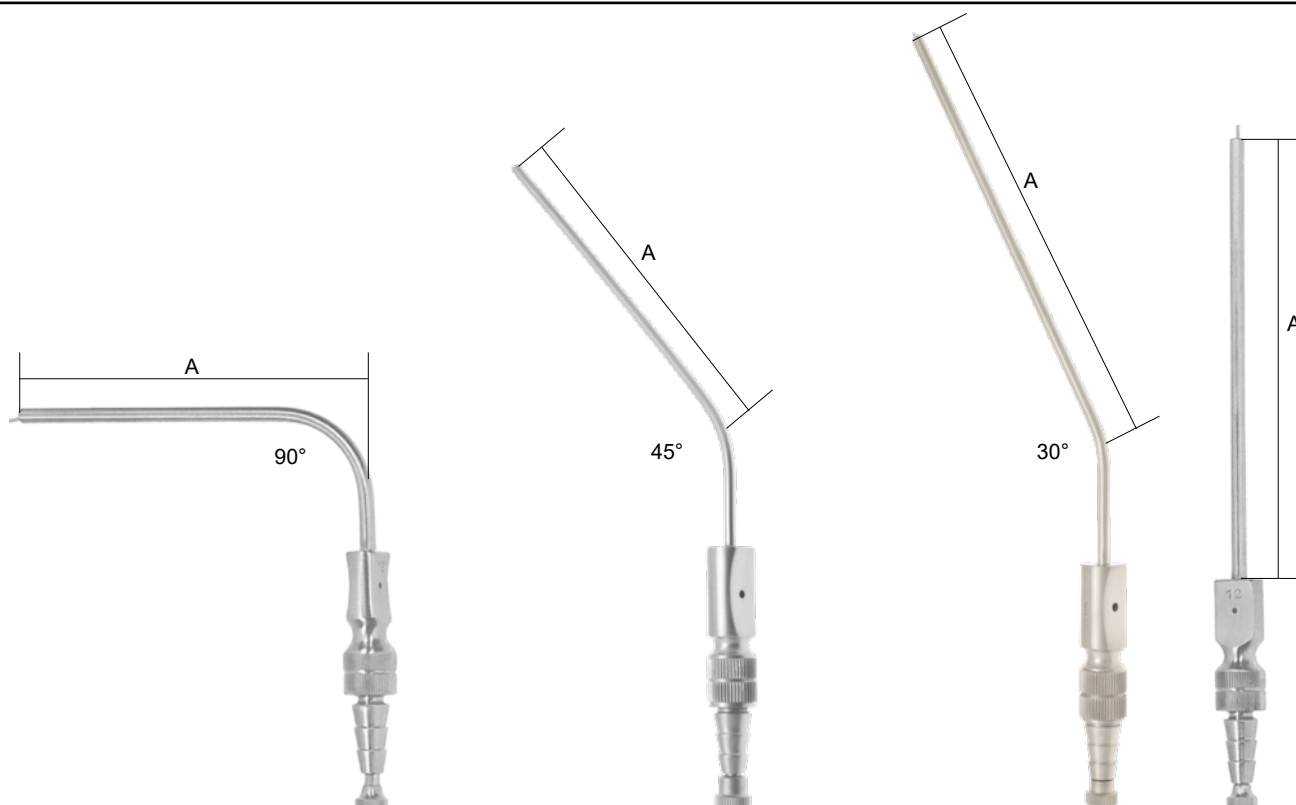
- identified by yellow coloured spring ends
- Blade gripping surface with oblique serrations for safe but careful gripping of vessels
- for vessel Ø 0,5 - 2,0 mm
- No risk due to rigidly fixed closing force



Biemer Clip Applying Forceps

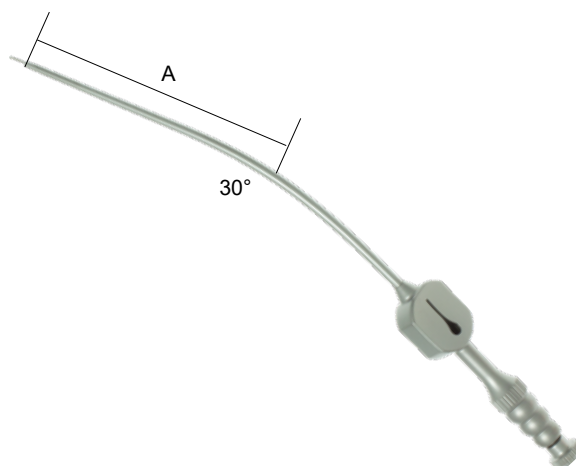
for vessel clips 360-560 - 360-562
and Approximators 368-611 - 368-615 and 368-671 - 368-674
overall length 145mm

- 368-568** without catch
368-569 with catch



Ømm	Fr. / Charr.	FERGUSON		FRAZIER-FERGUSON				FRAZIER	FRAZIER
		90°		45°				30°	-
		A= 115mm	A=190mm	A=110mm	A=130mm,	A=160mm	A=200mm	A=130mm	A=130mm
1,6	5			341-929	341-939	341-959	341-979		
2,0	6	341-920	341-990	341-930	341-940	341-960	341-980	341-910	341-900
2,3	7	341-922		341-932				341-911	341-908
2,6	8	341-921	341-991	341-931	341-941	341-961	341-981	341-912	341-901
3,0	9	341-923	341-993	341-933	341-943	341-963	341-983	341-913	341-902
3,3	10	341-924		341-934				341-914	341-906
3,6	11	341-925	341-995	341-935				341-915	341-905
4,0	12	341-926		341-936	341-946	341-966	341-986	341-916	341-903
4,6	14	341-927		341-937				341-917	
5,0	15	341-928		341-938	341-948	341-968	341-988	341-918	341-904

Ømm	Fr. / Charr.	FUKUSHIMA			
		30°			
		A= 100mm	A=115mm	A=140mm	A=165mm
1,0	3	181-310-03	181-312-03	181-314-03	181-316-03
1,3	4	181-310-04	181-312-04	181-314-04	181-316-04
1,6	5	181-310-05	181-312-05	181-314-05	181-316-05
2,0	6	181-310-06	181-312-06	181-314-06	181-316-06
2,3	7	181-310-07	181-312-07	181-314-07	181-316-07
2,6	8	181-310-08	181-312-08	181-314-08	181-316-08
3,0	9	181-310-09	181-312-09	181-314-09	181-316-09
3,3	10	181-310-10	181-312-10	181-314-10	181-316-10
4,0	12	181-310-12	181-312-12	181-314-12	181-316-12



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**FÜR NOTIZEN
FOR NOTES
PARA NOTAS
POUR NOTES**

ELCON MICRO

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