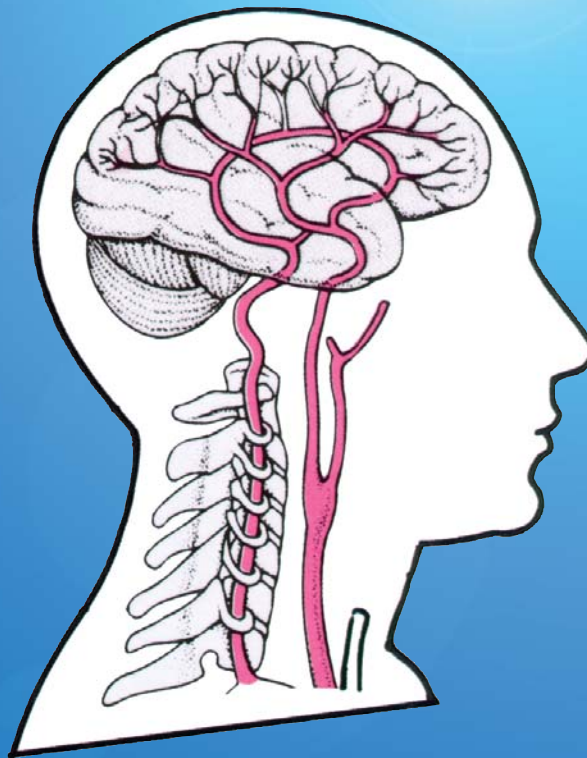


MATTES

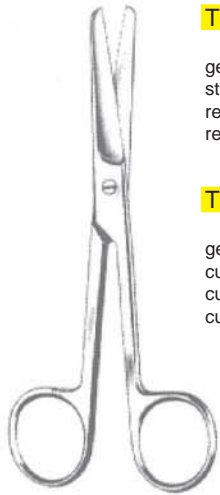
INSTRUMENTE GmbH
MEDIZINTECHNIK



Neurochirurgie
Neurosurgery
Neurocirugia
Neurochirurgia

Mit TC-Einsätzen
TC Lined
Con bocas TC
Con morso TC

Chirurgische Scheren
Operating Scissors
Tijeras para cirugía
Forbici per chirurgia



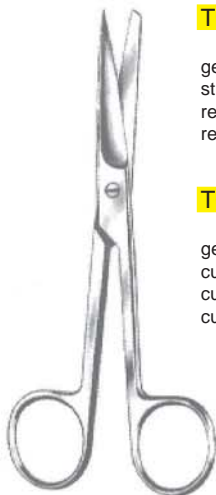
TC 3700.14

gerade
straight
recta
retta

TC 3705.14

gebogen
curved
curva
curve

TC 3700.14 14,0 cm
TC 3705.14 14,0 cm



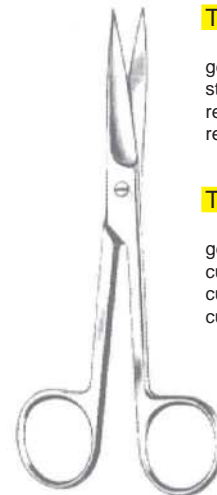
TC 3710.14

gerade
straight
recta
retta

TC 3715.14

gebogen
curved
curva
curve

TC 3710.14 14,0 cm
TC 3715.14 14,0 cm



TC 3720.14

gerade
straight
recta
retta

TC 3725.14

gebogen
curved
curva
curve

TC 3720.14 14,0 cm
TC 3725.14 14,0 cm



MAYO

3180.14	14,5 cm	3190.14
TC 3760.14	14,5 cm	TC 3765.14
3180.17	17,0 cm	3190.17
TC 3760.17	17,0 cm	TC 3765.17



MAYO-STILLE

3200.15	15,0 cm	3210.15
TC 3750.15	15,0 cm	TC 3755.15
3200.17	17,0 cm	3210.17
TC 3750.17	17,0 cm	TC 3755.17

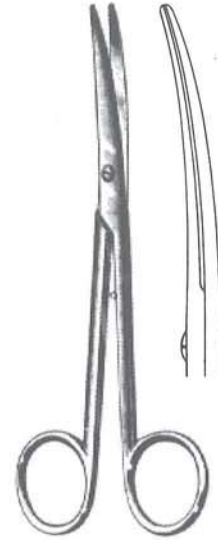
MATTES

Präparierscheren
Dissecting Scissors
Tijeras para preparaciòn
Forbici per dissezione

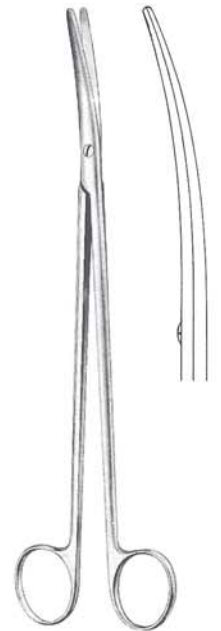
Mit TC-Einsätzen
TC Lined
Con bocas TC
Con morso TC



LEXER
3390.16 16,0 cm
TC 3740.16 16,0 cm



LEXER
3395.16 16,0 cm
TC 3745.16 16,0 cm



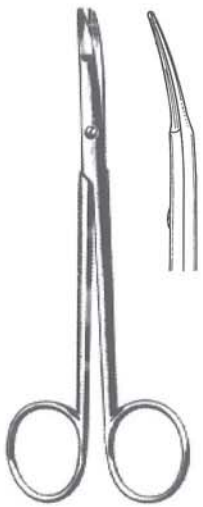
15,0 cm	3150.14	TC 3800.15
18,0 cm	3150.18	TC 3800.18
20,0 cm	3150.20	TC 3800.20
23,0 cm	3150.23	TC 3800.23
25,0 cm	3150.25	TC 3800.25
28,0 cm		

3155.14	TC 3805.15
3155.18	TC 3805.18
3155.20	TC 3805.20
3155.23	TC 3805.23
3155.25	TC 3805.25

METZENBAUM FINO	
3242.15	TC 3780.14
3242.18	TC 3780.18
3242.20	TC 3780.20
3242.23	TC 3780.23
3242.25	TC 3780.25
3242.28	TC 3780.28

METZENBAUM FINO	
3243.15	TC 3785.14
3243.18	TC 3785.18
3243.20	TC 3785.20
3243.23	TC 3785.23
3243.25	TC 3785.25
3243.28	TC 3785.28

Präparierscheren
Dissecting Scissors
Tijeras para preparaciòn
Forbici per dissezione

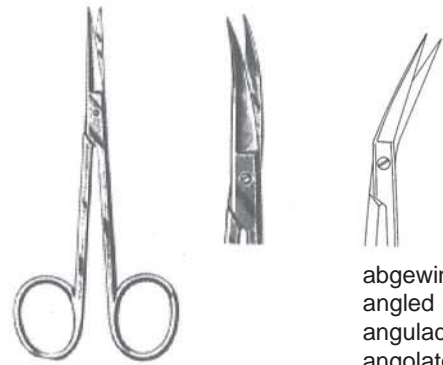


KILNER
3220.12 12,0 cm
3220.15 15,0 cm

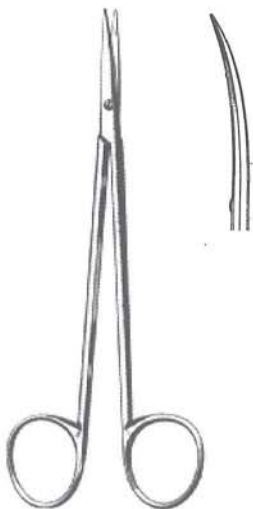


REYNOLDS
3270.15 15,0 cm 3275.15
3270.18 18,0 cm 3275.18

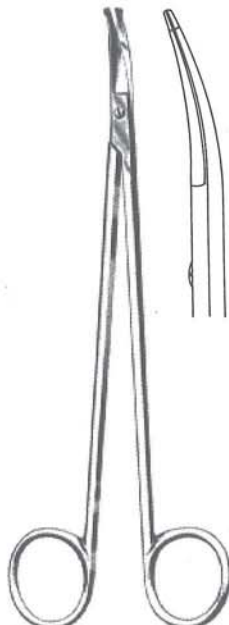
Iris-Standard



abgewinkelt
angled
angulada
angolato
3250.09 09,0 cm 3260.09
3250.10 10,0 cm 3260.10
3250.11 11,0 cm 3260.11
TC 3810.11 11,0 cm **TC 3815.11** 11,0 cm



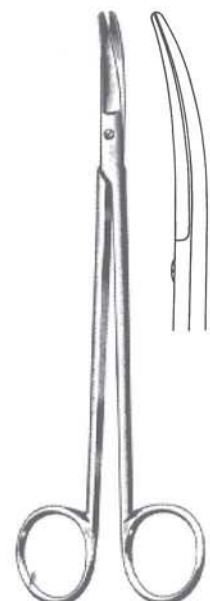
JOSEPH
3331.14 15,0 cm 3332.14



STRULLY
3485.22 22,0 cm

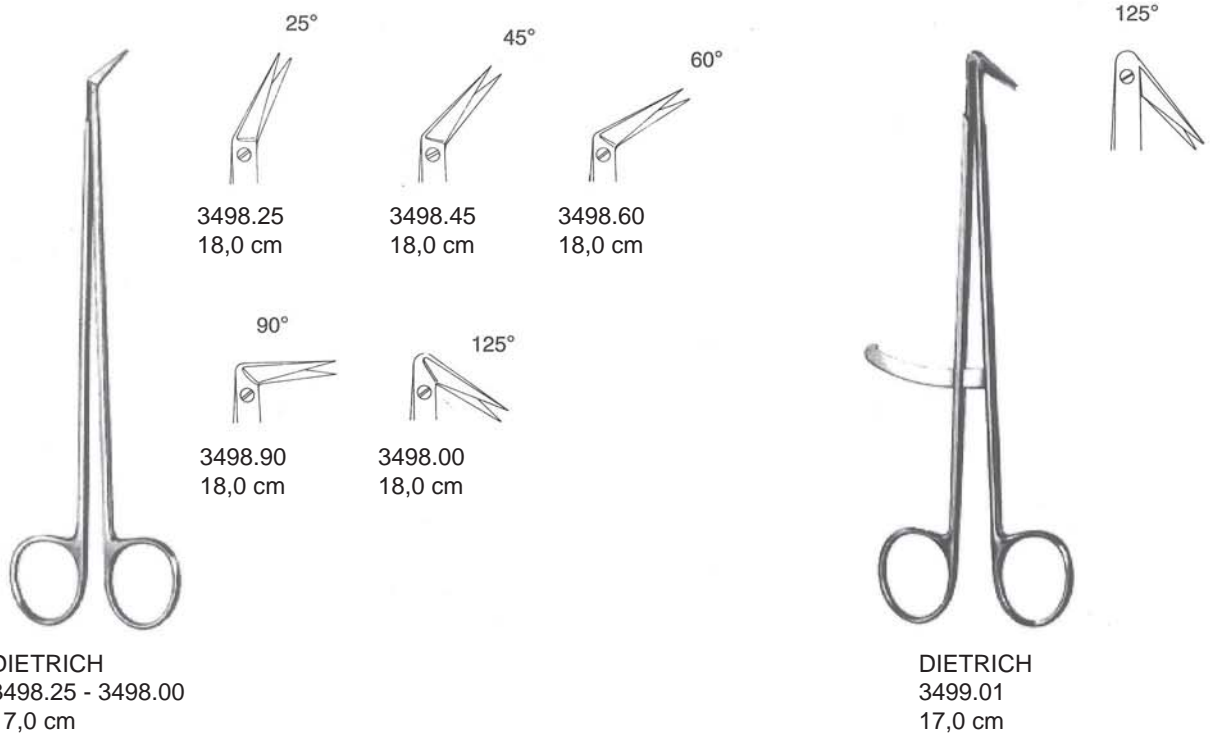


TOENNIS-ADSON
3486.18 18,0 cm

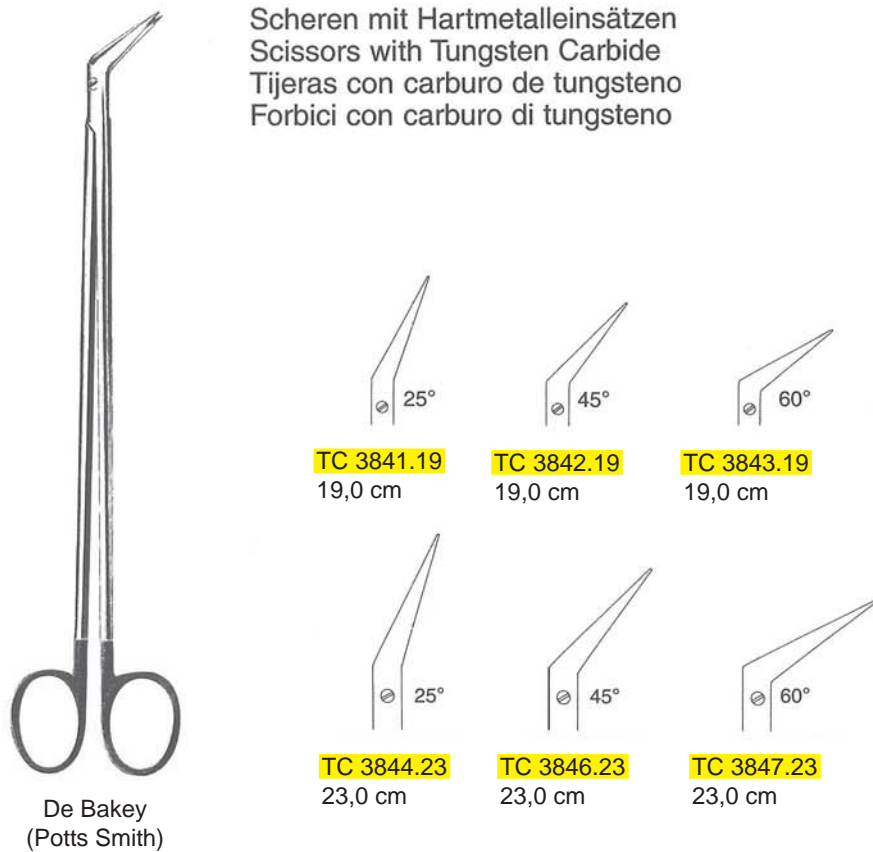


TOENNIS-ADSON
3486.17 17,5 cm

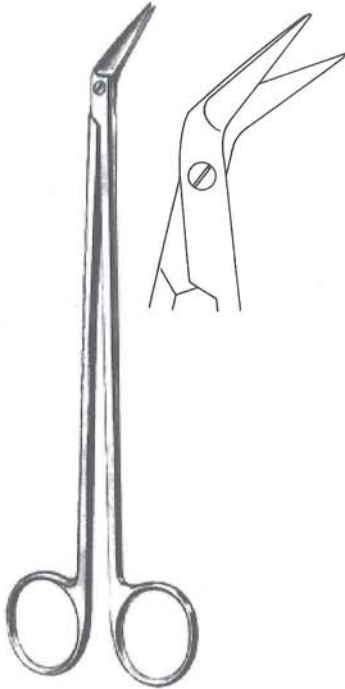
Gefäßscheren
Vascular Scissors
Tijeras vasculares
Forbici vascolari



Scheren mit Hartmetalleinsätzen
Scissors with Tungsten Carbide
Tijeras con carburo de tungsteno
Forbici con carburo di tungsteno



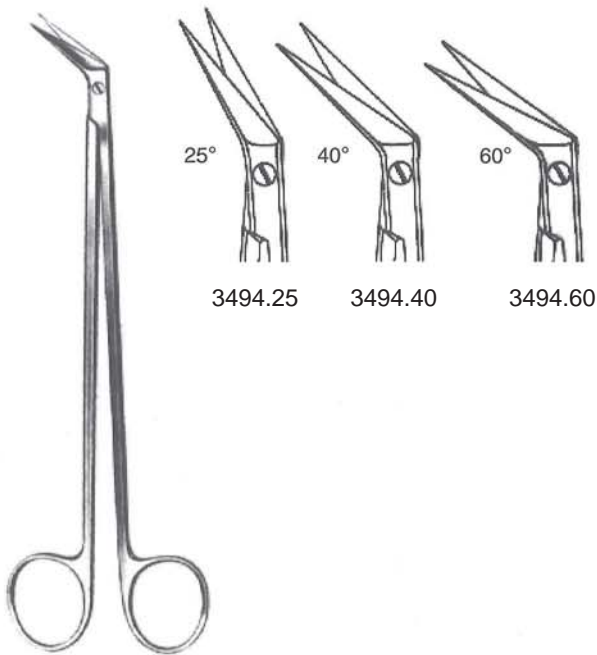
Gefäßscheren
Vascular Scissors
Tijeras vasculares
Forbici vascolari



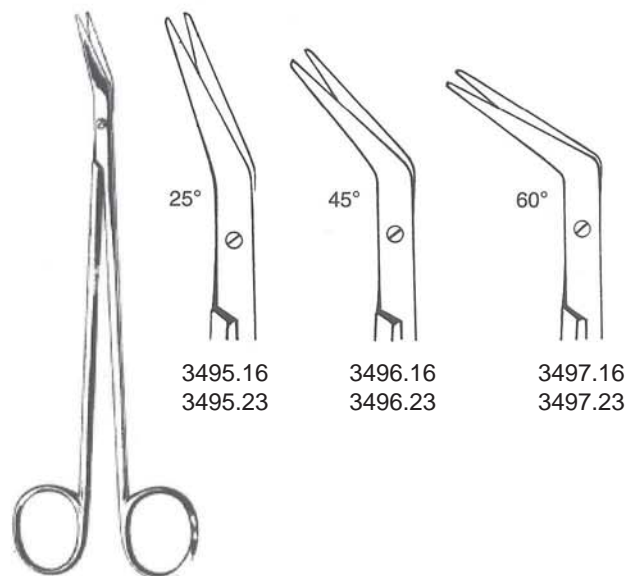
POTTS-DE MARTEL
3493.21 21,0 cm



SCHMIEDEN-TAYLOR
3493.17 17,0 cm



POTTS-SMITH
19,0 cm



DE BAKEY
16,0 cm & 23,0 cm

MATTES

Mikro-Nadelhalter, bajonettförmig
Micro Needle Holders, bayonet-shaped
Micro-porta-agujas, en forma de bayoneta
Micro port'aghi, forma baionetta



YASARGIL
200 mm
8"



4592.20	200 mm / 8"	YASARGIL
4596.23	225 mm / 9"	



4589.16	165 mm / 6½"	YASARGIL
4593.20	200 mm / 8"	
4597.23	225 mm / 9"	
4599.25	245 mm / 9¾"	

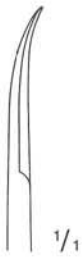
Mikro-Federscheren, bajonettförmig
 Micro Scissors (Spring Type), bayonet-shaped
 Micro-tijeras, en forma de bayoneta
 Micro forbici, forma baionetta



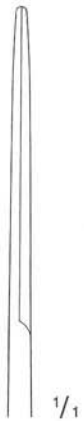
3530.16 165 mm / 6½" YASARGIL
 3534.20 200 mm / 8"



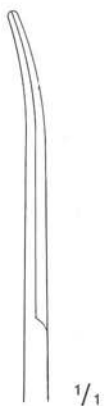
3531.16 165 mm / 6½" YASARGIL
 3535.20 200 mm / 8"



3536.20 200 mm / 8" YASARGIL



3532.20 200 mm / 8" YASARGIL
 Präparierscheren
 Dissecting Scissors
 Tijeras de disección
 Forbici per dissezione



3533.20 200 mm / 8" YASARGIL
 Präparierscheren
 Dissecting Scissors
 Tijeras de disección
 Forbici per dissezione











1/1

YASARGIL
 200 mm
 8"

MATTES

Mikro-Federscheren, bajonettförmig
 Micro Scissors (Spring Type), bayonet-shaped
 Micro-tijeras, en forma de bayoneta
 Micro forbici, forma baionetta

	19038.23 225 mm / 9"	YASARGIL	
	glatt · smooth · lisa · lise		
	19060.23 200 mm / 8"	YASARGIL	
	gezahnt · toothed · dentadas · dentellati		
	19037.23 225 mm / 9"	VANNAS	
	19039.23 225 mm / 9"	YASARGIL	
	19061.25 245 mm / 9 3/4"		
	19040.23 225 mm / 9"	VANNAS	
	19047.23 225 mm / 9"	YASARGIL	
	19044.23 225 mm / 9"	YASARGIL	
	Präparierscheren Dissecting Scissors Tijeras de disección Forbici per dissezione		
	19043.23 225 mm / 9"	YASARGIL	
	Präparierscheren Dissecting Scissors Tijeras de disección Forbici per dissezione		



YASARGIL
 225 mm
 9"

1/1

Mikro-Federscheren, bajonettförmig
Micro Scissors (Spring Type), bayonet-shaped
Micro-tijeras, en forma de bayoneta
Micro forbici, forma baionetta



45°

190354 200 mm / 8" NAGEL

1/1



45°

190364 200 mm / 8"
Mit Knopf
with probe-pointed blade
punta abotonada
punta bottonuta

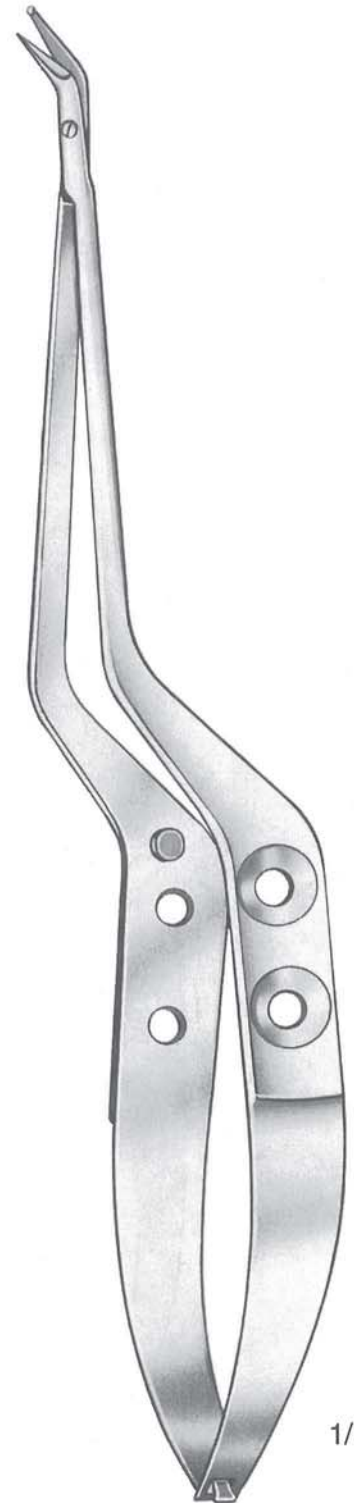
1/1



125°

190374 190 mm / 7½"

1/1

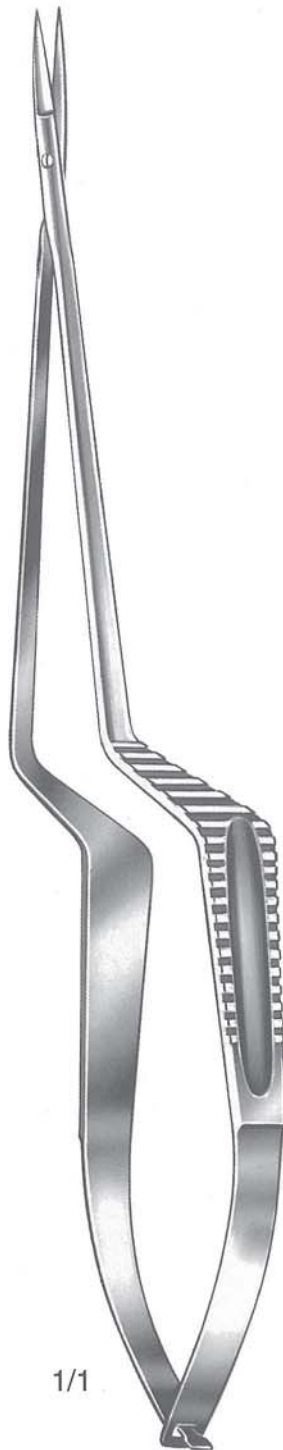


1/1

190354
200 mm
8"

MATTES

Mikro-Federschere, bajonettförmig
Micro Scissors (Spring Type), bayonet-shaped
Micro-tijeras, en forma de bayoneta
Micro forbici, forma baionetta



3506.18
190 mm
7½"



3506.18 190 mm / 7½"



3507.18 190 mm / 7½"



3508.18 190 mm / 7½"



3509.18 190 mm / 7½"

Mikro-Nadelhalter, bajonettförmig
Micro Needle Holders, bayonet-shaped
Micro-porta-agujas, en forma de bayoneta
Micro port'aghi, forma baionetta



1/1

4600.16	160 mm
4600.20	200 mm
4600.24	240 mm



1/1

4601.16	160 mm
4601.20	200 mm
4601.24	240 mm

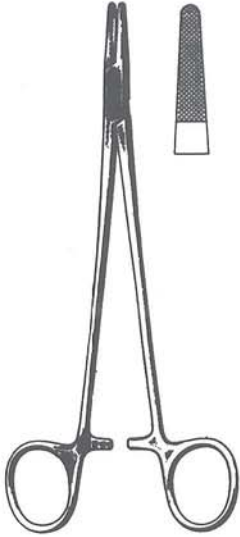


1/1

4600.16
160 mm
6 1/4"

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi

Mit TC-Einsätzen
TC Lined
Con bocas TC
Con morso TC



MAYO-HEGAR

16,0 cm TC 4550.16
18,0 cm TC 4550.18
20,0 cm TC 4550.20
24,0 cm TC 4550.24



DE BAKEY

18,0 cm TC 4555.18
20,0 cm TC 4555.20
23,0 cm TC 4555.23
26,0 cm TC 4555.26



CRILE-WOOD

15,0 cm TC 4530.15
18,0 cm TC 4530.18
20,0 cm TC 4530.20
23,0 cm TC 4530.23
26,0 cm TC 4530.26



RYDER 1 mm

RYDER 2 mm

TC 4450.13	13,0 cm	TC 4451.13
TC 4450.15	15,0 cm	TC 4451.15
TC 4450.18	18,0 cm	TC 4451.18
TC 4450.20	20,0 cm	TC 4451.20
TC 4450.23	23,0 cm	TC 4451.23
TC 4450.26	26,0 cm	TC 4451.26

Mikro-Nadelhalter
Micro Needle Holders
Micro-porta-agujas
Micro port'aghi



19140.16 160 mm / 6¼"
19140.20 200 mm / 8"
19140.24 240 mm / 9½"



19141.16 160 mm / 6¼"
19141.20 200 mm / 8"
19141.24 240 mm / 9½"



19141.16
160 mm
6¼"

MATTES

Mikro-Federscheren, bajonettförmig
 Micro Scissors (Spring Type), bayonet-shaped
 Micro-tijeras, en forma de bayoneta
 Micro forbici, forma baionetta



190300
 160 mm
 6¼"



190300 160 mm / 6¼"
 190304 200 mm / 8"
 190306 240 mm / 9½"



190320 160 mm / 6¼"
 190324 200 mm / 8"
 190326 240 mm / 9½"



190310 160 mm / 6¼"
 190314 200 mm / 8"
 190316 240 mm / 9½"



190330 160 mm / 6¼"
 190334 200 mm / 8"
 190336 240 mm / 9½"



190155 160 mm / 6¼"
 190156 200 mm / 8"
 190157 240 mm / 9½"



190384 200 mm / 8"



190394 200 mm / 8"

Mikro-Federscheren
Micro Scissors (Spring Type)
Micro-tijeras
Micro forbici



19160.16 160 mm / 6¼"
19160.20 200 mm / 8"
19160.24 240 mm / 9½"



19162.16 160 mm / 6¼"
19162.20 200 mm / 8"
19162.24 240 mm / 9½"



19161.16 160 mm / 6¼"
19161.20 200 mm / 8"
19161.24 240 mm / 9½"



19163.16 160 mm / 6¼"
19163.20 200 mm / 8"
19163.24 240 mm / 9½"



19164.16 160 mm / 6¼"
19164.20 200 mm / 8"
19164.24 240 mm / 9½"

19165.16 160 mm / 6¼"
19165.20 200 mm / 8"
19165.24 240 mm / 9½"



19160.16
160 mm
6¼"

1/1

Mikro-Nadelhalter
Micro Needle Holders
Micro-porta-agujas
Micro port'aghi



19079.16
160 mm
6¼"



19076.16 160 mm / 6¼"
19080.18 185 mm / 7¼"

ohne Sperre
without catch
sin cierre
senza cremagliera



19079.16 160 mm / 6¼"
19081.18 185 mm / 7¼"

ohne Sperre
without catch
sin cierre
senza cremagliera

Mikro-Federscheren
 Micro Scissors (Spring Type)
 Micro-tijeras
 Micro forbici



19012.12 120 mm / 4¾"
 19016.16 160 mm / 6¼"

19020.16 160 mm / 6¼" MILLESI
 gezahnt · toothed · dentadas · dentellati

19022.18 185 mm / 7¼" YASARGIL



19013.12 120 mm / 4¾"
 19017.16 160 mm / 6¼"

19021.16 160 mm / 6¼" MILLESI
 gezahnt · toothed · dentadas · dentellati

19023.18 185 mm / 7¼" JACOBSON



19014.12 120 mm / 4¾" VANNAS
 19018.16 160 mm / 6¼"



19015.12 120 mm / 4¾" VANNAS
 19019.16 160 mm / 6¼"



19028.13 120 mm / 4¾" BIEMER

Venenschere
 Vein Scissors
 Tijera para venas
 Forbici per vene



19011.12 120 mm / 4¾" VANNAS



19024.18 185 mm / 7¼" POTTS-YASARGIL

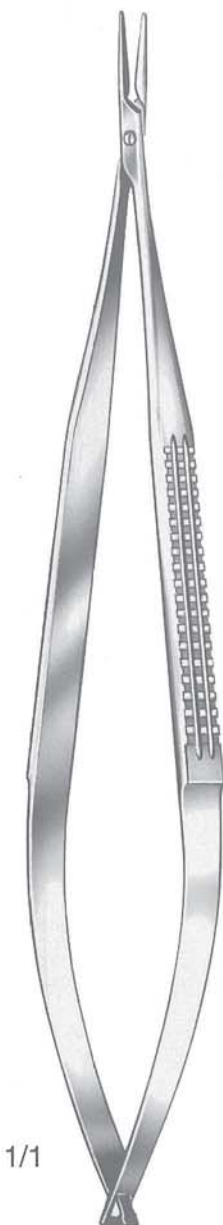


19017.16
 160 mm
 6¼"

1/1

1/1

Mikro-Nadelhalter
Micro Needle Holders
Micro-porta-agujas
Micro port'aghi



19200.16
160 mm
6¼"



19200.16 160 mm / 6¼"
19200.18 185 mm / 7¼"

ohne Sperre
without catch
sin cierre
senza cremagliera



19201.16 160 mm / 6¼"
19201.18 185 mm / 7¼"

ohne Sperre
without catch
sin cierre
senza cremagliera

Mikro-Federscheren
Micro Scissors (Spring Type)
Micro-tijeras
Micro forbici



35012.12 120 mm / 4¾"
35016.16 160 mm / 6¼"

35020.16 160 mm / 6¼" MILLESI
gezahnt · toothed · dentadas · dentellati

35022.18 185 mm / 7¼" YASARGIL



35013.12 120 mm / 4¾"
35017.16 160 mm / 6¼"

35021.16 160 mm / 6¼" MILLESI
gezahnt · toothed · dentadas · dentellati

35023.18 185 mm / 7¼" JACOBSON



35014.12 120 mm / 4¾" VANNAS
35018.16 160 mm / 6¼"



35015.12 120 mm / 6¼" VANNAS
35019.16 160 mm / 8"

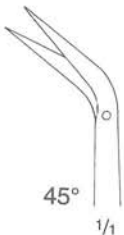


35028.13 120 mm / 4¾" BIEMER

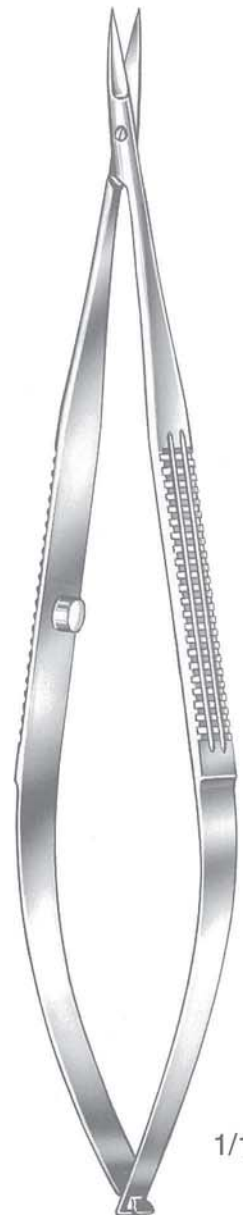
Venenschere
Vein Scissors
Tijera para venas
Forbici per vene



35011.12 120 mm / 4¾" VANNAS



35024.18 185 mm / 7¼" POTTS-YASARGIL



35016.16
160 mm
6¼"

1/1

Mikro-Nadelhalter
 Micro Needle Holders
 Micro-porta-agujas
 Micro port'aghi



BARRAQUER
 19230.13
 130 mm
 5"



1/1

19230.13	130 mm / 5"	BARRAQUER
19240.15	150 mm / 6"	REILL
19244.18	185 mm / 7 1/4"	

ohne Sperre
 without catch
 sin cierre
 senza cremagliera



1/1

19231.13	130 mm / 5"	BARRAQUER
----------	-------------	-----------

ohne Sperre
 without catch
 sin cierre
 senza cremagliera



1/1

19241.15	150 mm / 6"	REILL
19245.18	185 mm / 7 1/4"	

ohne Sperre
 without catch
 sin cierre
 senza cremagliera

Mikro-Nadelhalter
Micro Needle Holders
Micro-porta-agujas
Micro port'aghi



1/1

19232.12 120 mm / 4³/₄" BARRAQUER
19242.14 140 mm / 5¹/₂"
19246.18 185 mm / 7¹/₄"

mit Sperre
with catch
con cierre
con cremagliera



1/1

19233.12 120 mm / 4³/₄" BARRAQUER

mit Sperre
with catch
con cierre
con cremagliera



1/1

19247.18 185 mm / 7¹/₄"
19249.23 230 mm / 9"

mit Sperre
with catch
con cierre
con cremagliera

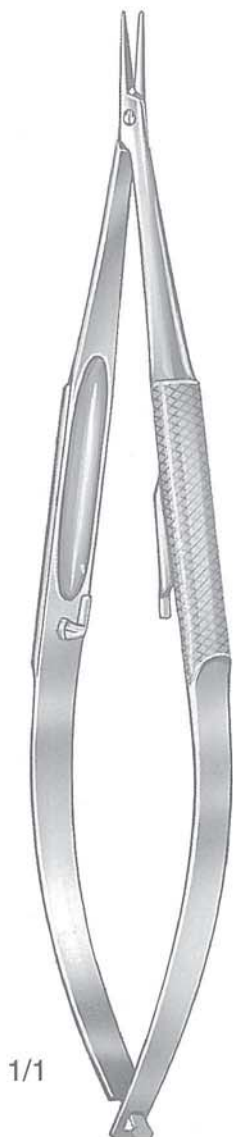


1/1

BARRAQUER
19232.12
120 mm
4³/₄"

Mikro-Nadelhalter, TITAN
 Micro Needle Holders, TITANIUM
 Micro-porta-agujas, TITANIO
 Micro port'aghi, TITANIO

Instrument aus Titan
 Instrument from Titanium
 Strumento de Titanio
 Strumento in Titanio



1/1

19250.15 T 150 mm / 6"
19250.18 T 180 mm / 7"
19250.20 T 210 mm / 8¼"

mit Sperre
 with catch
 con cierre
 con cremagliera



1/1

19251.15 T 150 mm / 6"
19251.18 T 180 mm / 7"
19251.20 T 210 mm / 8¼"

mit Sperre
 with catch
 con cierre
 con cremagliera

19250.15 T
 150 mm
 6"

TITAN
 TITANIUM
 TITANIO
 TITANIO

Mikro-Federscheren
 Micro Scissors (Spring Type)
 Micro-tijeras
 Micro forbici



1/1

35100.14 145 mm / 5³/₄"
 35600.18 180 mm / 7"



1/1

35117.23 230 mm / 9"



1/1

35101.14 145 mm / 5³/₄"
 35601.18 180 mm / 7"



1/1

35103.14 145 mm / 5³/₄"
 35603.18 180 mm / 7"

Präparierscheren
 Dissecting Scissors
 Tijeras de disección
 Forbici per dissezione



1/1

35100.14
 145 mm
 5³/₄"

Mikro-Knüpfpinzetten
 Micro Suture Tying Forceps
 Micro-pinzas para ligaduras
 Micro pinze per legature

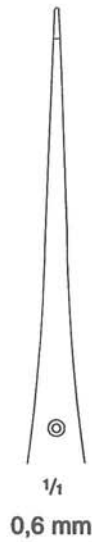


2241.12
 150 mm
 6"



2241.12 120 mm / 4³/₄"
 2241.15 150 mm / 6"

Spitzen 0,3 mm
 tips 0,3 mm
 puntas de 0,3 mm
 punte 0,3 mm



2246.18 180 mm / 7"
 2246.23 230 mm / 9"

Spitzen 0,6 mm
 tips 0,6 mm
 puntas de 0,6 mm
 punte 0,6 mm



2242.12 120 mm / 4³/₄"
 2244.15 150 mm / 6"

Spitzen 0,3 mm
 tips 0,3 mm
 puntas de 0,3 mm
 punte 0,3 mm



2247.18 180 mm / 4³/₄"

Spitzen 0,6 mm
 tips 0,6 mm
 puntas de 0,6 mm
 punte 0,6 mm

MATTES

Mit TC-Einsätzen
 TC Lined
 Con bocas TC
 Con morso TC

Anatomische und chirurgische Pinzetten
 Dressing and Tissue Forceps
 Pinzas de disección, sin/con dientes
 Pinze per dissezione, anatomiche/chirurgiche



ADSON
 2040.13 12,0 cm



ADSON
TC 4025.12 12,0 cm



ADSON micro
 2041.13 12,0 cm



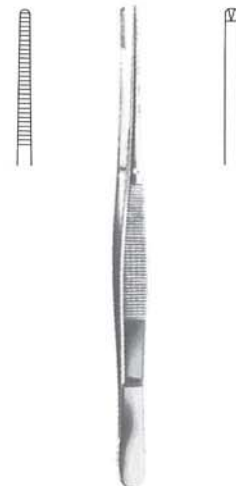
ADSON
 2130.13 12,0 cm



ADSON micro
 2131.13 12,0 cm



ADSON-BROWN
 2140.12 12,0 cm



POTTSMITH
 2080.18 **TC 4010.18** 2160.18
 2080.21 **TC 4010.21** 2160.21
 2080.25 **TC 4010.25** 2160.25

MATTES

Anatomische und chirurgische Pinzetten, Faßpinzetten
 Dressing and Tissue Forceps
 Pinzas de disección, sin/con dientes
 Pinze per dissezione, chirurgiche/anatomiche



ADLERKREUTZ
 2136.15 15,0 cm
 2136.20 20,0 cm



SEMKEN
 2050.12 12,5 cm
 2050.15 15,5 cm



SEMKEN
 2142.12 12,5 cm
 2142.15 15,5 cm



GERALD
 2060.18
 17,5 cm



GERALD
 2070.18
 17,5 cm



GERALD
 2180.17
 17,5 cm



GERALD
 2190.17
 17,5 cm



JANSEN
 2197.20
 20,0 cm



LUCAE
 2196.14
 14,0 cm



LUCAE
 2197.16
 16,0 cm

Instrument aus Titan
Instrument from Titanium
Instrumento de Titanio
Strumento in Titanio

Mikro-Pinzetten, TITAN
Micro Tying Forceps, TITANIUM
Micro-pinzas para ligaduras, de TITANIO
Micro pinze per legature, TITANIO



22104.15T 150 mm / 6"
22104.18T 180 mm / 7"
22104.21T 210 mm / 8 1/4"

Spitzen 0,4 mm
tips 0,4 mm
puntas de 0,4 mm
punte 0,4 mm



22106.15T 150 mm / 6"
22106.18T 180 mm / 7"
22106.21T 210 mm / 8 1/4"

Spitzen 0,8 mm
tips 0,8 mm
puntas de 0,8 mm
punte 0,8 mm



22105.15T 150 mm / 6"
22105.18T 180 mm / 7"
22105.21T 210 mm / 8 1/4"

Spitzen 0,4 mm
tips 0,4 mm
puntas de 0,4 mm
punte 0,4 mm



22107.15T 150 mm / 6"
22107.18T 180 mm / 7"
22107.21T 210 mm / 8 1/4"

Spitzen 0,8 mm
tips 0,8 mm
puntas de 0,8 mm
punte 0,8 mm



22104.15T
150 mm
6"

TITAN
TITANIUM
TITANIO
TITANIO

Atraumatische Mikro-Pinzetten DE BAKEY, TITAN
 Atraumatic Micro-Forceps DE BAKEY, TITANIUM
 Micro-pinzas atraumáticas DE BAKEY, de TITANIO
 Micro-pinze atraumatiche DE BAKEY, TITANIO

Instrument aus Titan
 Instrument from Titanium
 Instrumento de Titanio
 Strumento in Titanio



1/1

22110.18T
 180 mm
 7"

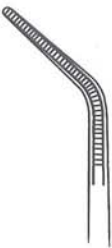
TITAN
 TITANIUM
 TITANIO
 TITANIO



1/1

22110.15T 150 mm / 6"
 22110.18T 180 mm / 7"
 22110.21T 210 mm / 8 1/4"

Spitzen 1,2 mm
 tips 1,2 mm
 puntas de 1,2 mm
 punte 1,2 mm



1/1

22111.15T 150 mm / 6"
 22111.18T 180 mm / 7"
 22111.21T 210 mm / 8 1/4"

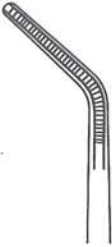
Spitzen 1,2 mm
 tips 1,2 mm
 puntas de 1,2 mm
 punte 1,2 mm



1/1

22120.15T 150 mm / 6"
 22120.18T 180 mm / 7"
 22120.21T 210 mm / 8 1/4"

Spitzen 1,8 mm
 tips 1,8 mm
 puntas de 1,8 mm
 punte 1,8 mm



1/1

22121.15T 150 mm / 6"
 22121.18T 180 mm / 7"
 22121.21T 210 mm / 8 1/4"

Spitzen 1,8 mm
 tips 1,8 mm
 puntas de 1,8 mm
 punte 1,8 mm

Instrument aus Titan
Instrument from Titanium
Instrumento de Titanio
Strumento in Titanio

Mikro-Ring-Pinzetten, TITAN
Micro-Ring-Forceps, TITANIUM
Micro-pinzas de anillo, de TITANIO
Micro pinze ad anello, TITANIO



22130.15T 150 mm / 6"
22130.18T 180 mm / 7"
22130.21T 210 mm / 8¼"

Ringe gerieft
rings serrated
anillos estriados
anelli striati



22132.15T 150 mm / 6"
22132.18T 180 mm / 7"
22132.21T 210 mm / 8¼"

Ringe diamantbeschichtet
rings diamond dust coated
anillos recubiertos de polvo diamantino
anelli diamantati



22134.15T 150 mm / 6"
22134.18T 180 mm / 7"
22134.21T 210 mm / 8¼"

Ringe gerieft
rings serrated
anillos estriados
anelli striati



22136.15T 150 mm / 6"
22136.18T 180 mm / 7"
22136.21T 210 mm / 8¼"

Ringe diamantbeschichtet
rings diamond dust coated
anillos recubiertos de polvo diamantino
anelli diamantati



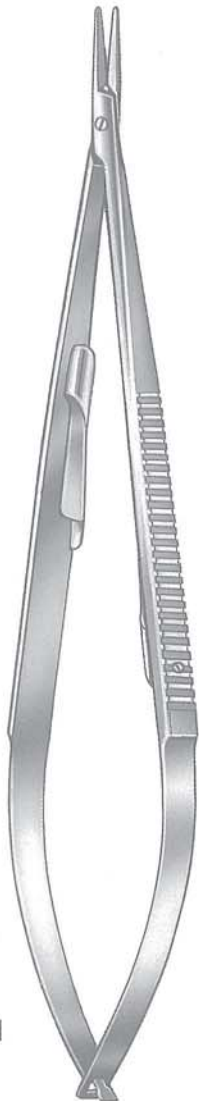
22130.18T
180 mm
7"

TITAN
TITANIUM
TITANIO
TITANIO

MATTES

Mikro-Nadelhalter
Micro Needle Holders
Micro-porta-agujas
Micro port'aghi

Mit TC-Einsätzen
TC Lined
Con bocas TC
Con morso TC



1/1

CASTROVIEJO
45674.14TC
145 mm
5¾"



1/1

45674.14TC 145 mm / 5¾" CASTROVIEJO
45674.18TC 180 mm / 7"

Hartmetall
carbide inserts
insieros extraduros
con morso in TC



1/1

45675.14TC 145 mm / 5¾" CASTROVIEJO
45675.18TC 180 mm / 7"

Hartmetall
carbide inserts
insieros extraduros
con morso in TC



1/1

45676.14TC 145 mm / 5¾" CASTROVIEJO
45676.18TC 180 mm / 7"
45676.21TC 210 mm / 8½"

Hartmetall
carbide inserts
insieros extraduros
con morso in TC



1/1

45677.14TC 145 mm / 5¾" CASTROVIEJO
45677.18TC 180 mm / 7"
45677.20TC 210 mm / 8½"

Hartmetall
carbide inserts
insieros extraduros
con morso in TC



1/1

45670.14 145 mm / 5¾" CASTROVIEJO











1/1

45671.14 145 mm / 5¾" CASTROVIEJO

Mit TC-Einsätzen
TC Lined
Con bocas TC
Con morso TC

Mikro-Nadelhalter
Micro Needle Holders
Micro-porta-agujas
Micro port'aghi

	45664.18	180 mm / 7"	JACOBSON
1/1		mit Sperre with catch con cierre con cremagliera	
	45666.18	180 mm / 7"	JACOBSON
1/1		ohne Sperre without catch sin cierre senza cremagliera	
	45665.18	180 mm / 7"	JACOBSON
1/1		mit Sperre with catch con cierre con cremagliera	
	45663.18	180 mm / 7"	JACOBSON
1/1		ohne Sperre without catch sin cierre senza cremagliera	
	45668.18TC	180 mm / 7"	JACOBSON
1/1		mit Sperre, Hartmetall with catch, carbide inserts con cierre, insertos extraduros con cremagliera, con morso in TC	
	45678.18TC	180 mm / 7"	JACOBSON
1/1		ohne Sperre, Hartmetall without catch, carbide inserts sin cierre, insertos extraduros senza cremagliera, con morso in TC	
	45691.18TC	180 mm / 7"	JACOBSON
1/1		mit Sperre, Hartmetall with catch, carbide inserts con cierre, insertos extraduros con cremagliera, con morso in TC	
	45693.18TC	180 mm / 7"	JACOBSON
1/1		ohne Sperre, Hartmetall without catch, carbide inserts sin cierre, insertos extraduros senza cremagliera, con morso in TC	



1/1

JACOBSON
45664.18
180 mm
7"

MATTES

Mikro-Federscheren
Micro Scissors (Spring Type)
Micro-tijeras
Micro forbici



VANNAS
10200.08
80 mm
3 1/8"



10200.08 80 mm / 3 1/8" VANNAS



10201.08 80 mm / 3 1/8" VANNAS



10205.08 80 mm / 3 1/8" VANNAS

Mikro-Federschere
Micro Scissors (Spring Type)
Micro-tijeras
Micro forbici



10195.10 100 mm / 4" CASTROVIEJO
spitz
sharp
agudo
acuto



10196.10 100 mm / 4" CASTROVIEJO
stumpf
blunt
romo
smusso



CASTROVIEJO
10196.10
100 mm
4"

Mikro-Pinzetten
Micro Forceps
Micro-pinzas
Micro pinze



1/1

2280.16 160 mm / 6¼"
2280.20 200 mm / 8"
2280.24 240 mm / 9½"

Spitzen 0,9 mm
tips 0,9 mm
puntas de 0,9 mm
punte 0,9 mm



1/1

2281.16 160 mm / 6¼"
2281.20 200 mm / 8"
2281.24 240 mm / 9½"

Spitzen 0,9 mm
tips 0,9 mm
puntas de 0,9 mm
punte 0,9 mm



Ø 7 mm

2282.16 160 mm / 6¼"
2282.20 200 mm / 8"
2282.24 240 mm / 9½"

Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio

1/2



2280.16
200 mm
8"



1/2

2285.20
200 mm
8"



1/1

2284.16 160 mm / 6¼"
2284.20 200 mm / 8"
2284.24 240 mm / 9½"

Spitzen 0,9 mm
tips 0,9 mm
puntas de 0,9 mm
punte 0,9 mm



1/1

2285.16 160 mm / 6¼"
2285.20 200 mm / 8"
2285.24 240 mm / 9½"

Spitzen 0,9 mm
tips 0,9 mm
puntas de 0,9 mm
punte 0,9 mm



Ø 7 mm

2286.16 160 mm / 6¼"
2286.20 200 mm / 8"
2286.24 240 mm / 9½"

Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio

Mikro-Pinzetten, bajonettförmig
 Micro Forceps, bayonet-shaped
 Micro-pinzas, en forma de bayoneta
 Micro pinze, forma di baionetta



190400	160 mm / 6¼"	YASARGIL
190406	180 mm / 7"	
190412	200 mm / 8"	
190420	220 mm / 8¾"	
190426	240 mm / 9½"	

Spitzen 0,6 mm
 tips 0,6 mm
 puntas de 0,6 mm
 punte 0,6 mm



190402	160 mm / 6¼"	YASARGIL
190408	180 mm / 7"	
190416	200 mm / 8"	
190422	220 mm / 8¾"	
190428	240 mm / 9½"	

Spitzen 0,9 mm
 tips 0,9 mm
 puntas de 0,9 mm
 punte 0,9 mm



190429	180 mm / 7"	YASARGIL
--------	-------------	----------

1x2 Zähne
 1x2 teeth
 1x2 dientes
 1x2 denti



YASARGIL
 190400
 200 mm
 8"

1/1

Pinzetten zum Fassen von Gewebe, Tumoren
 Forceps for grasping tissue, tumors
 Pinzas para coger tejidos y tumores
 Pinze per afferrare tessuti e tumori

 Ø 3 mm	2271.22	220 mm / 8 ³ / ₄ "	YASARGIL
	2271.24	240 mm / 9 ¹ / ₂ "	YASARGIL-SAMII
Maul löffelförmig jaws spoon shaped boca en forma de cucharilla morso forma cucchiaio			
 Ø 5 mm	2272.22	220 mm / 8 ³ / ₄ "	YASARGIL
	2272.24	240 mm / 9 ¹ / ₂ "	YASARGIL-SAMII
Maul löffelförmig jaws spoon shaped boca en forma de cucharilla morso forma cucchiaio			
 Ø 7 mm	2204.24	240 mm / 9 ¹ / ₂ "	YASARGIL-SAMII
Maul löffelförmig jaws spoon shaped boca en forma de cucharilla morso forma cucchiaio			
 Ø 3 mm	2273.22	220 mm / 8 ³ / ₄ "	YASARGIL
Maul flach, gezahnt flat jaw, serrated boca plana, estriada morso piatto, striato			
 Ø 5 mm	2274.22	220 mm / 8 ³ / ₄ "	YASARGIL
Maul flach, gezahnt flat jaw, serrated boca plana, estriada morso piatto, striato			
 Ø 3 mm	2215.22	220 mm / 8 ³ / ₄ "	HEIFETZ
Maul kürettenförmig curette jaw, toothed boca en forma de cureta, estriada morso forma curetta, striato			
 Ø 5 mm	2217.22	220 mm / 8 ³ / ₄ "	HEIFETZ
Maul kürettenförmig curette jaw, toothed boca en forma de cureta, estriada morso forma curetta, striato			



1/1

YASARGIL
 2271.22
 220 mm
 8³/₄"



SAMII
2290.23
230 mm
9"



2290.23 230 mm / 9" SAMII
Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio



2291.23 230 mm / 9" SAMII
Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio



2292.23 230 mm / 9" SAMII
Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio



2295.23 230 mm / 9" SAMII
Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio



2296.23 230 mm / 9" SAMII
Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio



2297.23 230 mm / 9" SAMII
Maul löffelförmig
jaws spoon shaped
boca en forma de cucharilla
morso forma cucchiaio

Pinzetten zum Fassen von Gewebe, Tumoren
 Forceps for grasping tissue, tumors
 Pinzas para coger tejidos y tumores
 Pinze per afferrare tessuti e tumori



2768.20 200 mm / 8" YASARGIL

Maul flach, gezahnt
 flat jaw, serrated
 boca plana, estriada
 morso piatto, striato



2766.20 200 mm / 8" HUNT

Maul flach, gezahnt
 flat jaw, serrated
 boca plana, estriada
 morso piatto, striato



2710.18 185 mm / 7¼"

feine Spitzen
 fine tips
 puntas finas
 punte fine



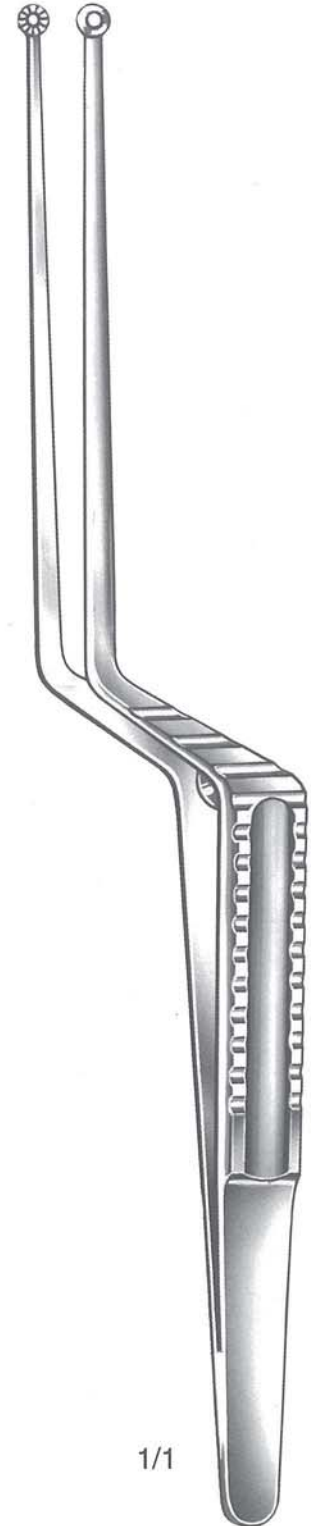
2711.18 185 mm / 7¼"

breite Spitzen
 broad tips
 puntas anchas
 punte grosse



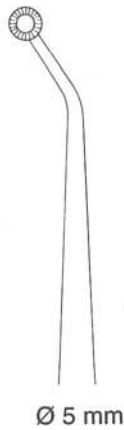
2712.18 185 mm / 7¼"

breite Spitzen
 broad tips
 puntas anchas
 punte grosse



HUNT
 2766.20
 200 mm
 8"

Pinzetten zum Fassen von Gewebe, Tumoren
Forceps for grasping tissue, tumors
Pinzas para coger tejidos y tumores
Pinze per afferrare tessuti e tumori



2765.20

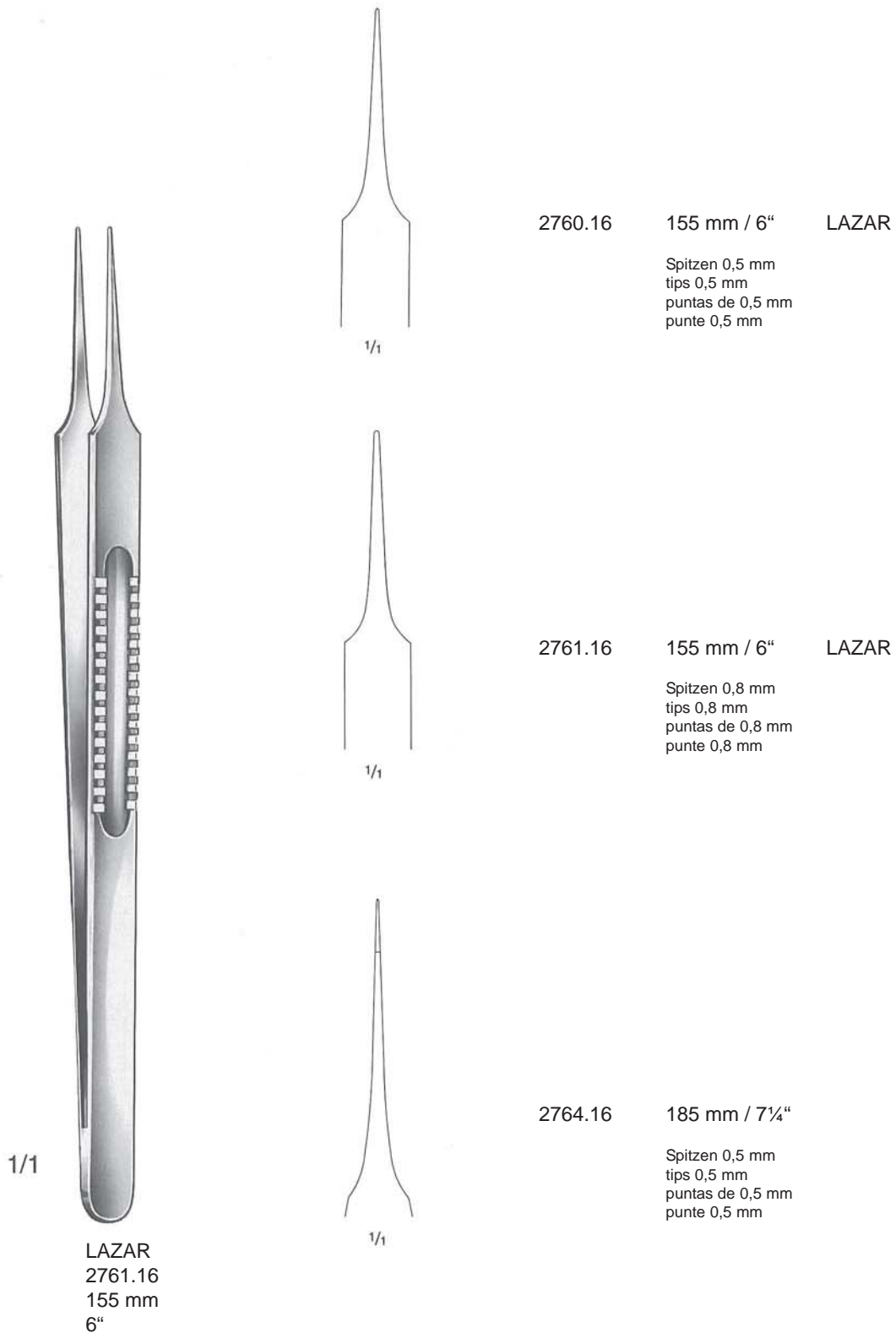
200 mm / 8"

Maul flach, gezahnt
flat jaw, serrated
boca plana, estriada
morso piatto, striato

1/1

HUNT
2765.20
200 mm
8"

Mikro-Knüpfpinzetten
 Micro Suture Tying Forceps
 Micro-pinzas para ligaduras
 Micro pinze per legature



2760.16 155 mm / 6" LAZAR

Spitzen 0,5 mm
 tips 0,5 mm
 puntas de 0,5 mm
 punte 0,5 mm

2761.16 155 mm / 6" LAZAR

Spitzen 0,8 mm
 tips 0,8 mm
 puntas de 0,8 mm
 punte 0,8 mm

2764.16 185 mm / 7¼" LAZAR

Spitzen 0,5 mm
 tips 0,5 mm
 puntas de 0,5 mm
 punte 0,5 mm

1/1

LAZAR
 2761.16
 155 mm
 6"

1/i

1/i

1/i

Mikro-Knüpfpinzetten
 Micro Suture Tying Forceps
 Micro-pinzas para ligaduras
 Micro pinze per legature



1/1

VISE
 2736.13
 135 mm
 5 1/4"



1/i



1/i



1/i

2738.12 120 mm / 4 3/4"
 Spitzen 0,3 mm
 tips 0,3 mm
 puntas de 0,3 mm
 punte 0,3 mm

2736.13 130 mm / 5 1/4" VISE
 Spitzen 0,3 mm
 tips 0,3 mm
 puntas de 0,3 mm
 punte 0,3 mm

2737.13 130 mm / 5 1/4" VISE
 Spitzen 0,3 mm
 tips 0,3 mm
 puntas de 0,3 mm
 punte 0,3 mm

2805.09 95 mm / 3 3/4"
 Spitzen 0,2 mm, 1x2 Zähne
 tips 0,2 mm, 1x2 teeth
 puntas de 0,2 mm, 1x2 dientes
 punte 0,2 mm, 1x2 denti



1/i



1/i




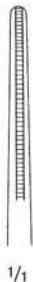


2340.14 140 mm / 5 1/2"
 2342.18 180 mm / 7" AUSTIN
 Spitzen 0,8 mm
 tips 0,8 mm
 puntas de 0,8 mm
 punte 0,8 mm



1/1

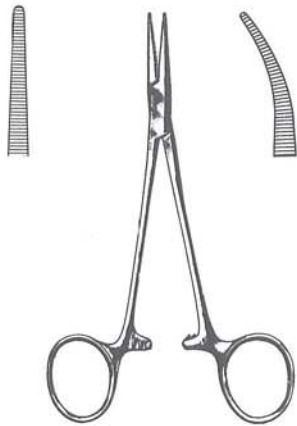
2805.09
 95 mm
 3 3/4"

Atraumatische Pinzetten DE BAKEY
 Atraumatic Tissue Forceps DE BAKEY
 Pinzas atraumática DE BAKEY
 Pinze atraumatiche DE BAKEY

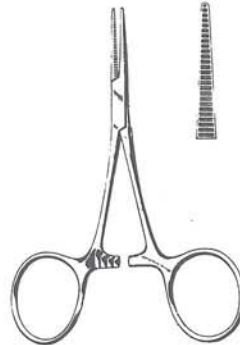
 <p>1/1</p>	 <p>1/1</p>	<p>6382.16 160 mm / 6¼" DE BAKEY 6382.20 200 mm / 8" 6382.24 240 mm / 9½" 6382.30 300 mm / 12"</p> <p>Spitzen 1,5 mm tips 1,5 mm puntas de 1,5 mm punte 1,5 mm</p>
	 <p>1/1</p>	<p>6380.16 160 mm / 6¼" DE BAKEY 6380.20 200 mm / 8" 6380.24 240 mm / 9½" 6380.30 300 mm / 12"</p> <p>Spitzen 3,5 mm tips 3,5 mm puntas de 3,5 mm punte 3,5 mm</p>
	 <p>1/1</p>	<p>6384.16 160 mm / 6¼" DE BAKEY 6384.20 200 mm / 8" 6384.24 240 mm / 9½" 6384.30 300 mm / 12"</p> <p>Spitzen 2,0 mm tips 2,0 mm puntas de 2,0 mm punte 2,0 mm</p>
	 <p>1/1</p>	<p>6385.16 160 mm / 6¼" DE BAKEY 6385.20 200 mm / 8" 6385.24 240 mm / 9½" 6385.30 300 mm / 12"</p> <p>Spitzen 2,0 mm tips 2,0 mm puntas de 2,0 mm punte 2,0 mm</p>
	 <p>1/1</p>	<p>6370.16 160 mm / 6¼" DE BAKEY 6370.20 200 mm / 8" 6370.24 240 mm / 9½" 6370.30 300 mm / 12"</p> <p>Spitzen 2,7 mm tips 2,7 mm puntas de 2,7 mm punte 2,7 mm</p>

DE BAKEY
 6384.16
 160 mm
 6¼"

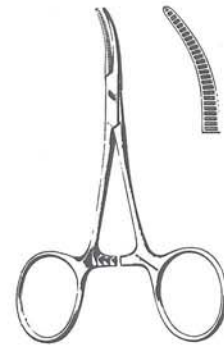
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



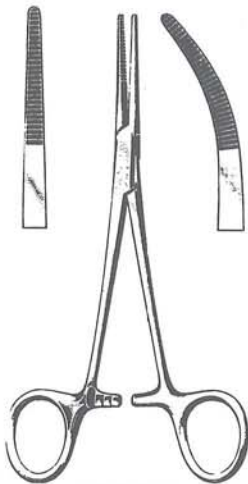
HALSTED-MOSQUITO
5240.12 5245.12



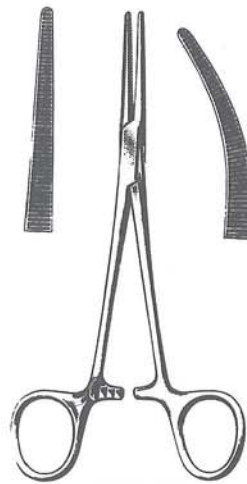
HARTMANN
5100.10 10,0 cm



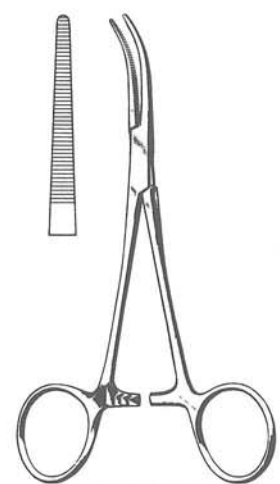
HARTMANN
5110.10 10,0 cm



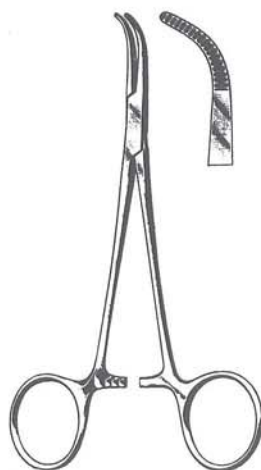
KELLY
5150.14 14,0 cm 5155.14



CRILE
5160.14 14,0 cm 5165.14



DANDY
5286.14 14,0 cm



MIXTER BABY
5278.14 14,0 cm



MIXTER BABY
5278.18 18,0 cm

Hohlmeißelzangen
 Bone Rongeurs
 Pinzas-gubias
 Pinze sgorbie



3 mm
8767.03



4 mm
8767.04



5 mm
8767.05



3 mm
8765.03



4 mm
8765.04



5 mm
8765.05



3 mm
8766.03



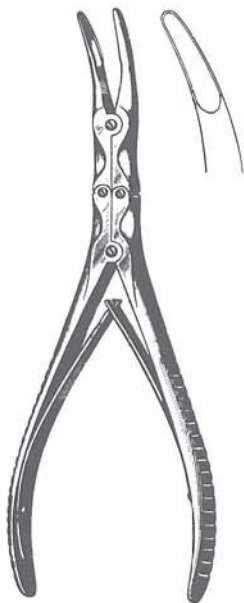
4 mm
8766.04



5 mm
8766.05



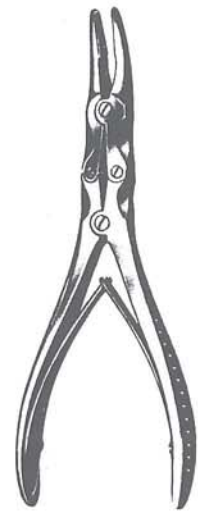
SMITH-PETERSON
8765.03 - 8767.05
24,0 cm



BEYER
8780.18 18,0 cm

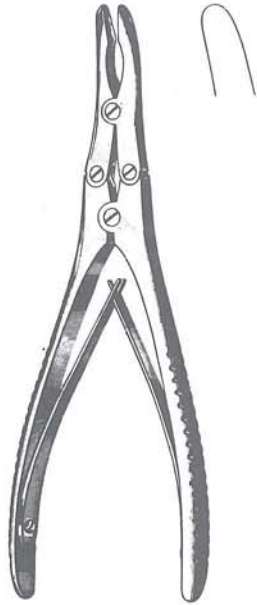


ZAUFAL-JANSEN
8782.18 18,0 cm

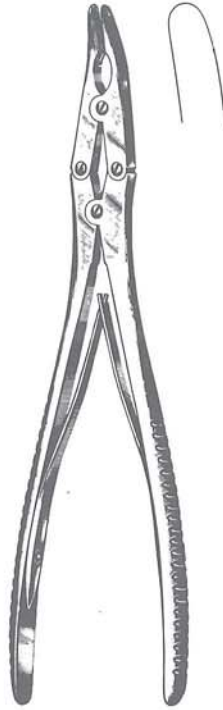


— BÖHLER —
8768.15 15,0 cm 8769.15

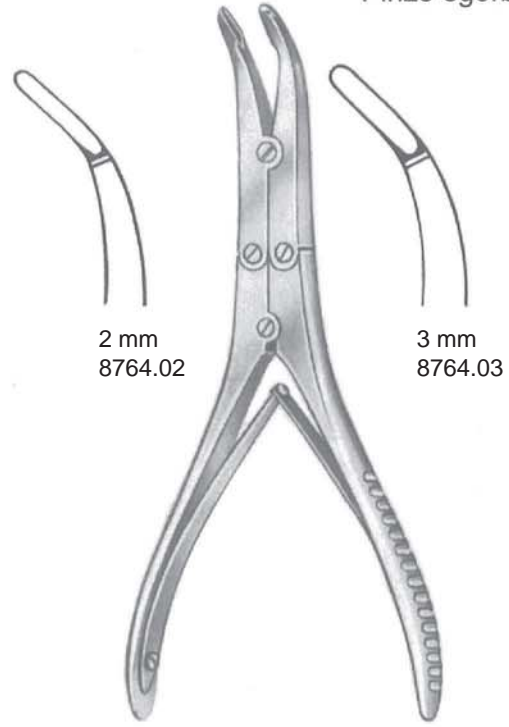
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



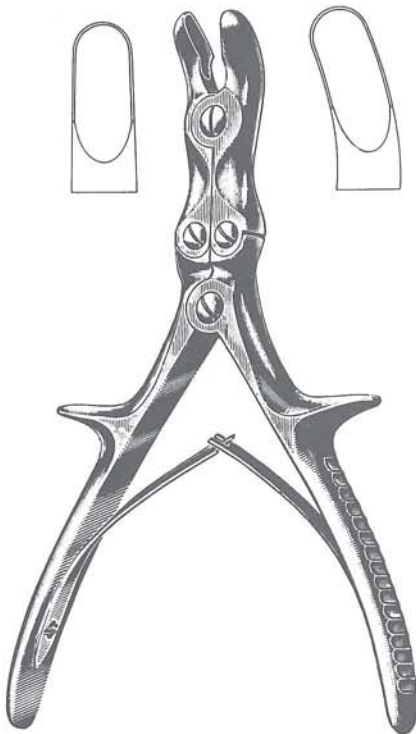
— RUSKIN —
8770.18 18,0 cm 8775.18



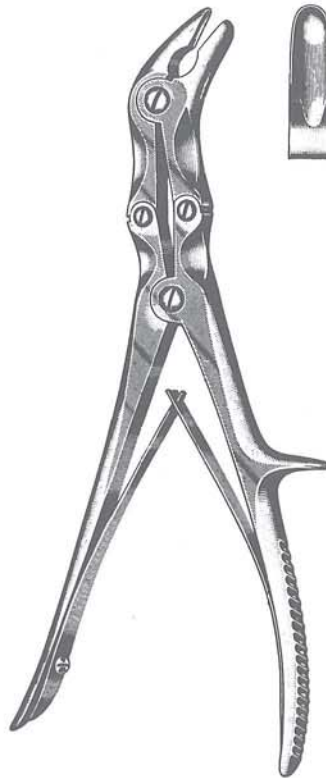
RUSKIN
8793.23 23,0 cm



KLEINERT-KUTZ
15,0 cm



— STILLE-LUER —
8783.23 23,0 cm 8785.23

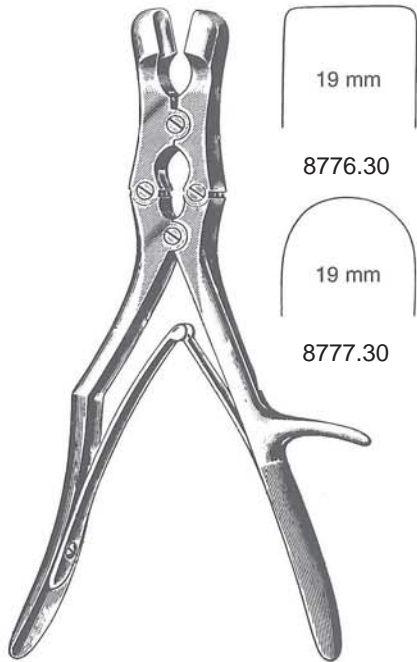


STILLE-LUER
8790.23 23,0 cm



STILLE-RUSKIN
8791.23 23,0 cm

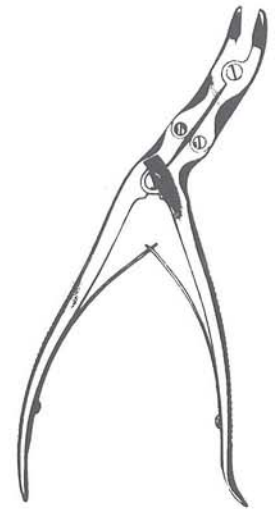
Hohlmeißelzangen
 Bone Rongeurs
 Pinzas-gubias
 Pinze sgorbie



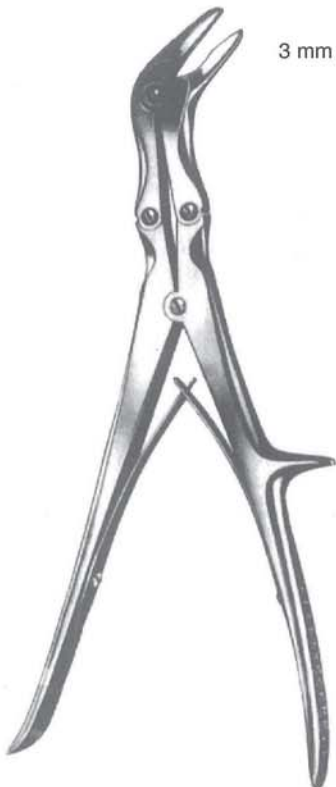
SAUERBRUCH
 30,0 cm



LEKSELL (STILLE)
 23,0 cm



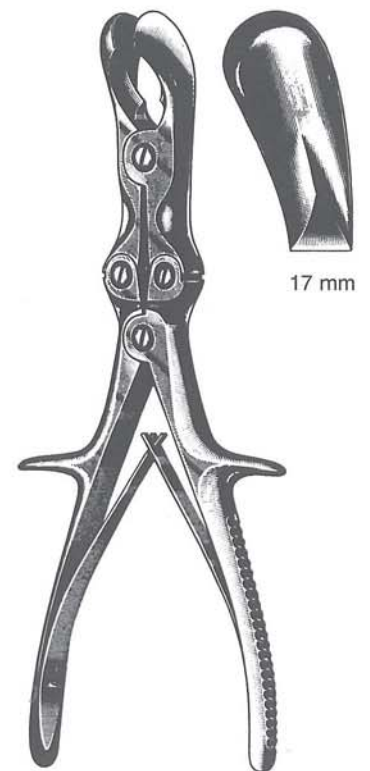
SCAGLIETTI
 26,0 cm
 8778.26 rechts right derecha a destra
 8779.26 links left izquierda a sinistra



ECHLIN
 8787.23 23,0 cm



FRYKHOLM
 8788.24 24,0 cm



SEMB
 8789.22 22,5 cm

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curette taglienti

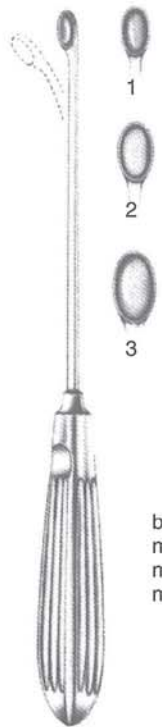


Fig.
1 9080.01
2 9080.02
3 9080.03

biegsam
malleable
maleable
malleabile

HALLE 23,0cm
9080.01 - 9080.03



Fig.
000 9082.98
00 9082.99
0 9082.00
1 9082.01
2 9082.02
3 9082.03
4 9082.04
5 9082.05
6 9082.06

SPINAL 20,0cm
9082.98 - 9082.06

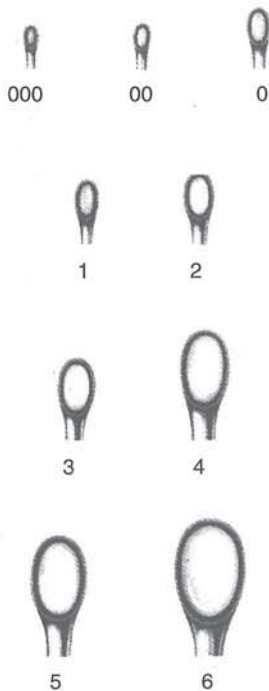


Fig.
000 9084.98
00 9084.99
0 9084.00
1 9084.01
2 9084.02
3 9084.03
4 9084.04
5 9084.05
6 9084.06

SPINAL 20,0cm
9084.98 - 9084.06



9085.01
9085.02
9085.03

SCOVILLE 25,0cm
9085.01 - 9085.03

Scharfe Löffel
 Bone Currettes
 Cucharillas cortantes
 Curette taglianti

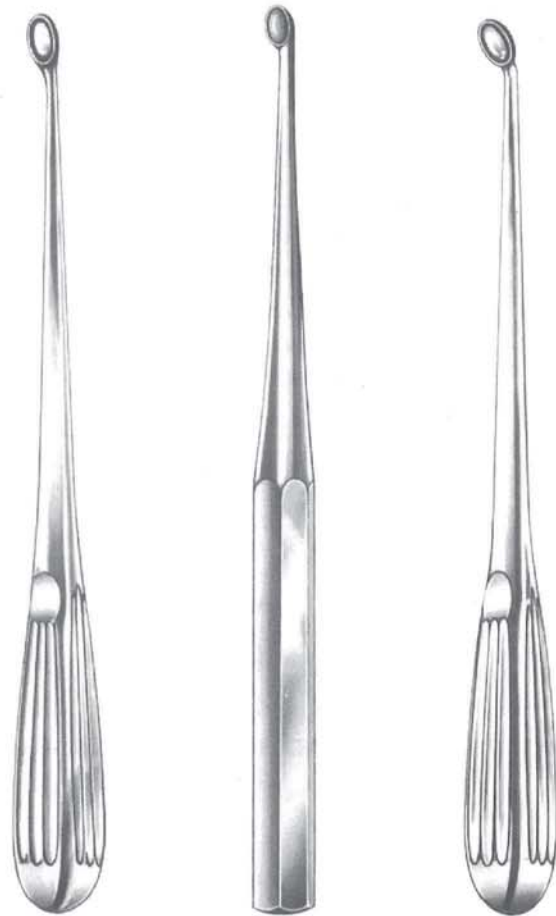
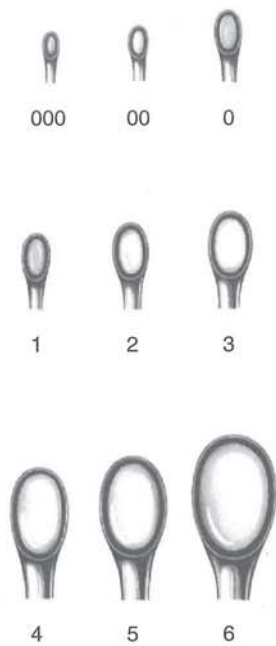
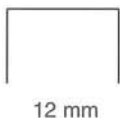


Fig.	BRUNS 23,0 cm	BRUNS 23,0 cm	BRUNS 23,0 cm
000	9077.97	9126.30	9078.97
00	9077.98	9126.20	9078.98
0	9077.00	9126.10	9078.00
1	9077.01	9126.01	9078.01
2	9077.02	9126.02	9078.02
3	9077.03	9126.03	9078.03
4	9077.04	9126.04	9078.04
5	9077.05	9126.05	9078.05
6	9077.06	9126.06	9078.06

Osteotome
Osteotomes
Cinceles
Scalpelli



MINI-LAMBOTTE



12,5 cm	mm	17,0 cm	mm	24,0 cm	mm
8320.02	2	8339.02	2	8330.04	4
8320.03	3	8339.03	3	8330.06	6
8320.04	4	8339.04	4	8330.08	8
8320.06	6	8339.06	6	8330.10	10
8320.08	8	8339.08	8	8330.13	13
8320.10	10	8339.10	10	8330.16	16
8320.12	12	8339.12	12	8330.18	18
8320.15	15	8339.15	15	8330.20	20
				8330.25	25
				8330.30	30
				8330.38	38
				8330.44	44
				8330.50	50

Hohlmeißel mit Ferrozellgriff
Gouges with Ferrozell-Handle
Gubias con mango de Ferrozell
Sgorbie con manico di Ferrozell

8 mm



COBB
8341.28 28,0 cm

8 mm



COBB
8342.28 28,0 cm

8 mm



COBB
8343.28 28,0 cm

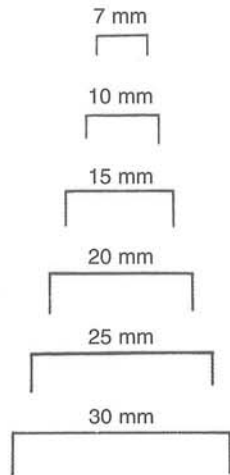
8 mm



COBB
8344.28 28,0 cm

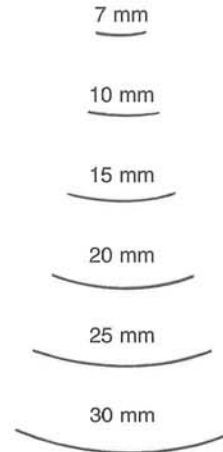
MATTES

Osteotome, Hohlmeißel mit Ferrozell-Griff
 Osteotomes and Gouges with Ferrozell-Handle
 Gubias con mango de Ferrozell
 Osteotomo, con manico di Ferrozell

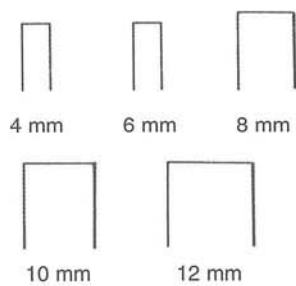


8310.07	7 mm	8315.07
8310.10	10 mm	8315.10
8310.15	15 mm	8315.15
8310.20	20 mm	8315.20
8310.25	25 mm	8315.25
8310.30	30 mm	8315.30

LEXER
22,0 cm

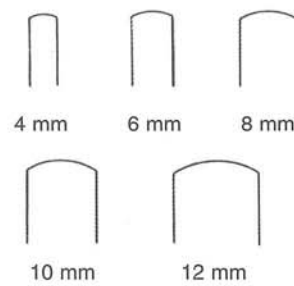


LEXER
22,0 cm



8300.04	4 mm	8305.04
8300.06	6 mm	8305.06
8300.08	8 mm	8305.08
8300.10	10 mm	8305.10
8300.12	12 mm	8305.12

LEXER MINI
18,0 cm



LEXER MINI
18,0 cm

Flachmeißel
Chisels
cinceles
Scalpelli



20 mm

8346.24
24,5 cm



20 mm

8347.26
26,0 cm

Hohlmeißel mit NOVOTEX-Griff
Gouges with Novotex-Handle
Gubias con mango de Novotex
Sgorbie con manico di Novotex



ZIELKE 23,0 cm
8348.55 5,5 mm
8348.90 9,0 mm



9 mm

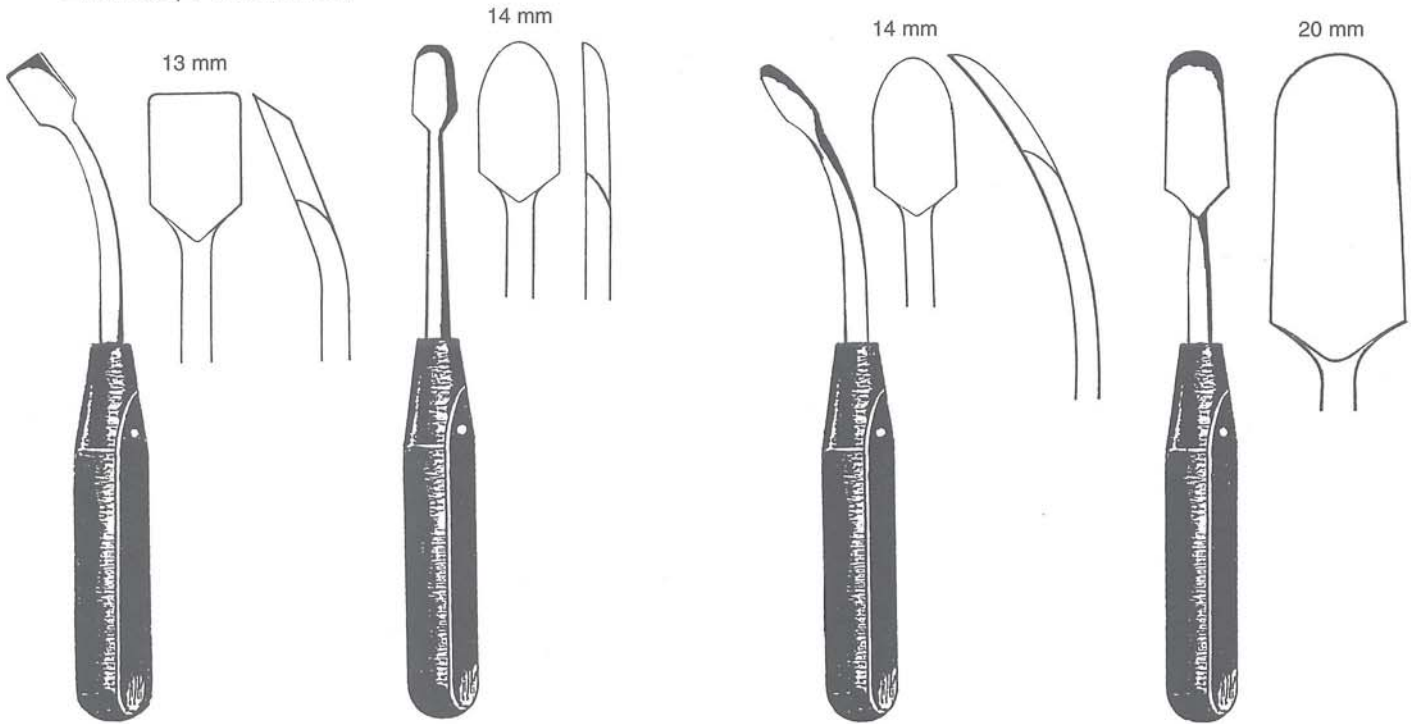
22,0 cm
8349.22



25,0 cm
8350.05 5 mm
8350.10 10 mm
8350.15 15 mm

MATTES

Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Periostótomos
Elevatori, Periostotomi



9753.19
18,5 cm

9750.19
19,5 cm

9752.18
18,5 cm

9754.20
20,0 cm



9749.10

131490

9748.04

9749.13

131492

9748.06

9749.19

131496

9748.08

COBB
9749.10 - 9749.19
28,0 cm

COBB
131490 - 131496
24,0 cm

COBB
9748.04 - 9748.08
27,0 cm

Raspatoeren, Elevatoren
Raspatories, Elevators
Periostótomos, Elevadores
Periostotomi, Elevatori



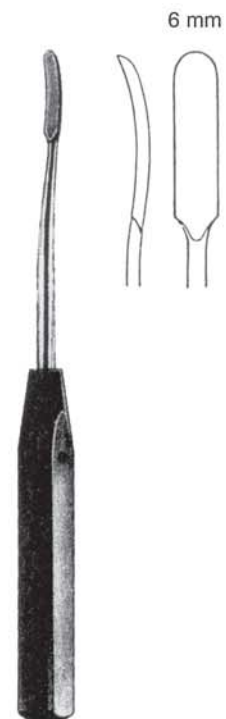
8401.16
19,0 cm



8401.17
18,5 cm



8401.18
18,5 cm



8401.19
18,5 cm

MATTES

Nervhaken, Durahaken
Nerve Hooks, Dura Hooks
Ganchos para nervios y para dura-madre
Unicini per nervi e per dura-madre



DANDY
8870.20
20,0 cm



DANDY
8871.20
20,0 cm



DANDY
8872.20
20,0 cm



CUSHING
8875.28
28,0 cm



CUSHING
8876.28
28,0 cm



GRAHAM
8877.16
16,5 cm



SACHS
8878.18
18,0 cm



ADSON
8880.20
20,0 cm



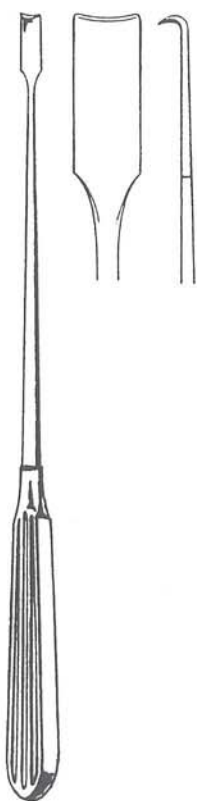
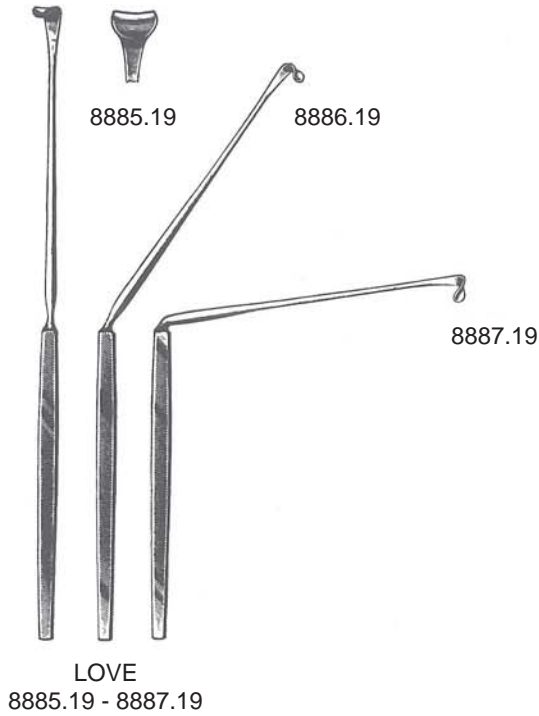
ADSON
8881.20
20,0 cm



SMITHWICK
8882.29
29,0 cm

MATTES

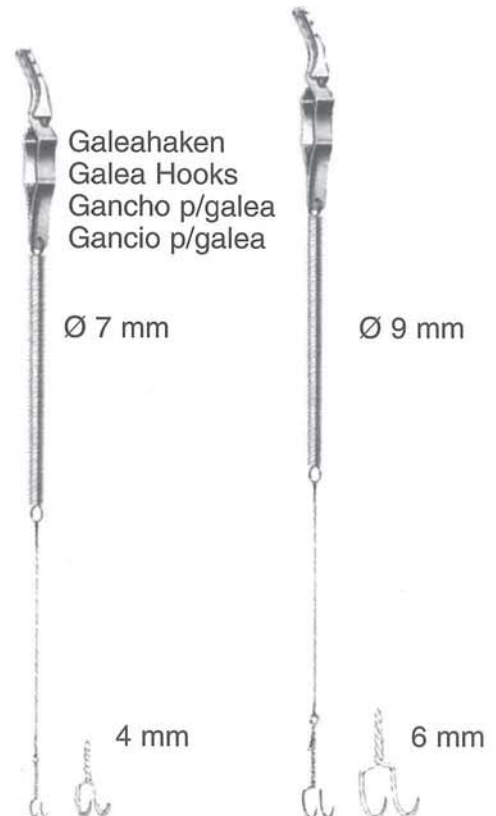
Nervwurzelnhaken, Galea Haken
 Nerve Root Retractors, Galea Hooks
 Separadores de raiz de nervios, Gancho para galea
 Uncini per le radici dei nervi, Uncini galea



SCOVILLE
8955.23 23,0 cm



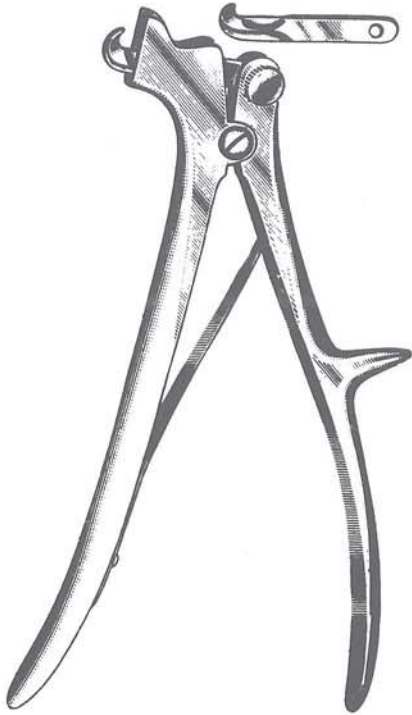
HOLSHER
8956.24 24,0 cm



YASARGIL
8959.31 31,0 cm

YASARGIL
8960.41 41,0 cm

Instrumente zur Schädelöffnung
 Instruments for cranial opening
 Instrumentos para craniotomia
 Strumenti per aprire il cranio



DeVILBISS
 8991.21 21,0 cm



GIGLI
 8382.00

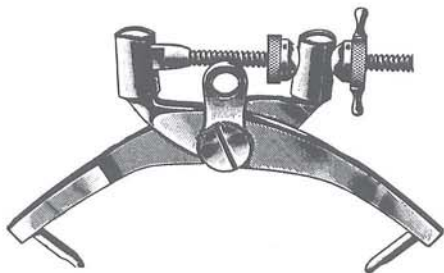


OLIVECRONA
 8380.30 30,0 cm
 8380.40 40,0 cm
 8380.50 50,0 cm
 8380.60 60,0 cm
 8380.70 70,0 cm

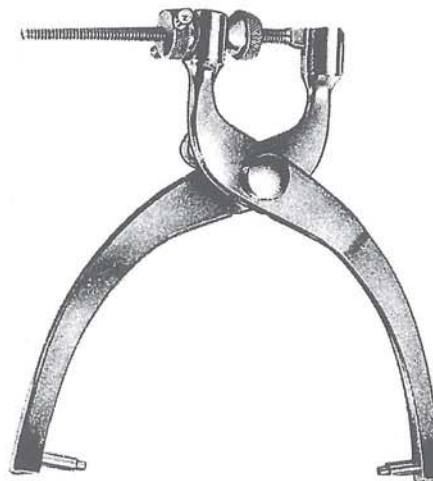


DeMARTEL
 8958.33 33,0 cm

Schädelalter
 Cervical Traction Tongs
 Pinzas de tracción craneal
 Pinze per trazione craneale



CRUTSCHFIELD
 8985.01



CRUTSCHFIELD
 8985.02



8984.35
 ø 3,5 mm

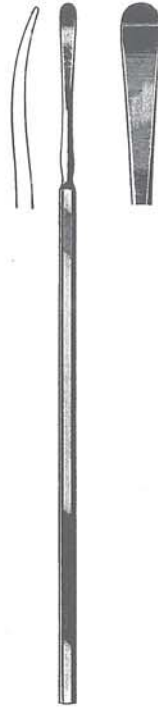


8984.50
 ø 5,0 mm

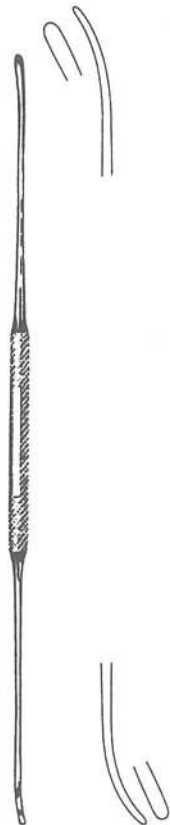
Dura Dissektoren
Dura Dissectors
Elevadores para la duramadre
Scollatori per duramadre



SACHS
8992.21



SACHS
8993.21



OLIVECRONA
8994.18 18,0 cm
8994.24 24,0 cm



MILLIGAN
8995.21

MATTES

Dura Dissektoren
Dura Dissectors
Elevadores para la duramadre
Scollatori per duramadre



8996.22



DAVIS
8997.24

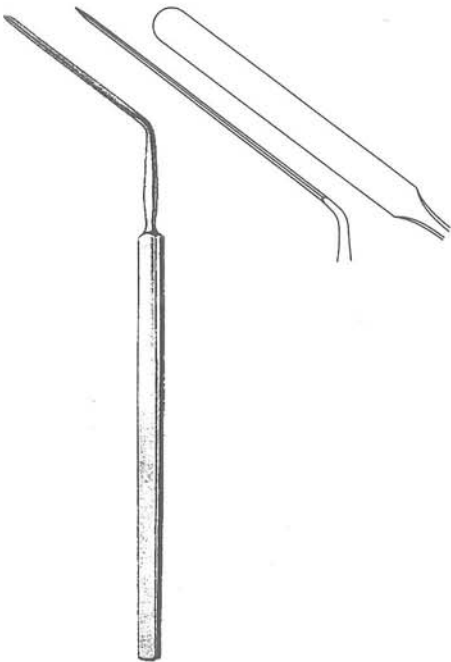


FREER
11673.18 18,0 cm



TOENNIS
8990.25 25,0 cm

Dura Dissektoren, Messer
Dura Dissectors, Knife
Elevadores, bisturí para duramadre
Scollatori, bisturi per duramadre



HORSLEY
9000.20 20,0 cm



FRAZIER
9001.01 15,0 cm



HOEN
9001.02 15,0 cm



HOEN
9001.03 15,0 cm

Bohrapparate
Bone Hand Drills
Perforadores óseos manuales
Perforatori a mano



8445.00
Griff alleine
Handle only
Mango solo
Manico solo

HUDSON
8445.27 27,0 cm
compl. incl.
8445.09, -14, -16,-22
8446.00



8445.09
9 mm



8445.14
14 mm



8445.16
16 mm



8445.22
22 mm



8445.20
2 mm



CUSHING
8446.10
8446.14
8446.16



ERRICO
8446.17
ø 16 mm



MC KENZIE
8446.13
ø 13 mm



8446.00
Verlängerungsstück
Extension piece
Pieza alargadera
Giunto di prolungamento

Dissektoren
Dissectors
Disectores
Scollatori



9002.01
175 mm / 6"

doppelendig
doubleended
de extremo doble
doppio

PENFIELD
Fig. 1
9002.01
175 mm / 7"



9002.02
195 mm / 7 3/4"

doppelendig
doubleended
de extremo doble
doppio

PENFIELD
Fig. 2
9002.02
195 mm / 7 3/4"



9002.03
195 mm / 7 3/4"

doppelendig
doubleended
de extremo doble
doppio

PENFIELD
Fig. 3
9002.03
195 mm / 7 3/4"



9002.04
205 mm / 8"

PENFIELD
Fig. 4
9002.04
205 mm / 8"



9002.05
290 mm / 11 1/2"

doppelendig
doubleended
de extremo doble
doppio

PENFIELD
Fig. 5
9002.05
290 mm / 11 1/2"

MATTES

Skalpelli
Scalpel Handles
Mangos de bisturi
Manici per bisturi



1/1

9946.13 135 mm / 5½"



1/1

9948.15 155 mm / 6"



1/1

9952.18 180 mm / 7" CASPAR



1/1

9954.20 200 mm / 8"



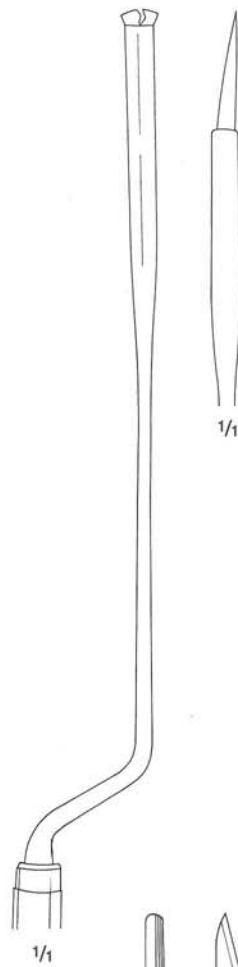
1/1

9954.20
200 mm / 8"

MATTES

Skalpellgriffe
Scalpel Handles
Mangos de bisturi
Manici per bisturi

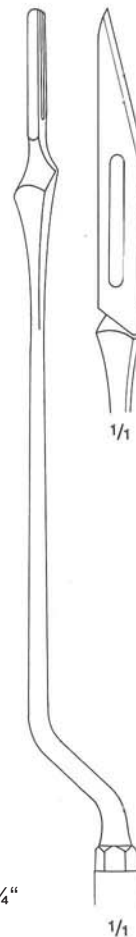
9953.21 210 mm / 8¼" LANDOLT
9957.25 250 mm / 10"



LANDOLT
9953.21
250 mm / 10"

9971.21 210 mm / 8¼"

LANDOLT
9971.21
210 mm / 8¼"



LANDOLT
9957.25
250 mm / 10"



Explorations- und Koagulationshäkchen
 Exploration- and Coagulation Hooks
 Ganchos para exploración y coagulación
 Uncini per esplorazione e coagulazione



1/1

CASPAR
 10088.02
 245 mm / 9³/₄"



1/1

9988.01 245 mm / 9³/₄" CASPAR

 isoliert
 insulated
 aislado
 isolato

10088.02 245 mm / 9³/₄" CASPAR

 nicht isoliert
 not insulated
 no-aislado
 non isolato



1/1

9989.01 245 mm / 9³/₄" CASPAR

 isoliert
 insulated
 aislado
 isolato

10089.02 245 mm / 9³/₄" CASPAR

 nicht isoliert
 not insulated
 no-aislado
 non isolato



1/1

9990.01 245 mm / 9³/₄" CASPAR

 isoliert
 insulated
 aislado
 isolato

10090.02 245 mm / 9³/₄" CASPAR

 nicht isoliert
 not insulated
 no-aislado
 non isolato



1/1

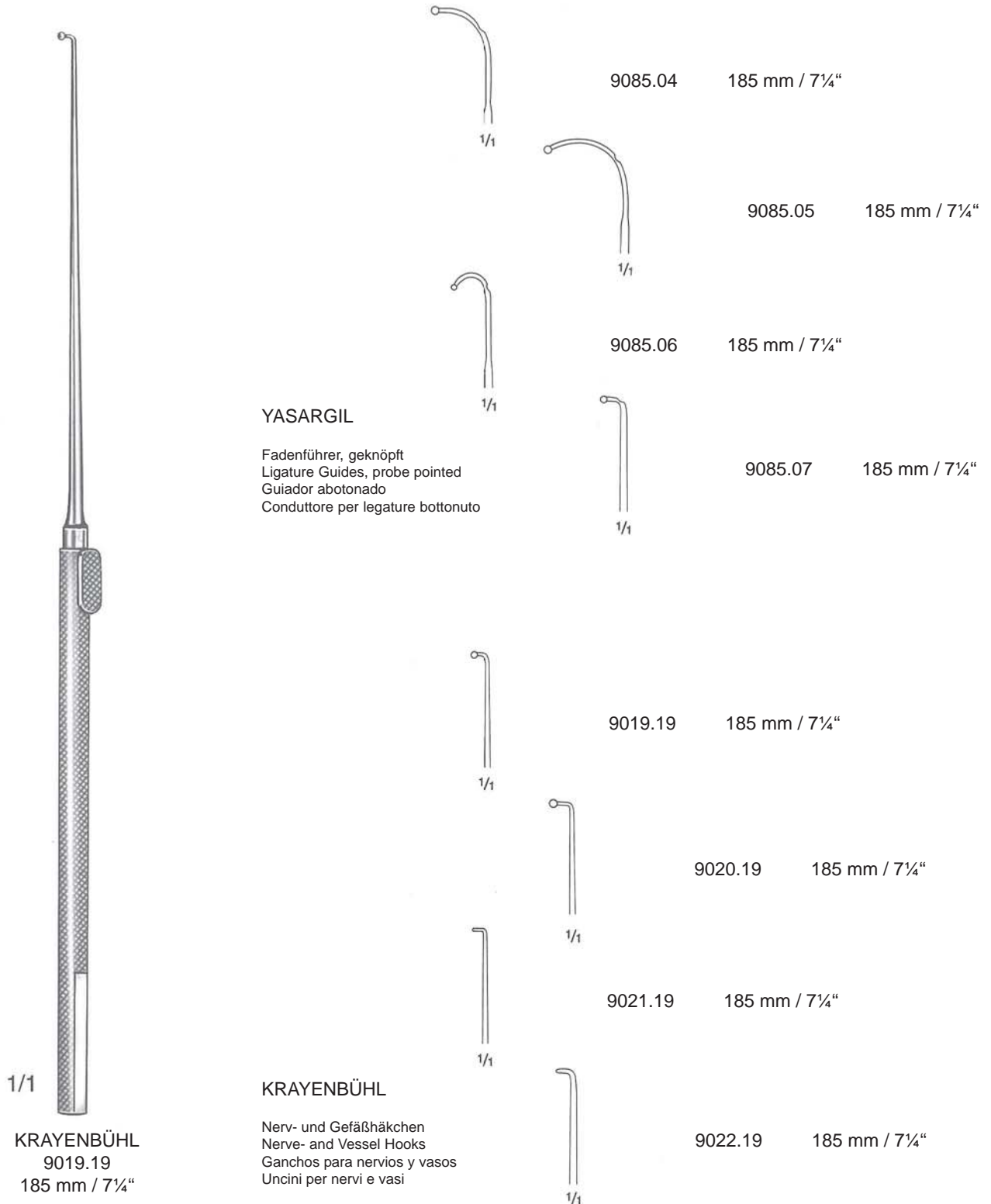
9991.01 245 mm / 9³/₄" CASPAR

 isoliert
 insulated
 aislado
 isolato

10091.02 245 mm / 9³/₄" CASPAR

 nicht isoliert
 not insulated
 no-aislado
 non isolato

Fadenführer, Nerv- und Gefäßhäkchen
 Ligature Guides, Nerve- and Vessel Hooks
 Guiadores para ligaduras, ganchos para nervios y vasos
 Conduitori per legature, uncini per nervi e vasi

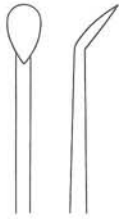


Mikro-Raspatorien
 Micro-Raspatories
 Raspadores para micro-cirugía
 Micro periostotomi



1/1

9086.01 185 mm / 7¼" YASARGIL



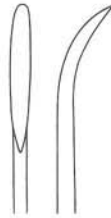
1/1

9086.02 185 mm / 7¼" YASARGIL



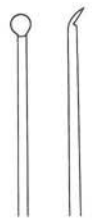
1/1

9086.03 185 mm / 7¼" YASARGIL



1/1

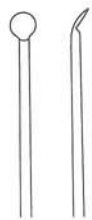
9086.05 185 mm / 7¼" YASARGIL



1/1

9086.06 230 mm / 9"

plattenförmig
 round blade
 redondo
 rotondo



1/1

9086.07 230 mm / 9"

plattenförmig
 round blade
 redondo
 rotondo

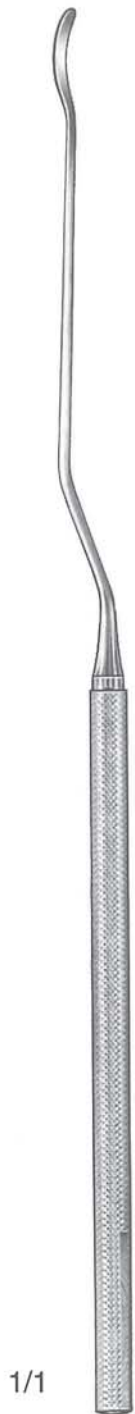


1/1

YASARGIL
 9086.01
 185 mm / 7¼"

MATTES

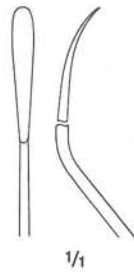
Mikro-Raspatorien
Micro-Raspatories
Raspadores para micro-cirugía
Micro periostotomi



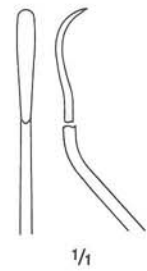
YASARGIL
9087.03
185 mm / 7¼"



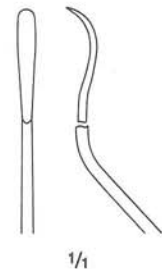
9087.01 230 mm / 9"



9087.02 185 mm / 7¼" YASARGIL



9087.03 185 mm / 7¼" YASARGIL



9087.04 185 mm / 7¼" YASARGIL

Mikro-Löffel
Micro Scoops
Micro-cucharillas
Micro curette



1/1

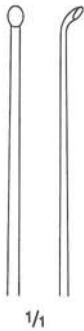
9088.02
230 mm / 9"



1/1

9088.01 230 mm / 9"

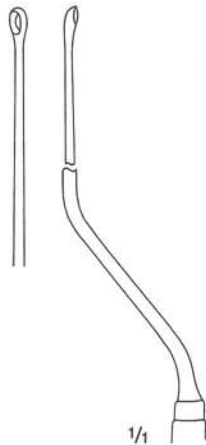
scharf
sharp
cortante
tagliente



1/1

9088.02 230 mm / 9"

scharf
sharp
cortante
tagliente



1/1

9088.03 185 mm / 7 1/4" YASARGIL

scharf
sharp
cortante
tagliente

Griff für auswechselbare Gefäßmesser und Hähchen
Handle for interchangeable Vessel Knives and Hooks
Mangos para bisturí y ganchos intercambiables
Manici per bisturi e uncini intercambiabili



9089.02 95 mm / 3³/₄" JACOBSON

auswechselbares Gefäßmesser für Griff 9089.01
interchangeable vessel knife for handle 9089.01
cuchillo suelto para mango 9089.01
bisturi intercambiabile per manico 9089.01



9089.03 95 mm / 3³/₄"

auswechselbares Hähchen für Griff 9089.01
interchangeable hook for handle 9089.01
gancho suelto para mango 9089.01
uncini intercambiabile per manico 9089.01

1/1



9089.01 105 mm / 4¹/₈"

Griff mit Spanfutter
handle with chuck
mango con chuck
manico con mandrino

Mikro-Häkchen, Mikro-Gefäßmesser
 Micro Hooks, Micro Vessel Knives
 Micro-ganchitos y micro-cuchillos
 Micro uncinetti e micro coltelli per vasi



1/1

9013.02
 230 mm / 9"



1/1

9013.01 230 mm / 9"
 scharf
 sharp
 agudo
 acuto



1/1

9013.02 230 mm / 9"
 stumpf
 blunt
 romo
 smusso



90°
 1/1

9015.19 185 mm / 7 1/4"
 scharf, gebogen
 sharp, curved
 agudo, curvado
 acuto, curvo



90°
 1/1

9016.19 185 mm / 7 1/4" FISCH
 scharf, abgewinkelt
 sharp, angled
 agudo, angulado
 acuto, angolato

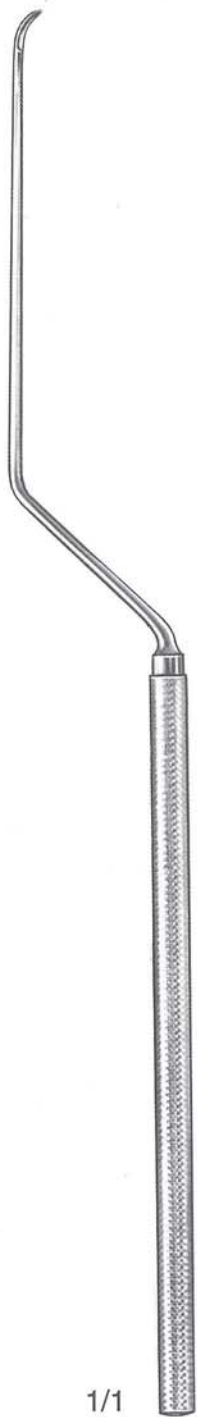


1/1

9014.19 185 mm / 7 1/4" JACOBSON
 Mikro-Gefäßmesser
 Micro Vessel Knife
 Micro-cuchillo
 Micro coltello per vasi

MATTES

Mikro-Gefäßmesser
 Micro Vessel Knives
 Micro-cuchillos
 Micro coltelli per vasi



1/1
 KOOS
 9090.02
 185 mm / 7¼"



9090.01 185 mm / 7¼" KOOS



9090.02 185 mm / 7¼" KOOS



9090.03 185 mm / 7¼" KOOS



9010.19 185 mm / 7¼" KOOS



9011.19 185 mm / 7¼" KOOS



9012.19 185 mm / 7¼" KOOS



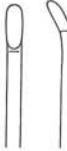
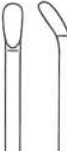






9090.05 185 mm / 7¼" YASARGIL



9090.06 185 mm / 7¼" YASARGIL

Tumormesser
Knives for tumor tissue
Cuchillos para tumores
Coltelli per tumori

	9058.20 9058.23	200 mm / 8" 230 mm / 9"	SAMII
1,0 mm			
	9059.20 9059.23	200 mm / 8" 230 mm / 9"	SAMII
1,5 mm			
	9060.20 9060.23	200 mm / 8" 230 mm / 9"	SAMII
2,0 mm			
	9061.20 9061.23	200 mm / 8" 230 mm / 9"	SAMII
2,5 mm			
	9062.20 9062.23	200 mm / 8" 230 mm / 9"	SAMII
3,0 mm			
	9063.20 9063.23	200 mm / 8" 230 mm / 9"	SAMII
3,5 mm			
	9064.20 9064.23	200 mm / 8" 230 mm / 9"	SAMII
4,0 mm			
	9065.20 9065.23	200 mm / 8" 230 mm / 9"	SAMII
5,0 mm			

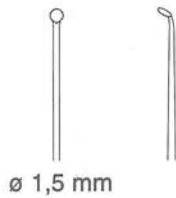


1/1

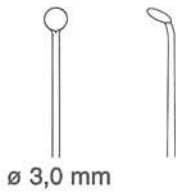
SAMII
9063.20
200 mm / 8"

MATTES

Tumormesser
Knives for tumor tissue
Cuchillos para tumores
Coltelli per tumori



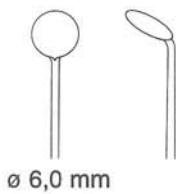
9066.20 200 mm / 8"
9066.23 230 mm / 9" SAMII



9067.20 200 mm / 8"
9067.23 230 mm / 9" SAMII



9068.20 200 mm / 8"
9068.23 230 mm / 9" SAMII



9069.20 200 mm / 8"
9069.23 230 mm / 9" SAMII



9055.23 230 mm / 9" SAMII
Lanzettenmesser
Lancet knives
Cuchillo lanceolar
Coltelli lanceolari



9056.23 230 mm / 9" SAMII
Lanzettenmesser
Lancet knives
Cuchillo lanceolar
Coltelli lanceolari



1/1

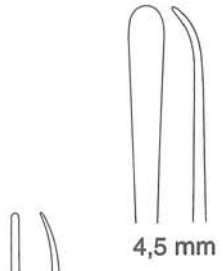
SAMII
9067.23
230 mm / 9"

Mikro-Dissektoren
 Micro Dissectors
 Micro dissectores
 Micro scollatori



1/1

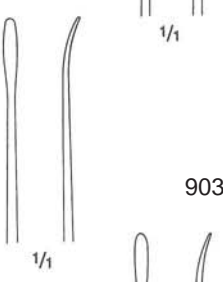
CASPAR
 9037.23
 230 mm / 9"



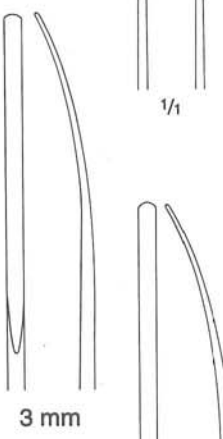
9037.23 230 mm / 9" CASPAR



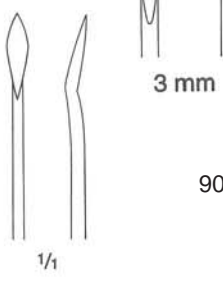
9038.20 200 mm / 8" CASPAR



9038.23 230 mm / 9"



9039.23 230 mm / 9"



9039.24 230 mm / 9"

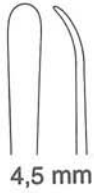
9041.18 185 mm / 7 1/4"

9041.21 215 mm / 8 1/2"

9070.18 185 mm / 7 1/4" YASARGIL

MATTES

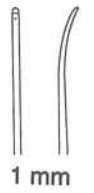
Mikro-Dissektoren
 Micro Dissectors
 Micro disectores
 Micro scollatori



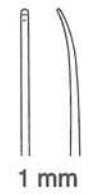
9043.01 230 mm / 9" CASPAR



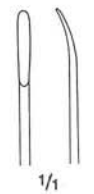
9043.02 230 mm / 9" CASPAR



9043.03 210 mm / 8 1/4" CASPAR



9043.04 210 mm / 8 1/4" CASPAR



9043.05 230 mm / 9"



9043.06 230 mm / 9"



1/1

CASPAR
 9043.01
 230 mm / 9"

Fadengabel
Suture Pusher
Empujadores de suturas
Sonda Conduitrice a forchetta



1/1

CASPAR
9044.23
230 mm / 9"



9044.18

185 mm / 7 1/4"

JACOBSON



9044.23

230 mm / 9"

CASPAR

MATTES

Tumorgabeln
Tumor Forks
Horquillas para tumores
Forchetta per tumori

9092.01 230 mm / 9"



3 mm

9092.02 230 mm / 9"



4 mm

OKONEK-
YASARGIL

9092.03 230 mm / 9"



5 mm

9092.04 230 mm / 9"



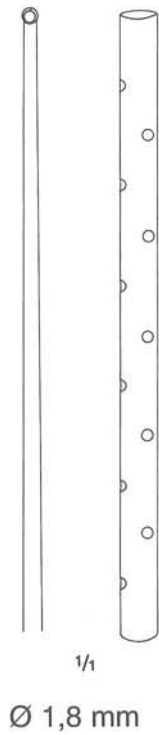
8 mm



1/1

OKONEK-YASARGIL
9092.01
230 mm / 9"

Gewebekrallen
Tissue Picks
Unas para tejidos
Uncini per tessuti



9093.18 185 mm / 7¼"
mit Schutzkappe
with guard
con protector
con capuccio di protezione



9093.18
185 mm / 7¼"

YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch
in high quality Implant steel antimagnetic
de acero inoxidable para implantes de alta calidad, antimagnético
Prodotte con acciaio di alta qualita, antimagnetico

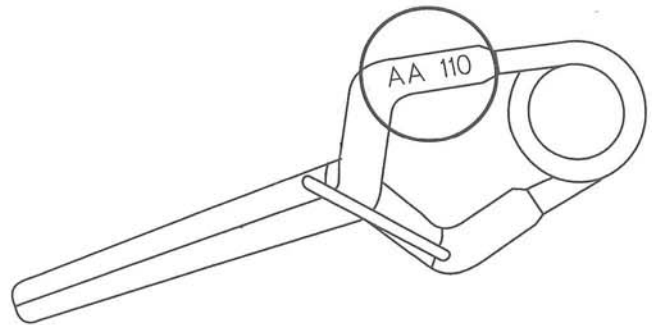
Features of the Clip

SERIAL-NUMBER

Each clip is coded with an individual serial number – marked by laser technology-
The serial number guarantees a detailed follow-up of

- the whole production process
- the closure force
- from raw material to the final product

These informations are registered in our company for the period of 10 years.



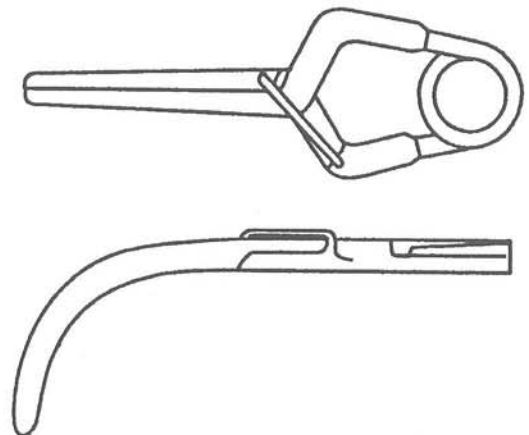
PACKING – LABELING

Each clip is individually packaged in a transparent box made of resistant plastic.
Special wishes of customers regarding the packaging will be considered by us. This will be marked on an internal instruction.

The transparent box is marked with a label in order to assure a quick and sure identification of the clip.

On the label you can find the following data:

- catalogue number
- Product description
- Illustration
- Closing force in g
- Tolerance range of closing force
- Blade length
- Maximum opening
- Blade geometry
- Serial number
- Jaw profile
- Material description
- Lot number
- the notes "NOT STERILE"
- WARNING



YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

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in high quality Implant steel antimagnetic
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Prodote con acciaio di alta qualita, antimagnetico

Features of the Clip

JAW-PROFILE

The rounded, pyramid-like structure is stamped into the jaw through a special step in production and prevents sharp edged which could perforate an aneurysm

No edges or burrs through additional rounding of structures that border the clip outer side because of this, real atraumatic application of the clip

Incrased surface area due to the pyramid-like design of the jaws inner surface the croos-like structure of the inner jaws pyramid surface doubles the tissue-holding area.

The applied pressure distributes itself evenly over the length of the jaw.

The convex closure of the clip assures an atraumatic and secure closure of the aneurysm.

Sliding of the clip is prevented.

SPRING-DESIGN

The spring size, wich is different in the Standard and Mini clips, ist the same within the same type of the Clip.

Through this, the highest degree of a secure fit is ensured by the clip applicler (clip/clip applicler fit)

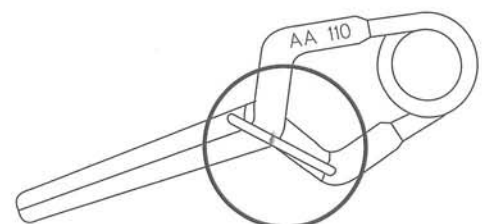
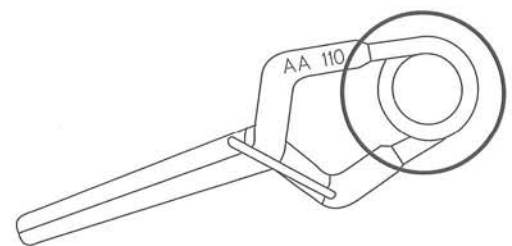
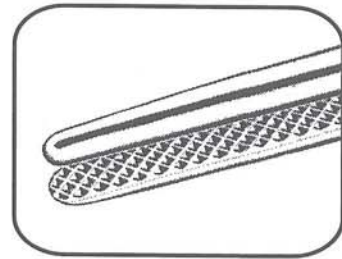
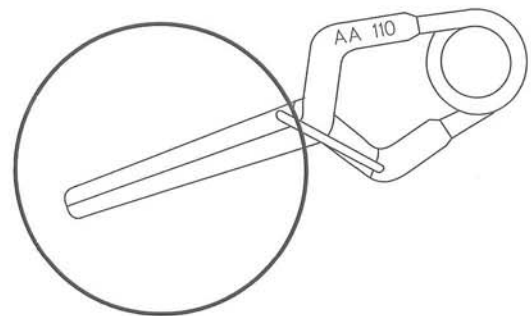
LINK-DESIGN

Laser welded

The link ensures the precise guidance of the jaws and a “soft” opening of the clip during the whole spreading process.

The contact surface of the jaws are guided symmetrically in an exact way “over the whole lenght” this fact guarantees an additional stability of the clip.

No over-stress of the material because the design of the link limits the maximum opening width.



YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch
in high quality Implant steel antimagnetic
de acero inoxidable para implantes de alta calidad, antimagnético
Prodotte con acciaio di alta qualita, antimagnetico

Features of the Clip

CLOSING-FORCE

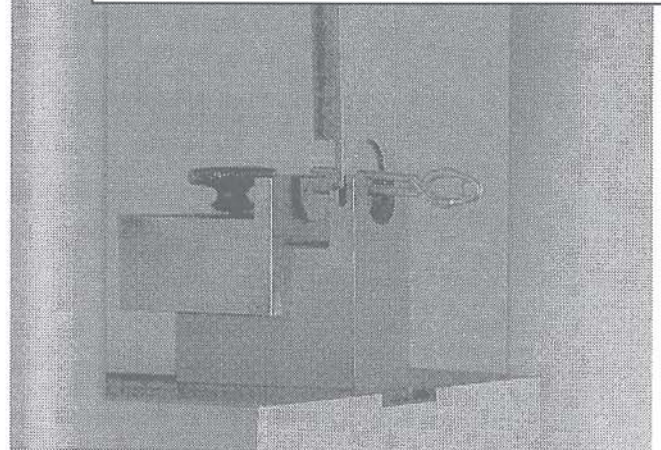
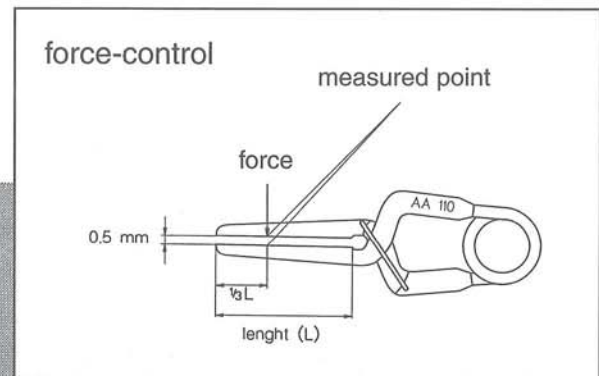
The closing force is measured at one third of the jaw length and an opening of 0,5 mm.

The final quality control of the clip is effected by a microprocessor-controlled measuring equipment.

The closing force is indicated exactly within a certain tolerance.

By the help of a special software program we assure that before the clip passes the final quality control its closure force is fixed. As a consequence we exclude any kind of manipulation.

All relevant technical data are stored during the control procedure and printed on the label.



Material and Quality Assurance

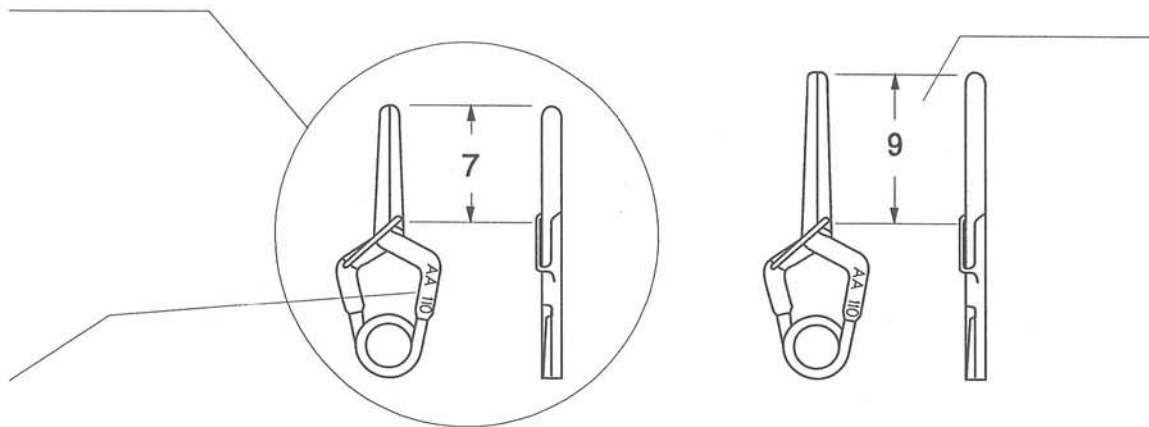
According to DIN 17445, implant steel is used in the production of our Aneurysm Clip

- High stability characteristics
- Exellent tissue compatibility
- Secure closure of blood vessels
- Antimagnetic
- Ideally suited as implantation material
- Security against over straining

YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch
in high quality Implant steel antimagnetic
de acero inoxidable para implantes de alta calidad, antimagnético
Prodotte con acciaio di alta qualita, antimagnetico

Erklärung zum Katalog-System
Instructions for the catalogue-system
Explicaciones para el sistema del catálogo
Esempio del sistema del catalogo



MATTES

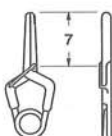
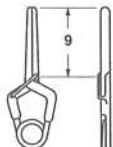
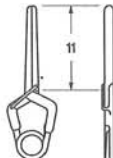
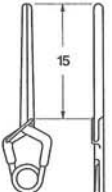
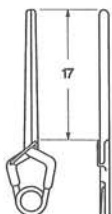
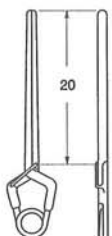
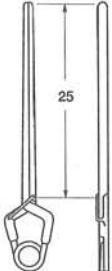
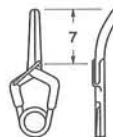
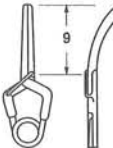
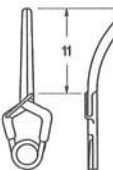
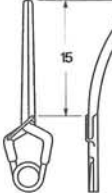
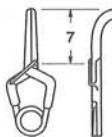
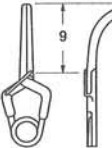
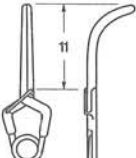
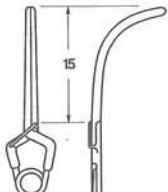
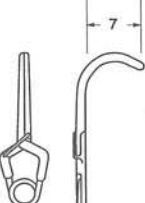
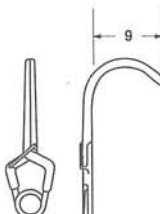
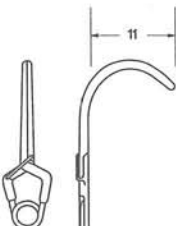
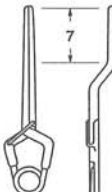
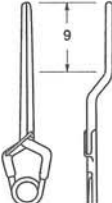
YASARGIL – Aneurysmen – Gefäß – Clips
 YASARGIL – Aneurysm – Vessel – Clips
 YASARGIL – Clips para aneurisma
 YASARGIL – Clips per aneurisma

Instrument aus Titan
 Instrument from Titanium
 Instrumento de Titanio
 Strumento in Titanio

aus hochwertigem Implantat-Stahl antimagnetisch
 in high quality Implant steel antimagnetic
 de acero inoxidable para implantes de alta calidad, antimagnético
 Prodotte con acciaio di alta qualità, antimagnetico

YASARGIL-STANDARD für permanenten Verschluss
 YASARGIL-STANDARD for permanent closure
 YASARGIL-STANDARD para cierre permanente
 YASARGIL-STANDARD con chiusura permanente

Standard

						
Cat. Nr.	21600.62	21600.70	21600.78	21600.92	21601.10	21601.11
Cat. Nr.	21600.62 T	21600.70 T	21600.78 T	21600.92 T	21601.10 T	21601.11 T
max. opening	6,2 mm	7,0 mm	7,8 mm	9,2 mm	10,6 mm	11,4 mm
Force	150 gms	180 gms	180 gms	200 gms	200 gms	0200 gms
						
21601.13	21602.60	21602.68	21602.75	21602.87	21603.55	21603.61
21601.13 T	21602.60 T	21602.68 T	21602.75 T	21602.87 T	21603.55 T	21603.61 T
13,3 mm	6,0 mm	6,8 mm	7,5 mm	8,7 mm	5,5 mm	6,1 mm
200 gms	150 gms	180 gms	180 gms	200 gms	150 gms	180 gms
						
21603.65	21603.74	21604.54	21604.58	21604.62	21604.79	21604.87
21603.65 T	21603.74 T	21604.54 T	21604.58 T	21604.62 T	21604.79 T	21604.87 T
6,5 mm	7,4 mm	5,4 mm	5,8 mm	6,2 mm	7,9 mm	8,7 mm
180 gms	200 gms	180 gms	180 gms	180 gms	200 gms	200 gms

Instrument aus Titan
Instrument from Titanium
Instrumento de Titanio
Strumento in Titanio

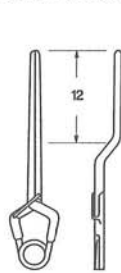
YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch
in high quality Implant steel antimagnetic
de acero inoxidable para implantes de alta calidad, antimagnético
Prodotte con acciaio di alta qualita, antimagnetico

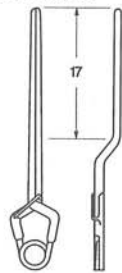
YASARGIL-STANDARD für permanenten Verschluss
YASARGIL-STANDARD for permanent closure
YASARGIL-STANDARD para cierre permanente
YASARGIL-STANDARD con chiusura permanente

Standard

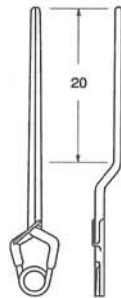
Cat. Nr.
Cat. Nr.
max. opening
Force



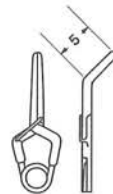
21605.10
21605.10 T
10,2 mm
200 gms



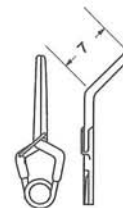
21605.12
21605.12 T
11,9 mm
180 gms



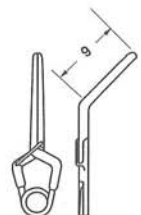
21605.13
21605.13 T
13,0 mm
180 gms



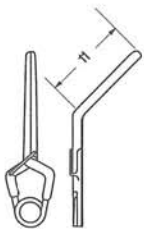
21606.62
21606.62 T
6,2 mm
200 gms



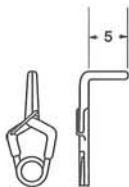
21606.65
21606.65 T
6,5 mm
200 gms



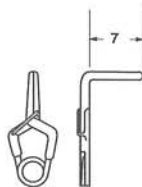
21606.78
21606.78 T
7,8 mm
200 gms



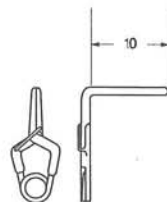
21606.84
21606.84 T
8,4 mm
200 gms



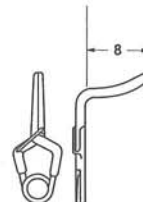
21607.56
21607.56 T
5,6 mm
200 gms



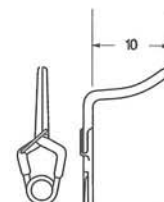
21607.57
21607.57 T
5,6 mm
200 gms



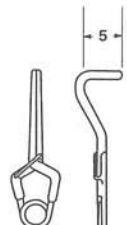
21607.58
21607.58 T
5,6 mm
200 gms



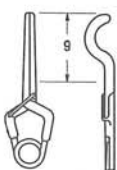
21607.59
21607.59 T
5,4 mm
200 gms



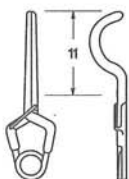
21607.60
21607.60 T
5,6 mm
200 gms



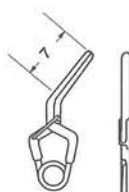
21607.72
21607.72 T
7,2 mm
200 gms



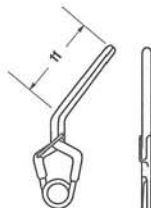
21607.73
21607.73 T
7,2 mm
200 gms



21607.82
21607.82 T
8,2 mm
200 gms



21608.57
21608.57 T
5,7 mm
200 gms



21608.80
21608.80 T
8,0 mm
200 gms



21609.70
21609.70 T
7,0 mm
200 gms

MATTES

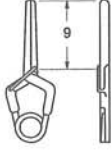
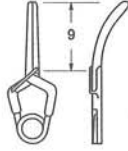
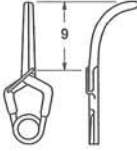
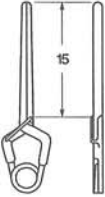
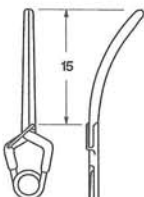
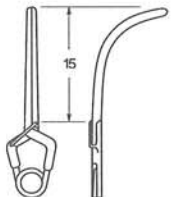
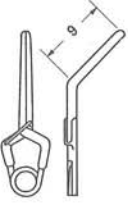
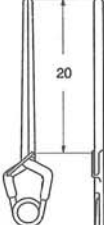
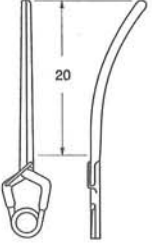
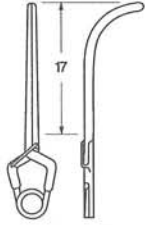
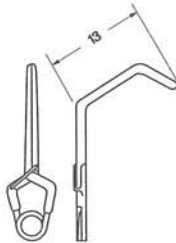
YASARGIL – Aneurysmen – Gefäß – Clips
 YASARGIL – Aneurysm – Vessel – Clips
 YASARGIL – Clips para aneurisma
 YASARGIL – Clips per aneurisma

Instrument aus Titan
 Instrument from Titanium
 Instrumento de Titanio
 Strumento in Titanio

aus hochwertigem Implantat-Stahl antimagnetisch
 in high quality Implant steel antimagnetic
 de acero inoxidable para implantes de alta calidad, antimagnético
 Prodotte con acciaio di alta qualita, antimagnetico

YASARGIL-STANDARD für temporären Verschluss
 YASARGIL-STANDARD for temporary closure
 YASARGIL-STANDARD para cierre temporal
 YASARGIL-STANDARD con chiusura temporanea

Standard

						
Cat. Nr.	21610.70	21610.68	21610.61	21611.92	21611.87	21611.74
Cat. Nr.	21610.70 T	21610.68 T	21610.61 T	21611.92 T	21611.87 T	21611.74 T
max. opening	7,0 mm	6,8 mm	6,1 mm	9,2 mm	8,7 mm	7,4 mm
Force	70 gms	70 gms	70 gms	70 gms	70 gms	70 gms
						
	21612.62	21612.12	21612.11	21612.09	21612.07	
	21612.62 T	21612.12 T	21612.11 T	21612.09 T	21612.07 T	
	6,2 mm	11,4 mm	11,0 mm	9,9 mm	7,5 mm	
	70 gms	90 gms	90 gms	90 gms	90 gms	

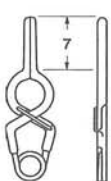
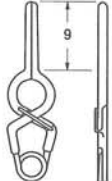
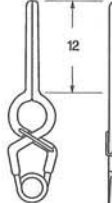
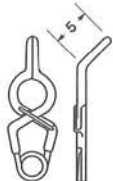

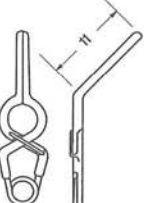
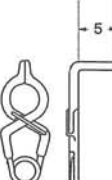

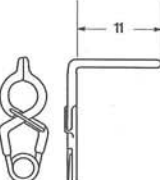
Instrument aus Titan
Instrument from Titanium
Instrumento de Titanio
Strumento in Titanio

YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch
in high quality Implant steel antimagnetic
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Prodote con acciaio di alta qualita, antimagnetico

YASARGIL-STANDARD für permanenten Verschluss
YASARGIL-STANDARD for permanent closure
YASARGIL-STANDARD para cierre permanente
YASARGIL-STANDARD con chiusura permanente

Standard

						
	21613.74	21613.84	21613.96	21614.58	21614.65	21614.72
	21613.74 T	21613.84 T	21613.96 T	21614.58 T	21614.65 T	21614.72 T
Cat. Nr.	7,4 mm	8,4 mm	9,6 mm	5,8 mm	6,5 mm	7,2 mm
Cat. Nr.	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms
max. opening						
Force						
						
	21615.49	21615.50	21615.51			
	21615.49 T	21615.50 T	21615.51 T			
	4,9 mm	4,9 mm	4,9 mm			
	150 gms	150 gms	180 gms			

MATTES

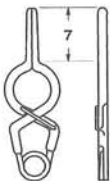
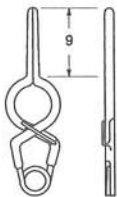
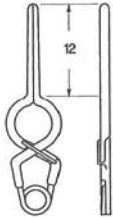

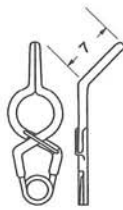
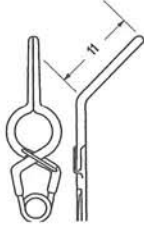
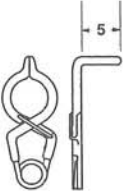
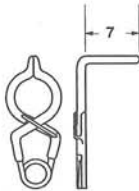
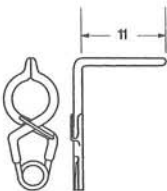
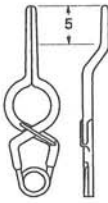
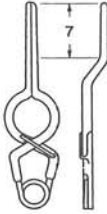

YASARGIL – Aneurysmen – Gefäß – Clips
 YASARGIL – Aneurysm – Vessel – Clips
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Instrument aus Titan
 Instrument from Titanium
 Instrumento de Titanio
 Strumento in Titanio

aus hochwertigem Implantat-Stahl antimagnetisch
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 Prodotte con acciaio di alta qualita, antimagnetico

YASARGIL-STANDARD für permanenten Verschluss
 YASARGIL-STANDARD for permanent closure
 YASARGIL-STANDARD para cierre permanente
 YASARGIL-STANDARD con chiusura permanente

Standard

						
Cat. Nr.	21616.79	21616.91	21617.10	21617.65	21617.72	21617.78
Cat. Nr.	21616.79 T	21616.91 T	21617.10 T	21617.65 T	21617.72 T	21617.78 T
max. opening	7,9 mm	9,1 mm	10,3 mm	6,5 mm	7,2 mm	7,8 mm
Force	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms
						
	21618.55	21618.56	21618.57	21618.79	21618.88	21619.00
	21618.55 T	21618.56 T	21618.57 T	21618.79 T	21618.88 T	21619.00 T
	5,5 mm	5,5 mm	5,5 mm	7,9 mm	8,8 mm	10,0 mm
	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms



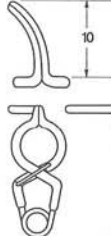


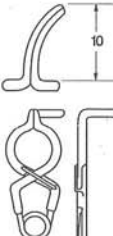
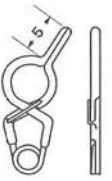
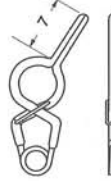
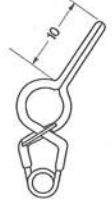




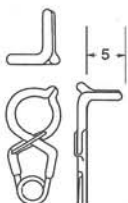
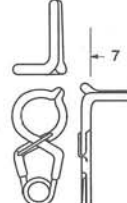
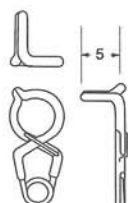
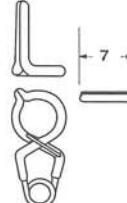
Instrument aus Titan
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YASARGIL-STANDARD for permanent closure
YASARGIL-STANDARD para cierre permanente
YASARGIL-STANDARD con chiusura permanente

Standard

							
Cat. Nr.	21620.58	21620.59	21620.60	21620.61	21620.62	21620.63	
Cat. Nr.	21620.58 T	21620.59 T	21620.60 T	21620.61 T	21620.62 T	21620.63 T	
max. opening	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm	
Force	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms	
							
	21620.70	21620.78	21620.88	21621.58	21621.62	21622.58	21622.62
	21620.70 T	21620.78 T	21620.88 T	21621.58 T	21621.62 T	21622.58 T	21622.62 T
	7,0 mm	7,8 mm	8,8 mm	5,8 mm	6,2 mm	5,8 mm	6,2 mm
	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms
							
	21623.56	21624.56	21625.56	21626.56			
	21623.56 T	21624.56 T	21625.56 T	21626.56 T			
	5,6 mm	5,6 mm	5,6 mm	5,6 mm			
	150 gms	150 gms	150 gms	150 gms			

MATTES




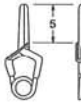
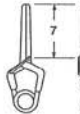



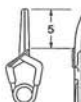

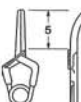
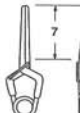





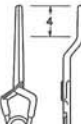
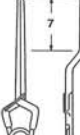

YASARGIL – Aneurysmen – Gefäß – Clips
 YASARGIL – Aneurysm – Vessel – Clips
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Mini

							
Cat. Nr.	21627.33	21627.40	21628.33	21628.40	21628.46	21629.32	
Cat. Nr.	21627.33 T	21627.40 T	21628.33 T	21628.40 T	21628.46 T	21629.32 T	
max. opening	3,3 mm	4,0 mm	3,3 mm	4,0 mm	4,6 mm	3,2 mm	
Force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms	
							
	21629.38	21630.36	21630.38	21631.36	21631.40	21631.44	21632.36
	21629.38 T	21630.36 T	21630.38 T	21631.36 T	21631.40 T	21631.44 T	21632.36 T
	3,8 mm	3,6 mm	3,8 mm	3,6 mm	4,0 mm	4,4 mm	3,6 mm
	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms
							
	21633.35	21633.40	21634.35	21634.60	21634.70	21635.57	21636.45
	21633.35 T	21633.40 T	21634.35 T	21634.60 T	21634.70 T	21635.57 T	21636.45 T
	3,5 mm	4,0 mm	3,5 mm	6,0 mm	7,0 mm	5,7 mm	4,5 mm
	110 gms	110 gms	130 gms	130 gms	130 gms	130 gms	130 gms

Instrument aus Titan
 Instrument from Titanium
 Instrumento de Titanio
 Strumento in Titanio

YASARGIL – Aneurysmen – Gefäß – Clips
 YASARGIL – Aneurysm – Vessel – Clips
 YASARGIL – Clips para aneurisma
 YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch
 in high quality Implant steel antimagnetic
 de acero inoxidable para implantes de alta calidad, antimagnético
 Prodotte con acciaio di alta qualita, antimagnetico

YASARGIL-STANDARD für temporären Verschluss
 YASARGIL-STANDARD for temporary closure
 YASARGIL-STANDARD para cierre temporal
 YASARGIL-STANDARD con chiusura temporanea

Mini

Cat. Nr.	21637.33	21637.40	21638.38	21638.46	21639.44	21640.40
Cat. Nr.	21637.33 T	21637.40 T	21638.38 T	21638.46 T	21639.44 T	21640.40 T
max. opening	3,3 mm	4,0 mm	3,8 mm	4,6 mm	4,4 mm	4,0 mm
Force	50 gms	50 gms	50 gms	70 gms	70 gms	70 gms

MATTES

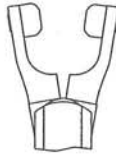
Anlegezange mit Rundgriff – FLEXIBEL – mit und ohne drehbarem Maulteil
 Applying forceps with round shaft – FLEXIBLE – with and without Rotation
 Pinzas de aplicación con mango redondo – FLEXIBLE – con y sin rotación
 Posas clips con manico rotonda guaina flessibile cover sistema rotante ed non rotante

Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	21641.07	21643.07
90 mm	21641.09	21643.09
110 mm	21641.11	21643.11

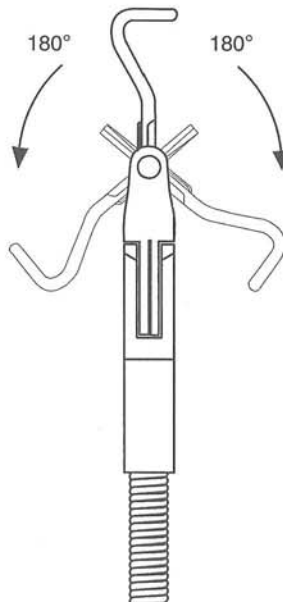
nicht drehbar
 non rotating
 sin rotación
 non rotante



drehbar
 rotating
 rotante
 rotante

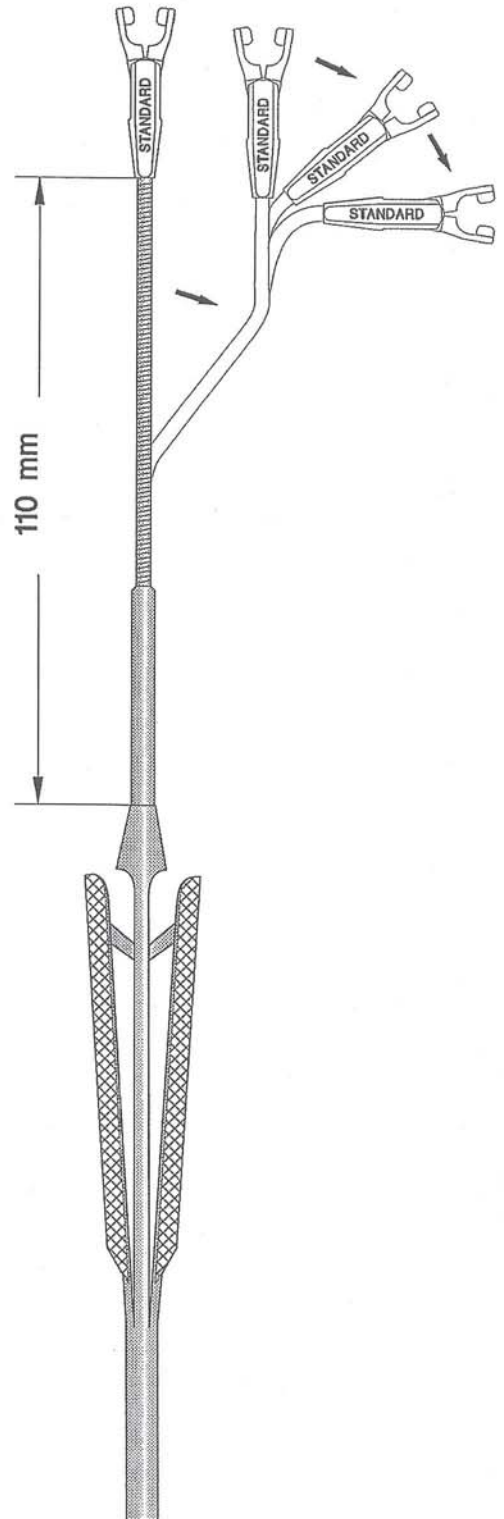


drehbar
 rotating
 rotante
 rotante



Beispiel für Drehmechanismus
 Example for Rotation
 Ejemplo de la rotación
 Esempio della rotazione

Clips drehbar im Maul
 Clips rotabile in jaw
 Clips rotabile en la boca
 Clips rotabile nel morso



21641.07 - 21644.11

Anlegezange mit Rundgriff – starr – mit und ohne drehbarem Maulteil
 Applying forceps with round shaft – rigid – with and without Rotation
 Pinzas de aplicación con mango redondo – rígido – con y sin rotación
 Posa clips con manico rotonda guaina rigida cover sistema rotante ed non rotante

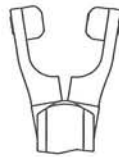
Länge
 Length
 Largo

Lunghezza	MINI	STANDARD
70 mm	21645.07	21647.07
90 mm	21645.09	21647.09
110 mm	21645.11	21647.11

nicht drehbar
 non rotating
 sin rotación
 non rotante



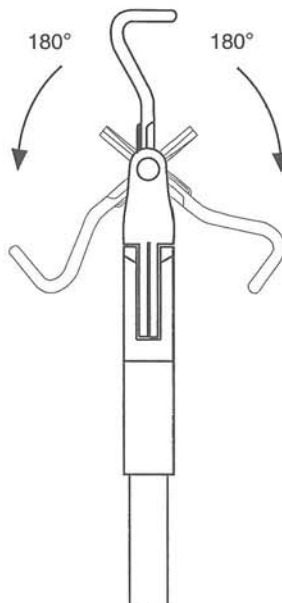
drehbar
 rotating
 rotante
 rotante



Länge
 Length
 Largo

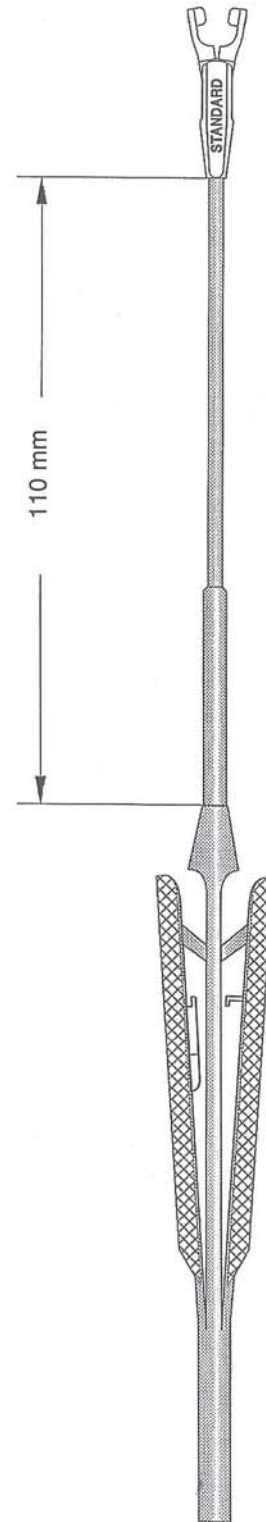
Lunghezza	MINI	STANDARD
70 mm	21646.07	21648.07
90 mm	21646.09	21648.09
110 mm	21646.11	21648.11

drehbar
 rotating
 rotante
 rotante



Beispiel für Drehmechanismus
 Example for Rotation
 Ejemplo de la rotación
 Esempio della rotazione

Clips drehbar im Maul
 Clips rotatable in jaw
 Clips rotabile en la boca
 Clips rotabile nel morso



21645.07 - 21648.11

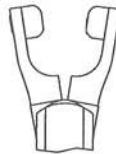
Anlegezange mit Rundgriff – starr – mit und ohne drehbarem Maulteil
 Applying forceps with round shaft – rigid – with and without Rotation
 Pinzas de aplicación con mango redondo – rigido – con y sin rotación
 Posa clips con manico rotonda guaina rigida cover sistema rotante ed non rotante

Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	21649.07	21651.07
90 mm	21649.09	21651.09
110 mm	21649.11	21651.11

nicht drehbar
 non rotating
 sin rotación
 non rotante

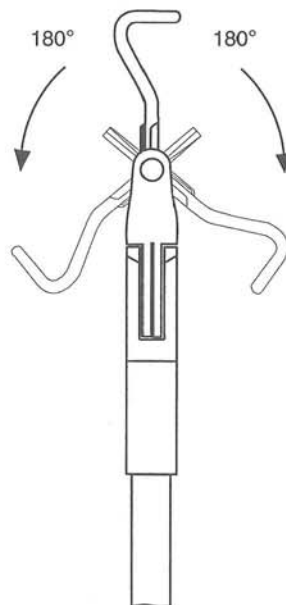


drehbar
 rotating
 rotante
 rotante



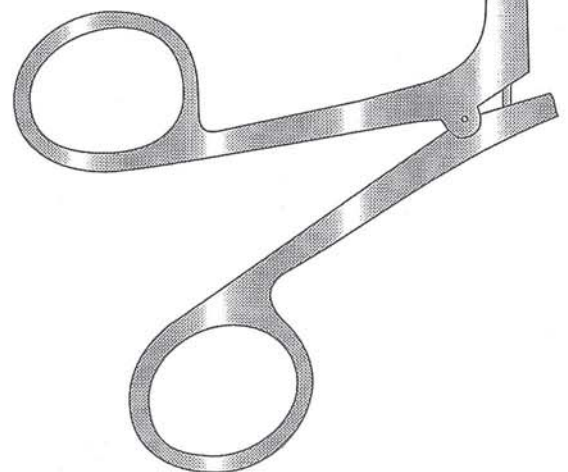
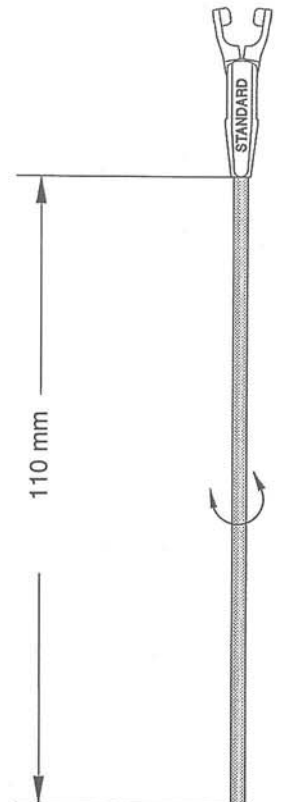
Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	21650.07	21652.07
90 mm	21650.09	21652.09
110 mm	21650.11	21652.11

drehbar
 rotating
 rotante
 rotante



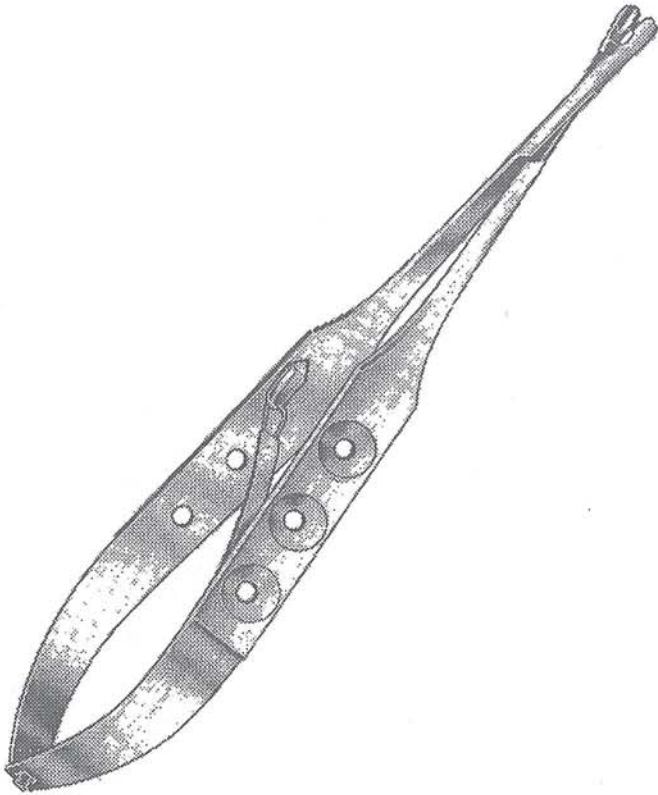
Beispiel für Drehmechanismus
 Example for Rotation
 Ejemplo de la rotación
 Esempio della rotazione

Clips drehbar im Maul
 Clips rotabile in jaw
 Clips rotabile en la boca
 Clips rotabile nel morso



21649.07 - 21652.11

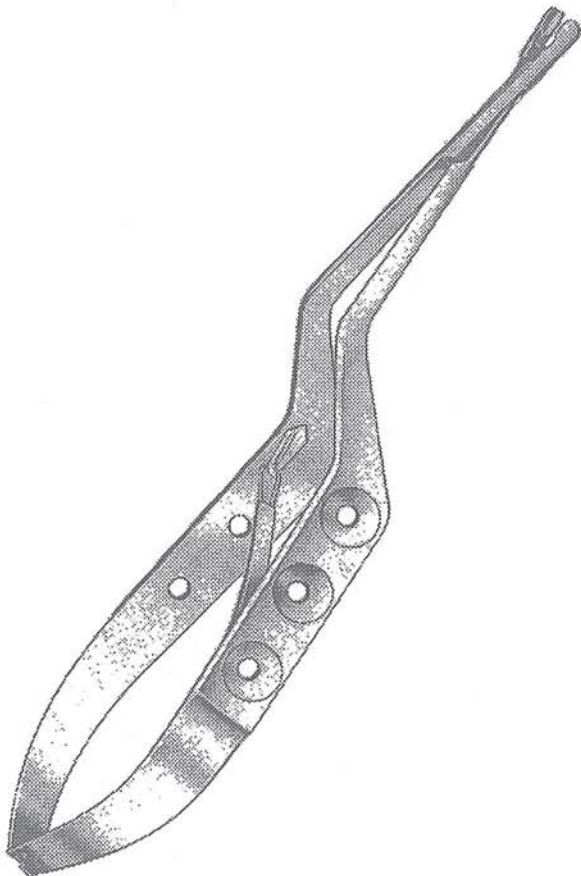
Anlegezange – mit und ohne drehbarem Maulteil
 Applying Forceps – with and without Rotation
 Pinzas de aplicación, con y sin rotación
 Pinza posa clips, con ed senza rotazione



MINI 21653.18
 STANDARD 21654.18

MINI 21655.18 drehbar / rotating / rotante / rotante
 STANDARD 21656.18 drehbar / rotating / rotante / rotante

Anlegezange gerade, mit Sperre, Länge 18 cm
 Applying Forceps straight, with Ratchet, Length 18 cm
 Pinza de aplicación, con cremallera, 18 cm
 Posa clips, retta con bloccaggio lunghezza 18 cm



Länge
 Length
 Largo
 Lunghezza

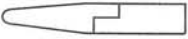
	17,0 cm	21,0 cm	23,0 cm
MINI	21657.17	21657.21	21657.23
STANDARD	21658.17	21658.21	21658.23

MINI	21659.17	21659.21	21659.23
	drehbar / rotating / rotante / rotante		
STANDARD	21660.17	21660.21	21660.23
	drehbar / rotating / rotante / rotante		

Clips drehbar im Maul
 Clips rotabile in jaw
 Clips rotabile en la boca
 Clips rotabile nel morso

Anlegezange bayonett, mit Sperre
 Applying Forceps bajonett, with Ratchet
 Pinza de aplicación, forma de bayoneta, con cremallera
 Posa clips a baionetta con bloccaggio

Gefäßclips nach BIEMER
 BIEMER Vessel Clips
 Clips para vasos de BIEMER
 Clips per vasi secondo BIEMER

	Maulöffnung Opening	Maullänge Length of jaws	Schließkraft Closing Force
 21661.40	Apertura de la boca Apertura del morso 4,0 mm	Largo de la boca Lunghezza del morso 6,0 mm	Fuerza de cierre Forza di chiusura 30 - 40 g (0,29 - 0,39 N)
 21661.50	5,0 mm	9,0 mm	30 - 40 g (0,29 - 0,39 N)
 21661.60	5,0 mm	9,0 mm	20 - 25 g (0,20 - 0,25 N)

für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 2,0 mm

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

for temporary occlusion

(identified by yellow coloured spring ends) for vessel diam. 0,5 - 2,0 mm

Blade gripping surface with oblique serrations for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

para uso temporal

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0,5 - 2,0 mm

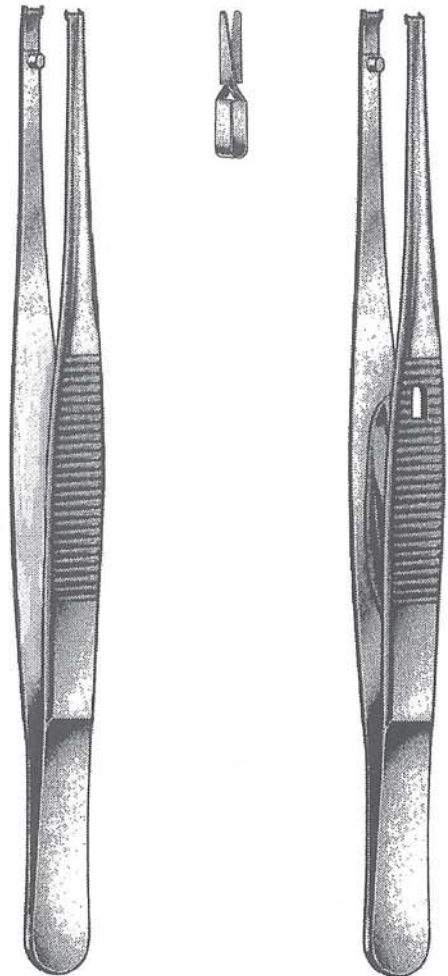
El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos

Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

per chiusura temporenea

per vasi con Diametro 0,5 - 2,0 mm

La chiusura regolata garantisce nessun rischio



BIEMER
21663.01

Anlegepinzette
ohne Schloß
für Mikro-Gefäßclips
21661.40 - 21662.50
und Approximatoren
21667.30 - 21670.50
und
21672.01 - 21672.04

Applying forceps
withoutlock
for vessel clips
21661.40 - 21662.50
and Aproximator
21667.30 - 21670.50
und
21672.01 - 21672.04

BIEMER
21663.02

Anlegepinzette
ohne Schloß
für Mikro-Gefäßclips
21661.40 - 21662.50
und Approximatoren
21667.30 - 21670.50
und
21672.01 - 21672.04

Applying forceps
withoutlock
for vessel clips
21661.40 - 21662.50
and Aproximator
21667.30 - 21670.50
und
21672.01 - 21672.04

Gefäßclips nach MEHDORN
MEHDORN Vessel Clips
Clips para vasos de MEHDORN
Clips secondo MEHDORN

für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 1,5 mm

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

for temporary occlusion

(identified by yellow coloured spring ends) for vessel diam. 0,5 - 1,5 mm

Blade gripping surface with oblique serrations for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

para uso temporal

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0.5 - 1.5 mm

El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos

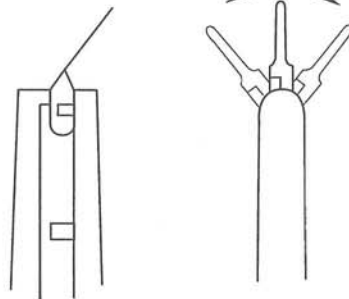
Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

per chiusura temporenea

per vasi con Diametro 0,5 - 1,5 mm

La chiusura regolata garantisce nessun rischio

Beispiele für die variable Position des Clips
Ejemplo para la variedad de la aplicación del clip
Esempio: posizioni variabili delle clips



MEHDORN
21666.00

Anlegepinzette
für Mikro-Gefäßclips
21664.10 - 21665.14

Applying forceps
for vessel clips
21664.10 - 21665.14

Pinza de aplicación para
micro clips
21664.10 - 21665.14

Pinza posa
clips per microvasi
21664.10 - 21665.14

		Maullänge Length of jaws Largo de la boca Lunghezza del morso	Schließkraft Closing Force Fuerza de cierre Forza di chiusura
	21664.10	4 x 1,0 mm	10 - 15 g (0,10 - 0,15 N)
	21664.14	4 x 1,4 mm	15 - 20 g (0,15 - 0,20 N)
	21665.10	6 x 1,0 mm	10 - 15 g (0,10 - 0,15 N)
	21665.14	6 x 1,4 mm	15 - 20 g (0,15 - 0,20 N)

Approximatoren nach Biemer-Müller
 Biemer-Müller Approximators
 Approssimatore secondo Biemer-Müller
 Aproximadores de Biemer-Müller

für temporären Gebrauch

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

for temporary occlusion

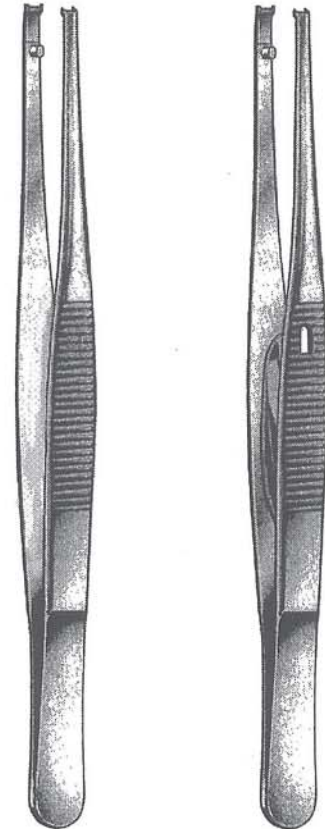
(identified by yellow coloured spring ends) for vessel diam. 0,5 - 2,0 mm
 Blade gripping surface with oblique serrations for save but careful gripping of vessels
 No risk due to rigidly fixed pressure measure

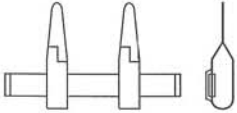
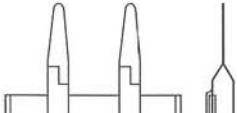
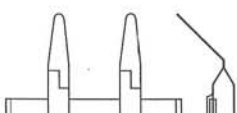
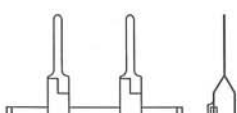
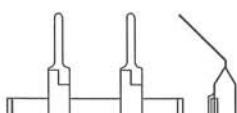
para uso temporal

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0,5 - 2,0 mm
 El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos
 Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

per chiusura temporenea

per vasi con Diametro 0,5 - 2,0 mm
 La chiusura regolata garantisce nessun rischio



	Maulöffnung Opening	Maullänge Length of jaws	Schließkraft Closing Force
	Apertura de la boca Apertura del morso	Largo de la boca Lunghezza del morso	Fuerza de cierre Forza di chiusura
 21667.30	3,0 mm	4,5 mm	30 - 40 g (0,29 - 0,39 N)
 21667.50	5,0 mm	9,0 mm	30 - 40 g (0,29 - 0,39 N)
 21668.50	5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)
 21669.50	5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)
 21670.50	5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)

BIEMER
21663.01

BIEMER
21663.02

Anlegepinzette
ohne Schloß
für Mikro-Gefäßclips
21661.40 - 21662.50
und Approximatoren
21667.30 - 21670.50
und
21672.01 - 21672.04

Anlegepinzette
ohne Schloß
für Mikro-Gefäßclips
21661.40 - 21662.50
und Approximatoren
21667.30 - 21670.50
und
21672.01 - 21672.04

Applying forceps
withoutlock
for vessel clips
21661.40 - 21662.50
and Aproximator
21667.30 - 21670.50
und
21672.01 - 21672.04

Applying forceps
withoutlock
for vessel clips
21661.40 - 21662.50
and Aproximator
21667.30 - 21670.50
und
21672.01 - 21672.04

Approximatoren nach Müller
Müller Approximators
Aproximadores de Müller
Aprossimatore secondo Müller

für temporären Gebrauch

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

for temporary occlusion

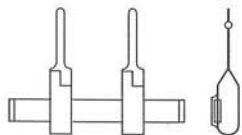
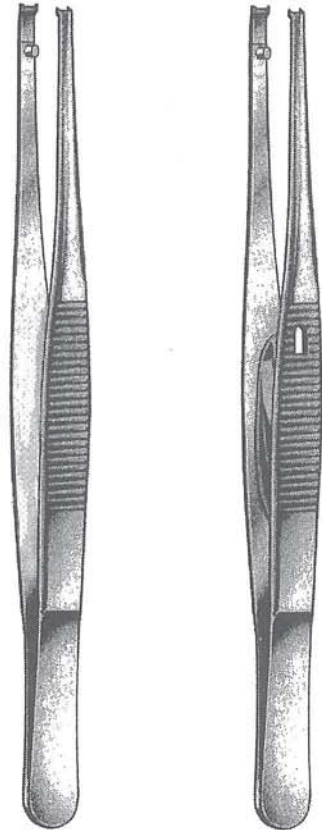
(identified by yellow coloured spring ends) for vessel diam. 0,5 - 2,0 mm
Blade gripping surface with oblique serrations for save but careful gripping of vessels
No risk due to rigidly fixed pressure measure

para uso temporal

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0,5 - 2,0 mm
El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos
Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

per chiusura temporenea

per vasi con Diametro 0,5 - 2,0 mm
La chiusura regolata garantisce nessun rischio



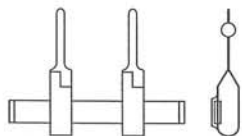
21672.01

Ø
Diameter

1,0 mm

Schließkraft
Closing Force
Fuerza de cierre
Forza di chiusura

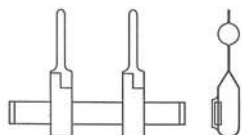
25 - 30 g
(0,25 - 0,29 N)



21672.02

2,0 mm

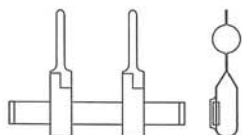
25 - 30 g
(0,25 - 0,29 N)



21672.03

3,0 mm

25 - 30 g
(0,25 - 0,29 N)



21672.04

4,0 mm

25 - 30 g
(0,25 - 0,29 N)

BIEMER
21663.01

Anlegepinzette
ohne Schloß
für Mikro-Gefäßclips
21661.40 - 21662.50
und Approximatoren
21667.30 - 21670.50
und
21672.01 - 21672.04

Applying forceps
withoutlock
for vessel clips
21661.40 - 21662.50
and Aproximator
21667.30 - 21670.50
und
21672.01 - 21672.04

BIEMER
21663.02

Anlegepinzette
ohne Schloß
für Mikro-Gefäßclips
21661.40 - 21662.50
und Approximatoren
21667.30 - 21670.50
und
21672.01 - 21672.04

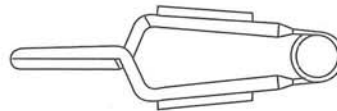
Applying forceps
withoutlock
for vessel clips
21661.40 - 21662.50
and Aproximator
21667.30 - 21670.50
und
21672.01 - 21672.04

Gefäßclips nach Müller
Müller Vessel Clips
Clips para vasos de Müller
Clip secondo Müller

für temporären Gebrauch

Maulinnenflächen pyramidenförmig für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung



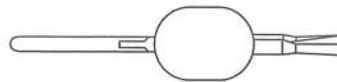
21674.50 50 g

Schließkraft
Closing Force
Fuerza de cierre
Forza di chiusura

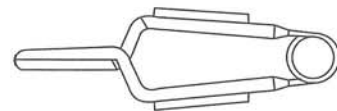
for temporary occlusion

Blade gripping surface with pyramid-like impressions for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure



21674.80 80 g

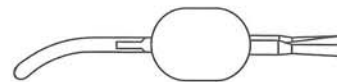


21675.50 50 g

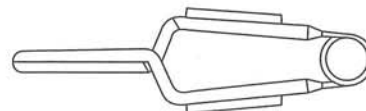
para uso temporal

El interior de las quijadas viene en forma de pirámide para un agarre seguro y cuidadoso de los vasos.

Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo.



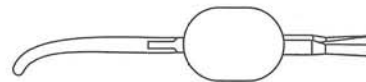
21675.80 80 g



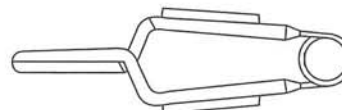
21676.50 50 g

per uso temporaneo

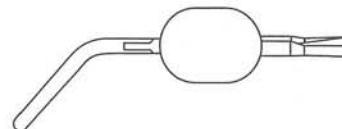
Morso interno con forma piramidale per garantire una chiusura sicura del vaso



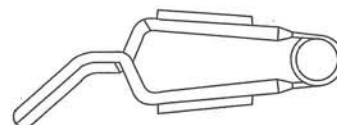
21676.80 80 g



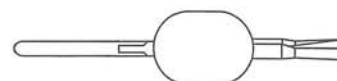
21677.50 50 g



21677.80 80 g



21678.50 50 g



21678.80 80 g

Approximator nach Biemer
 Biemer Approximator
 Aproximadores de Biemer
 Approssimatore secondo Biemer

für Mikro-Gefäßanastomosen im oberflächlichen Bereich

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

Der Abstand zwischen den Clips ist durch einfaches Verschieben einzustellen und wird durch Verkanten fixiert

for micro vessel anastomosis in the superficial range

Blade gripping surface with oblique serrations for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

Adjustable distance between the clips and automatic fixation by tilting

para micro-anastomosis en la superficie

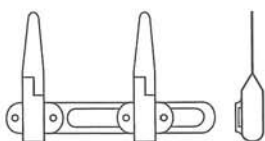
El interior de la qui jada viene con estrias finas para un agarre seguro y cuidadoso de los vasos.

Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riego.

El espacio entre los clips se logra fácilmente por el desplazamiento.



BIEMER
 21680.00



21679.25

Schließkraft
 Closing Force
 Fuerza de cierre
 Forza di chiusura

25 - 30 g
 (0,25 - 0,29 N)

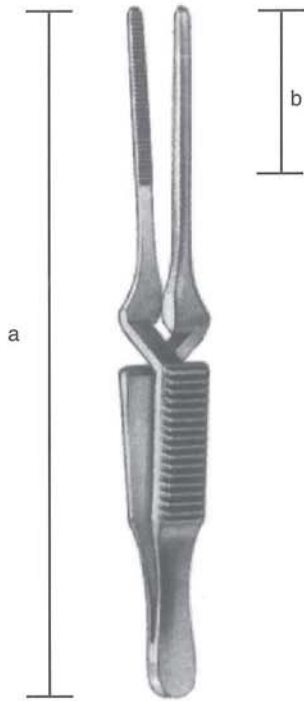
Anlegepinzette für Gefäß-
 Approximator nach BIEMER

Applying forceps for BIEMER
 vessel approximator

Pinza de aplicación para
 aproximadores de BIEMER

Pinza posa clips per vasi
 approssimatori secondo
 BIEMER

Mini-Bulldogklemmen
 Mini Bulldog Clamps
 Clamps Bulldog Mini
 Pinze Bulldog Mini



Diethrich

(a/b) mm



6355.08
(50/8)



6355.10
(50/10)



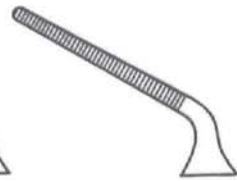
6355.12
(60/20)



6356.08
(50/8)

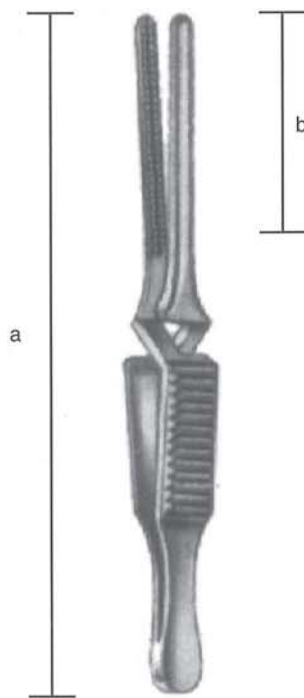


6356.10
(50/10)



6356.12
(60/20)

(a/b) mm



DeBakey-Diethrich

(a/b) mm



6358.10
(50/10)



6358.14
(50/14)



6358.20
(50/20)



6359.10
(50/10)



6359.14
(50/14)



6359.20
(50/20)

(a/b) mm

Instrument aus Titan
 Instrument from Titanium
 Instrumento de Titanio
 Strumento in Titanio

Titan-Atrauma-Bulldogklemmen
 Titanium Atrauma Bulldog Clamps
 Titan Clamp Bulldog
 Titan Pinze Bulldog

	3,0 cm	3,5 cm	4,0 cm	5,0 cm
Vene	6340.30 T	6340.35 T	6340.40 T	6340.50 T
Arterie	6342.30 T	6342.35 T	6342.40 T	6342.50 T
	3,0 cm	3,5 cm	4,0 cm	5,0 cm
Vene	6345.30 T	6345.35 T	6345.40 T	6345.50 T
Arterie	6347.30 T	6347.35 T	6347.40 T	6347.50 T
	3,0 cm	3,5 cm	4,0 cm	5,0 cm
Vene	6343.30 T	6343.35 T	6343.40 T	6343.50 T
Arterie	6344.30 T	6344.35 T	6344.40 T	6344.50 T

Atrauma-Bulldogklemmen
 Atrauma Bulldog Clamps
 Clamps Atrauma Bulldog
 Pinze Atrauma Bulldog



DE BAKEY



6320.07
7,5 cm



6320.08
8,5 cm



6320.10
10,5 cm



6320.12
12,0 cm



6325.07
7,5 cm



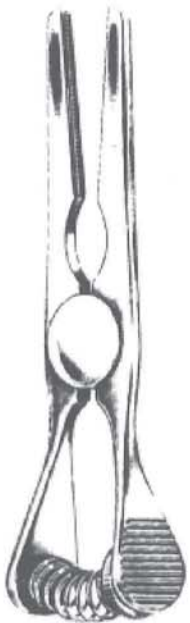
6325.08
8,5 cm



6325.10
10,5 cm



6325.12
12,0 cm



GLOVER



6330.06
6,0 cm



6330.08
7,0 cm



6330.10
9,0 cm



6330.12
11,0 cm



6335.06
5,5 cm



6335.08
6,5 cm

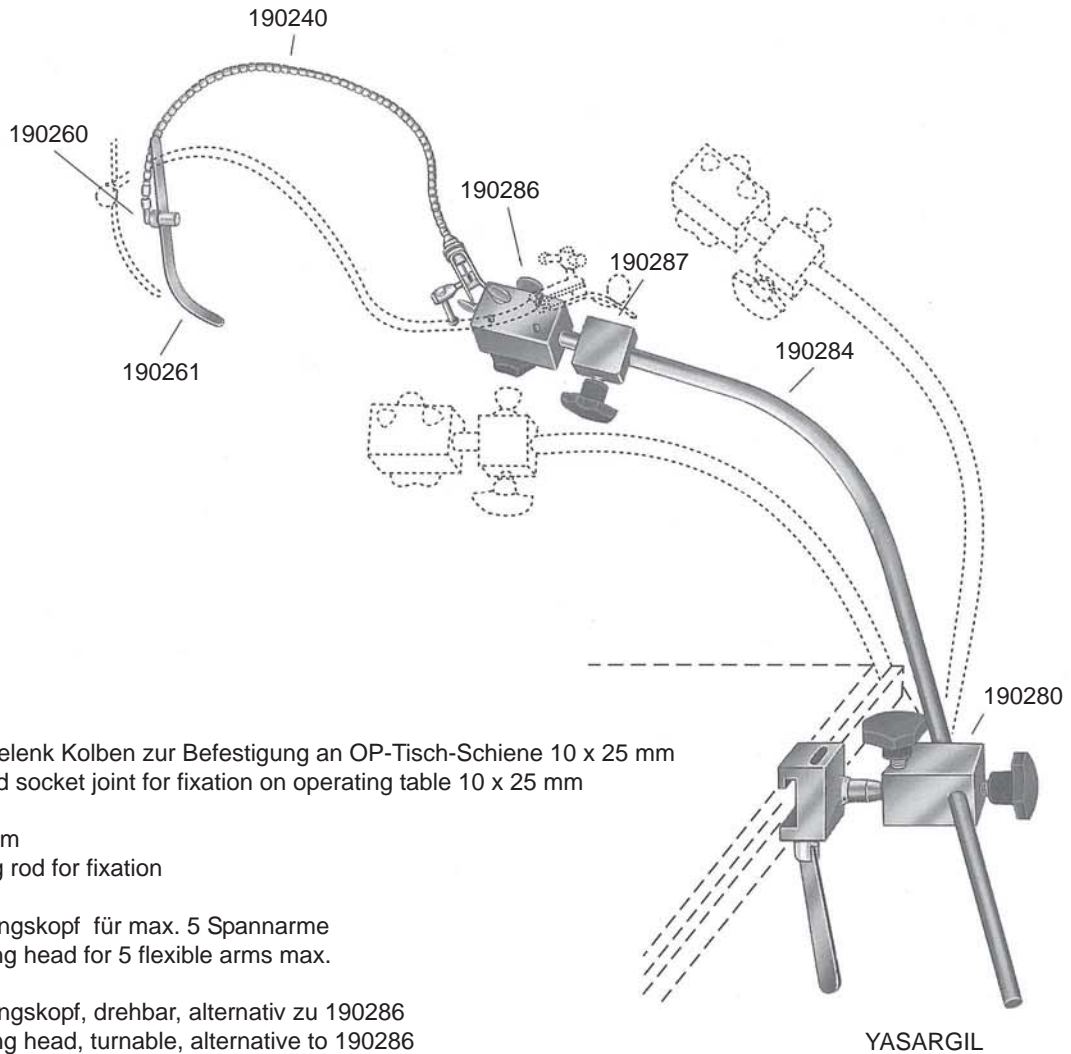


6335.10
8,5 cm



6335.12
10,5 cm

LEYLA Retraktor System LEYLA Retractor System

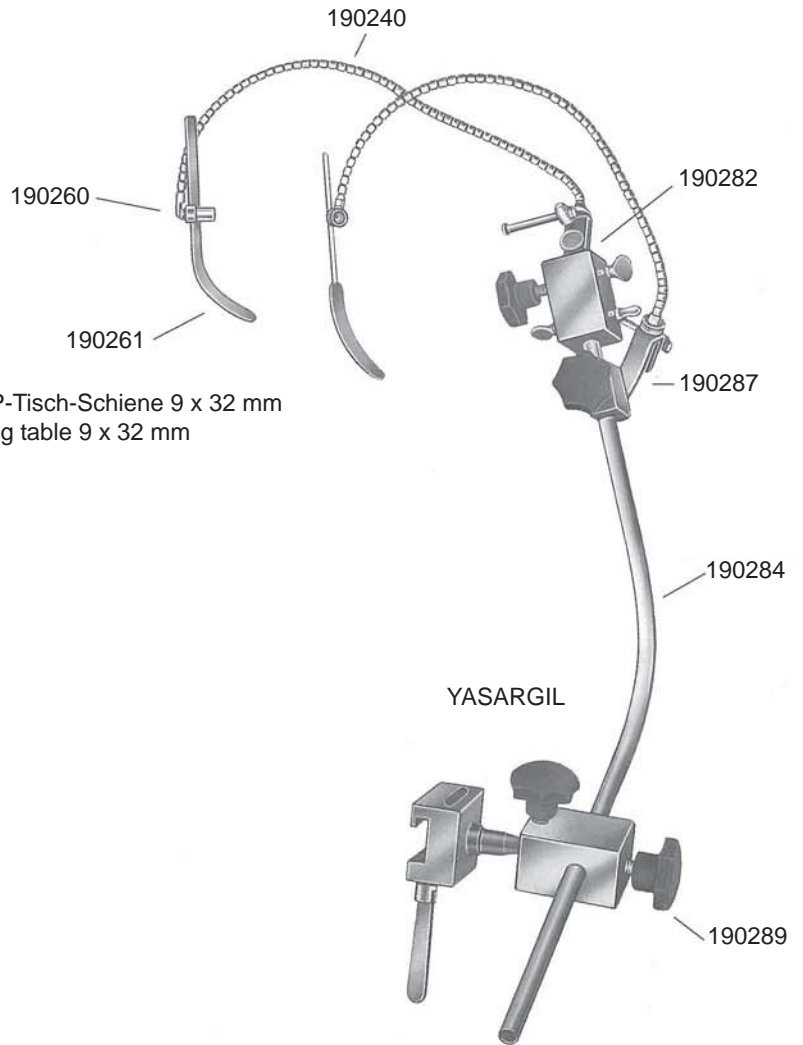


- | | |
|--------|---|
| 190280 | Kugelgelenk Kolben zur Befestigung an OP-Tisch-Schiene 10 x 25 mm
Ball and socket joint for fixation on operating table 10 x 25 mm |
| 190284 | Haltearm
Holding rod for fixation |
| 190282 | Kupplungskopf für max. 5 Spannarme
Coupling head for 5 flexible arms max. |
| 190287 | Kupplungskopf, drehbar, alternativ zu 190286
Coupling head, turnable, alternative to 190286 |
| 190288 | Kupplungskopf, seitlich offen, alternativ zu 190286
Coupling head, laterally open, alternative to 190286 |
| 190240 | Flexibler Spannarm
Flexible arm |
| 190260 | Halter für flache Hirnspatel
Holder for flat brain spatula |
| 190261 | Hirnspatel
Brain spatula |

YASARGIL

LEYLA Retraktor System LEYLA Retractor System

- 190289 Kugelgelenk Kolben zur Befestigung an OP-Tisch-Schiene 9 x 32 mm
Ball and socket joint for fixation on operating table 9 x 32 mm
- 190284 Haltearm
Holding rod for fixation
- 190282 Kupplungskopf für max. 5 Spannarme
Coupling head for 5 flexible arms max.
- 190287 Kupplungskopf, drehbar
Coupling head, turnable
- 190288 Kupplungskopf, seitlich offen
Coupling head, laterally open
- 190240 Flexibler Spannarm
Flexible arm
- 190260 Halter für flache Hirnspatel
Holder for flat brain spatula
- 190261 Hirnspatel
Brain spatula



- 190240 Flexibler Spannarm allein
Flexible arm only

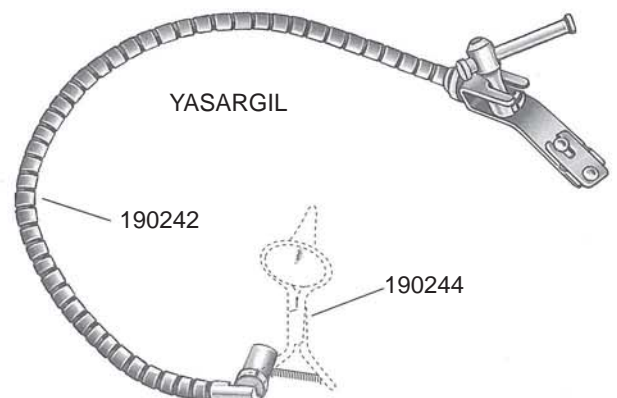


- 190241 Ohrspekulahalter komplett
Ear specula holder complete, consisting of:

- 190242 Spannarm allein
Flexible arm only

- 190254 Fixiervorrichtung zum Befestigen an Rohteilen bis ø 16 mm
Clamp for fixation on bars up to ø 16 mm

- 190244 Ohrtrichter allein
Ear specula holder only



LEYLA Retraktor System LEYLA Retractor System

- 190239 Hirnspatelhalter, flexibel, für flache Spatel, mit 1 Spannarm, komplett, bestehend aus:
Brain retractor, flexible, for flat spatula, with 1 flexible arm, complete, consisting of:
- 190250 Fixiervorrichtung für 1 Spannarm
Fixation base for 1 flexible arm
- 190240 Spannarm
Flexible arm only
- 190260 Spatelhalter für flache Spatel
Support for flat brain spatulas
- 190238 Hirnspatelhalter, flexibel, für 2 flache Spateln, mit 2 Spannarm, komplett, bestehend aus:
Brain retractor, flexible, for flat spatulas, with 2 flexible arms, complete, consisting of:
- 190252 Fixiervorrichtung für 2 Spannarme
Fixation base for 2 flexible arms

190240



YASARGIL
190238

- 190260 Halter für flache Hirnspatel
Support for brain spatula with round shaft



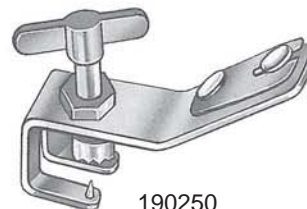
190260

- 190252 Fixiervorrichtung für 2 Spannarme
Fixation base for 2 flexible arms



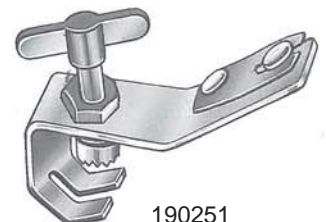
190252

- 190250 Fixiervorrichtung für 1 Spannarm
Fixation base for 1 flexible arm



190250

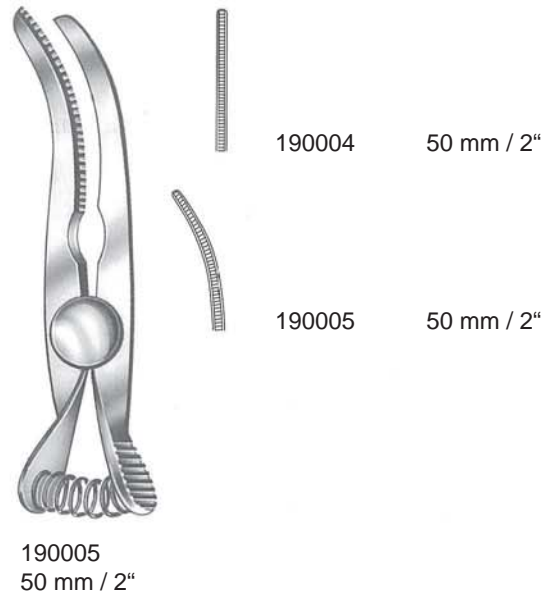
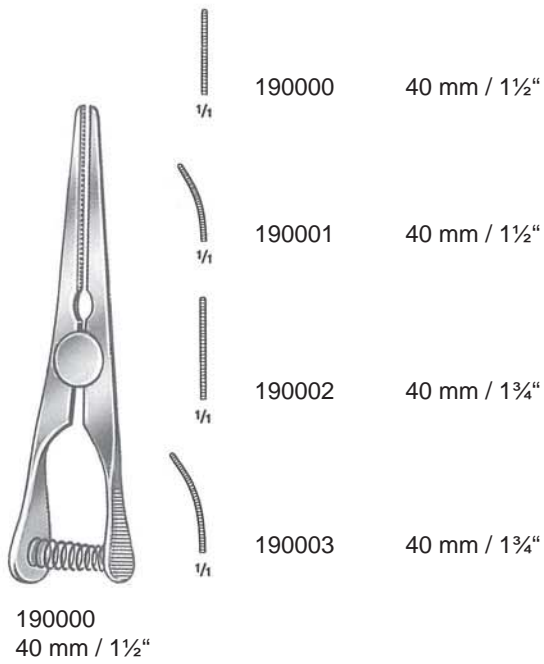
- 190251 Fixiervorrichtung für 1 Arm an Rohrteilen bis ø 16 mm
Fixation base for 1 arm on bars up to 16 mm




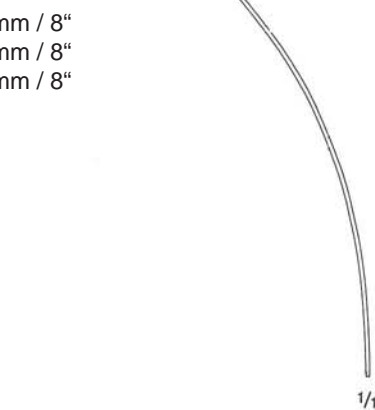
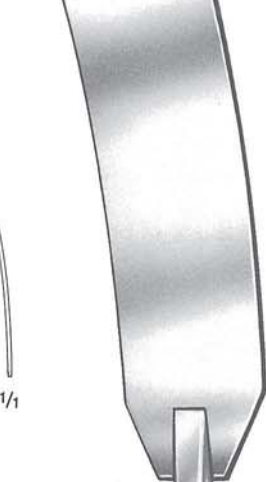

190251

MATTES

Atrauma-Bulldogklemmen
 Atrauma-Bulldog Clamps
 Clamps Atrauma Bulldog
 Pinze Atrauma Bulldog



Hirnspatel Brain Spatulas

	190243 190248 190249	14 mm 17 mm 20 mm	200 mm / 8" 200 mm / 8" 200 mm / 8"	190245 190246 190247	biegsam malleable	200 mm / 8" 200 mm / 8" 200 mm / 8"		
190248 200 mm / 8"	biegsam malleable	190255 190256 190257 190258	8 mm 11 mm 14 mm 17 mm	HEIFETZ 155 mm / 6" 155 mm / 6" 155 mm / 6" 155 mm / 6"	biegsam malleable	190257 155 mm / 6"		190247 200 mm / 8"

RANEY Kopfhautklammern
RANEY Scalp haemostasis clips
Clips de RANEY para cuero cabelludo
Pinza RANEY per applicare



8987.00 Kopfhautklammer
Scalp Haemostasis clip
Clips para cuero cabelludo
Pinza per applicare



RANEY
8988.00
160 mm / 6¼"

8988.00 Clip-Anlege-und Abnehmezange für Kopfhautklammern, 160 mm
Applying and removing forceps for scalp haemostasis clips 6¼"
Pinza para poner y quitar clips para cuero cabelludo, 160 mm
Pinza per applicare, 160 mm

Hypophysen- und Tumorzangen
 Pituitary Rongeurs and Tumor Grasping Forceps
 Pinzas cortantes para hipófisis y para tumores
 Pinze per ipofisi e tumori



OLDENBERG
 9163.25
 180 mm / 7"



9163.25 180 mm / 7" OLDENBERG

Scharfe Hypophysenzange
 Sharp Pituitary Rongeur
 Pinza para hipófisis cortante
 Tagliente



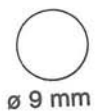
9164.25 190 mm / 7½" LANDOLT

Scharfe Hypophysenzange
 Sharp Pituitary Rongeur
 Pinza para hipófisis cortante
 Tagliente



9159.26 190 mm / 7½" YASARGIL

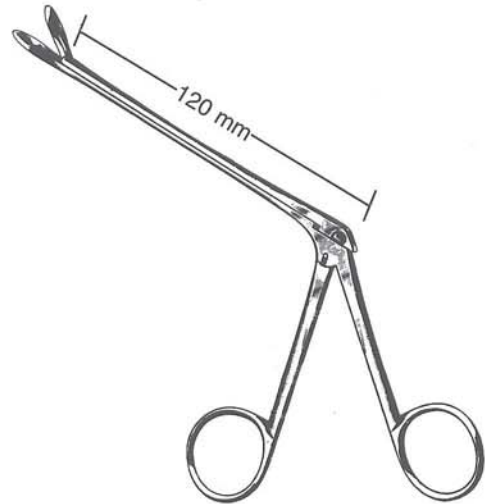
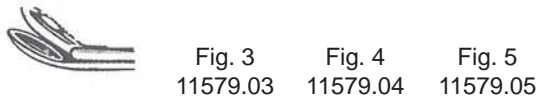
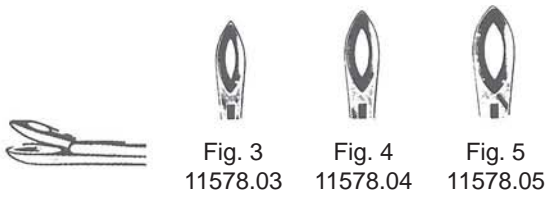
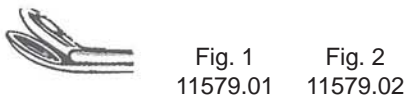
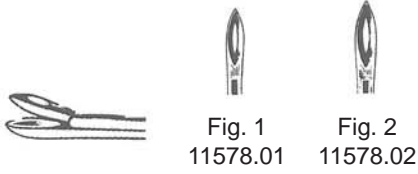
Scharfe Hypophysenzange
 Sharp Pituitary Rongeur
 Pinza para hipófisis cortante
 Tagliente



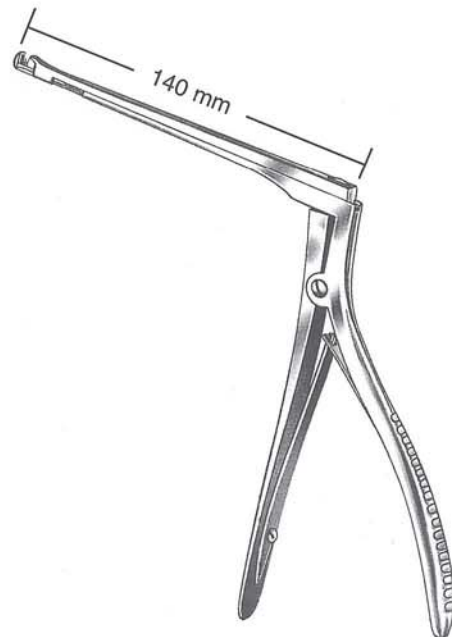
9164.27 200 mm / 8" LANDOLT

Tumor-Faßzange, stumpf
 Tumor Grasping Forceps, blunt
 Pinza para tumores, roma
 Smussa

Laminektomie Zangen
 Laminectomy Rongeurs
 Pinzas cortantes para laminectomia
 Pinze taglianti per laminectomia



WEIL-BLAKESLEY
 11578.01 - 11579.05
 19,0 cm



HAJEK-KOFLER
 11600.01 - 11600.02

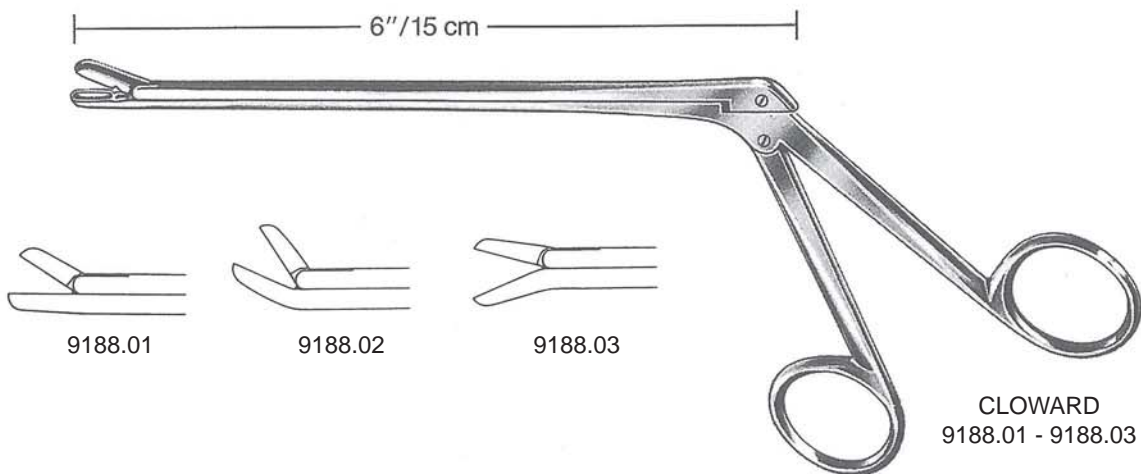
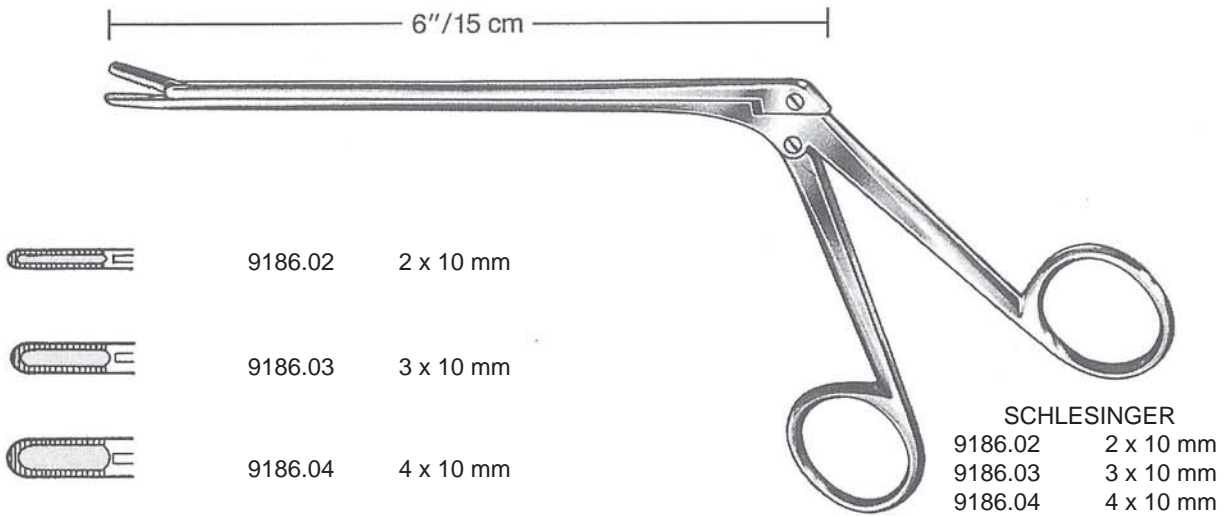


11600.01 5 x 4 mm

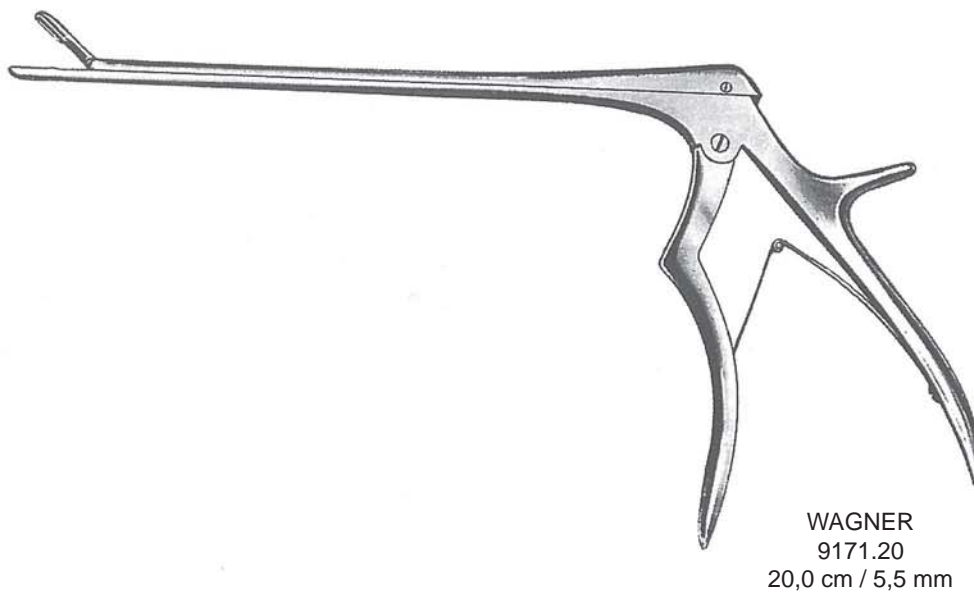
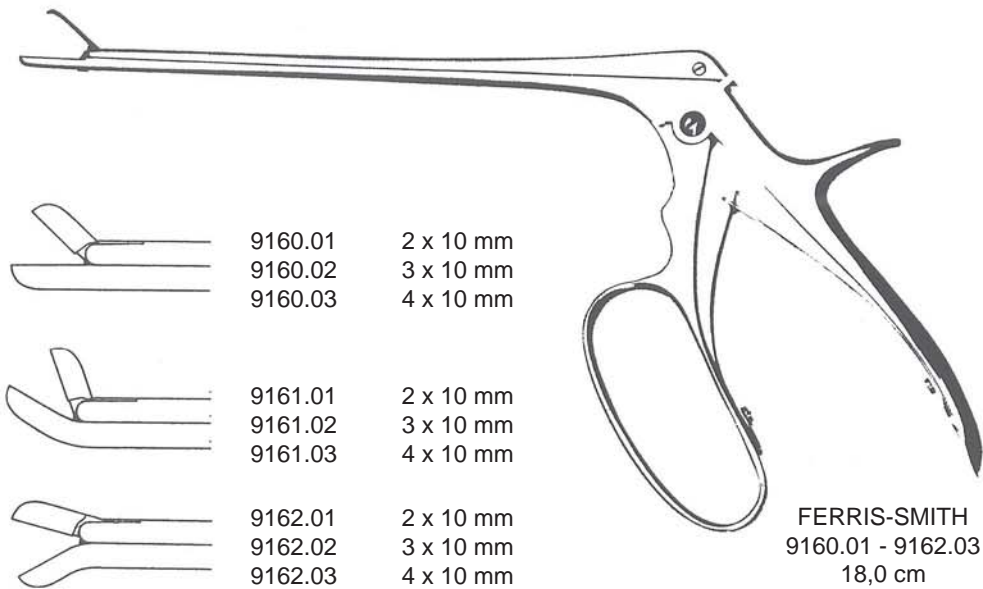


11600.02 5 x 4 mm

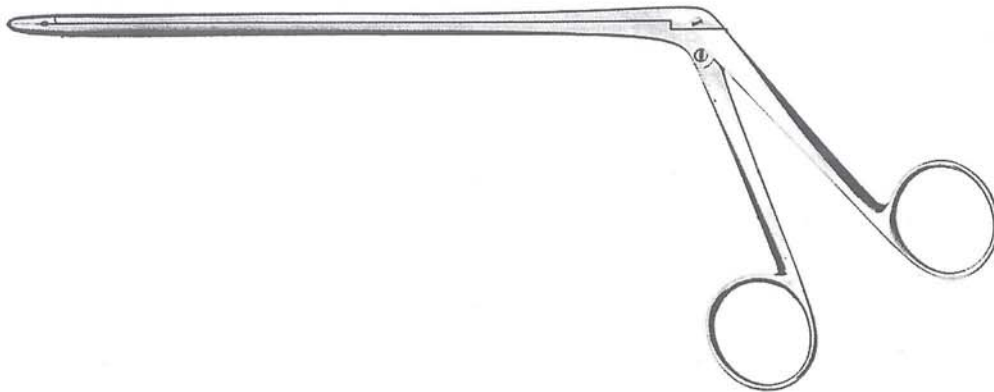
Laminektomie Zangen
 Laminectomy Rongeurs
 Pinzas cortantes para laminectomia
 Pinze taglianti per laminectomia



Laminektomie Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomia
Pinze taglienti per laminectomia



Laminektomie Zangen
 Laminectomy Rongeurs
 Pinzas cortantes para laminectomia
 Pinze taglienti per laminectomia



CUSHING 2 mm



2 x 10 mm	L	2 x 10 mm / 45°	L	2 x 10 mm / 45°	L
9131.12	12,5 cm	9132.12	12,5 cm	9133.12	12,5 cm
9131.15	15,0 cm	9132.15	15,0 cm	9133.15	15,0 cm
9131.18	18,0 cm	9132.18	18,0 cm	9133.18	18,0 cm

LOVE-GRUENWALD 3 mm



3 x 10 mm	L	3 x 10 mm / 45°	L	3 x 10 mm / 45°	L
9134.12	12,5 cm	9135.12	12,5 cm	9136.12	12,5 cm
9134.15	15,0 cm	9135.15	15,0 cm	9136.15	15,0 cm
9134.18	18,0 cm	9135.18	18,0 cm	9136.18	18,0 cm

SPURLING 4 mm



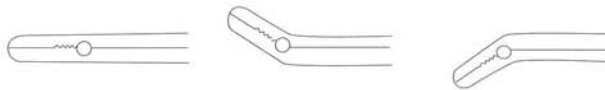
4 x 10 mm	L	4 x 10 mm / 45°	L	4 x 10 mm / 45°	L
9137.12	12,5 cm	9138.12	12,5 cm	9139.12	12,5 cm
9137.15	15,0 cm	9138.15	15,0 cm	9139.15	15,0 cm
9137.18	18,0 cm	9138.18	18,0 cm	9139.18	18,0 cm

MATTES

Laminektomie Zangen
 Laminectomy Rongeurs
 Pinzas cortantes para laminectomia
 Pinze taglienti per laminectomia



Maulteile gezahnt und offen
 Serrated and fenestrated jaws
 Quijadas dentadas y abiertas
 Morsi dentellati e aperti



CASPAR	9239.01	9239.02	9239.03	140 mm / 5½"
2 x 12 mm	9240.01	9240.02	9240.03	160 mm / 6¼"
	9241.01	9241.02	9241.03	185 mm / 7"



CASPAR	9242.01	9242.02	9242.03	140 mm / 5½"
3 x 12 mm	9243.01	9243.02	9243.03	160 mm / 6¼"
	9244.01	9244.02	9244.03	185 mm / 7"



CASPAR	9245.01	9245.02	9245.03	140 mm / 5½"
4 x 14 mm	9246.01	9246.02	9246.03	160 mm / 6¼"
	9247.01	9247.02	9247.03	185 mm / 7"



CASPAR	9248.01	9248.02	9248.03	140 mm / 5½"
5 x 14 mm	9249.01	9249.02	9249.03	160 mm / 6¼"
	9250.01	9250.02	9250.03	185 mm / 7"

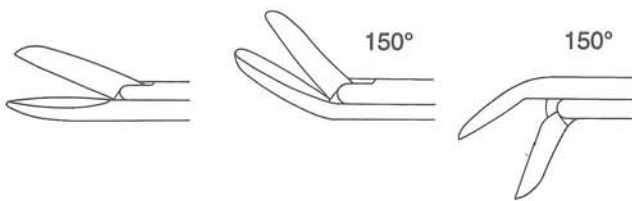


CASPAR	9251.01	9251.02	9251.03	140 mm / 5½"
6 x 16 mm	9252.01	9252.02	9252.03	160 mm / 6¼"
	9253.01	9253.02	9253.03	185 mm / 7"

Laminektomie Zangen
 Laminectomy Rongeurs
 Pinzas cortantes para laminectomia
 Pinze taglianti per laminectomia



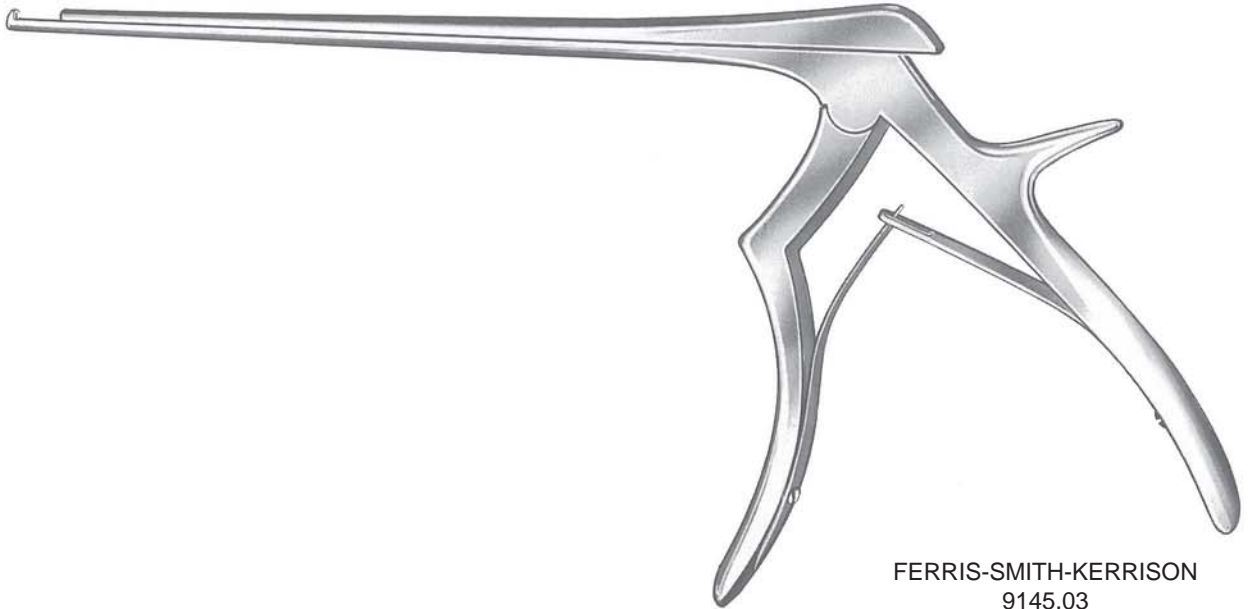
CASPAR
 9236.01
 155 mm / 6"



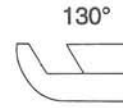
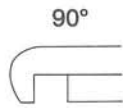
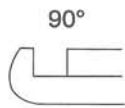
9235.01	9235.02	9235.03	155 mm / 6"	 2 mm
9236.01	9236.02	9236.03	155 mm / 6"	 3 mm
9237.01	9237.02	9237.03	155 mm / 6"	 4 mm
9238.01	9238.02	9238.03	155 mm / 6"	 5 mm

MATTES

Stanzen
Punches
Pinzas cortantes
Pinze taglienti

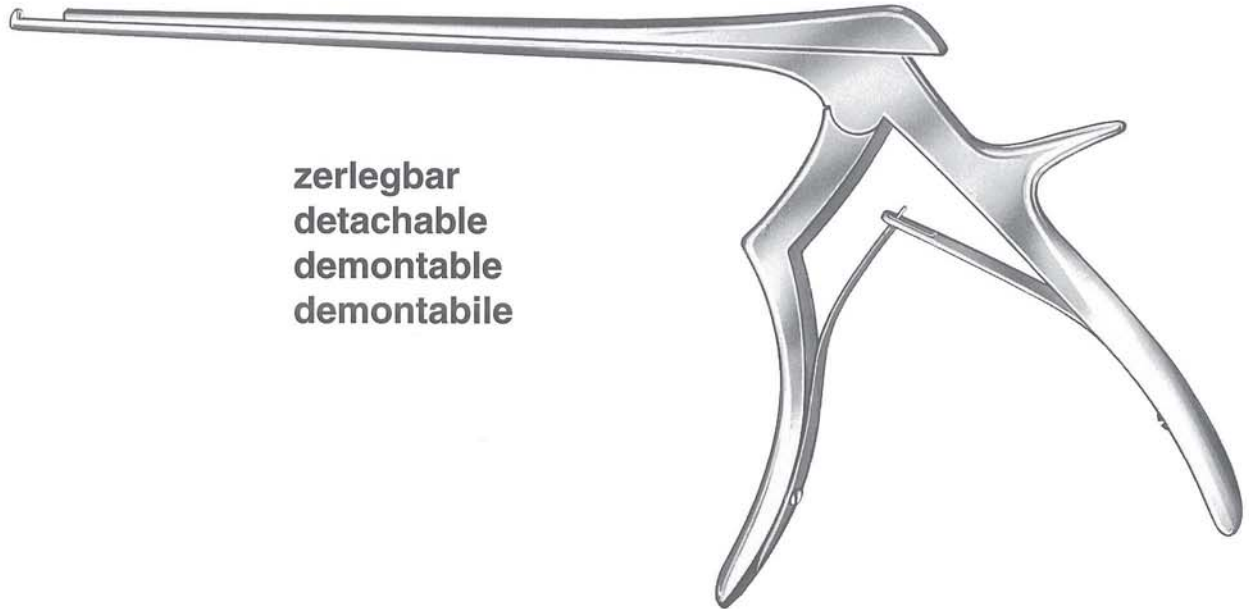


FERRIS-SMITH-KERRISON
9145.03
180 mm / 7"

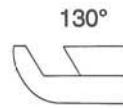
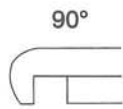
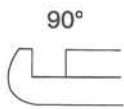


∅ 1 mm	9140.01 FERRIS-SMITH-KERRISON	9141.01 FERRIS-SMITH-KERRISON		180 mm / 7"
∆ 2 mm	9142.02 FERRIS-SMITH-KERRISON	9143.02 FERRIS-SMITH-KERRISON	9144.02 FERRIS-SMITH-KERRISON	180 mm / 7"
□ 3 mm	9145.03 FERRIS-SMITH-KERRISON	9146.03 FERRIS-SMITH-KERRISON	9147.03 FERRIS-SMITH-KERRISON	180 mm / 7"
□ 4 mm	9148.04 FERRIS-SMITH-KERRISON	9149.04 FERRIS-SMITH-KERRISON		180 mm / 7"
□ 5 mm	9150.05 FERRIS-SMITH-KERRISON	9151.05 FERRIS-SMITH-KERRISON	9152.05 FERRIS-SMITH-KERRISON	180 mm / 7"

Zerlegbare Stanzen
 Detachable punches
 Pinzas cortantes demontables
 Pinze taglienti e demontabili

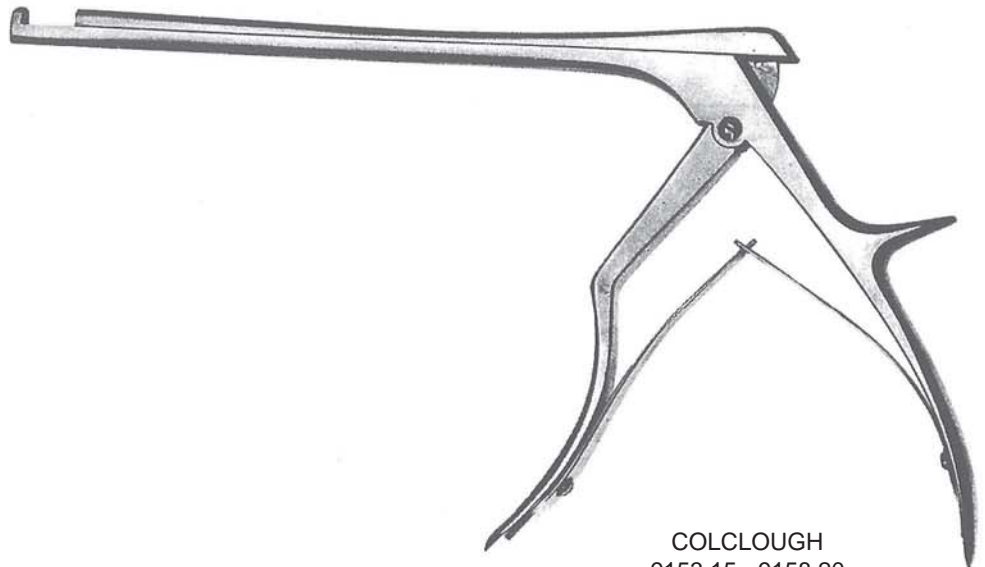


zerlegbar
 detachable
 demontable
 demontabile

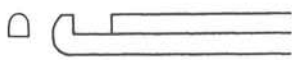


2 mm	8954.02 FERRIS-SMITH-KERRISON	8954.12 FERRIS-SMITH-KERRISON	8954.22 FERRIS-SMITH-KERRISON	180 mm / 7"
3 mm	8954.03 FERRIS-SMITH-KERRISON	8954.13 FERRIS-SMITH-KERRISON	8954.23 FERRIS-SMITH-KERRISON	180 mm / 7"
4 mm	8954.04 FERRIS-SMITH-KERRISON	8954.14 FERRIS-SMITH-KERRISON	8954.24 FERRIS-SMITH-KERRISON	180 mm / 7"
5 mm	8954.05 FERRIS-SMITH-KERRISON	8954.16 FERRIS-SMITH-KERRISON	8954.25 FERRIS-SMITH-KERRISON	180 mm / 7"

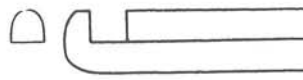
Bandscheibenstanzen
 Intervertebral Disc Rongeurs
 Pinzas sacabocado para discos intervertebrales
 Pinze taglianti per dischi intervertebrali



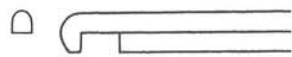
COLCLOUGH
 9153.15 - 9158.20



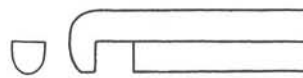
3 mm
 9153.15 15,0 cm
 9153.20 20,0 cm



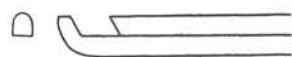
5 mm
 9154.15 15,0 cm
 9154.20 20,0 cm



3 mm
 9155.15 15,0 cm
 9155.20 20,0 cm



5 mm
 9156.15 15,0 cm
 9156.20 20,0 cm

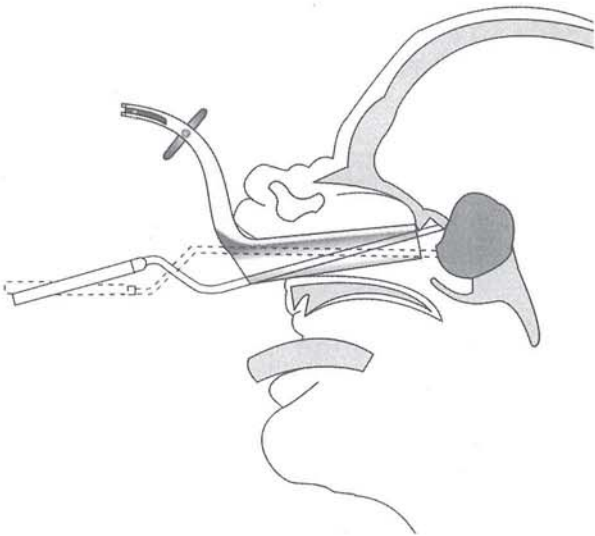


3 mm
 9157.15 15,0 cm
 9157.20 20,0 cm



5 mm
 9158.15 15,0 cm
 9158.20 20,0 cm

Hypophysektomie Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi



- | | | |
|----------|-------------|-----------------|
| 11563.01 | 70 x 15 mm | CUSHING-LANDOLT |
| 11563.02 | 90 x 15 mm | |
| 11563.03 | 110 x 15 mm | |

Spekula für trans-sphenoidale Hypophysektomie
 specula for trans-sphenoidale hypophysectomy
 espéculos para hipofisectomía transfenoidal
 specoli per ipofisectomia trasfenoidale



- | | | |
|----------|--------------|---------|
| 11567.21 | 210 mm / 8¼" | LANDOLT |
|----------|--------------|---------|

Spreizzange zum Spreizen der Spekula
 spreader for specula
 pinza para abrir los espéculos
 pinze per aprire gli specoli

1/2

11567.21
 210 mm / 8¼"

Hypophysektomie Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi



PAPAVERO-CASPAR
 11546.13
 90 x 13 mm

11546.11	80 x 11 mm	PAPAVERO-CASPAR
11546.13	90 x 13 mm	
11546.15	100 x 15 mm	

Spekula für trans-sphenoidale Hypophysektomie
 specula for trans-sphenoidale hypophysectomy
 espéculos para hipofisectomía trasfenoidal
 specoli per ipofisectomia trasfenoidale

11547.01 PAPAVERO-HARTMANN

Spreizer für Spekula
 spreader for specula
 pinza para abrir el espéculo
 pinze per aprire gli specoli



PAPAVERO-HARTMANN
 11547.01



LANDOLT
 11548.14
 215 mm / 8½"

11548.14 140 mm / 5½" LANDOLT

1/2

Hypophysektomie Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi

11680.04	4 mm	185 mm / 7¼"	COTTLE
11680.07	7 mm	185 mm / 7¼"	
11680.09	9 mm	185 mm / 7¼"	
11680.12	12 mm	185 mm / 7¼"	

Meißel
 Chisel
 Cincel
 Scalpello



COTTLE
 11680.04
 185 mm / 7¼"



COTTLE
 8431.05
 180 mm / 7"

8431.05 240 g 180 mm / 7" COTTLE

Saugrohre
Suction Tubes
Tubos de aspiración
Tubi aspirazioni



ADSON
9027.21
21,0 cm / 4 mm



FRAZIER
1484.06 - 1485.12
19,0 cm

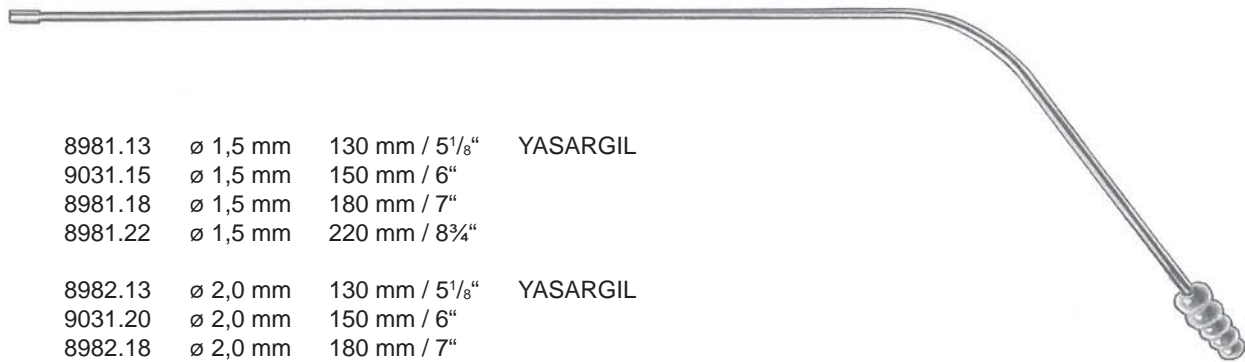


FRAZIER
9029.12
12,0 cm / 3 mm

Charr.	30°	75°
F.G. 6	1484.06	1485.06
7	1484.07	1485.07
8	1484.08	1485.08
9	1484.09	1485.09
10	1484.10	1485.10
11	1484.11	1485.11
12	1484.12	1485.12

Spül- und Saugrohre, Spiegel für Hypophysektomie
 Irrigating- and Suction Cannulae, Mirror for Pituitary Surgery
 Cánulas para aspiración e irrigación, espejos para hipófisis
 Cannule per aspirazione e irrigazione, specchi per ipofisi

Nutzlänge 130 mm / useable length 5 1/8"
 largo útil 130 mm / druden 130 mm



8981.13	∅ 1,5 mm	130 mm / 5 1/8"	YASARGIL
9031.15	∅ 1,5 mm	150 mm / 6"	
8981.18	∅ 1,5 mm	180 mm / 7"	
8981.22	∅ 1,5 mm	220 mm / 8 3/4"	
8982.13	∅ 2,0 mm	130 mm / 5 1/8"	YASARGIL
9031.20	∅ 2,0 mm	150 mm / 6"	
8982.18	∅ 2,0 mm	180 mm / 7"	
8982.22	∅ 2,0 mm	220 mm / 8 3/4"	
8983.13	∅ 2,5 mm	130 mm / 5 1/8"	YASARGIL
9031.25	∅ 2,5 mm	150 mm / 6"	
8983.18	∅ 2,5 mm	180 mm / 7"	
8983.22	∅ 2,5 mm	220 mm / 8 3/4"	
8986.13	∅ 3,5 mm	130 mm / 5 1/8"	YASARGIL
9031.35	∅ 3,5 mm	150 mm / 6"	
8986.18	∅ 3,5 mm	180 mm / 7"	
8986.22	∅ 3,5 mm	220 mm / 8 3/4"	
8989.18	∅ 4,5 mm	180 mm / 7"	YASARGIL

YASARGIL
 8982.13
 130 mm / 5 1/8"

mit LUER-Bohrung
 with LUER boring
 con terminal LUER
 con Attacco LUER



9295.08

Spiegel
 Mirror
 Espejo
 Specchio



9295.20
 8 mm



9295.10
 10 mm



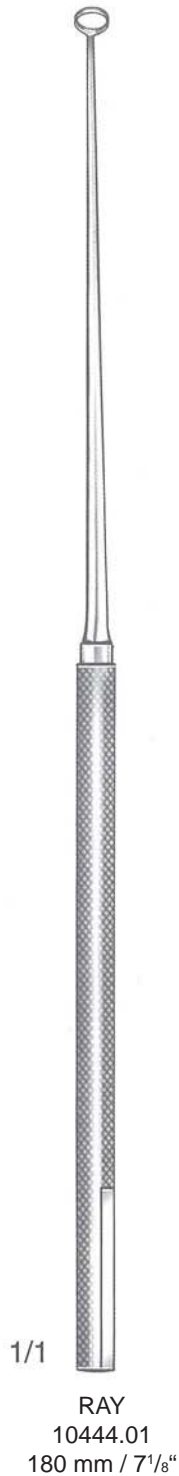
9295.01
 12 mm



9296.15
 150 mm / 6"

Spiegelgriff
 Mirror handle
 Mango para espejo
 Manico per specchio

Hypophysektomie-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Strumenti per ipofisi



10444.01 180 mm / 7¹/₈" RAY

Kürette, horizontal 45°
curette, horizontal 45°
cureta, horizontal 45°
curetta, orizzontale 45°



10444.02 180 mm / 7¹/₈" RAY

Kürette, horizontal 45°
curette, horizontal 45°
cureta, horizontal 45°
curetta, orizzontale 45°

Hypophysektomie-Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi



10445.01 215 mm / 8¼" NICOLA

Kürete, biegsam, nach rechts schneidend
 curette, malleable, cutting to the right
 cureta, maleable, cortante hacia la derecha
 curetta, malleable, tagliente a destra



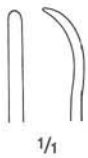
10445.02 215 mm / 8¼" NICOLA

Kürete, biegsam, nach links schneidend
 curette, malleable, cutting to the left
 cureta, maleable, cortante hacia la izquierda
 curetta, malleable, tagliente a sinistra



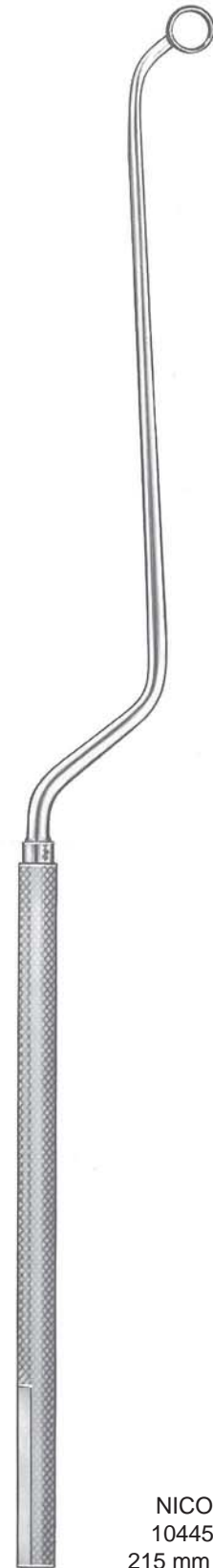
10445.03 215 mm / 8¼" NICOLA

Kürete, biegsam
 curette, malleable
 cureta, maleable
 curetta, malleable



10445.04 215 mm / 8¼" NICOLA

Raspatorium
 raspatory
 raspador
 raspatore



NICOLA
 10445.01
 215 mm / 8¼"

Hypophysektomie-Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi

10446.01 245 mm / 9¾" rechts / right / derecha / a destra HARDY
 10446.02 245 mm / 9¾" links / left / izquierda / a sinistra

Enukleator, stumpf
 enucleator, blunt
 enucleador, romo
 enucleatore, smusso



10446.03 245 mm / 9¾" rechts / right / derecha / a destra HARDY
 10446.04 245 mm / 9¾" links / left / izquierda / a sinistra

Enukleator, stumpf
 enucleator, blunt
 enucleador, romo
 enucleatore, smusso



10446.05 245 mm / 9¾" rechts / right / derecha / a destra HARDY
 10446.06 245 mm / 9¾" links / left / izquierda / a sinistra

Enukleator, scharf
 enucleator, sharp
 enucleador, cortante
 enucleatore, tagliente



10446.07 245 mm / 9¾" rechts / right / derecha / a destra HARDY
 10446.08 245 mm / 9¾" links / left / izquierda / a sinistra

Enukleator, scharf
 enucleator, sharp
 enucleador, cortante
 enucleatore, tagliente



10446.09 245 mm / 9¾" HARDY

Implantationsgabel
 Implant fork
 horquilla de implante
 forchetta per trapianti



10446.10 245 mm / 9¾" HARDY-FAHLBUSCH

Dissektor, innen scharf
 dissector, sharpened inner edge
 disector, lado interno cortante
 disettore, lato interno tagliente



10446.12 245 mm / 9¾" HARDY-FAHLBUSCH

Dissektor, innen scharf
 dissector, sharpened inner edge
 disector, lado interno cortante
 disettore, lato interno tagliente



HARDY
 10446.02
 245 mm / 9¾"

Hypophysektomie-Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi



LANDOLT
 10447.01
 260 mm / 10 $\frac{3}{4}$ "



10447.01 260 mm / 10 $\frac{3}{4}$ " rechts / right / derecha / a destra LANDOLT
 10447.02 260 mm / 10 $\frac{3}{4}$ " links / left / izquierda / a sinistra

Enukleator, stumpf, biegsam
 enucleator, blunt, malleable
 enucleador, romo, maleable
 enucleatore, smusso, malleabile

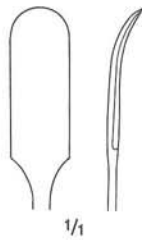
1/1



10447.03 260 mm / 10 $\frac{3}{4}$ " rechts / right / derecha / a destra LANDOLT
 10447.04 260 mm / 10 $\frac{3}{4}$ " links / left / izquierda / a sinistra

Enukleator, stumpf, biegsam
 enucleator, blunt, malleable
 enucleador, romo, maleable
 enucleatore, smusso, malleabile

1/1



10447.05 260 mm / 10 $\frac{3}{4}$ " LANDOLT

Kürette, biegsam
 curette, malleable
 cureta, maleable
 curetta, malleabile

1/1



10447.06 260 mm / 10 $\frac{3}{4}$ " LANDOLT

Löffel, biegsam
 scoop, malleable
 cucharilla, maleable
 cucchiaio, malleabile

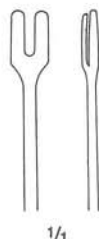
1/1



10447.07 260 mm / 10 $\frac{3}{4}$ " LANDOLT

Stumpfes Häkchen, biegsam
 blunt hook, malleable
 gancho romo, maleable
 uncini smusso, malleabile

1/1



10447.08 260 mm / 10 $\frac{3}{4}$ " HOSOBUCHI

gabelförmige Spatel zur Darstellung des Hypophysenstiels, fest
 fork Spatula, rigid
 horquilla, rigida
 spatola forma forchetta, rigida

1/1

Hypophysektomie-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Strumenti per ipofisi

10448.04 260 mm / 10³/₄" HARDY

Kürette, biegsam
curette, malleable
cureta, maleable
curetta, malleabile



10448.06 260 mm / 10³/₄" HARDY

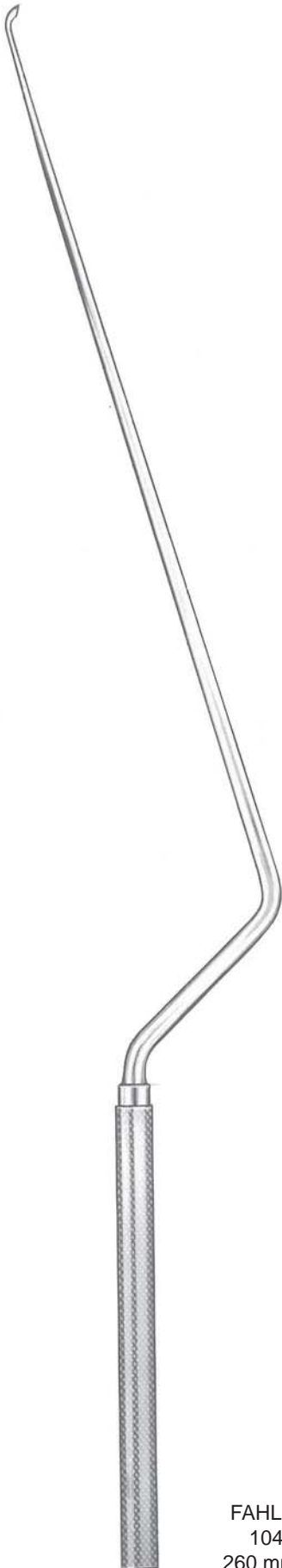
Kürette, biegsam
curette, malleable
cureta, maleable
curetta, malleabile



HARDY
10448.04
260 mm / 10³/₄"



Hypophysektomie-Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi



FAHLBUSCH
 10449.01
 260 mm / 10³/₄"



10449.01 260 mm / 10³/₄" FAHLBUSCH

Löffel, biegsam
 scoop, malleable
 cucharilla, maleable
 cucchiaio, malleabile



10449.02 260 mm / 10³/₄" FAHLBUSCH

Kürette, biegsam
 curette, malleable
 cureta, maleable
 curetta, malleabile



10449.03 260 mm / 10³/₄" LANDOLT-REULEN

Raspatorium, fest
 raspatories, rigid
 raspador, rigida
 raspatore, rigida



10449.04 260 mm / 10³/₄" LANDOLT-REULEN

Raspatorium, fest
 raspatories, rigid
 raspador, rigida
 raspatore, rigida



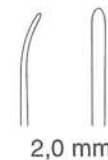
10449.05 260 mm / 10³/₄" LANDOLT-REULEN

Kürette, fest
 curette, rigid
 cureta, rigida
 curetta, rigida



10449.06 260 mm / 10³/₄" LANDOLT-REULEN

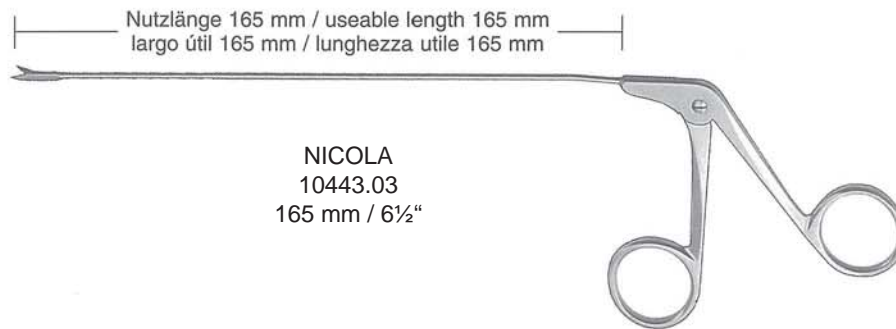
Stumpfes Häkchen, fest
 blunt hook, rigid
 gancho romo, rigida
 uncini smusso, rigida



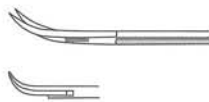
10449.07 260 mm / 10³/₄" LANDOLT-REULEN

Dissektor, fest
 dissector, rigid
 disector, rigida
 dissettore, rigida

Hypophysektomie-Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi

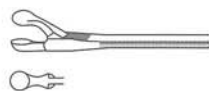


NICOLA
 10443.03
 165 mm / 6½"



10443.01 165 mm / 6½" FAHLBUSCH

Mikro-Schere, gebogen, horizontal schneidend
 Micro scissors, horizontal cutting
 Micro-tijera, curva, cortante en forma horizontal
 Micro forbice, curva, tagliente orizzontale



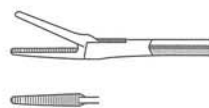
10443.02 165 mm / 6½" NICOLA

Scharfe Zange
 Forceps scoop-shaped
 Pinza en forma de cucharra, cortante
 Pinze tagliente



10443.03 165 mm / 6½" NICOLA

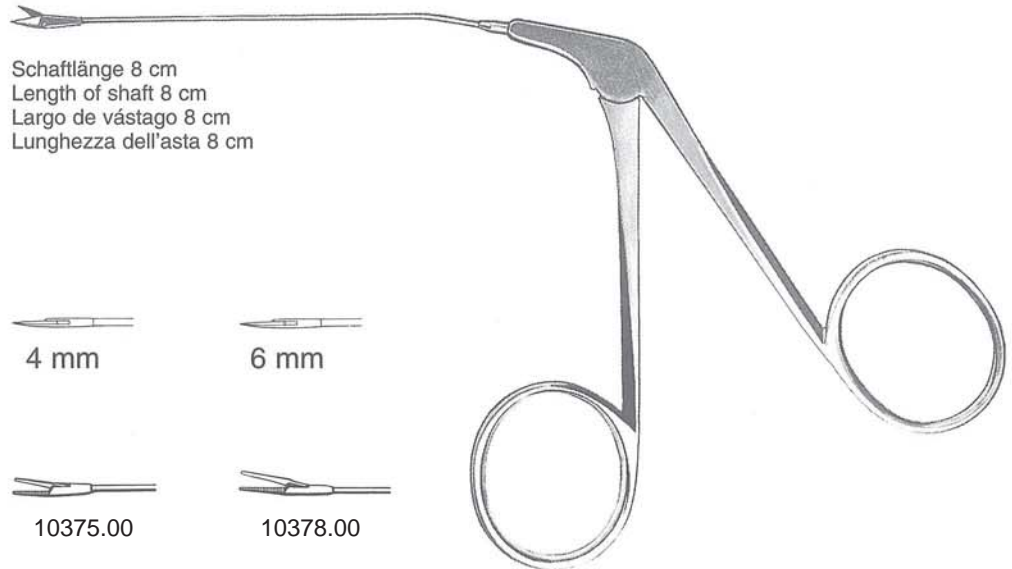
Mikro-Schere, gerade
 Micro scissors, straight
 Micro-tijera, recta
 Micro forbice, retta



10443.04 165 mm / 6½" YASARGIL-NICOLA

Faßzange
 Grasping Forceps
 Forceps
 Pinze da presa

Hypophysektomie-Instrumente
 Pituitary Instruments
 Instrumentos para hipófisis
 Strumenti per ipofisi



Schaftlänge 8 cm
 Length of shaft 8 cm
 Largo de vástago 8 cm
 Lunghezza dell'asta 8 cm

Mikrozangen
 micro forceps
 micro-pinzas
 micro pinze



4 mm



6 mm

gerade
 straight
 recta
 retta



10375.00



10378.00

aufgebogen
 angled up
 curva hacia arriba
 curvo in alto



10376.00

Löffelzangen
 Cup-shaped Forceps
 Pinzas en forma de cuchara
 Pinze, morso a forma di cucchiaio

gerade
 straight
 recta
 retta



10385.00

rund
 round
 redondo
 rotondo

oval
 oval
 oval
 oval



10388.00

Mikro-Scheren
 Micro Scissors
 Micro-tijeras
 Micro Forbici

gerade
 straight
 recta
 retta



10415.00

rechts gebogen
 curved right
 curva a la derecha
 curvo a destra



10419.00

aufgebogen
 angled up
 curva hacia arriba
 curvo in alto



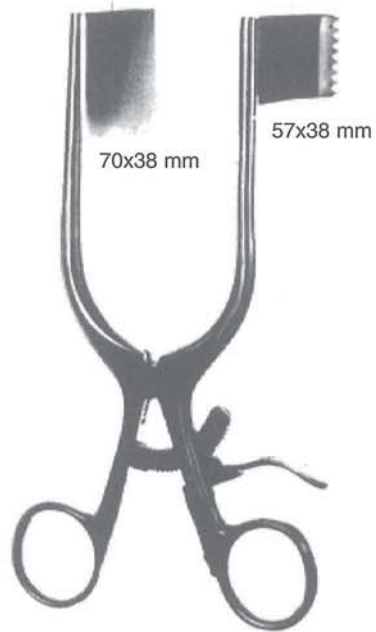
10417.00

links gebogen
 curved left
 curva a la izquierda
 curvo a sinistra

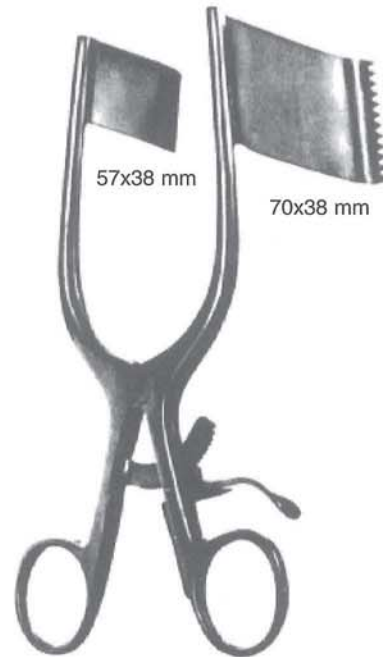


10420.00

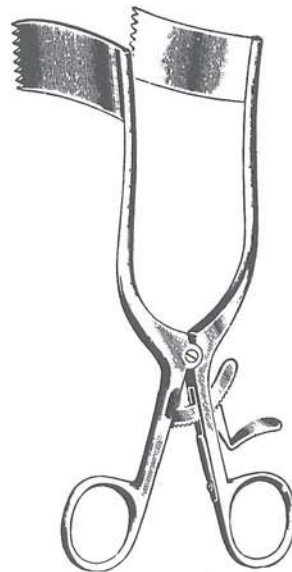
Wundhaken
Retractors
Separadores
Divaricatori



DARLING
8562.18 18,0 cm

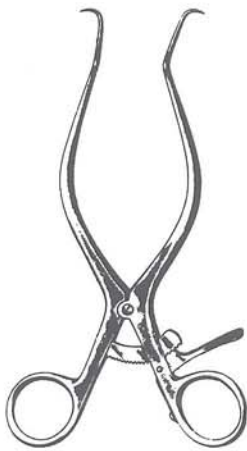


DARLING
8563.18 18,0 cm



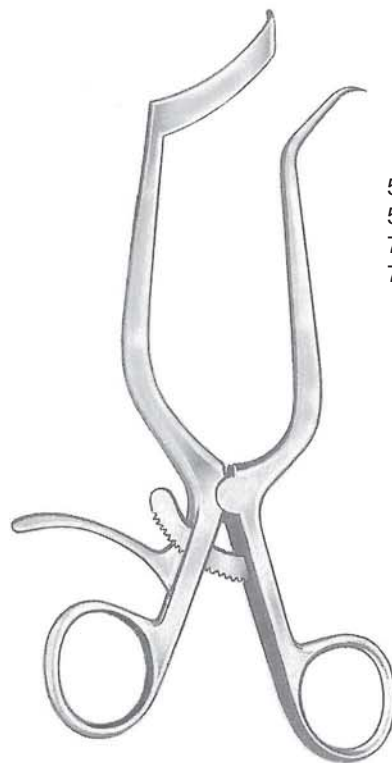
MEYERDING 17,0 cm
8576.01 2,5 x 3,2 cm
8576.02 2,5 x 5,4 cm
8576.03 1,9 x 6,0 cm
8576.04 2,5 x 6,0 cm

Wundsperrer
Retractors
Separadores
Divaricatori



GELPI

8570.09	9,0 cm
8570.11	11,0 cm
8570.14	14,0 cm
8570.16	16,0 cm
8570.18	18,0 cm



WILLIAMS
20,0 cm

50 x 10 mm
50 x 20 mm
70 x 10 mm
70 x 20 mm

8531.01	8532.01
8531.02	8532.02
8531.03	8532.03
8531.04	8532.04

rechts
right
a la derecha
a destra

links
left
a la izquierda
a sinistra



MISKIMOM 22,0 cm
8533.01 8533.02

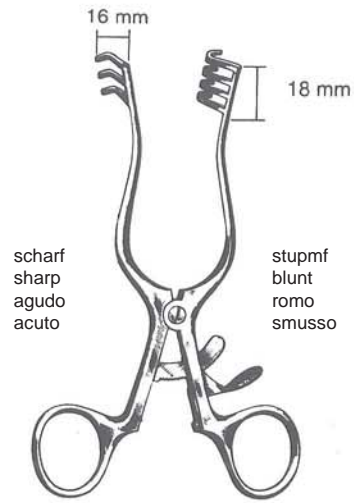
scharf
sharp
agudo
acuto

stumpf
blunt
romo
smusso



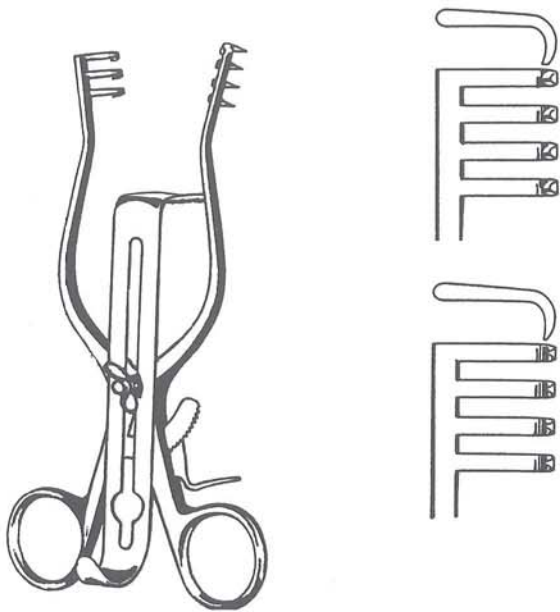
MARKHAM-MEYERDING 18,0 cm
8534.01 8534.02

Wundhaken
Retractors
Separadores
Divaricatori



POTTS-SMITH

8540.13	14,0 cm	8555.13
8540.16	16,5 cm	8555.16
8540.20	20,0 cm	8555.20
8540.26	24,0 cm	8555.26



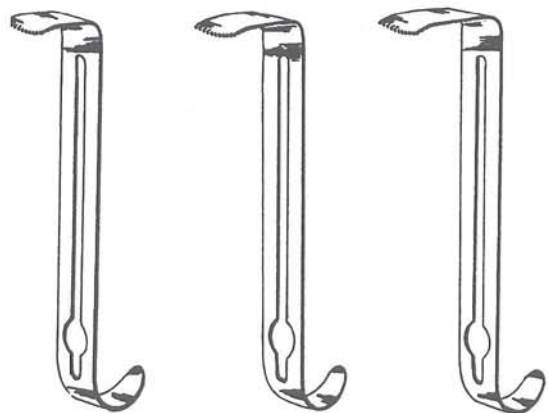
HENLEY 16,5 cm
8495.00 - 8499.32

8497.05 Retraktor allein, stumpf, 3x4 Zähne
8497.05 Retractor only, blunt, 3x4 teeth
8497.05 Separador solo, romo, 3x4 dientes
8497.05 Retrattore solo, smusso, 3x4 denti

8498.06 Retraktor allein, spitz, 3x4 Zähne
8498.06 Retractor only, sharp, 3x4 teeth
8498.06 Separador solo, agudo, 3x4 dientes
8498.06 Retrattore solo, acuto, 3x4 denti

8495.00 komplett, stumpf, 3x4 Zähne und 3 Valven
8495.00 complete, blunt, 3x4 teeth and 3 blades
8495.00 completo, romo, 3x4 dientes y 3 valvas
8495.00 completo, smusso, 3x4 denti e 3 valve

8496.00 komplett, scharf, 3x4 Zähne und 3 Valven
8496.00 complete, sharp, 3x4 teeth and 3 blades
8496.00 completo, agudo, 3x4 dientes y 3 valvas
8496.00 completo, acuto, 3x4 denti e 3 valve



8499.19
16 x 19 mm

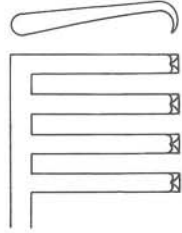
8499.25
16 x 25 mm

8499.32
16 x 32 mm

Wundsperrer
Retractors
Separadores
Divaricatori



ANDERSON ADSON
8470.20 19,5 cm

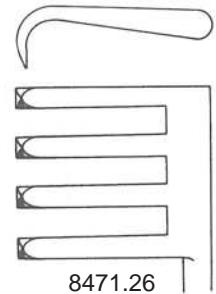
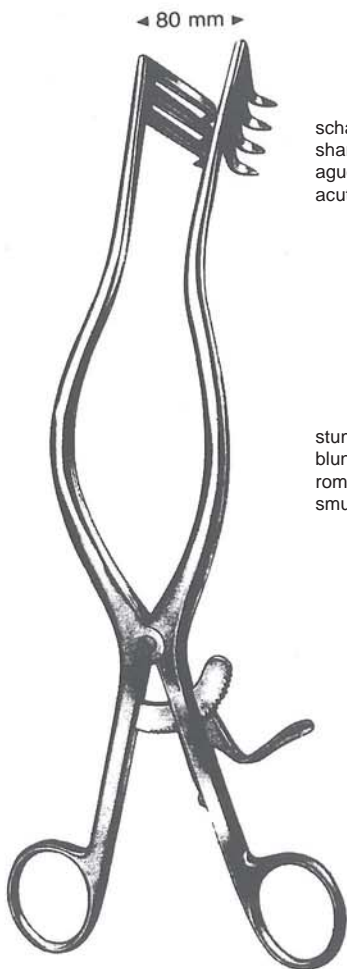


scharf
sharp
agudo
acuto



ADSON
8473.19 19,0 cm 8474.19

stumpf
blunt
romo
smusso



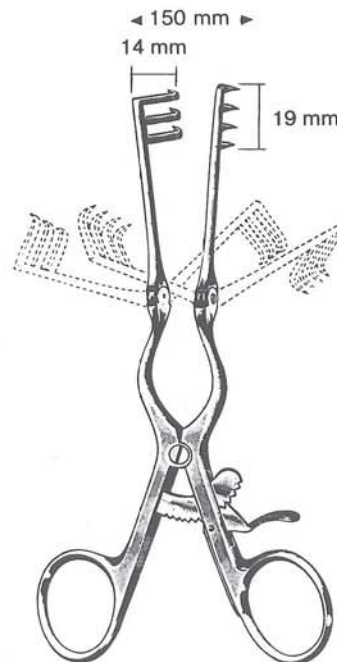
scharf
sharp
agudo
acuto

8471.26

stumpf
blunt
romo
smusso

8472.26

ADSON
8471.26 - 8472.26
26,5 cm



8475.14 14,0 cm
8475.16 16,0 cm
8475.20 20,0 cm
8475.26 26,0 cm

scharf
sharp
agudo
acuto

8476.14 14,0 cm
8476.16 16,0 cm
8476.20 20,0 cm
8476.26 26,0 cm

stumpf
blunt
romo
smusso

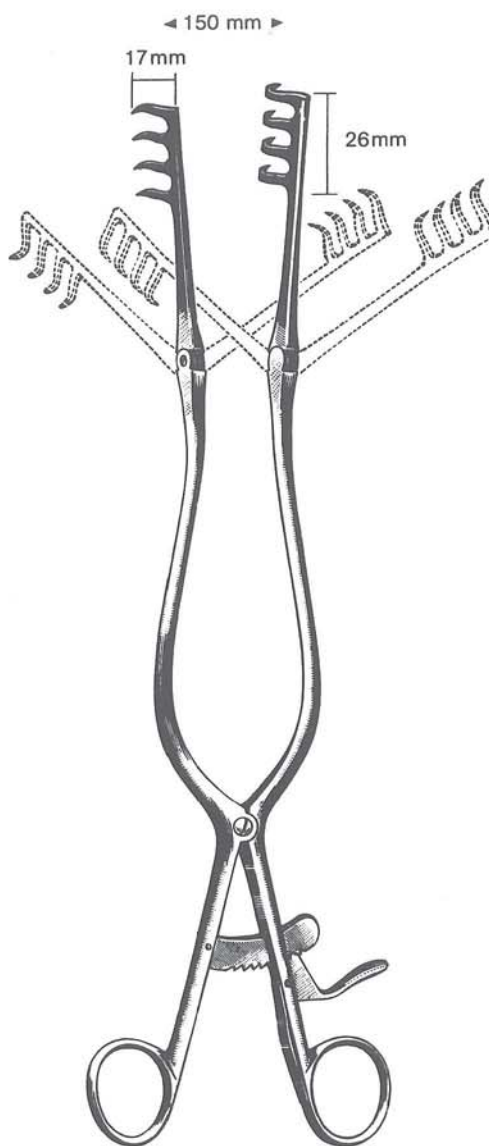
ADSON BABY
8475.14 - 8476.26
16,0 cm

MATTES

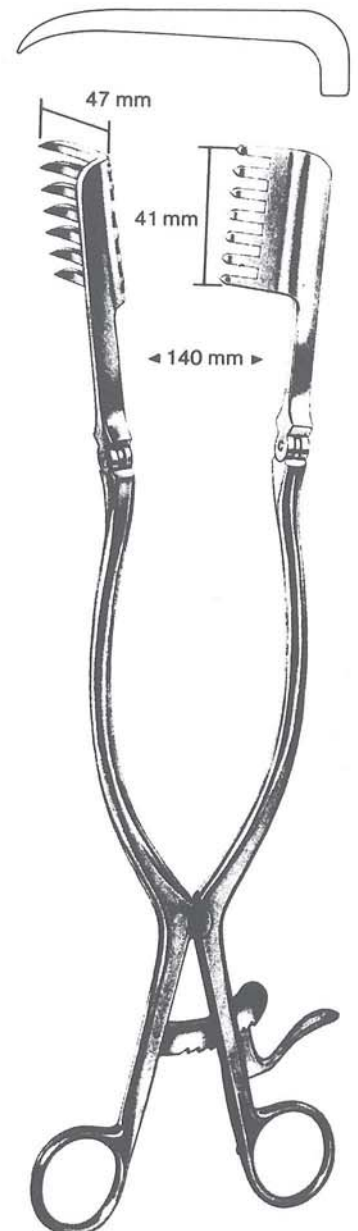
Wundhaken
Retractors
Separadores
Divaricatori



ADSON
8477.32 32,0 cm

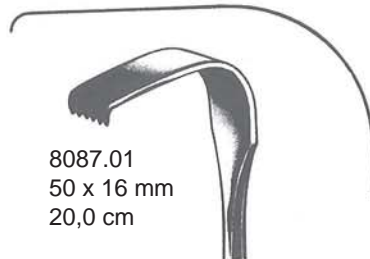


BECKMANN
8560.31 31,0 cm

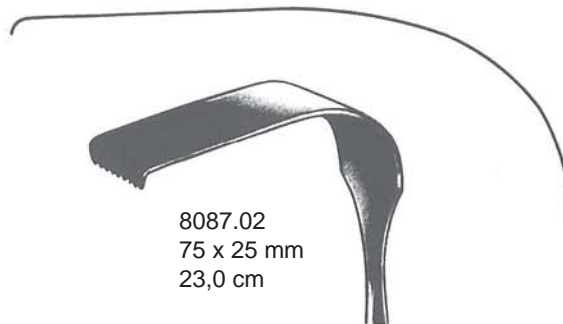


BECKMANN-EATON
8479.32 32,0 cm

Wundhaken
Retractors
Separadores
Divaricatori



8087.01
50 x 16 mm
20,0 cm



8087.02
75 x 25 mm
23,0 cm

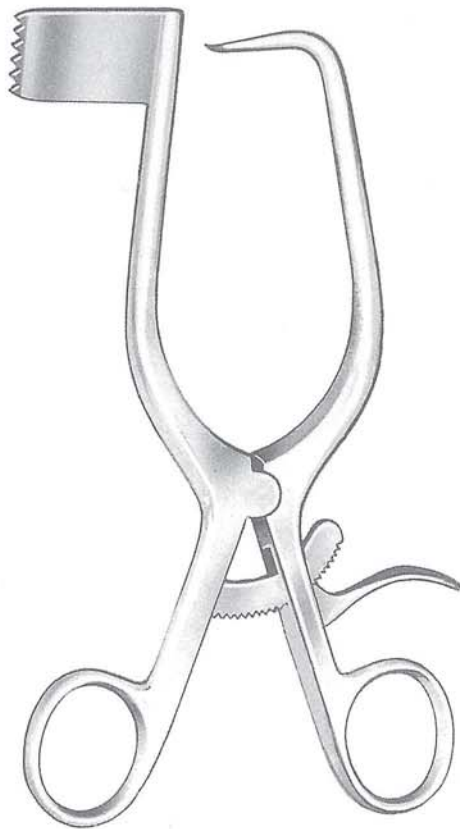


8087.03
90 x 50 mm
24,0 cm

MEYERDING

MATTES

Muskelspreizer
Muscle Retractor
Separadores musculares
Divaricatori muscolari



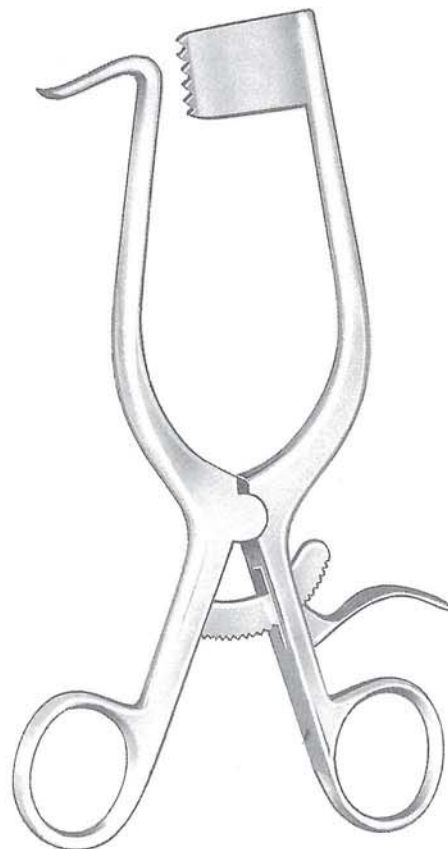
20,0cm

50 x 10 mm	8541.01	8542.01
60 x 10 mm	8541.02	8542.02
70 x 10 mm	8541.03	8542.03

links	rechts
left	right
a la izquierda	a la derecha
a sinistra	a destra

50 x 10 mm	8541.04	8542.04
60 x 10 mm	8541.05	8542.05
70 x 10 mm	8541.06	8542.06

links	rechts
left	right
a la izquierda	a la derecha
a sinistra	a destra



20,0cm

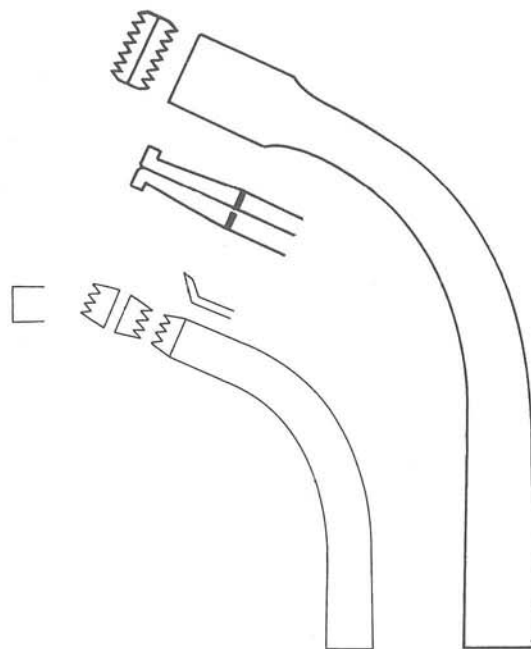
Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Divaricatori per corpi vertebrali



CLOWARD
9040.16
16,0 cm



INGE
9042.17 - 9042.27



9042.17
17,0 cm

9042.27
27,0 cm

Bipolare Pinzetten
Bipolar Forceps
Pinzas bipolares
Pinze bipolari



1/1

9961.19
195 mm / 7¾"



0,3 mm

9953.16 165 mm / 6½"

9953.19 195 mm / 7¾"

Spitzen 0,3 mm
tips 0,3 mm
puntas 0,3 mm
punte 0,3 mm



0,7 mm

9965.07 225 mm / 9"

Spitzen 0,7 mm
tips 0,7 mm
puntas 0,7 mm
punte 0,7 mm



1,0 mm

9961.19 195 mm / 7¾"

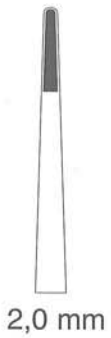
Spitzen 1,0 mm
tips 1,0 mm
puntas 1,0 mm
punte 1,0 mm



1,2 mm

9965.12 225 mm / 9"

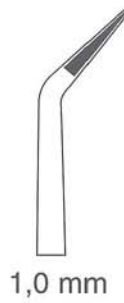
Spitzen 1,2 mm
tips 1,2 mm
puntas 1,2 mm
punte 1,2 mm



2,0 mm

9962.19 195 mm / 7¾"

Spitzen 2,0 mm
tips 2,0 mm
puntas 2,0 mm
punte 2,0 mm



1,0 mm

9964.19 195 mm / 7¾"

abgewinkelt nach unten, Spitzen 1,0 mm
angled downwards, tips 1,0 mm
curvada hacia abajo, puntas 1,0 mm
curva in basso, punte 1,0 mm



1,0 mm

9963.19 195 mm / 7¾"

abgewinkelt nach oben, Spitzen 1,0 mm
angled upwards, tips 1,0 mm
curvada hacia arriba, puntas 1,0 mm
curva in alto, punte 1,0 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar
Coagulazione bipolare

Verbindungskabel
Connection Cords
Cables de conexión
Cavi da connessione



	ERBE SELECT	AESCULAP	USA Mod.	MARTIN
3 m	9970.30	9971.30	9972.30	9973.30
5 m	9970.50		9972.50	9973.50

für Elektro-Chirurgie-Einheiten
for Electrosurgery Equipment
para Electrobisturios
per Elettrobisturi

Spekula für Rückenoperationen
 Specula for lumbar vertebral operations
 Espéculos para laminectomía
 Specoli per laminectomia

8575.45	45 mm / 1¾"	CASPAR
8575.50	50 mm / 2"	
8575.55	55 mm / 2⅛"	
8575.60	60 mm / 2¼"	
8575.65	65 mm / 2½"	

Spekula
 specula
 espéculo
 specolo



CASPAR
 8575.45
 45 mm / 1¾"



CASPAR
 8573.17

- | | | |
|---------|--|--------|
| 8573.00 | Gegensperrer, komplett mit 7 Blättern
Counter Retractor, complete with 7 blades
Contra-retractor, completo con 7 tapas
Divaricatore, completo con 7 valve | CASPAR |
| 8573.17 | Gegensperrer, alleine
Counter Retractor, only
Contra-retractor, suelto
Divaricatore, solo | |

8573.40	40 mm / 1½"
8573.45	45 mm / 1¾"
8573.50	50 mm / 2"
8573.55	55 mm / 2⅛"
8573.60	60 mm / 2¼"
8573.65	65 mm / 2½"
8573.70	70 mm / 2¾"

Blätter alleine
 blades only
 hojas sueltas
 valve sole



8573.50
 50 mm / 2"

Spekula für Rückenoperationen
 Specula for lumbar vertebral operations
 Espéculos para laminectomía
 Specoli per laminectomia



- | | | |
|---------|--|--------|
| 8543.00 | Gegensperrer, komplett mit 6 Blättern
Counter Retractor, complete with 6 blades
Contra-retractor, completo con 6 tapas
Divaricatore, completo con 6 valve | CASPAR |
| 8543.01 | Gegensperrer, alleine
Counter Retractor, only
Contra-retractor, suelto
Divaricatore, solo | |



- | | |
|---------|-------------|
| 8543.35 | 35 mm / 1¼" |
| 8543.40 | 40 mm / 1½" |
| 8543.45 | 45 mm / 1¾" |
| 8543.50 | 50 mm / 2" |
| 8543.55 | 55 mm / 2⅛" |
| 8543.60 | 60 mm / 2¼" |
| 8543.65 | 65 mm / 2½" |
| 8543.75 | 75 mm / 3" |
| 8543.85 | 85 mm / 3¼" |

Blätter alleine
 blades only
 hojas sueltas
 valve sole

Wundspreizer für die Wirbelsäule
 Retractors for spine
 Retractores para laminectomía
 Divaricatori per laminectomia



CASPAR
8544.00

8544.00 Sperrer, mit 10 Blättern
 Retractor, with 10 blades
 Retractor, con 10 tapas
 Divaricatore, con 10 valve

CASPAR

8544.01 Sperrer, alleine
 Retractor, only
 Retractor, suelto
 Divaricatore, solo

8545.00 Gegensperrer, mit 5 Blättern
 Counter Retractor, with 5 blades
 Contra-retractor, con 5 tapas
 Divaricatore, con 5 valve

CASPAR

8545.15 Gegensperrer, alleine
 Counter Retractor, only
 Contra-retractor, suelto
 Divaricatore, solo



CASPAR
8545.00



8546.00

8546.00 Gegensperrer, mit 5 Blättern
 Counter Retractor, with 5 blades
 Contra-retractor, con 5 tapas
 Divaricatore, con 5 valve

CASPAR

8546.11 Gegensperrer, alleine
 Counter Retractor, only
 Contra-retractor, suelto
 Divaricatore, solo

8547.01 Blätter-Wechsepinzette
 Blade ejector
 Pinza para cambiar hojas
 Pinze per cambiare valve



Instrument aus Titan
Instrument from Titanium
Instrumento de Titanio
Strumento in Titanio

Blätter für Wundspreizer
Blades for Retractors
Hojas sueltas para retractores
Valve per divaricatori

8569.06	40 x 23 mm	8569.09	55 x 23 mm
8569.07	45 x 23 mm	8569.10	60 x 23 mm
8569.08	50 x 23 mm		

Blätter, medial / medial blades, only stainless steel
hojas mediales, de acero inox. / valve mediali di acciaio inox

8556.01 T	25 x 24 mm	8556.06 T	50 x 24 mm
8556.02 T	30 x 24 mm	8556.07 T	55 x 24 mm
8556.03 T	35 x 24 mm	8556.08 T	60 x 24 mm
8556.04 T	40 x 24 mm	8556.09 T	65 x 24 mm
8556.05 T	45 x 24 mm	8556.10 T	70 x 24 mm

Blätter, medial TITAN / medial blades, TITANIUM
hojas mediales, de TITANIO / valve mediali di TITANIO



8569.09
55 x 20 mm

8569.11	40 x 23 mm	8569.14	55 x 23 mm
8569.12	45 x 23 mm	8569.15	60 x 23 mm
8569.13	50 x 23 mm		

Blätter, lateral / lateral blades, only stainless steel
hojas laterales, de acero inox. / valve laterali di acciaio inox



8569.13
50 x 23 mm

8556.11 T	25 x 24 mm	8556.16 T	50 x 24 mm
8556.12 T	30 x 24 mm	8556.17 T	55 x 24 mm
8556.13 T	35 x 24 mm	8556.18 T	60 x 24 mm
8556.14 T	40 x 24 mm	8556.19 T	65 x 24 mm
8556.15 T	45 x 24 mm	8556.20 T	70 x 24 mm

Blätter, lateral TITAN / lateral blades, TITANIUM
hojas laterales, de TITANIO / valve laterali di TITANIO

8569.16	40 x 23 mm	8569.19	55 x 23 mm
8569.17	45 x 23 mm	8569.20	60 x 23 mm
8569.18	50 x 23 mm		

Blätter, stumpf / blunt blades, only stainless steel
hojas romas, de acero inox. / valve smusse di acciaio inox

8556.21 T	30 x 24 mm	8556.26 T	55 x 24 mm
8556.22 T	35 x 24 mm	8556.27 T	60 x 24 mm
8556.23 T	40 x 24 mm	8556.28 T	65 x 24 mm
8556.24 T	45 x 24 mm	8556.29 T	70 x 24 mm
8556.25 T	50 x 24 mm	8556.30 T	75 x 24 mm

Blätter, stumpf TITAN / blunt blades, TITANIUM
hojas romas, de TITANIO / valve smusse di TITANIO



8569.18
55 x 23 mm



8556.50 40 x 23 mm
8556.60 45 x 23 mm

Blätter, stumpf / blunt blades, only stainless steel
hojas romas, de acero inox. / valve smusse di acciaio inox

Wundspreizer für die Wirbelsäule
 Retractors for spine
 Retractores para laminectomía
 Divaricatori per laminectomia



- 8549.00 CASPAR
 Sperrer mit Haken, 8550.38 und 5 Blättern 8551.37 - 8551.57
 Retractor with hook, 8550.38 and 5 blades 8551.37 - 8551.57
 Retractor con gancho, 8550.38 y 5 hojas 8551.37 - 8551.57
 Divaricatore con gancio, 8550.38 e 5 valve 8551.37 - 8551.57
- 8549.01 Sperrer, allein
 Retractor, only
 Retractor, suelto
 Divaricatore, solo



8550.38 Haken, 38 mm
 Hook, 38 mm
 gancho de 38 mm
 gancio 38 mm

8550.58 Haken, 58 mm
 Hook, 58 mm
 gancho de 58 mm
 gancio 58 mm



8551.32 32 x 22 mm
 8551.37 37 x 22 mm
 8551.43 43 x 22 mm
 8551.47 47 x 22 mm
 8551.52 52 x 22 mm
 8551.57 57 x 22 mm
 8551.62 62 x 22 mm
 8551.67 67 x 22 mm

Blätter / blades / hojas / valve



8752.32 32 x 37 mm
 8752.37 37 x 37 mm
 8752.43 43 x 37 mm
 8752.47 47 x 37 mm
 8752.52 52 x 37 mm
 8752.57 57 x 37 mm
 8752.62 62 x 37 mm
 8752.67 67 x 37 mm

Blätter / blades / hojas / valve



8753.32 32 x 52 mm
 8753.37 37 x 52 mm
 8753.43 43 x 52 mm
 8753.47 47 x 52 mm
 8753.52 52 x 52 mm
 8753.57 57 x 52 mm
 8753.62 62 x 52 mm
 8753.67 67 x 52 mm

Blätter / blades / hojas / valve

Laminektomiespreizer
Laminectomy Retractors
Separadores para laminectomia
Divaricatori per laminectomia



8577.00
SCOVILLE-HAVERFIELD

Rahmen allein
Frame only
Marco solo
Telaio solo



8578.00
SCOVILLE

Rahmen allein
Frame only
Marco solo
Telaio solo



SCOVILLE
50 mm
8579.50



SCOVILLE
70 mm
8579.70



SCOVILLE
8579.41 41 x 38 mm
8579.67 67 x 44 mm



TAYLOR
8579.48 41 x 50 mm
8579.63 64 x 50 mm
8579.64 64 x 64 mm
8579.80 80 x 57 mm



SCOVILLE
50 mm
8579.51



SCOVILLE
70 mm
8579.71



SCOVILLE
8579.61 64 x 25 mm
8579.62 64 x 50 mm
8579.88 88 x 25 mm

Wundspreizer für die Wirbelsäule
Retractors for spine
Retradores para laminectomía
Divaricatori per laminectomia



8548.02
62 x 52 mm 62 x 37 mm
PR = Paire / Paio



8548.03
47 x 51 mm



8548.01
SCOVILLE-RICHTER

Rahmen mit 1 Paar Valven 8548.01
frame with one pair of blades 8548.01
retractor con hojas 8548.01
divaricatore con valve 8548.01



8548.04
30 x 40 mm



8548.05
37 x 62 mm

Wirbelkörper Distraktions System
 Vertebral Body Distraction System
 Sistema de distracción vertebral
 Sistema di distrazione vertebrale



CASPAR
8554.01

8554.01 Distraktor alleine, rechts
 Distractor only, right
 distractor, suelto, lado derecho
 distrattore solo, a destra

8554.02 Distraktor alleine, links
 Distractor only, left
 distractor, suelto, lado izquierdo
 distrattore solo, a sinistra

137030 Distraktor alleine, rechts mit verlängerter Führungsstange für mehrere Distraktionen
 Distractor only, right with elongated toothed bar for multilevel distraction
 distractor, suelto, lado derecho alargado para multi-distracciones
 distrattore solo, a destra, allungato per multi-distrazioni

137032 Distraktor alleine, links mit verlängerter Führungsstange für mehrere Distraktionen
 Distractor only, left with elongated toothed bar for multilevel distraction
 distractor, suelto, lado izquierdo alargado para multi-distracciones
 distrattore solo, a sinistra, allungato per multi-distrazioni

137040 Bohrlehre, rechts, für Distraktor 8554.01
 Drill guide, right, for distractor 8554.01
 Guia, lado derecha, para distractor 8554.01
 Guida a destra per distrattore 8554.01

137042 Bohrlehre, links, für Distraktor 8554.02
 Drill guide, left, for distractor 8554.02
 Guia, lado izquierda, para distractor 8554.02
 Guida a sinistra per distrattore 8554.02



137040

Wirbelkörper Distraktions System
 Vertebral Body Distraction System
 Sistema de distracción vertebral
 Sistema di distrazione vertebrale



137050 145 mm / 5¾"

Bohrer ø 1,7 mm für Distraktionsschrauben · Bohrtiefe 8 mm
 Twist drill ø 1.7 mm for distraction screws · drilling depth 8 mm
 perforador ø 1,7 mm para tornillo de distraccion · profundidad de 8 mm
 perforatore ø 1,7 mm per viti di distrazione · profondita 8 mm

137050
 145 mm / 5¾"



- 137012 12 mm
- 137014 14 mm
- 137016 16 mm
- 137018 18 mm

Distraktionsschrauben
 Distraction screw
 Tornillos de distraccion
 Vite di distrazione

137052 200 mm / 8"

Schraubendreher for Distraktionsschrauben
 Screw driver for distraction screw
 Atornilloador para tornillos de distraccion
 Cacciavite per vite di distrazione



137052
 200 mm / 8"

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