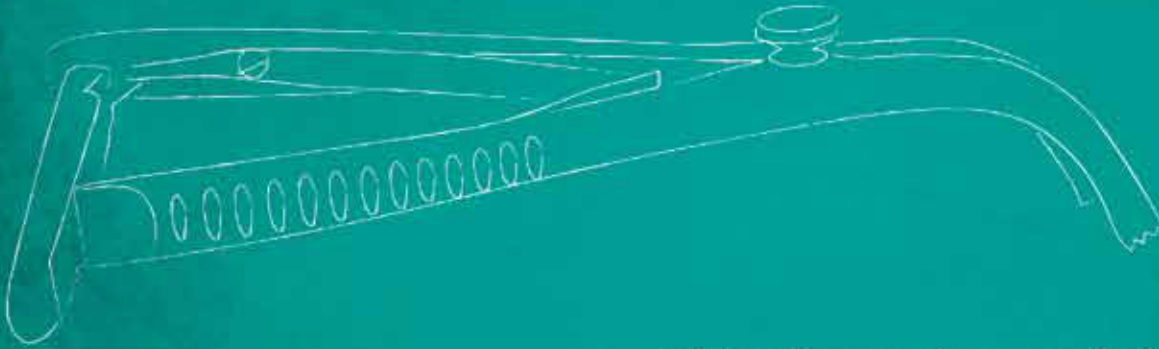


lamina spreaders



applying forceps for vessel clips



laminectomy punches



Neurochirurgie
Neurosurgery

243

Drahtsägen
Wire Saws
Sierras de hilo



Art.Nr.	Beschreibung Description	Size	Spez.
243-005-00	GIGLI Drahtsägen-Handgriff wire saws handle mango de gancho		



GIGLI (OLIVECRONA)

243-010-30	30,0cm; 11 6/8"
243-010-40	40,0cm; 15 6/8"
243-010-50	50,0cm; 19 5/8"
243-010-60	60,0cm; 23 5/8"
243-010-70	70,0cm; 27 4/8"



243-026-33	DE MARTEL Einführungsinstrument wire saw guide conductor para para sierras de hilo	33,0cm; 13"
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243

Schädelstanzen
 Cranial Rongeur
 Pinza sacabocados craneales

Art.Nr.	Beschreibung Description	Size	Spez.
243-040-00	DE VILBISS	21,0cm; 8 2/8"	



DE VILBISS Ersatzklingen
 spare blades only
 hoja de repuesto

243-040-01 Fig. 4



243-040-02 Fig. 5



Schädelstanzen
 Cranial Rongeur
 Pinza sacabocados craneales



Art.Nr.	Beschreibung Description	Size	Spez.
243-044-20	DAHLGREEN	19,5cm; 7 5/8"	



243-044-01	DAHLGREEN Ersatzklinge spare blade hoja de repuesto		
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243-046-22	CONE bis 12 mm up to 12 mm a 12 mm	22,5 cm; 8 7/8"	
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243

Schädelhalter
 Skull traction tongs
 Estribos de tracción craneal

Art.Nr.	Beschreibung Description	Size	Spez.
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243-050-01	CRUTCHFIELD bis 105 mm up to 105 mm a 105 mm		
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243-050-02	CRUTCHFIELD bis 155 mm up to 155 mm a 155 mm		
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	Vorbohrer drill point perforador		
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		7,0cm; 2 6/8"	
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243-051-35	Ø 3,5 mm		
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243-051-50	Ø 5,0 mm		
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Schädelhalter
Skull traction tongs
Estribos de tracción craneal



Art.Nr.	Beschreibung Description	Size	Spez.
243-055-00	bis 175 mm up to 175 mm a 175 mm		



243-055-01	Ersatzdorn Spare pin Espina de repuesto
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Hirnretraktor
Brain retractor
Separadores cerebrales

Art.Nr.	Beschreibung Description	Size	Spez.
243-070-00	LEYLA		SET

1-Arm | with 1 arm | con 1 brazo

bestehend aus: | consisting of: | compuesto de:

1x 243-070-10 Spannarm | Flexible arm | Brazo

1x 243-070-20 Fixiervorrichtung | Fixation base | Fijador

1x 243-070-31 Spatelhalter | Support | Porta-espátula



243-071-00	LEYLA		SET
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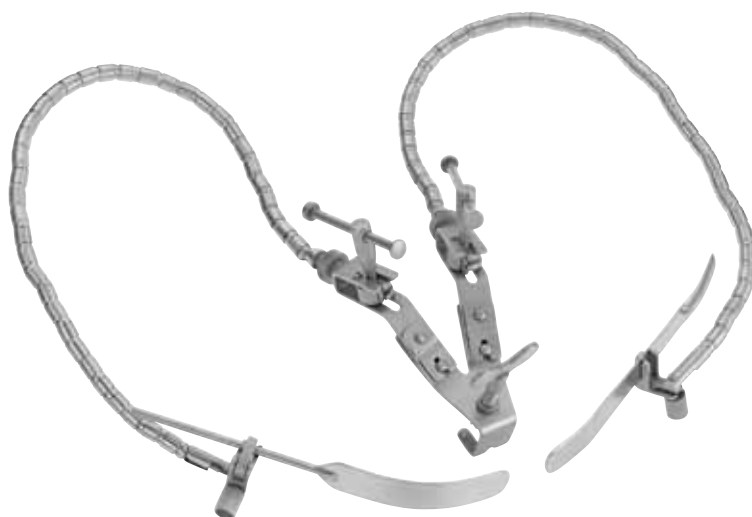
2-Arm | with 2 arms | con 2 brazos

bestehend aus: | consisting of: | compuesto de:

2x 243-070-10 Spannarm | Flexible arm | Brazo

1x 243-070-21 Fixiervorrichtung | Fixation base | Fijador

2x 243-070-31 Spatelhalter | Support | Porta-espátula



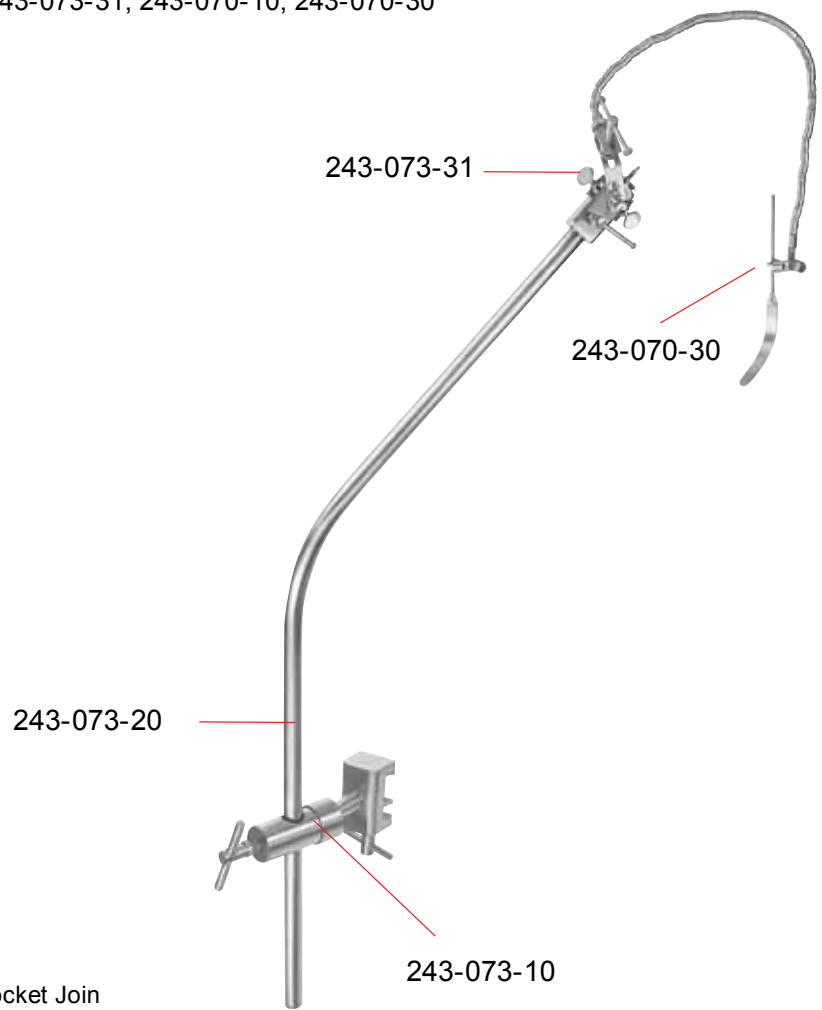
Hirnretraktor
Brain retractor
Separador cerebro



Art.Nr.	Beschreibung Description	Size	Spez.
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243-075-00	LEYLEA 1-Arm with 1 arm con 1 brazo		SET
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bestehend aus: | consisting of: | compuesto de:
1 x 243-073-10; 243-073-20; 243-073-31; 243-070-10; 243-070-30



243-073-10	Kugelgelenkkolben Ball and Socket Join zapato p.la f jacion
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243-073-20	Haltearm holding rod brazo
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243-073-31	Kupplungskopf Coupling head Acoplamiento
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243-070-10	Spannarm Flexible arm Brazo
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243-070-30	Spatelhalter Support Porta-espátula
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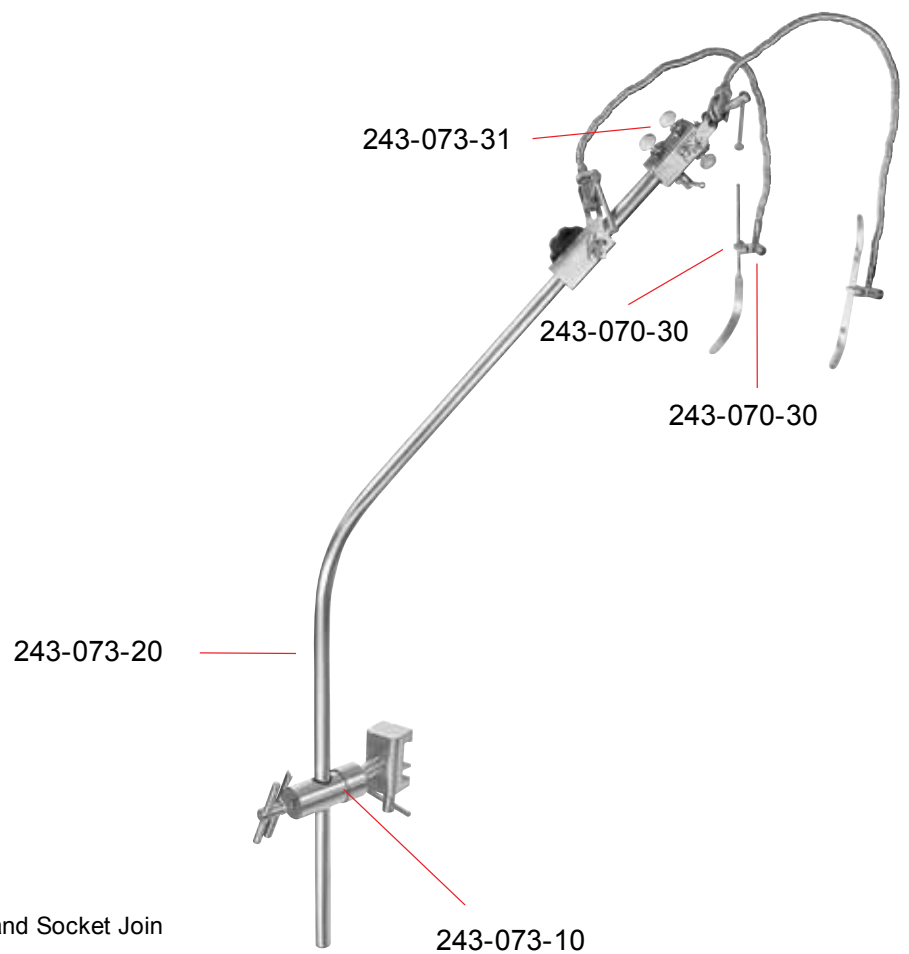
243

Hirnretraktor
Brain retractor
Separador cerebro

Art.Nr.	Beschreibung Description	Size	Spez.
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243-077-00	LEYLEA 2-Arm with 2 arms con 2 brazos		SET
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bestehend aus: | consisting of: | compuesto de:
1 x 243-073-10; 1 x 243-073-20; 2 x 243-073-31; 2 x 243-070-10; 1 x 243-070-30; 1 x 243-070-31



243-073-10	Kugelgelenkkolben Ball and Socket Join zapato p.la f jacion
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243-073-20	Haltearm holding rod brazo
------------	---------------------------------

243-073-31	Kupplungskopf Coupling head Acoplamiento
------------	---







243-070-10	Spannarm Flexible arm Brazo
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243-070-30	Spatelhalter Support Porta-espátula
------------	--

243-070-31	Spatelhalter Support Porta-espátula
------------	--

Hirnretraktor
Brain retractor
Separador cerebro



Art.Nr.	Beschreibung Description	Size	Spez.
243-070-10	Spannarm flexible arm brazo		
243-070-20	Fixiervorrichtung für 1 Arm zum Festschrauben am Schädel fixation base for 1 arm at skull fijador para 1 brazo al craneo		
243-070-21	Fixiervorrichtung für 2 Arme zum Festschrauben am Schädel fixation base for 2 arms at skull fijador para 2 brazos al craneo		
243-070-22	Fixiervorrichtung für 1 Arm zum Festschrauben am Starrarm fixation base for 1 arm at rigid arm fijador para 1 brazo al brazo rígido		
243-070-30	Halter für Hirnspatel mit rundem Schaft holder for brain spatula with round stem soporte para espátulas con vástago redondo		
243-070-31	Halter für flache Hirnspatel holder for flat brain spatula soporte para espátulas llanas		

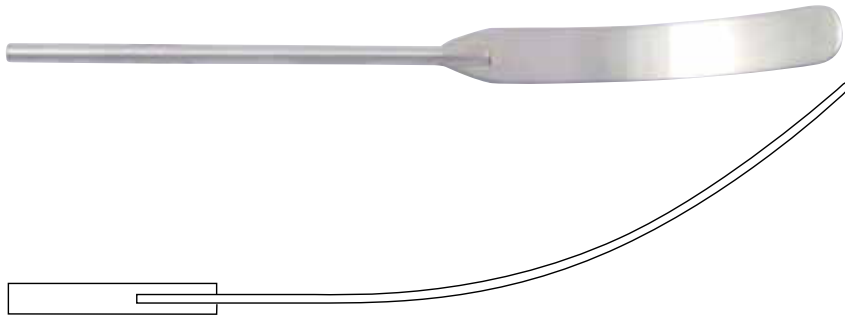
244

Hirnretraktor
Brain retractor
Separador cerebro

Art.Nr.	Beschreibung Description	Size	Spez.
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HEIFETZ

20,0cm; 7 7/8"



- 243-130-08 8,0 mm
- 243-130-11 11,0 mm
- 243-130-14 14,0 mm
- 243-130-17 17,0 mm
- 243-130-20 20,0 mm

HEIFETZ

15,5cm; 6 1/8"

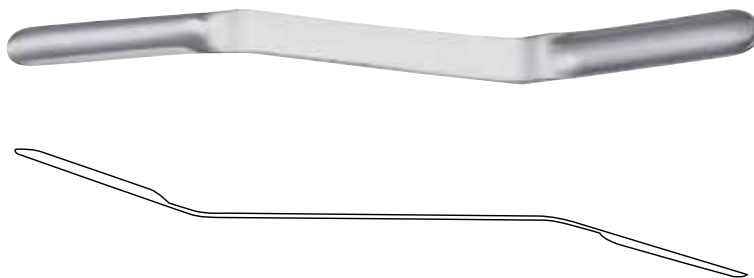


- 243-132-08 8,0 mm
- 243-132-11 11,0 mm
- 243-132-14 14,0 mm
- 243-132-17 17,0 mm

OLIVECRONA

18,0cm; 7"

konkav | concave | concáva



- 243-136-01 7 + 9 mm
- 243-136-02 11 + 13 mm
- 243-136-03 15 + 18 mm
- 243-136-04 19 + 21 mm

Hirnspatel
Brain spatulas
Espátulas cerebrales

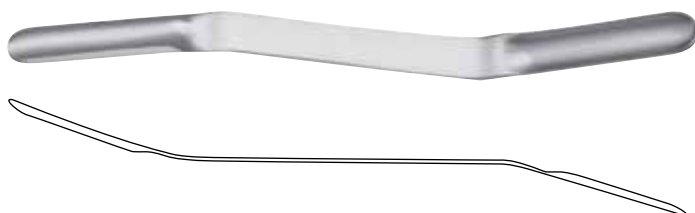


Art.Nr.	Beschreibung Description	Size	Spez.
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OLIVECRONA

18,0cm; 7"

konvex | convex | convexo



- 243-138-01 7 + 9 mm
- 243-138-02 11 + 13 mm
- 243-138-03 15 + 18 mm
- 243-138-04 19 + 21 mm

biegsam | malleable | maleable

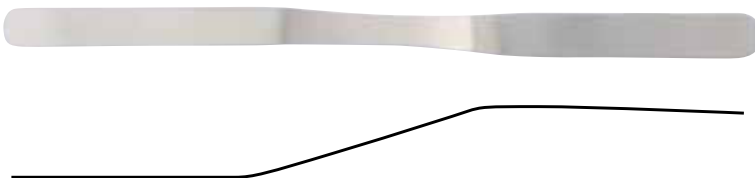
20,0cm; 7 7/8"



- 243-146-12 12,0 mm
- 243-146-17 17,0 mm

CUSHING

19,5cm; 7 5/8"
10 + 12 mm



243

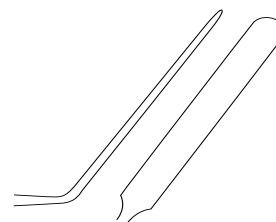
Nervwurzelnhaken
 Nerve root retractors
 Separadores para la raíz nervio

Art.Nr.	Beschreibung Description	Size	Spez.
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243-200-20

HORSLEY

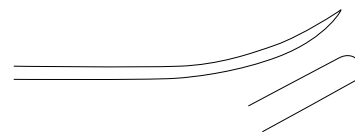
20,0cm; 7 7/8"



243-202-21

SACHS

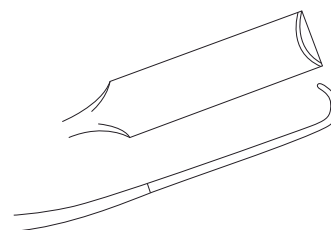
21,0cm; 8 2/8"



243-203-07

HOLSHER

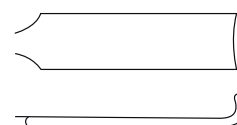
21,0cm; 8 2/8"



243-205-23

SCOVILLE

23,0cm; 9"
8,0 mm



Nervwurzelhaken
Nerve root retractors
Separadores para la raíz nervio



Art.Nr. Beschreibung | Description Size Spez.

243-207-00 LOVE 21,5cm; 8 4/8"



243-207-45 LOVE 17,5cm; 6 7/8" 45°



243-207-90 LOVE 11,0cm; 4 3/8" 90°



243-208-22 LOVE 21,0cm; 8 2/8"



243-213-20 SCOVILLE 20,0cm; 7 7/8" 8,0 mm



243

Nervhaken; Durahaken
Nerve hooks; Dura hooks
Ganchos para nervios; Ganchos para duramadre

Art.Nr.	Beschreibung Description	Size	Spez.
243-217-17	SMITHWICK	16,5cm; 6 4/8"	



243-217-21	SMITHWICK	21,0cm; 8 4/8"	
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243-221-14	CUSHING	14,5cm; 5 6/8"	
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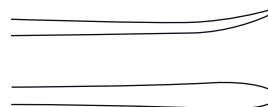
Duradissektoren
 Dura dissectors
 Disecadores para duramadre



Art.Nr.	Beschreibung Description	Size	Spez.
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SACHS

21,0cm; 8 4/8"



243-228-21



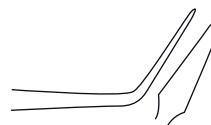
243-230-21



243-231-15

FRAZIER

16,5cm; 6 4/8"



OLIVECRONA



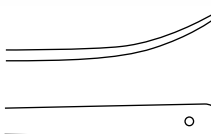
243-234-18

18,0cm; 7 1/8"

243-234-24

24,0cm; 9 4/8"

OLIVECRONA



243-235-19

19,5cm; 7 5/8"

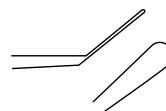
243-235-24

24,0cm; 9 4/8"

243

Duradissektoren
Dura dissectors
Disecadores para duramadre

Art.Nr.	Beschreibung Description	Size	Spez.
243-236-21	MILLIGAN	21,0cm; 8 4/8"	



243-237-22		22,0cm; 8 5/8"	
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243-238-01	TOENNIS	24,0cm; 9 4/8"	
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243-239-24	DAVIS	24,5cm; 9 5/8"	
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Duradissektoren
 Dura dissectors
 Disecadores para duramadre



Art.Nr.	Beschreibung Description	Size	Spez.
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PENFIELD

243-240-01	Fig. 1 17,5cm; 6 7/8"		
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243-240-02	Fig. 2 19,5cm; 7 5/8"		
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243-240-03	Fig. 3 19,5cm; 7 5/8"		
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243-240-04	Fig. 4 20,5cm; 8 1/8"		
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243-240-05	Fig. 5 18,5cm; 7 2/8"		
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243

Laminektomie-Wundspreizer
 Laminectomy Rongeurs
 Separadores para laminectomía

Art.Nr. Beschreibung | Description Size Spez.

CASPAR

SET




243-350-00 Wundspreizer, bestehend aus:
 243-350-01 1 Rahmen
 243-350-10 1 Drehschlüssel
 243-351-38 1 Haken 38 mm
 243-352-37 1 Seitenvalven 37 x 22 mm
 243-352-43 1 Seitenvalven 43 x 22 mm
 243-352-47 1 Seitenvalven 47 x 22 mm
 243-352-52 1 Seitenvalven 52 x 22 mm
 243-352-57 1 Seitenvalven 57 x 22 mm

243-350-00 Separadores, compuesto de:
 243-350-01 1 cuadro
 243-350-10 1 llave
 243-351-38 1 ganchos 38 mm
 243-352-37 1 valvas laterales 37 x 22 mm
 243-352-43 1 valvas laterales 43 x 22 mm
 243-352-47 1 valvas laterales 47 x 22 mm
 243-352-52 1 valvas laterales 52 x 22 mm
 243-352-57 1 valvas laterales 57 x 22 mm



243-350-00 Wound Spreaders, consisting of:
 243-350-01 1 frame
 243-350-10 1 key
 243-351-38 1 hooks 38 mm
 243-352-37 1 lateral blades 37 x 22 mm
 243-352-43 1 lateral blades 43 x 22 mm
 243-352-47 1 lateral blades 47 x 22 mm
 243-352-52 1 lateral blades 52 x 22 mm
 243-352-57 1 lateral blades 57 x 22 mm

Laminektomie-Wundspreizer
 Laminectomy Rongeurs
 Separadores para laminectomía



Art.Nr.	Beschreibung Description	Size	Spez.
243-350-10	Drehschlüssel key llave		

CASPAR Haken
 hooks
 ganchos

243-351-38	38,0 mm		
243-351-58	58,0 mm		

243

Laminektomie-Wundspreizer
 Laminectomy Rongeurs
 Separadores para laminectomía

Art.Nr. Beschreibung | Description Size Spez.

CASPAR

- 243-352-32 32 x 22 mm
- 243-352-37 37 x 22 mm
- 243-352-43 43 x 22 mm
- 243-352-47 47 x 22 mm
- 243-352-52 52 x 22 mm
- 243-352-57 57 x 22 mm
- 243-352-62 62 x 22 mm
- 243-352-67 67 x 22 mm



CASPAR

- 243-353-32 32 x 37 mm
- 243-353-37 37 x 37 mm
- 243-353-43 43 x 37 mm
- 243-353-47 47 x 37 mm
- 243-353-52 52 x 37 mm
- 243-353-62 62 x 37 mm
- 243-353-67 67 x 37 mm



CASPAR

- 243-354-32 32 x 52 mm
- 243-354-37 37 x 52 mm
- 243-354-43 43 x 52 mm
- 243-354-47 47 x 52 mm
- 243-354-52 52 x 52 mm
- 243-354-62 62 x 52 mm
- 243-354-67 67 x 52 mm



Cervicalspreizer
Cervical Retractor
Separador cervical



Art.Nr. Beschreibung | Description Size Spez.

CASPAR

SET



243-360-00 Wundspreizer, bestehend aus:
243-360-01 1 Rahmen
243-361-40 1 Valve medial 40 x 23 mm
243-361-45 1 Valve medial 45 x 23 mm
243-361-50 1 Valve medial 50 x 23 mm
243-361-55 1 Valve medial 55 x 23 mm
243-361-60 1 Valve medial 60 x 23 mm
243-363-40 1 Valve lateral 40 x 23 mm
243-363-45 1 Valve lateral 45 x 23 mm
243-363-50 1 Valve lateral 50 x 23 mm
243-363-55 1 Valve lateral 55 x 23 mm
243-363-60 1 Valve lateral 60 x 23 mm

243-360-00 Separadores, compuesto de:
243-360-01 1 cuadro
243-361-40 1 valva medial 40 x 23 mm
243-361-45 1 valva medial 45 x 23 mm
243-361-50 1 valva medial 50 x 23 mm
243-361-55 1 valva medial 55 x 23 mm
243-361-60 1 valva medial 60 x 23 mm
243-363-40 1 valva lateral 40 x 23 mm
243-363-45 1 valva lateral 45 x 23 mm
243-363-50 1 valva lateral 50 x 23 mm
243-363-55 1 valva lateral 55 x 23 mm
243-363-60 1 valva lateral 60 x 23 mm

243-360-00 Wound Spreaders, consisting of:
243-360-01 1 frame
243-361-40 1 valve medial 40 x 23 mm
243-361-45 1 valve medial 45 x 23 mm
243-361-50 1 valve medial 50 x 23 mm
243-361-55 1 valve medial 55 x 23 mm
243-361-60 1 valve medial 60 x 23 mm
243-363-40 1 valve lateral 40 x 23 mm
243-363-45 1 valve lateral 45 x 23 mm
243-363-50 1 valve lateral 50 x 23 mm
243-363-55 1 valve lateral 55 x 23 mm
243-363-60 1 valve lateral 60 x 23 mm

243

Cervicalspreizer
 Cervical Retractor
 Separador cervical

Art.Nr.	Beschreibung Description	Size	Spez.
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CASPAR
 medial | medial | medial

- 243-361-40 40 x 23 mm
- 243-361-45 45 x 23 mm
- 243-361-50 50 x 23 mm
- 243-361-55 55 x 23 mm
- 243-361-60 60 x 23 mm



CASPAR
 lateral | lateral | lateral

- 243-363-40 40 x 23 mm
- 243-363-45 45 x 23 mm
- 243-363-50 50 x 23 mm
- 243-363-55 55 x 23 mm
- 243-363-60 60 x 23 mm



CASPAR
 stumpf | blunt | romo

- 243-365-40 40 x 23 mm
- 243-365-45 45 x 23 mm
- 243-365-50 50 x 23 mm
- 243-365-55 55 x 23 mm
- 243-365-60 60 x 23 mm
- 243-365-65 65 x 23 mm



CASPAR
 stumpf | blunt | romo

- 243-367-50 50 x 25 mm
- 243-367-60 60 x 25 mm



Cervicalspreizer
 Cervical Retractor
 Separador cervical



Art.Nr.	Beschreibung Description	Size	Spez.
243-368-12	Pinzette zum Valvenwechseln forceps for changing blades pinza para cambiar las valvas	11,5cm; 4 1/2"	



CASPAR

SET



243-370-00	bestehend aus:	243-370-00	compuesto de:
243-370-01	1 Sperrer	243-370-01	1 separador
243-365-45	1 Valve stumpf 45 x 23 mm	243-365-45	1 valva romo 45 x 23 mm
243-365-50	1 Valve stumpf 50 x 23 mm	243-365-50	1 valva romo 50 x 23 mm
243-365-55	1 Valve stumpf 55 x 23 mm	243-365-55	1 valva romo 55 x 23 mm
243-365-60	1 Valve stumpf 60 x 23 mm	243-365-60	1 valva romo 60 x 23 mm
243-365-65	1 Valve stumpf 65 x 23 mm	243-365-65	1 valva romo 65 x 23 mm

243-370-00	consisting of:
243-370-01	1 spreader
243-365-45	1 valve blunt 45 x 23 mm
243-365-50	1 valve blunt 50 x 23 mm
243-365-55	1 valve blunt 55 x 23 mm
243-365-60	1 valve blunt 60 x 23 mm
243-365-65	1 valve blunt 65 x 23 mm

243

Cervicalspreizer
 Cervical Retractor
 Separador cervical

Art.Nr.	Beschreibung Description	Size	Spez.
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CASPAR

SET



243-380-00 bestehend aus:
 243-380-01 1 Sperrer
 243-365-45 1 Valve stumpf 45 x 23 mm
 243-365-50 1 Valve stumpf 50 x 23 mm
 243-365-55 1 Valve stumpf 55 x 23 mm
 243-365-60 1 Valve stumpf 60 x 23 mm
 243-365-65 1 Valve stumpf 65 x 23 mm

243-380-00 compuesto de:
 243-380-01 1 separador
 243-365-45 1 valva romo 45 x 23 mm
 243-365-50 1 valva romo 50 x 23 mm
 243-365-55 1 valva romo 55 x 23 mm
 243-365-60 1 valva romo 60 x 23 mm
 243-365-65 1 valva romo 65 x 23 mm

243-370-00 consisting of:
 243-370-01 1 spreader
 243-365-45 1 valve blunt 45 x 23 mm
 243-365-50 1 valve blunt 50 x 23 mm
 243-365-55 1 valve blunt 55 x 23 mm
 243-365-60 1 valve blunt 60 x 23 mm
 243-365-65 1 valve blunt 65 x 23 mm

Lumbalwundspreizer
 Lumbal Retractors
 Separadores lumbales autoestáticos



Art.Nr.	Beschreibung Description	Size	Spez.
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CASPAR



243-390-40	40,0 mm		
243-390-45	45,0 mm		
243-390-50	50,0 mm		
243-390-55	55,0 mm		
243-390-60	60,0 mm		

243

Lumbalwundspreizer
 Lumbal Retractors
 Separadores lumbales autoestáticos

Art.Nr. Beschreibung | Description Size Spez.

CASPAR



SET

243-410-00	bestehend aus:	243-410-00	Separadores, compuesto de:
243-410-01	1 Rahmen	243-410-01	1 cuadro
243-413-35	1 Seitenvlve 35 x 12 mm	243-413-35	1 valvas laterales 35 x 12 mm
243-413-40	1 Seitenvlve 40 x 13 mm	243-413-40	1 valvas laterales 40 x 13 mm
243-413-45	1 Seitenvlve 45 x 13 mm	243-413-45	1 valvas laterales 45 x 13 mm
243-413-50	1 Seitenvlve 50 x 14 mm	243-413-50	1 valvas laterales 50 x 14 mm
243-413-55	1 Seitenvlve 55 x 14 mm	243-413-55	1 valvas laterales 55 x 14 mm
243-413-60	1 Seitenvlve 60 x 15 mm	243-413-60	1 valvas laterales 60 x 15 mm

243-410-00	consisting of:
243-410-01	1 frame
243-413-35	1 lateral blades 35 x 12 mm
243-413-40	1 lateral blades 40 x 13 mm
243-413-45	1 lateral blades 45 x 13 mm
243-413-50	1 lateral blades 50 x 14 mm
243-413-55	1 lateral blades 55 x 14 mm
243-413-60	1 lateral blades 60 x 15 mm

Lumbalwundspreizer
 Lumbal Retractors
 Separadores lumbales autoestáticos



Art.Nr.	Beschreibung Description	Size	Spez.
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CASPAR

lateral | lateral | lateral

- 243-413-35 35 x 12 mm
- 243-413-40 40 x 13 mm
- 243-413-45 45 x 13 mm
- 243-413-50 50 x 14 mm
- 243-413-55 55 x 14mm
- 243-413-60 60 x 15mm



CASPAR

medial | medial | medial

- 243-414-35 35 x 12 mm
- 243-414-40 40 x 13 mm
- 243-414-45 45 x 13 mm
- 243-414-50 50 x 14 mm
- 243-414-55 55 x 14mm
- 243-414-60 60 x 15mm



243

Lumbalwundspreizer
 Lumbal Retractors
 Separadores lumbales autoestáticos

Art.Nr.	Beschreibung Description	Size	Spez.
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SCOVILLE

SET



243-415-00 Wundspreizer, bestehend aus:
 243-415-01 1 Rahmen
 243-421-50 1 Haken 50 mm
 243-423-01 1 Seitenvalven 63 x 25 mm

243-415-00 Separadores, compuesto de:
 243-415-01 1 cuadro
 243-421-50 1 ganchos 50 mm
 243-423-01 1 valvas laterales 63 x 25 mm

243-350-00 Wound Spreaders, consisting of:
 243-415-01 1 frame
 243-421-50 1 hooks 50 mm
 243-423-01 1 lateral blades 63 x 25 mm

Laminektomie-Wundspreizer
Laminectomy Rongeurs
Separadores para laminectomía



Art.Nr. Beschreibung | Description Size Spez.

SCOVILLE-HAVERFIELD mit Gelenkarmen
with articulated arms
con brazos articulados

SET



243-420-00 Wundspreizer, bestehend aus:
243-420-01 1 Rahmen
243-421-50 1 Haken 50 mm
243-423-01 1 Seitenvalven 63 x 25 mm

243-420-00 Separadores, compuesto de:
243-420-01 1 cuadro
243-421-50 1 ganchos 50 mm
243-423-01 1 valvas laterales 63 x 25 mm

243-350-00 Wound Spreaders, consisting of:
243-420-01 1 frame
243-421-50 1 hooks 50 mm
243-423-01 1 lateral blades 63 x 25 mm

SCOVILLE

243-421-50 50,0 mm

243-421-75 75,0 mm







SCOVILLE

243-422-50 50,0 mm

243-422-75 75,0 mm



Laminektomie-Wundspreizer
 Laminectomy Rongeurs
 Separadores para laminectomía

Art.Nr.	Beschreibung Description	Size	Spez.
SCOVILLE			
243-423-01	63 x 25 mm		
243-423-02	63 x 51 mm		
243-423-03	67 x 32 mm		
TAYLOR			
243-425-03	47 x 37 mm		
243-425-04	63 x 51 mm		
243-427-01	48 x 50 mm		
243-427-03	64 x 63 mm		
243-427-04	80 x 57 mm		
243-450-00	BADGLEY	52 x 44 mm	

Cervicalspreizer
Cervical Retractor
Separador cervical

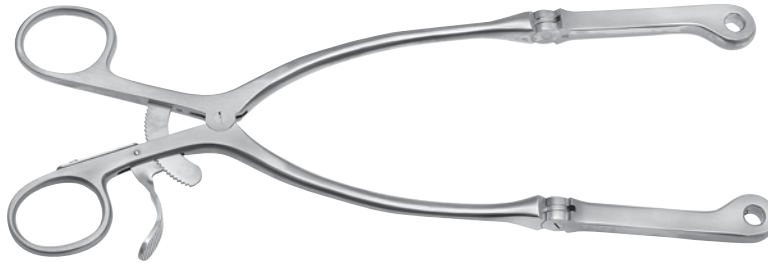


Art.Nr.	Beschreibung Description	Size	Spez.
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CLOWARD

25,0cm; 10"

SET



243-460-00 Wundspreizer bestehend aus:
 243-460-01 1 Sperrer
 243-461-40 1 gezahnte Seitenvalse 40 x 15 - 23 mm
 243-461-45 1 gezahnte Seitenvalse 45 x 15 - 23 mm
 243-461-50 1 gezahnte Seitenvalse 50 x 15 - 23 mm
 243-461-55 1 gezahnte Seitenvalse 55 x 15 - 23 mm
 243-461-60 1 gezahnte Seitenvalse 60 x 15 - 23 mm

243-460-00 Separador, compuesto de:
 243-460-01 1 separador
 243-461-40 1 valva lateral, dentada, 40 x 15 - 23 mm
 243-461-45 1 valva lateral, dentada, 45 x 15 - 23 mm
 243-461-50 1 valva lateral, dentada, 50 x 15 - 23 mm
 243-461-55 1 valva lateral, dentada, 55 x 15 - 23 mm
 243-461-60 1 valva lateral, dentada, 60 x 15 - 23 mm

243-460-00 self-retaining retractor, consisting of:
 243-460-01 1 spreader
 243-461-40 1 lateral valve, serrated, 40 x 15 - 23 mm
 243-461-45 1 lateral valve, serrated, 45 x 15 - 23 mm
 243-461-50 1 lateral valve, serrated, 50 x 15 - 23 mm
 243-461-55 1 lateral valve, serrated, 55 x 15 - 23 mm
 243-461-60 1 lateral valve, serrated, 60 x 15 - 23 mm

243-461-40 40 x 15 - 23 mm



243-461-55 55 x 15 - 23 mm



243-461-45 45 x 15 - 23 mm



243-461-60 60 x 15 - 23 mm



243-461-50 50 x 15 - 23 mm



Cervicalspreizer
Cervical Retractor
Separador cervical

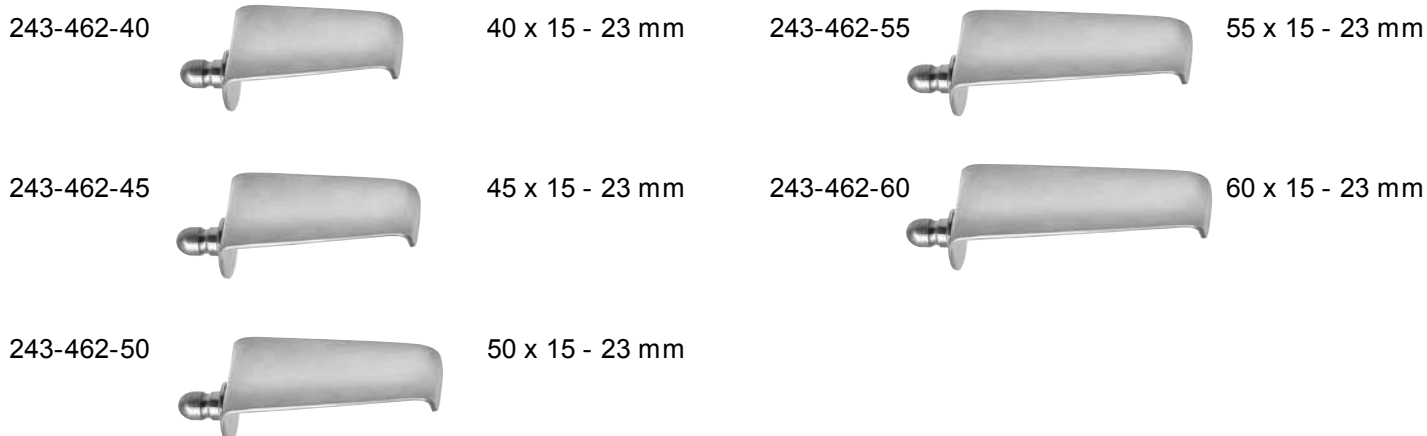
Art.Nr.	Beschreibung Description	Size	Spez.
	CLOWARD	13,0cm; 5 1/8"	SET



- 243-465-00 Wundspreizer, bestehend aus:
 243-465-01 1 Sperrer
 243-462-40 1 stumpfe Seitenvalve 40 x 15 - 23 mm
 243-462-45 1 stumpfe Seitenvalve 45 x 15 - 23 mm
 243-462-50 1 stumpfe Seitenvalve 50 x 15 - 23 mm
 243-462-55 1 stumpfe Seitenvalve 55 x 15 - 23 mm
 243-462-60 1 stumpfe Seitenvalve 60 x 15 - 23 mm

- 243-465-00 Separador, compuesto de:
 243-465-01 1 separador
 243-462-40 1 valva lateral, roma, 40 x 15 - 23 mm
 243-462-45 1 valva lateral, roma, 45 x 15 - 23 mm
 243-462-50 1 valva lateral, roma, 50 x 15 - 23 mm
 243-462-55 1 valva lateral, roma, 55 x 15 - 23 mm
 243-462-60 1 valva lateral, roma, 60 x 15 - 23 mm

- 243-465-00 Self-retaining retractor, consisting of:
 243-465-01 1 spreader
 243-462-40 1 lateral valve, blunt, 40 x 15 - 23 mm
 243-462-45 1 lateral valve, blunt, 45 x 15 - 23 mm
 243-462-50 1 lateral valve, blunt, 50 x 15 - 23 mm
 243-462-55 1 lateral valve, blunt, 55 x 15 - 23 mm
 243-462-60 1 lateral valve, blunt, 60 x 15 - 23 mm



Wirbelkörperspreizer
 Lamina spreaders
 Separadores cuerpos vertebrales



Art.Nr.	Beschreibung Description	Size	Spez.
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243-473-13	CLOWARD Spreizweite 18 mm spreading 18 mm extensión 18 mm	13,0cm; 5 1/8"	
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243-482-16	CLOWARD Spreizweite 18 mm spreading 18 mm extensión 18 mm	16,0cm; 6 2/8"	
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243-497-17	INGE Spreizweite 35 mm spreading 35 mm extensión 35 mm	16,0cm; 6 2/8"	
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243-498-27	INGE Spreizweite 70 mm spreading 70 mm extensión 70 mm	25,5cm; 10"	
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243

Mikro-Pinzetten; Tumorfaßpinzetten
 Micro forceps; Tumor grasping forceps
 Micro Pinzas; Pinzas para agarrar tumores

Art.Nr.	Beschreibung Description	Size	Spez.
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YASARGIL




243-510-18	0,6mm	18,0cm; 7 1/8"	
243-510-20	0,6mm	20,0cm; 7 7/8"	
243-510-22	0,6mm	22,0cm; 8 5/8"	
243-510-24	0,6mm	24,0cm; 9 4/8"	



243-512-18	0,9mm	18,0cm; 7 1/8"	
243-512-20	0,9mm	20,0cm; 7 7/8"	
243-512-22	0,9mm	22,0cm; 8 5/8"	
243-512-24	0,9mm	24,0cm; 9 4/8"	




243-515-18	 1x2	18,0cm; 7 1/8"	
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YASARGIL

22,0cm; 8 5/8"

243-520-03	Ø 3,0mm	
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243-520-05	Ø 5,0mm	
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YASARGIL-SAMII

24,0cm; 9 4/8"

243-522-03	Ø 3,0mm	
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243-522-05	Ø 5,0mm	
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243-522-07	Ø 7,0mm	
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Tumorfaßpinzetten
 Tumor grasping forceps
 Pinzas para agarrar tumores



Art.Nr.	Beschreibung Description	Size	Spez.
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YASARGIL

22,0cm; 8 5/8"

243-524-03	Ø 3,0mm	
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243-524-05	Ø 5,0mm	
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YASARGIL-SAMII

22,0cm; 8 5/8"

243-526-03	Ø 3,0mm	
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243-526-05	Ø 5,0mm	
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SAMII

23,0cm; 9"



243-527-03	Ø 3,0mm	
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243-529-03	Ø 3,0mm	
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243-527-04	Ø 4,0mm	
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243-529-04	Ø 4,0mm	
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243-527-05	Ø 5,0mm	
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243-529-05	Ø 5,0mm	
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243

Mikro-Knüpfpinzetten
 Micro suture tying forceps
 Micro Pinza para enlazar

Art.Nr.	Beschreibung Description	Size	Spez.
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18,5cm; 7 2/8"



243-516-03	0,3mm	
243-516-06	0,6mm	
243-517-06	0,6mm	



243-550-12	0,3mm	12,0cm; 4 6/8"		
243-550-15	0,3mm	15,0cm; 5 7/8"		
243-550-18	0,3mm	18,0cm; 7 1/8"		
243-550-21	0,3mm	21,0cm; 8 2/8"		
243-551-12	0,3mm	12,0cm; 4 6/8"		
243-551-15	0,3mm	15,0cm; 5 7/8"		
243-551-18	0,3mm	18,0cm; 7 1/8"		
243-551-21	0,3mm	21,0cm; 8 2/8"		
243-560-12	0,3mm	12,0cm; 4 6/8"		1x2
243-560-15	0,3mm	15,0cm; 5 7/8"		
243-560-18	0,3mm	18,0cm; 7 1/8"		
243-561-12	0,3mm	12,0cm; 4,8"		1x2
243-561-15	0,3mm	15,0cm; 5 7/8"		
243-561-18	0,3mm	18,0cm; 7 1/8"		

Mikro-Knüpfpinzetten
 Micro suture tying forceps
 Micro Pinza para enlazar



Art.Nr.	Beschreibung Description	Size	Spez.
243-570-23		23,0cm; 9" 0,6mm	



AUSTIN



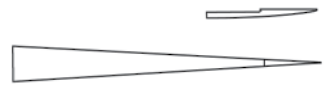
243-572-14	0,8mm	14,0cm; 5 4/8"
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243-572-18	0,8mm	18,0cm; 7 1/8"
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243-574-12		12,0cm; 4 6/8" 0,3mm
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243-576-13	VISE	13,5cm; 5 3/8" 0,3mm
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243

Mikro-Knüpfpinzetten
 Micro suture tying forceps
 Micro Pinza para enlazar

Art.Nr.	Beschreibung Description	Size	Spez.
243-577-13	VISE	13,5cm; 5 3/8 0,3mm	



LAZAR

15,5cm; 6 1/8"



243-578-05 0,5mm



243-578-08 0,8mm



243-580-18

18,5cm; 7 2/8"
0,5mm





Art.Nr.	Beschreibung Description	Size	Spez.
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23,0cm; 9"



243-620-01 halbscharf | semi-sharp | agudo



243-620-02 stumpf | blunt | romo



243-621-01



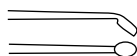
243-621-02



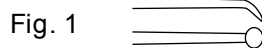
243-622-01



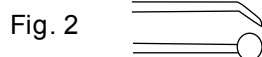
243-622-02



243-623-01



243-623-02



23,0cm; 9"



Dissektor | Dissector | Disecador

243-635-01

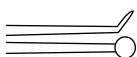


243-635-02



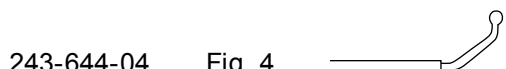
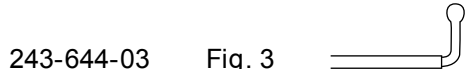
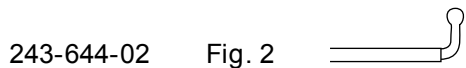
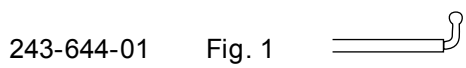
Raspatorium | Periosteal elevator | Legra

243-635-03



243


Art.Nr.	Beschreibung Description	Size	Spez.
	CASPAR Explorationshaken; isoliert exploration hook; insulated ganchos para exploración; aislados	25,0cm; 10"	




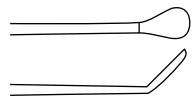



Art.Nr.	Beschreibung Description	Size	Spez.
	YASARGIL	18,5cm; 7 2/8"	




243-660-01 1,0 mm 

243-660-02 2,5 mm 

243-660-03 Ø 4,0 mm 

243-660-04 2,5 mm 

243-660-05 3,0 mm 

243

Art.Nr. Beschreibung | Description Size Spez.

YASARGIL

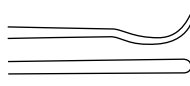
18,5cm; 7 2/8"



243-661-01



243-661-03



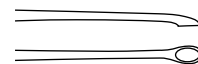
243-661-02



243-663-19

YASARGIL

18,5cm; 7 2/8"

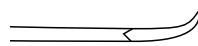


KOOS

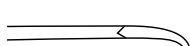
18,5cm; 7 2/8"



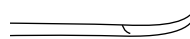
243-665-01



243-665-02



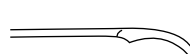
243-667-01



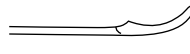
243-667-02



243-669-01



243-669-02

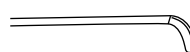


YASARGIL

18,5cm; 7 2/8"



243-673-01



243-673-02





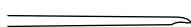
Art.Nr.	Beschreibung Description	Size	Spez.
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JACOBSON

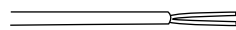
18,5cm; 7 2/8"



243-676-19



243-677-02



243-677-01



243-679-18



YASARGIL Fadenführer; geknöpft
 ligature guide and carrier; pointed
 guía-ligadura; abotonada

18,5cm; 7 2/8"



243-685-01

Fig. 1



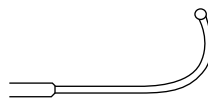
243-685-03

Fig. 3



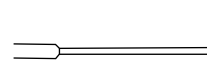
243-685-02

Fig. 2



243-685-04

Fig. 4



243-687-19


Gewebekralle
 Tissue claw
 Garra para el tejido

18,5cm; 7 2/8"
 Ø 1,5 mm



Art.Nr.	Beschreibung Description	Size	Spez.
243-730-22	YASARGIL	19,0cm; 7 4/8"	



 Ø 2,2 mm

CASPAR

25,0cm; 9 7/8"



243-800-04

4,0 mm



243-800-05

5,0 mm

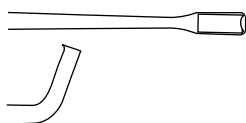


CASPAR



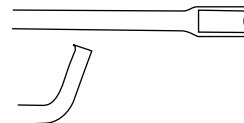
243-801-03

3,0 mm



243-801-04

4,0 mm



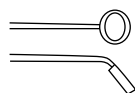


Art.Nr.	Beschreibung Description	Size	Spez.
	RAY	18,5cm; 7 2/8"	



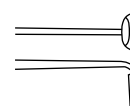
243-810-04

Ø 4,0 mm
45°



243-812-04

Ø 4,0 mm
90°



243-813-04

Ø 4,0 mm
45°



HARDY

18,5cm; 7 2/8"



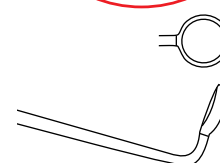
243-818-04

Ø 4,0 mm
90°



243-818-06

Ø 6,0 mm
90°



Art.Nr.	Beschreibung Description	Size	Spez.
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24,5cm; 9 5/8"



HARDY

243-830-01 stumpf | blunt | romo



243-830-02 stumpf | blunt | romo



243-832-01 scharf | sharp | agudo



243-832-02 scharf | sharp | agudo



HARDY-FAHLBUSCH

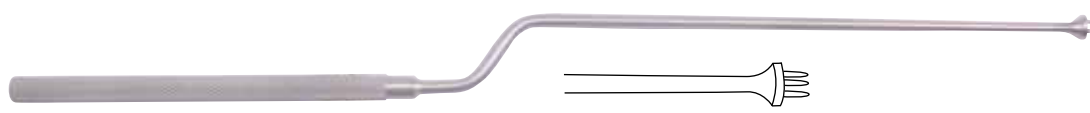
243-840-01 scharf | sharp | agudo



243-840-02 scharf | sharp | agudo



243-836-24 HARDY



Clips und Anlegezangen
 Clips and applying forceps
 Grapas y pinzas aplicadoras



Art.Nr. Beschreibung | Description Size Spez.

MC KENZIE
 Klammeranlegezange
 clip applying forceps
 pinza para poner grapas

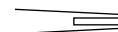


244-161-15 15,0cm; 5 7/8"

244-161-19 19,0cm; 7 4/8"



244-166-14 OLIVECRONA-TOENNIS Klammeranlegezange
 clip applying forceps
 pinza para poner grapas 14,0cm; 5 4/8"



243

244-180-16 RANEY Anlege- und Abnehmzange
 applying/removal forceps
 pinza para aplicar y quitar agrafes 15,5cm; 6"



Galea Haken
Galea hooks
Galea ganchos

Art.Nr.	Beschreibung Description	Size	Spez.
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YASARGIL



244-185-31	7,0 mm	30,0cm; 11 6/8"
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244-185-41	9,0 mm	41,0cm; 16 1/8"
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Anlegezangen für Gefäßclips
 Applying forceps for vessel clips
 Pinzas para aplicar clips vasculares

Art.Nr. Beschreibung | Description Size Spez.

YASARGIL



	Maul starr rigid jaw boca rigida
	18,0cm; 7"
MINI	244-610-18
STANDARD	244-600-18

YASARGIL



	Maul starr rigid jaw boca rigida		
	17,0cm; 6 3/4"	21,0cm; 8 1/4"	23,0cm; 9"
MINI	244-611-17	244-611-21	244-611-23
STANDARD	244-601-17	244-601-21	244-601-23

	Maul drehbar rotatable jaw boca con acogida giratoria	
	21,0cm; 8 1/4"	23,0cm; 9"
MINI	244-613-21	244-613-23
STANDARD	244-603-21	244-603-23

Anlegezangen für Gefäßclips
 Applying forceps for vessel clips
 Pinzas para aplicar clips vasculares



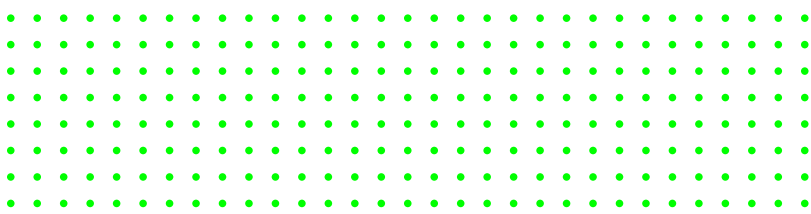
Art.Nr.	Beschreibung Description	Size	Spez.
	YASARGIL		



		Maul drehbar rotatable jaw boca con acogida giratoria		
		7,0cm; 2 3/4"	9,0cm; 3 1/2"	11,0cm; 4 1/3"
MINI	244-677-07	244-677-09	244-677-11	
	244-677-07T Ti	244-677-09T Ti	244-677-11T Ti	
STANDARD	244-637-07	244-637-09	244-637-11	
	244-637-07T Ti	244-637-09T Ti	244-637-11T Ti	

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Anlegezangen für Gefäßclips; Schaft drehbar
 Applying forceps for vessel clips; shaft rotatable
 Pinzas para aplicar clips vasculares; vástago girato



Art.Nr. Beschreibung | Description Size Spez.

YASARGIL



		Maul starr rigid jaw boca rigida			
		7,0cm; 2 3/4"	9,0cm; 3 1/2"	11,0cm; 4 1/3"	13,0cm; 5 1/8"
MINI		244-680-07	244-680-09	244-680-11	244-680-13
		244-680-07T Ti	244-680-09T Ti	244-680-11T Ti	244-680-13T Ti
STANDARD		244-640-07	244-640-09	244-640-11	244-640-13
		244-640-07T Ti	244-640-09T Ti	244-640-11T Ti	244-640-13T Ti

		Maul drehbar rotatable jaw boca con acogida giratoria			
		7,0cm; 2 3/4"	9,0cm; 3 1/2"	11,0cm; 4 1/3"	13,0cm; 5 1/8"
MINI		244-682-07	244-682-09	244-682-11	244-682-13
		244-682-07T Ti	244-682-09T Ti	244-682-11T Ti	244-682-13T
STANDARD		244-642-07	244-642-09	244-642-11	244-642-13
		244-642-07T Ti	244-642-09T Ti	244-642-11T Ti	244-642-13T

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
243-007-00	handle for wire saws		
	GIGLI wire saw; price per piece		
243-015-30		30,0cm; 12"	
243-015-40		40,0cm; 16"	
243-015-50		50,0cm; 20"	
243-015-60		60,0cm; 24"	
243-015-70		70,0cm; 28"	
243-040-21	DE VILBISS carnial rongeur; forceps only	21,0cm; 8,4"	
243-073-00	LEYLA brain retractor		
243-073-30	coupling head for; LEYLA brain retractor		
243-073-35	coupling head for LEYLA brain retractor; laterally open		
	brain spatulas	18,0cm; 7,2"	
243-142-01	malleable; 7+9mm		
243-142-02	malleable; 11+13mm		
243-142-03	malleable; 15+18mm		
243-142-04	malleable; 18+22mm		
	AACHEN brain spatulas	20,0cm; 8"	
243-151-08	malleable; 7+8mm		
243-151-11	malleable; 10+11mm		
243-151-14	malleable; 13+14mm		
243-151-17	malleable; 16+17mm		
243-151-20	malleable; 19+20mm		
243-151-25	malleable; 22+25mm		
	HOLSHER nerve root retractors	24,0cm; 9,6"	
243-203-09	curved; 9mm		
243-203-13	curved; 13mm		
	LOVE modif. nerve root retractors	7,0cm; 2,8"	
243-209-03	3,0mm		
243-209-05	5,0mm		
243-209-07	7,0mm		
	LOVE modif. nerve root retractors	10,0cm; 4"	
243-211-03	3,0mm		
243-211-05	5,0mm		
243-211-07	7,0mm		
243-215-21	MARTIN nerve root retractors	21,0cm; 9"	
	HOEN dura dissectors	15,0cm; 6"	
243-233-01			
243-233-02			

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
243-262-13	TOENNIS dura knife; pointed	13,0cm; 5,2"	
	disectomy retractor	17,0cm; 6,8"	
243-315-51	left; 50x10mm		
243-315-52	left; 50x20mm		
243-315-61	left; 60x10mm		
243-315-62	left; 60x20mm		
243-315-71	left; 70x10mm		
243-315-72	left; 70x20mm		
243-316-51	right; 50x10mm		
243-316-52	right; 50x20mm		
243-316-61	right; 60x10mm		
243-316-62	right; 60x20mm		
243-316-71	right; 70x10mm		
243-316-72	right; 70x20mm		
243-320-00	HEY disectomy retractor complete		
243-320-01	only		
	HEY cervical awl		
243-321-37	37mm		
243-321-53	53mm		
243-321-62	62mm		
	HEY blade		
243-323-50	sharp; 20x50mm		
243-323-60	sharp; 20x60mm		
243-323-70	sharp; 20x70mm		
243-325-50	blunt; 20x50mm		
243-325-60	blunt; 20x60mm		
243-325-70	blunt; 20x70mm		
243-351-48	CASPAR hooks; 48,0mm; for wound spreader		
	CASPAR blade		
243-353-57	57x37mm; 3 teeth		
243-354-57	57x52mm; 4 teeth		
243-354-80	80x52mm; 4 teeth		
243-360-02	CASPAR retractor; with 2 blades		
243-360-99	CASPAR Retractor Set complete		
	CASPAR blade		
243-361-65	medial; 65x25mm		
243-361-75	medial; 75x25mm		
243-361-85	medial; 85x25mm		
243-363-65	lateral; 65x25mm		
243-363-75	lateral; 75x25mm		

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
243-363-85	CASPAR blade lateral; 85x25mm		
243-380-02	CLOWARD lamina spreader		
243-385-12	CASPAR Distraction screw 12mm		
243-385-14	14mm		
243-385-16	CASPAR Distraction screw 16mm		
243-385-18	18mm		
243-385-90	CAPAR Twist drill, 1,7mm; Drilling depth 8mm, 2,35mm		
243-385-95	screw driver; for distraction screw	20,0cm; 8"	
243-390-65	CASPAR wound spreader 65mm		
243-390-70	70mm		
243-390-75	75mm		
243-390-85	80mm		
243-413-65	CASPAR blade lateral, black-coated; 65mm		
243-413-75	lateral, black-coated; 75mm		
243-413-85	lateral, black-coated; 85mm		
243-414-65	medial, black coated; 65mm		
243-414-70	medial, black coated; 70mm		
243-421-70	SCOVILLE hook blunt; 70mm		
243-422-70	70mm		
243-423-04	SCOVILLE blade; 89x25 mm		
243-430-00	SCOVILLE-RICHTER wound spreader complete		
243-430-01	only		
243-432-02	SCOVILLE-RICHTER blade; 1 pair 62x52mm		
243-433-01	47x51mm		
243-433-02	30x40mm		
243-433-03	37x62mm		
243-470-30	CLOWARD lamina spreader 30mm		
243-470-50	50mm		
243-470-60	60mm		

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
	CLOWARD lamina spreader		
243-470-75	75mm		
243-470-90	90mm		
243-471-13	127mm		
243-475-09	9,0cm; 3,6"		
243-475-11	11,0cm; 4,4"		
243-479-21	7x110mm		
	HARMS lamina spreader		
243-490-01	right		
243-490-02	left		
	INGE lamina spreader		
243-499-17	special pattern; 38mm opening	16,5cm; 6,6"	
243-499-27	screw lock instead of ratchet	27,0cm; 10,8"	
243-500-16	BADGLEY lamina speader; opening 165mm		
243-585-20	HUNT tumor grasping forceps; angled; toothed; Ø 5,0mm	20,0cm; 8"	
	RHOTON dissector	19,0cm; 7,6"	
243-610-01	round; 1mm		
243-610-02	round; 2mm		
243-610-03	round; 3mm		
243-610-04	round; 1mm; spatula shaped		
243-610-05	round; 1,5mm; spatula shaped		
243-610-06	round; 2mm; spatula shaped		
	RHOTON elevator	19,0cm; 7,6"	
243-610-07	1,2mm		
243-610-08	2,8mm		
243-610-09	semi sharp		
243-610-10	90°; 2mm; blunt		
243-610-11	90°; 2mm; semi sharp		
243-610-12	45°; 3mm; semi sharp		
243-610-13	angled		
	RHOTON curette	19,0cm; 7,6"	
243-610-14	ova; 1x2mm		
243-610-15	oval; 45°; 1x2mm		
	CASPAR micro instrument		
243-632-01		23,0cm; 9,2"	
243-632-02		23,0cm; 9,2"	
243-637-01		21,0cm; 8,4"	
243-637-02		21,0cm; 8,4"	
	micro instrument		
243-641-19	18,5cm; 7,4"		
243-641-21	21,5cm; 8,6"		

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
243-649-10 243-649-15 243-649-20 243-649-25 243-649-30 243-649-35 243-649-40 243-649-50	SAMII micro instrument	20,0cm; 8"	
243-651-10	SAMII micro tumor knife; 1,0mm; 23,0cm	23,0cm; 9,2"	
243-651-15 243-651-20	SAMII micro instrument	23,0cm; 9,2"	
243-651-25	SAMII micro tumor knife; 2,5mm	23,0cm; 9,2"	
243-651-30	SAMII micro instrument	23,0cm; 9,2"	
243-651-35	SAMII micro tumor knife; 3,5mm	23,0cm; 9,2"	
243-651-40 243-651-50	SAMII micro instrument	23,0cm; 9,2"	
243-652-15 243-652-30 243-652-45 243-652-60	SAMII micro tumor knife 1,5mm 3,0mm 4,5mm 6,0mm	23,0cm; 9,2"	
243-671-19	KRAUS micro instrument; curved; bayonet	18,5cm; 7,4"	
243-680-23	CASPAR knot tier and ligature adjuster; bayonet shape	23,0cm; 9,2"	
243-682-03 243-682-04 243-682-05 243-682-08	OKONEK-YASARGIL micro instrument 3mm 4mm 5mm 8mm		
243-690-01 243-690-02 243-690-03	Vessel dilator Ø 1,5mm Ø 0,5mm Ø 1,0mm	12,5cm; 5"	
243-710-17	FAHLBUSCH micro instrument	16,5cm; 6,6"	
243-716-30	NIKOLA micro instrument; 30° upwards; 2mm; straight; oval tip;	20,0cm; 8"	

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
243-717-16	NIKOLA micro instrument curved right; 2mm; oval tip;	20,0cm; 8"	
243-719-16	curved left; 2mm; oval tip;		
243-726-30	30° upwards; 2mm; straight; round tip;		
243-727-16	curved right; 2mm; round tip;		
243-729-16	curved left; 2mm; round tip;		
243-730-35	YASARGIL hypophysectomy spoon cup fcps Ø 3,5mm	18,0cm; 7,2"	
243-730-35CC	Ø 3,5mm; ceramic coated		
243-736-21	LANDOLT pituitary instrument; 9mm	20,0cm; 8"	
243-740-18	OLDBERG hypophysectomy forceps; Ø 7mm	18,0cm; 7,2"	
243-750-03	micro instrument 3mm	14,0cm; 5,6"	
243-750-07	7mm		
243-750-09	9mm		
243-750-12	12mm		
243-752-03	micro instrument 3mm	18,0cm; 7,2"	
243-752-07	7mm		
243-752-09	9mm		
243-752-12	12mm		
243-804-04	CONE micro curette Ø 4,0mm; straight	23,0cm; 9,2"	
243-804-07	Ø 7,0mm; straight		
243-804-09	Ø 9,0mm; straight		
243-805-04	Ø 4,0mm; angled		
243-805-07	Ø 7,0mm; angled		
243-805-09	Ø 9,0mm; angled		
243-807-04	KRÄMER hypophysectomy ring curette Ø 4,0mm; bayonet shaped	25,0cm; 10"	
243-807-05	Ø 5,0mm; bayonet shaped		
243-807-06	Ø 6,0mm; bayonet shaped		
243-810-03	RAY pituitary instrument; 3,0mm; 45° sideways	18,0cm; 7,2"	
243-818-02	HARDY pituitary instrument; 2,0mm	26,0cm; 10,4"	
243-823-22	NICOLA hypophysectomy instrument curette; flexible; left side cut.; Ø6,5mm	22,0cm; 8,8"	
243-824-22	NICOLA pituitary instrument	21,5cm; 8,6"	
243-825-22			

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
243-826-22	NICOLA pituitary instrument	21,5cm; 8,6"	
243-844-01	LANDOLT pituitary instrument	26,0cm; 10,4"	
243-844-02	malleable; blunt; right		
243-845-26	malleable; blunt; right		
243-846-26	malleable		
243-847-26	malleable		
243-850-26	FAHLBUSCH pituitary instrument	26,0cm; 10,4"	
243-851-26	malleable		
	curette; malleable; Ø 2,5mm		
243-854-26	HOSOBUCHI pituitary instrument	26,0cm; 10,4"	
243-857-22	LANDOLT-REULEN pituitary instrument	26,0cm; 10,4"	
243-857-32	raspatory; rigid; Ø 2,2mm		
243-859-25	raspatory; rigid; Ø 3,2mm		
243-861-17	curette; rigid; Ø 2,5mm		
243-862-20	hook; rigid; blunt; Ø 1,7mm		
	2,0mm		
243-864-23	micro dissector; bayonet shaped; upwards curved	23,0cm; 9,2"	
243-870-03	HARDY pituitary curette	24,0cm; 9,6"	
243-870-05	bayonet shaped; straight; angled up; Ø 3,0mm		
243-871-03	bayonet shaped; straight; angled up; Ø 5,0mm		
243-871-05	bayonet shaped; straight; angled down; Ø 3,0mm		
243-871-05	bayonet shaped; straight; angled down; Ø 5,0mm		
243-873-03	bayonet shaped; straight; 90° left; Ø 3,0mm		
243-873-05	bayonet shaped; straight; 90° left; Ø 5,0mm		
243-875-03	bayonet shaped; straight; 45° right; Ø 3,0mm		
243-875-05	bayonet shaped; straight; 45° right; Ø 5,0mm		

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Art.Nr.	Beschreibung Description	Size	Spez.
Other items available but not illustrated			
	applying forceps		
244-140-01	for small clips	16,0cm; 6,4"	
244-140-02	for medium clips	16,0cm; 6,4"	
244-141-01	for medium-large clips	19,0cm; 7,6"	
244-142-01	for small clips	20,0cm; 8"	
244-142-02	for medium clips	20,0cm; 8"	
244-142-03	for large clip	20,0cm; 8"	
	Mc KENZIE clip applying forcep; straight		
244-160-15	15,0cm; 6"		
244-160-19	19,0cm; 7,6"		
	YASARGIL applying forceps; bayonet shaped for vessel clips; rotatable, jaws in titan		
244-603-23T			
244-613-23T			

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