



Cardio Surgical Ltd.

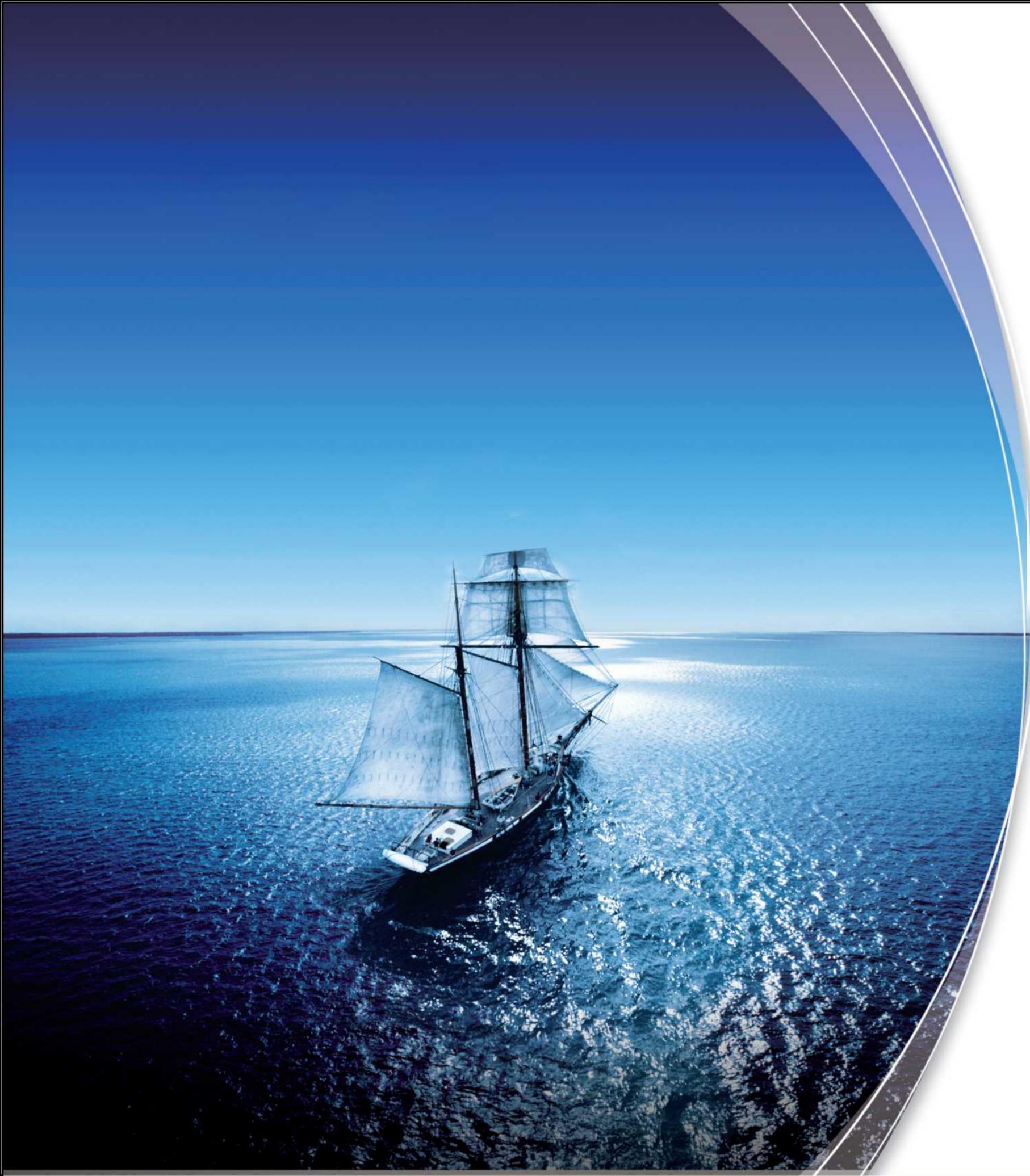
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Cardio  **Surgical**



All instruments are

MADE IN GERMANY

Comments

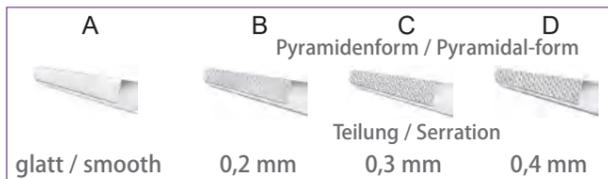
The instruments illustrated in this catalogue represent only a small number of the most usual instruments. On request we can produce several instruments of course. Please ask!



Tungsten Carbide Insert Jaws

This instruments have tungsten carbide inserts bonded to their jaws. The instruments feature a high stability and a long lasting. This insert ensure a secure grasping of needles.

The instruments are available with difference Tungsten Carbide Inserts (A - B - C - D).



Wolfram Carbide Tip Coating

The tips are with fines wolfram carbide dust particles coated. This feature a very fine grasping surface. This allows an atraumatic handling of delicate tissue, vessels and fine needles.



Ceramic Coating

Ceramic coated instruments are easy in handling and have a non-glare surface. They are resistant to wear and tear. The instruments non-rusting and non-corrosive surface is very long-lasting as well as temperature- and scratch-resistant.

Comments



Micro-/Delicate Needle Holders

The special Micro and Delicate size pattern are designed for the finest surgical needles in use.



Streamline

Instruments with rounded edges which do not catch the thread and allows surgeons to control even the fines suture without snagging.



Golf – the new designed Handle

The new, patented handle design Golf is characterized by the following features:

- Ergonomic
- Well balanced – sure and fine feeling in hand
- Easy to clean – no more dirt catching knurlings
- Sophisticated design



Special Design

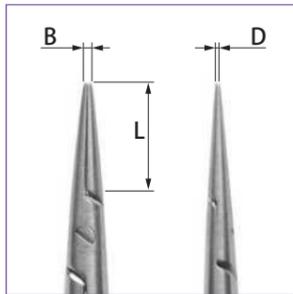
Special design and special length will be available on request.

Comments



Which Needle Holder for which Needle

Needle Holder	Needle size
0,5 mm	max. 9
1,0 mm	max. 7
1,5 mm	max. 6
2,0 mm	max. 5
2,5 mm	max. 3



Dimensions

The dimensions of the needle holders are indicated as follows:
Length × Thickness × Width = L × D × B

Example:

Jaws 12 mm length, 1,1 mm thick and 1,5 mm wide
= 12 × 1,1 × 1,5 mm

Instruments with Ceramic Coating

Ceramic coated instruments are easy in handling and have a non-glare surface. They are resistant to wear and tear. The instruments non-rusting and non-corrosive surface is very long-lasting as well as temperature and scratch-resistant.





with lock	8/0-9/0	
	Wolfram Carbide Tip Coating	
Dim.	12×0,4×1,1 mm	
		
15cm	NSD-960-15	NSD-965-15
18cm	NSD-960-18	NSD-965-18
21cm	NSD-960-21	NSD-965-21
23cm	NSD-960-23	NSD-965-23

with lock	7/0-9/0		6/0	
	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
Dim.	12×0,8×1,4 mm		12×1,3×2,0 mm	
				
15cm	NSD-910-15	NSD-915-15	NSD-930-15	NSD-935-15
18cm	NSD-910-18	NSD-915-18	NSD-930-18	NSD-935-18
21cm	NSD-910-21	NSD-915-21	NSD-930-21	NSD-935-21
23cm	NSD-910-23	NSD-915-23	NSD-930-23	NSD-935-23



with lock	8/0-9/0		7/0-9/0	
	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
Dim.	12×0,4×1,1 mm		12×0,8×1,4 mm	
				
18cm	NTD-1960-18	NTD-1965-18	NTD-1910-18	NTD-1915-18
21cm	NTD-1960-21	NTD-1965-21	NTD-1910-21	NTD-1915-21

with lock	6/0	
	Wolfram Carbide Tip Coating	
Dim.	12×1,3×2,0 mm	
		
18cm	NTD-1930-18	NTD-1935-18
21cm	NTD-1930-21	NTD-1935-21



with lock	2/0-3/0		3/0-4/0	
	Tungsten Carbide Insert Jaws		Wolfram Carbide Tip Coating	
Dim.	17×2,0×3,0 mm		17×2,0×3,0 mm	
19cm	NTM-606-19	NTM-607-19	NWM-806-19	NWM-808-19
23cm	NTM-606-23	NTM-607-23	NWM-806-23	NWM-808-23
25cm	NTM-606-25	NTM-607-25	NWM-806-25	NWM-808-25



with lock	4/0-5/0		3/0-4/0	
	Tungsten Carbide Insert Jaws		Wolfram Carbide Tip Coating	
Dim-	17×1,2×2,0 mm		17×2,0×3,0 mm	
19cm	NTS-506-19	NTS-507-19	NWS-306-19	NWS-307-19
23cm	NTS-506-23	NTS-507-23	NWS-306-23	NWS-307-23
26cm	NTS-506-26	NTS-507-26	NWS-306-26	NWS-307-26



with lock	8/0-9/0
	Wolfram Carbide Tip Coating
Dim.	12×0,4×1,1mm
15cm	NGD-960-15T
18cm	NGD-960-18T
21cm	NGD-960-21T
23cm	NGD-960-23T

with lock	6/0-7/0	5/0
	Wolfram Carbide Tip Coating	Wolfram Carbide Tip Coating
Dim.	12×0,8×1,4 mm	12×1,3×2,0 mm
18cm	NGD-910-18T	NGD-930-18T
21cm	NGD-910-21T	NGD-930-21T
23cm	NGD-910-23T	NGD-930-23T



with lock	4/0-5/0	3/0-4/0
	Tungsten Carbide Insert Jaws	Wolfram Carbide Tip Coating
Dim.	17×1,2×2,0 mm	17×2,0×3,0 mm
19cm	NGT-506-19T NGT-507-19T	NGW-306-19T NGW-307-19T
23cm	NGT-506-23T NGT-507-23T	NGW-306-23T NGW-307-23T
26cm	NGT-506-26T NGT-507-26T	NGW-306-26T NGW-307-26T



DELICATE with lock	6/0	7/0-9/0
	Wolfram Carbide Tip Coating	Wolfram Carbide Tip Coating
Dim.	12×1,3×2,0 mm	12×0,8×1,4 mm
18cm	NCG-930-18T	NCG-910-18T
21cm	NCG-930-21T	NCG-910-21T
23cm	NCG-930-23T	NCG-910-23T

- Ceramic Coating:
- High surface hardness
 - Long lasting cutting ability
 - Excellent sliding capacity
 - Non-dazzling surface



with lock	8/0-9/0	
	Wolfram Carbide Tip Coating	
Dim.	12×0,4×1,1 mm	
18cm	NTG-1960-18T	NTG-1965-18T
21cm	NTG-1960-21T	NTG-1965-21T

with lock	7/0-9/0	6/0	
	Wolfram Carbide Tip Coating	Wolfram Carbide Tip Coating	
Dim.	12×0,8×1,4 mm	12×1,3×2,0 mm	
18cm	NTG-1910-18T	NTG-1915-18T	NTG-1930-18T
21cm	NTG-1910-21T	NTG-1915-21T	NTG-1930-21T



Micro Scissors				
	Adventitia		Dissection	
Blade 9 mm				
12cm	SSD-804-12	SSD-809-12	SSD-894-12	SSD-899-12
15cm	SSD-804-15	SSD-809-15	SSD-894-15	SSD-899-15
18cm	SSD-804-18	SSD-809-18	SSD-894-18	SSD-899-18

Micro Scissors					
Blade side way angled					
	25°	45°	60°	90°	125°
Blade 7 mm					
16.5cm	SSD-506-16	SSD-507-16	SSD-508-16	SSD-509-16	SSD-510-16
Blade 8mm					
18cm	SSD-811-18	SSD-813-18	SSD-814-18	SSD-816-18	SSD-819-18

Further blade lengths available on request.



Micro Scissors					
Blade side way angled					
	25°	45°	60°	90°	125°
Blade 7 mm					
16.5cm	SSG-506-16T	SSG-507-16T	SSG-508-16T	SSG-509-16T	SSG-510-16T
18cm	SSG-931-18T	SSG-933-18T	SSG-934-18T	SSG-936-18T	SSG-939-18T
21cm	SSG-931-21T	SSG-933-21T	SSG-934-21T	SSG-936-21T	SSG-939-21T

Further blade lengths available on request.



Micro Scissors					
Blade side way angled					
	25°	45°	60°	90°	125°
Blade 7 mm					
16cm	SCG-506-16T	SCG-507-16T	SCG-508-16T	SCG-509-16T	SCG-510-16T
18cm	SCG-931-18T	SCG-933-18T	SCG-934-18T	SCG-936-18T	SCG-939-18T

- Ceramic Coating:
- High surface hardness
 - Long lasting cutting ability
 - Excellent sliding capacity
 - Non-dazzling surface

Further blade lengths available on request.



DIETHRICH
18cm / 7"

25°	45°	60°	90°	125°
CS7-1018-25	CS7-1018-45	CS7-1018-60	CS7-1018-90	CS7-1019-25

8mm



POTTS-SMITH
Vascular Scissors; 18cm / 7" , 22 mm blade

25°	45°	60°
CS7-2016-25	CS7-2016-45	CS7-2016-60



DeBAKEY	
Dim.	1,2 mm
18cm	FFS-191-18

Serrated jaws	
Dim.	1,0 mm
18cm	FFS-196-18

Smooth jaws	
Wolfram Carbide Tip Coating	
Dim.	1,0 mm
18cm	FFS-194-18

With ring		
Wolfram Carbide Tip Coating		
Dim.	Φ 1.0 × 0.5mm	
18cm	FFS-192-18	FFS-193-18



DeBAKEY	
Dim.	1,2 mm
20cm	FFS-195-20

Serrated jaws	
Dim.	1,0 mm
20cm	FFS-197-20
25cm	FFS-197-25

Without tying platform	
Dim.	1,0 x 7,0 mm
20cm	FFS-196-20
25cm	FFS-196-25



GERALD	
Tungsten Carbide Insert Jaws	
Dim.	1,2 mm
17.5cm	FFT-920-18C



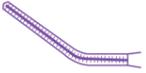
GERALD	
Tungsten Carbide Insert Jaws	
Dim.	1,8 mm
25cm	FFT-920-25D



DeBAKEY		
Dim.	1,2 mm	1,2 mm
		
15cm	FSS-190-15	FSS-195-15
18cm	FSS-190-18	FSS-195-18
21cm	FSS-190-21	FSS-195-21

With tying platform				
Dim.	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
	0,7 × 7,0mm	0,7 × 7,0mm	Φ 1,0 x 0,5mm	Φ 1,0 x 0,5mm
				
15cm	FSS-581-15	FSS-586-15	FSS-660-15	FSS-665-15
18cm	FSS-581-18	FSS-586-18	FSS-660-18	FSS-665-18
21cm	FSS-581-21	FSS-586-21	FSS-660-21	FSS-665-21
23cm	FSS-581-23	FSS-586-23	FSS-660-23	FSS-665-23



DeBAKEY		
Dim.	1,2 mm	1,2 mm
		
15cm	FSB-808-15	FSB-809-15
18cm	FSB-808-18	FSB-809-18
21cm	FSB-808-21	FSB-809-21

With tying platform				
Dim.	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
	0,7 × 7,0mm	0,7 × 7,0mm	Φ 1,0 x 0,5mm	Φ 1,0 x 0,5mm
				
15cm	FSB-787-15	FSB-799-15	FSB-792-15	FSB-793-15
18cm	FSB-787-18	FSB-799-18	FSB-792-18	FSB-793-18
21cm	FSB-787-21	FSB-799-21	FSB-792-21	FSB-793-21
23cm	FSB-787-23	FSB-799-23	FSB-792-23	FSB-793-23
25cm	FSB-787-25	FSB-799-25	FSB-792-25	FSB-793-25



DeBAKEY		
Dim.	Tip 1,2 mm	Tip 1,2 mm
18cm	FST-1190-18	FST-1195-18
21cm	FST-1190-21	FST-1195-21

With tying platform				
	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
Dim.	0,7 × 7,0mm	0,7 × 7,0mm	Φ1,0 x 0,5mm	Φ1,0 x 0,5mm
18cm	FST-1580-18	FST-1585-18	FST-1660-18	FST-1665-18
21cm	FST-1580-21	FST-1585-21	FST-1660-21	FST-1665-21



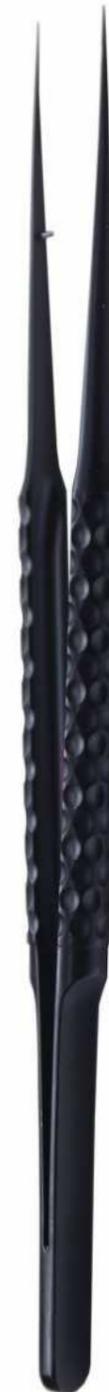
DeBAKEY		
Dim.	1,2 mm	1,2 mm
18cm	FGS-190-18T	FGS-195-18T
21cm	FGS-190-21T	FGS-195-21T
23cm	FGS-190-23T	

With tying platform				
	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
Dim.	0,7 × 7,0mm	0,7 × 7,0mm	Φ1,0 x 0,5mm	Φ1,0 x 0,5mm
15cm	FGS-581-15T	FGS-586-15T	FGS-660-15T	FGS-665-15T
18cm	FGS-581-18T	FGS-586-18T	FGS-660-18T	FGS-665-18T
21cm	FGS-581-21T	FGS-586-21T	FGS-660-21T	FGS-665-21T
23cm	FGS-581-23T	FGS-586-23T		



DeBAKEY		
Dim.	1,2 mm	1,2 mm
18cm	FGB-808-18T	FGB-809-18T
21cm	FGB-808-21T	FGB-809-21T
23cm	FGB-808-23T	FGB-809-23T

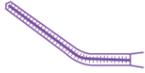
With tying platform				
	Wolfram Carbide Tip Coating		Wolfram Carbide Tip Coating	
Dim.	0,7 × 7,0mm	0,7 × 7,0mm	Φ 1,0 x 0,5mm	Φ 1,0 x 0,5mm
18cm	FGB-787-18T	FGB-799-18T	FGB-792-18T	FGB-793-18T
21cm	FGB-787-21T	FGB-799-21T	FGB-792-21T	FGB-793-21T
23cm	FGB-787-23T		FGB-792-23T	



DeBAKEY		
Dim.	1,2 mm	1,2 mm
18cm	FGC-190-18T	FGC-195-18T
21cm	FGC-190-21T	FGC-195-21T

With tying platform		
	Wolfram Carbide Tip Coating	Wolfram Carbide Tip Coating
Dim.	0,7 × 7,0mm	Φ 1,0 x 0,5mm
18cm	FGC-581-18T	FGC-660-18T
21cm	FGC-581-21T	FGC-660-21T



DeBAKEY		
Dim.	1,2 mm	1,2 mm
		
18cm	FCB-808-18T	FCB-803-18T
21cm	FCB-808-21T	FCB-803-21T

With tying platform		
	Wolfram Carbide Tip Coating	
Dim.	0,7 × 7,0mm	Φ 1,0 x 0,5mm
		
18cm	FCB-787-18T	FCB-792-18T
21cm	FCB-787-21T	FCB-792-21T



DeBAKEY		
Dim.	1,2 mm	1,2 mm
		
18cm	FGT-1190-18T	FGT-1195-18T
21cm	FGT-1190-21T	FGT-1195-21T

With tying platform				
	Wolfram Carbide Tip Coating			
Dim.	0,7 × 7,0mm	0,7 × 7,0mm	Φ 1,0 x 0,5mm	Φ 1,0 x 0,5mm
				
18cm	FGT-1580-18T	FGT-1585-18T	FGT-1660-18T	FGT-1665-18T
21cm	FGT-1580-21T	FGT-1585-21T	FGT-1660-21T	FGT-1665-21T