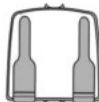
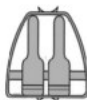
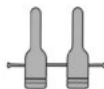
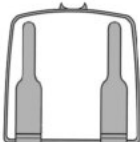
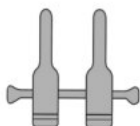
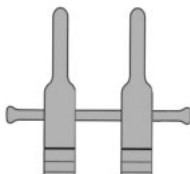
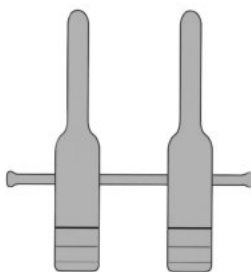




Atraumatic Instruments

- Atraumatic Instruments
- Vessel Clips

		Single clamp	Single clamp	Approximator	Approximator	Double clamp
	8mm VESSEL 0.4-1.0mm					
	Vein	044-0101	044-0121	044-0141	044-0161	044-0181
	Artery	044-0111	044-0131	044-0151	044-0171	044-0191
	11mm VESSEL 0.6-1.5mm					
	Vein	044-0102	044-0122	044-0142	044-0162	044-0182
	Artery	044-0112	044-0132	044-0152	044-0172	044-0192
	17mm VESSEL 1.0-2.25mm					
	Vein	044-0103	044-0123	044-0143	044-0163	044-0183
	Artery	044-0113	044-0133	044-0153	044-0173	044-0193
	25mm VESSEL 1.5-3.5mm					
	Vein		044-0124			044-0184
	Artery		044-0134			044-0194
	36mm VESSEL 2.0-5.0mm					
	Vein		044-0125			044-0185
	Artery		044-0135			044-0195

Clamp Applying Forceps

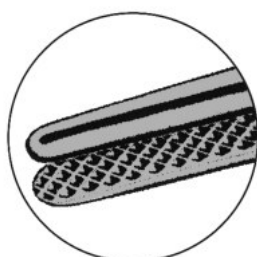


044-0201	14.0cm, 5 1/2"	With Lock
044-0202	14.0cm, 5 1/2"	Without Lock

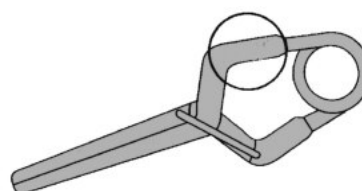
Complete Clips-Program Standard And Mini

In TITANIUM

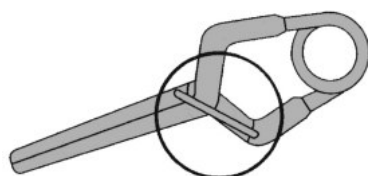
In High Quality Implant-Steel, Anti-magnetic



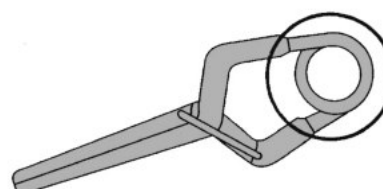
Rounded pyramid pattern



Each Clip With Identification by serial number



Leadership handle



Spring

STANDARD

For Permanent Closure

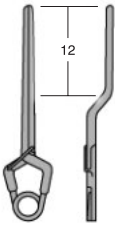
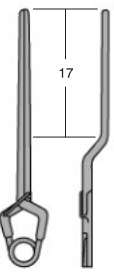
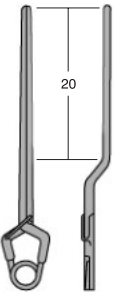
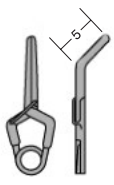
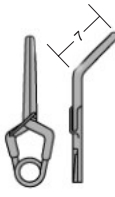
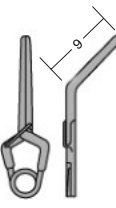
TITANIUM	044-0301 T	044-0302 T	044-0303 T	044-0304 T	044-0305 T	044-0306 T
Impl. steel	044-0301	044-0302	044-0303	044-0304	044-0305	044-0306
FORM						
Max. opening	6.2mm	7.0mm	7.8mm	9.2mm	10.6mm	11.4mm
Force	150g	180g	180g	200g	200g	200g

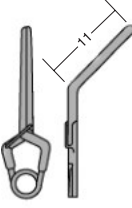
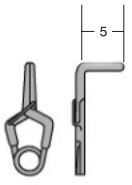
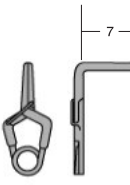
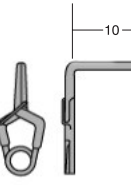
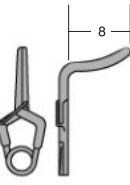
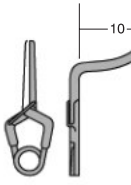
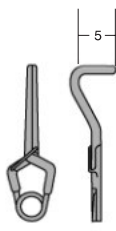
044-0307 T	044-0311 T	044-0312 T	044-0313 T	044-0314 T	044-0321 T	044-0322 T
044-0307	044-0311	044-0312	044-0313	044-0314	044-0321	044-0322
13.3mm	6.0mm	6.8mm	7.5mm	8.7mm	5.5mm	6.1mm
200g	150g	180g	180g	200g	150g	180g

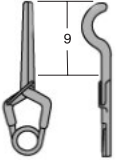
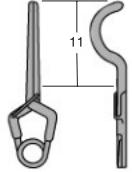
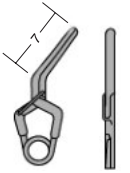
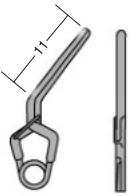
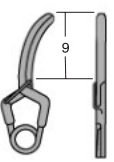
044-0323 T	044-0324 T	044-0331 T	044-0332 T	044-0333 T	044-0341 T	044-0342 T
044-0323	044-0324	044-0331	044-0332	044-0333	044-0341	044-0342
6.5mm	7.4mm	5.4mm	5.8mm	6.2mm	7.9mm	8.7mm
180g	200g	180g	180g	180g	200g	200g

STANDARD

For Permanent Closure

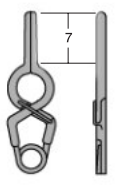
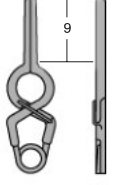
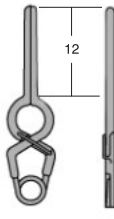
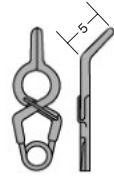
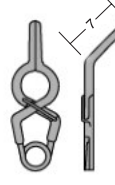
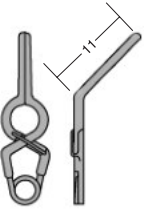
TITANIUM	044-0343 T	044-0344 T	044-0345 T	044-0351 T	044-0352 T	044-0353 T
Impl. steel	044-0343	044-0344	044-0345	044-0351	044-0352	044-0353
FORM						
Max. opening	10.2mm	11.9mm	13.0mm	6.2mm	6.5mm	7.8mm
Force	200g	180g	180g	200g	200g	200g

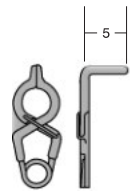
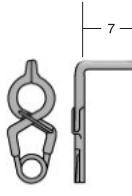
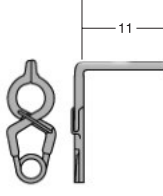
044-0354 T	044-0361 T	044-0362 T	044-0363 T	044-0364 T	044-0365 T	044-0371 T
044-0354	044-0361	044-0362	044-0363	044-0364	044-0365	044-0371
						
8.4mm	5.6mm	5.6mm	5.6mm	5.4mm	5.6mm	7.2mm
200g	200g	200g	200g	200g	200g	200g

044-0372 T	044-0373 T	044-0381 T	044-0382 T	044-0383 T		
044-0372	044-0373	044-0381	044-0382	044-0383		
						
7.2mm	8.2mm	5.7mm	8.0mm	7.0mm		
200g	200g	200g	200g	200g		

STANDARD

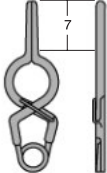
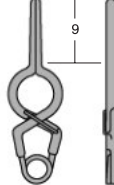
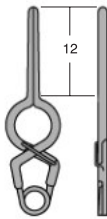
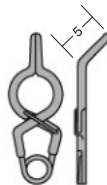
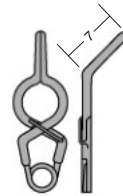
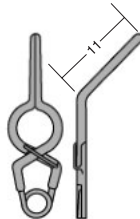
For Permanent Closure, Fenestrated 3.5mm

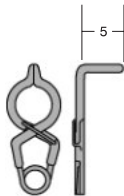
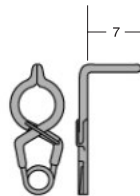
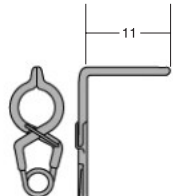
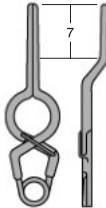
TITANIUM	044-0401 T	044-0402 T	044-0403 T	044-0411T	044-0412 T	044-0413 T
Impl. steel	044-0401	044-0402	044-0403	044-0411	044-0412	044-0413
FORM						
Max. opening	7.4mm	8.4mm	9.6mm	5.8mm	6.5mm	7.2mm
Force	150g	150g	180g	150g	150g	180g

044-0421 T	044-0422 T	044-0423 T				
044-0421	044-0422	044-0423				
						
4.9mm	4.9mm	4.9mm				
150g	150g	180g				

STANDARD

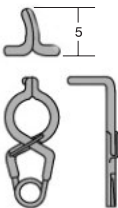
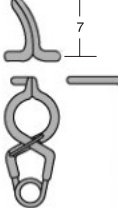
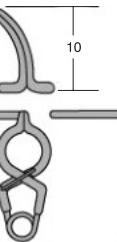
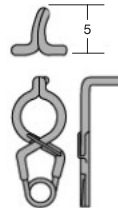
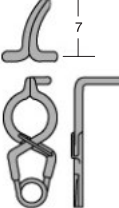
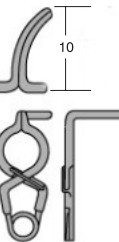
For Permanent Closure, Fenestrated 5.0mm

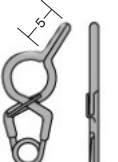
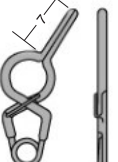
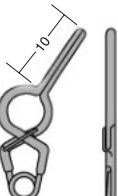
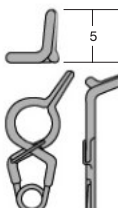
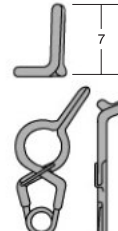
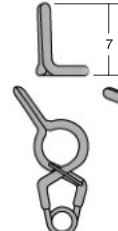
TITANIUM	044-0501 T	044-0502 T	044-0503 T	044-0511T	044-0512 T	044-0513 T
Impl. steel	044-0501	044-0502	044-0503	044-0511	044-0512	044-0513
FORM						
Max. opening	7.9mm	9.1mm	10.3mm	6.5mm	7.2mm	7.8mm
Force	150g	150g	180g	150g	150g	180g

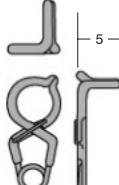
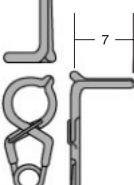
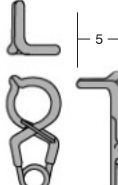
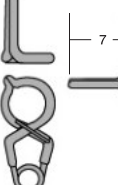
044-0521 T	044-0522 T	044-0523 T	044-0531 T	044-0532 T	044-0533 T	
044-0521	044-0522	044-0523	044-0531	044-0532	044-0533	
						
5.5mm	5.5mm	5.5mm	7.9mm	8.8mm	10.0mm	
150g	150g	180g	150g	150g	180g	

STANDARD

For Permanent Closure, Fenestrated 5.0mm

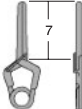
TITANIUM	044-0541 T	044-0542 T	044-0543 T	044-0544 T	044-0545 T	044-0546 T
Impl. steel	044-0541	044-0542	044-0543	044-0544	044-0545	044-0546
FORM						
Max. opening	5.8mm	5.8mm	5.8mm	5.8mm	5.8mm	5.8mm
Force	150g	150g	150g	150g	150g	150g

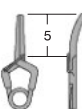
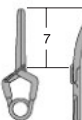
044-0551 T	044-0552 T	044-0553 T	044-0561 T	044-0562 T	044-0563 T	044-0564 T
044-0551	044-0552	044-0553	044-0561	044-0562	044-0563	044-0564
						
7.0mm	7.8mm	8.8mm	5.8mm	6.2mm	5.8mm	6.2mm
150g	150g	150g	150g	150g	150g	150g

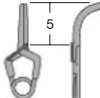
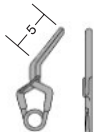
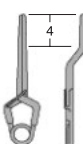
044-0571 T	044-0572 T	044-0573 T	044-0574 T			
044-0571	044-0572	044-0573	044-0574			
						
5.6mm	5.6mm	5.6mm	5.6mm			
150g	150g	150g	150g			

MINI

For Permanent Closure

TITANIUM	044-0601 T	044-0602 T	044-0611 T	044-0612 T	044-0613 T	044-0621 T
Impl. steel	044-0601	044-0602	044-0611	044-0612	044-0613	044-0621
FORM						
Max. opening	3.3mm	4.0mm	3.3mm	4.0mm	4.6mm	3.2mm
Force	110g	110g	110g	110g	110g	110g

044-0622 T	044-0631 T	044-0632 T	044-0641 T	044-0642 T	044-0643T	044-0623 T
044-0622	044-0631	044-0632	044-0641	044-0642	044-0643	044-0623
						
3.8mm	3.6mm	3.8mm	3.6mm	4.0mm	4.4mm	3.6mm
110g	110g	110g	110g	110g	110g	110g

044-0651 T	044-0652 T	044-0661 T	044-0671 T	044-0681 T	044-0682 T	044-0691 T
044-0651	044-0652	044-0661	044-0671	044-0681	044-0682	044-0691
						
3.5mm	4.0mm	3.5mm	6.0mm	7.0mm	5.7mm	4.5mm
110g	110g	130g	130g	130g	130g	130g

STANDARD

For Temporary Closure

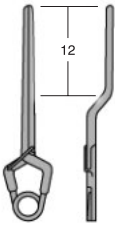
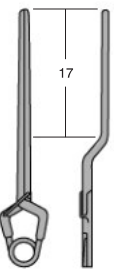
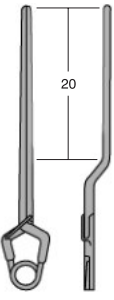
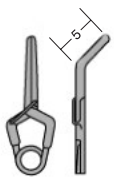
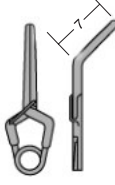
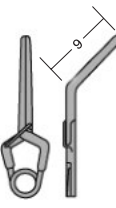
TITANIUM	044-0701 T	044-0702 T	044-0703 T	044-0704 T	044-0705 T	044-0706 T
Impl. steel	044-0701	044-0702	044-0703	044-0704	044-0705	044-0706
FORM						
Max. opening	6.2mm	7.0mm	7.8mm	9.2mm	10.6mm	11.4mm
Force	110g	90g	90g	90g	90g	110g

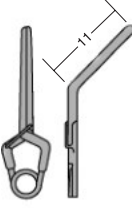
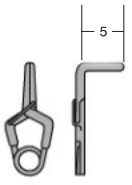
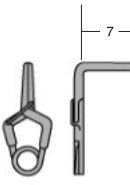
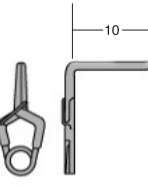
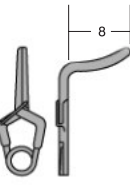
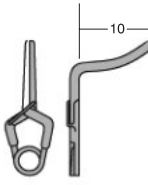
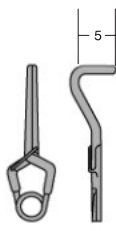
044-0707 T	044-0711 T	044-0712 T	044-0713 T	044-0714 T	044-0721 T	044-0722 T
044-0707	044-0711	044-0712	044-0713	044-0714	044-0721	044-0722
13.3mm	6.0mm	6.8mm	7.5mm	8.7mm	5.5mm	6.1mm
110g	110g	90g	90g	110g	110g	110g

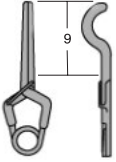
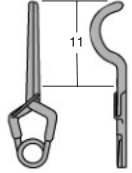
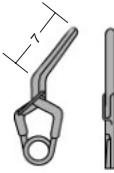
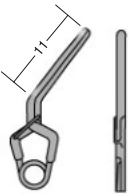
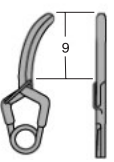
044-0723 T	044-0724 T	044-0731 T	044-0732 T	044-0733 T	044-0741 T	044-0742 T
044-0723	044-0724	044-0731	044-0732	044-0733	044-0741	044-0742
6.5mm	7.4mm	5.4mm	5.8mm	6.2mm	7.9mm	8.7mm
110g	110g	110g	110g	110g	90g	90g

STANDARD

For Temporary Closure

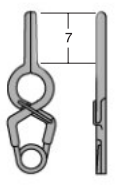
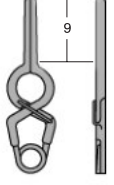
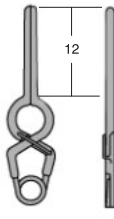
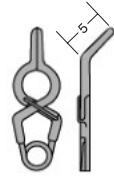
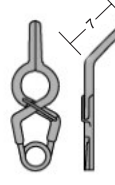
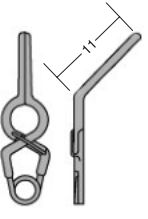
TITANIUM	044-0743 T	044-0744 T	044-0745 T	044-0751 T	044-0752 T	044-0753 T
Impl. steel	044-0743	044-0744	044-0745	044-0751	044-0752	044-0753
FORM						
Max. opening	10.2mm	11.9mm	13.0mm	6.2mm	6.5mm	7.8mm
Force	90g	90g	90g	110g	110g	110g

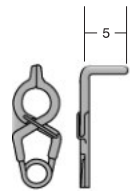
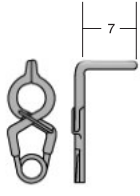
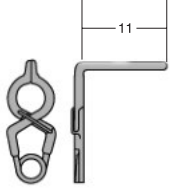
044-0754 T	044-0761 T	044-0762 T	044-0763 T	044-0764 T	044-0765 T	044-0771 T
044-0754	044-0761	044-0762	044-0763	044-0764	044-0765	044-0771
						
8.4mm	5.6mm	5.6mm	5.6mm	5.4mm	5.6mm	7.2mm
110g	130g	130g	130g	130g	130g	90g

044-0772 T	044-0773 T	044-0781 T	044-0782 T	044-0783 T		
044-0772	044-0773	044-0781	044-0782	044-0783		
						
7.2mm	8.2mm	5.7mm	8.0mm	7.0mm		
90g	90g	90g	90g	90g		

STANDARD

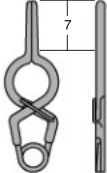
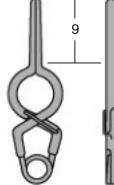
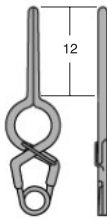
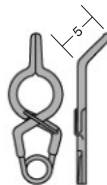
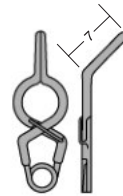
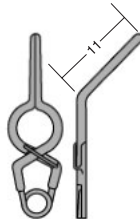
For Temporary Closure, Fenestrated 3.5mm

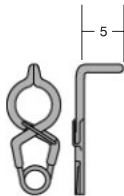
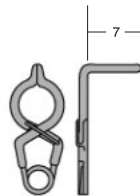
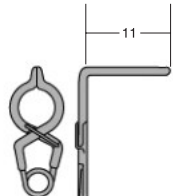
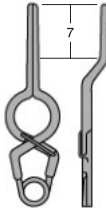
TITANIUM	044-0801 T	044-0802 T	044-0803 T	044-0811T	044-0812 T	044-0813 T
Impl. steel	044-0801	044-0802	044-0803	044-0811	044-0812	044-0813
FORM						
Max. opening	7.4mm	8.4mm	9.6mm	5.8mm	6.5mm	7.2mm
Force	110g	110g	90g	110g	110g	110g

044-0821 T	044-0822 T	044-0823 T				
044-0821	044-0822	044-0823				
						
4.9mm	4.9mm	4.9mm				
110g	110g	110g				

STANDARD

For Temporary Closure, Fenestrated 5.0mm

TITANIUM	044-0901 T	044-0902 T	044-0903 T	044-0911T	044-0912 T	044-0913 T
Impl. steel	044-0901	044-0902	044-0903	044-0911	044-0912	044-0913
FORM						
Max. opening	7.9mm	9.1mm	10.3mm	6.5mm	7.2mm	7.8mm
Force	110g	100g	90g	110g	110g	110g

044-0921 T	044-0922 T	044-0923 T	044-0931 T	044-0932 T	044-0933 T	
044-0921	044-0922	044-0923	044-0931	044-0932	044-0933	
						
5.5mm	5.5mm	5.5mm	7.9mm	8.8mm	10.0mm	
110g	110g	90g	90g	90g	90g	

STANDARD

For Temporary Closure, Fenestrated 5.0mm

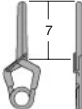
TITANIUM	044-0941 T	044-0942 T	044-0943 T	044-0944 T	044-0945 T	044-0946 T
Impl. steel	044-0941	044-0942	044-0943	044-0944	044-0945	044-0946
FORM						
Max. opening	5.8mm	5.8mm	5.8mm	5.8mm	5.8mm	5.8mm
Force	110g	110g	110g	110g	110g	110g

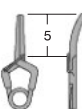
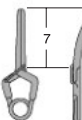
044-0951 T	044-0952 T	044-0953 T	044-0961 T	044-0962 T	044-0963 T	044-0964 T
044-0951	044-0952	044-0953	044-0961	044-0962	044-0963	044-0964
7.0mm	7.8mm	8.8mm	5.8mm	6.2mm	5.8mm	6.2mm
110g	110g	110g	110g	110g	110g	110g

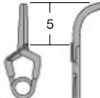
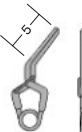
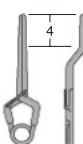
044-0971 T	044-0972 T	044-0973 T	044-0974 T			
044-0971	044-0972	044-0973	044-0974			
5.6mm	5.6mm	5.6mm	5.6mm			
110g	110g	110g	110g			

MINI

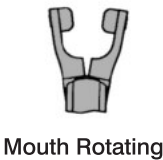
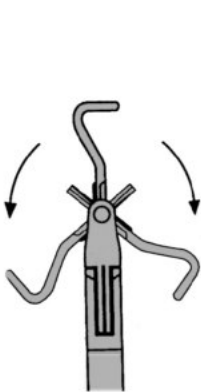
For Temporary Closure

TITANIUM	044-1001 T	044-1002 T	044-1011 T	044-1012 T	044-1013 T	044-1021 T
Impl. steel	044-1001	044-1002	044-1011	044-1012	044-1013	044-1021
FORM						
Max. opening	3.3mm	4.0mm	3.3mm	4.0mm	4.6mm	3.2mm
Force	90g	70g	90g	70g	70g	90g

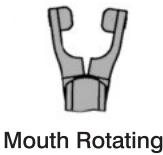
044-1022 T	044-1031 T	044-1032 T	044-1041 T	044-1042 T	044-1043 T	044-1023 T
044-1022	044-1031	044-1032	044-1041	044-1042	044-1043	044-1023
						
3.8mm	3.6mm	3.8mm	3.6mm	4.0mm	4.4mm	3.6mm
70g	80g	70g	80g	70g	70g	80g

044-1051 T	044-1052 T	044-1061 T	044-1071 T	044-1081 T	044-1082 T	044-1091 T
044-1051	044-1052	044-1061	044-1071	044-1081	044-1082	044-1091
						
3.5mm	4.0mm	3.5mm	6.0mm	7.0mm	5.7mm	4.5mm
80g	70g	70g	70g	70g	70g	70g

STANDARD



Mouth Rotating



Mouth Rotating



Mouth Fixed



Mouth Fixed

Length of Shaft

044-1101	7.0cm, 2 3/4"
044-1102	9.0cm, 3 1/2"
044-1103	11.0cm, 4 1/2"
044-1104	13.0cm, 5"

044-1101T	7.0cm, 2 3/4"
044-1102T	9.0cm, 3 1/2"
044-1103T	11.0cm, 4 1/2"
044-1104T	13.0cm, 5"

TITANIUM

044-1111	7.0cm, 2 3/4"
044-1112	9.0cm, 3 1/2"
044-1113	11.0cm, 4 1/2"
044-1114	13.0cm, 5"

044-1111T	7.0cm, 2 3/4"
044-1112T	9.0cm, 3 1/2"
044-1113T	11.0cm, 4 1/2"
044-1114T	13.0cm, 5"

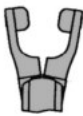
TITANIUM

MINI

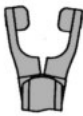
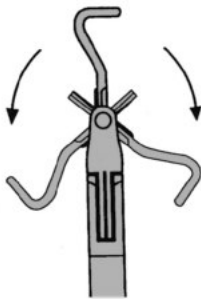


Length of Shaft

044-1121	7.0cm, 2 3/4"
044-1122	9.0cm, 3 1/2"
044-1123	11.0cm, 4 1/2"
044-1124	13.0cm, 5"



Mouth Rotating



Mouth Rotating

044-1121T	7.0cm, 2 3/4"
044-1122T	9.0cm, 3 1/2"
044-1123T	11.0cm, 4 1/2"
044-1124T	13.0cm, 5"

TITANIUM



Mouth Fixed

044-1131	7.0cm, 2 3/4"
044-1132	9.0cm, 3 1/2"
044-1133	11.0cm, 4 1/2"
044-1134	13.0cm, 5"

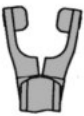
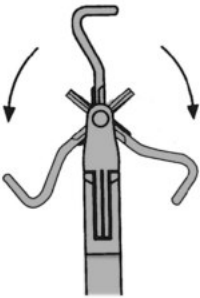
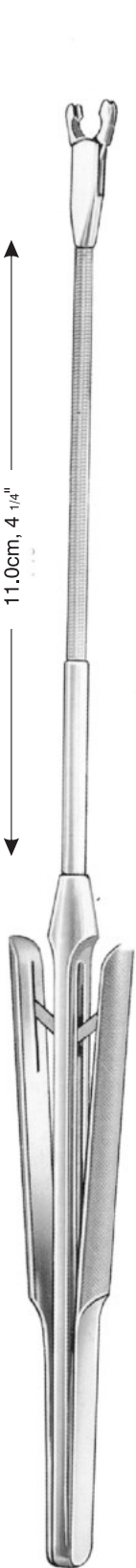


Mouth Fixed

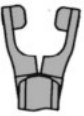
044-1131T	7.0cm, 2 3/4"
044-1132T	9.0cm, 3 1/2"
044-1133T	11.0cm, 4 1/2"
044-1134T	13.0cm, 5"

TITANIUM

STANDARD



Mouth Rotating



Mouth Rotating



Mouth Fixed



Mouth Fixed

Length of Shaft

044-1201	7.0cm, 2 3/4"
044-1202	9.0cm, 3 1/2"
044-1203	11.0cm, 4 1/2"

044-1201T	7.0cm, 2 3/4"
044-1202T	9.0cm, 3 1/2"
044-1203T	11.0cm, 4 1/2"

TITANIUM

044-1211	7.0cm, 2 3/4"
044-1212	9.0cm, 3 1/2"
044-1213	11.0cm, 4 1/2"

044-1211T	7.0cm, 2 3/4"
044-1212T	9.0cm, 3 1/2"
044-1213T	11.0cm, 4 1/2"

TITANIUM

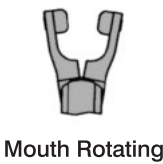
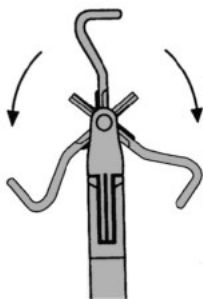
MINI

Length of Shaft	
044-1221	7.0cm, 2 3/4"
044-1222	9.0cm, 3 1/2"
044-1223	11.0cm, 4 1/2"

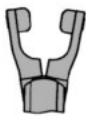
044-1221T	7.0cm, 2 3/4"
044-1222T	9.0cm, 3 1/2"
044-1223T	11.0cm, 4 1/2"
TITANIUM	

044-1231	7.0cm, 2 3/4"
044-1232	9.0cm, 3 1/2"
044-1233	11.0cm, 4 1/2"

044-1231T	7.0cm, 2 3/4"
044-1232T	9.0cm, 3 1/2"
044-1233T	11.0cm, 4 1/2"
TITANIUM	



Mouth Rotating



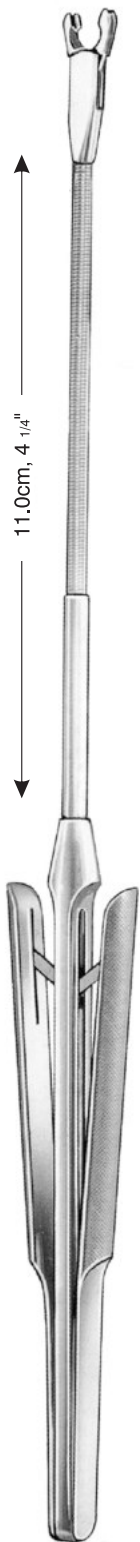
Mouth Rotating

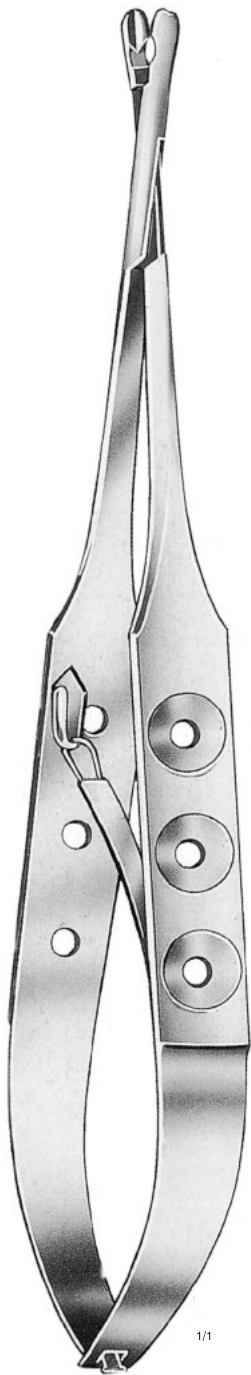


Mouth Fixed



Mouth Fixed





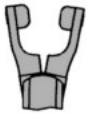
Mouth Fixed

STANDARD

Total Length

044-1301	18.0cm, 7"
044-1301T	18.0cm, 7"

TITANIUM



Mouth Rotating

STANDARD

044-1311	18.0cm, 7"
044-1311T	18.0cm, 7"

TITANIUM

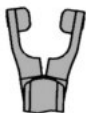


Mouth Fixed

MINI

044-1321	18.0cm, 7"
044-1321T	18.0cm, 7"

TITANIUM



Mouth Rotating

MINI

044-1331	18.0cm, 7"
044-1331T	18.0cm, 7"

TITANIUM

Total Length	
044-1401	17.0cm, 6 3/4"
044-1402	21.0cm, 8 1/4"
044-1403	23.0cm, 9"
044-1401T	17.0cm, 6 3/4"
044-1402T	21.0cm, 8 1/4"
044-1403T	23.0cm, 9"

TITANIUM

044-1411	17.0cm, 6 3/4"
044-1412	21.0cm, 8 1/4"
044-1413	23.0cm, 9"
044-1411T	17.0cm, 6 3/4"
044-1412T	21.0cm, 8 1/4"
044-1413T	23.0cm, 9"

TITANIUM

044-1421	17.0cm, 6 3/4"
044-1422	21.0cm, 8 1/4"
044-1423	23.0cm, 9"
044-1421T	17.0cm, 6 3/4"
044-1422T	21.0cm, 8 1/4"
044-1423T	23.0cm, 9"

TITANIUM

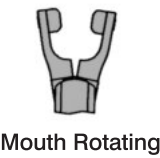
044-1431	17.0cm, 6 3/4"
044-1432	21.0cm, 8 1/4"
044-1433	23.0cm, 9"
044-1431T	17.0cm, 6 3/4"
044-1432T	21.0cm, 8 1/4"
044-1433T	23.0cm, 9"

TITANIUM

STANDARD



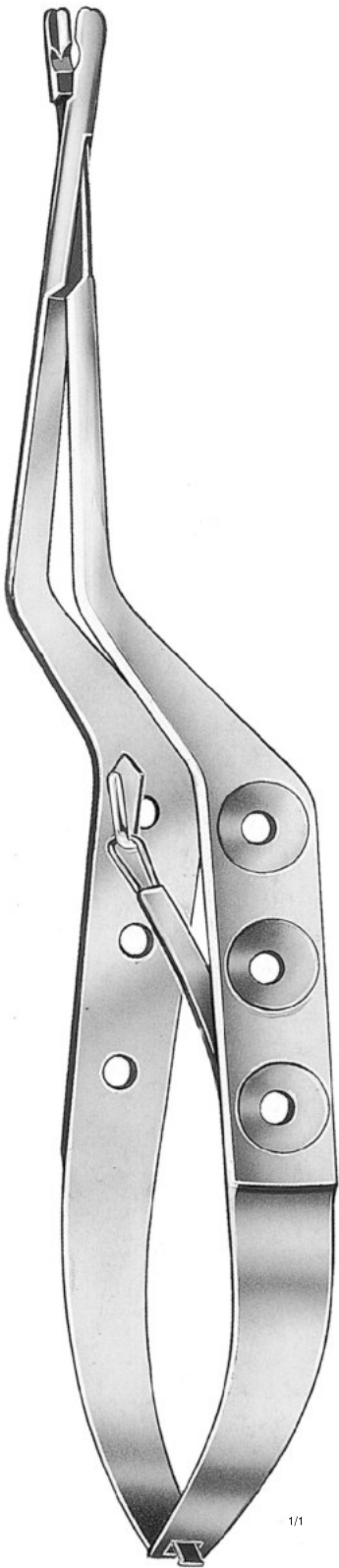
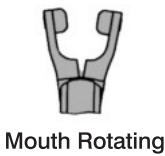
STANDARD



MINI



MINI



1/1



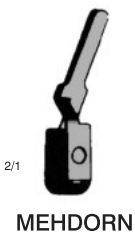
Cat. No.	Opening	Length of Jaws	Closing force
044-1501	4.0mm	6.0mm	30-40g



044-1502	5.0mm	9.0mm	30-40g
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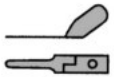
044-1503	5.0mm	9.0mm	20-25g
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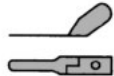
Cat. No.	Jaws	Closing force
044-1601	4x1.0mm	10-15g



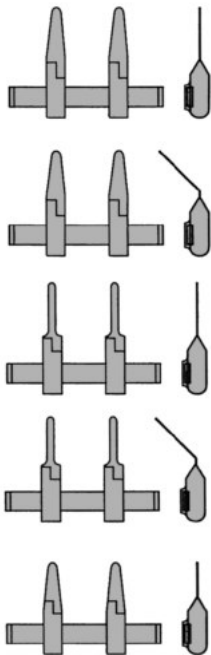
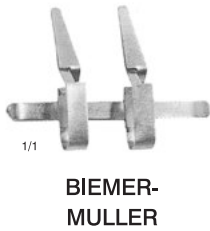
044-1602	4x1.4mm	15-20g
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044-1603	6x1.0mm	10-15g
----------	---------	--------



044-1604	6x1.4mm	15-20g
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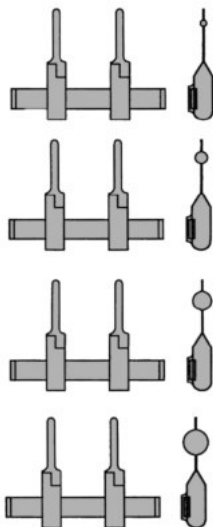
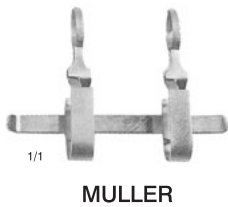
Cat. No.	Opening	Length of Jaws	Closing force
044-1701	5.0mm	9.0mm	25-30g

044-1711	5.0mm	9.0mm	25-30g
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044-1702	5.0mm	9.0mm	25-30g
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044-1712	5.0mm	9.0mm	25-30g
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044-1703	3.0mm	4.5mm	25-30g
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044-1801	Ø 1.0mm	25-30g
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044-1802	Ø 2.0mm	25-30g
----------	---------	--------

044-1803	Ø 3.0mm	25-30g
----------	---------	--------

044-1804	Ø 4.0mm	25-30g
----------	---------	--------



BIEMER

- | | |
|----------|---|
| 044-1900 | Approximator With Applying Forceps 044-2302 |
| 044-1901 | Approximator Only |



BIEMER



KEY

044-2001



BIEMER

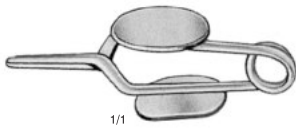


KEY

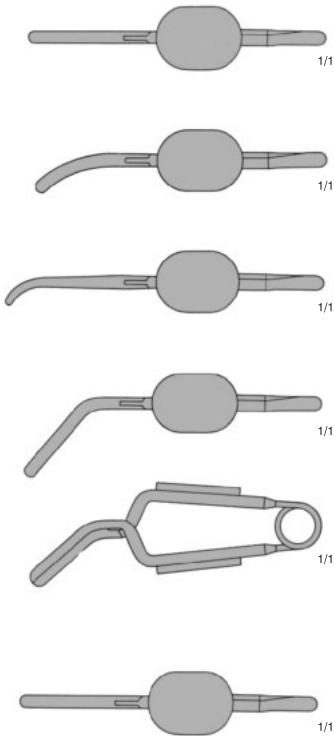
044-2001

044-2000 Approximator With Key 044-2001

044-2100	Approximator With Key 044-2001
044-2101	1Pair of Spare Needles



MULLER
38mm
Atraumatic Vessel Clips



Closing force	
044-2201	50g
044-2211	80g

044-2202	50g
044-2212	80g

044-2203	50g
044-2213	80g

044-2204	50g
044-2214	80g

044-2205	50g
044-2215	80g

044-2220	Ligature Forceps/ Jaw Profile Finely Cross-Serrated
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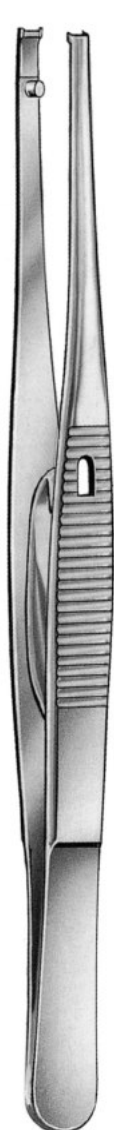
YASARGIL
Applying Forceps For Micro Vessel Clips

044-2240	18.0cm, 7"
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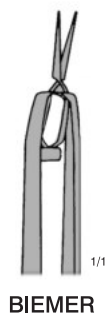


YASARGIL
Micro Vessel Clips

044-2230	32mm
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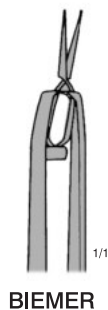
BIEMER
14.5cm, 5 3/4"
Applying Forceps



044-2301 Without Lock

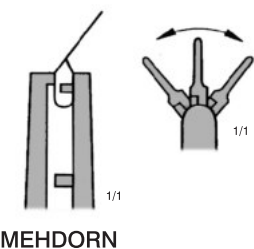
044-2311 With Lock

For Vessel-Clips 044-1501 ~ 1503
And Approximators p.499



044-2302 Without Lock

For Approximators 044-1901



044-2303 Without Lock

For Vessel-Clips 044-1601 ~ 1604



1/1

Tips 1.5mm

002-1801	16.0cm, 6 1/4"
002-1802	20.0cm, 8"
002-1803	24.0cm, 9 1/2"
002-1804	30.0cm, 12"



1/1

Tips 1.5mm

002-1811	16.0cm, 6 1/4"
002-1812	20.0cm, 8"
002-1813	24.0cm, 9 1/2"
002-1814	30.0cm, 12"



1/1

Tips 2.0mm

002-1901	16.0cm, 6 1/4"
002-1902	20.0cm, 8"
002-1903	24.0cm, 9 1/2"
002-1904	30.0cm, 12"



1/1

Tips 2.0mm

002-1911	16.0cm, 6 1/4"
002-1912	20.0cm, 8"
002-1913	24.0cm, 9 1/2"
002-1914	30.0cm, 12"



1/1

Tips 2.4mm

002-2001	16.0cm, 6 1/4"
002-2002	20.0cm, 8"
002-2003	24.0cm, 9 1/2"
002-2004	30.0cm, 12"



1/2

DE BAKEY
20.0cm, 8"

002-2101	16.0cm, 6 1/4"
002-2102	20.0cm, 8"
002-2103	24.0cm, 9 1/2"
002-2104	30.0cm, 12"



1/1

Tips 2.8mm

002-2111	16.0cm, 6 1/4"
002-2112	20.0cm, 8"
002-2113	24.0cm, 9 1/2"
002-2114	30.0cm, 12"



1/1

Tips 2.8mm

002-2201	16.0cm, 6 1/4"
002-2202	20.0cm, 8"
002-2203	24.0cm, 9 1/2"
002-2204	30.0cm, 12"



1/1

Tips 3.5mm

002-2211	16.0cm, 6 1/4"
002-2212	20.0cm, 8"
002-2213	24.0cm, 9 1/2"
002-2214	30.0cm, 12"



1/1

Tips 3.5mm



1/2

DE BAKEY
20.0cm, 8"



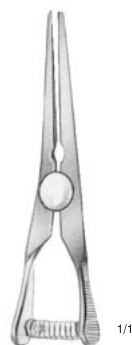
Straight

044-2401 35mm



Curved

044-2411 30mm



Straight

044-2402 48mm



Curved

044-2412 45mm



JOHNS-HOPKINS

044-2800 22.0cm, 8 1/2"

Forceps for Applying and Removing
Bulldog Clamps
044-2501~2700 and 044-3001~3014



DIEFFENBACH
Straight

044-2501 38mm
044-2502 48mm



DIEFFENBACH
Curved

044-2511 38mm
044-2512 48mm



DIEFFENBACH
Straight

044-2503 58mm



DIEFFENBACH
Curved

044-2513 58mm



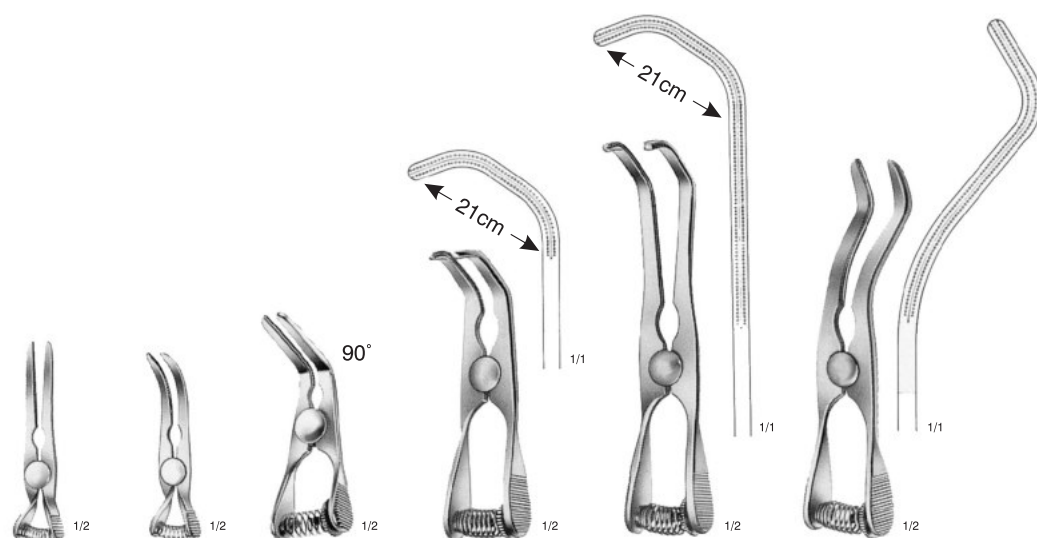
JOHNS-HOPKINS

044-2601 38mm
044-2602 50mm
044-2603 57mm
044-2604 63mm
044-2605 70mm
044-2606 76mm



DE BAKY-HESS

044-2700 Length of Jaws: 20mm



DE BAKEY DE BAKEY GLOVER DE BAKEY DE BAKEY DE BAKEY

	044-2910	044-2920	044-2930	044-2940	044-2950	044-2960
Total Length	48mm	45mm	65mm	65mm	99mm	90mm
Length of Jaws	27mm	27mm	35mm	38mm	63mm	54mm



DE BAKEY

Total Length / Length of Jaws

044-3001	80mm, 3 1/8"	25mm
044-3002	90mm, 3 1/2"	35mm
044-3003	105mm, 4 1/8"	50mm
044-3004	128mm, 5"	68mm



DE BAKEY

Total Length / Length of Jaws

044-3011	75mm, 3"	25mm
044-3012	85mm, 3 1/3"	35mm
044-3013	98mm, 4 4/5"	50mm
044-3014	115mm, 4 1/2"	68mm



GLOVER

Total Length / Length of Jaws

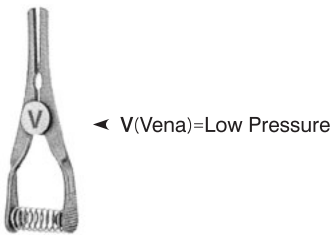
044-3101	65mm, 2 1/2"	33mm
044-3102	85mm, 3 1/3"	50mm
044-3103	110mm, 4 1/3"	69mm



GLOVER

Total Length / Length of Jaws

044-3111	65mm, 2 1/2"	33mm
044-3112	85mm, 3 1/3"	50mm
044-3113	110mm, 4 1/3"	69mm



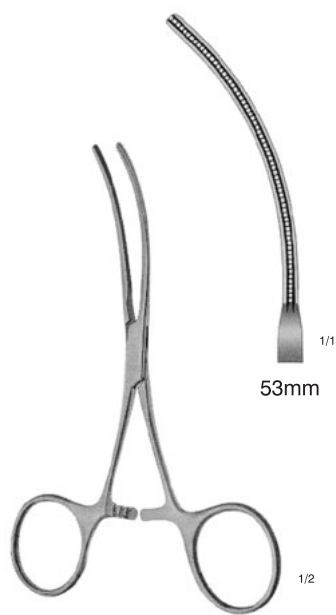
Identification	V=Vena	A=Arteria	V=Vena	A=Arteria	V=Vena	A=Arteria	V=Vena	A=Arteria
Cat. No.	044-3201	044-3301	044-3202	044-3302	044-3203	044-3303	044-3204	044-3304
Length	30mm		35mm		40mm		50mm	
Length of Jaws	9mm		13mm		14mm		23mm	
Occlusion Pressure	110± 10g	220± 10g	110± 10g	220± 10g	110± 10g	220± 10g	110± 10g	220± 10g
Weight	1g		1g		1g		1.5g	



Identification	V=Vena	A=Arteria	V=Vena	A=Arteria	V=Vena	A=Arteria	V=Vena	A=Arteria
Cat. No.	044-3211	044-3311	044-3212	044-3312	044-3213	044-3313	044-3214	044-3314
Length	30mm		35mm		40mm		48mm	
Length of Jaws	9mm		13mm		14mm		22mm	
Occlusion Pressure	110± 10g	220± 10g	110± 10g	220± 10g	110± 10g	220± 10g	110± 10g	220± 10g
Weight	1g		1g		1g		1.5g	

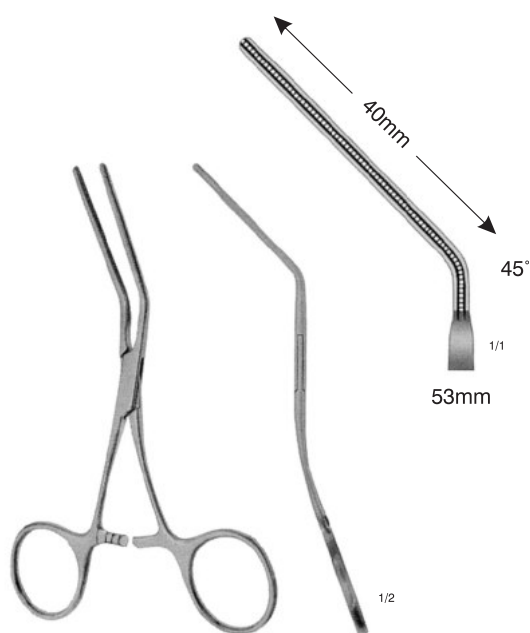


Identification	V=Vena	A=Arteria	V=Vena	A=Arteria	V=Vena	A=Arteria	V=Vena	A=Arteria
Cat. No.	044-3221	044-3321	044-3222	044-3322	044-3223	044-3323	044-3224	044-3324
Length	30mm		35mm		40mm		45mm	
Length of Jaws	10mm		14mm		15mm		21mm	
Occlusion Pressure	110± 10g	220± 10g	110± 10g	220± 10g	110± 10g	220± 10g	110± 10g	220± 10g
Weight	1g		1g		1g		1.5g	



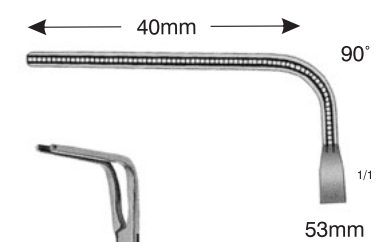
DE BAKEY

044-3410 | 13.0cm, 5"



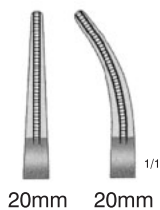
DE BAKEY

044-3420 | 12.5cm, 5"



DE BAKEY

044-3430 | 10.5cm, 4"



DE BAKEY-MOSQUITO
12.0cm, 4 3/4"

044-3501	Straight
044-3511	Curved



DE BAKEY-MOSQUITO
16.5cm, 6 1/2"

044-3502	Straight
044-3512	Curved



DE BAKEY-PEAN

044-3601	20.0cm, 8"	Straight
044-3602	26.0cm, 10 1/4"	Straight
044-3603	28.0cm, 11"	Straight

044-3611	20.0cm, 8"	Curved
044-3612	26.0cm, 10 1/4"	Curved
044-3613	27.5cm, 10 3/4"	Curved



DE BAKY

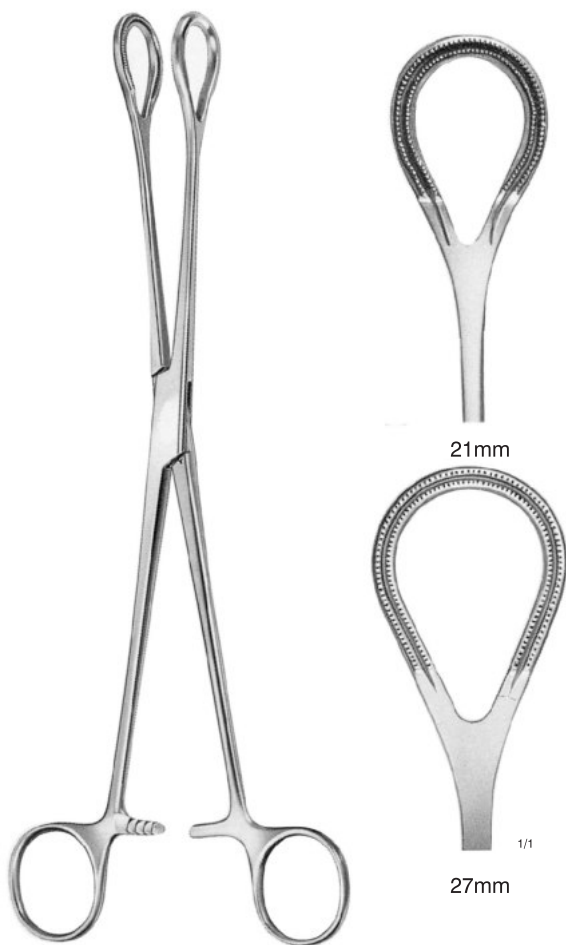
044-3801	20.5cm, 8"	77mm
044-3802	22.2cm, 8 1/2"	80mm

DE BAKY-MIXTER

044-3700	28.5cm, 11 1/4"
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DE BAKY

044-3900	24.0cm, 9 1/2"
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DE BAKEY

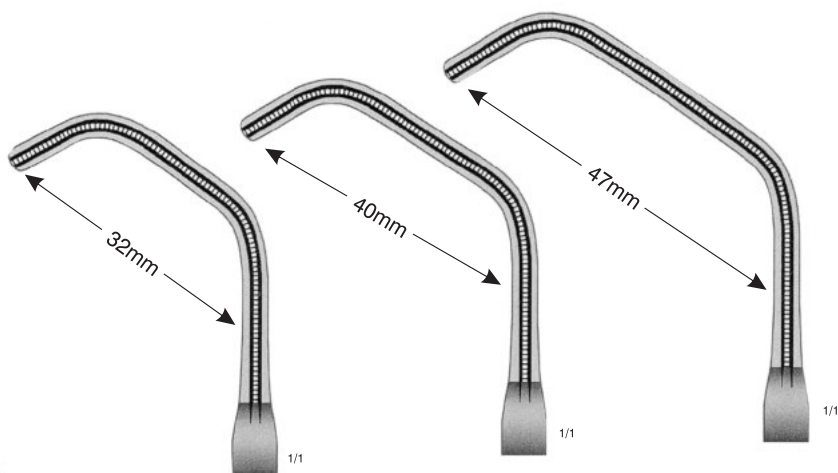


Total Length
Length of Jaws

044-4301	044-4302	044-4303	044-4304	044-4305
22.0cm	26.0cm	27.0cm	27.0cm	27.5cm
85mm	95mm	99mm	103mm	119mm

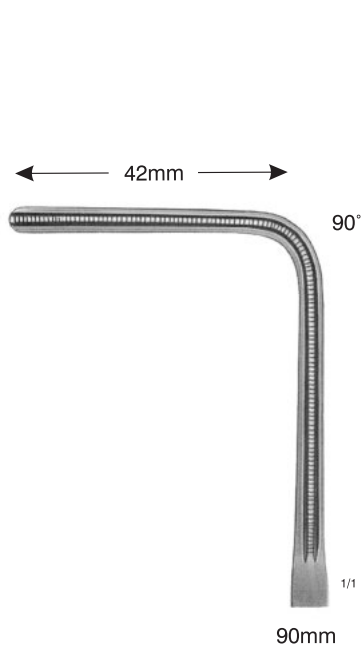


DE BAKEY-SATINSKY



Total Length
Length of Jaws

044-4401	044-4402	044-4403
26.0cm	26.0cm	26.0cm
68mm	76mm	84mm



044-4501 | 23.0cm, 9"



044-4502 | 23.5cm, 9 1/4"



044-4600 | 24.5cm, 9 3/5"



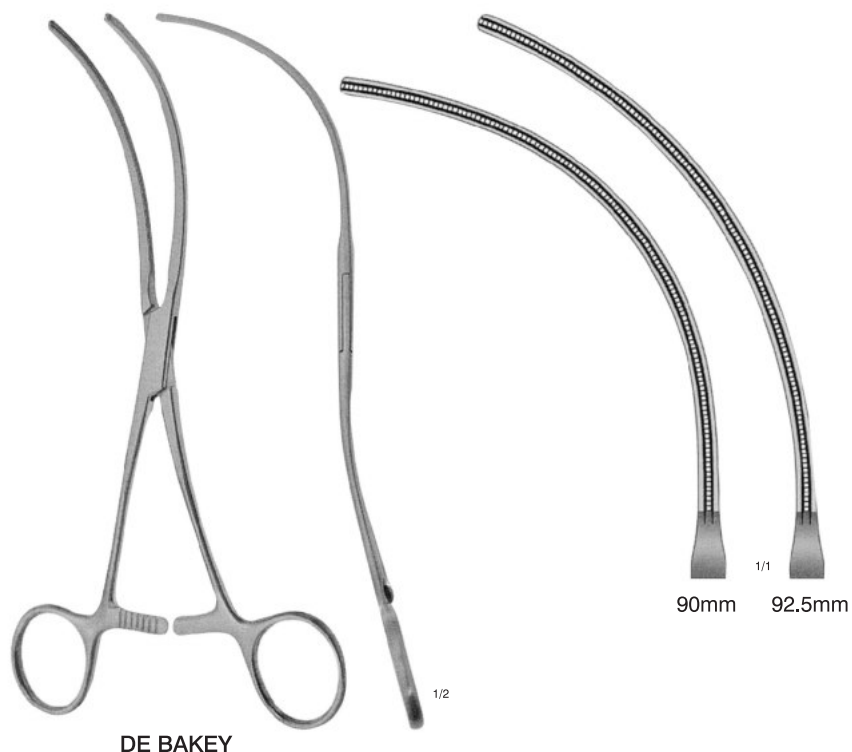
DE BAKEY
044-4701 | 21.5cm, 8 1/2"



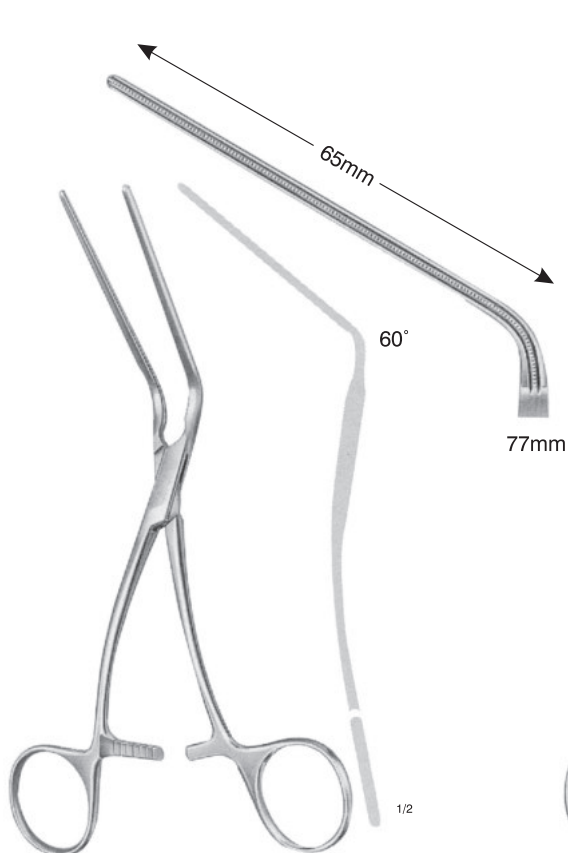
DE BAKEY
044-4711 | 21.5cm, 8 1/2"



DE BAKEY
044-4801 | 16.0cm, 6 1/4"

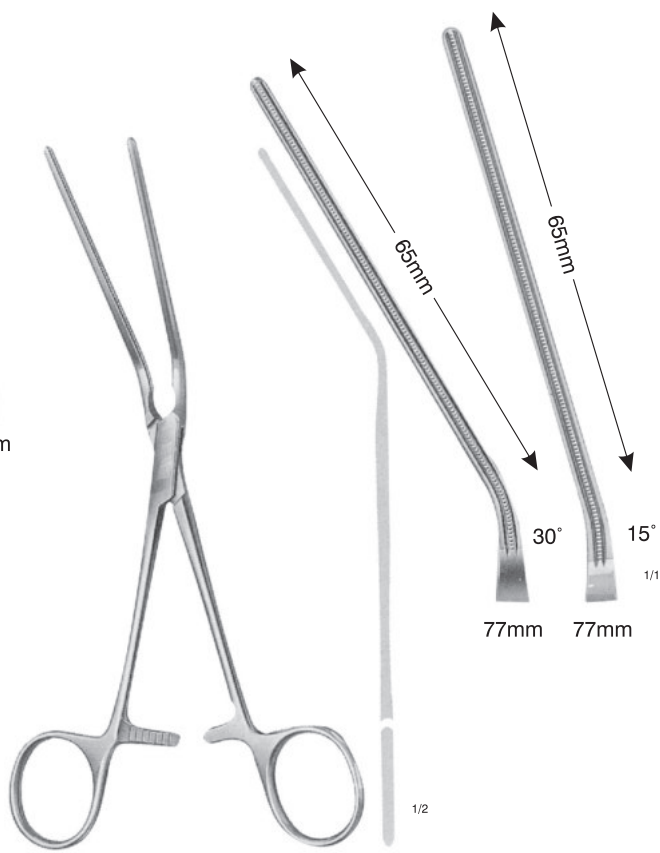


DE BAKEY
044-4802 | 18.5cm, 7 1/4" | 90mm
044-4803 | 19.5cm, 7 3/4" | 92.5mm



DE BAKEY

044-4900 18.5cm, 7 1/4"



LELAND-JONES

044-5011 19.0cm, 7 1/2" 30°
044-5012 19.0cm, 7 1/2" 50°



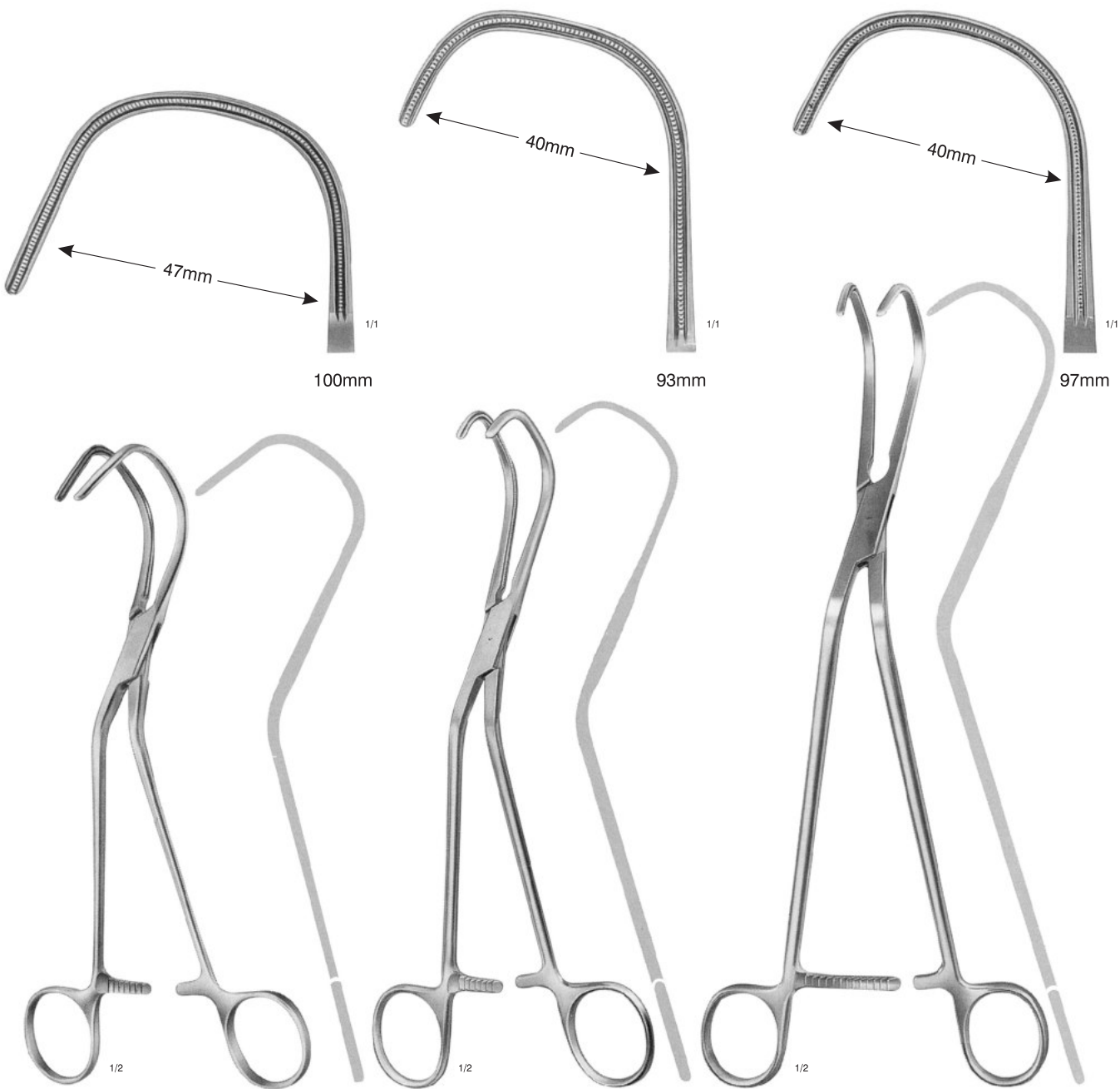
LELAND-JONES

044-5001 19.5cm, 7 3/4"



DE BAKEY

044-5100 20.0cm, 8"



LAMBERT-KAY

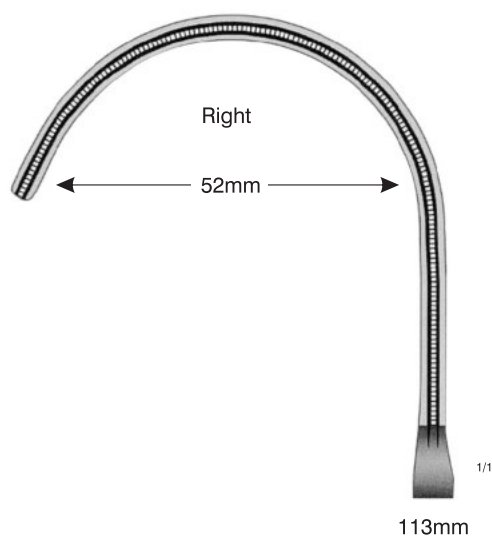
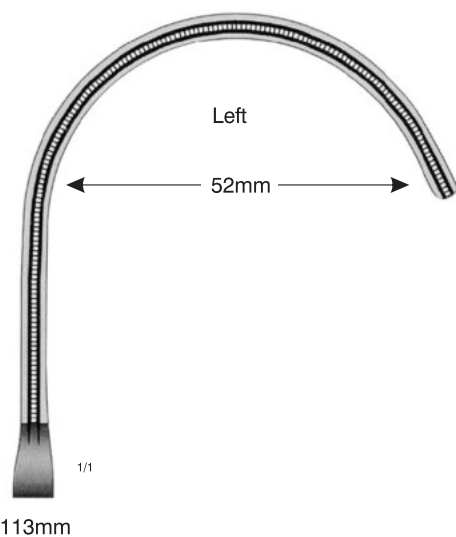
044-5201 | 19.5cm, 7 3/4"

LAMBERT-KAY

044-5202 | 19.5cm, 7 3/4"

DE BAKEY

044-5300 | 25.5cm, 10"



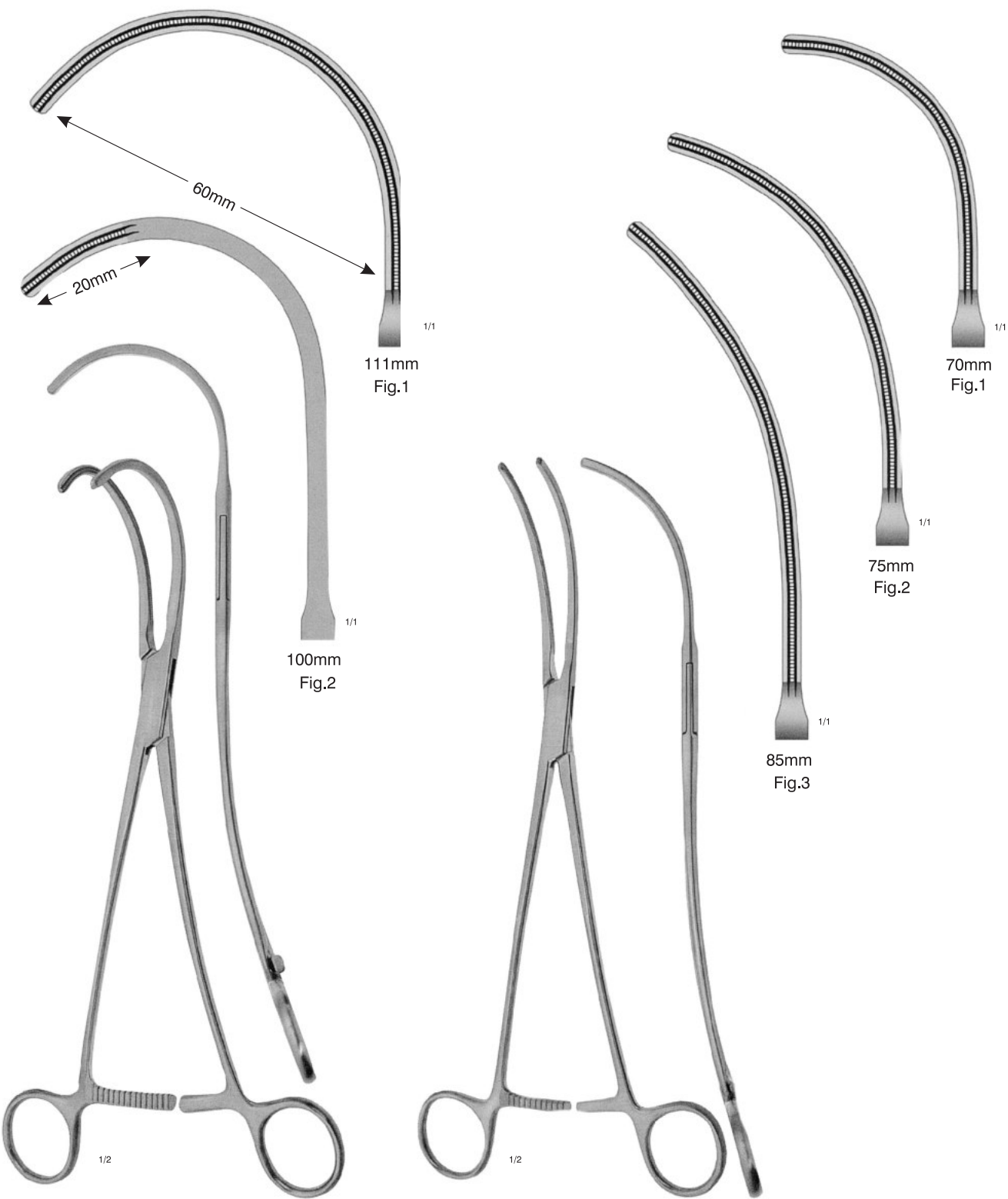
WEBER

044-5401 | 26cm, 10 1/4"



WEBER

044-5402 | 26cm, 10 1/4"

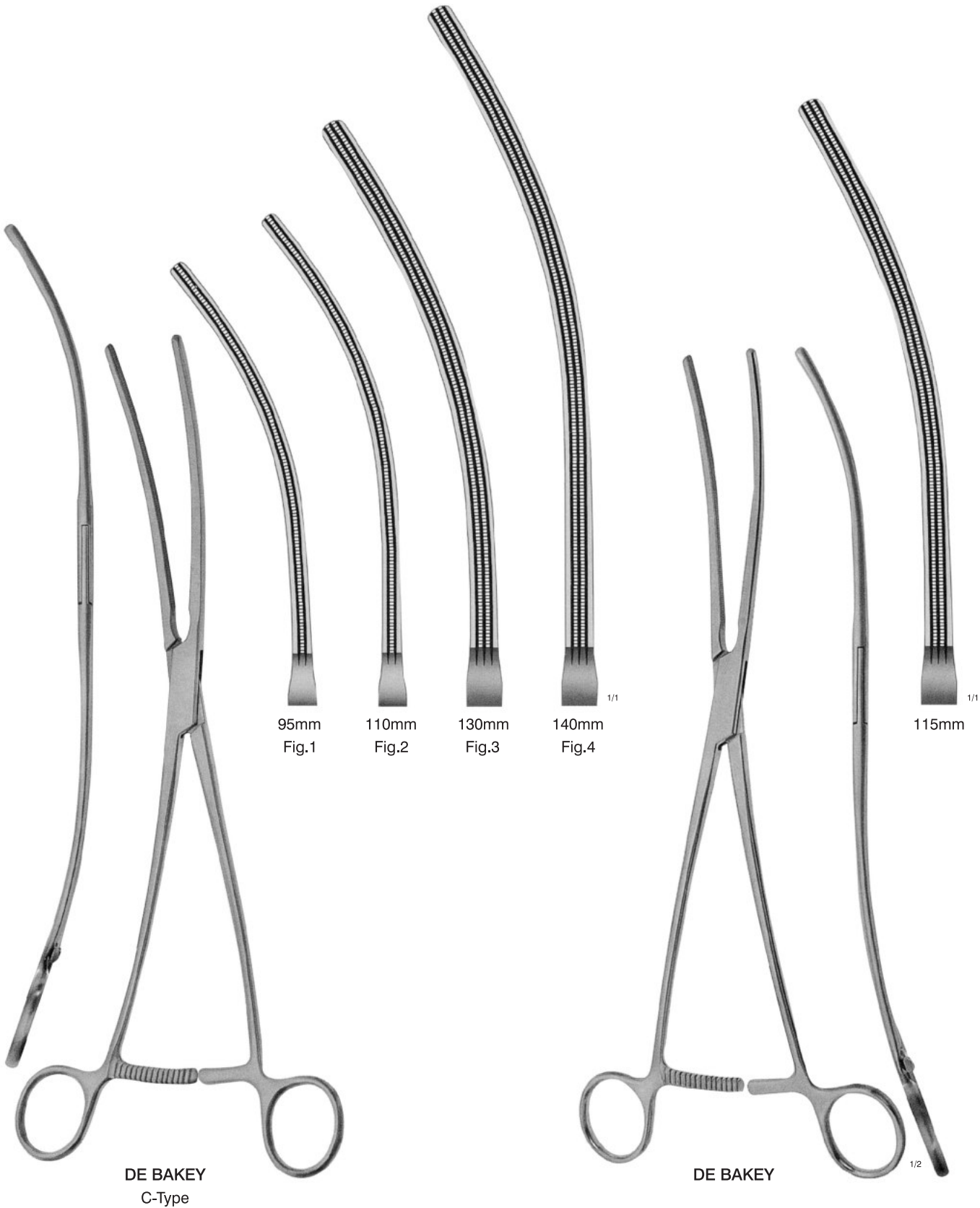


DE BAKEY

044-5501	27.0cm, 10 1/2"	Fig.1
044-5502	27.0cm, 10 1/2"	Fig.2

DE BAKEY

044-5601	26.0cm, 10 1/4"	Fig.1
044-5602	27.0cm, 10 1/2"	Fig.2
044-5603	28.0cm, 11"	Fig.3



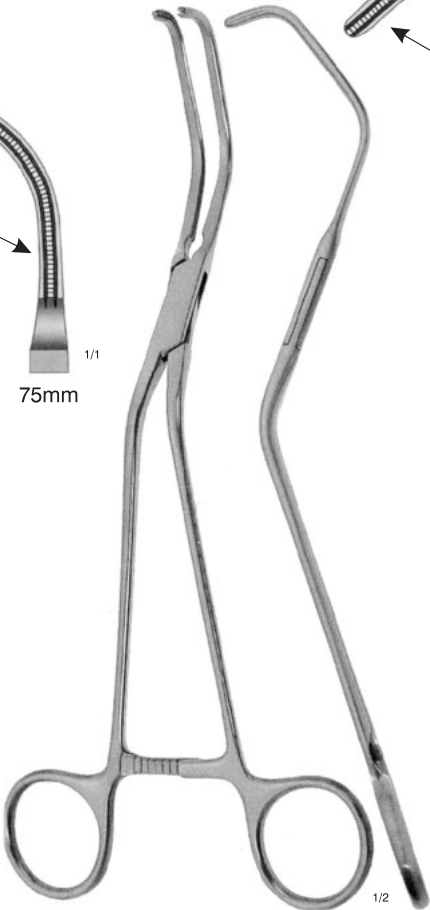
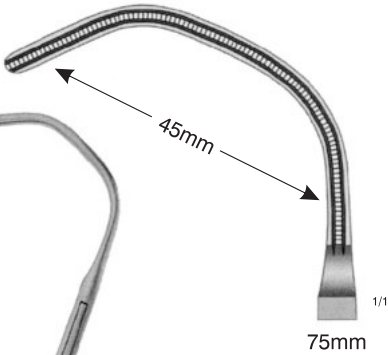
044-5701	25.5cm, 10"	Fig.1
044-5702	27.0cm, 10 1/2"	Fig.2
044-5703	31.5cm, 12 1/2"	Fig.3
044-5704	33.0cm, 13"	Fig.4

044-5800	30.0cm, 12"
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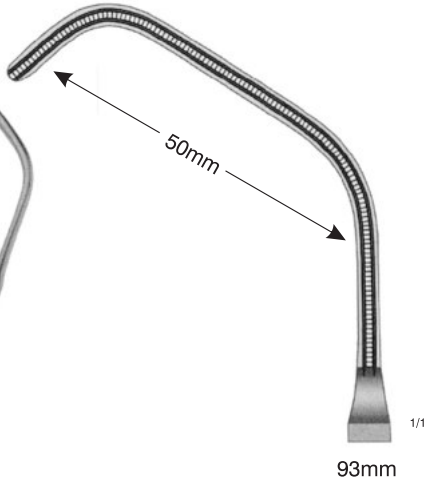
DIETRICH

044-5900 | 21.0cm, 8 1/4"



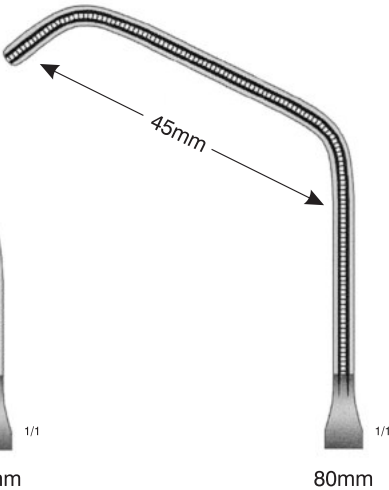
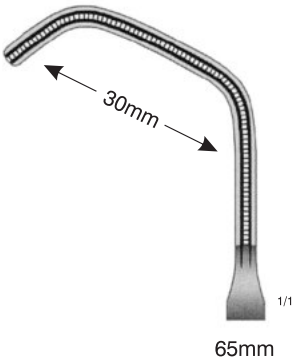
OCHSNER

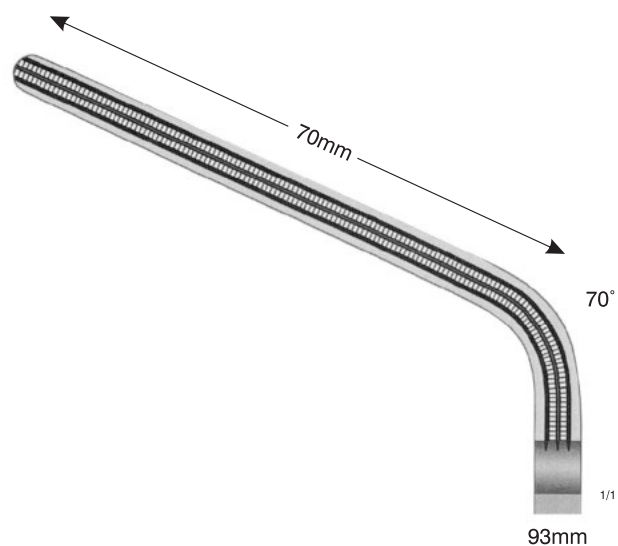
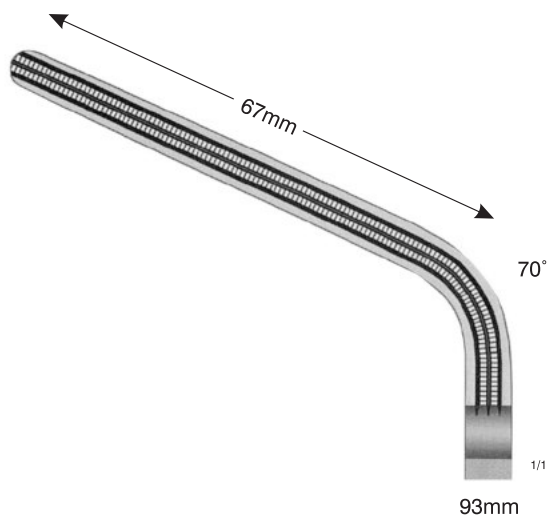
044-6000 | 26.5cm, 10 2/5"



DE BAKY-BECK
Vena-Cava Clamps

044-6101 | 19.0cm, 7 1/2"
044-6102 | 21.0cm, 8 1/4"





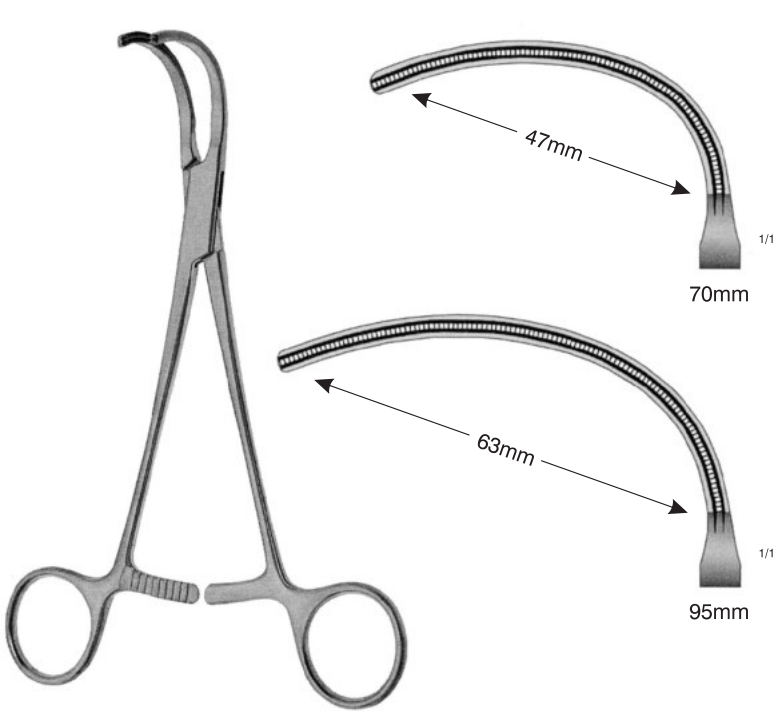
MORRIS

044-6201 | 20.0cm, 8"



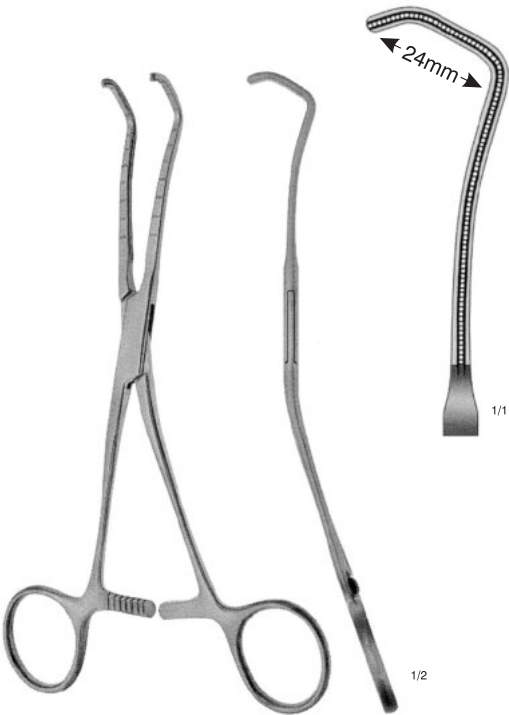
DE BAKEY

044-6202 | 25.0cm, 10"



GLOVER

044-6301	18.0cm, 7"	70mm
044-6302	20.0cm, 8"	95mm



COOLEY

044-6400	17.0cm, 6 3/4"
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DERRA

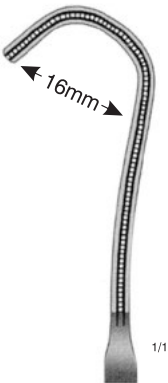


Fig.1

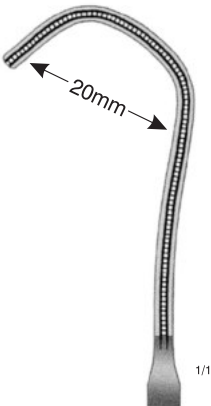


Fig.2

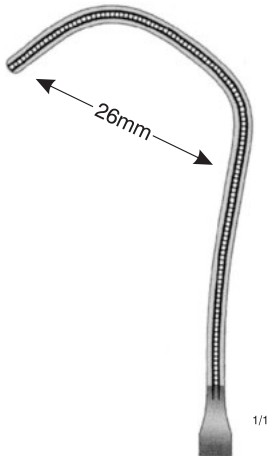
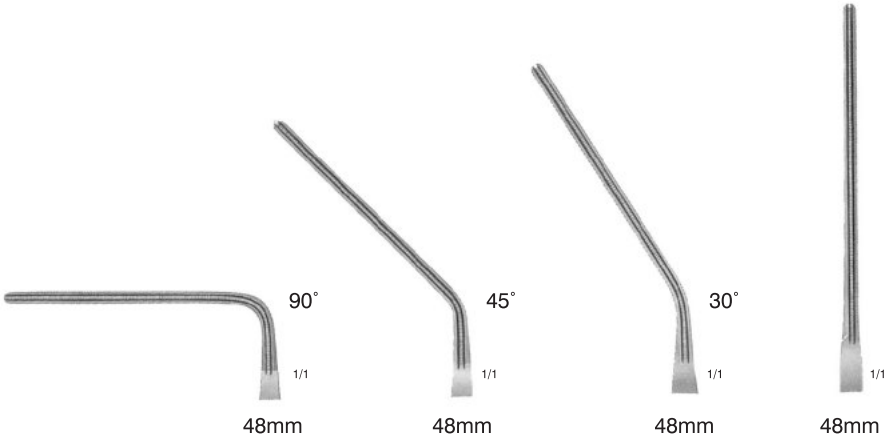


Fig.3

044-6501	16.5cm, 6 1/2"	Fig.1
044-6502	17.0cm, 6 3/4"	Fig.2
044-6503	17.5cm, 6 4/5"	Fig.3



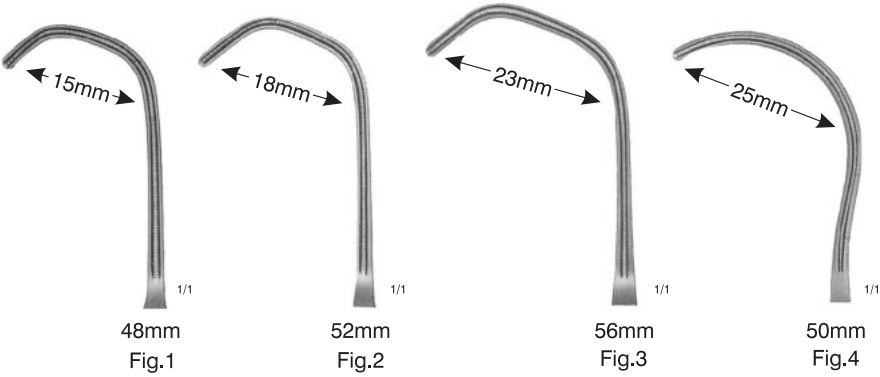
CASTANEDA



044-6601	12.5cm, 5"	Straight
044-6602	12.0cm, 4 3/4"	30°
044-6603	12.0cm, 4 3/4"	45°
044-6604	10.5cm, 4"	90°



CASTANEDA
15.0cm, 6"



044-6701	Fig.1
044-6702	Fig.2
044-6703	Fig.3
044-6704	Fig.4