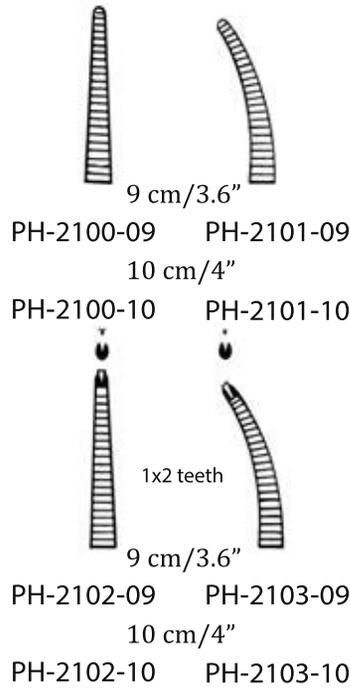


**Arterienklemmen**  
**Hemostatic Forceps**  
**Pinces hémostatiques**

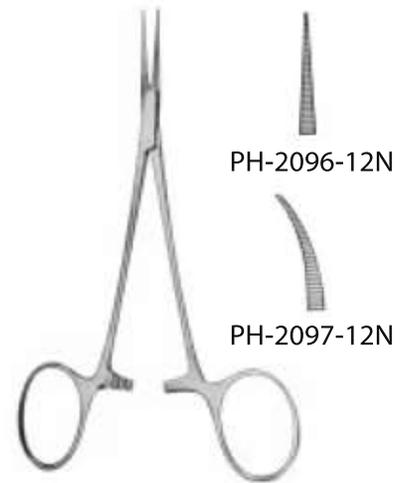
**PH**



**Hartmann  
Baby- Mosquito**  
9,5 cm/3.8"



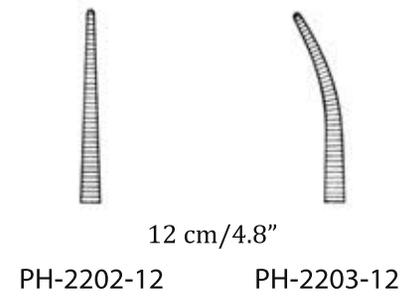
**Carrel**  
8,5 cm/3.4"  
PH-2090-08



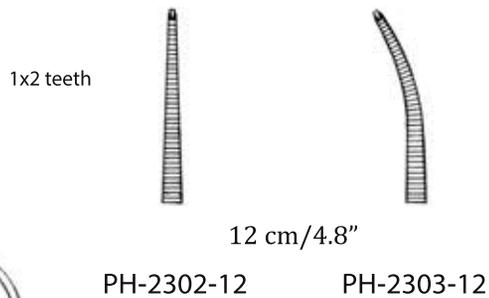
**Jacobson-Micro**  
12 cm/4.8"

PH-2096-12N

PH-2097-12N

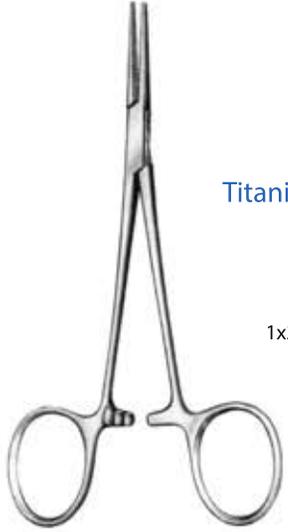


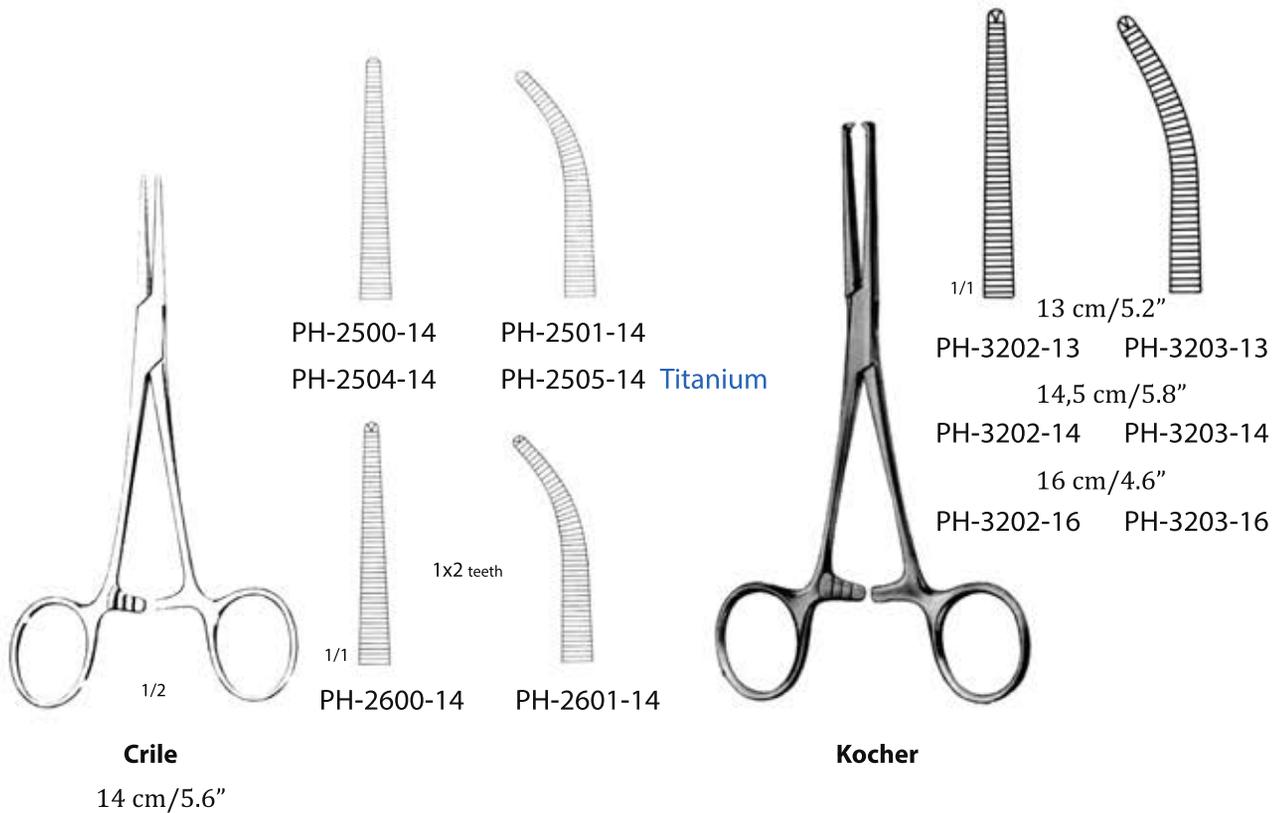
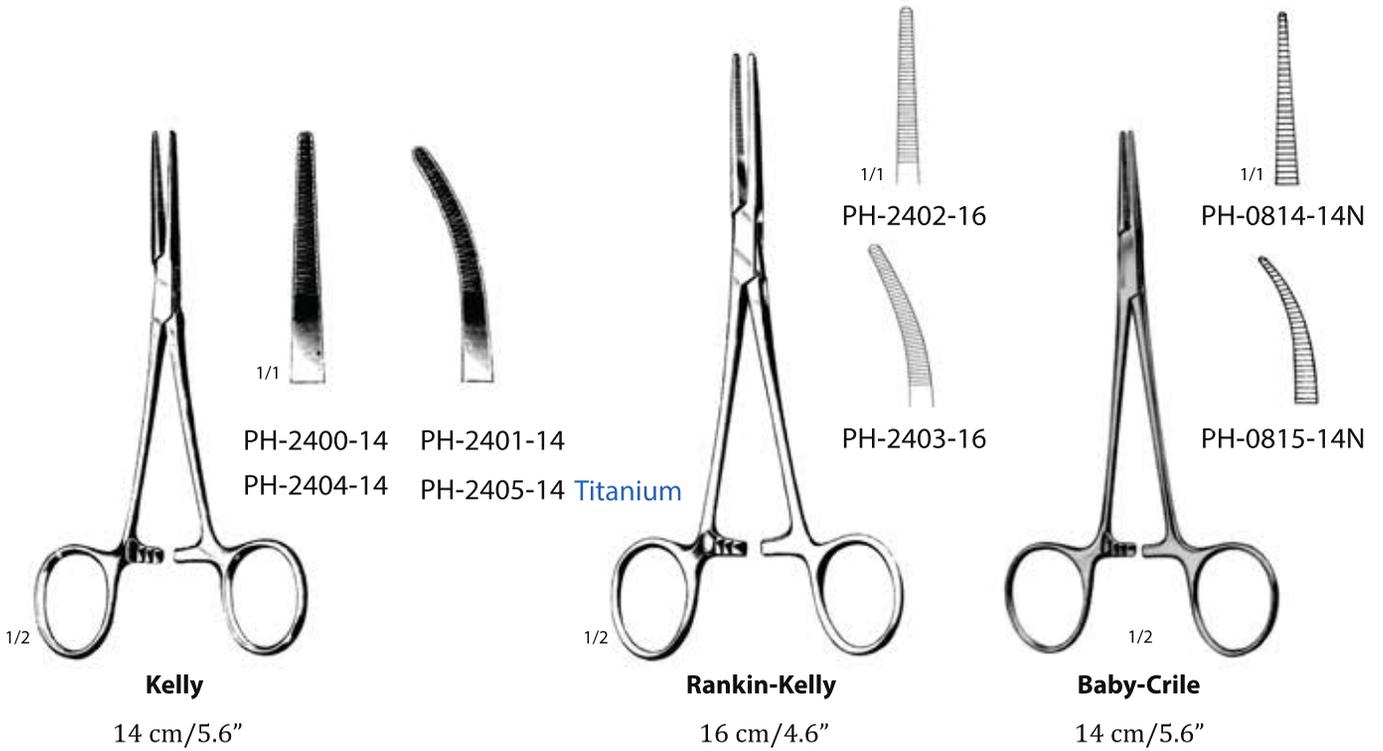
**Micro-Mosquito**

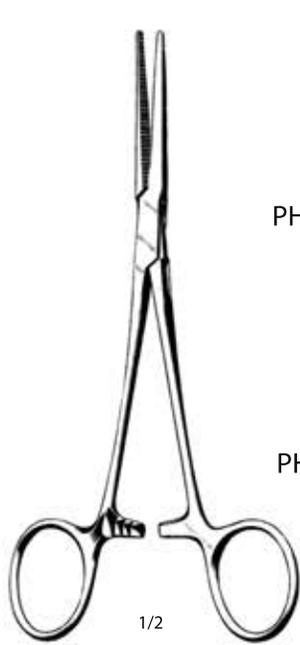


**Terrier**  
8,5 cm/3.4"  
PH-2094-08

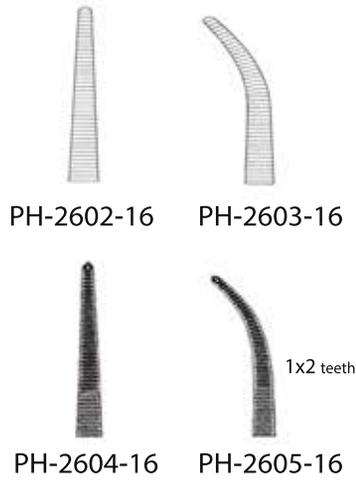
1x2 teeth

 <p><b>Halsted-Mosquito</b></p>	<p>1x2 teeth</p>	 12,5cm/5" PH-2200-12 Titanium PH-2204-12	 14 cm/5.6" PH-2200-14 Titanium	 12,5cm/5" PH-2201-12 Titanium PH-2205-12	 14 cm/5.6" PH-2201-14
		 12,5cm/5" PH-2300-12 Titanium PH-2304-12	 14 cm/5.6" PH-2300-14 Titanium	 12,5cm/5" PH-2301-12 Titanium PH-2305-12	 14 cm/5.6" PH-2301-14
		 18 cm/7.2" PH-2200-18	 21 cm/8.4" PH-2200-21	 18 cm/7.2" PH-2201-18	 21 cm/8.4" PH-2201-21
		 18 cm/7.2" PH-2300-18	 21 cm/8.4" PH-2300-21	 18 cm/7.2" PH-2301-18	 21 cm/8.4" PH-2301-21

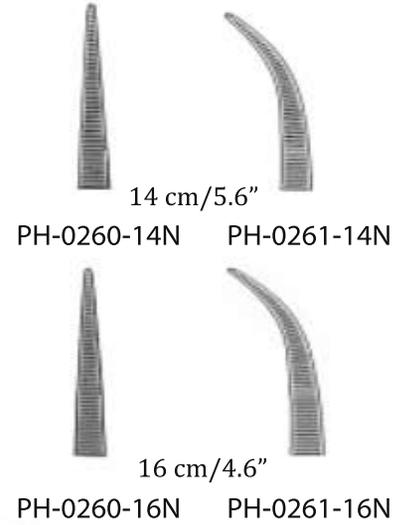




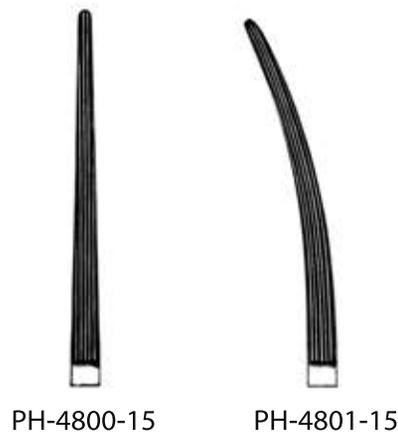
1/2  
**Rankin-Crile**  
16 cm/4.6"



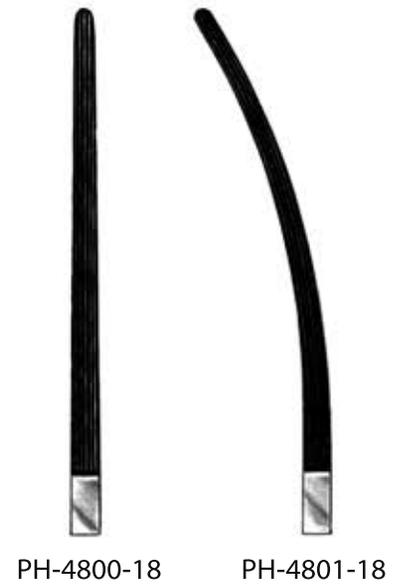
**Coller-Crile**

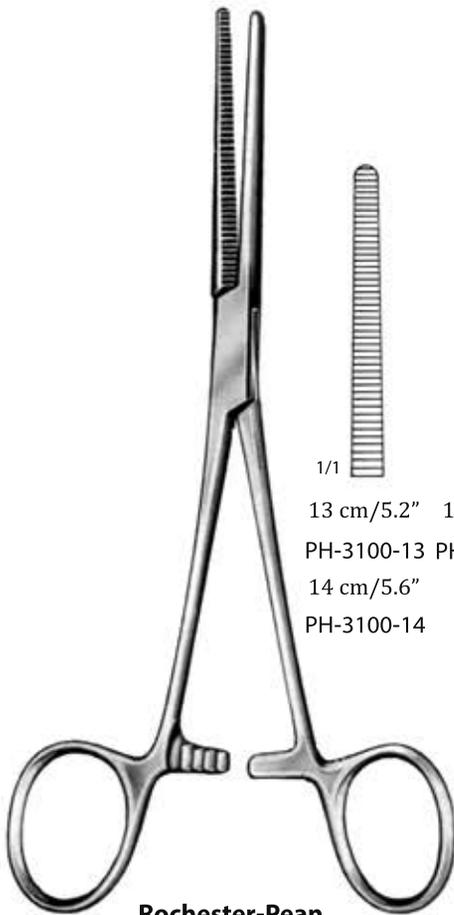


1/2  
**Bainbridge**  
15 cm/6"

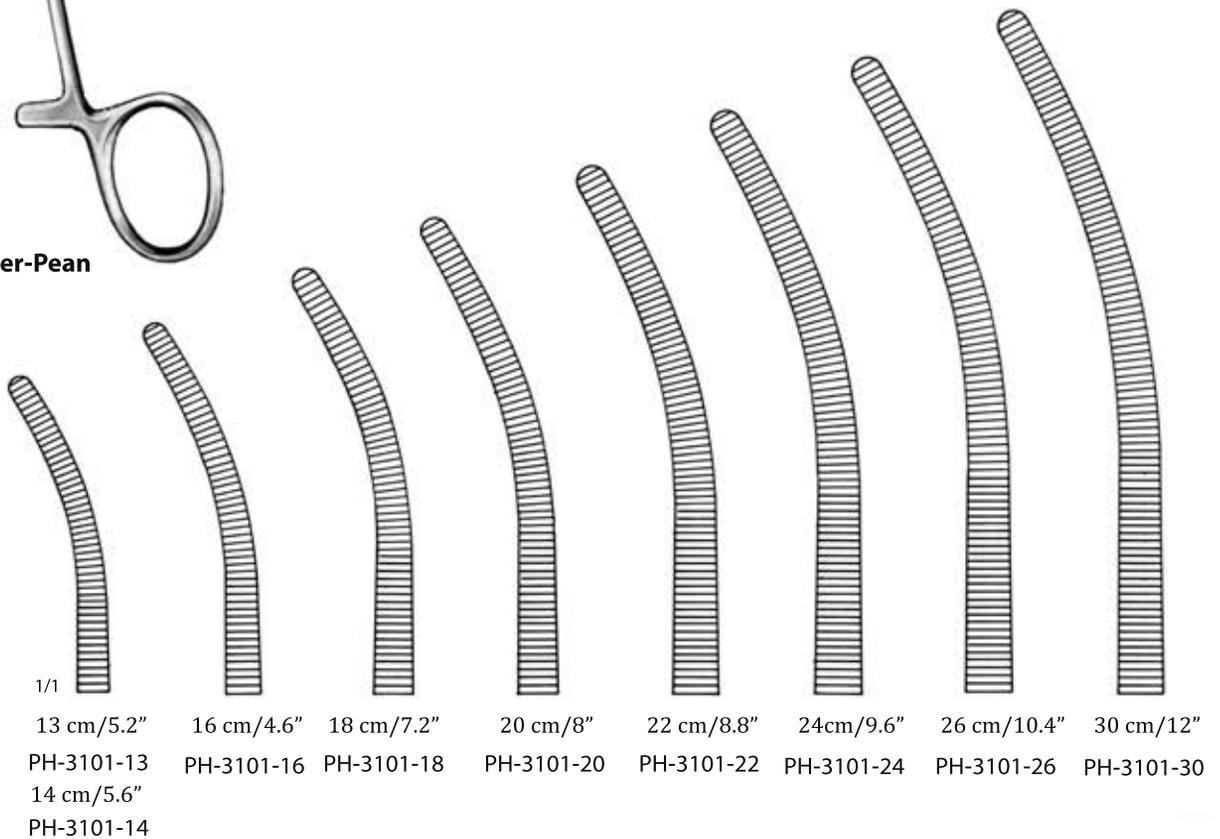
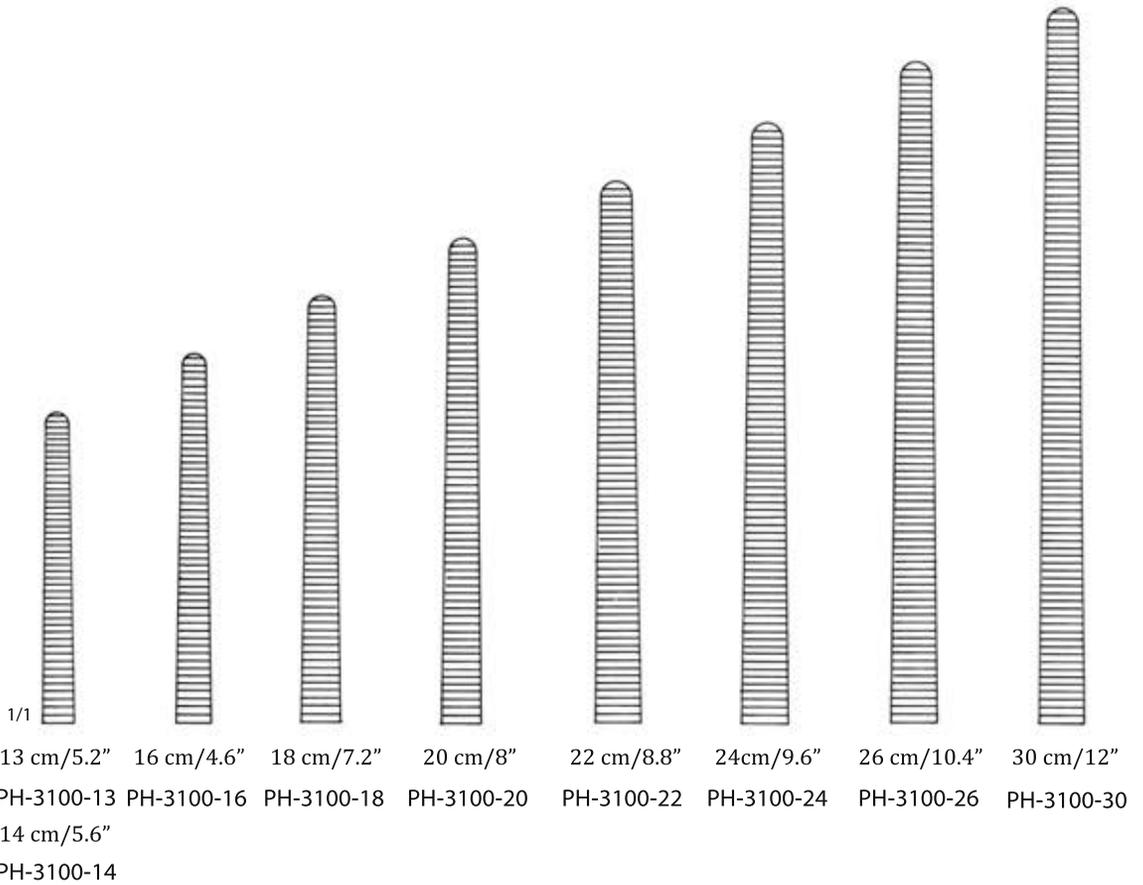


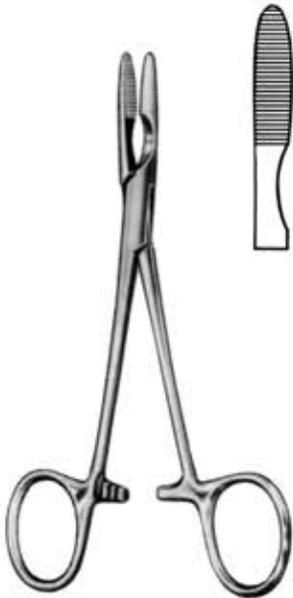
1/2  
**Bainbridge**  
18 cm/7.2"





**Rochester-Pean**





**Pean**

14 cm/5.6"

straight PH-3608-14 PH-3608-16

16 cm/4.6"

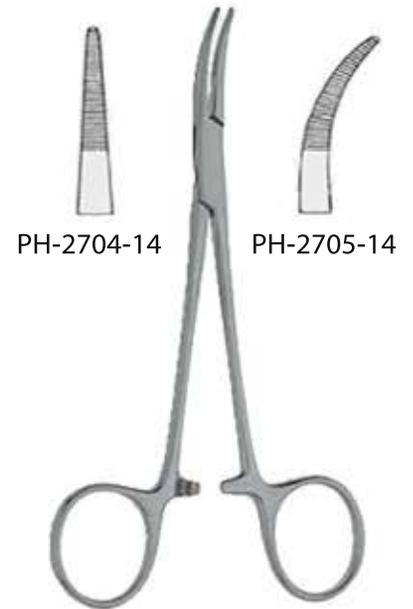
curved PH-3609-14 PH-3609-16



**Kroenlein**

13 cm/5.2"

PH-3612-13



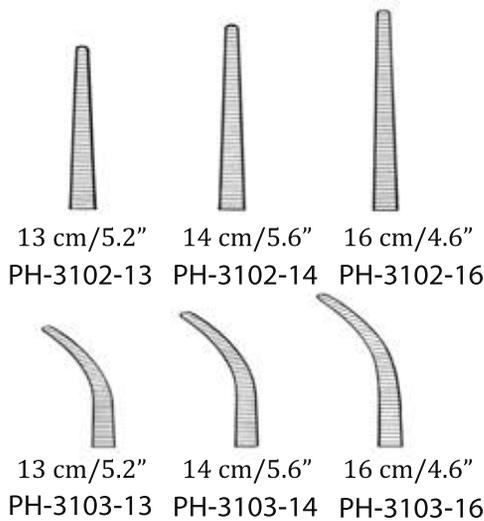
**Cairns**

14 cm/5.6"



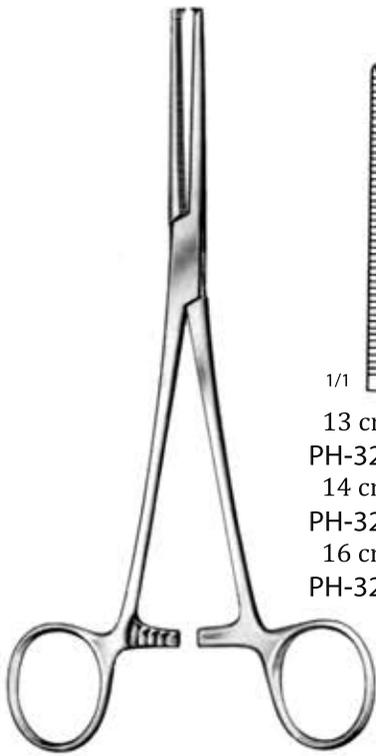
**Pean**

Delicate Pattern

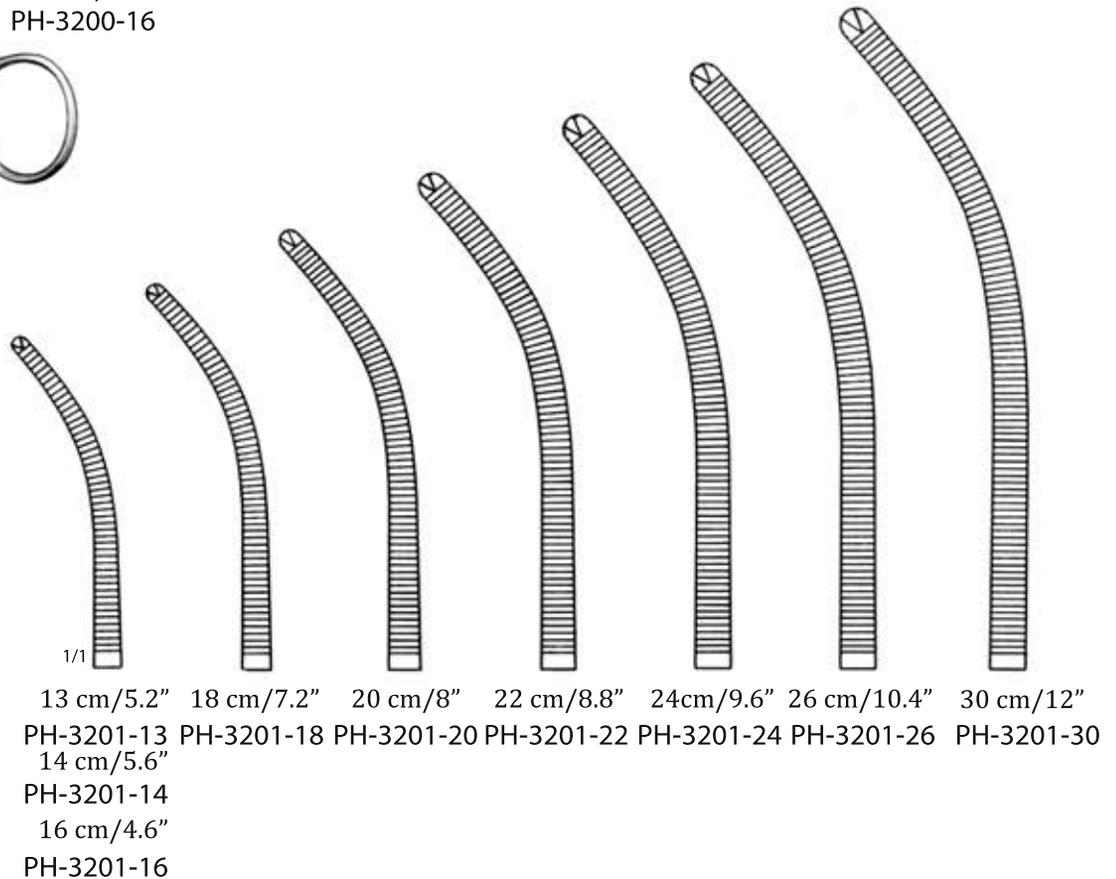
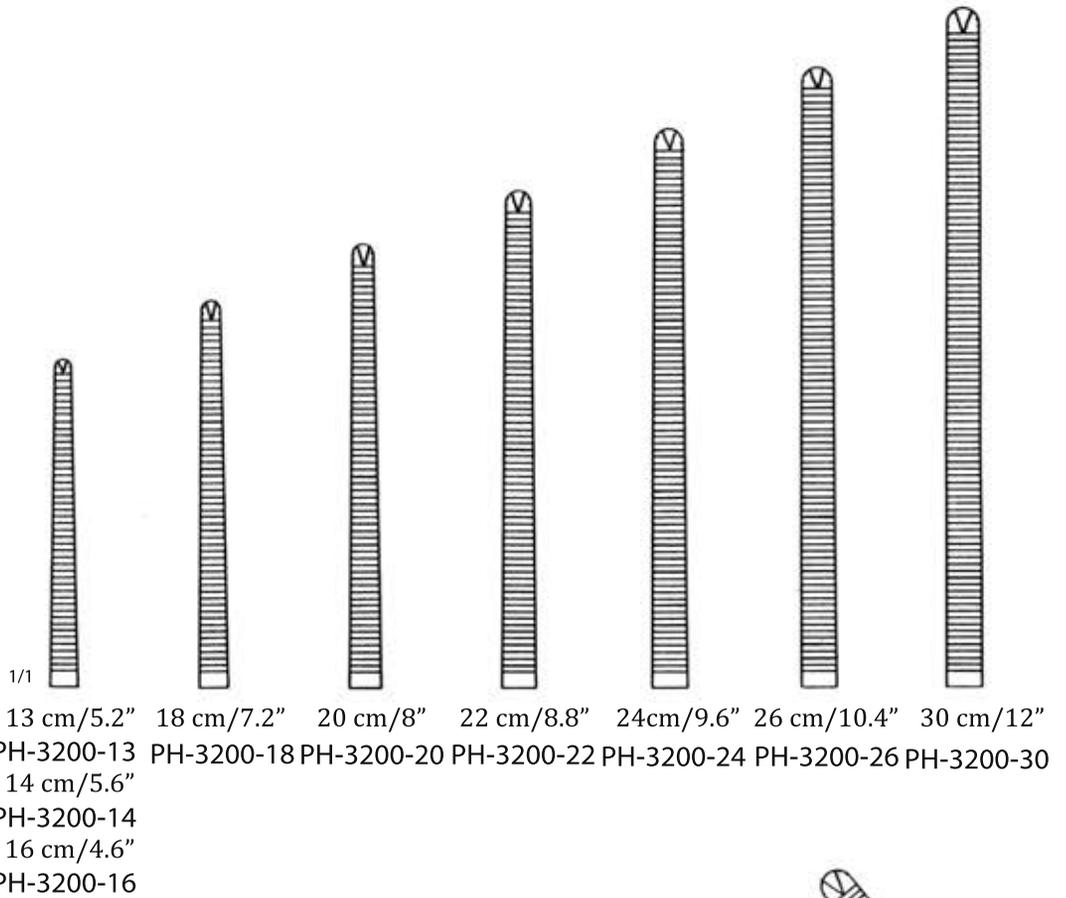


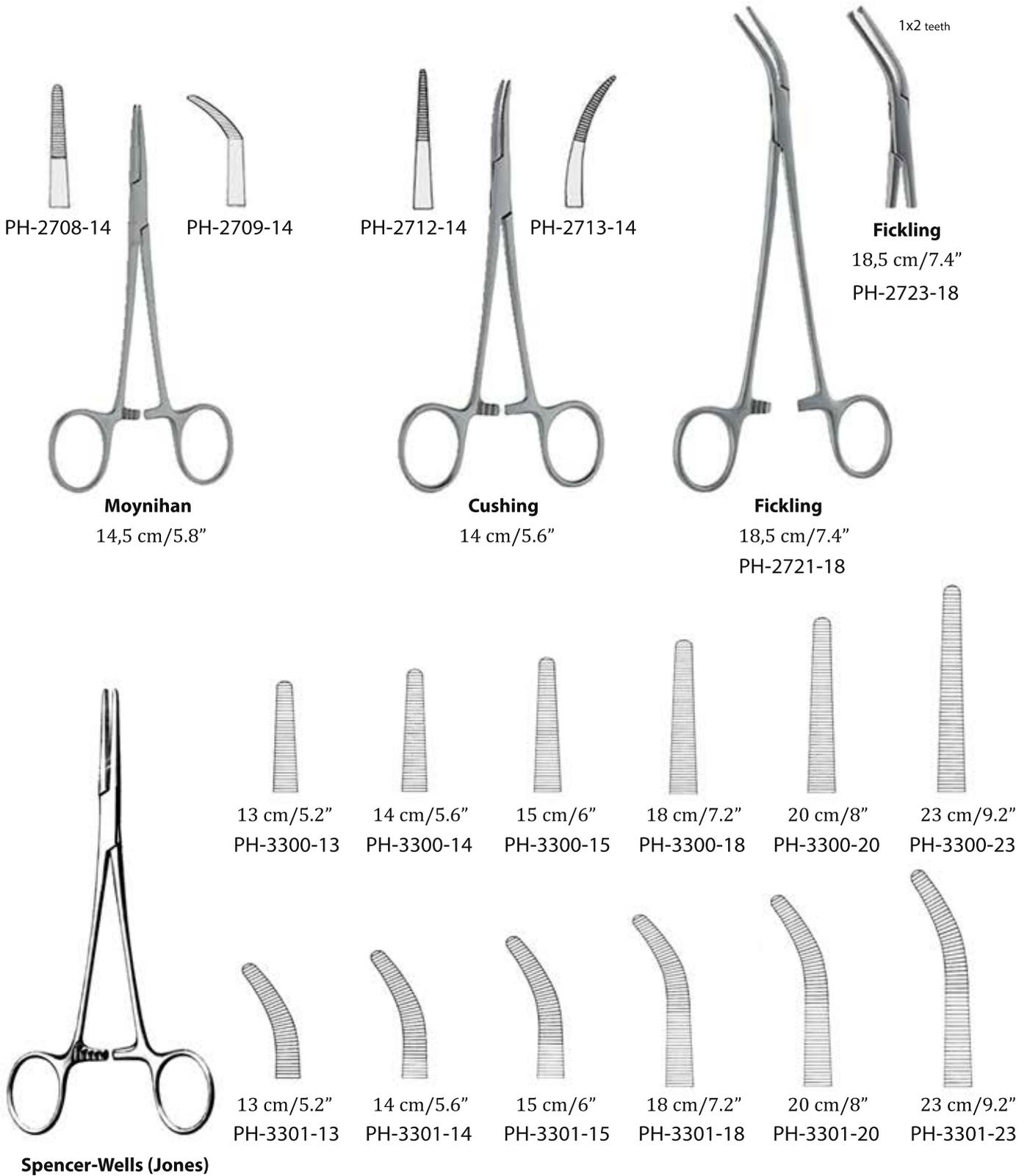
**Dunhill**

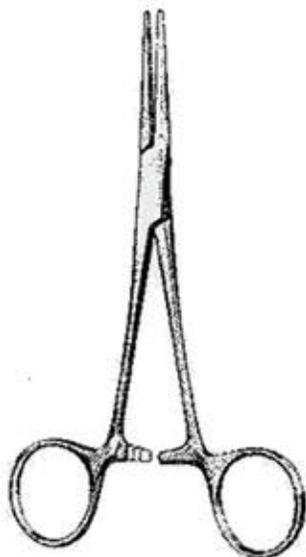
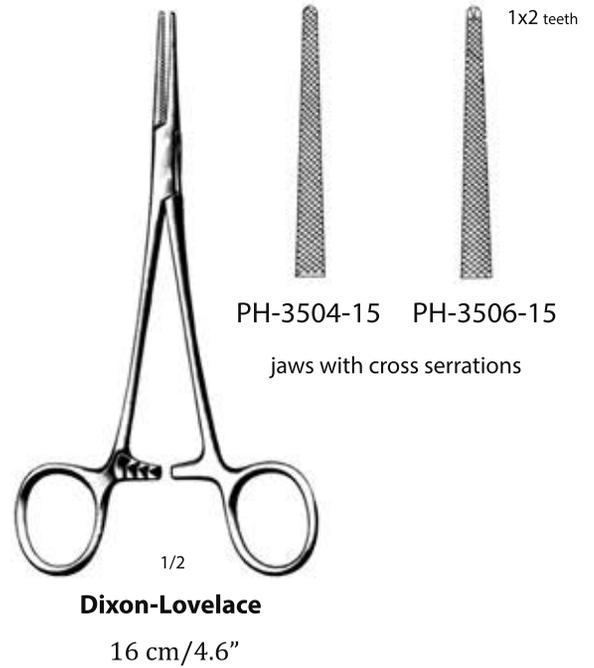
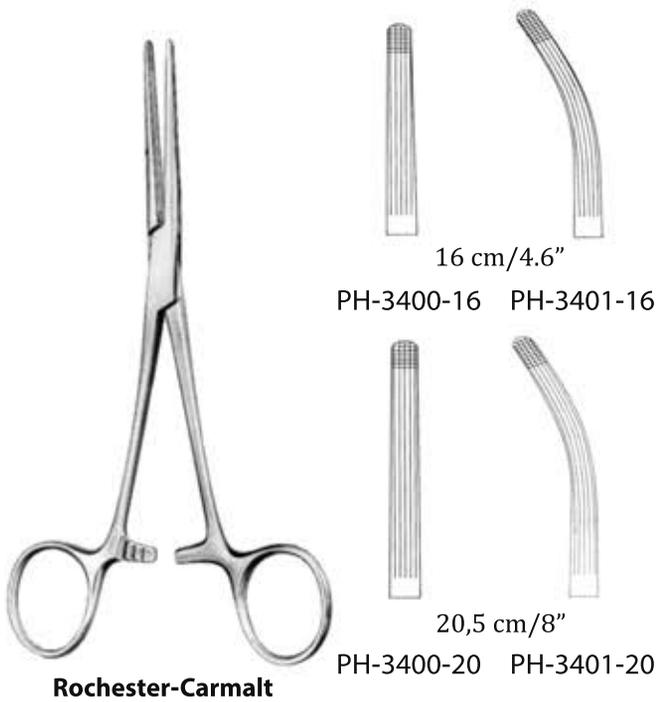
13 cm/5.2"



Rochester-Ochsner

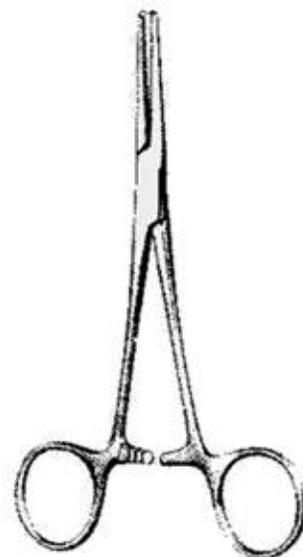






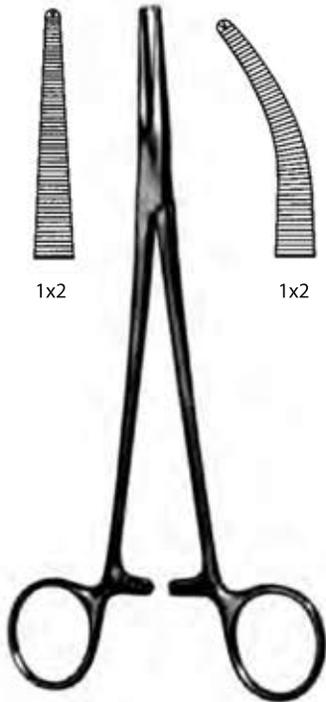
**Pean-Nippon**

str	cvd	cm
PH-2900-14	PH-2901-14	14 cm/5.6"
PH-2900-16	PH-2901-16	16 cm/4.6"
PH-2900-18	PH-2901-18	18 cm/7.2"



**Kocher-Nippon**

str	cvd
PH-2902-14	PH-2903-14
PH-2902-16	PH-2903-16
PH-2902-18	PH-2903-18



**Adson**

18 cm/7.2"

PH-4102-18

PH-4103-18



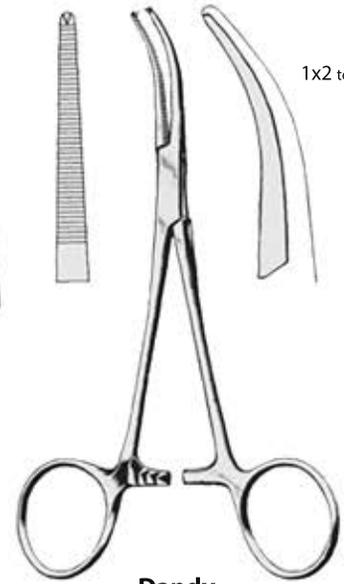
**Dandy**

12,5cm/5"

PH-3405-12 Mosquito

14 cm/5.6"

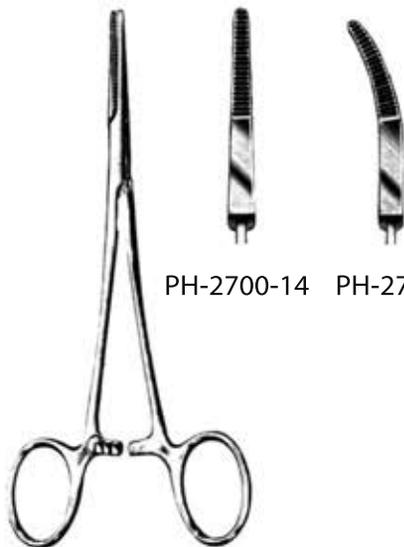
PH-3405-14



**Dandy**

14 cm/5.6"

PH-3407-14



**Providence-Jospital**

14 cm/5.6"

PH-2700-14

PH-2701-14



**Leriche**

15 cm/6"

1x2 teeth



PH-3800-15



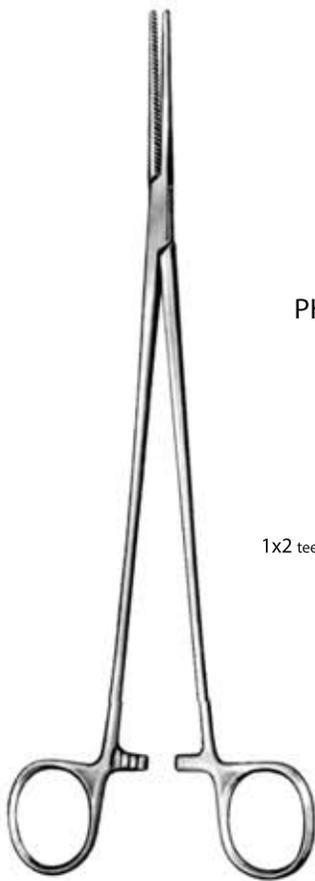
PH-3801-15



PH-3802-15



PH-3803-15



**Bengolea**

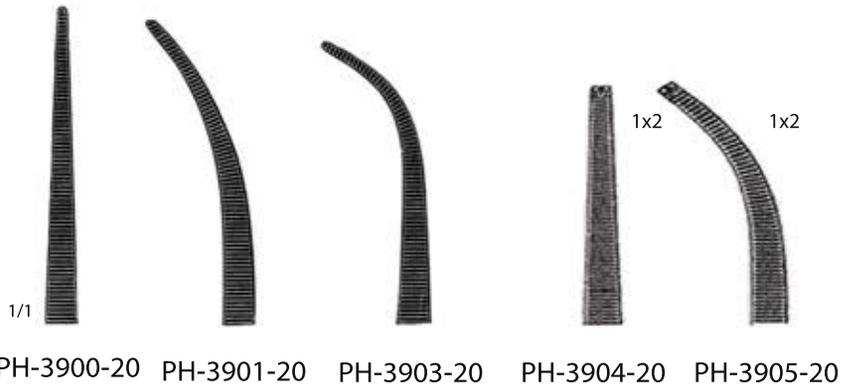
1x2 teeth

					
20 cm/8" PH-3804-20	24cm/9.6" PH-3804-24	26 cm/10.4" PH-3804-26	20 cm/8" PH-3805-20	24cm/9.6" PH-3805-24	26 cm/10.4" PH-3805-26
					
20 cm/8" PH-3806-20	24cm/9.6" PH-3806-24	26 cm/10.4" PH-3806-26	20 cm/8" PH-3807-20	24cm/9.6" PH-3807-24	26 cm/10.4" PH-3807-26



1/2

**Heiss**  
20 cm/8"



1/1

PH-3900-20

PH-3901-20

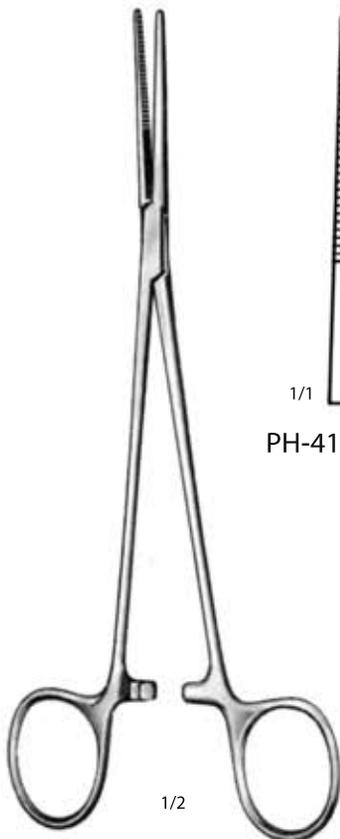
PH-3903-20

PH-3904-20

PH-3905-20

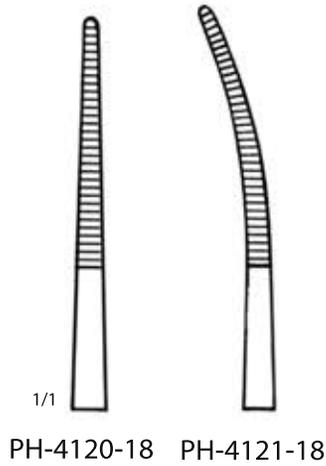
1x2

1x2



1/2

**Birkett**  
18 cm/7.2"



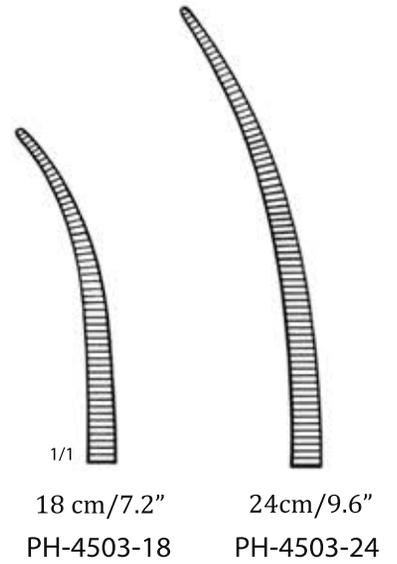
1/1

PH-4120-18

PH-4121-18



**Crafoord (Coller)**



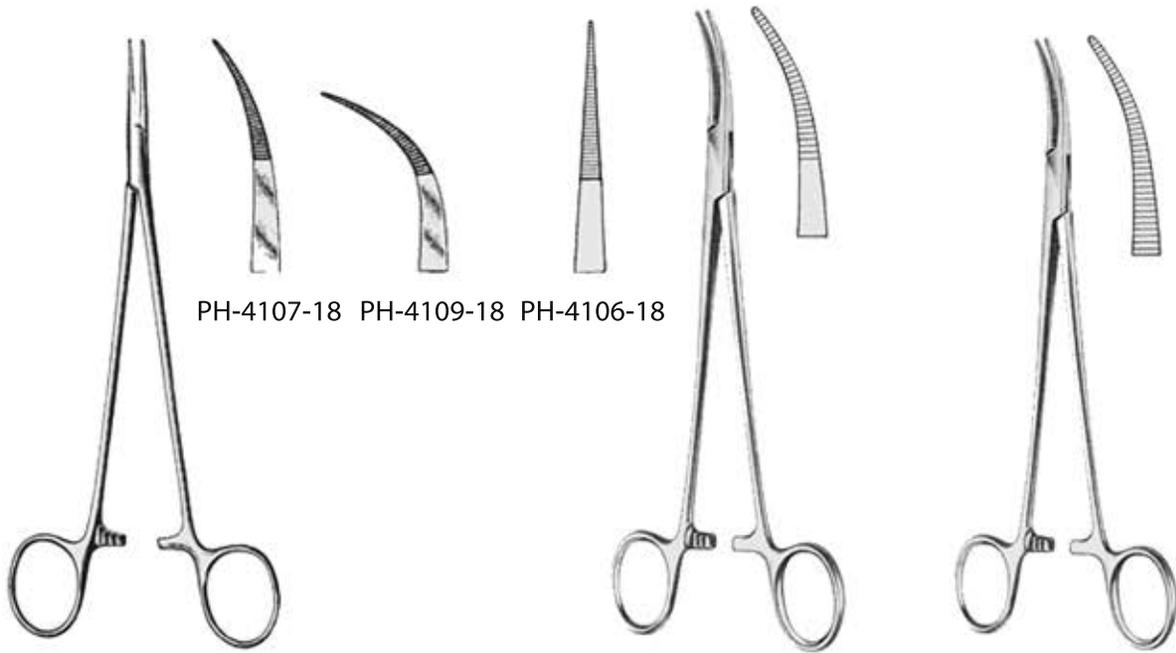
1/1

18 cm/7.2"

PH-4503-18

24cm/9.6"

PH-4503-24



PH-4107-18 PH-4109-18 PH-4106-18

**Jacobson**  
18 cm/7.2"

**Nissen**  
19 cm/7.6"  
PH-4111-19

**Fuchsig**  
19 cm/7.6"  
PH-4113-19



**Kelly**



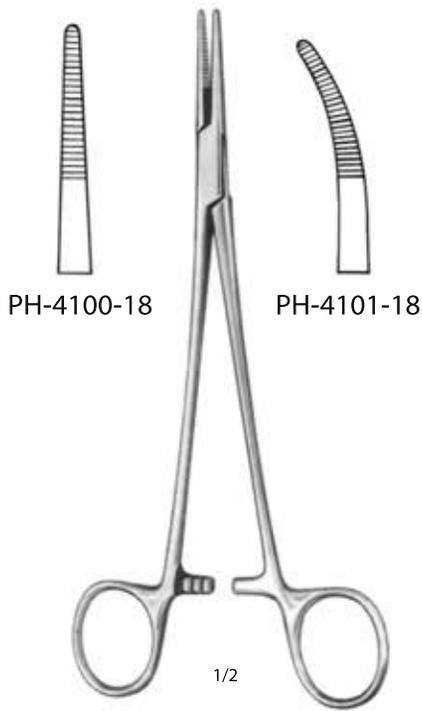
Fig. 1  
19 cm/7.6"  
PH-4161-19  
22 cm/8.8"  
PH-4161-22  
24cm/9.6"  
PH-4161-24



Fig. 2  
19 cm/7.6"  
PH-4163-19  
22 cm/8.8"  
PH-4163-22  
24cm/9.6"  
PH-4163-24



Fig. 3  
19 cm/7.6"  
PH-4165-19  
22 cm/8.8"  
PH-4165-22  
24cm/9.6"  
PH-4165-24



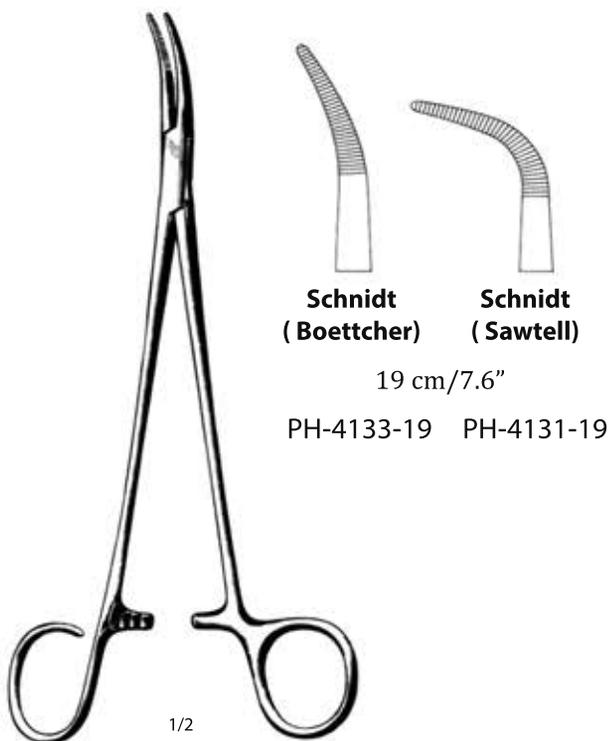
**Adson (Frasier)**  
18 cm/7.2"



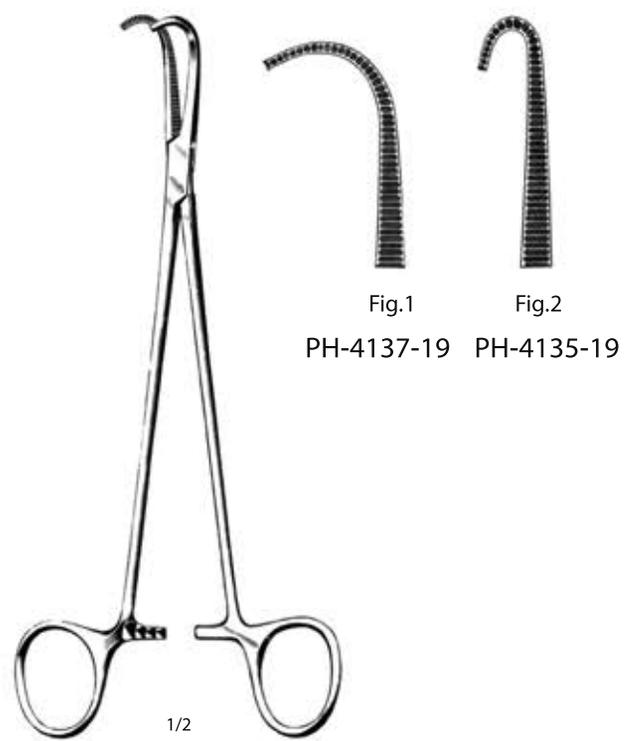
**Sawtell**  
19 cm/7.6"  
PH-4125-19



**Schnidt**  
19 cm/7.6"  
PH-4127-19



**Schnidt (Boettcher)**    **Schnidt (Sawtell)**  
19 cm/7.6"  
PH-4133-19    PH-4131-19



**Negus**  
19 cm/7.6"



**Baby-Overholt**  
 14 cm/5.6"  
 PH-4151-14



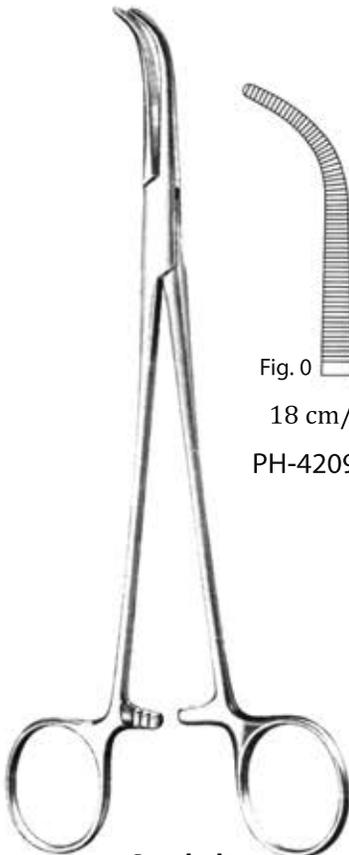
**Baby-Adson**  
 14 cm/5.6"  
 PH-4105-14



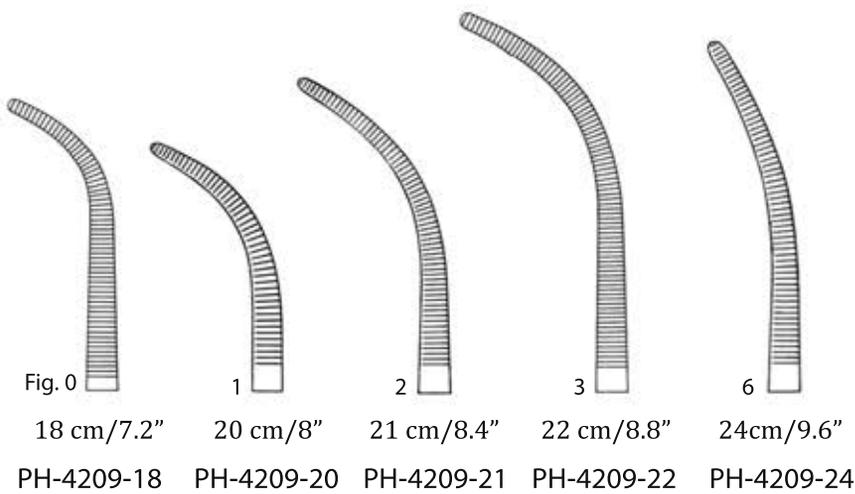
**Baby-Adson**  
 18 cm/7.2"  
 PH-4105-18



**Mixer**  
 22 cm/8.8"  
 PH-4703-22



**Overholt**  
 Delicate patten



**Overholt-Mixer**  
 21 cm/8.4"  
 PH-4691-21



**Overholt- Geissendoerfer**

PH-4201- ##



**Overholt- Geissendoerfer**

PH-4207- ##

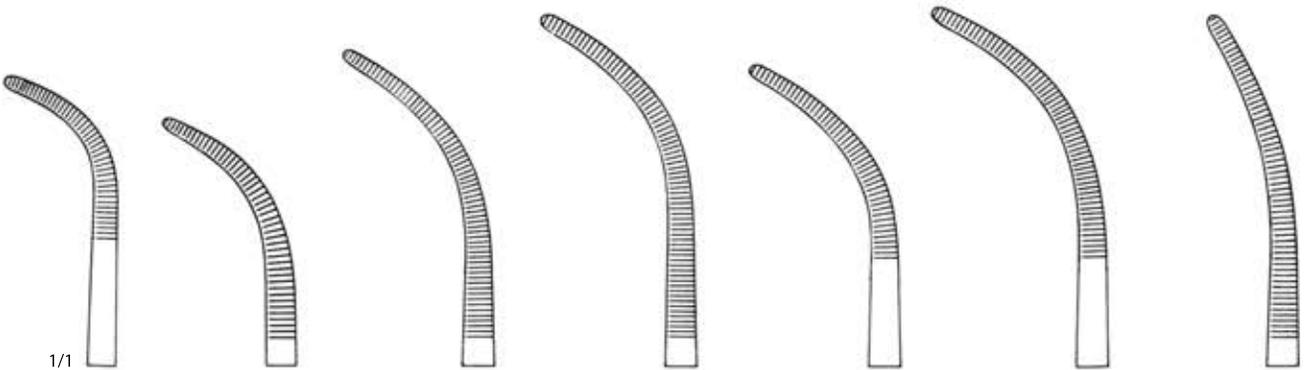
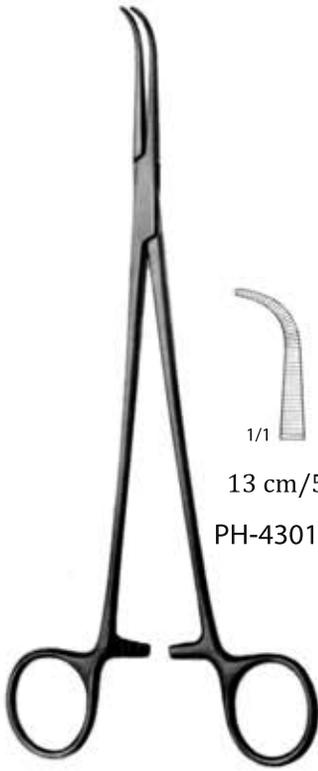
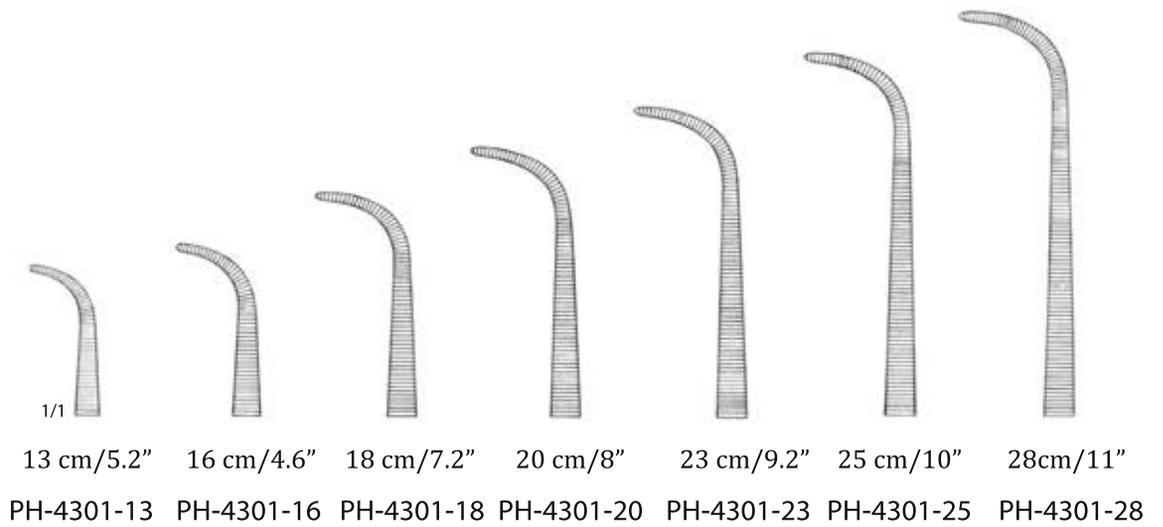


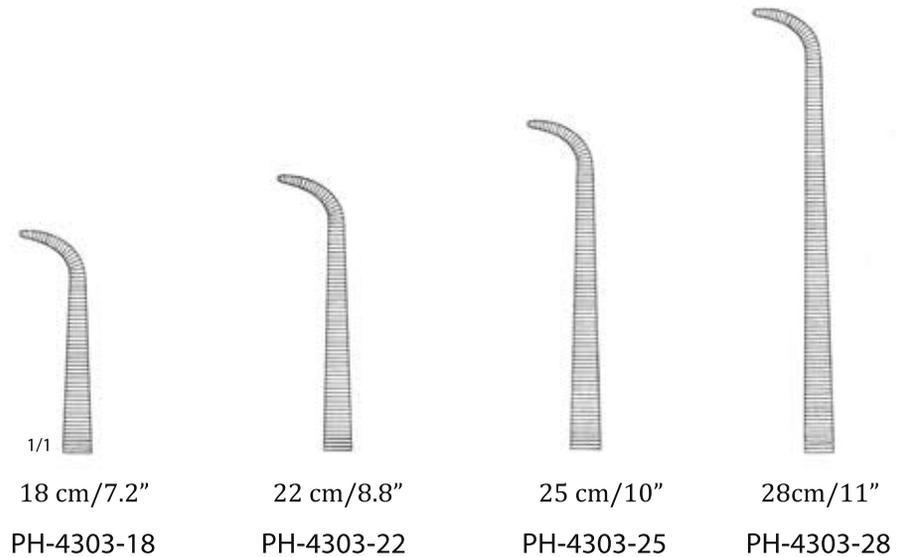
Fig. 0	1	2	3	4	5	6
19,5 cm/7.8"	21 cm/8.4"	22 cm/8.8"	22,5 cm/9"	21,5 cm/8.6"	22,5 cm/9"	22,5 cm/9"
PH-4201-01	PH-4201-02	PH-4201-03	PH-4201-04	PH-4201-05	PH-4201-06	PH-4201-07
26 cm/10.4"	27 cm/10.8"	27,5 cm/11"	27,5 cm/11"	27,5 cm/11"	28cm/11"	27,5 cm/11"
PH-4207-01	PH-4207-02	PH-4207-03	PH-4207-04	PH-4207-05	PH-4207-06	PH-4207-07



**Gemini (DeBakey-Mixer)**



**Gemini-Mini (Mixer)**





1/4  
 19 cm/7.6"  
 PH-4601-19



24cm/9.6"  
 PH-4601-24



28cm/11"  
 PH-4601-28



**Wikstroem**  
 PH-4521-21 21 cm/8.4"  
 PH-4521-24 24cm/9.6"



**Rumel**  
 23 cm/9.2"



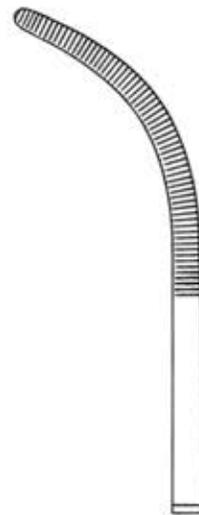
PH-4401-01



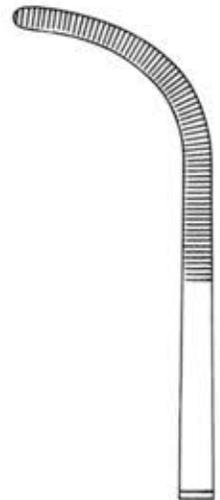
PH-4401-02



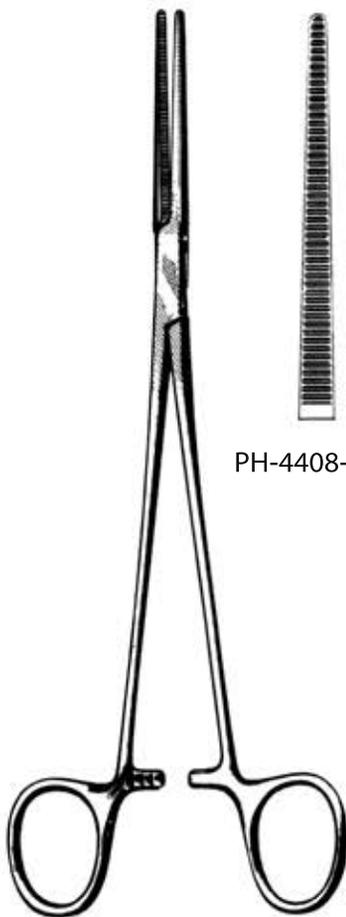
PH-4401-03



PH-4401-04



PH-4401-05

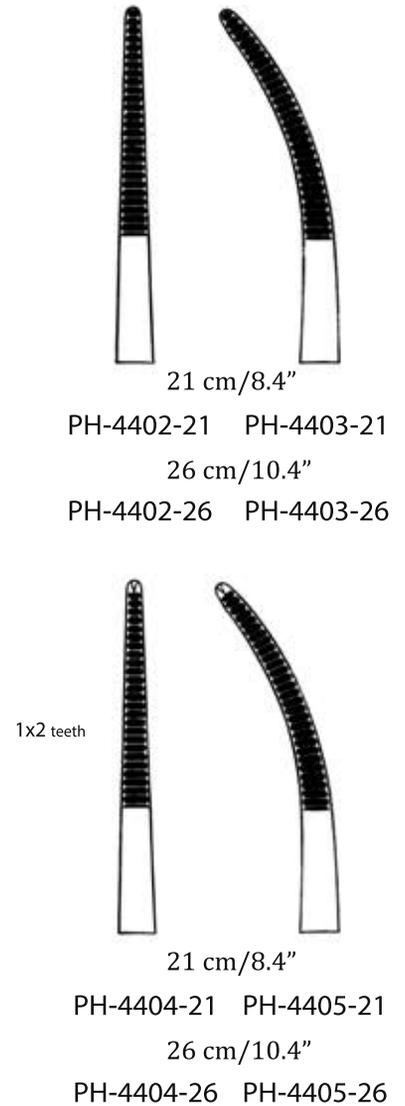


**Roberts**

22 cm/8.8"



**Toennis**





1/2  
**Zenker**  
30 cm/12"



1/1  
PH-4505-01

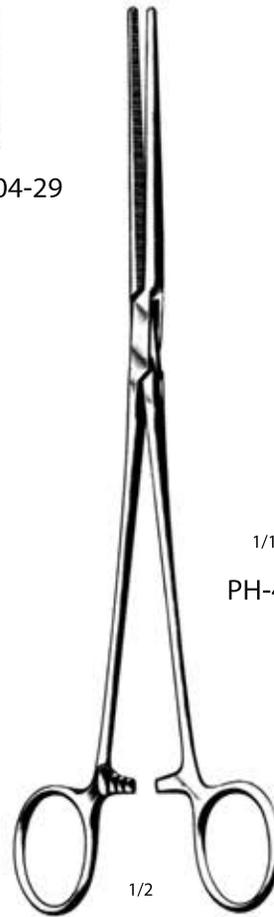


PH-4505-02



PH-4504-29

### Thoracic Artery Forceps



1/2  
**Sarot**  
24 cm/9.6"



1/1  
PH-4500-24



PH-4501-24



**Bridge**  
28 cm/11.2"

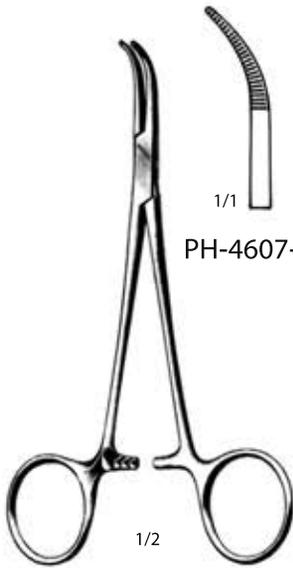
PH-4512-28 PH-4513-28



**Meeker**  
18,5 cm/7.4"  
PH-4509-18  
28 cm/11.2"  
PH-4509-28



**Lawrence**  
28 cm/11.2"  
PH-4507-28



PH-4607-14

**Baby-Mixer**  
 14 cm/5.6"



PH-4609-14



**Baby-Mixer**  
 14 cm/5.6"  
 PH-4705-14



**Baby-Mixer**  
 18 cm/7.2"  
 PH-4705-18



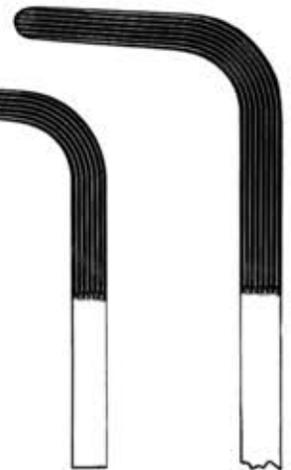
**Mixer-O'Shaugnessy**  
 15 cm/6"      19 cm/7.6"  
 PH-4707-15    PH-4707-19



PH-4709-22  
 22 cm/8.8"

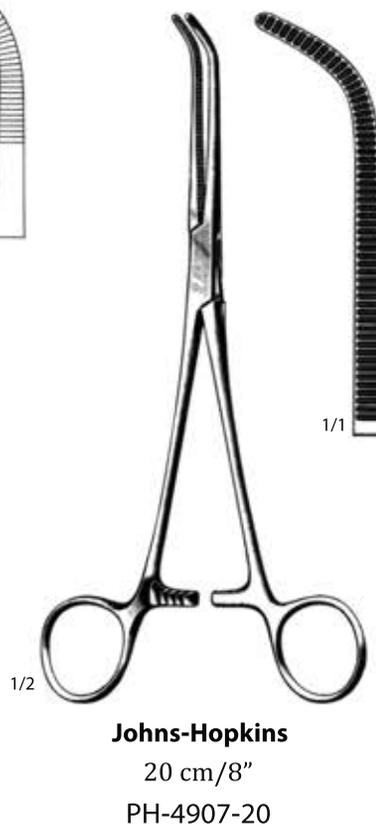
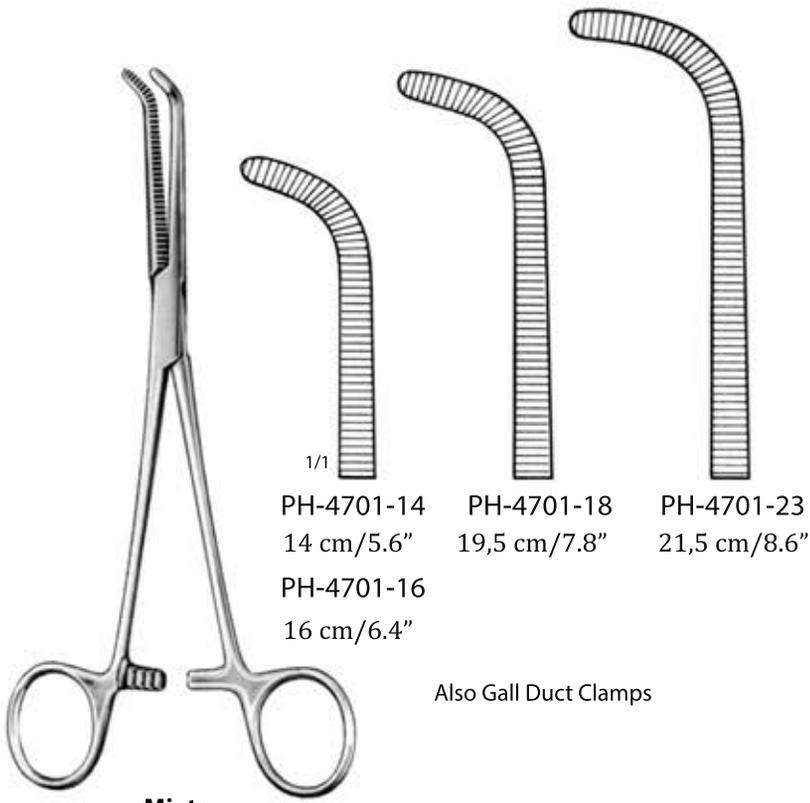


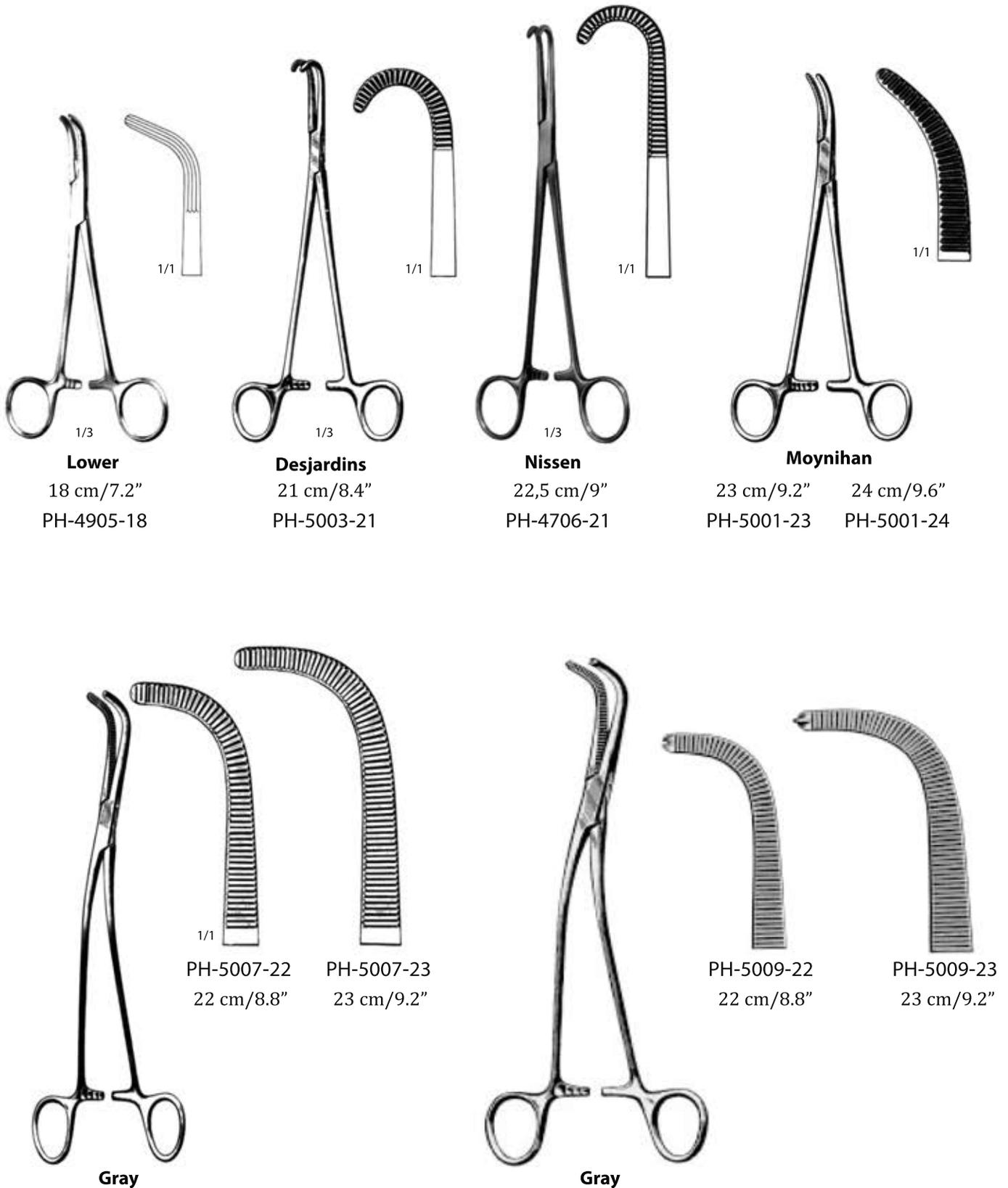
PH-4709-25  
 25 cm/10"

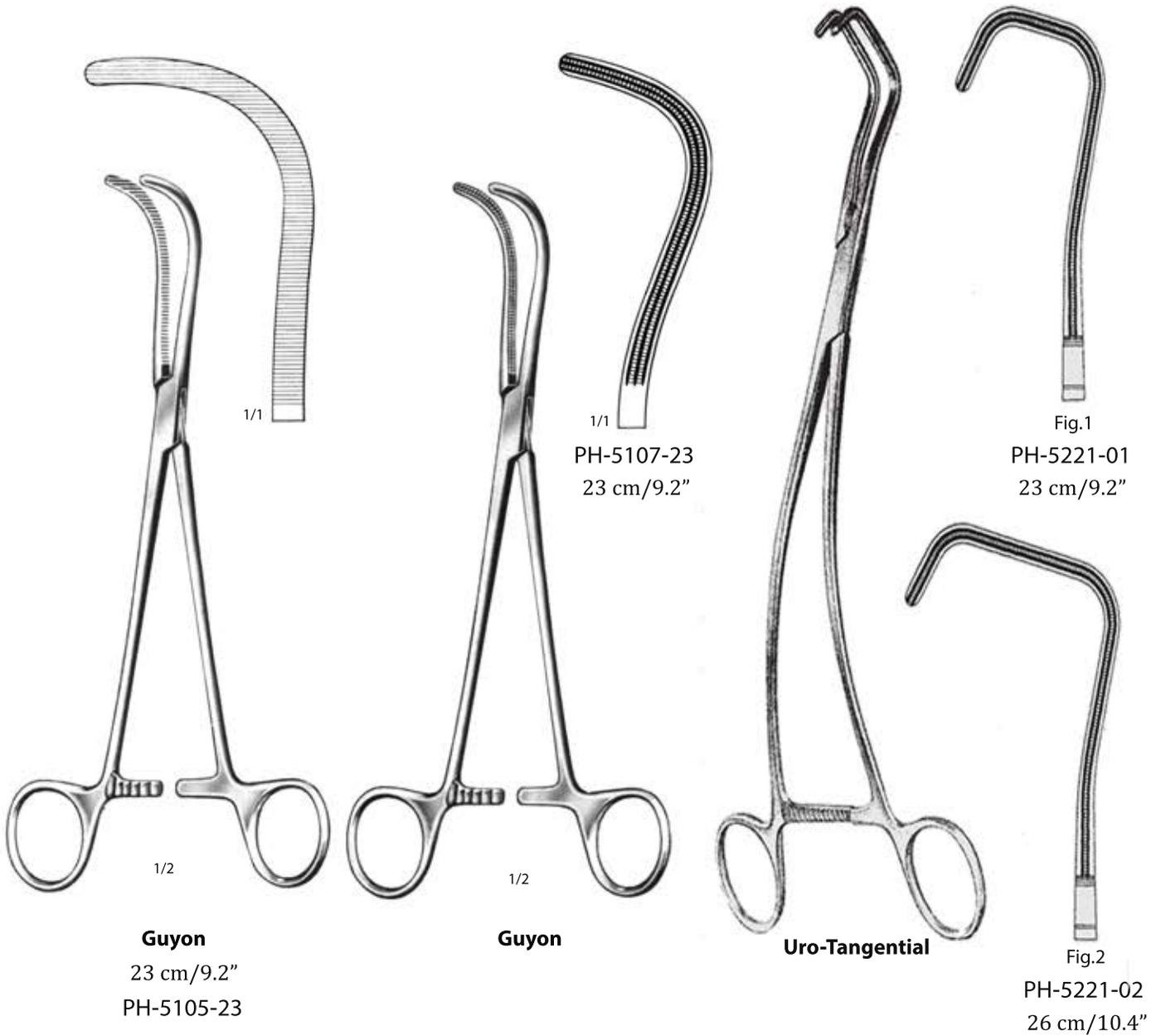


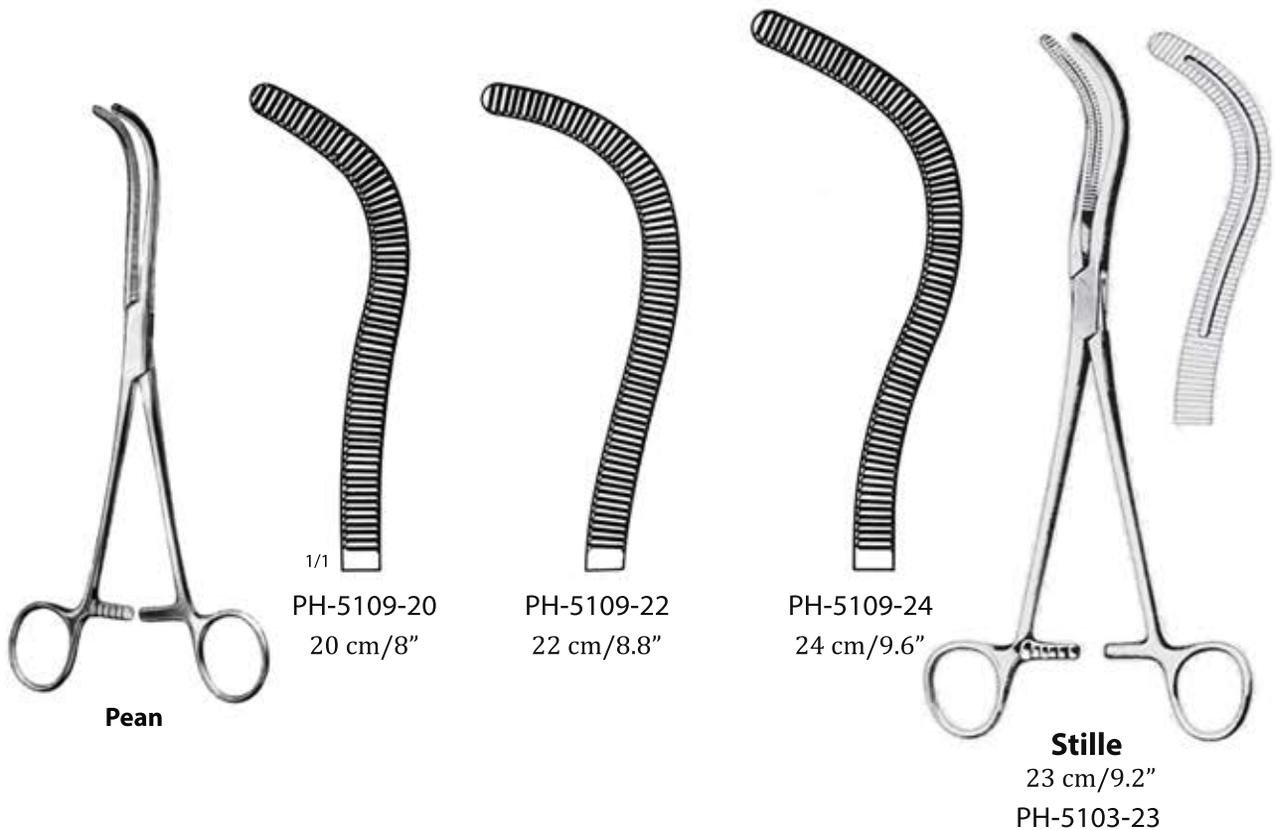
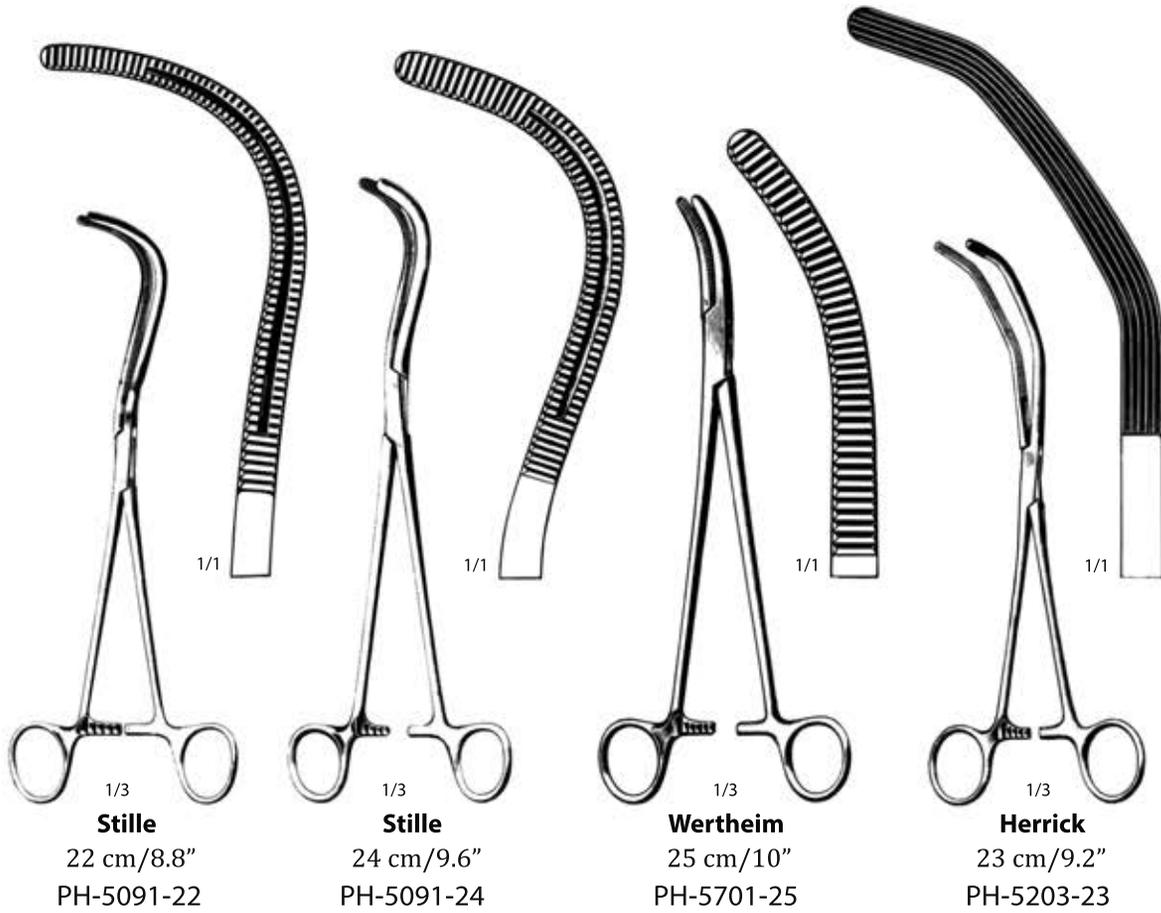
PH-4709-28  
 28 cm/11.2"

**Mixer**

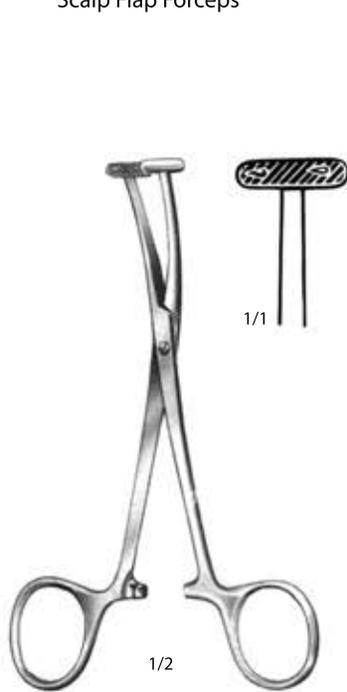








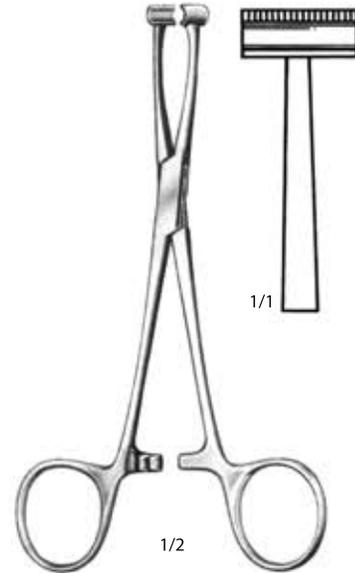
### Scalp Flap Forceps



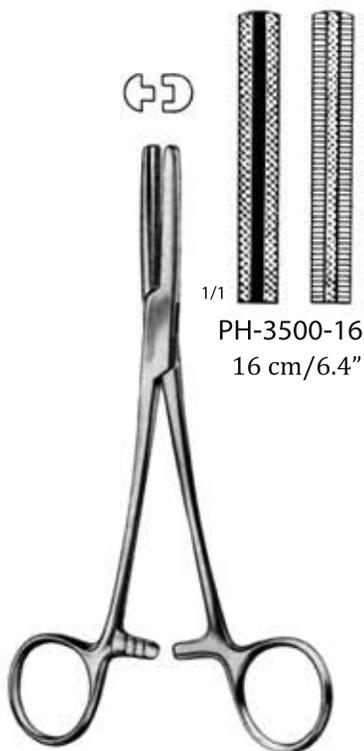
**DeMartel**  
14 cm/5.6"  
PH-3604-14



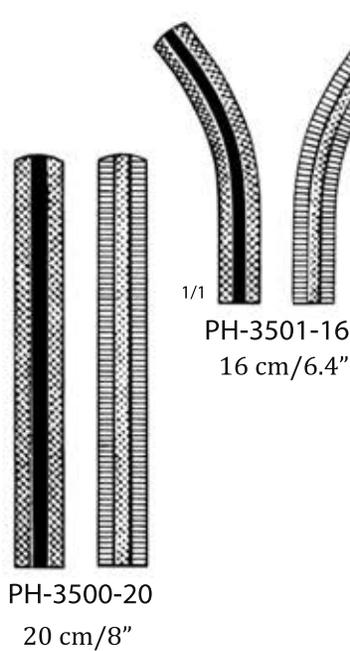
**DeMartel (Willett)**  
18 cm/7.2"  
PH-3606-19



**Pratt**  
15 cm/6"  
PH-3600-15

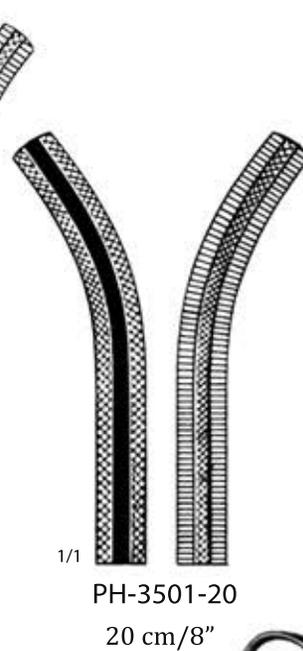


**Fergusson**



PH-3500-20  
20 cm/8"

PH-3501-16  
16 cm/6.4"

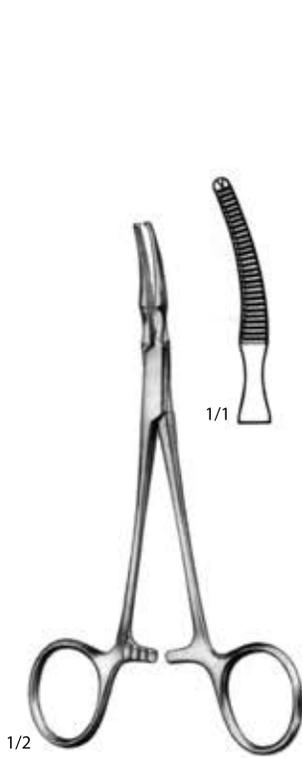


PH-3501-20  
20 cm/8"

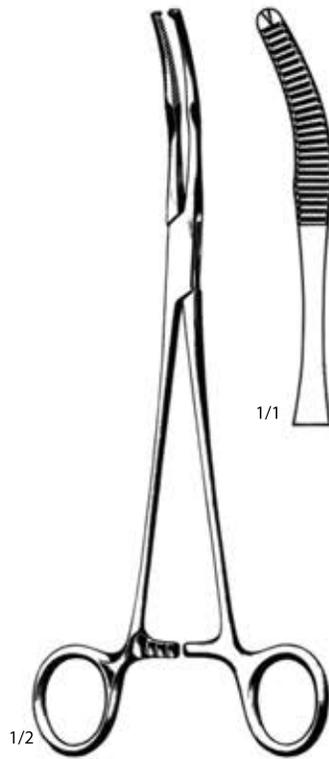
### Haemorrhoidal Forceps



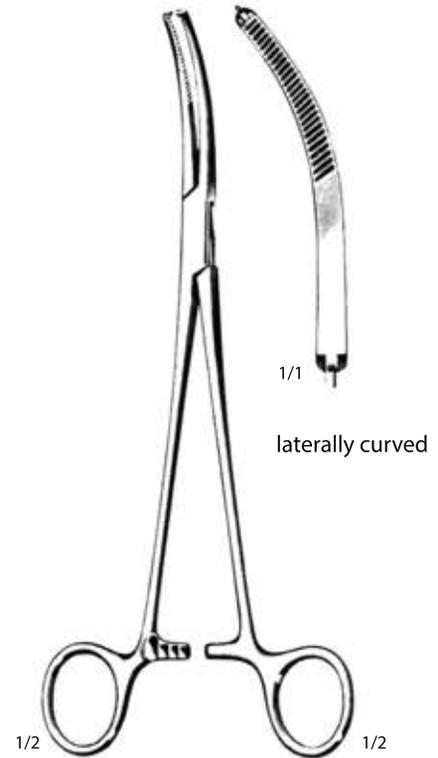
**Fergusson**



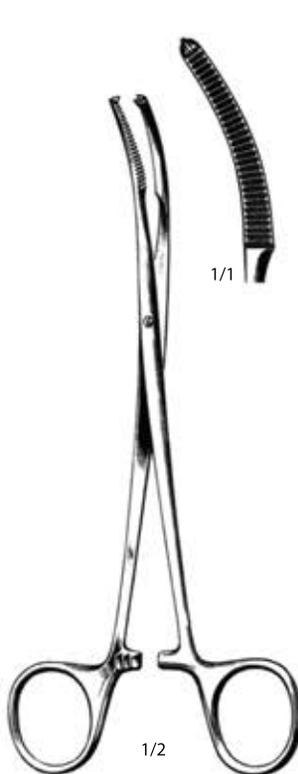
**Baby-Mikulicz**  
14 cm/5.6"  
PH-5481-14



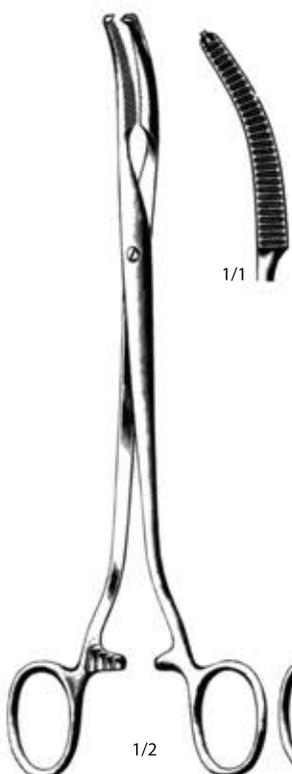
**Mikulicz**  
20 cm/8"  
PH-5483-18



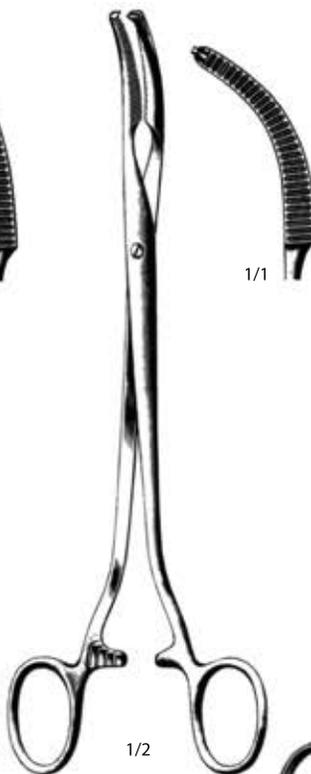
**Mikulicz**  
20 cm/8"  
PH-5485-20



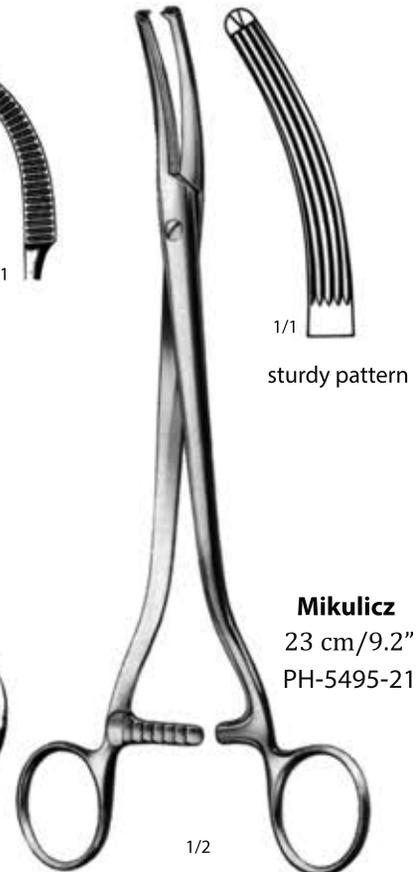
**Mikulicz**  
18 cm/7.2"  
PH-5493-18



**Mikulicz**  
20 cm/8"  
PH-5503-20



**Mikulicz**  
20 cm/8"  
PH-5501-20

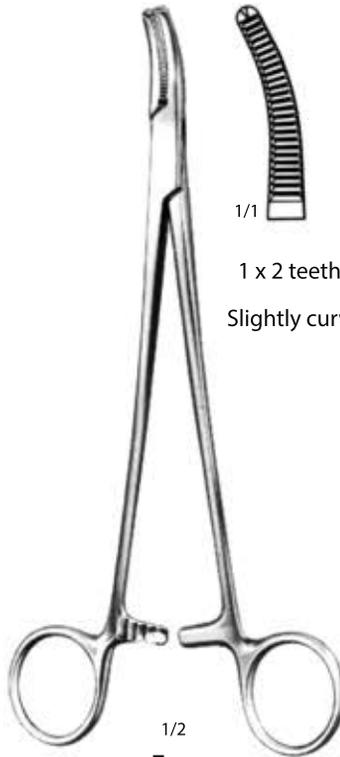


**Mikulicz**  
23 cm/9.2"  
PH-5495-21

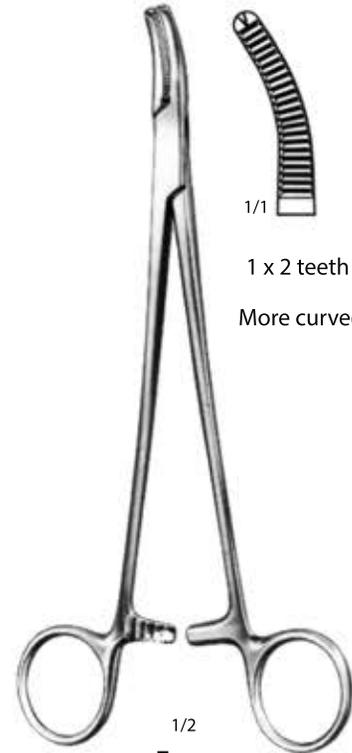
### Peritoneal Clamp Forceps



Straight **Maingot** Curved  
PH-5912-20 20 cm/8" PH-5913-20  
25 cm/10" PH-5913-25



1/2  
**Faure**  
20 cm/8"  
PH-5601-20



1/2  
**Faure**  
20 cm/8"  
PH-5603-20

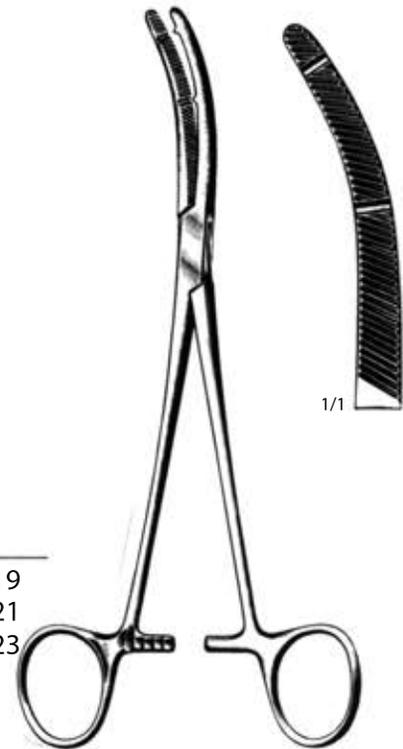
1/1  
1 x 2 teeth  
Slightly curved

1/1  
1 x 2 teeth  
More curved

### Hysterectomy Forceps

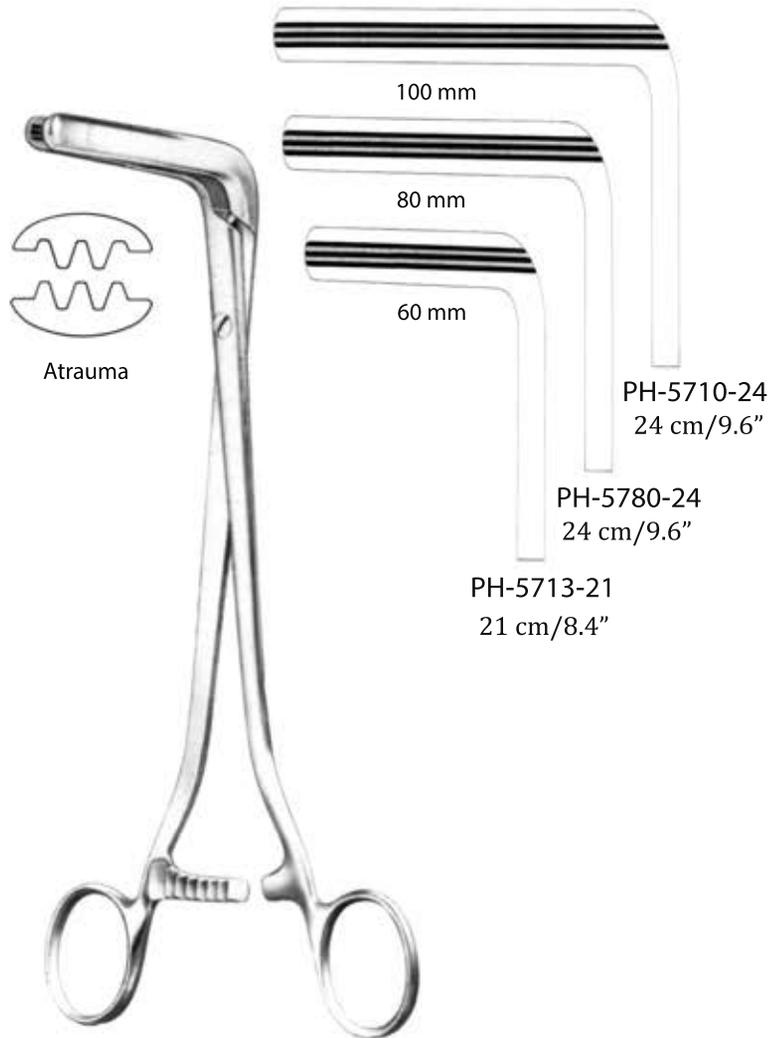


Heaney	cm	inch	Heaney
PH-5901-19	19	7.6	PH-5903-19
PH-5901-21	21	8.4	PH-5903-21
PH-5901-23	23	9.2	PH-5903-23





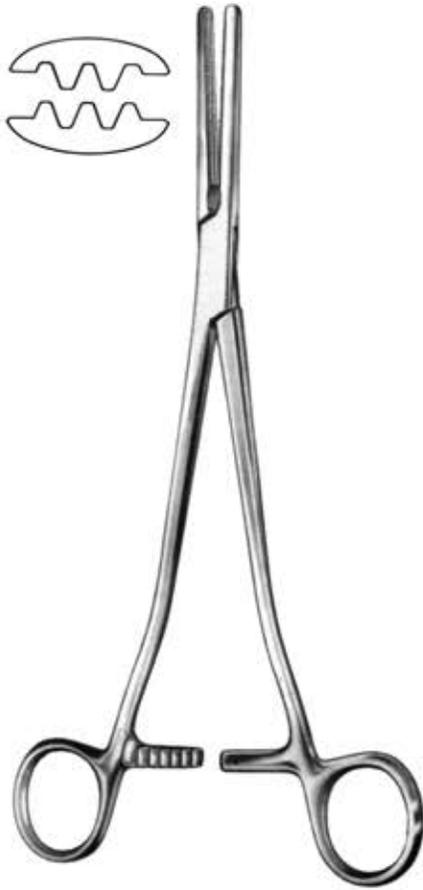
**Wertheim-Cullen**  
21 cm/8.4"  
PH-5709-21



**Wertheim**  
24 cm/9.6"

PH-5710-24  
24 cm/9.6"  
PH-5780-24  
24 cm/9.6"  
PH-5713-21  
21 cm/8.4"

Clamps Atraumatic Parametrium



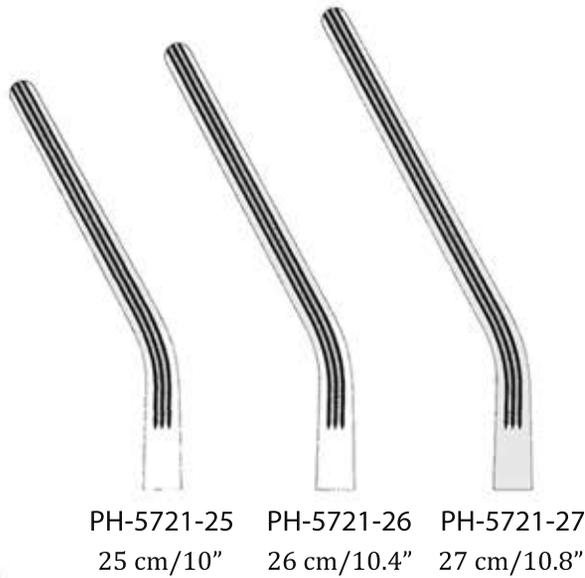
1/1				
	PH-5730-22 22 cm/8.8"	PH-5735-20 22 cm/8.8"	PH-5733-21 21 cm/8.4"	PH-5731-21 20 cm/8"
<b>Rogers (Heaney)</b>				
	PH-5740-25 25 cm/10"	PH-5745-23 25 cm/10"	PH-5743-24 24 cm/9.6"	PH-5741-25 23 cm/9.2"
<b>Rogers (Wertheim)</b>				

1/3						
		PH-5691-22 Slightly curved	PH-5693-22 More curved		PH-5703-22 Slightly curved	PH-5705-23 More curved
	<b>Wertheim</b> 23 cm/9.2"			<b>Wertheim</b> 23 cm/9.2"		

Atrauma



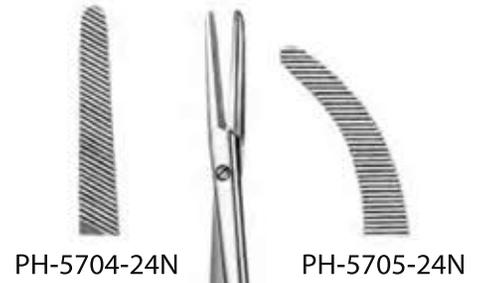
**Dick**



PH-5721-25  
25 cm/10"

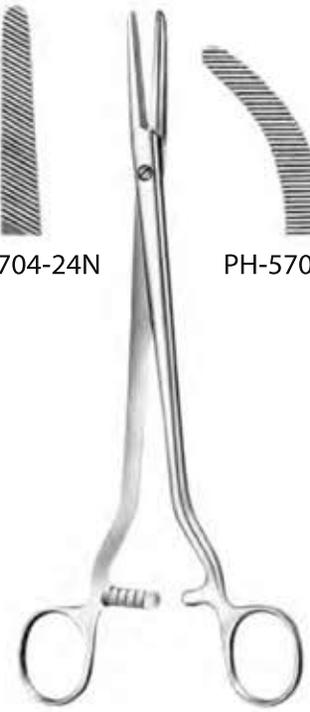
PH-5721-26  
26 cm/10.4"

PH-5721-27  
27 cm/10.8"



PH-5704-24N

PH-5705-24N



**Segond-Landau**  
24 cm/9.6"

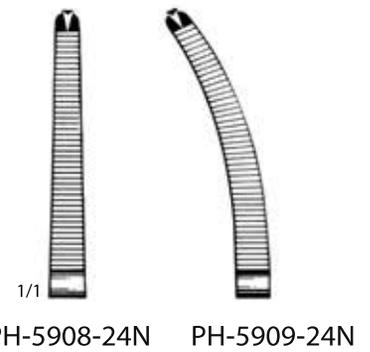
1 x 2 teeth

1 x 2 teeth



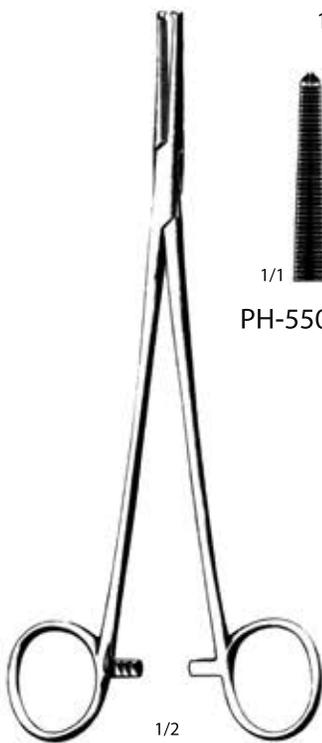
1/1  
PH-5504-21

PH-5505-21

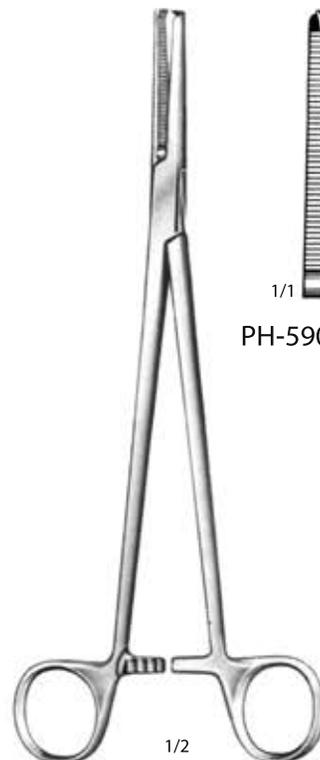


1/1  
PH-5908-24N

PH-5909-24N



1/2  
**Phaneuf**  
21,5 cm/8.6"



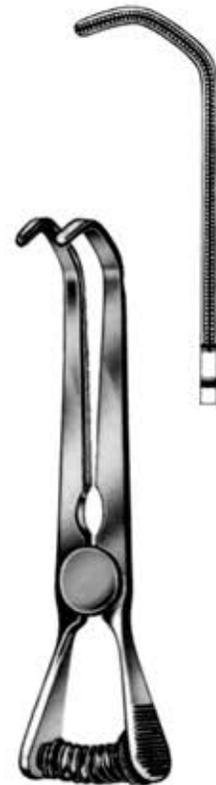
1/2  
**Holzbach**  
23,5 cm/9.4"



**DeBakey-Satinsky**  
70 mm  
PH-0509-07



**DeBakey-Carotid**  
90 mm  
PH-0601-09



**DeBakey-Satinsky**  
100 mm  
PH-0603-10



**Glover**  
55 mm  
PH-0605-06

1/1



**Mini-Glover (Weldon)**



PH-0700-35



PH-0701-35



PH-0703-35



PH-0705-35



**DeBakey-Hess**  
PH-1102-20 PH-1102-30  
20 mm 30 mm  
Length of jaw

Overall length (mm)	Jaw length (mm)	Weight (g)
35	14	12



	PH-0708-10	PH-0708-14	PH-0708-20	PH-0709-10	PH-0709-14	PH-0709-20	PH-0709-20N
Length	47 mm	51 mm	57 mm	44 mm	46 mm	49 mm	54 mm
Jaws	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm	20 mm
Weight	3 gr.						
Pressure	180 gr.						

### DeBakey-Diethrich

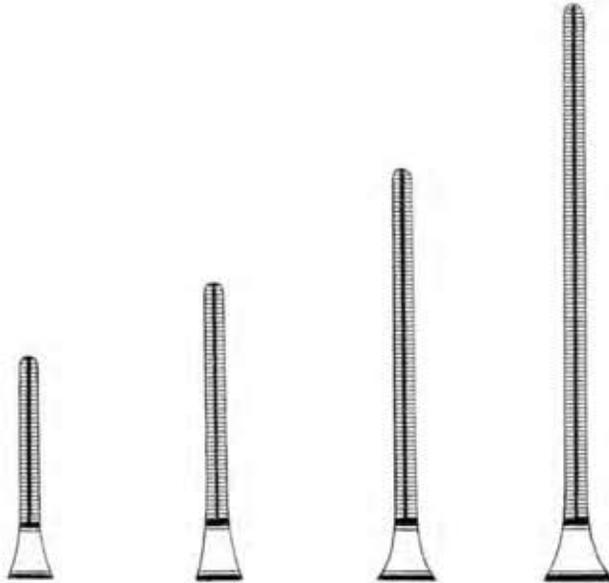


	PH-0802-08	PH-0802-12	PH-0802-16	PH-0803-08	PH-0803-12	PH-0803-16
Length	49 mm	53 mm	59 mm	43 mm	45 mm	50 mm
Jaws	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
Weight	3 gr.					
Pressure	80 gr.					

### Diethrich



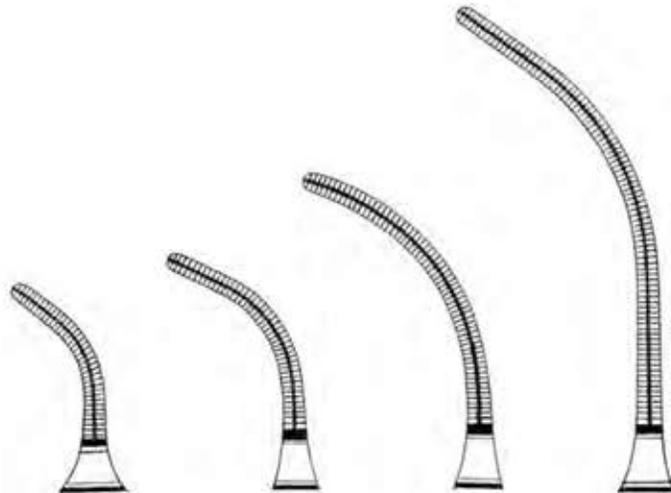
**Cooley**



	PH-0804-08	PH-0804-09	PH-0804-10	PH-0804-12
Overall length	80 mm	90 mm	105 mm	125 mm
Jaws length	20 mm	30 mm	45 mm	68 mm
Weight	10 gr.	11 gr.	12 gr.	14 gr.



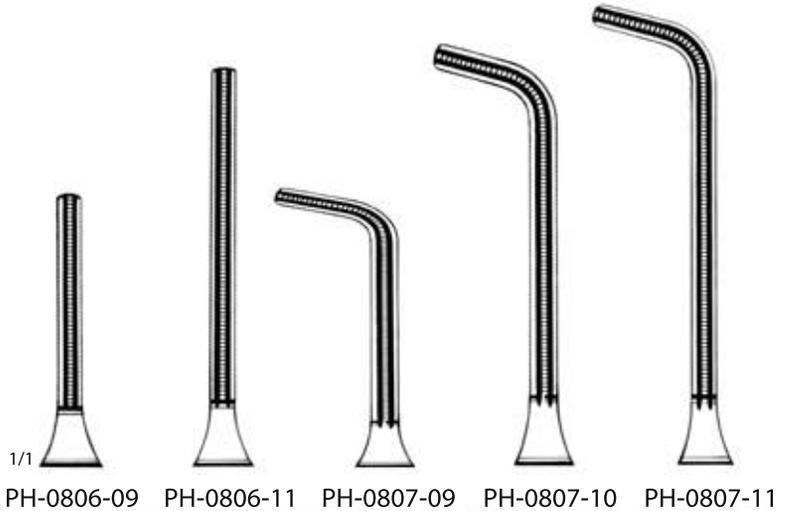
**Cooley**



	PH-0805-08	PH-0805-09	PH-0805-10	PH-0805-12
Overall length	75 mm	85 mm	95 mm	115 mm
Jaws length	20 mm	30 mm	45 mm	68 mm
Weight	10 gr.	11 gr.	12 gr.	14 gr.

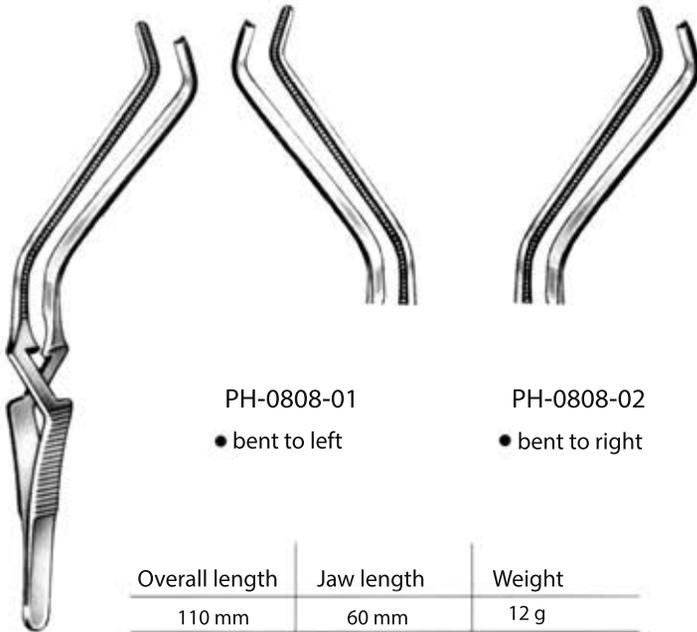


**Gregory (Soft)**



	1/1 PH-0806-09	PH-0806-11	PH-0807-09	PH-0807-10	PH-0807-11
Overall length	90 mm	110 mm	90 mm	105 mm	110 mm
Jaw length	27 mm	44 mm	27 mm	55 mm	60 mm
Weight	11 gr.	12 gr.	11 gr.	12 gr.	12 gr.

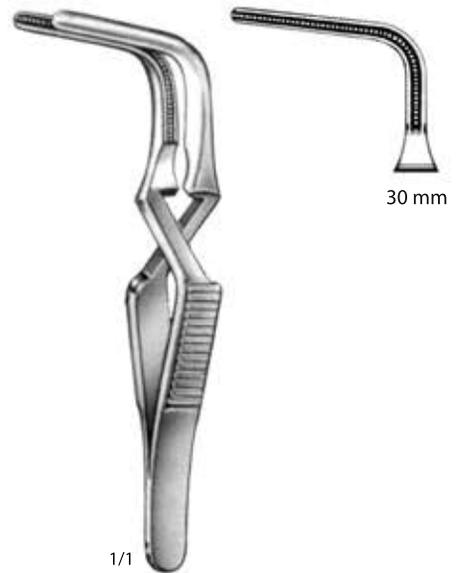
"Soft" Bulldog Clamps



PH-0808-01  
• bent to left

PH-0808-02  
• bent to right

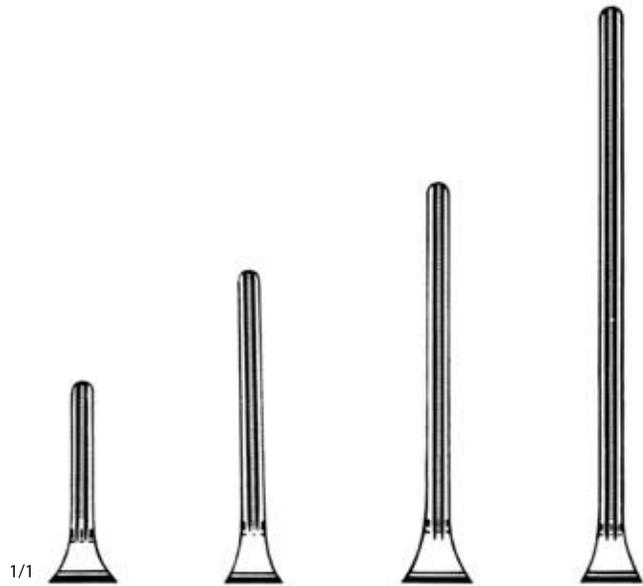
Overall length	Jaw length	Weight
110 mm	60 mm	12 g



1/1  
**Santulli**  
7 cm/2.8"  
PH-0809-07



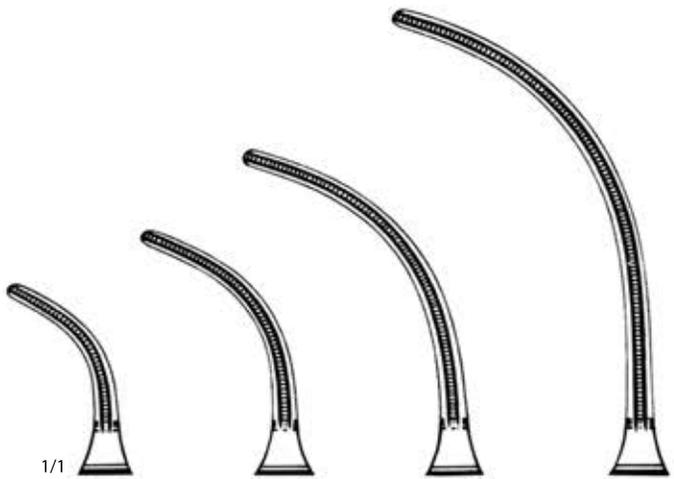
**DeBakey**



	PH-0902-07	PH-0902-08	PH-0902-10	PH-0902-12
Overall length	80 mm	90 mm	105 mm	125 mm
Jaw length	20 mm	30 mm	45 mm	68 mm
Weight	10 gr.	11 gr.	12 gr.	14 gr.



**DeBakey**



	PH-0903-07	PH-0903-08	PH-0903-10	PH-0903-12
Overall length	75 mm	85 mm	95 mm	115 mm
Jaw length	20 mm	30 mm	45 mm	68 mm
Weight	10 gr.	11 gr.	12 gr.	14 gr.



**Glover**

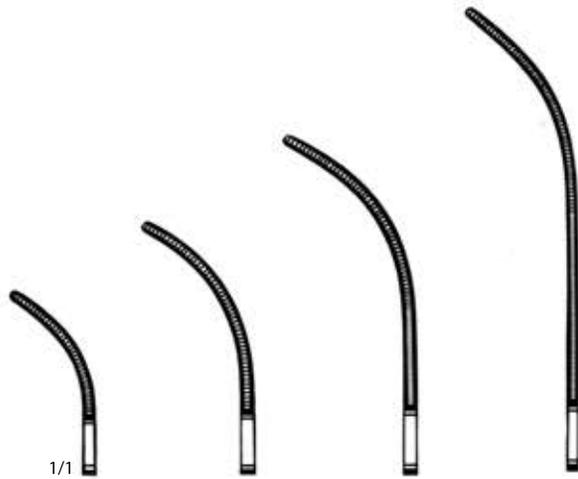


	PH-0906-06	PH-0906-07	PH-0906-09	PH-0906-11
Overall length	50 mm	68 mm	85 mm	105 mm
Jaw length	20 mm	30 mm	43 mm	56 mm
Weight	5 gr.	9 gr.	12 gr.	14 gr.

closing pressure adjustable



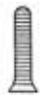
**Glover**



	PH-0907-06	PH-0907-07	PH-0907-09	PH-0907-11
Overall length	46 mm	64 mm	78 mm	100 mm
Jaw length	20 mm	30 mm	43 mm	56
Weight	5 gr.	9 gr.	12 gr.	14 gr.



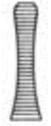
**Dieffenbach**



PH-1002-04  
35 mm/1.4"



PH-1003-04  
35 mm/1.4"



PH-1002-05  
55 mm/2.75"



PH-1003-05  
55 mm/2.75"



PH-1002-06  
60 mm/3"



PH-1003-06  
60 mm/3"



**Johns-Hopkins**

Straight



PH-1100-50



PH-1100-55



PH-1100-65

Curved

PH-1101-50  
50 mm/2"

PH-1101-55  
55 mm/2.75"

PH-1101-65  
65 mm/3.25"



Straight

PH-1100-70



PH-1100-75



PH-1100-90

Curved

PH-1101-70  
70 mm/3.5"

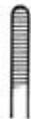
PH-1101-75  
75mm/3"

PH-1101-90  
90 mm/3.6"



**Johns-Hopkins**  
23 cm/9.2"  
PH-0901-23

Featherlight Bulldog Clamps



PH-1144-31N



PH-1144-35N



PH-1144-39N



PH-1145-30N



PH-1145-33N



PH-1145-36N



	PH-1144-31N	PH-1144-35N	PH-1144-39N	PH-1145-30N	PH-1145-33N	PH-1145-36N
Length	31 mm	35 mm	39 mm	30 mm	33 mm	36 mm
Jaws	10 mm	14 mm	18 mm	10 mm	14 mm	18 mm
Weight	1 gr.					
Pressure	30 gr.					