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# AME SURGICAL INSTRUMENTS

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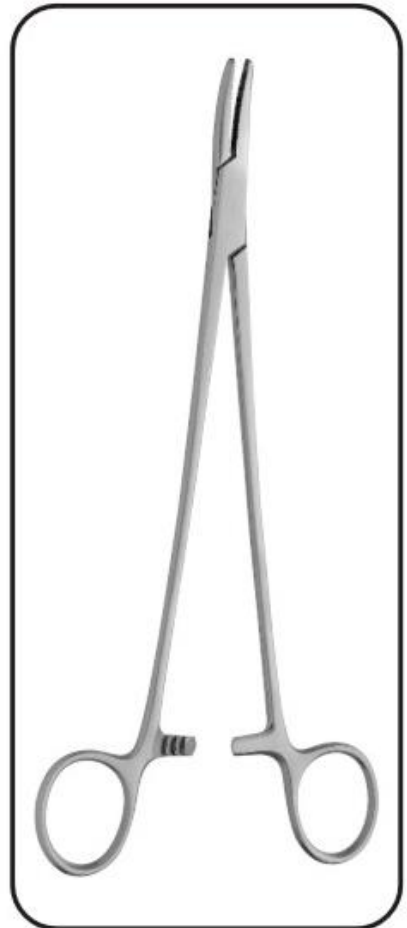
Needle Holders



AME GLOBAL FZE  
[www.ameglobalfze.com](http://www.ameglobalfze.com)

- **NEEDLE HOLDERS**
- **REVERDIN NEEDLES**

- **SUTURE INSTRUMENTS**
- **GENERAL INSTRUMENTS**





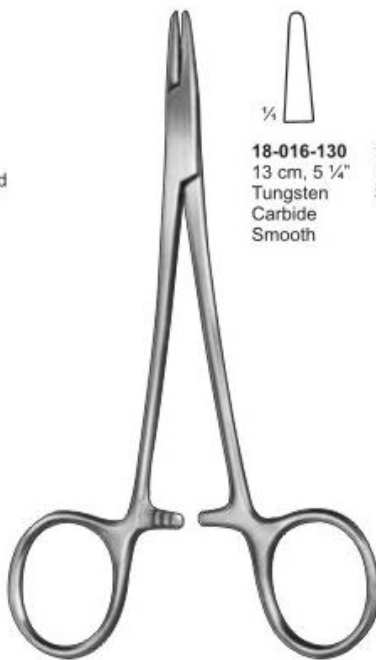
**MAYO-HEGAR**

<b>18-001-140</b> 14 cm, 5 1/2" Serrated-Grooved	<b>18-002-160</b> 16 cm, 6 1/4" Serrated-Grooved	<b>18-003-180</b> 18 cm, 7" Serrated-Grooved	<b>18-004-200</b> 20 cm, 8" Serrated-Grooved	<b>18-005-240</b> 24 cm, 9 3/4" Serrated-Grooved	<b>18-006-260</b> 26 cm, 10 1/4" Serrated-Grooved	<b>18-007-305</b> 30.5 cm, 12" Serrated-Grooved
<b>18-008-140</b> 14 cm, 5 1/2" Serrated-Grooved Curved	<b>18-009-160</b> 16 cm, 6 1/4" Serrated-Grooved Curved	<b>18-010-180</b> 18 cm, 7" Serrated-Grooved Curved	<b>18-011-200</b> 20 cm, 8" Serrated-Grooved Curved	<b>18-012-240</b> 24 cm, 9 3/4" Serrated-Grooved Curved	<b>18-013-260</b> 26 cm, 10 1/4" Serrated-Grooved Curved	<b>18-014-305</b> 30.5 cm, 12" Serrated-Grooved Curved



**BAUMGARTNER**

**18-015-140**  
14 cm, 5 1/2"  
Serrated-Solid



**WEBSTER**

**18-016-130**  
13 cm, 5 1/4"  
Tungsten Carbide Smooth

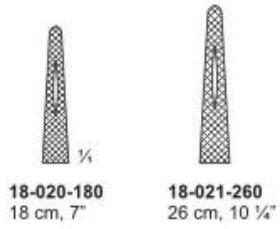
**18-017-130**  
13 cm, 5 1/4"  
Smooth



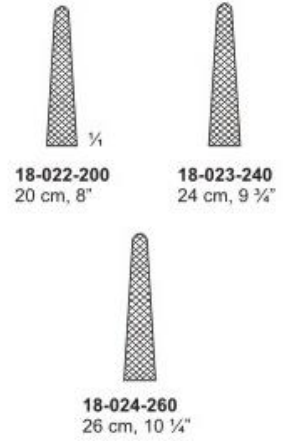
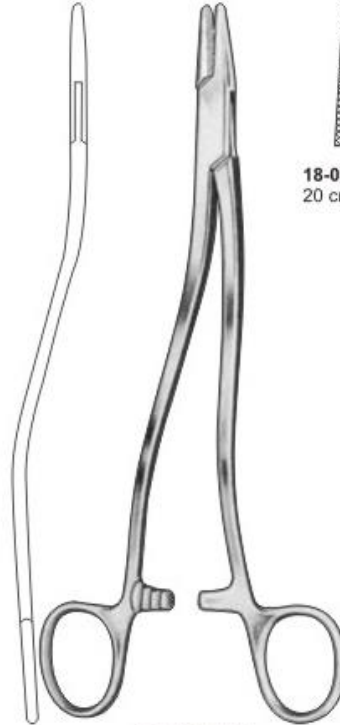
**BROWN**

**18-018-130**  
13 cm, 5 1/4"  
Serrated-Solid

**18-019-190**  
19 cm, 7 1/2"  
Serrated-Solid



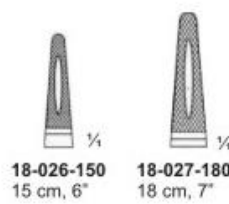
**SAROT**



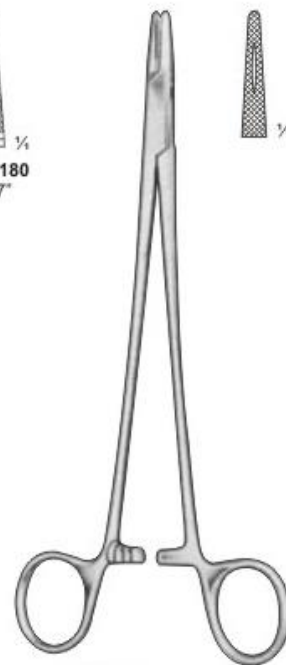
**BOZEMANN**



**BABY CRILE-WOOD**  
18-025-150 15 cm, 6"



**CRILE-WOOD**



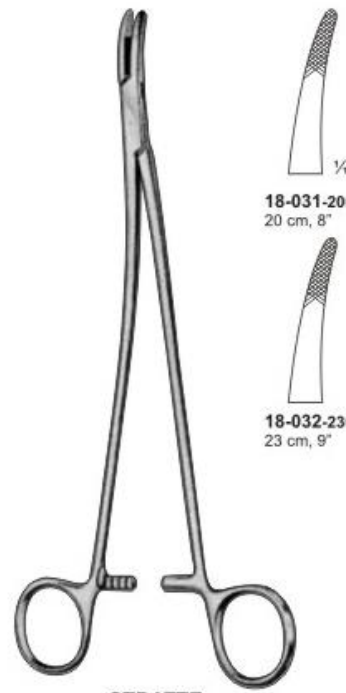
**CARROLL**  
18-028-150 15 cm, 6"



**JAMESON**  
18-029-230  
23.5 cm, 9 1/4"



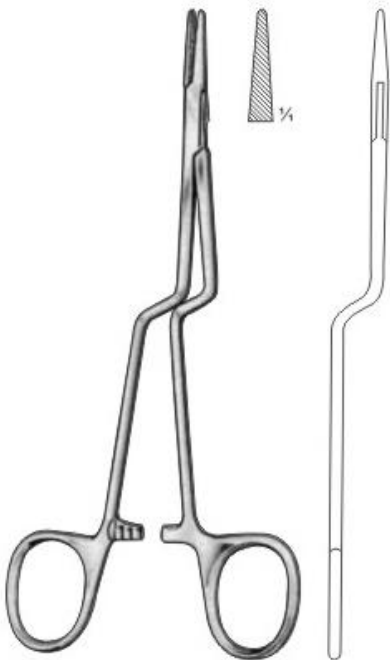
**FINOCCHIETTO**  
18-030-270  
27 cm, 10 3/4"



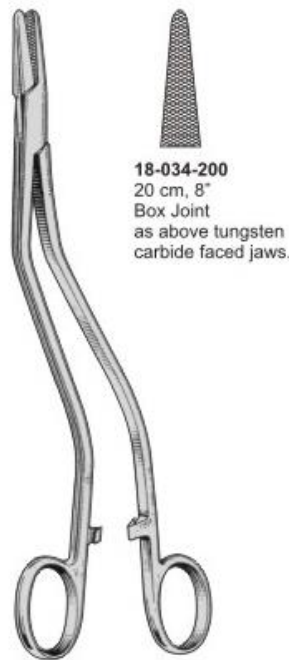
**STRATTE**

**18-031-200**  
20 cm, 8"

**18-032-230**  
23 cm, 9"

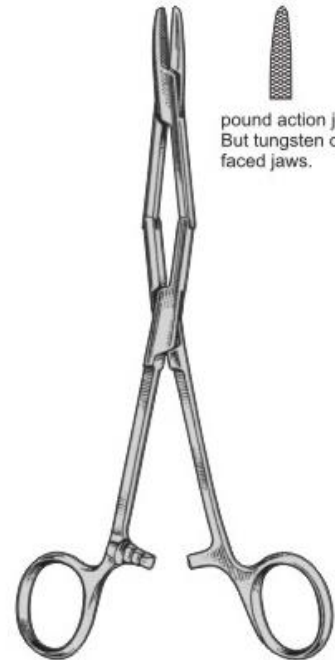


**JACOBSON**  
18-033-180  
18 cm, 7"



**THOMSON WALKER**

**18-034-200**  
20 cm, 8"  
Box Joint  
as above tungsten  
carbide faced jaws.



**NAUNTON MORGAN**  
18-035-180 18 cm, 7"  
18-036-250 25 cm, 10"

pound action joint.  
But tungsten carbide  
faced jaws.



**M.G.H.**  
(Mass. General Hospital)  
18-037-170  
17 cm, 6 3/4"



**ADSON**  
18-038-180  
18 cm, 7"



**HEANEY**  
18-039-210  
21 cm, 8 1/4"

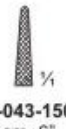


**18-040-130** 13 cm, 5 1/4"  
**18-041-180** 18 cm, 7"

**BROWN**



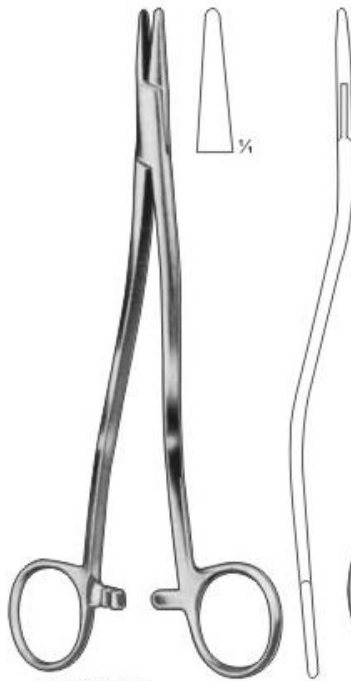
**NEW ORLEANS**  
18-042-180  
18 cm, 7"



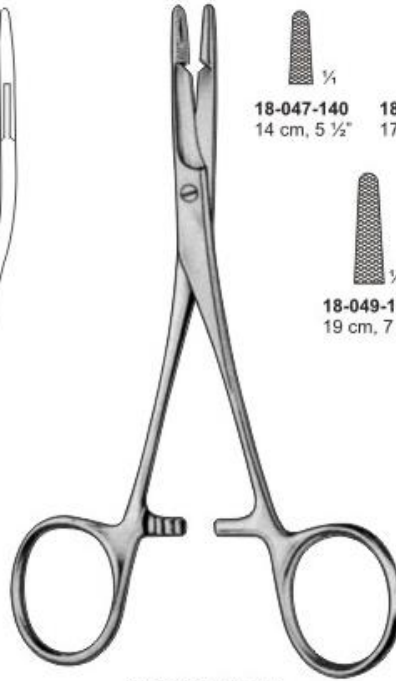
**18-043-150**  
15 cm, 6"

**18-044-170**  
17 cm, 6 3/4"

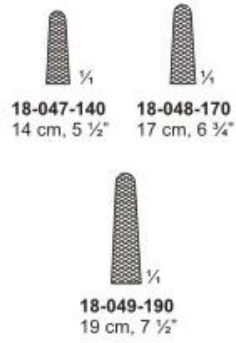
**SENNING**  
(Schwed. Model)



**WERTHEIM**  
 18-045-200 20 cm, 8"  
 18-046-240 24 cm, 9 1/2"



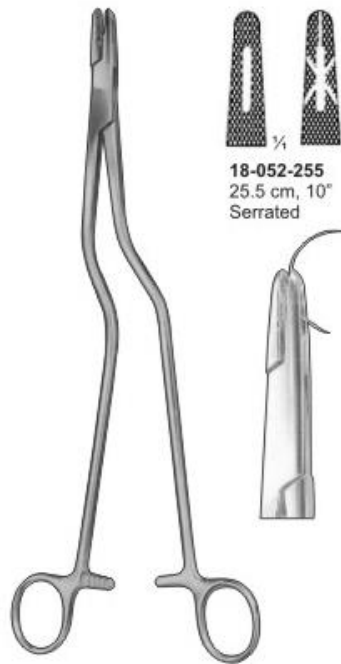
**OLSEN-HEGAR**



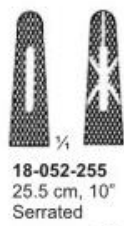
**GILLIES**  
 18-050-160  
 16 cm, 6 1/4"



**MASSON**  
 18-051-270  
 27 cm, 10 3/4"



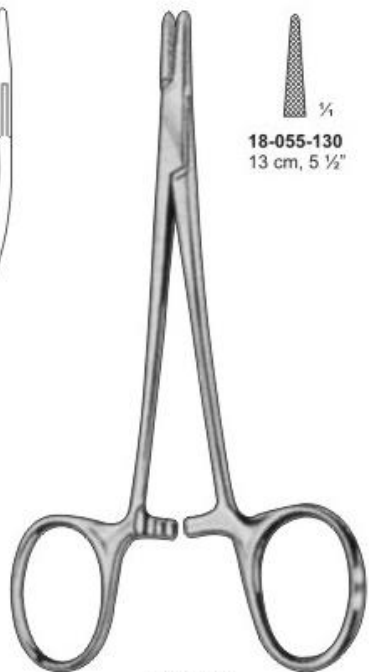
**MASSON-LUETHY**



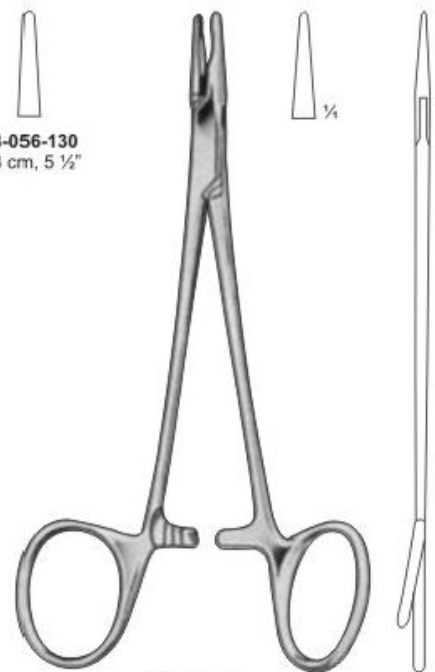
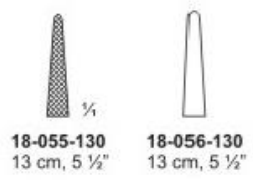
**WANGENSTEEN**  
 18-053-270  
 27 cm, 10 3/4"



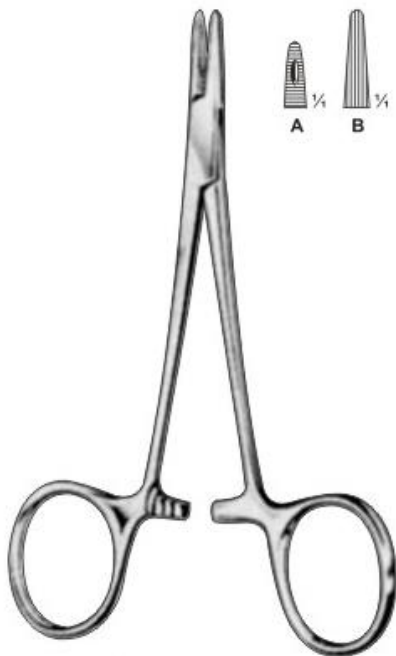
**KILNER**  
18-054-130  
13 cm, 5 1/2"



**HALSEY**



**NEIVERT**  
18-057-130  
13 cm, 5 1/2"



**DERF**  
18-058-120 12 cm, 5" A  
18-059-120 12 cm, 5" B



**COLLIER**  
18-060-125  
12.5 cm, 5"



**DOYEN**  
18-061-125  
12.5 cm, 5"





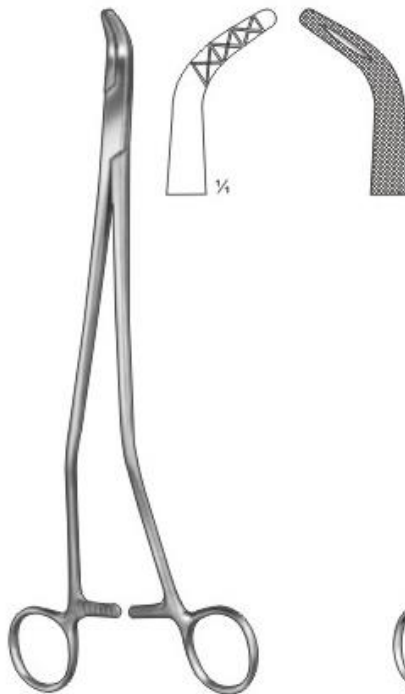
**HEGAR-BAUMGARTNER**  
 18-062-145  
 14.5 cm, 5 1/4"



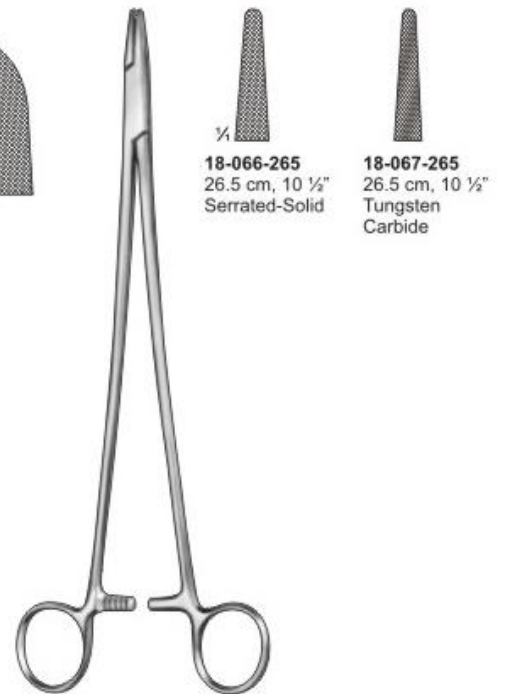
**CRILE-MURRAY**  
 18-063-150  
 15 cm, 6"



**METZENBAUM**  
 18-064-185  
 18.5 cm, 7 1/4"



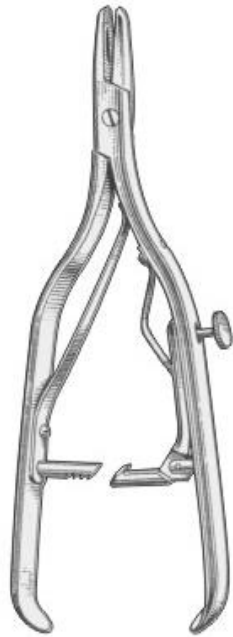
**JOHNSON**  
 18-065-270  
 27 cm, 10 3/4"



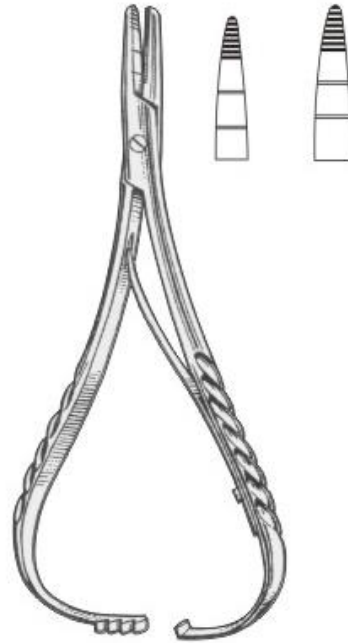
**WANGENSTEEN**  
 Serrated-Solid

**18-066-265**  
 26.5 cm, 10 1/2"  
 Serrated-Solid

**18-067-265**  
 26.5 cm, 10 1/2"  
 Tungsten Carbide



**MAYO ROCHESTER**  
**18-068-180** 18 cm, 8"  
**18-069-230** 23 cm, 9"  
 button release, screw joint.



**MACPHAIL**  
**18-070-150** 15 cm, 6"  
**18-071-180** 18 cm, 7"  
**18-072-200** 20 cm, 8"  
 lined with copper.



**MATHIEU**



**18-073-140**  
 14 cm, 5 1/2"



**18-074-170**  
 17 cm, 6 3/4"



**18-075-200**  
 20 cm, 8"



**MATHIEU**



**18-076-140**  
 14 cm, 5 1/2"



**18-077-165**  
 16.5 cm, 6 1/2"



**TOENNIS**  
18-078-185  
18.5 cm, 7 1/4"



**CRILE**  
18-079-150  
15 cm, 6"



**CASTROVIEJO  
OLSEN HEAGER /  
Needle Holders / Scissors**  
18-080-145 14.5 cm, 5 3/4"  
18-081-150 15.0 cm, 6"



**BOYNTON**  
18-082-120  
12 cm, 5"



**ARRUGA**  
18-083-160 16 cm, 6 1/4" Str.  
18-084-160 16 cm, 6 1/4" Cvd.



**LICHTENBERG**  
18-085-200 20 cm, 8"



**18-086-195** 19.5 cm, 7 3/4"  
**18-087-230** 23 cm, 9"

**18-088-230** 23 cm, 9"

**MICRO**



**MICRO**  
**18-089-160**  
16 cm, 6 1/4"



**CASTROVIEJO**  
**18-090-120**  
12 cm, 5"



**CASTROVIEJO**  
**18-091-120**  
12 cm, 5"



**BARRAQUER**  
**18-092-140**  
14 cm, 5 1/2"  
Curved, Smooth



**BARRAQUER/WITH CATCH**  
**18-093-140**  
14 cm, 5 1/2"  
Curved, Smooth



**KALT**  
**18-094-135**  
13.5 cm, 5 1/4"



**18-095-100**  
10 cm, 4"  
Straight

**18-096-105**  
10.5 cm, 4"  
Curved

**BARRAQUER-TROUTMAN**



**18-097-135**  
13.5 cm, 5 1/4"  
Straight

**18-098-135**  
13.5 cm, 5 1/4"  
Curved

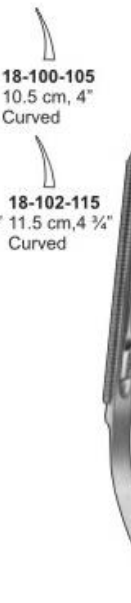
**ARRUGA**



**18-099-105**  
10.5 cm, 4"  
Straight

**18-101-115**  
11.5 cm, 4 1/4"  
Straight

**BARRAQUER-TROUTMAN**



**18-100-105**  
10.5 cm, 4"  
Curved

**18-102-115**  
11.5 cm, 4 1/4"  
Curved

**BARRAQUER**



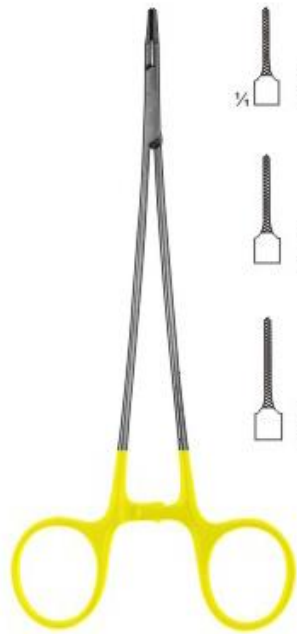
**18-103-115**  
11.5 cm, 4 3/4"

**18-104-135**  
13.5 cm, 5 1/4"

**18-105-140**  
14 cm, 5 1/2"



**MICROVASCULAR**  
 18-106-180 18 cm, 7"  
 18-107-200 20 cm, 8"  
 18-108-220 22 cm, 8 3/4"  
 18-109-250 25 cm, 10"



**MICRO RYDER**

18-110-150 15 cm, 6"  
 18-111-175 17.5 cm, 7"  
 18-112-195 19.5 cm, 7 3/4"



**CRILE-WOOD**  
 18-113-175 17.5 cm, 7"  
 18-114-200 20.0 cm, 8"  
 18-115-220 22.0 cm, 8 3/4"  
 18-116-250 25.0 cm, 10"



**DE BAKAY**  
 18-117-180 18 cm, 7"  
 18-118-200 20 cm, 8"  
 18-119-220 22 cm, 8 3/4"  
 18-120-250 25 cm, 10"



**INTRACARDIAC**  
 18-121-180 18 cm, 7"  
 18-122-200 20 cm, 8"  
 18-123-220 22 cm, 8 3/4"  
 18-124-250 25 cm, 10"



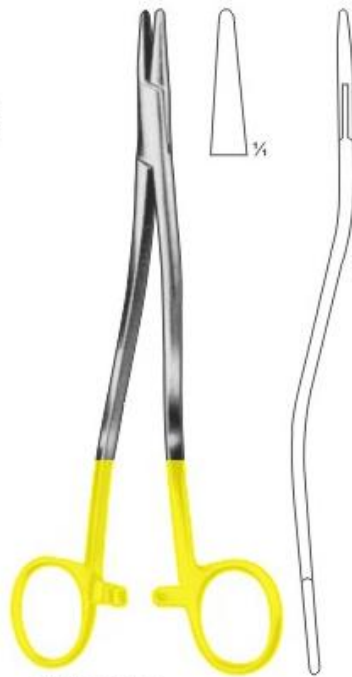
**NEW ORLEANS**  
 18-125-175 17.5 cm, 7"



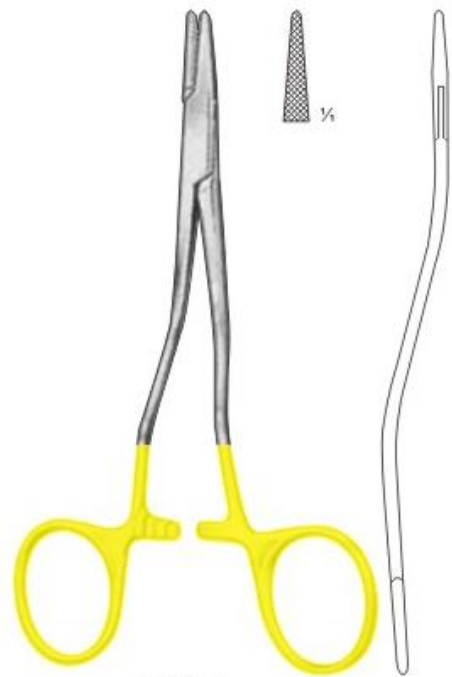
**18-126-150**  
15 cm, 6"

**18-127-170**  
17 cm, 6 3/4"

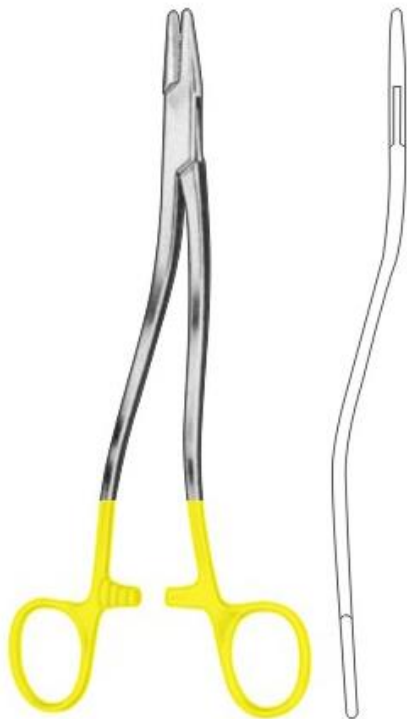
**SENNING**  
(Schwed. Model)



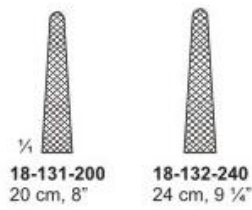
**WERTHEIM**  
18-128-200 20 cm, 8"  
18-129-240 24 cm, 9 1/2"



**KILNER**  
18-130-130  
13 cm, 5 1/2"



**BOZEMANN**

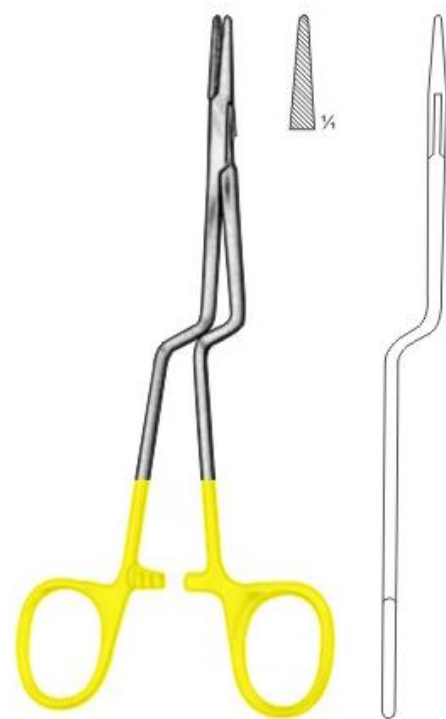


**18-131-200**  
20 cm, 8"

**18-132-240**  
24 cm, 9 1/4"



**18-133-260**  
26 cm, 10 1/4"



**JACOBSON**  
18-134-180 18 cm, 7"



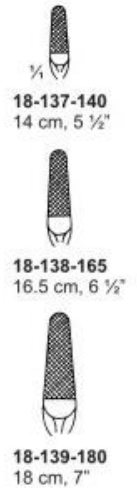
**BAUMGARTNER**  
18-135-135  
13.5 cm, 5 1/4"



**BAUMGARTNER**  
18-136-130  
13 cm, 5 1/4"  
Left handle



**OLSEN-HEGAR**



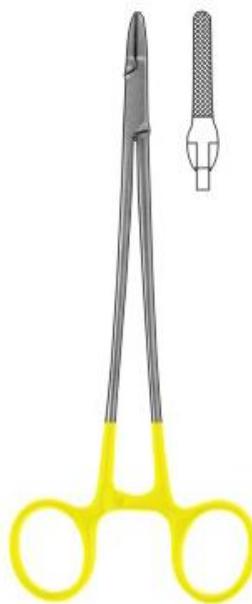
18-137-140  
14 cm, 5 1/2"

18-138-165  
16.5 cm, 6 1/2"

18-139-180  
18 cm, 7"



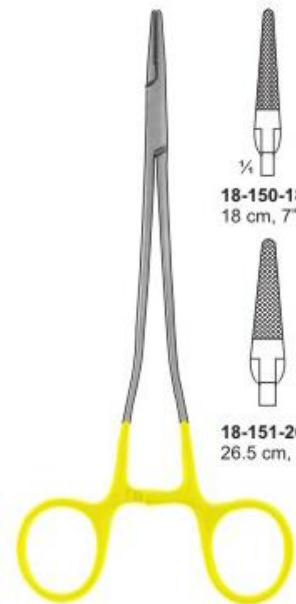
**CRILE-WOOD**  
18-140-150  
15 cm, 6"



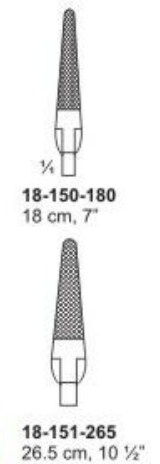
**FRENCH-EYE**  
18-141-160 16 cm, 6 1/4"  
18-142-180 18 cm, 7"  
18-143-200 20 cm, 8"  
18-144-220 22 cm, 8 3/4"  
18-145-250 25 cm, 10"



**FRENCH-EYE**  
18-146-152 15.2 cm, 6"  
18-147-178 17.8 cm, 7"  
18-148-203 20.3 cm, 8"  
18-149-254 25.4 cm, 10"

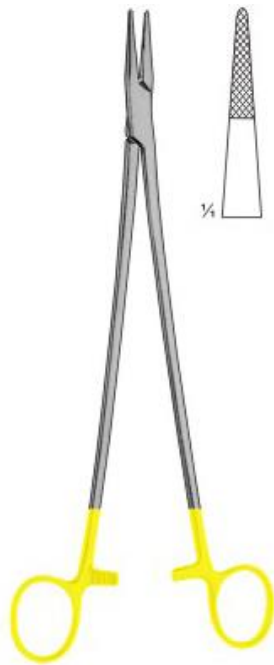


**SAROT**

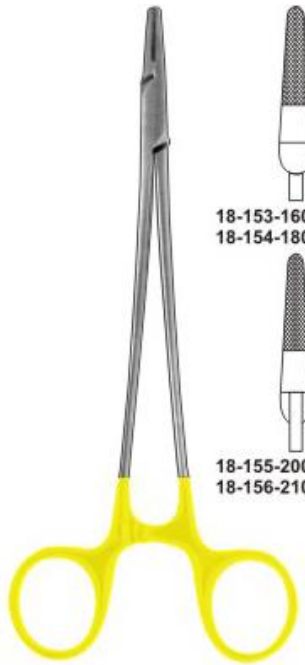


18-150-180  
18 cm, 7"

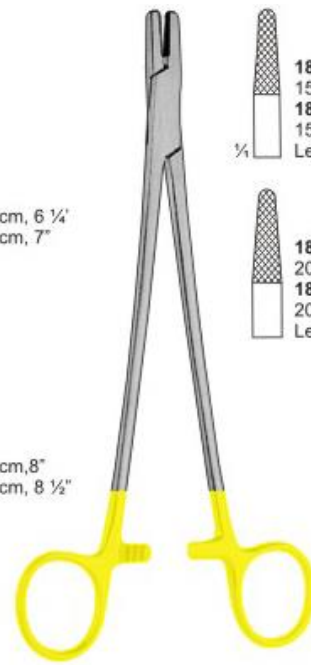
18-151-265  
26.5 cm, 10 1/2"



**WANGENSTEEN**  
18-152-273  
27.3 cm, 10 3/4"



**MAYO-HEGAR**



**MAYO-HEGAR**

18-153-160 16 cm, 6 1/4"  
18-154-180 18 cm, 7"

18-155-200 20 cm, 8"  
18-156-210 21 cm, 8 1/2"

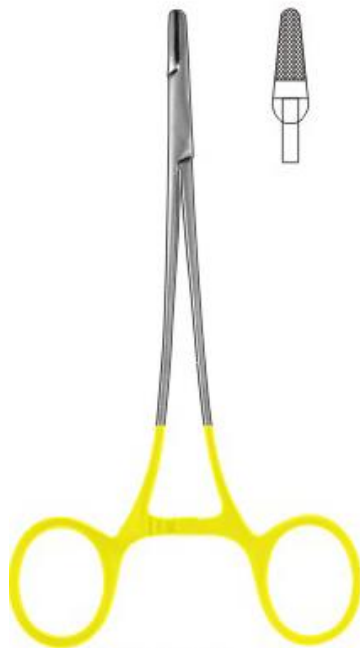
18-157-152 15.2 cm, 6"  
18-158-152 15.2 cm, 6"  
Left handed.

18-161-203 20.3 cm, 8"  
18-162-203 20.3 cm, 8"  
Left handed.

18-159-178 17.8 cm, 7"  
18-160-178 17.8 cm, 7"  
Left handed.

18-163-230 23 cm, 9"

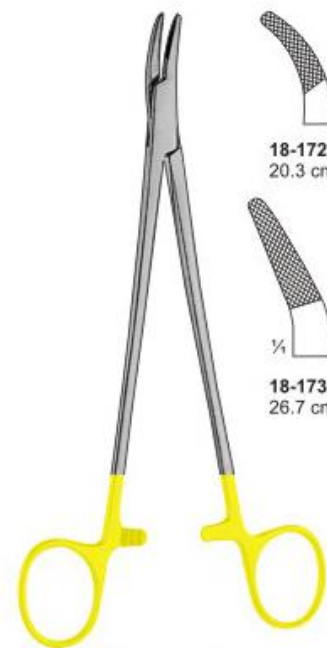
18-164-298 29.8 cm, 12"



**FINOCHIETTO**  
18-165-130 13 cm, 5 1/4"  
18-166-160 16 cm, 6 1/4"  
18-167-190 19 cm, 7 1/2"  
18-168-210 21 cm, 8 1/4"



**FINOCHIETTO**  
18-169-130 13 cm, 5 1/4"  
18-170-160 16 cm, 6 1/4"  
18-171-190 19 cm, 7 1/2"

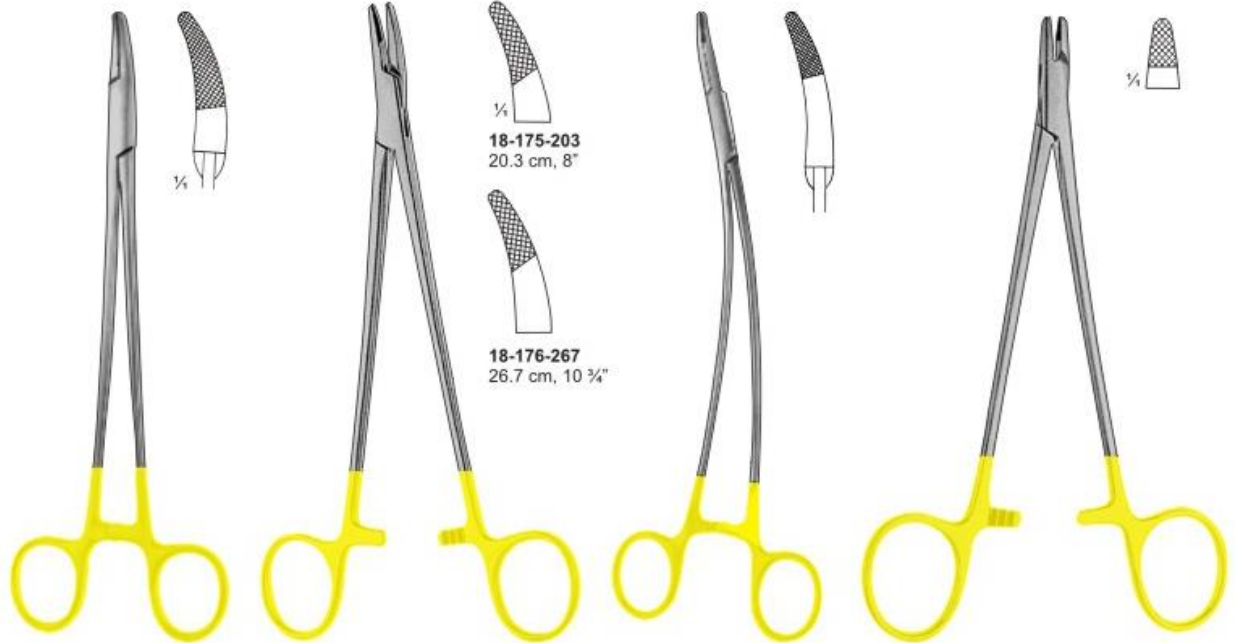


**FINOCHIETTO**  
Angled

18-172-203 20.3 cm, 8"

18-173-267 26.7 cm, 10 1/2"





**HEANEY**  
18-174-200  
20 cm, 8"

**HEANEY**  
Cvd.

18-175-203  
20.3 cm, 8"

18-176-267  
26.7 cm, 10 3/4"

**STRATTE**  
18-177-200 20 cm, 8"  
18-178-220 22 cm, 8 3/4"  
18-179-250 25 cm, 10"

**NEW ORLEANS**  
18-180-178  
17.8 cm, 7"



**CRILE-WOOD**

**GILLIES**  
18-183-160  
16 cm, 6 1/4"

**HALSEY**

**OLSEN-HEGAR**

18-181-150  
15 cm, 6"

18-182-150  
15 cm, 6"  
Smooth

18-184-125  
12.5 cm, 5"

18-185-125  
12.5 cm, 5"  
Smooth

18-186-146  
14.6 cm, 5 3/4"

18-187-184  
18.4 cm, 7 1/4"



**RYDER**  
Narrow jaws.



**18-188-127**  
Smooth inserts.  
12.7 cm, 5 1/4"



**18-189-152**  
Smooth inserts.  
15.2 cm, 6"



**18-190-178**  
Smooth inserts.  
17.8 cm, 7"



**18-191-203**  
Smooth inserts.  
20.3 cm, 8"



**18-192-229**  
Smooth inserts.  
22.9 cm, 9"



**18-193-127**  
12.7 cm, 5 1/4"



**18-194-152**  
15.2 cm, 6"



**18-195-178**  
17.8 cm, 7"



**18-196-203**  
20.3 cm, 8"



**18-197-229**  
22.9 cm, 9"



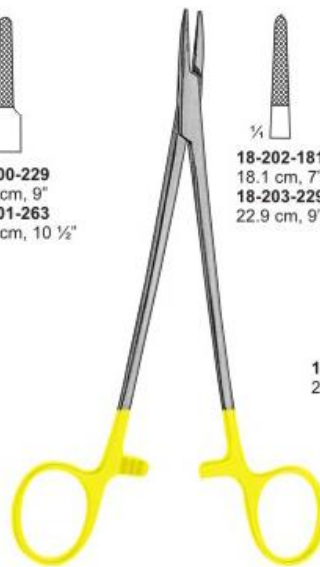
**COOLEY INTRACARDIAC**  
Straight, narrow jaw.



**18-198-178**  
17.8 cm, 7"  
**18-199-203**  
20.3 cm, 8"



**18-200-229**  
22.9 cm, 9"  
**18-201-263**  
26.3 cm, 10 1/2"



**DEBAQUEY CARDIOVASCULAR**  
Delicate patterns. Straight jaw, serrated.



**18-202-181**  
18.1 cm, 7"  
**18-203-229**  
22.9 cm, 9"



**18-204-263**  
26.3 cm, 10 1/2"



**18-205-298**  
29.8 cm, 12"












**MICROVASCULAR**  
**18-206-181** 18.1 cm, 7"  
**18-207-203** 20.3 cm, 8"  
**18-208-229** 22.9 cm, 9"  
**18-209-263** 26.3 cm, 10 1/2"  
Straight jaw, serrated.

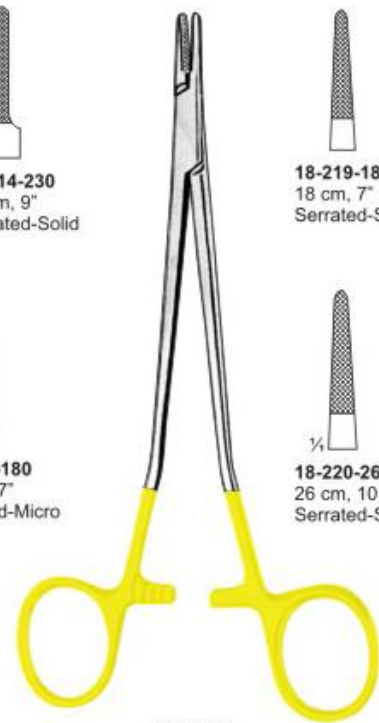





**RYDER FRENCH-EYE/STANDARD/MICRO**


-   
**18-210-130**  
 13 cm, 5 1/4"  
 Serrated-Solid
-   
**18-211-150**  
 15 cm, 6"  
 Serrated-Solid
-   
**18-212-180**  
 18 cm, 7"  
 Serrated-Solid
-   
**18-213-200**  
 20 cm, 8"  
 Serrated-Solid
-   
**18-214-230**  
 23 cm, 9"  
 Serrated-Solid

-   
 1/4  
**18-215-260**  
 26 cm, 10 1/4"  
 Serrated-Solid
-   
**18-216-130**  
 13 cm, 5 1/4"  
 Serrated-Micro
-   
**18-217-160**  
 16 cm, 6 1/4"  
 Serrated-Micro
-   
**18-218-180**  
 18 cm, 7"  
 Serrated-Micro




**SAROT**

-   
**18-219-180**  
 18 cm, 7"  
 Serrated-Solid

-   
 1/4  
**18-220-260**  
 26 cm, 10 1/4"  
 Serrated-Solid




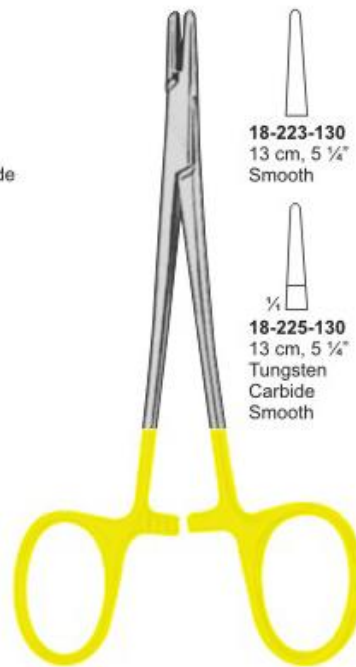
**CONVERSE**

-   
 1/4  
**18-221-125**  
 12.5 cm, 5"  
 Tungsten Carbide  
 Serrated-Solid







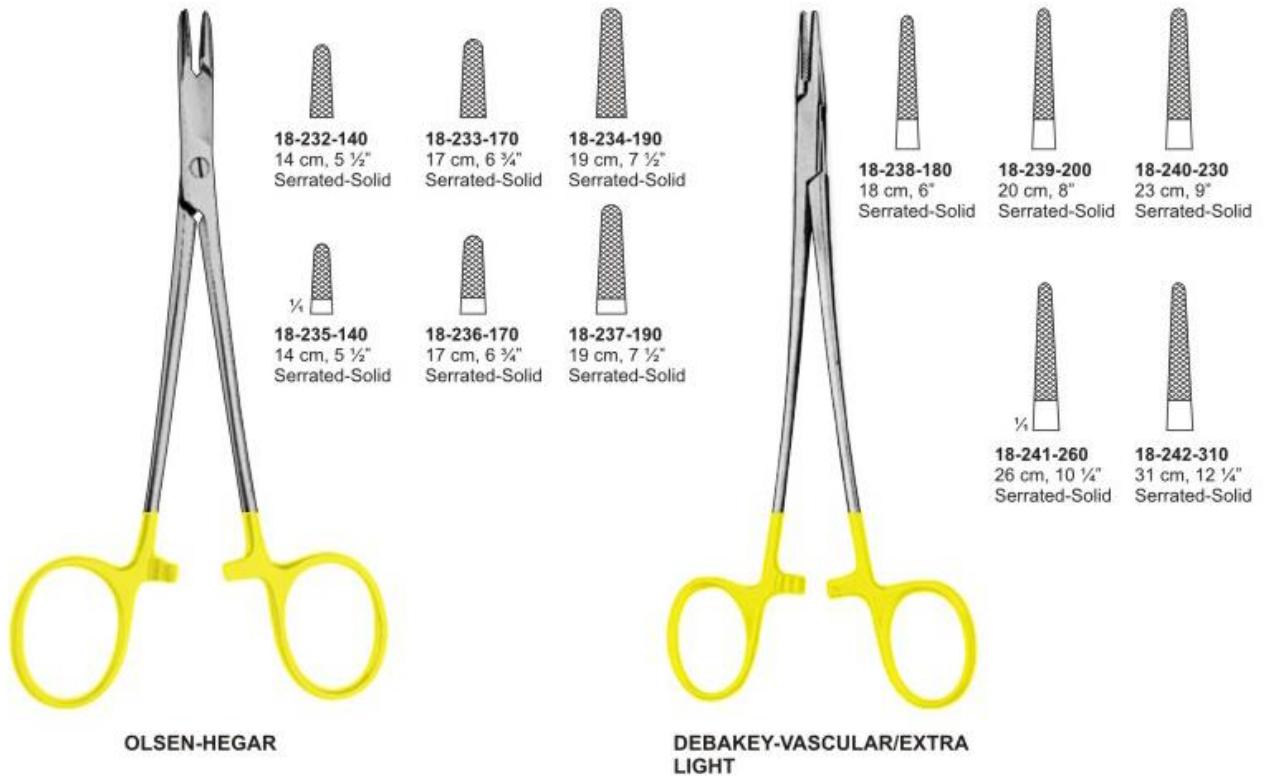
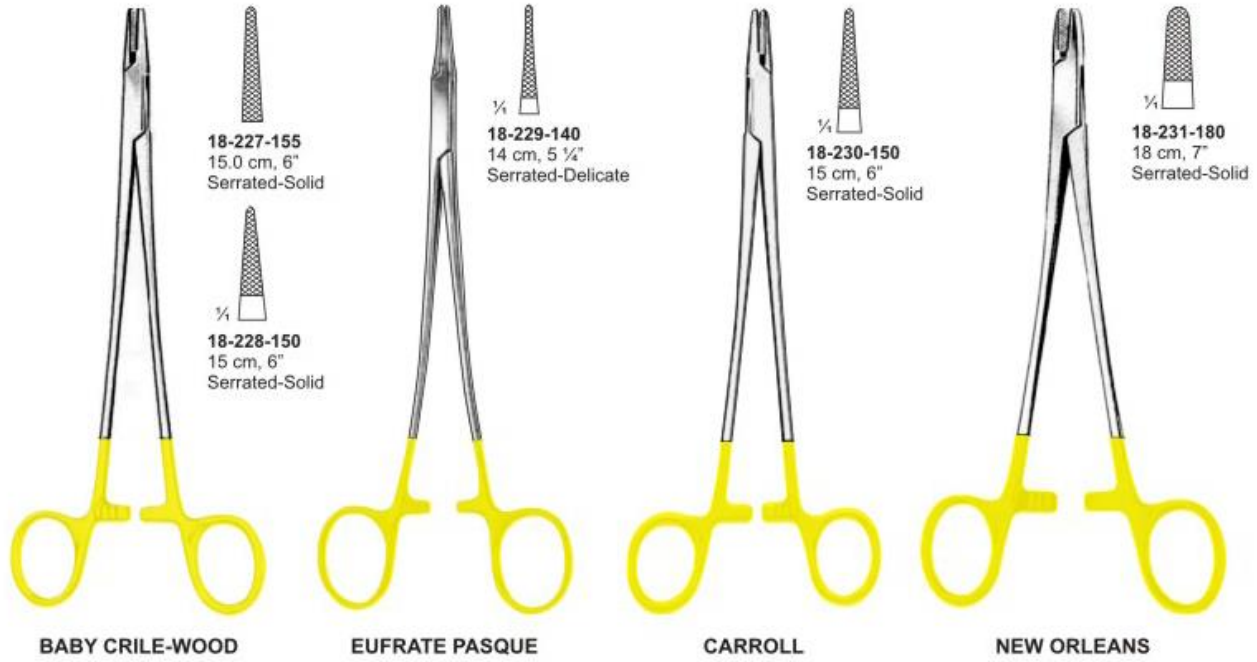
**DERF**

-   
 1/4  
**18-222-125**  
 12.5 cm, 5"  
 Tungsten Carbide  
 Serrated-Solid




**HALSEY**

-   
**18-223-130**  
 13 cm, 5 1/4"  
 Smooth
-   
**18-224-130**  
 13 cm, 5 1/4"  
 Serrated-Solid
-   
 1/4  
**18-225-130**  
 13 cm, 5 1/4"  
 Tungsten Carbide  
 Smooth
-   
**18-226-130**  
 13 cm, 5 1/4"  
 Tungsten Carbide  
 Serrated-Solid





  $\frac{1}{4}$   
**18-243-152**  
 15.2 cm, 6"  
 Delicate.

  $\frac{1}{4}$   
**18-244-152**  
 15.2 cm, 6"  
**18-245-180**  
 18 cm, 7"  
**18-246-200**  
 20 cm, 8"  
 Heavy

**WIRE TWISTERS**



  $\frac{1}{4}$

**STERNUM**  
**18-247-175**  
 17.5 cm, 7"  
 Wire Twister



**WIRE TIGHTENING  
 PLIERS**  
**18-248-180**  
 18 cm, 7"



  $\frac{1}{4}$



**COOLEY-BAUMGAFTEN  
 WIRE TWISTER**  
**18-249-203**  
 20.3 cm, 8"  
 Extra heavy needle holder designed  
 for twisting of wire and placement of  
 retention suture. Heavy, blunt jaws.



  $\frac{1}{4}$

**RUBIO WIRE TWISTER**  
**18-250-127**  
 12.7 cm, 5  $\frac{1}{4}$ "

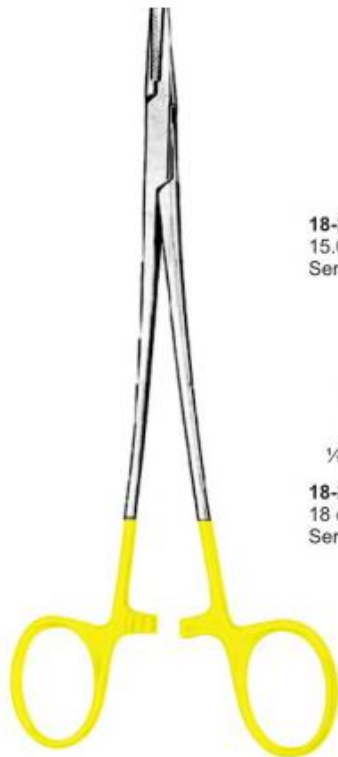










-   
**18-251-115**  
 11.5 cm, 4 3/4"
-   
**18-252-115**  
 11.5 cm, 4 3/4"  
 Smooth

**MICRO DERF**

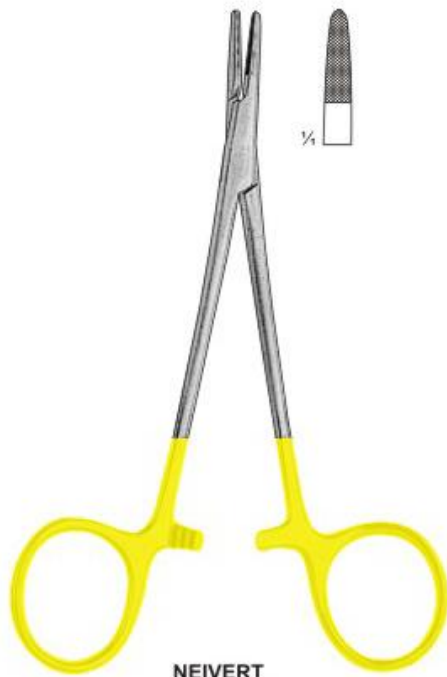


**DERF**  
**18-253-121**  
 12.1 cm, 5"



- |   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| <b>18-254-155</b><br>15.0 cm, 6"<br>Serrated-Grooved                                | <b>18-255-190</b><br>19 cm, 7 1/2"<br>Serrated-Grooved                              | <b>18-256-190</b><br>19 cm, 7 1/2"<br>Serrated-Grooved                                | <b>18-257-150</b><br>15 cm, 6"<br>Tungsten Carbide<br>Serrated-Slolid                 |
|  |  |  |  |
| <b>18-258-180</b><br>18 cm, 7"<br>Serrated-Slolid                                   | <b>18-259-200</b><br>20 cm, 8"<br>Serrated-Slolid                                   | <b>18-260-230</b><br>23 cm, 9"<br>Serrated-Slolid                                     | <b>18-261-155</b><br>15.0 cm, 6"<br>Smooth  |

**CRILE-WOOD**



**NEIVERT**  
18-262-127  
12.7 cm, 5 1/4"



**18-263-121**  
12.1 cm, 5"  
Smooth



**18-264-121**  
12.1 cm, 5"

**WEBSTER**



**18-265-210**  
21 cm, 8 1/4"  
Serrated-Solid

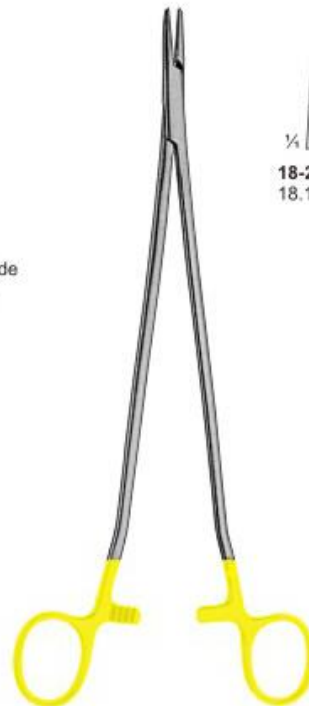


**18-266-210**  
21 cm, 8 1/4"  
Tungsten Carbide  
Serrated-Solid



**18-267-260**  
26 cm, 10 1/4"  
Tungsten Carbide  
Serrated-Solid

**HEANEY-GYNE**



**18-268-181**  
18.1 cm, 7"



**18-269-263**  
26.3 cm, 10 1/2"

**SAROT**



**COOLEY MICROVASCULAR**



**18-270-152**  
15.2 cm, 6"  
Smooth



**18-271-171**  
17.1 cm, 6 3/4"  
Smooth



**18-272-203**  
20.3 cm, 8"  
Smooth



**18-273-152**  
15.2 cm, 6"



**18-274-171**  
17.1 cm, 6 3/4"



**18-275-203**  
20.3 cm, 8"



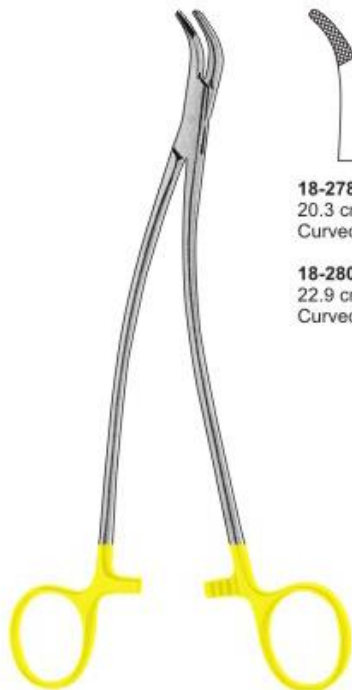
**JULIAN**



**18-276-203**  
20.3 cm, 8"  
Straight



**18-277-203**  
20.3 cm, 8"  
Curved



**STRATTE**



**18-278-203**  
20.3 cm, 8"  
Curved



**18-279-229**  
22.9 cm, 9"  
Curved

**18-280-229**  
22.9 cm, 9"  
Curved

**18-281-229**  
22.9 cm, 9"  
Curved



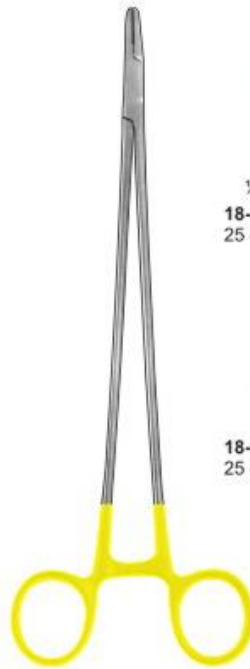
**ROCHESTER**  
**18-282-181**  
18.1 cm, 7"







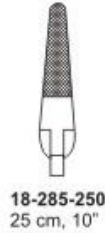
**MASSON**  
18-283-263  
26.3 cm, 10 1/2"



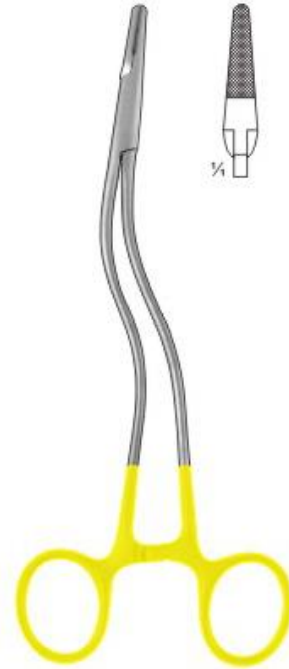
**MASSON**



**18-284-250**  
25 cm, 10"



**18-285-250**  
25 cm, 10"



**MASSON-LUTTI-BOZEMAN**  
18-286-200 20 cm, 8"  
18-287-250 25 cm, 10"



**MICROSURGICAL**



**18-288-152**  
15.2 cm, 6"



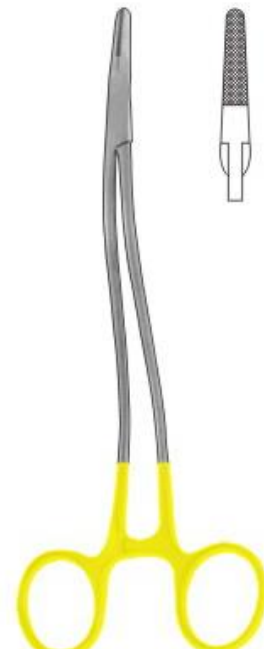
**18-289-127**  
12.7 cm, 5 1/4"



**18-290-127**  
12.7 cm, 5 1/4"  
Smooth

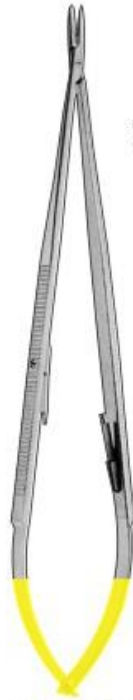


**O'BRIEN**  
18-291-300  
30 cm, 12"





**THOMSON-WALKER**  
18-292-200 20 cm, 8"  
18-293-250 25 cm, 10"







**CASTROVIEJO**

- |   |   |
|---|---|
|  |  |
| <b>18-294-184</b><br>18.4 cm, 7 1/4"  | <b>18-295-222</b><br>22.2 cm, 8 3/4"  |





**MILLS VASCULAR**

- |   |  |
|---|--|
|  |  |
| <b>18-296-203</b><br>20.3 cm, 8"<br>Straight                                      | <b>18-297-203</b><br>20.3 cm, 8"<br>Curved   |







**CASTROVIEJO**

- |   |   |
|---|---|
|  |  |
| <b>18-298-140</b><br>14 cm, 5 1/2"<br>Curved  | <b>18-299-140</b><br>14 cm, 5 1/2"<br>Straight                                      |










**JACOBSON**

- |   |   |
|---|---|
|  |  |
| <b>18-300-180</b><br>18 cm, 7"<br>Smooth  | <b>18-301-210</b><br>21 cm, 8 1/4"<br>Smooth  |
|  |  |
| <b>18-302-210</b><br>21 cm, 8 1/4"<br>Smooth  | <b>18-303-210</b><br>21 cm, 8 1/4"<br>Serrated-Solid                                |




**CASTROVIEJO**


- |   |   |   |   |
|---|---|---|---|
|   |  |  |  |
| <b>18-304-140</b><br>14 cm, 5 1/2"<br>Straight<br>Smooth                              | <b>18-305-140</b><br>14 cm, 5 1/2"<br>Straight<br>Serrated-Solid                      | <b>18-306-140</b><br>14 cm, 5 1/2"<br>Curved<br>Smooth                                | <b>18-307-140</b><br>14 cm, 5 1/2"<br>Straight<br>Smooth                              |
|  |  |  |   |
| <b>18-308-140</b><br>14 cm, 5 1/2"<br>Straight<br>Serrated-Solid                      | <b>18-309-140</b><br>14 cm, 5 1/2"<br>Curved<br>Serrated-Solid                        | <b>18-310-180</b><br>18 cm, 7"<br>Straight<br>Serrated-Solid                          |   |




**MICROSURGERY**




**18-311-143**  
14.3 cm, 5 1/2"  
Curved



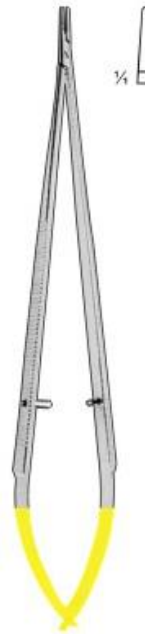
**18-313-146**  
14.6 cm, 5 3/4"  
Straight



**18-312-146**  
14.6 cm, 5 3/4"  
Straight



**18-314-184**  
18.4 cm, 7 1/4"  
Straight



**JACOBSON**  
**18-315-222**  
22.2 cm, 8 3/4"






**TOENNIS**  
**18-316-185**  
18.5 cm, 7"




**BOYNTON**  
**18-317-120**  
12 cm, 5"




**ARRUGA**  
**18-318-160** 16 cm, 6 1/4" Str.  
**18-319-160** 16 cm, 6 1/4" Cvd.


**SPENCER CORONARY**  
**18-320-178**  
17.8 cm, 7"




**METZENBAUM**  
**18-321-190**  
19 cm, 7 1/2"




**MATHIEU-STILLE**




**18-322-170**  
17 cm, 6 3/4"



**18-323-200**  
20 cm, 8"



  $\frac{1}{4}$   
**18-324-170**  
 17 cm, 6  $\frac{3}{4}$ "

  
**18-325-170**  
 17 cm, 6  $\frac{3}{4}$ "  
 Smooth


**CASTROVIEJO**



**JACOBSON HEAVY STYLE**

**18-326-190** 19.0 cm, 7  $\frac{1}{2}$ "  
**18-327-229** 22.9 cm, 9"  
**18-328-254** 25.4 cm, 10"



  $\frac{1}{4}$   
**18-329-135**  
 13.5 cm, 5  $\frac{1}{4}$ "

  
**18-330-135**  
 13.5 cm, 5  $\frac{1}{4}$ "  
 Smooth

**CASTROVIEJO**



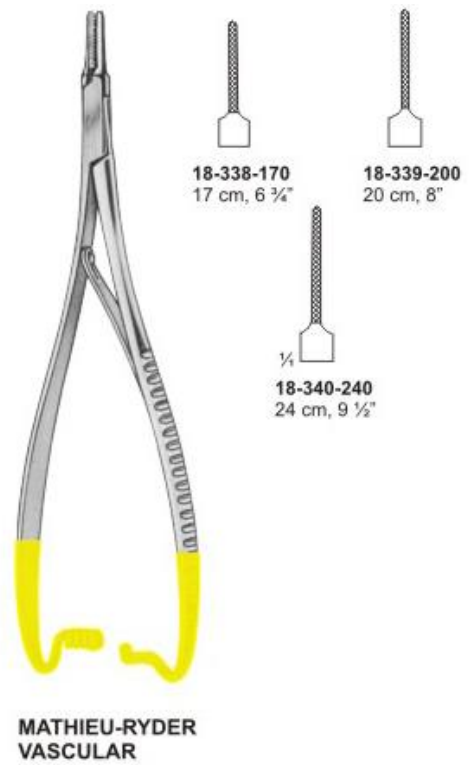
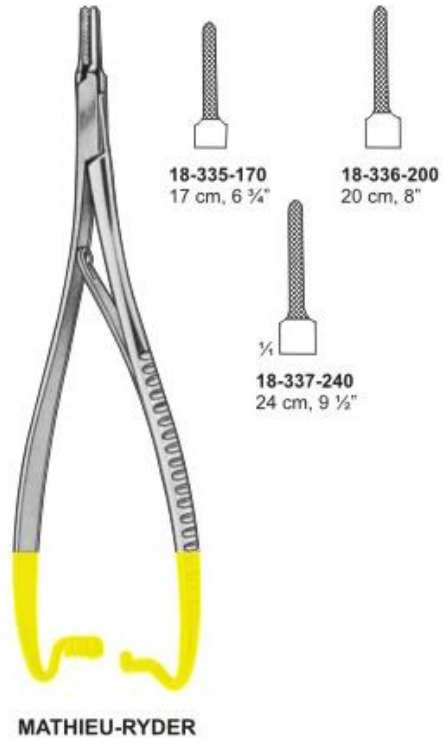
**KALT**  
**18-331-140**  
 14 cm, 5  $\frac{1}{2}$ " Str.



**KALT**  
**18-332-140**  
 14 cm, 5  $\frac{1}{2}$ " Str.



**JACOBSON**  
**18-333-185** 18.5 cm, 7  $\frac{1}{4}$ "  
**18-334-210** 21.0 cm, 8  $\frac{1}{4}$ "





**LANGENBECK**



**18-345-160**  
16.0 cm, 6 1/4"



**18-346-180**  
18.0 cm, 7"



**18-347-200**  
20.0 cm, 8"

**LANGENBECK-DELICATE**



**18-348-180**  
18.0 cm, 7"



**18-349-200**  
20.0 cm, 8"



**18-350-230**  
23.0 cm, 9"

**LANGENBECK-RYDER**



**18-351-180**  
18.0 cm, 7"



**18-352-200**  
20.0 cm, 8"



**18-353-230**  
23.0 cm, 9"



**ZWEIFEL**



**18-354-200**  
20 cm, 8"



**18-355-230**  
23 cm, 9"



**EISELSBERG-MATHEIU**  
**18-356-185**  
18.5 cm, 7 1/4"



**LUETHY-BECK**  
**18-357-200**  
20.0 cm, 8"



## Reverdin Needles



**REVERDIN**  
short



**18-358-145**  
14.5cm, 5 3/4"



**18-359-145**  
14.5cm, 5 3/4"



**18-360-145**  
14.5cm, 5 3/4"



**18-361-145**  
14.5cm, 5 3/4"



**REVERDIN NEEDLE**  
18-362-195 -  
18-365-195  
Small



**18-362-195**  
19.5cm, 7 3/4"  
18-362-230  
23cm, 9"



**18-363-195**  
19.5cm, 7 3/4"  
18-363-230  
23cm, 9"



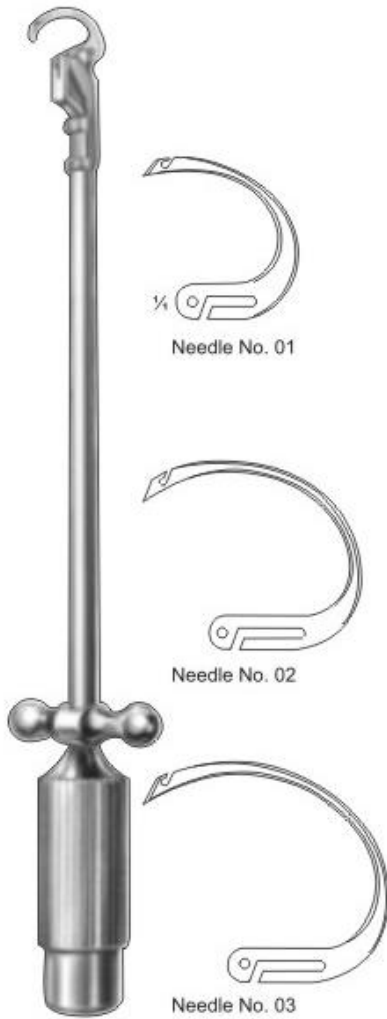
**18-364-195**  
19.5cm, 7 3/4"  
18-364-230  
23cm, 9"



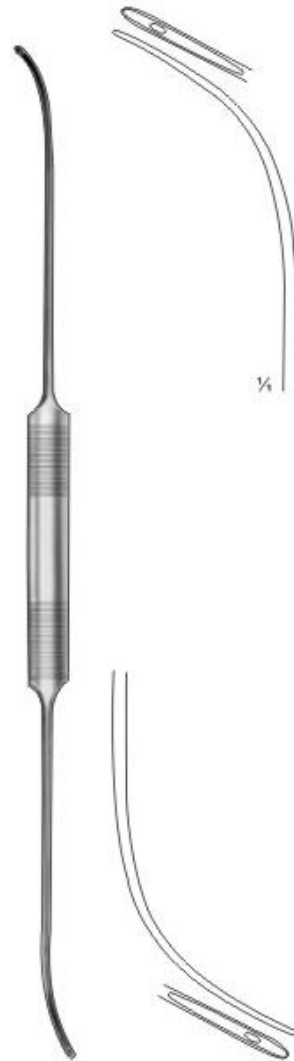
**18-365-195**  
19.5cm, 7 3/4"  
18-365-230  
23cm, 9"



**REVERDIN**  
18-362-230 -  
18-365-230  
long



**YOUNG**  
 18-366-245  
 24.5 cm, 10"  
 Complete  
 with on  
 Needle no. 01

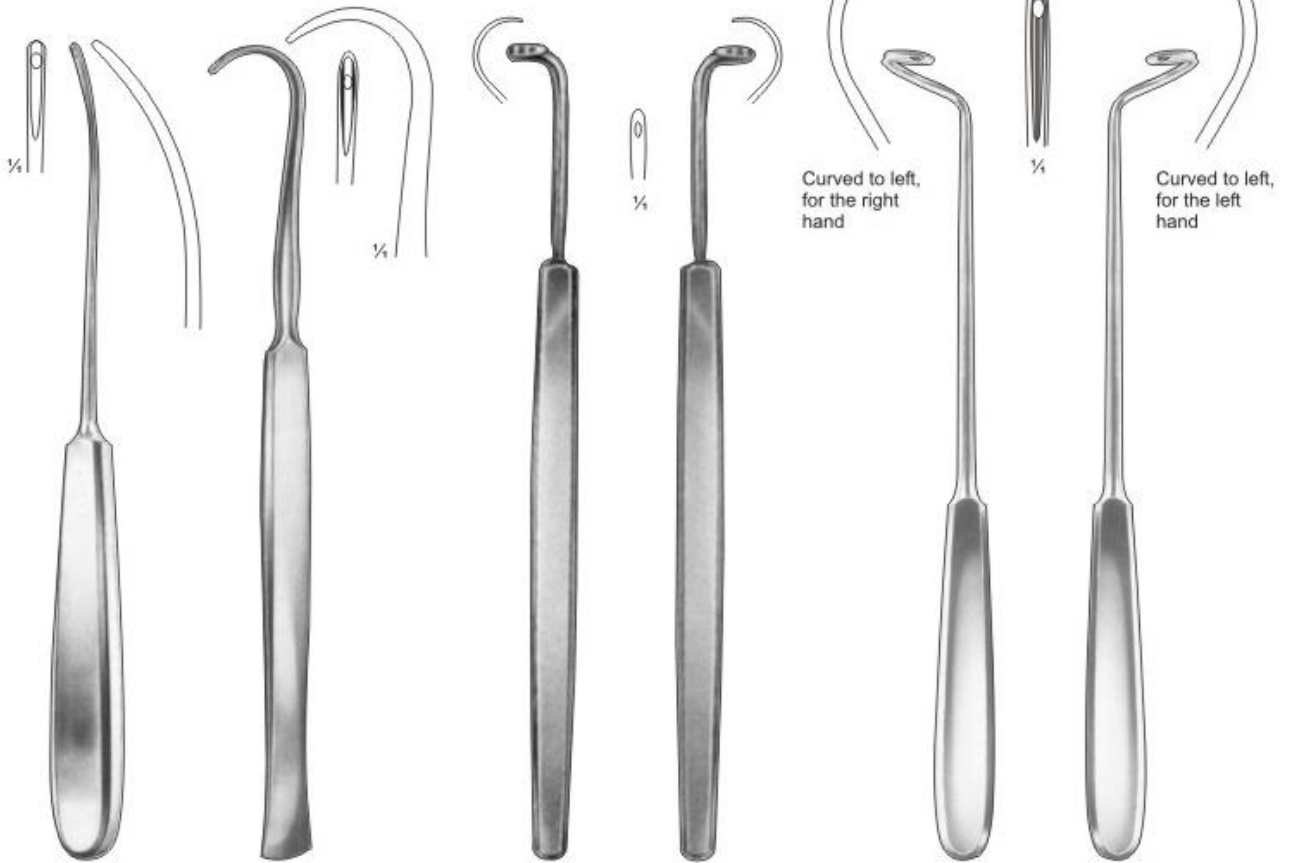


**SCHMIEDEN-DICK**  
 18-367-290  
 29cm, 11 1/2"  
 malleable



**SCHMIEDEN**  
 18-368-240  
 24cm, 9 1/2"





**LIGATURE NEEDLE**  
18-369-200  
20cm, 8"

**COOPER**  
18-370-190  
19 cm, 7 1/2"

**KRONECKER**  
18-371-130  
13 cm, 5 1/4"  
delicate  
for right hand

**KRONECKER**  
18-372-130  
13 cm, 5 1/4"  
delicate  
for left hand

**DESCHAMPS**  
18-373-240  
24 cm, 9 1/2"

**DESCHAMPS**  
18-374-240  
24 cm, 9 1/2"



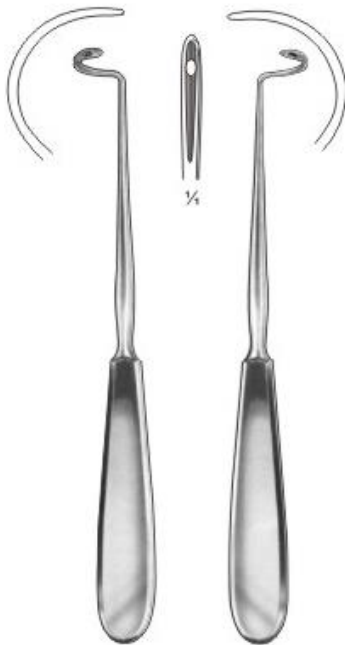
**DESCHAMPS**  
**18-375-200**    **18-376-200**  
 20cm, 8"    20cm, 8"  
 sharp    sharp  
 for right hand    for left hand



**DESCHAMPS**  
**18-377-200**    **18-378-200**  
 20cm, 8"    20cm, 8"  
 blunt    blunt  
 for right hand    for left hand



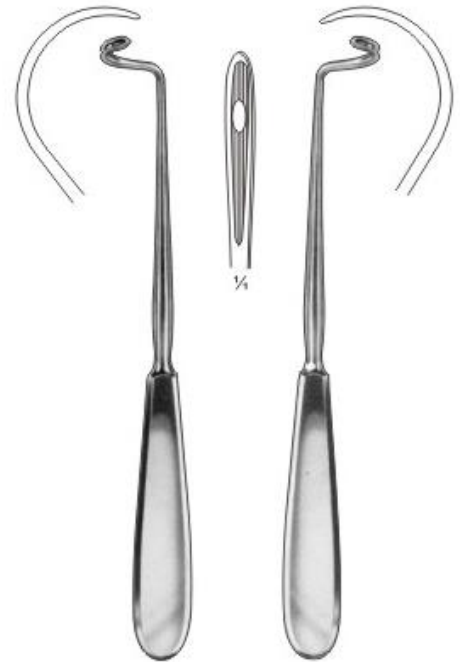
**DESCHAMPS**  
**18-379-210**    **18-380-210**  
 21cm, 8 1/4"    21cm, 8 1/4"  
 blunt    blunt  
 for right hand    for left hand



**Deschamps**  
**18-381-200**    **18-382-200**  
 20cm    20cm  
 blunt    blunt  
 for right hand    for left hand



**Deschamps**  
**18-383-200**    **18-384-200**  
 20cm    20cm  
 sharp    sharp  
 for right hand    for left hand



**Deschamps**  
**18-385-200**    **18-386-200**  
 20cm    20cm  
 blunt    blunt  
 for right hand    for left hand



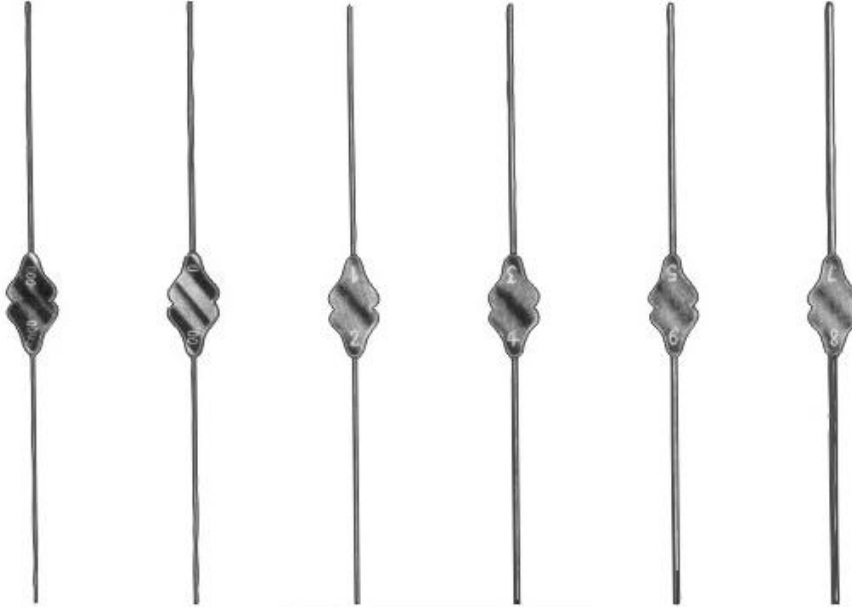
**DESCHAMPS**  
**18-387-200**    **18-388-200**  
 20cm, 8"    20cm, 8"  
 sharp    sharp  
 for right    for left  
 hand    hand

**DESCHAMPS**  
**18-389-270**    **18-390-270**  
 27cm, 10 3/4"    27cm, 10 3/4"  
 blunt    blunt  
 for right    for left  
 hand    hand

**DESCHAMPS**  
**18-391-270**    **18-392-270**  
 27cm, 10 3/4"    27cm, 10 3/4"  
 sharp    sharp  
 for right    for left  
 hand    hand

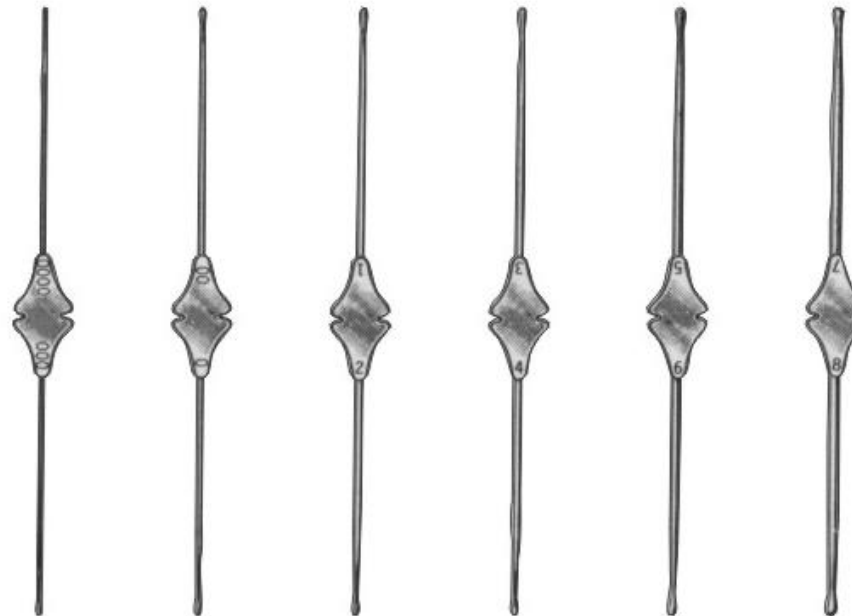
**DESCHAMPS**  
**18-393-280**    **18-394-280**  
 28cm, 11"    28cm, 11"  
 blunt    blunt  
 for right    for left  
 hand    hand

## General Instruments



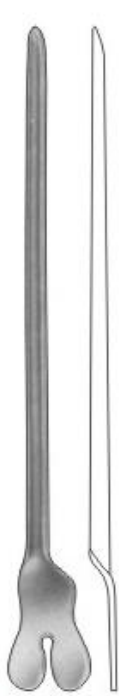
**BOWMAN LACRIMAL PROBES**  
Double Ended, Sterling Silver

- |  |  |   |   |   |   |
|--|--|---|---|---|---|
| <b>18-395-001</b><br>Bowman Probe,<br>000-0000 | <b>18-396-002</b><br>Bowman Probe,<br>00-0 | <b>18-397-003</b><br>Bowman Probe,<br>1-2 | <b>18-398-004</b><br>Bowman Probe,<br>3-4 | <b>18-399-005</b><br>Bowman Probe,<br>5-6 | <b>18-400-006</b><br>Bowman Probe,<br>7-8 |
|--|--|---|---|---|---|

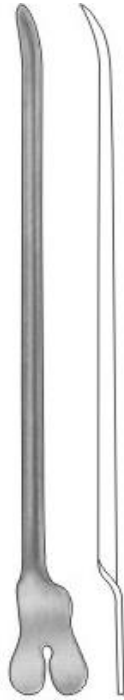


**WILLIAM LACRIMAL PROBES**  
Double Ended, Sterling Silver

- |   |   |  |  |  |  |
|---|---|--|--|--|--|
| <b>18-401-001</b><br>William Probe,<br>000-0000 | <b>18-402-002</b><br>William Probe,<br>00-0 | <b>18-403-003</b><br>William Probe,<br>1-2 | <b>18-404-004</b><br>William Probe,<br>3-4 | <b>18-405-005</b><br>William Probe,<br>5-6 | <b>18-406-006</b><br>William Probe,<br>7-8 |
|---|---|--|--|--|--|



**DIRECTORS**  
 18-407-130 13 cm, 5"  
 18-408-145 14.5 cm, 5 3/4"  
 18-409-116 16 cm, 6"



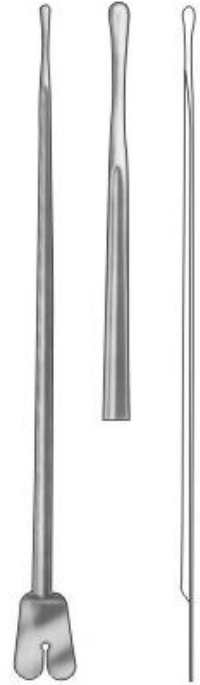
**DOYEN**  
 18-410-145  
 14.5 cm, 5 3/4"



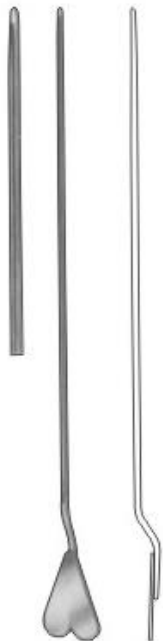
**NELATON**  
 18-411-160  
 16 cm, 6"



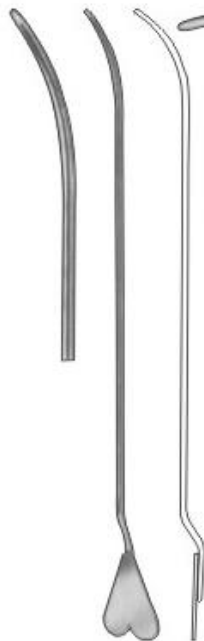
**18-412-140**  
 14 cm, 5 1/2"  
 Director with tip  
 Diam. Of tip 3.3 mm



**BRODIE**  
 18-413-200  
 20 cm, 8"  
 Director with tip  
 Diam. Of tip 3.5 mm



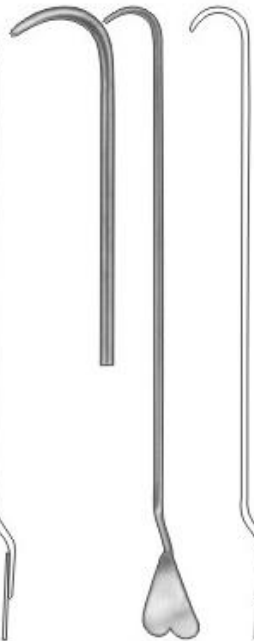
**LOCKHART-MUMMERY**  
 18-414-165  
 16.5 cm, 6 1/2"



**LOCKHART-MUMMERY**  
 18-415-165  
 16.5 cm, 6 1/2"



**LOCKHART-MUMMERY**  
 18-416-165  
 16.5 cm, 6 1/2"



**LOCKHART-MUMMERY**  
 18-417-165  
 16.5 cm, 6 1/2"



**18-418-190**  
 19 cm, 7 1/4"  
 director with wire  
 loop, malleable



**18-419-145** 14.5 cm, 5 ¾"  
**18-420-160** 16.0 cm, 6 ¼"  
**18-421-200** 20.0 cm, 8"  
 probes with eye



**18-422-145**  
 14.5 cm, 5 ¾"  
 Myrtle leaf probe



**18-423-130** 13.0 cm, 5"  
**18-424-145** 14.5 cm, 5 ¾"  
**18-425-160** 16.0 cm, 6 ¼"  
**18-426-185** 18.5 cm, 7"  
**18-427-200** 20.0 cm, 8"



**18-428-001**  
 probe



**18-429-190**  
 19.0 cm, 8 ¼"  
 Double ended probe,  
 malleable, diam, of tips  
 3 mm with hole



**18-430-250** 25.0 cm, 10"  
**18-431-300** 30.0 cm, 12"  
 Double ended probes,  
 tin, malleable, diam, of tips  
 3.5 mm with hole



**18-432-400**  
 40.0 cm, 15 ¾"  
 Double ended probes,  
 tin, malleable, diam, of tips  
 4 mm with hole



**18-433-300** 1.5 mm  
**18-434-300** 2.0 mm  
**18-435-300** 2.5 mm  
 30.0 cm, 12"



**STACKE**  
18-436-100  
10.0 cm, 4"



**KILLIAN**  
18-437-165  
16.5 cm, 6 1/2"



**18-438-165**  
16.5 cm, 6 1/2"



**SEIFFERT**  
18-439-180  
18.0 cm, 7"



**SPATULA**  
18-440-145  
14.5 cm, 5 3/4"



**SPATULA**  
18-441-145  
14.5 cm, 5 3/4"



**MODELL PICCOLO**  
18-442-110  
11.0 cm, 4 1/4"  
Round Serrated



**MODELL PICCOLO**  
18-443-110  
11.0 cm, 4 1/4"  
Triangular Serrated end



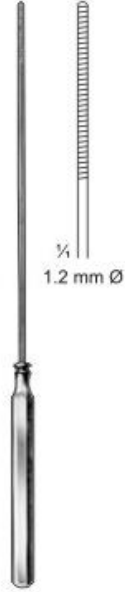
**FARRELL**  
18-444-110  
11.0 cm, 4 1/4"  
Round Serrated end



**LATHBURY-FARREL**  
18-445-110  
11.0 cm, 4 1/4"  
Triangular Serrated end

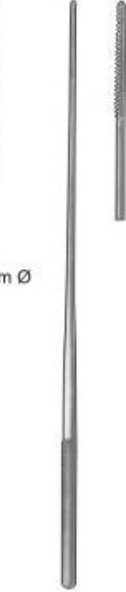


**JCK**  
**18-446-120**  
 12.0 cm, 4 1/4"  
 Rough, spiral end



**MARTIN**  
**18-447-120**  
 12 cm, 5"  
**18-448-140**  
 14 cm, 5 1/2"  
**18-449-160**  
 16 cm, 6 1/4"

1/4  
 1.2 mm Ø



**18-450-140**  
 14.0 cm, 5 1/4"  
 Triangular serrated end



**18-451-140**  
 14.0 cm, 5 1/4"  
 rough, spiral end



**18-452-140**  
 14.0 cm, 5 1/4"  
 rough, spiral end



**18-453-140**  
 14.0 cm, 5 1/4"  
 rough, spiral end



**FARRELL**  
**18-454-140**  
 14.0 cm, 5 1/4"  
 Round, serrated end



**LATHBURY-FARRELL**  
**18-455-140**  
 14.0 cm, 5 1/4"  
 Triangular serrated end



**FARRELL**  
**18-456-160**  
 16.0 cm, 6 1/4"  
 Rough spiral end



**LATHBURY-FARRELL**  
**18-457-160**  
 16.0 cm, 6 1/4"  
 Triangular serrated end



**18-458-160**  
 16.0 cm, 6 1/4"  
 Triangular serrated end



**18-459-180**  
 18.0 cm, 7"  
 Rough spiral end



**18-460-180**  
 18.0 cm, 7"  
 Rough spiral end



**VOLLMAR**  
**18-461-115**  
 11.5 cm, 4 1/2"



**18-462-270**  
 27.0 cm, 10 3/4"  
 Rough spiral end





**OCHSNER**  
18-463-140  
14 cm, 5 1/2"



**LANGE**  
18-464-100  
10 cm, 4"



**CHILDE**  
18-465-180  
18 cm, 7"



**MICHEL**  
18-466-120  
12 cm, 4 3/4"



**WACHENFELDT**  
18-467-125  
12.5 cm, 5"



**HEGENBARTH**  
18-468-125  
12.5 cm, 5"



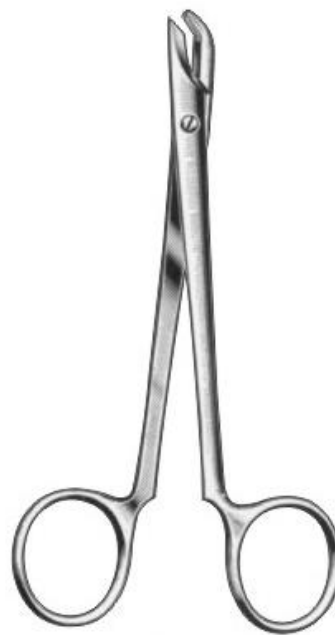
**WACHENFELDT**  
18-469-125  
12.5 cm, 5"



**MICHEL**  
18-470-120  
12 cm, 4 3/4"



**MOD. MICHEL**  
18-471-120  
12 cm, 4 3/4"



**COLLIN**  
18-472-130  
13 cm, 5"



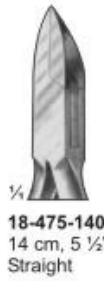
**RICHTER-HEATH**  
18-473-140  
14 cm, 5 1/2"



**CUTICLE NIPPER**  
18-474-110  
11 cm, 4 1/2"



**NAIL NIPPER**



18-475-140  
14 cm, 5 1/2"  
Straight



18-476-140  
14 cm, 5 1/2"  
Concave



**NAIL CLIPPER**  
18-477-140  
14 cm, 5 1/2"  
Angled / Concave



**NAIL NIPPER**  
18-478-130  
13 cm, 5 1/4"  
Straight



**NAIL NIPPER**  
18-479-105  
10.5 cm, 4"



**NAIL NIPPER**  
18-481-152  
15.0 cm, 6"  
Barrel Spring  
Concave



**NAIL NIPPER**  
18-482-130  
13 cm, 5 1/4"  
Barrel Spring  
Concave