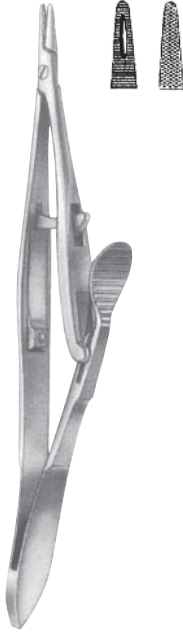




105



PORTEGÜLER  
NEEDLE HOLDERS



**KALT**

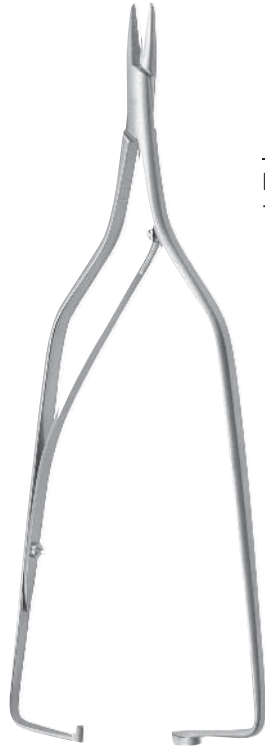
**MS 105-101** 14,0 cm / 5½"



**ARRUGA**

**MS 105-102**  
14,0 cm / 5½"

**MS 105-103**  
14,0 cm / 5½"





**ARRUGA**

**MS 105-104**  
16,0 cm / 6¼"

**MS 105-105**  
16,0 cm / 6¼"





	
<b>MS 105-110</b> 10,0 cm / 4"	<b>MS 105-111</b> 10,0 cm / 4"

kilitsiz  
without ratchet

**BARRAQUER-TROUTMAN**









	
<b>MS 105-112</b> 10,0 cm / 4"	<b>MS 105-113</b> 10,0 cm / 4"

kilitli  
with ratchet







**BARRAQUER-TROUTMAN**



		
<b>MS 105-114</b> 11,5 cm / 4½"	<b>MS 105-115</b> 13,0 cm / 5⅛"	<b>MS 105-116</b> 14,0 cm / 5½"
		
<b>MS 105-117</b> 11,5 cm / 4½"	<b>MS 105-118</b> 13,0 cm / 5⅛"	<b>MS 105-119</b> 14,0 cm / 5½"

**BARRAQUER**  
kilitsiz  
without ratchet



		
<b>MS 105-120</b> 11,5 cm / 4½"	<b>MS 105-121</b> 13,0 cm / 5⅛"	<b>MS 105-122</b> 14,0 cm / 5½"
		
<b>MS 105-123</b> 11,5 cm / 4½"	<b>MS 105-124</b> 13,0 cm / 5⅛"	<b>MS 105-125</b> 14,0 cm / 5½"

**BARRAQUER**  
kilitli  
with ratchet



kilitli  
with ratchet

**BARRAQUER**

<b>MS 105-140</b>	15,0 cm / 6"
<b>MS 105-141</b>	18,0 cm / 6"
<b>MS 105-142</b>	21,0 cm / 8¼"



kilitli  
with ratchet

**BARRAQUER**

<b>MS 105-143</b>	15,0 cm / 6"
<b>MS 105-144</b>	18,0 cm / 6"
<b>MS 105-145</b>	21,0 cm / 8¼"



kilitsiz  
without ratchet

**BARRAQUER**

<b>MS 105-146</b>	15,0 cm / 6"
<b>MS 105-147</b>	18,0 cm / 6"
<b>MS 105-148</b>	21,0 cm / 8¼"



kilitsiz  
without ratchet

**BARRAQUER**

<b>MS 105-149</b>	15,0 cm / 6"
<b>MS 105-150</b>	18,0 cm / 6"
<b>MS 105-151</b>	21,0 cm / 8¼"



eğri  
curved

kilitsiz  
without ratchet

**GOMEL**

<b>MS 105-152</b>	14,0 cm / 5½"
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**MS 105-160**  
14,0 cm / 5½"



**MS 105-161**  
14,0 cm / 5½"

**CASTROVIEJO**

kilitli  
with ratchet



**MS 105-162**  
14,0 cm / 5½"



**MS 105-163**  
14,0 cm / 5½"

**CASTROVIEJO**

kilitsiz  
without ratchet



**MS 105-164**  
14,0 cm / 5½"



**MS 105-165**  
14,0 cm / 5½"

**CASTROVIEJO**

kilitli  
with ratchet



**MS 105-166**  
14,0 cm / 5½"



**MS 105-167**  
14,0 cm / 5½"

**CASTROVIEJO**

kilitsiz  
without ratchet



**CASTROVIEJO (JACOBSON)**

**MS 105-180** 18,0 cm / 7"  
**MS 105-181** 21,0 cm / 8¼"



**CASTROVIEJO (JACOBSON)**

**MS 105-182** 18,0 cm / 7"  
**MS 105-183** 21,0 cm / 8¼"



**CASTROVIEJO (JACOBSON)**

**MS 105-184** 18,0 cm / 7"  
**MS 105-185** 21,0 cm / 7"



**CASTROVIEJO (JACOBSON)**

**MS 105-186** 18,0 cm / 7"  
**MS 105-187** 21,0 cm / 7"



**CASTROVIEJO (JACOBSON)**

**MS 105-188** 18,0 cm / 7"  
**MS 105-189** 21,0 cm / 7"



**CASTROVIEJO (JACOBSON)**

**MS 105-190** 18,0 cm / 7"  
**MS 105-191** 21,0 cm / 7"



**CASTROVIEJO (JACOBSON)**

**MS 105-192** 18,0 cm / 7"  
**MS 105-193** 21,0 cm / 7"



**CASTROVIEJO (JACOBSON)**

**MS 105-194** 18,0 cm / 7"  
**MS 105-195** 21,0 cm / 7"



**YASARGIL**

- MS 105-210** 20,0 cm / 8"
- MS 105-211** 22,5 cm / 9"
- MS 105-212** 24,5 cm / 9<sup>2</sup>/<sub>3</sub>"



**YASARGIL**

- MS 105-213** 20,0 cm / 8"
- MS 105-214** 22,5 cm / 9"
- MS 105-215** 24,5 cm / 9<sup>2</sup>/<sub>3</sub>"



**CASTROVIEJO**

- MS 105-230** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**CASTROVIEJO**

- MS 105-231** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



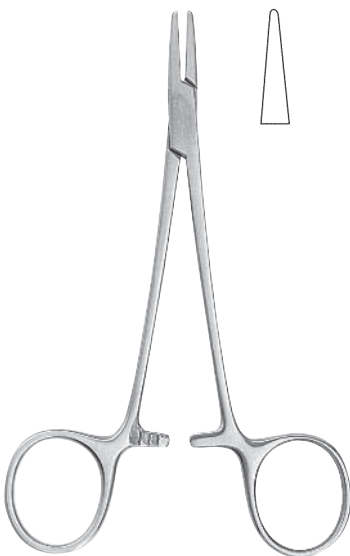
**DERF**  
MS 105-232 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**DERF**  
MS 105-233 12,5 cm / 5"



**COLLIER**  
MS 105-234 12,5 cm / 5"



**WEBSTER**  
MS 105-240 13,0 cm / 5"



**WEBSTER**  
MS 105-241 13,0 cm / 5"



**HALSEY**  
MS 105-250 11,5 cm / 4"  
MS 105-251 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"





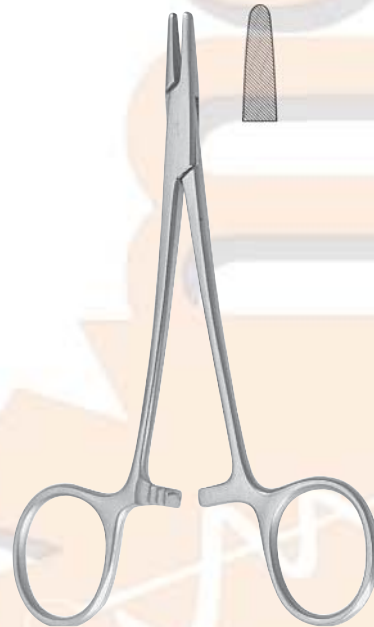
**HALSEY**  
MS 105-252 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**NEIVERT**  
MS 105-260 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**BAUMGARTNER**  
MS 105-261 14,0 cm / 5<sup>1</sup>/<sub>2</sub>"



**BROWN**  
MS 105-262 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"  
MS 105-263 18,0 cm / 7"



**CRILE MURRAY**

**MS 105-270** 15,0 cm / 6"



**CRILE WOOD**

**MS 105-271** 15,0 cm / 6"  
**MS 105-272** 18,0 cm / 7"  
**MS 105-273** 20,0 cm / 8"



**ADSON**

**MS 105-280** 18,0 cm / 7"



**METZENBAUM**

**MS 105-281** 18,0 cm / 7"



**MASS.-GENERAL-HOS ITAL**

**MS 105-282** 17,0 cm / 6<sup>3</sup>/<sub>4</sub>"



MAYO-HEGAR



**MS 105-290**  
12,5 cm / 5"



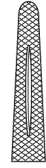
**MS 105-291**  
14,0 cm / 5½"



**MS 105-292**  
16,0 cm / 6¼"



**MS 105-293**  
18,0 cm / 7"



**MS 105-294**  
20,0 cm / 5½"



**MS 105-295**  
24,0 cm / 9½"



**MS 105-296**  
26,0 cm / 10¼"



**MS 105-297**  
30,0 cm / 11¾"



MAYO HEGAR



**MS 105-310**  
16,0 cm / 6¼"



**MS 105-311**  
18,0 cm / 7"



**MS 105-312**  
20,0 cm / 8"



**HEANEY**

**MS 105-320** 21,0 cm / 8<sup>1</sup>/<sub>4</sub>"



**JAMISON**

**MS 105-321** 23,5 cm / 9<sup>1</sup>/<sub>4</sub>"



**MASSON**

**MS 105-322** 27,0 cm / 10<sup>1</sup>/<sub>2</sub>"



**FINOCHIETTO**

**MS 105-323** 27,0 cm / 10½"



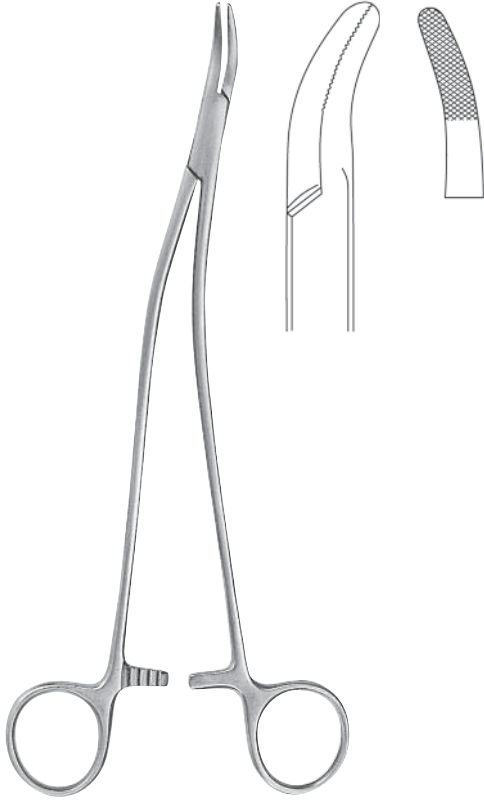
**WANGENSTEEN**

**MS 105-324** 27,0 cm / 10½"



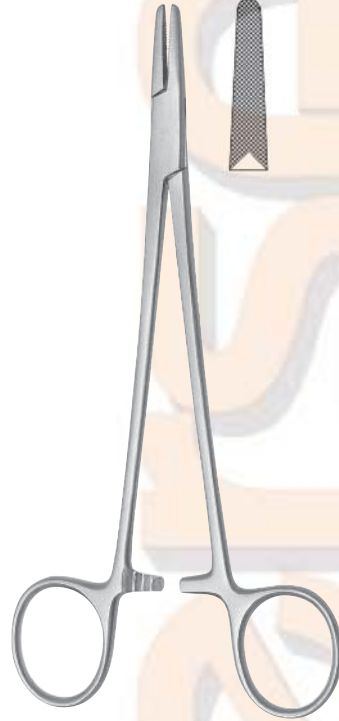
**JOHNSON**

**MS 105-326** 27,0 cm / 10½"



**STRATTE**

**MS 105-327** 23,0 cm / 9"



**MAYO-HEGAR**

**MS 105-340** 16,5 cm / 6<sup>1</sup>/<sub>2</sub>"  
**MS 105-341** 19,0 cm / 7<sup>1</sup>/<sub>2</sub>"



**HEGAR**

**MS 105-342** 15,0 cm / 6"  
**MS 105-343** 17,5 cm / 7"  
**MS 105-344** 20,5 cm / 8"



**HEGAR**

**MS 105-345** 20,5 cm / 8"



**OLSEN-HEGAR**

**MS 105-360** 11,5 cm / 4½"  
**MS 105-361** 14,0 cm / 5½"



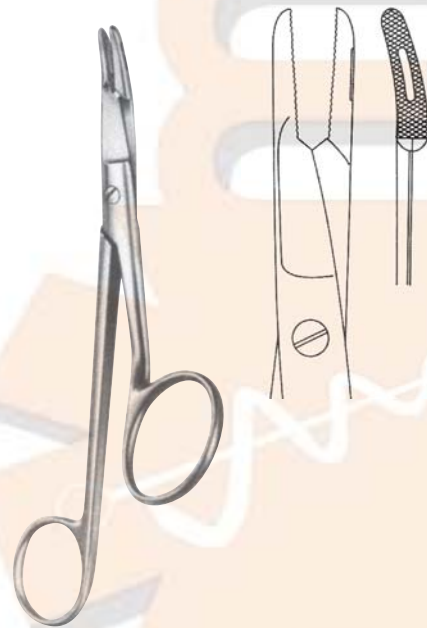
**OLSEN-HEGAR**

**MS 105-362** 18,5 cm / 7¼"



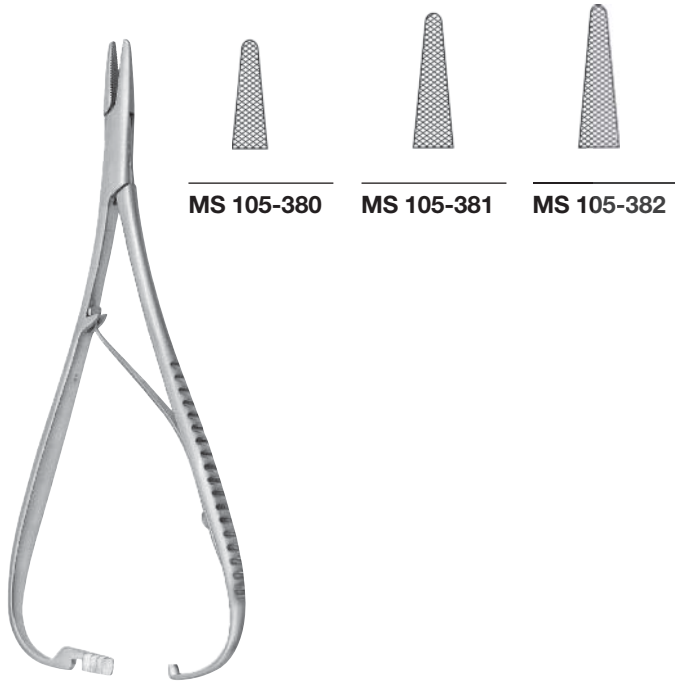
**BABY-GILLIES**

**MS 105-363** 15,0 cm / 6"



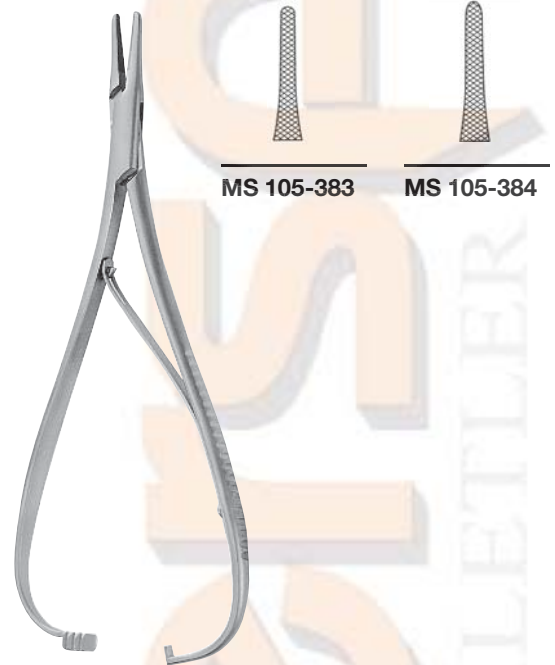
**GILLIES**

**MS 105-364** 16,0 cm / 6¼"



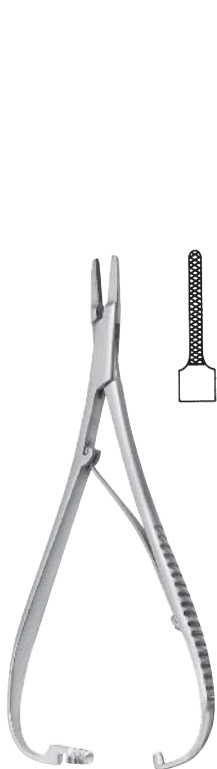
**MATHIEU**

14,0 cm / 5½"  
17,0 cm / 6¾"  
20,0 cm / 8"



**MATHIEU-KOCHER**

14,0 cm / 5½"  
17,0 cm / 6¾"



**MATHIEU-RYDER**

**MS 105-385** 14,0 cm / 5½"



**TOENNIS**

**MS 105-386** 18,0 cm / 7"



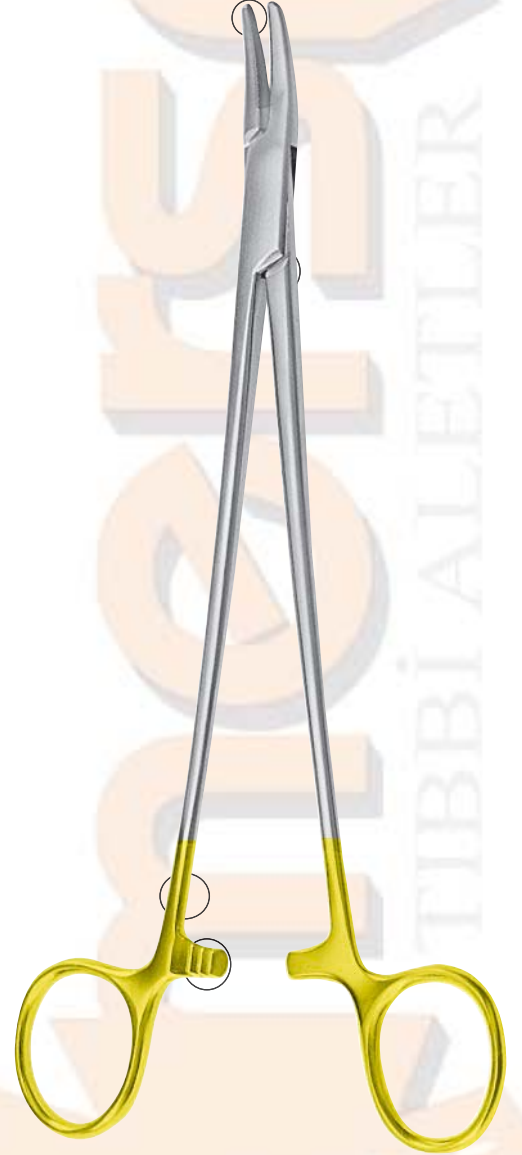
**LICHTENBERG**

**MS 105-387** 20,0 cm / 8"



Tungsten carbide uçlar güvenli bir şekilde iğne kavraması için.  
Kolay tanınması için altın kaplamalı yüzük.  
Yumuşak çalışma yakalamak için güvenli kullanım sağlar.

Tungsten carbide inserts with precisely worked out structure  
guarantee to grip the needle securely.  
Gold-plated rings for easy identification.  
Soft working catch provides safe handling.

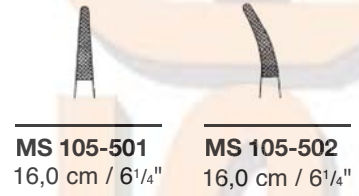




**KALT**  
MS 105-500 14,0 cm / 5½"



**ARRUGA**



**BOYTON**  
MS 105-503 12,0 cm / 4¾"



**CASTROVIEJO (JACOBSON)**

- MS 105-510** 14,0 cm / 5 1/2"
- MS 105-511** 18,0 cm / 7"
- MS 105-512** 22,0 cm / 8 3/4"



**CASTROVIEJO (JACOBSON)**

- MS 105-513** 14,0 cm / 5 1/2"
- MS 105-514** 18,0 cm / 7"
- MS 105-515** 22,0 cm / 8 3/4"



**CASTROVIEJO (JACOBSON)**

- MS 105-516** 14,0 cm / 5 1/2"
- MS 105-517** 18,0 cm / 7"
- MS 105-518** 22,0 cm / 8 3/4"



**CASTROVIEJO (JACOBSON)**

- MS 105-519** 14,0 cm / 5 1/2"
- MS 105-520** 18,0 cm / 7"
- MS 105-521** 22,0 cm / 8 3/4"



**CASTROVIEJO (JACOBSON)**

- MS 105-522** 14,0 cm / 5 1/2"
- MS 105-523** 18,0 cm / 7"
- MS 105-524** 22,0 cm / 8 3/4"



**CASTROVIEJO (JACOBSON)**

- MS 105-525** 14,0 cm / 5 1/2"
- MS 105-526** 18,0 cm / 7"
- MS 105-527** 22,0 cm / 8 3/4"



**CASTROVIEJO (JACOBSON)**

- MS 105-528** 14,0 cm / 5½"
- MS 105-529** 18,0 cm / 7"
- MS 105-530** 22,0 cm / 8¾"

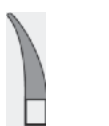


**CASTROVIEJO (JACOBSON)**

- MS 105-531** 14,0 cm / 5½"
- MS 105-532** 18,0 cm / 7"
- MS 105-533** 22,0 cm / 8¾"



**MS 105-550**  
18,0 cm / 7"



**MS 105-551**  
18,0 cm / 7"



**BARRAQUER**

- MS 105-552** 18,0 cm / 7"



**BARRAQUER**

- MS 105-553** 14,0 cm / 5½"
- MS 105-554** 18,0 cm / 7"



**BARRAQUER**

**MS 105-555** 18,0 cm / 7"  
**MS 105-556** 21,0 cm / 8¼"



**BARRAQUER**

**MS 105-557** 18,0 cm / 7"  
**MS 105-558** 21,0 cm / 8¼"



**BARRAQUER**

**MS 105-559** 18,0 cm / 7"  
**MS 105-560** 21,0 cm / 8¼"



**BARRAQUER**

**MS 105-561** 14,0 cm / 5½"  
**MS 105-562** 18,0 cm / 7"  
**MS 105-563** 21,0 cm / 8¼"



**YASARGIL**

**MS 105-580** 22,5 cm / 9"



**YASARGIL**

**MS 105-581** 22,5 cm / 9"



**DIETHRICH-RYDER**

- MS 105-590** 16,0 cm / 6<sup>1</sup>/<sub>4</sub>"
- MS 105-591** 18,0 cm / 7"
- MS 105-592** 20,0 cm / 8"
- MS 105-593** 23,0 cm / 9"
- MS 105-594** 25,0 cm / 9<sup>3</sup>/<sub>4</sub>"



**DIETHRICH-RYDER**

- MS 105-610** 16,0 cm / 6<sup>1</sup>/<sub>4</sub>"
- MS 105-611** 18,0 cm / 7"
- MS 105-612** 20,0 cm / 8"
- MS 105-613** 23,0 cm / 9"
- MS 105-614** 25,0 cm / 9<sup>3</sup>/<sub>4</sub>"



**HEPP-SCHEIDEL**

- MS 105-620** 18,0 cm / 7"



**DERF**

- MS 105-621** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**CONVERSE**

**MS 105-622** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**WEBSTER**

**MS 105-630** 11,5 cm / 4<sup>1</sup>/<sub>2</sub>"  
**MS 105-631** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**WEBSTER**

**MS 105-632** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



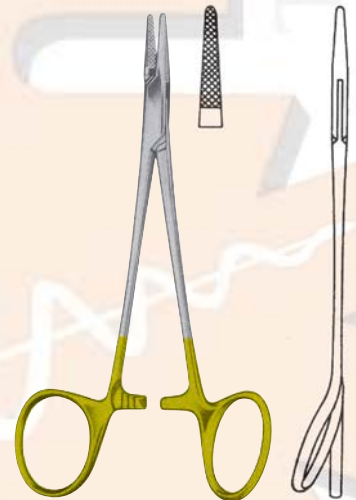
**HALSEY**

**MS 105-640** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**HALSEY**

**MS 105-641** 11,5 cm / 4<sup>1</sup>/<sub>2</sub>"  
**MS 105-642** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**NEIVERT**

**MS 105-650** 13,0 cm / 5<sup>1</sup>/<sub>8</sub>"



**KILNER MS**

**105-651** 13,5 cm / 5<sup>1</sup>/<sub>4</sub>"



**BAUMGARTNER**

**MS 105-660** 12,5 cm / 5"  
**MS 105-661** 14,0 cm / 5<sup>1</sup>/<sub>2</sub>"



**MAYO-HEGAR**



**MS 105-670**  
 14,0 cm / 5<sup>1</sup>/<sub>2</sub>"



**MS 105-671**  
 16,0 cm / 6<sup>1</sup>/<sub>4</sub>"



**MS 105-672**  
 18,0 cm / 7"



**MS 105-673**  
 20,0 cm / 5<sup>1</sup>/<sub>2</sub>"



**MS 105-674**  
 24,0 cm / 9<sup>1</sup>/<sub>2</sub>"

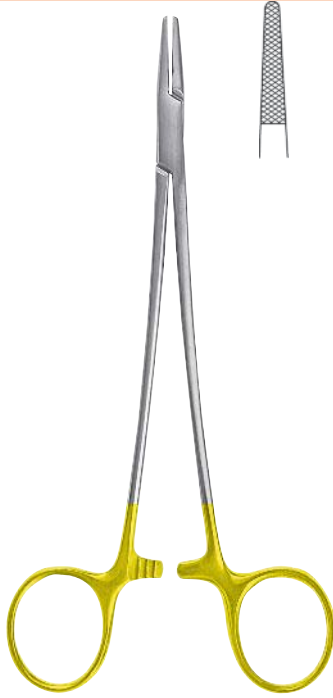


**MS 105-675**  
 26,0 cm / 10<sup>1</sup>/<sub>4</sub>"



**MS 105-676**  
 30,0 cm / 11<sup>3</sup>/<sub>4</sub>"





**MAYO-HEGAR**

**MS 105-690** 18,0 cm / 7"  
**MS 105-691** 20,0 cm / 8"



**MAYO-HEGAR**

**MS 105-692** 18,0 cm / 7"



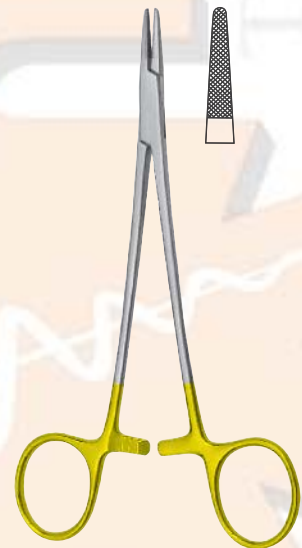
**HEGAR**

**MS 105-693** 20,0 cm / 8"  
**MS 105-694** 24,0 cm / 9<sup>5</sup>/<sub>8</sub>"



**MAYO-HEGAR (HEANEY)**

**MS 105-695** 20,0 cm / 8"  
**MS 105-696** 24,0 cm / 9<sup>5</sup>/<sub>8</sub>"  
**MS 105-697** 26,0 cm / 10<sup>1</sup>/<sub>4</sub>"



**CRILE-WOOD BABY**

**MS 105-710** 15,0 cm / 6"



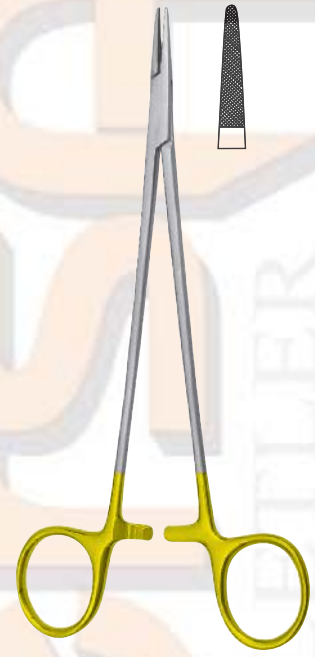
**CRILE-WOOD**

- MS 105-711** 15,0 cm / 6"
- MS 105-712** 18,0 cm / 7"
- MS 105-713** 20,0 cm / 8"
- MS 105-714** 23,0 cm / 9"
- MS 105-715** 26,0 cm / 10<sup>1</sup>/<sub>4</sub>"



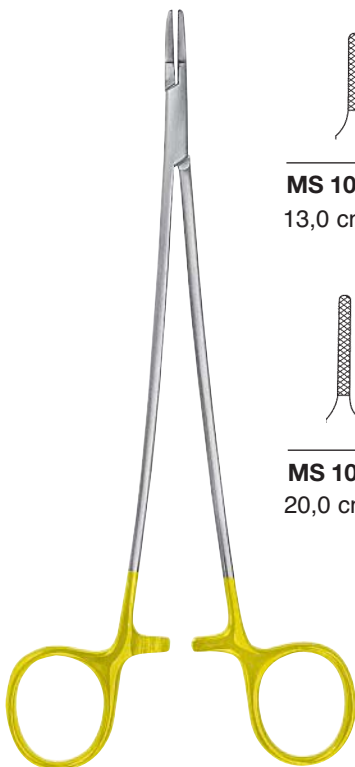
**DEBAKEY**

- MS 105-730** 15,0 cm / 6"
- MS 105-731** 16,5 cm / 6<sup>1</sup>/<sub>2</sub>"
- MS 105-732** 18,0 cm / 7"
- MS 105-733** 20,0 cm / 8"
- MS 105-734** 23,0 cm / 9"
- MS 105-735** 26,0 cm / 10<sup>1</sup>/<sub>4</sub>"
- MS 105-736** 31,0 cm / 12<sup>1</sup>/<sub>4</sub>"

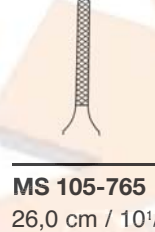
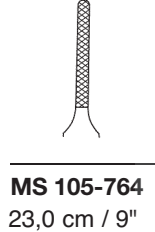
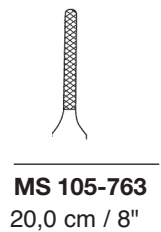
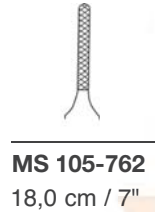
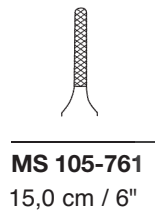
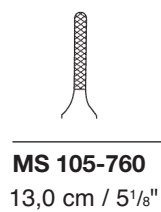


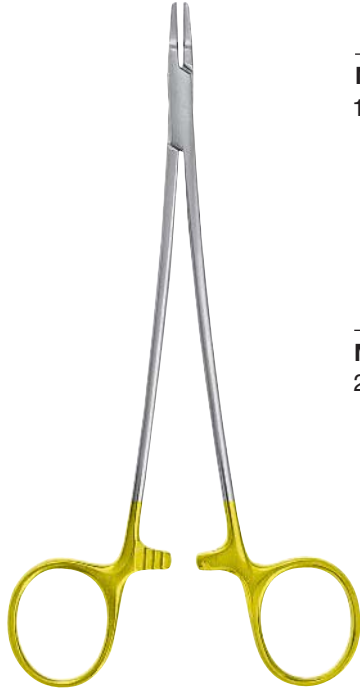
**MIKRO-SLIM**

- MS 105-750** 15,0 cm / 6"
- MS 105-751** 18,0 cm / 7"
- MS 105-752** 20,0 cm / 8"
- MS 105-753** 23,0 cm / 9"

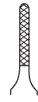


**RYDER-FRENCH EYE**





**RYDER-MINI**



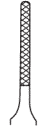
**MS 105-780**  
13,0 cm / 5 1/8"



**MS 105-781**  
15,0 cm / 6"



**MS 105-782**  
18,0 cm / 7"



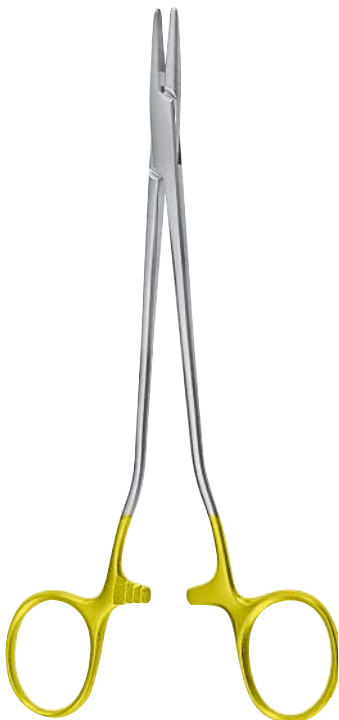
**MS 105-783**  
20,0 cm / 8"



**MS 105-784**  
23,0 cm / 9"



**MS 105-785**  
26,0 cm / 10 1/4"



**HEGAR-VASCULAR**



**MS 105-800**  
14,0 cm / 5 1/2"



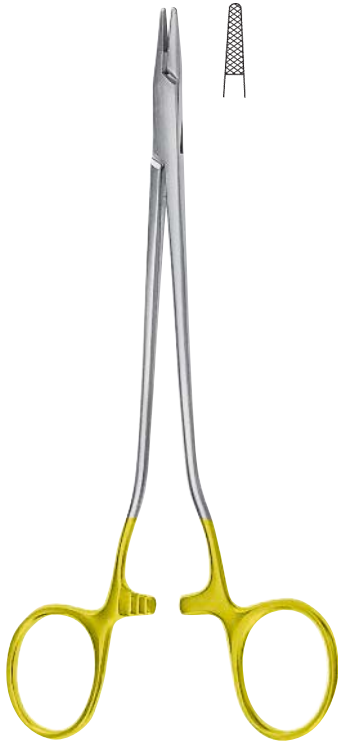
**MS 105-801**  
18,0 cm / 7"



**MS 105-803**  
20,0 cm / 8"

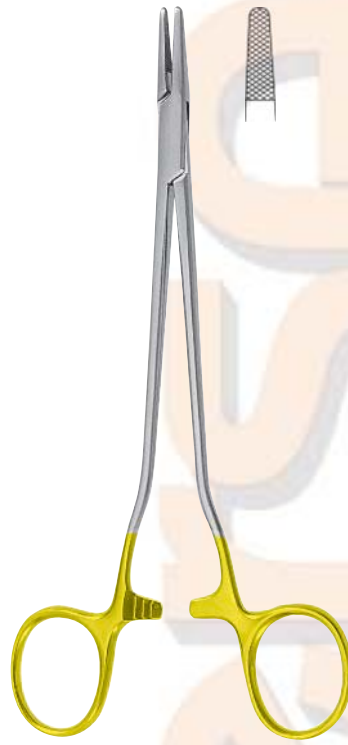


**MS 105-804**  
23,0 cm / 9"



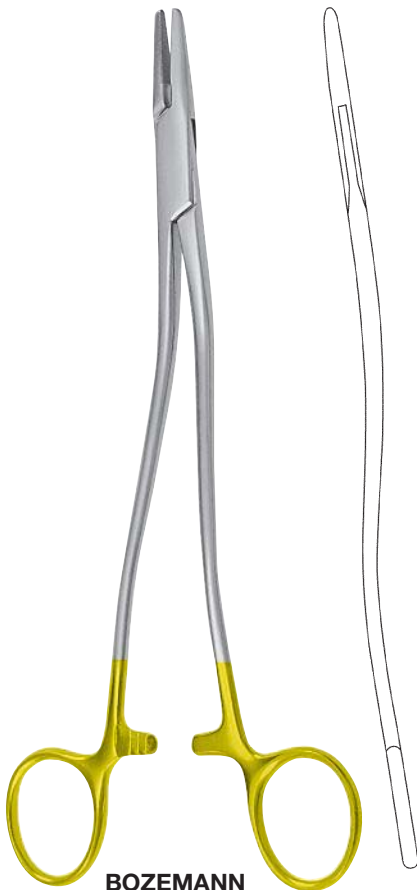
**SENNING**

- MS 105-810** 15,0 cm / 6"
- MS 105-811** 17,0 cm / 6<sup>3</sup>/<sub>4</sub>"
- MS 105-812** 20,0 cm / 8"



**SAROT**

- MS 105-820** 18,0 cm / 7"
- MS 105-821** 20,0 cm / 8"
- MS 105-822** 23,0 cm / 9"
- MS 105-823** 26,0 cm / 10<sup>1</sup>/<sub>4</sub>"



**BOZEMANN**



**MS 105-830**  
20,0 cm / 5<sup>1</sup>/<sub>2</sub>"



**MS 105-831**  
24,0 cm / 9<sup>1</sup>/<sub>2</sub>"



**MS 105-832**  
26,0 cm / 10<sup>1</sup>/<sub>4</sub>"



**MS 105-833**  
30,0 cm / 11<sup>3</sup>/<sub>4</sub>"



**STRATTE**

**MS 105-840**  
21,0 cm / 8¼"



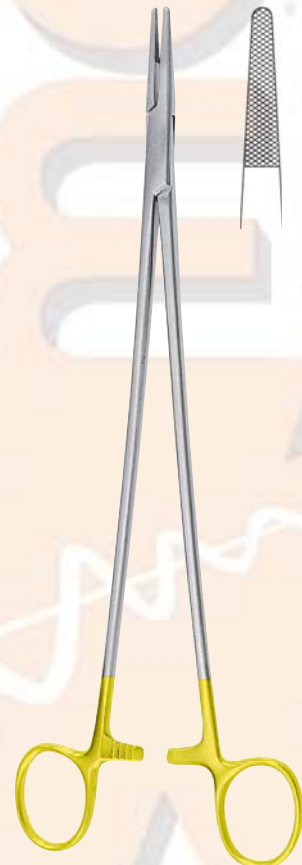
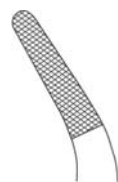
**MS 105-841**  
23,0 cm / 9"



**MASSON**  
**MS 105-842** 27,0 cm / 10¼"

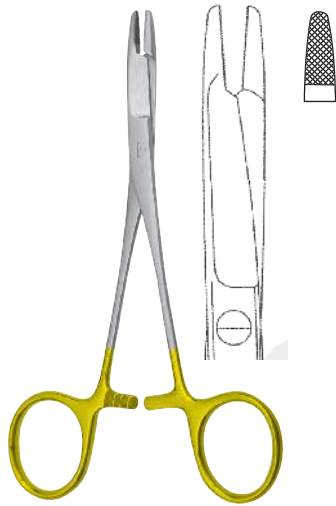


**FINOCHIETTO**  
**MS 105-850** 27,0 cm / 10¼"



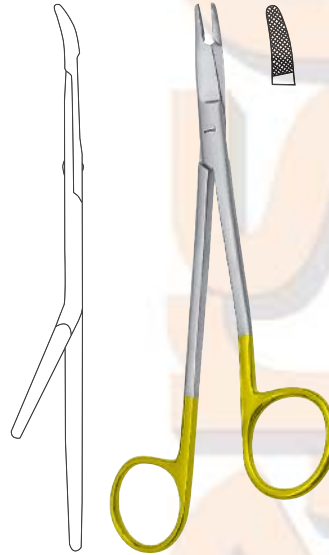
**WANGENSTEEN**  
**MS 105-851** 28,0 cm / 11"





**OLSEN-HEGAR**

- MS 105-860** 11,5 cm / 4½"
- MS 105-861** 14,0 cm / 5½"
- MS 105-862** 17,0 cm / 6¾"
- MS 105-863** 18,5 cm / 7¼"



**BABY-GILLIES**

- MS 105-870** 15,0 cm / 6"



**GILLIES**

- MS 105-871** 16,0 cm / 6¼"



MATHIEU



**MS 105-880**  
14,0 cm / 5½"



**MS 105-881**  
17,0 cm / 6¾"



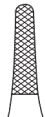
**MS 105-882**  
20,0 cm / 8"



**MS 105-883**  
24,0 cm / 6½"



MATHIEU-KOCHER



**MS 105-890**  
14,0 cm / 5½"



**MS 105-891**  
17,0 cm / 6¾"



**MS 105-892**  
20,0 cm / 8"



MATHIEU-RYDER



**MS 105-900**  
14,0 cm / 5½"



**MS 105-901**  
17,0 cm / 6¾"



**MS 105-902**  
20,0 cm / 8"



MATHIEU



**MS 105-910**  
14,0 cm / 5½"



**MS 105-911**  
17,0 cm / 6¾"



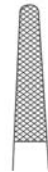
**MS 105-912**  
20,0 cm / 8"



LANGENBECK



**MS 105-920**  
16,0 cm / 6¼"



**MS 105-921**  
18,0 cm / 7"



**MS 105-922**  
20,0 cm / 8"





**CRILE**

**MS 105-930** 15,0 cm / 6"



**TOENNIS**

**MS 105-931** 18,0 cm / 7"



**LICHTENBERG**

**MS 105-940** 17,0 cm / 6<sup>3</sup>/<sub>4</sub>"  
**MS 105-941** 20,0 cm / 8"



**LICHTENBERG**

**MS 105-942** 17,0 cm / 6<sup>3</sup>/<sub>4</sub>"



**HÖSEL**

**MS 105-943** 20,0 cm / 8"



**MS 105-944**  
20,0 cm / 8"



**MS 105-945**  
23,0 cm / 9"

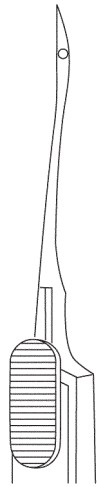
**ZWEIFEL**



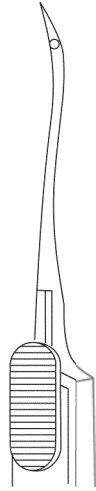
**HÖSEL**  
**MS 105-946** 26,0 cm / 10<sup>3</sup>/<sub>4</sub>"



REVERDIN



**MS 105-1000**  
14,0 cm / 5 1/2"



**MS 105-1001**  
14,0 cm / 5 1/2"



**MS 105-1002**  
14,0 cm / 5 1/2"



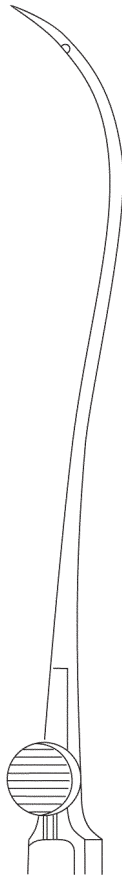
**MS 105-1003**  
14,0 cm / 5 1/2"



REVERDIN



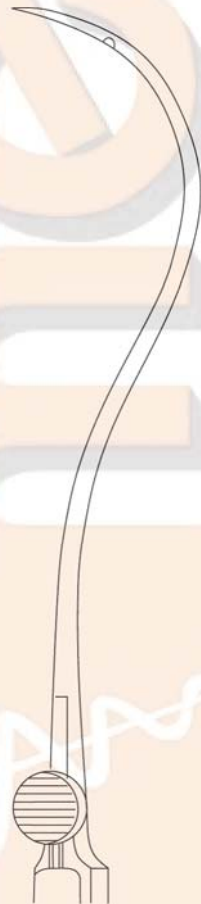
**MS 105-1004**  
**MS 105-1008**



**MS 105-1005**  
**MS 105-1009**



**MS 105-1006**  
**MS 105-1010**



**MS 105-1007**  
**MS 105-1011**

19,0 cm / 7 1/2"  
23,0 cm / 9"



Fig. 1  
MS 105-1021

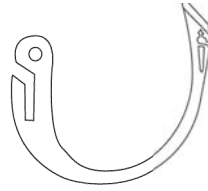


Fig. 2  
MS 105-1022

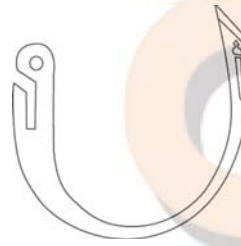


Fig. 3  
MS 105-1023

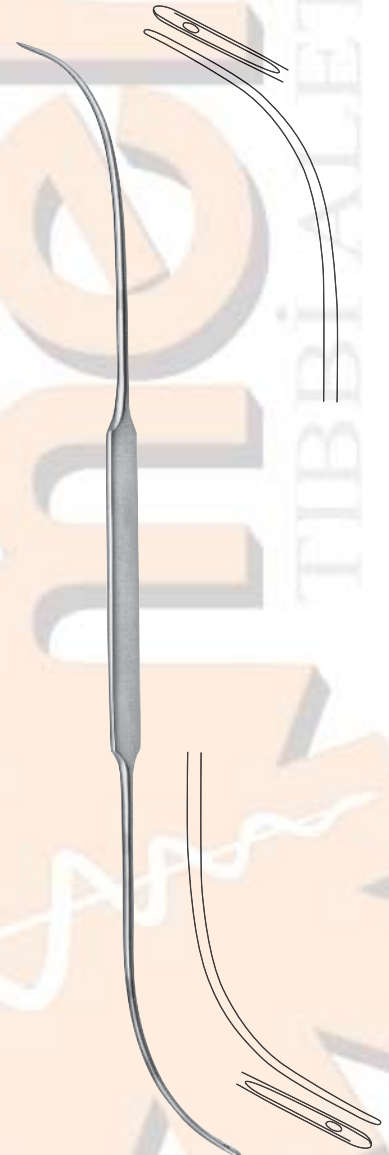
**YOUNG**

MS 105-1020 24,0 cm / 9<sup>1</sup>/<sub>2</sub>"



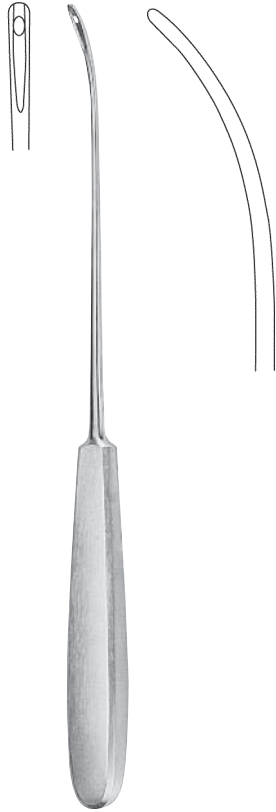
**SCHMIEDEN**

MS 105-1030 24,0 cm / 9<sup>1</sup>/<sub>2</sub>"

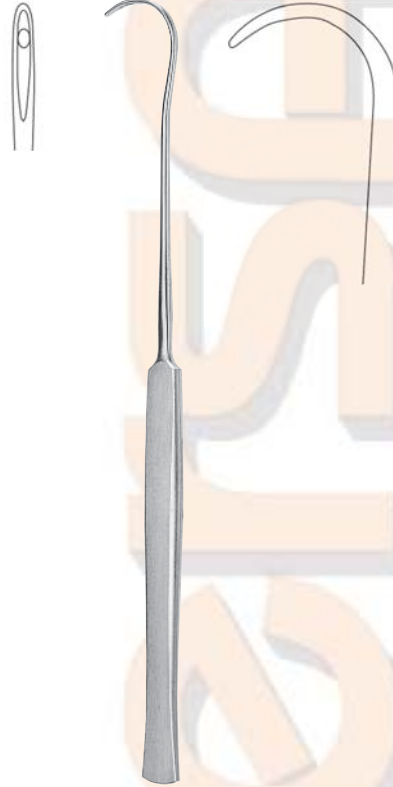


**SCHMIEDEN-DICK**

MS 105-1031 30,0 cm / 11<sup>3</sup>/<sub>4</sub>"



**MS 105-1040** 20,0 cm / 8"



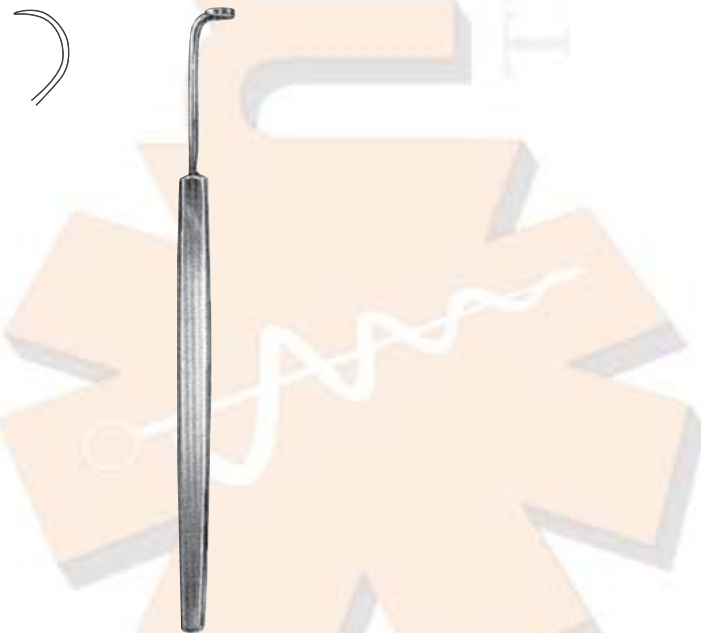
**COOPER**

**MS 105-1041** 19,0 cm / 7½"



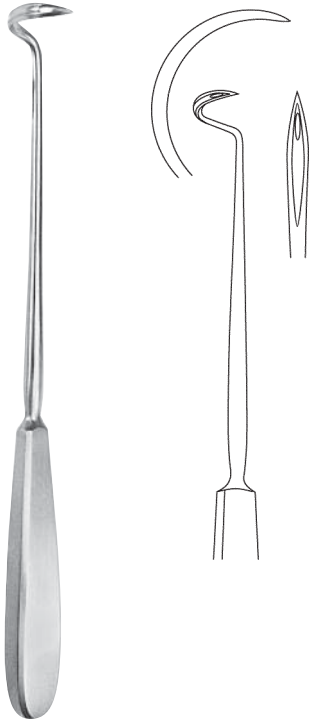
**KRONECKER**

**MS 105-1042** 13,0 cm / 5½"



**KRONECKER**

**MS 105-1043** 13,0 cm / 5½"

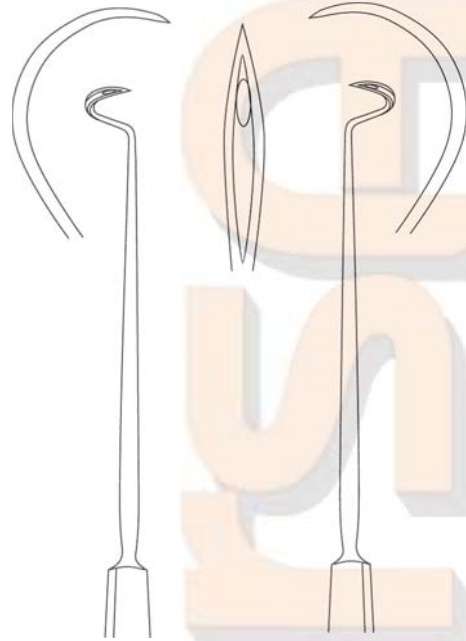


**DESCHAMPS**

**MS 105-1050** 20,0 cm / 8"



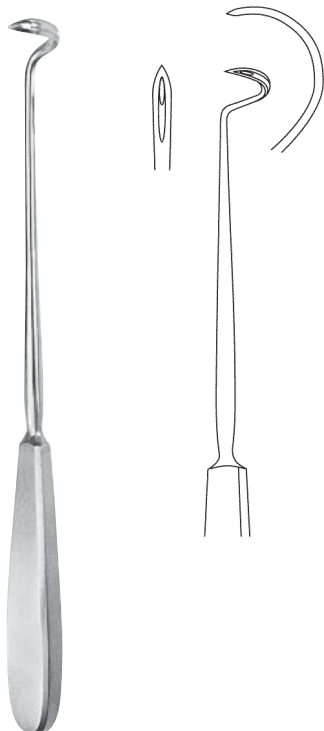
**DESCHAMPS**



**MS 105-1050**  
**MS 105-1051**

**MS 105-1052**  
**MS 105-1053**

21,0 cm / 8 1/4"  
27,0 cm / 10 1/4"

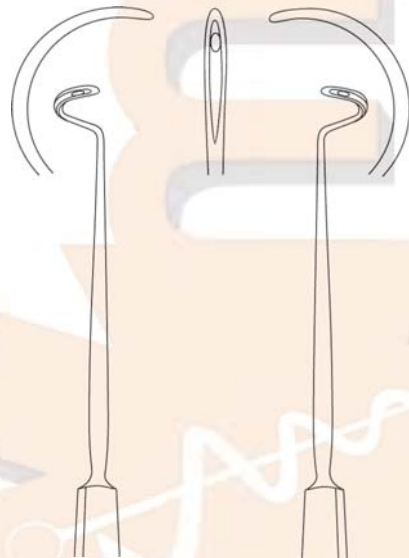


**DESCHAMPS**

**MS 105-1054** 20,0 cm / 8"



**DESCHAMPS**

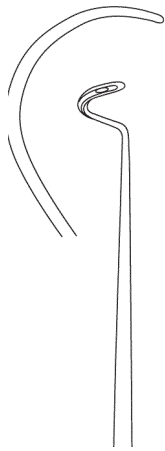


**MS 105-1055**  
20,0 cm / 8"

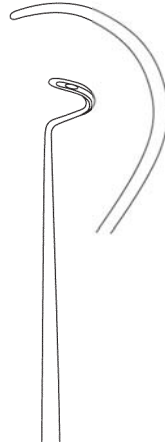
**MS 105-1056**  
20,0 cm / 8"



DESCHAMPS



MS 105-1058  
MS 105-1059

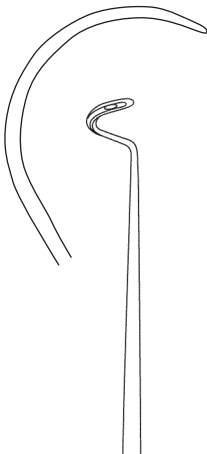


MS 105-1060  
MS 105-1061

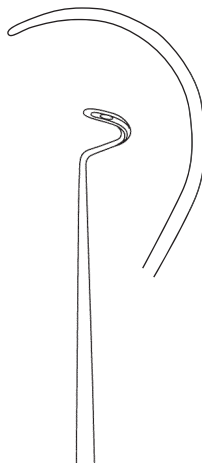
21,0 cm / 8 1/4"  
24,0 cm / 9 1/2"



DESCHAMPS



MS 105-1062  
MS 105-1063



MS 105-1064 24,0 cm / 9 1/2"  
MS 105-1065 28,0 cm / 11"



BRUNNER

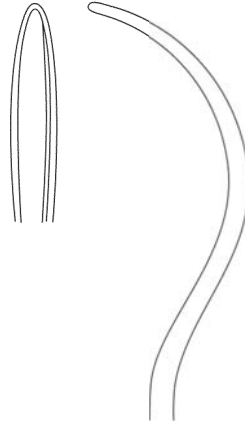
MS 105-1080  
30,0 cm / 11 3/4"

MS 105-1081  
30,0 cm / 11 3/4"



**MS 105-1082**  
30,0 cm / 11<sup>3</sup>/<sub>4</sub>"

**BRUNNER**

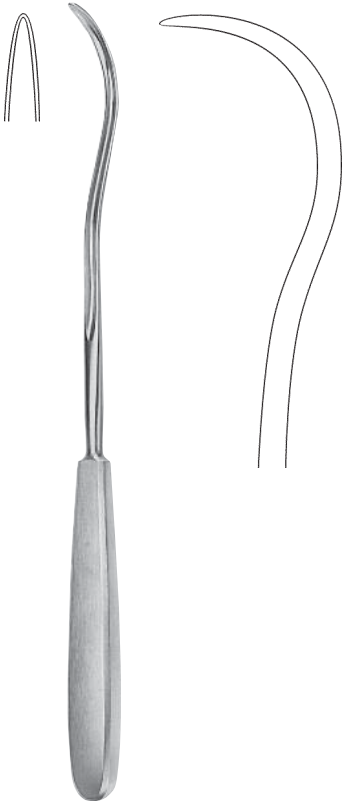


**MS 105-1083**  
30,0 cm / 11<sup>3</sup>/<sub>4</sub>"



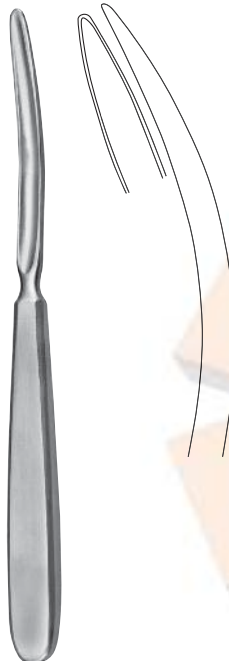
**KIRSCHNER**

**MS 105-1090** 25,5 cm / 10"



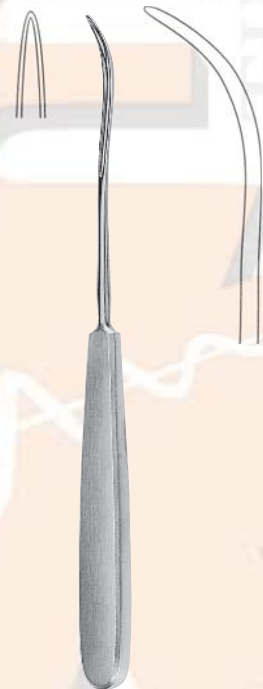
**KIRSCHNER**

**MS 105-1091** 28,0 cm / 11"



**FRIMED**

**MS 105-1095** 19,5 cm / 7<sup>3</sup>/<sub>4</sub>"



**KÖNIG**

**MS 105-1110** 19,5 cm / 7<sup>3</sup>/<sub>4</sub>"





**KÖNIG**

**MS 105-1111** 19,5 cm / 7<sup>3</sup>/<sub>4</sub>"



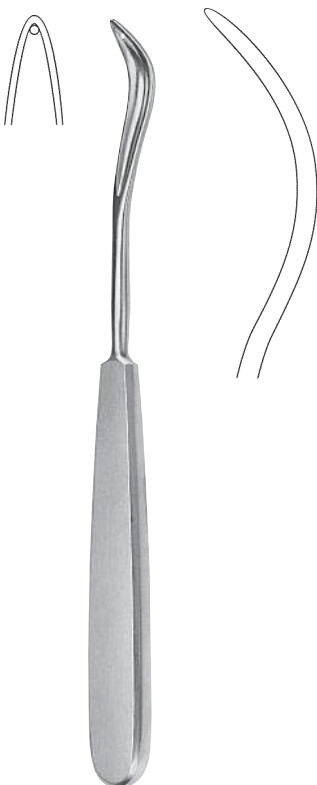
**KÖNIG**

**MS 105-1112** 19,5 cm / 7<sup>3</sup>/<sub>4</sub>"



**SCHMIEDEN**

**MS 105-1120** 19,0 cm / 7<sup>1</sup>/<sub>2</sub>"



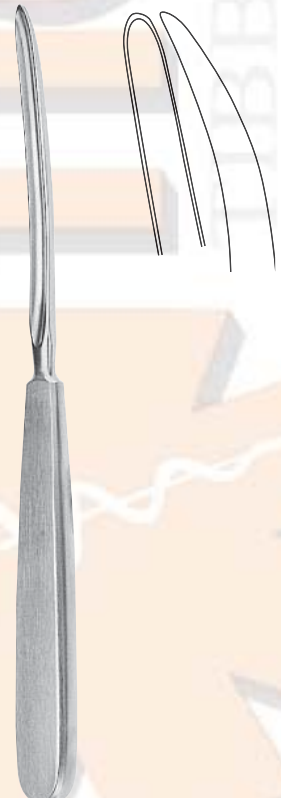
**SCHMIEDEN-PAYR**

**MS 105-1021** 19,0 cm / 7<sup>1</sup>/<sub>2</sub>"



**PAYR**

**MS 105-1030** 22,0 cm / 8<sup>5</sup>/<sub>8</sub>"



**PAYR**

**MS 105-1031** 22,0 cm / 8<sup>5</sup>/<sub>8</sub>"



**MOD. WIEN**  
**MS 105-1040** 23,5 cm / 9<sup>1</sup>/<sub>4</sub>"



**BOZEMANN**  
**MS 105-1041** 21,0 cm / 8<sup>1</sup>/<sub>4</sub>"



**FRIMED**  
**MS 105-1042** 23,0 cm / 9"



**CHILDE**  
**MS 105-1050** 18,0 cm / 7"



**MICHEL**  
**MS 105-1051** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**HEGENBARTH**

**MS 105-1052** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**WACHENFELDT**

**MS 105-1053** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**MICHEL**

**MS 105-1060** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



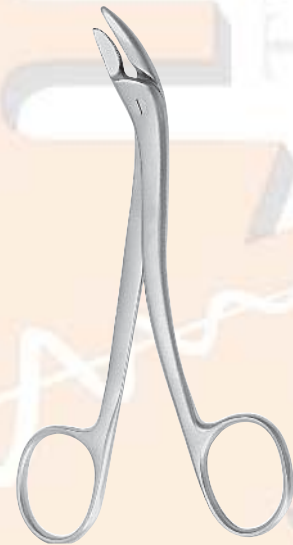
**MOD. MICHEL**

**MS 105-1061** 12,0 cm / 4<sup>3</sup>/<sub>4</sub>"



**COLLIN**

**MS 105-1062** 13,0 cm / 5"



**RICHTER-HEATH**

**MS 105-1063** 14,0 cm / 5<sup>1</sup>/<sub>2</sub>"



**MS 105-1200** 150x95x13 mm



**MS 105-1201** 150x95x13 mm



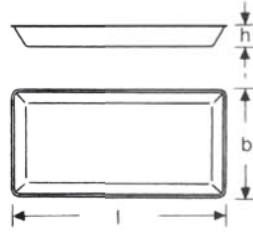
**MS 105-1202** 150x95x13 mm



MS 105-1210 150x95x13 mm



MS 105-1211 150x95x13 mm



MS 105-1220 50x25x4,5 mm  
 MS 105-1221 65x42x8,0 mm  
 MS 105-1222 75x25x4,5 mm

MS 105-1223 50x25x4,5 mm  
 MS 105-1224 65x42x8,0 mm  
 MS 105-1225 75x25x4,5 mm



MS 105-1231 Ø 62x13 mm

MS 105-1230 Ø 65x15 mm