



# Meder Distributing Inc.

Distributor of Surgical and Dental Instruments  
Springs, Screws, Carbide Tips and other repair parts

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USA



## Erich Meder

Surgical repair parts

Springs, screws, nuts and more

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Germany



Ruine Honburg, Tuttlingen

Dear Customers,

*It is a pleasure to present our 2019 catalog to you.*

*The Items from MM-01-,MM-02-,MM-04-, and most of MM-03, MM-05 and MM-06-, in this catalog are original sizes, they could vary up to +/- 5%.*

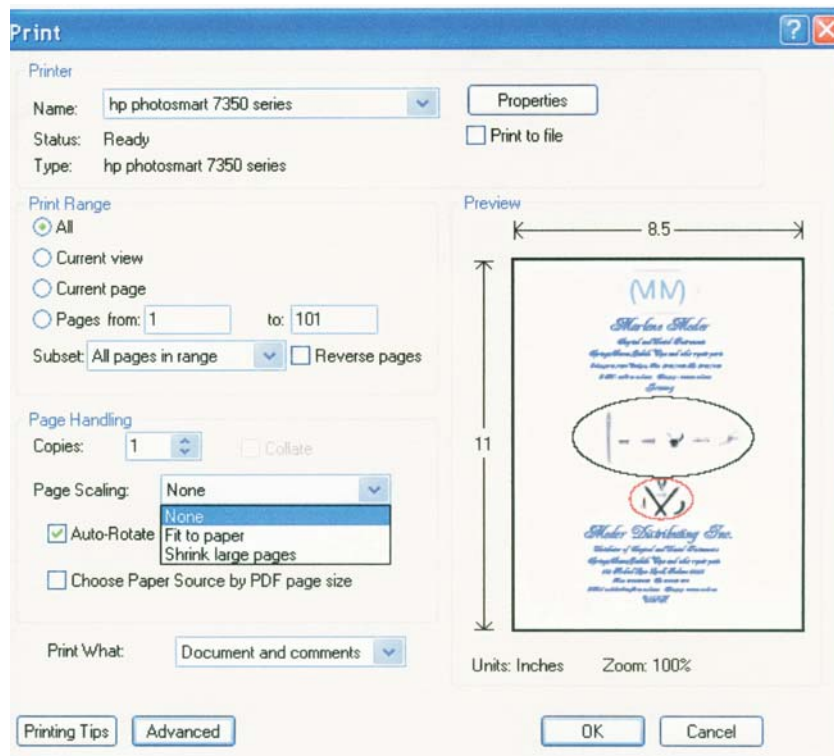
*Most Items are in stock, or can be delivered in a short period of time.*

*Should you have a need for any Items we do not have in our catalog, please contact us and we will try our best to add those for you.*

Best regards,


# Print Instructions:


In order to get the original size of the Items in groups MM-1-...to MM-5-... And MM-7-... Please be sure to set the Paper Scaling to None as shown in the picture below. If printed out at the right setting the size of the Items may vary up to +/- 5% of the actual part.





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	Example MM-01- 15 x 5 x 0.4 x 0.2 -G/P/S Length width thickness serration <small>Ground Pressed or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	0.7
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 17 x 5.5 x 0.4 x 0.2 -G/P/S Length width thickness serration <small>Ground Pressed or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	0.7
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 18.5 x 6.3 x 0.4 x 0.2 -G/P/S Length width thickness serration <small>Ground Pressed or Smooth</small>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75
	Serration							
	0.2	0.3	0.4	0.5	smooth			


	Example MM-01- 19 x 6 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground Pressed or Smooth</small>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75
	Serration							
	0.2	0.3	0.4	0.5	smooth			


	Example MM-01- 8 x 2 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 8 x 3.3 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 9 x 6 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
			0.5	0.55	0.6	0.65	0.7
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 10 x 3.3 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 10 x 4 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 12 x 2 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 12 x 3.3 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
	0.4	0.45	0.5	0.55	0.6	0.65	
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 12 x 6 x 0.4 x 0.2 -G/S Length width thickness serration <small>Ground or Smooth</small>						
	Thickness						
			0.5	0.55	0.6	0.65	0.7
	Serration						
	0.2	0.3	0.4	0.5	smooth		


	Example MM-01- 14 x 4 x 0.4 x 0.2 -G/S Length width thickness serration <i>Ground or Smooth</i>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65		
	Serration							
	0.2	0.3	0.4	0.5	smooth			


	Example MM-01- 16 x 6 x 0.4 x 0.2 -G/S Length width thickness serration <i>Ground or Smooth</i>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65		
	Serration							
	0.2	0.3	0.4	0.5	smooth			


	Example MM-01- 17 x 3.3 x 0.4 x 0.2 -G/S Length width thickness serration <i>Ground or Smooth</i>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65		
	Serration							
	0.2	0.3	0.4	0.5	smooth			


	Example MM-01- 19 x 3.3 x 0.4 x 0.2 -G/S Length width thickness serration <i>Ground or Smooth</i>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65		
	Serration							
	0.2	0.3	0.4	0.5	smooth			

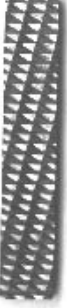
	Example MM-01- 19 x 4 x 0.4 x 0.2 -G/S Length width thickness serration <i>Ground or Smooth</i>							
	Thickness							
	0.4	0.45	0.5	0.55	0.6	0.65		
	Serration							
	0.2	0.3	0.4	0.5	smooth			












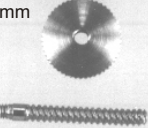





























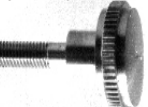
























	Example MM-01- 20 x 6 x 0.4 x 0.2 -G / P/S Length width thickness serration <i>Ground Pressed or Smooth</i>								
	Thickness								
	0.4	0.45	0.5	0.55	0.6	0.65	0.7		
	Serration								
	0.2	0.3	0.4	0.5	smooth				



















































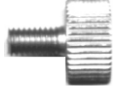

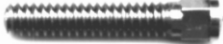












	Example MM-01- 20 x 8 x 0.4 x 0.2 -G / P/S Length width thickness serration <i>Ground Pressed or Smooth</i>							
	Thickness							
			0.5	0.55	0.6	0.65	0.7	
	Serration							
	0.2	0.3	0.4	0.5	smooth			

	R							
	L							
MM-01- 8.5 x 8 -R / L Length 1 length 2 <i>right or left</i>								
























	Example MM-01- 8.8 x 8.8 x 1.27 x 1.0 - P/S Length width thickness serration <i>Pressed or Smooth</i>							
	Thickness							
	1.27							
	Serration							
1.0								

	Example MM-01- 40.5 x 7.5 x 1.8 x 0.8 -G Length width thickness serration <i>Ground</i>									
	Thickness									
	1.8									
	Serration									
	0.8	1.1	1.3	1.6	1.8	2.0	2.4	2.6	2.8	3.0






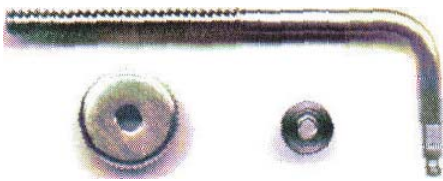











M2x2.5x6.5 mm  MM-02-0100	M2x3x8 mm  MM-02-0101	M3x17 mm Patent Pin  MM-02-0102	M3x4.5x9.7 mm  MM-02-0103	M2x7.2x10.2 mm  MM-02-0104	M2x4x7.7 mm  MM-02-0105
M2.6x5x11.3 mm  MM-02-0106	M3x5x13 mm  MM-02-0107	M2.5x10x15 mm  MM-02-0108	M2.6x9x15 mm  MM-02-0109	5-40"x7.1x26 mm  MM-02-0110	M2x19mm  MM-02-0111
M2.6x4.5x7 mm  MM-02-0112	M3x4.5x10.3mm  MM-02-0113	M3x4.5x9.8 mm  MM-02-0114	M1.7x2.5x5.7 mm  MM-02-0115	M1.7x2.5x6.2 mm  MM-02-0116	M3x5x10.6 mm  MM-02-0117
M3x4.5x10 mm  MM-02-0118	M2.3x3.5x7.5 mm  MM-02-0119	M2.6x4x9.1 mm  MM-02-0120	M5x8x17.3 mm  MM-02-0121	M4.5x7x13.5 mm  MM-02-0122	M3.5x5.5x9.5 mm  MM-02-0123
M4.5x7x15.6 mm  MM-02-0124	M5.5x9x18 mm  MM-02-0125	M6x10x20.5 mm  MM-02-0126	M1.4x2x5.4 mm  MM-02-0127	2.6x3.7x6.5 mm Rivet  MM-02-0128	1.5x4x1.5 flat 6 mm long Guide pin  MM-02-0129
1.2x1.5x3x10 mm Guide pin  MM-02-0130	M1.4x2x4.2 mm  MM-02-0131	1.5x8 mm Guide Pin  MM-02-0132 A	1.7x12 mm Guide Pin  MM-02-0132 B	1.8x12 mm Guide Pin  MM-02-0132 C	M1.4x3.6x11 mm  MM-02-0133
M2x8x10.5 mm  MM-02-0134	M2x7.2x10 mm  MM-02-0135	M2x8x16 mm  MM-02-0136	M2x10x12 mm  MM-02-0137	M2.6x10x23 mm  MM-02-0138	M2.6x11x19 mm  MM-02-0139
M2x3x6.1 mm  MM-02-0140	M3x4.5x7.9 mm  MM-02-0141	M3x4.5x9.7 mm  MM-02-0142	M2.3x3.5x7.8 mm  MM-02-0143	M3x5x7 mm  MM-02-0144	M2x2.5x6.6 mm  MM-02-0145
M5x8x10.5 mm  MM-02-0146	M3.5x5x8.2 mm  MM-02-0147	M2.3x3.5x5 mm  MM-02-0148	M2.6x4x7.3 mm  MM-02-0149	M2.6x4x6.5 mm  MM-02-0150	M5x8x13 mm  MM-02-0151
M4x6x10 mm  MM-02-0152	M5x22 mm Patent Pin  MM-02-0153	M3x11x19.6 mm  MM-02-0154	M2.6x4.5x7.5 mm  MM-02-0155	M3x4.5x9.7 mm  MM-02-0156	M4x6x8 mm  MM-02-0157
M4x6x12 mm  MM-02-0158	M4x6x10 mm  MM-02-0159	M3x5x10 mm  MM-02-0160	M1.7x8x11 mm  MM-02-0161	M2.3x8x12 mm  MM-02-0162	M3.2x5.8.2 mm  MM-02-0163

5/16"x11x15 mm  MM-02-0164	M3.5x5.5x9.5 mm  MM-02-0165	M5x11x18.5 mm  MM-02-0166	M2.3x4.5x10 mm  MM-02-0167	M2.3x3x7.5 mm  MM-02-0168	M1.7x3x8.4 mm  MM-02-0169
M3.5x9x10.5 mm  MM-02-0170	M2.6x4.5x7.4 mm  MM-02-0171	M5x16.3x18.6 mm M5x7x7mm  MM-02-0172	M4x14x45 mm  MM-02-0173		M2.6x4x7.3 mm  MM-02-0174
M2.3x3x6.4 mm  MM-02-0175	M3.5x8x10.6 mm  MM-02-0176	M4x6x9.2 mm  MM-02-0177	M4x6x8.5 mm  MM-02-0178	M5.5x9x10 mm  MM-02-0179	M3.5x5.5x8 mm  MM-02-0180
M5x8x10 mm  MM-02-0181	M5x8x10 mm  MM-02-0182	M4x6x9.5 mm  MM-02-0183	M4x6x9.5 mm  MM-02-0184	M3x10x12.5 mm  MM-02-0185	M2.5x3x5.4 mm  MM-02-0186
M3.5x5.5x8.8 mm  MM-02-0187	M5.5x8x9.2 mm  MM-02-0188	M4x6x12 mm  MM-02-0189	M5.5x9.5x15 mm  MM-02-0190	M3.5x5x7 mm  MM-02-0191	M4x6x12 mm  MM-02-0192
M2.6x7x15 mm  MM-02-0193	M2.6x6x10 mm  MM-02-0194	M5x8x10.5 mm  MM-02-0195	M2.6x3.5x7.5 mm  MM-02-0196	M2x3x6.1 mm  MM-02-0197	φ 2x12 mm  MM-02-0198
φ 2.5x12 mm  MM-02-0199	φ 3x12 mm  MM-02-0200	φ 4x13 mm  MM-02-0201	φ 6x13 mm  MM-02-0202	M4x11x30 mm  MM-02-0203	M3x5.5x12 mm  MM-02-0204
M3.5x11x15 mm  MM-02-0205	1.7x10 mm  MM-02-0206	2x10 mm  MM-02-0207	2.2x10 mm  MM-02-0208	2.5x10 mm  MM-02-0209	3x10 mm  MM-02-0210
M3.5x5.5x12 mm  MM-02-0211	M3x5x9 mm  MM-02-0212	M2x4x13.5 mm  MM-02-0213	M4x11.3x13.6 mm  MM-02-0214	M3x9x7.2 mm  MM-02-0215	10-24" x 29.3 mm  MM-02-0216
M5x29.3 mm  MM-02-0217	M4x21.5 mm  MM-02-0218	M2x4x5.2 mm  MM-02-0219	M2x4x6.2 mm  MM-02-0220	M2x4x7.2 mm  MM-02-0221	M2x4x9.2 mm  MM-02-0222
M2.5x5x6.5 mm  MM-02-0223	M2.5x5x7.5 mm  MM-02-0224	M2.5x5x9.5 mm  MM-02-0225	M3x6x7.8 mm  MM-02-0226	M3x6x9.8 mm  MM-02-0227	M3x6x11.8 mm  MM-02-0228



M2.6x4.5x16.4mm Patent pin  MM-02-0229	M4x7x19.4mm Patent pin  MM-02-0230	M2.3x9x17mm  MM-02-0231	M2.6x5x5mm  MM-02-0232	M2.3x9x7.6mm  MM-02-0233	M2.6x10x23mm  MM-02-0234
M3x11x23mm  MM-02-0235	M2.6x10x23mm  MM-02-0236	M1.0x1.5x4.5mm MM-02-0237 M1.2x1.8x6.1mm MM-02-0238	M4x7x19.4mm Patent pin  MM-02-0239	M4x7x19.4mm Patent pin  MM-02-0240	M6x Ø 8.0x11mm  MM-02-0241
M1.7x2.2x6.5mm  MM-02-0242 Screw	M4/35x5x8.55mm  MM-02-0242-1-TE Bushing	M4/35x5x8.85mm  MM-02-0242-2-TB Bushing	M3x5.5x30mm Hexagon  MM-02-0243	M4x6.8x10mm Hexagon  MM-02-0244	M5x8.3x10mm Hexagon  MM-02-0245
M4x9x22mm  MM-02-0246	Screw for Retaining Retractor M3 x 3.8 x 4 mm  MM-02-0247	Aluminum Rvet Ø 2 x 3 x 6.3 mm  MM-02-0248	Screw M3 x 3.8 x 4 mm  MM-02-0249	M3.5x12x22mm  MM-02-0250	M4x12x22mm  MM-02-0251

<p>Wing nut M5 mm</p>  <p>MM-03-0100</p>	<p>Wing nut 8/32"</p>  <p>MM-03-0100A</p>	<p>Wing nut M4 mm</p>  <p>MM-03-0101</p>	<p>Knurled nut M4.5 mm</p>  <p>MM-03-0102</p>	
<p>Knurled nut M4 mm</p>  <p>MM-03-0103</p>	<p>Grave specula middle rod M4X20mm</p>  <p>MM-03-0104</p>	<p>Bulldog clamp nut M3 mm</p>  <p>MM-03-0105</p>	<p>Knurled nut 8/32"</p>  <p>MM-03-0106</p>	
<p>Wing nut M6 mm</p>  <p>MM-03-0107</p>	<p>Knurled nut 5-40"</p>  <p>MM-03-0108</p>	<p>Round plate hole 5mm Ø20</p>  <p>MM-03-0109</p>	<p>Wing nut M3.5 mm</p>  <p>MM-03-0110</p>	
<p>Fingerring cutter 20mm without bushing</p>  <p>MM-03-0111</p>	<p>Fingerring cutter 20mm with bushing</p>  <p>MM-03-0111A</p>	<p>Fingerring cutter 30mm without bushing</p>  <p>MM-03-0111B</p>	<p>Fingerring cutter 30mm with bushing</p>  <p>MM-03-0111C</p>	
<p>Grave Specula side rod M4 mm</p>  <p>MM-03-0112</p>	<p>Grave Specula cap M4 mm</p>  <p>MM-03-0113</p>	<p>Knurled nut 10/32"</p>  <p>MM-03-0114</p>	<p>Grave specula knurled nut M4 mm</p>  <p>MM-03-0115</p>	
<p>Grave specula side nut M4</p>  <p>MM-03-0116</p>	<p>Bailey ratchet 7 gear</p>  <p>MM-03-0117B</p>	<p>Bailey ratchet 8 gear</p>  <p>MM-03-0117C</p>	<p>Cross Knurled nut M4</p>  <p>MM-03-0118</p>	<p>Knurled nut for Goodell M6 double thread</p>  <p>MM-03-0119</p>
<p>T handle thread 3/16"</p>  <p>MM-03-0120</p>	<p>Grave Specula side rod M4x1/11-2GG double thread</p>  <p>MM-03-0121</p>	<p>Grave Specula side rod M4x1/11-2GG double thread</p>  <p>MM-03-0121-A</p>	<p>Grave Specula side nut M4x1/11-2GG double thread</p>  <p>MM-03-0122</p>	

<p>Wing nut 1/4 /20"</p>  <p>1:1</p> <p>MM-03-0123</p>	<p>Bushing Ø 9.5x4mm with Screw M 3</p>  <p>MM-03-0124</p>	<p>Wing nut 10 /24"</p>  <p>1:1</p> <p>MM-03-0125</p>	<p>Seyffert Specula Gear Bar</p>  <p>1:2</p> <p>MM-03-0126</p>			
<p>Grave Specula cap, press fit</p>  <p>MM-03-0127</p>	<p>Cusco Specula angle complete</p>  <p>MM-03-0128</p>		<p>Cusco Specula angle</p>  <p>MM-03-0128-A</p>	<p>Cusco Specula big Nut</p>  <p>MM-03-0128-B</p>		
<p>Cusco Specula small Nut</p>  <p>MM-03-0128-C</p>	<p>Button for Spiral Spring</p>  <p>MM-03-0129</p>	<p>White Teflon washers for Dental forceps 10x4.2x2.5mm</p> <p>MM-03-0130</p>	<p>White Teflon washers for Dental forceps 12x8.5x2.5mm</p> <p>MM-03-0131</p>	<p>Knurled nut M2x Ø 4x2.1mm</p>  <p>MM-03-0132</p>	<p>Knurled nut M3x Ø 13x2.1mm</p>  <p>MM-03-0133</p>	<p>Thumb screw for Heister M6x25mm</p>  <p>1:2</p> <p>MM-03-0134</p>
<p>Rod fast thread 4x1/11-2GG</p>  <p>18cm long</p> <p>MM-03-0135</p>	<p>Screws M3 and Bushing for Seyffert Specula</p>  <p>MM-03-0136</p>	<p>Screws M3 and Bushing for Seyffert Specula</p>  <p>MM-03-0137</p>	<p>Knurled nut M4x Ø 12x6mm</p>  <p>MM-03-0138</p>			

Ø 2.7 mm, L = 78 mm  
Mat. 1.2 mm



MM-04-0100

Ø 2.7 mm, L = 84 mm  
Mat. 1.2 mm



MM-04-0101

Ø 2.7 mm, L = 96 mm  
Mat. 1.2 mm



MM-04-0102

Ø 3.1 mm, L = 108 mm  
Mat. 1.8 mm



MM-04-0103

Ø 3.1 mm, L = 116 mm  
Mat. 1.8 mm



MM-04-0104

Ø 3.1 mm, L = 124 mm  
Mat. 1.8 mm



MM-04-0105

Ø 2.2 mm  
L = 37.8 mm  
Mat. 0.8 mm



MM-04-0106

Ø 2.2 mm  
L = 50 mm  
Mat. 0.8 mm



MM-04-0107

Ø 2.2 mm, L = 68 mm  
Mat. 1.0 mm

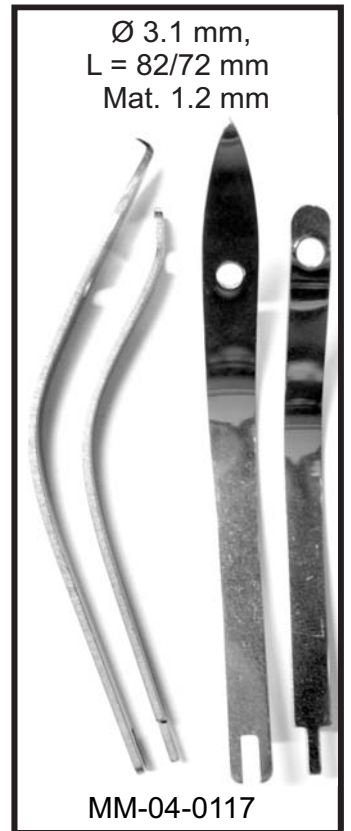


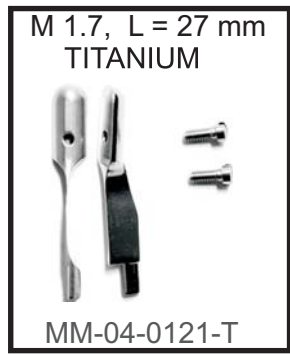
MM-04-0108

Ø 2.2 mm, L = 67 mm  
Deep Bend Mat. 1.0 mm



MM-04-0108A





Ø 3.2 mm L = 95 mm  
Mat. 1.8 mm



MM-04-0126

Ø 2.8 mm  
L = 95 mm  
Mat. 1.2 mm



MM-04-0127

Ø 2.8 mm  
L = 83 mm  
Mat. 1.0 mm



MM-04-0128

Ø 2.8 mm L = 99/89 mm  
Mat. 1.2 mm



MM-04-0129

Ø Oval 3.2 x 4.4 mm  
L = 87/66 mm  
Mat. 1.0 mm



MM-04-0130

Ø 2.1 mm  
L = 27 mm



MM-04-0133

Ø 3.1 mm L = 45 mm  
Mat. 1.8 mm



MM-04-0134

Ø 2.8 mm L = 77 mm  
Mat. 1.0 mm



MM-04-0135

Ø 2.8 mm L = 86 mm  
Mat. 1.0 mm



MM-04-0136

Ø 2.8 mm L = 95 mm  
Mat. 1.0 mm



MM-04-0137

Mat. 0.7 mm  
L = 23 mm

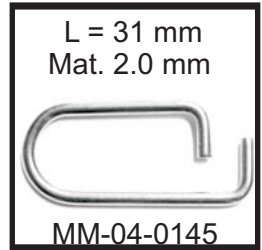


MM-04-0131

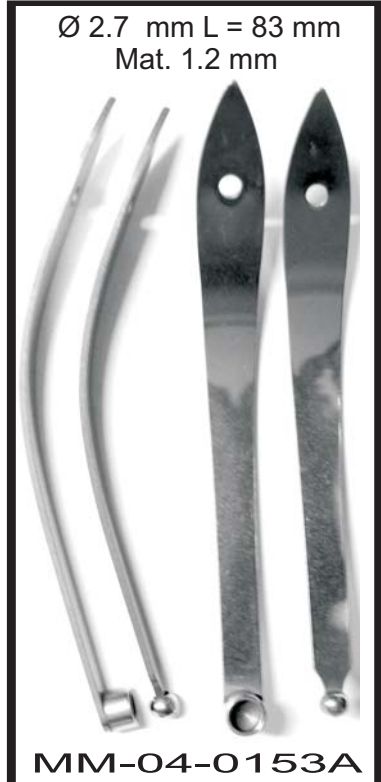
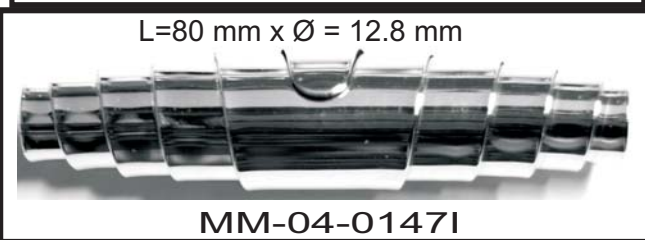
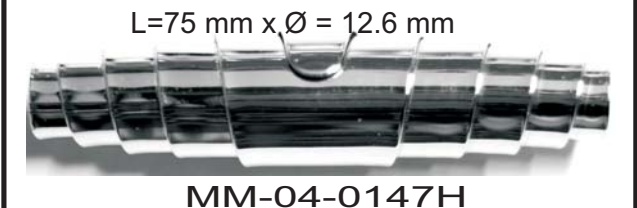
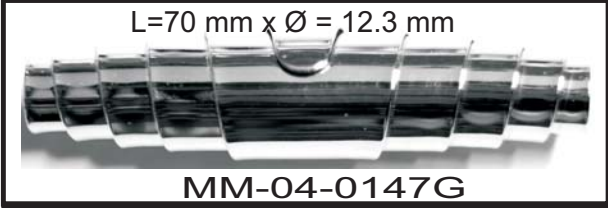
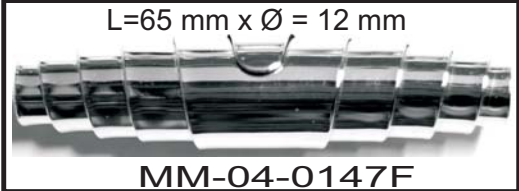
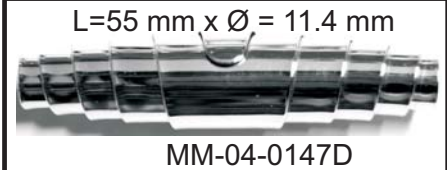
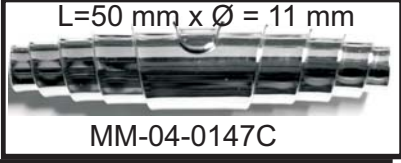
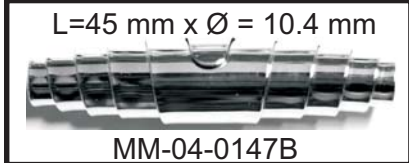
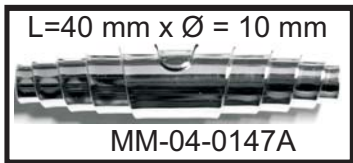
Mat. 0.8 mm  
L = 24 mm



MM-04-0132







Ø 2.3 mm L = 31mm  
Mat. 0.8 mm



MM-04-0154

Ø 2.3 mm L = 44mm  
Mat. 0.8 mm

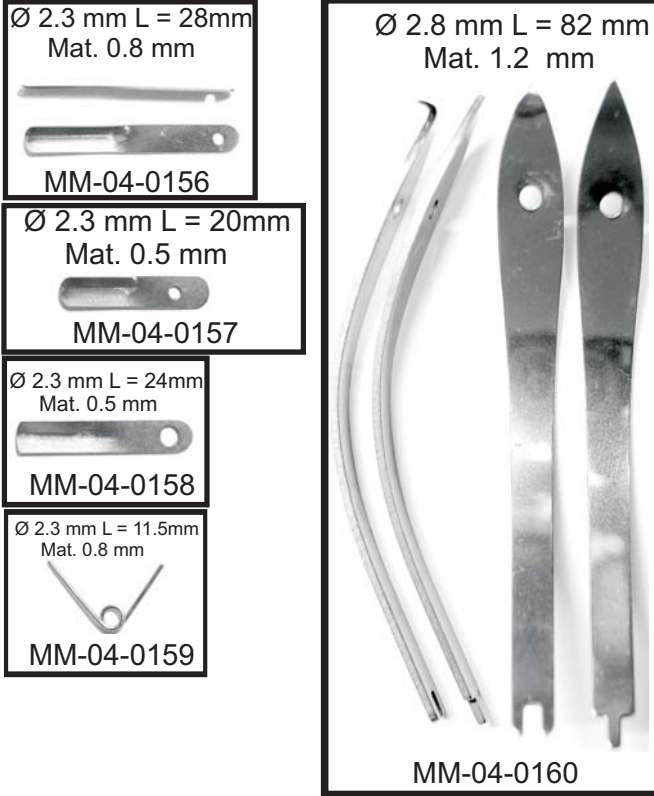


MM-04-0155

Ø 2.3 mm L = 28mm  
Mat. 0.8 mm



MM-04-0156



Ø 2.8 mm L = 82 mm  
Mat. 1.2 mm

MM-04-0160

Ø 2.3 mm L = 20mm  
Mat. 0.5 mm



MM-04-0157

Ø 2.3 mm L = 24mm  
Mat. 0.5 mm



MM-04-0158

Ø 2.3 mm L = 11.5mm  
Mat. 0.8 mm



MM-04-0159

Ø 3.1 mm L = 103 mm  
Mat. 1.2 mm



MM-04-0161

Ø 3.1 mm L = 101 mm  
Mat. 1.2 mm



MM-04-0162

Ø 3.1 mm L = 98 mm  
Mat. 1.5 mm



MM-04-0163

Ø 3.1 mm L = 98 mm  
Mat. 1.2 mm

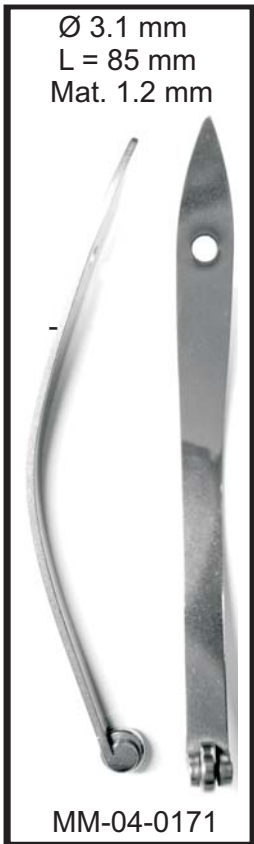
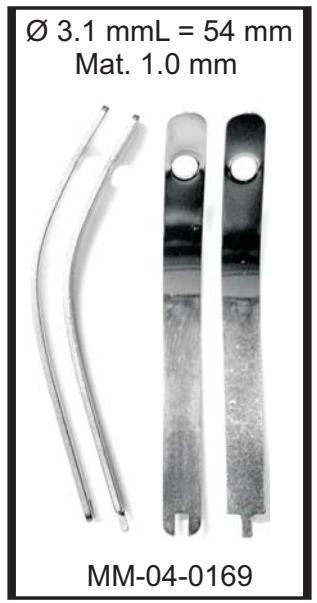


MM-04-0163-A

Ø 3.1 mm L = 98 mm  
Mat. 1.5 mm



MM-04-0163-B



Ø 3.1 mm, L = 111 mm  
Mat. 1.8 mm



MM-04-0175

Ø 3.1 mm, L = 117 mm  
Mat. 1.8 mm



MM-04-0176

Ø 3.1 mm, L = 124 mm  
Mat. 1.8 mm



MM-04-0177

Ø 3.1 mm, L = 129 mm  
Mat. 1.8 mm



MM-04-0178

Ø 3.1 mm, L = 127 mm, Mat. 1.8 mm

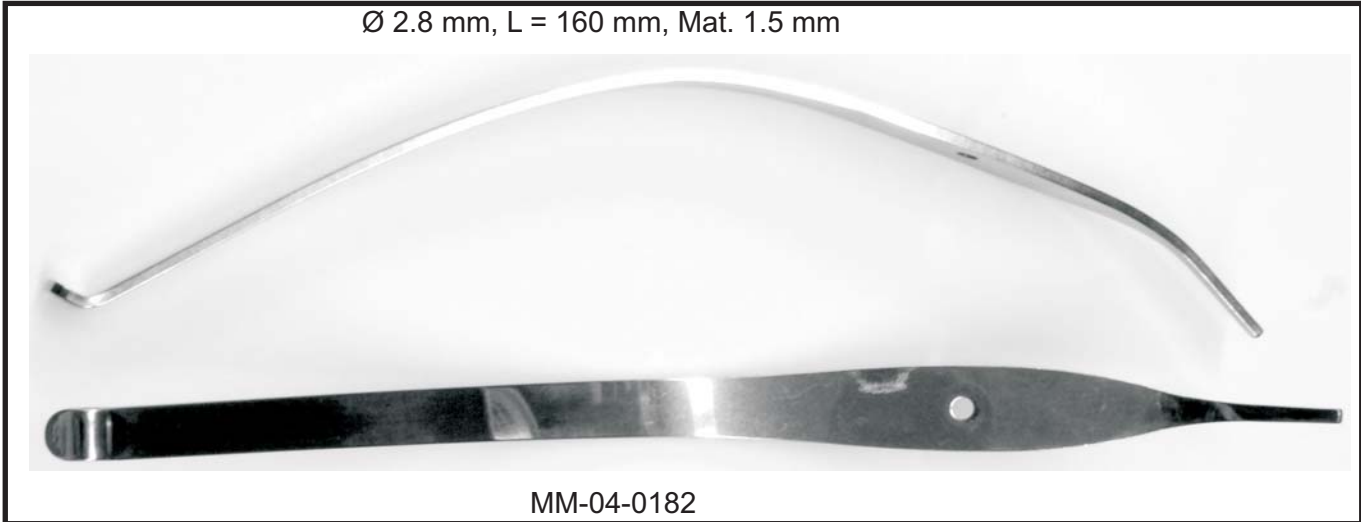
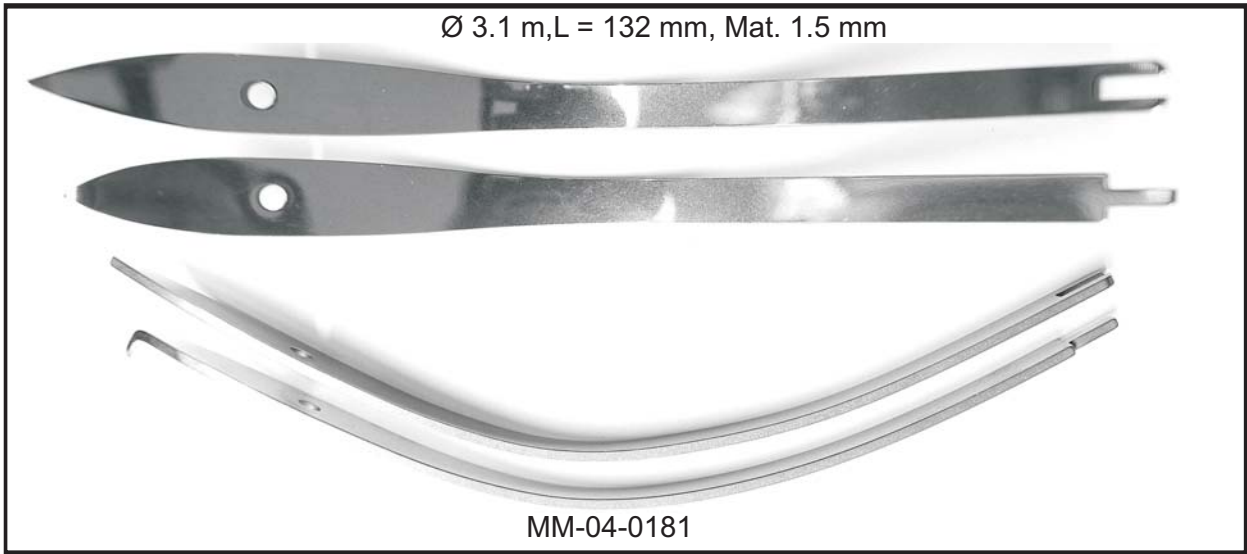


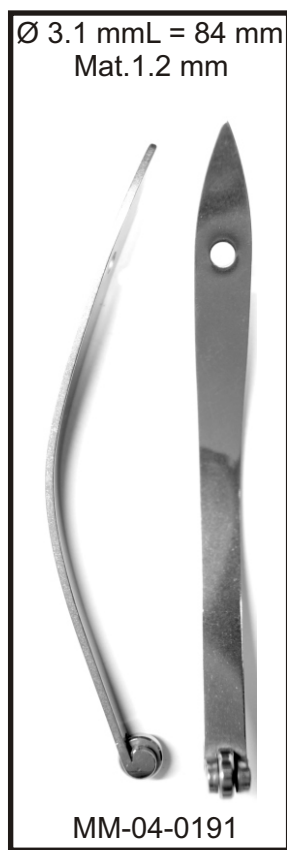
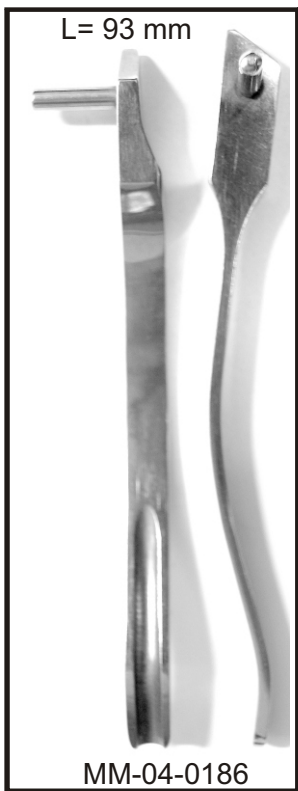
MM-04-0179

Ø 3.1 mm, L = 119 mm, Mat. 1.8 mm

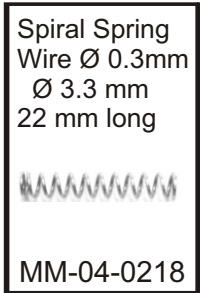
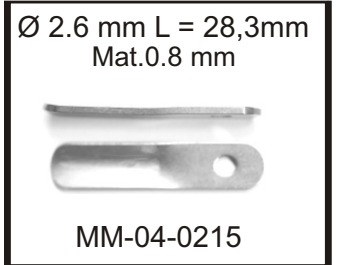
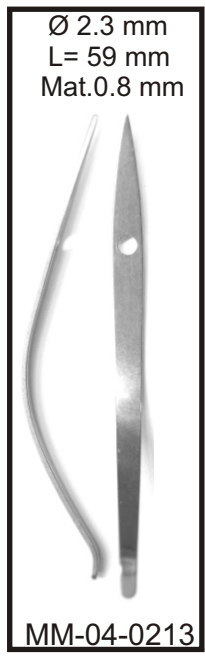
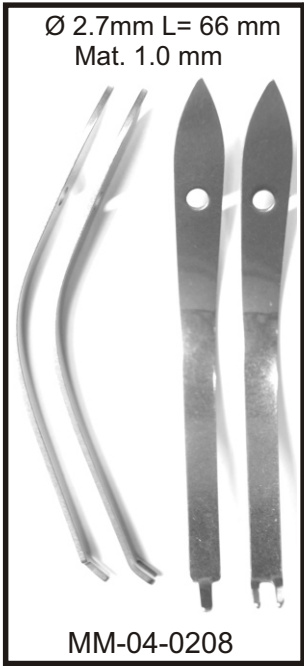
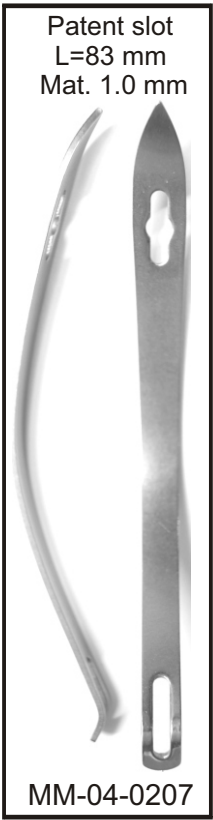


MM-04-0180

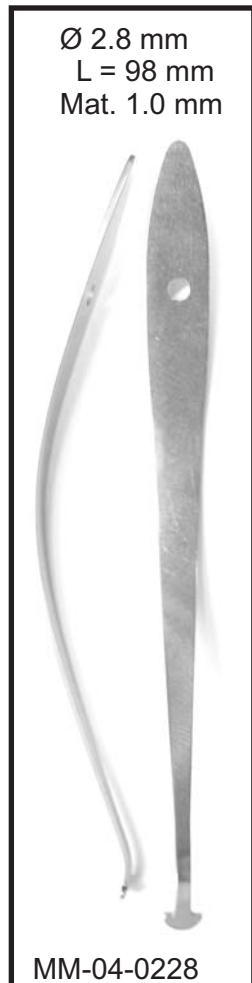
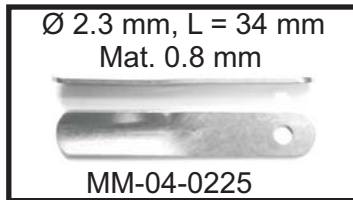
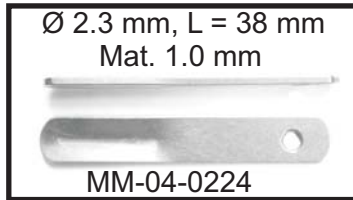
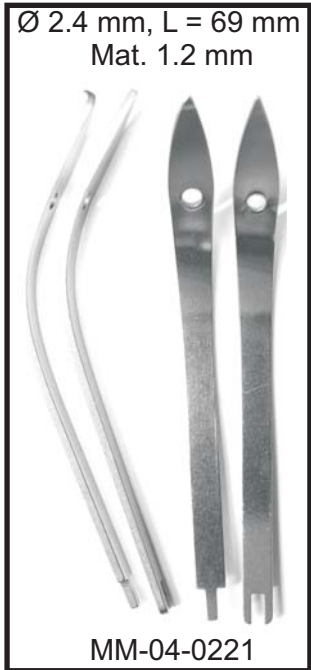












Oval Hole, L= 68/32 mm  
Mat. 0.8 mm

MM-04-0231

Ø 2.7mm,  
L= 88 mm  
Mat. 1.0 mm

MM-04-0232

Ø 2.8 mm  
L= 38 mm  
Mat. 0.5 mm

MM-04-0233

Ø 2.4 mm  
L= 17 mm  
Mat. 0.8 mm

MM-04-0234

Ø 4,1 mm  
L= 6 mm  
Mat. 0.45 mm

MM-04-0235

Ø 4.2 mm  
L= 13 mm  
Mat.0.6 mm

MM-04-0236

Ø 2 mm  
L= 9.4 mm  
Mat.0.3 mm

MM-04-0237

Ø 3.1 mm, L = 99 mm  
Mat. 1.2 mm

MM-04-0238

square hole 3.1x4.4mm  
L =100/79mm  
Mat. 1.0 mm

MM-4-0241

Oval hole  
L = 94 mm  
Mat. 1.5 mm

MM-04-0242

Oval Hole  
L = 88 mm  
Mat. 0.8 mm

MM-04-0244

Ø 3.1 mm L = 65 mm  
Mat. 1.0 mm

MM-04-0239

Ø 2.4 mm  
L = 59 mm  
Mat. 1.0 mm

MM-4-0240

Ø 2.3 mm  
L = 19 mm  
Mat. 0.8 mm

MM-04-0243

Ø 2.5 mm  
 L = 88 mm  
 Mat. 0.8 mm  
 MM-04-0245



Ø 3.2 mm, L = 90/80 mm  
 Mat. 1.2 mm  
 MM-04-0246




Ø 3.2 mm, L = 90/80 mm,  
 Deep Bend, Mat. 1.2 mm  
 MM-04-0247



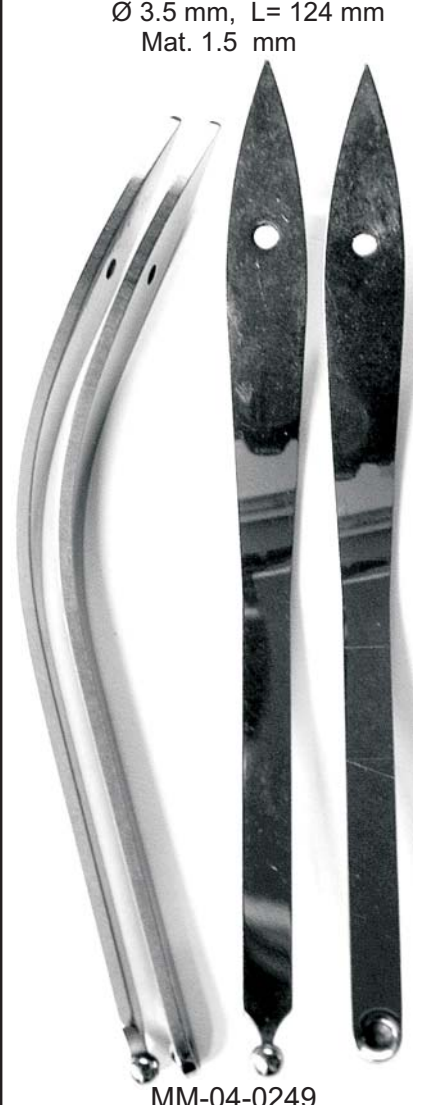
Ø 3.5 mm, L = 92 mm,  
 Mat. 1.2 mm  
 MM-04-0248



Ø 3.5 mm, L = 86 mm,  
 Mat. 1.2 mm  
 MM-04-0248-A



Ø 3.5 mm, L = 124 mm  
 Mat. 1.5 mm  
 MM-04-0249



Oval Hole,  
 L = 74/27 mm  
 Mat. 1.0 mm  
 MM-04-0250



Ø 3.5 mm,  
 L = 79/38 mm  
 Mat. 1.2 mm  
 MM-04-0251



Ø 2.9 mm  
L= 90 mm  
Mat. 1.5 mm



MM-4-0252

Ø 2.6 mm  
L= 85 mm  
Mat. 1.0 mm



MM-4-0254

Ø 2.6 mm, L= 86/37 mm  
Mat. 1.5 mm



MM-4-0255

Ø 2.8 mm, L= 81 mm  
Mat. 1.2 mm



MM-4-0256

Ø 2.6 mm, L= 76 mm  
Mat. 1.2 mm

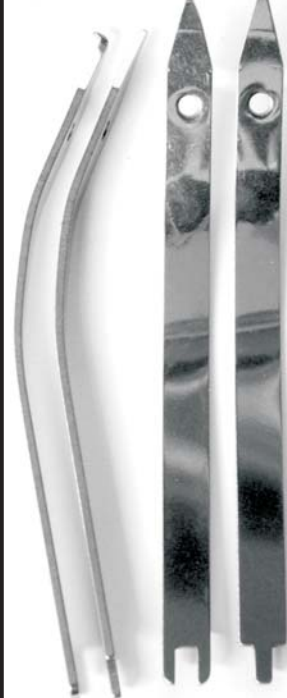


MM-4-0257

Spiral spring  
L=10.3 mm  
Ø 4.8x3.6 mm

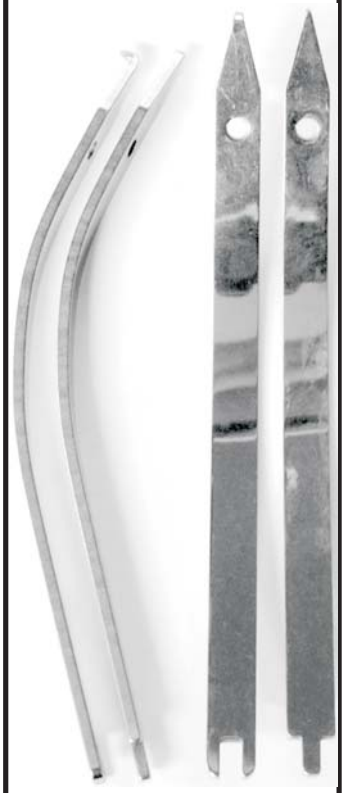
MM-4-0253

Ø 2.6 mm, L= 87 mm  
Mat. 1.2 mm



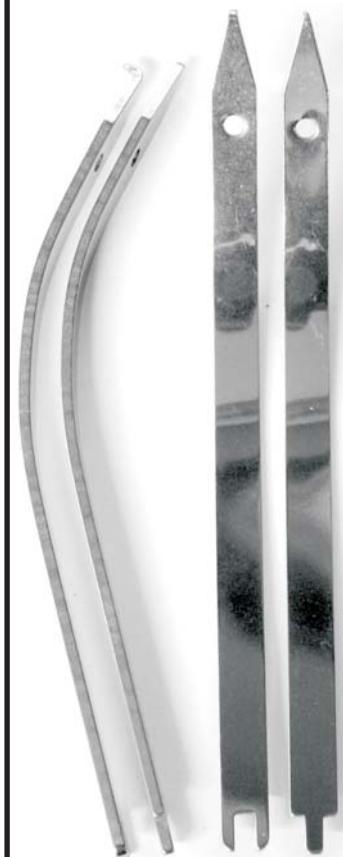
MM-4-0258

Ø 2.6 mm L = 96 mm  
Mat. 1.5 mm



MM-4-0259

Ø 2.6 mm L = 105 mm  
Mat. 1.5 mm

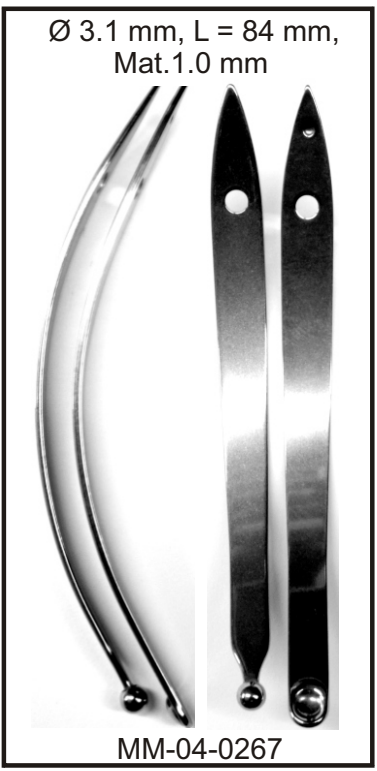
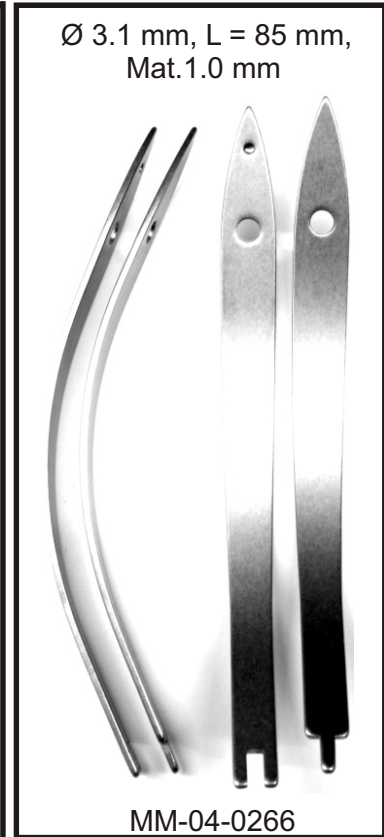
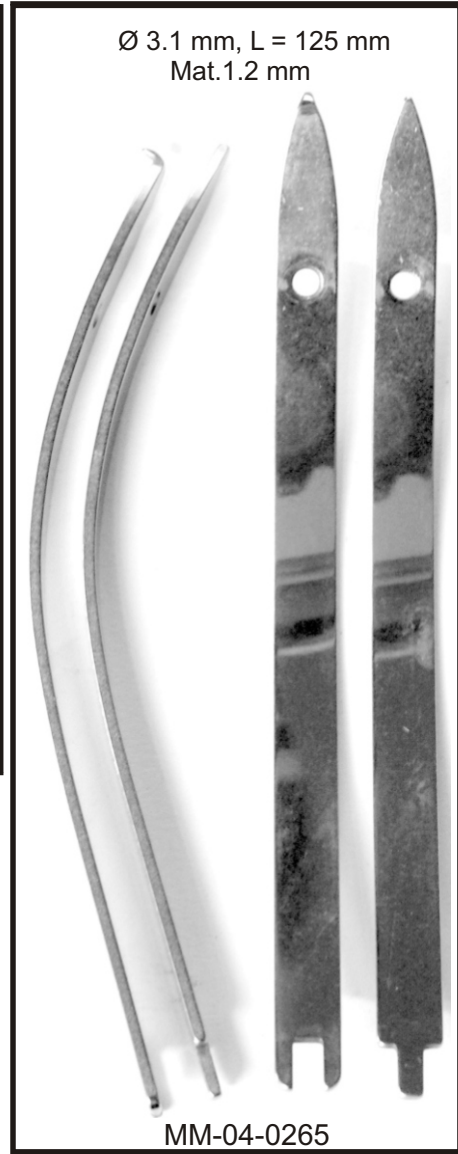



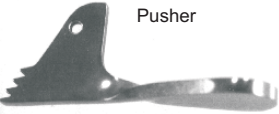




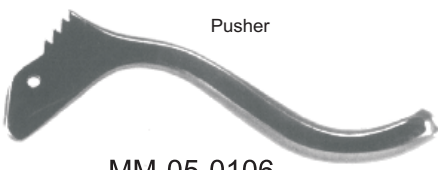





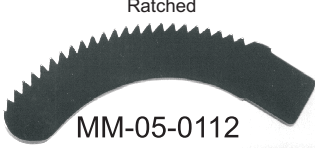











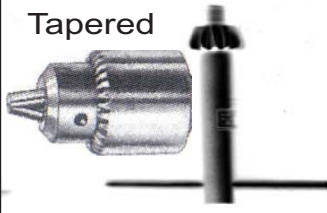
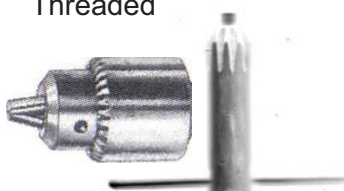
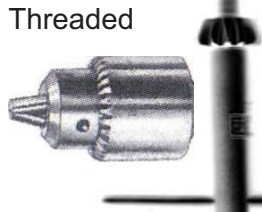


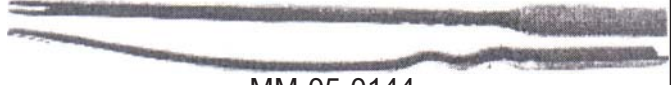
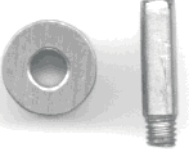


MM-4-0260


















Ø 2.6 mm L = 117 mm  
Mat. 2.0 mm



MM-4-0261





















<p>Pusher</p>  <p>MM-05-0100</p>	<p>Pusher</p>  <p>MM-05-0101</p>	<p>Pusher</p>  <p>MM-05-0102</p>	<p>Pusher</p>  <p>MM-05-0103</p>	<p>Pusher</p>  <p>MM-05-0104</p>
<p>Pusher</p>  <p>MM-05-0105</p>	<p>Pusher</p>  <p>MM-05-0106</p>	<p>Pusher</p>  <p>MM-05-0107</p>		
<p>Pusher</p>  <p>MM-05-0108</p>		<p>Spencer Pusher</p>  <p>MM-05-0109</p>	<p>Ratched</p>  <p>MM-05-0110</p>	
<p>Ratched</p>  <p>MM-05-0111</p>	<p>Ratched</p>  <p>MM-05-0112</p>	<p>Ratched</p>  <p>MM-05-0113</p>	<p>Suction Tube cap</p>  <p>MM-05-0130</p>	
<p>Suction Tube cap thread 1/4-40" with step</p>  <p>MM-05-0131</p>	<p>Suction Tube cap thread 1/4-40"</p>  <p>MM-05-0132</p>	<p>Suction Tube cap thread M 5</p>  <p>MM-05-0133</p>	<p>Suction Tube cap</p>  <p>MM-05-0134</p>	
<p>Suction Tube cap Thread 1/4-32"</p>  <p>MM-05-0135</p>	<p>Turrell Barrel Assembly</p>  <p>MM-05-0140</p>	<p>Scale for Goodell</p>  <p>MM-05-0141</p>		
<p>Scale for Goodell Compl.</p>  <p>MM-05-0142</p>		<p>Jacobs chuck with Key Tapered</p>  <p>MM-05-0143-C-tap-0BM</p>	<p>Jacobs chuck with Key Tapered</p>  <p>MM-05-0143-C-tap1BM</p>	
<p>Jacobs chuck with Key Threaded</p>  <p>MM-05-0143-C-thr-0BM</p>	<p>Jacobs chuck with Key Threaded</p>  <p>MM-05-0143-C-thr-1BM</p>	<p>Jacobs Key Pilotpin <math>\phi 4</math> mm ( 0,155"</p>  <p>MM-05-0143-K-0BM</p>	<p>Jacobs Key Pilotpin <math>\phi 4</math> mm ( 0,155"</p>  <p>MM-05-0143-K-1BM</p>	
<p>Kleppinger</p>  <p>MM-05-0144</p>		<p>Zachery, Roller and Screw</p>  <p>MM-05-0145</p>	<p>Cusco small Pusher</p>  <p>MM-05-0147</p>	
<p>Cusco largel Pusher</p>  <p>MM-05-0148</p>				



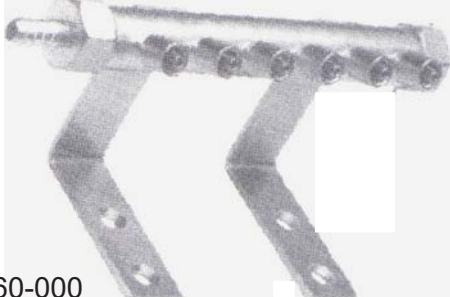
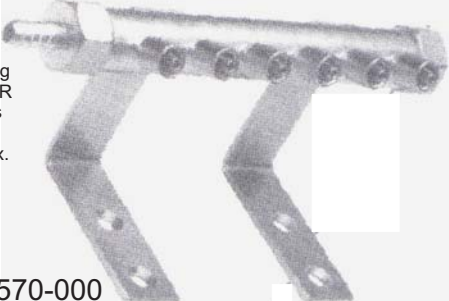














<p>Adapter LUER LOCK female-RECORD male</p>  <p>MM-06-1010-000</p>	<p>Adapter LUER male-RECORD female</p>  <p>MM-06-1015-000</p>	<p>Adapter LUER LOCK female-LUER male</p>  <p>MM-06-1020-000</p>
<p>Adapter 2x LUER LOCK female</p>  <p>MM-6-1050-050</p>	<p>Adapter 2x LUER LOCK female with tread</p>  <p>MM-06-1050-100</p>	<p>Adapter 2x LUER LOCK male</p>  <p>MM-06-1070-000</p>
<p>Adapter 2x LUER male</p>  <p>MM-06-1080-000</p>	<p>Adapter LUER LOCK male.-LUER LOCK female</p>  <p>MM-06-1085-000</p>	<p>Adapter LUER LOCK male-large, LUER LOCK female</p>  <p>MM-06-1085-001</p>
<p>Adapter LUER LOCK male -LUER LOCK female,large</p>  <p>MM-06-1085-002</p>	<p>Adapter LUER LOCK male large,LUER LOCK female-large</p>  <p>MM-06-1085-003</p>	<p>Adapter LUER LOCK male large,LUER LOCK female-large with tread</p>  <p>MM-06-1085-100</p>
<p>Adapter LUER LOCK male-thread M5x6mm long</p>  <p>MM-06-1150-050</p>	<p>Adapter LUER LOCK male -hread M6x10mm long</p>  <p>MM-06-1150-060</p>	<p>Adapter LUER LOCK male -large-thread M6x10mm long</p>  <p>MM-06-1150-061</p>
<p>Adapter LUER LOCK male-thread M8x10mm long</p>  <p>MM-06-1150-080</p>	<p>Adapter LUER LOCK male-large--thread M8x10mm long</p>  <p>MM-06-1150-081</p>	<p>Adapter LUER LOCK female-large-thread M6x10mm long</p>  <p>MM-06-1155-050</p>



















<p>Adapte LARGE female LUER LOCK-thread M 6 x 10 mm long</p>  <p>MM-06-1155-060</p>	<p>Adapter LARGE female LUER LOCK-thread M 6 x 10 mmlong</p>  <p>MM-06-1155-061</p>	<p>Adapter female LUER LOCK-thread M 8 x 10 mmlong</p>  <p>MM-06-1155-080</p>
<p>Adapte LARGE female LUER LOCK-thread M 8 x 10 mm long</p>  <p>MM-06-1155-081</p>	<p>Adapte female LUER LOCK-with thread M 5 x 6 mm long</p>  <p>MM-06-1155-150</p>	<p>Adapte female LUER LOCK-thread M 4 x 0.5 x 2 mm long</p>  <p>MM-06-1165-045</p>
<p>Adapte STAINLESS STEEL female LUER LOCK-thread M 4 x 0.5 x 2 mm long</p>  <p>MM-06-1165-045</p>	<p>Adapte female LUER LOCK-thread M 5 x 0.5 x 2 mm long</p>  <p>MM-06-1165-055</p>	<p>Adapte STAINLESS STEEL female LUER LOCK-thread M 5 x 0.5 x 2 mm long</p>  <p>MM-06-1166-055</p>
<p>Adapte FLUTED male LUER LOCK-hose end Ø 6 mm</p>  <p>MM-06-1248-000</p>	<p>Adapte FLUTED male LUER LOCK-hose end Ø 6 mm LUER LOCK rotating</p>  <p>MM-06-1248-500</p>	<p>Adapte male LUER LOCK-hose end Ø 4 mm</p>  <p>MM-06-1250-040</p>
<p>Adapter male LUER LOCK -hose end Ø 5 mm</p>  <p>MM-06-1250-050</p>	<p>Adapter male LUER LOCK -hose end Ø 6 mm</p>  <p>MM-06-1250-060</p>	<p>Adapter FLUTED male LUER LOCK LARGE-hose end Ø 6.5 mm</p>  <p>MM-06-1250-061</p>
<p>Adapter male LUER LOCK -hose end Ø 7 mm</p>  <p>MM-06-1250-070</p>	<p>Adapter male LUER LOCK -hose end Ø 8 mm</p>  <p>MM-06-1250-080</p>	<p>Adapter LARGE male LUER LOCK -hose end Ø 8 mm</p>  <p>MM-06-1250-081</p>

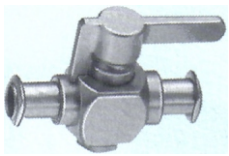






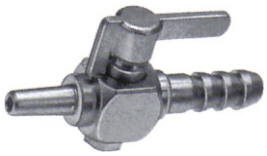
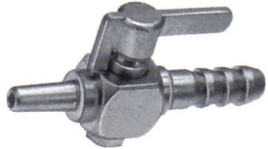

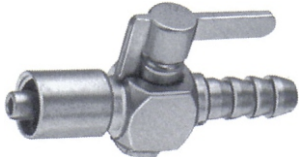














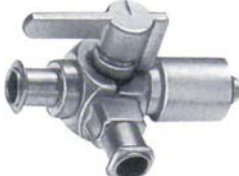
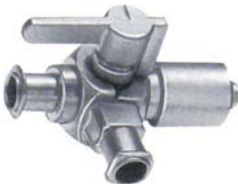


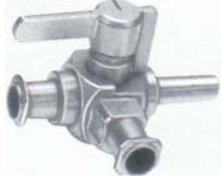
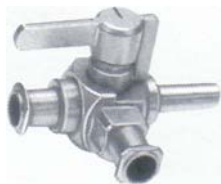
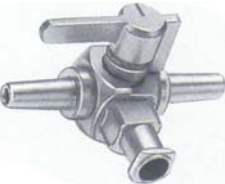
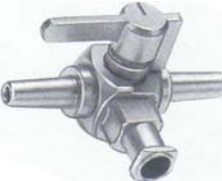




<p>Tube Adaptors male LUER LOCK / hose end Ø 10 mm</p>  <p>MM-06-1250-100</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 4 mm</p>  <p>MM-06-1255-040</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 5 mm</p>  <p>MM-06-1255-050</p>
<p>Tube Adaptors female LUER LOCK / hose end Ø 6 mm</p>  <p>MM-06-1255-060</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 6.5 mm</p>  <p>MM-06-1255-062</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 7 mm</p>  <p>MM-06-1255-070</p>
<p>Tube Adaptors female LUER LOCK / hose end Ø 8 mm</p>  <p>MM-06-1255-080</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 8 mm</p>  <p>MM-06-1255-082</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 10 mm</p>  <p>MM-06-1255-100</p>
<p>Tube Adaptors male LUER LOCK / hose end Ø 3.5 mm</p>  <p>MM-06-1260-000</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 3.5 mm</p>  <p>MM-06-1265-000</p>	<p>Tube Adaptors female LUER LOCK / with thread hose end Ø 3.5 mm</p>  <p>MM-06-1265-100</p>
<p>Tube Adaptors female LUER LOCK / hose end Ø 2 mm</p>  <p>MM-06-1270-000</p>	<p>Tube Adaptors male LUER LOCK / hose end Ø 2 mm</p>  <p>MM-06-1275-000</p>	<p>Tube Adaptors female LUER LOCK / hose end Ø 1.5 mm</p>  <p>MM-06-1280-000</p>
<p>Tube Adaptors male LUER LOCK / hose end Ø 1.5 mm</p>  <p>MM-06-1285-000</p>	<p>Tube Adaptors male LUER LOCK / hose end Ø 6 mm</p>  <p>MM-06-1295-060</p>	<p>Tube Adaptors male LUER LOCK / hose end Ø 8 mm</p>  <p>MM-06-1295-080</p>

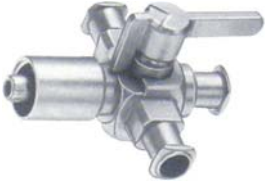
















<p>Catheter adapters male LUER LOCK for catheter PE 60,100, 160 drillhole Ø 1.2 mm</p>  <p>MM-06-1350-000</p>	<p>Catheter adapters male LUER LOCK for catheter PE 205 drillhole Ø 1.5 mm</p>  <p>MM-06-1350-010</p>	<p>Catheter adapters male LUER LOCK for red OEDMAN-LEDIN catheter / size 1 / drillhole Ø 1.5 mm</p>  <p>MM-06-1350-020</p>
<p>Catheter adapters male LUER LOCK for green OEDMAN-LEDIN catheter / size 2 / drillhole Ø 1.5 mm</p>  <p>MM-06-1350-030</p>	<p>Catheter adapters male LUER LOCK for yellow grey OEDMAN-LEDIN catheter / size 3-4 / drillhole Ø 1.9 mm</p>  <p>MM-06-1350-040</p>	<p>Catheter adapters male LUER LOCK for catheter PE 60,100, 160 drillhole Ø 1.2 mm</p>  <p>MM-06-1355-000</p>
<p>Catheter adapters male LUER LOCK for catheter PE 205 drillhole Ø 1.5 mm</p>  <p>MM-06-1355-010</p>	<p>Catheter adapters male LUER LOCK for red OEDMAN-LEDIN catheter / size 1 / drillhole Ø 1.5 mm</p>  <p>MM-06-1355-020</p>	<p>Catheter adapters male LUER LOCK for green OEDMAN-LEDIN catheter / size 2 / drillhole Ø 1.5 mm</p>  <p>MM-06-1355-030</p>
<p>Catheter adapters male LUER LOCK for yellow grey OEDMAN-LEDIN catheter / size 3-4 / drillhole Ø 1.9 mm</p>  <p>MM-06-1355-040</p>	<p>Catheter tips conic female LUER LOCK 2.5 x 4 mm</p>  <p>MM-06-1365-010</p>	<p>Catheter tips conic female LUER LOCK Ø 2.5 x Ø 6.5 mm</p>  <p>MM-06-1365-020</p>
<p>Catheter tips conic female LUER LOCK Ø 3 x Ø 9 mm</p>  <p>MM-06-1365-030</p>	<p>Catheter tips conic female LUER LOCK 2.5 x 4 mm</p>  <p>MM-06-1365-050</p>	<p>Urethra olive female LUER</p>  <p>MM-06-1420-000</p>
<p>Urethra olive female LUER LOCK</p>  <p>MM-06-1425-000</p>	<p>Urethra olive female LUER LOCK / long shaft</p>  <p>MM-06-1430-000</p>	<p>Three way Y-manifold 1x female LUER LOCK, 2 x male LUER LOCK</p>  <p>MM-06-1510-000</p>

<p>Three way Manifold 2 x female LUER LOCK, 1 x male LUER LOCK</p>  <p>MM-06-1520-000</p>	<p>Three tube conector 3 x Ø 8 mm / Lumen 4 mm</p>  <p>MM-06-1530-000</p>	<p>Catheter flucher</p>  <p>MM-06-1560-000</p>
<p>Catheter flucher</p> <p>For wall mounting with 6 male LUER LOCK stopcocks for simultaneous flushing of a max. Of 6 catheters. Other junction combinations are possible</p>  <p>MM-06-1570-000</p>	<p>Cap small female LUER LOCK collar Ø 2.7 mm undrilled</p>  <p>MM-06-3205-010</p>	<p>Cap large female LUER LOCK collar Ø 4.0 mm undrilled</p>  <p>MM-06-3205-020</p>
<p>Plugs male LUER LOCK</p>  <p>MM-06-3220-000</p>	<p>Plugs male LUER LOCK LARGE</p>  <p>MM-06-3220-001</p>	<p>Plugs female LUER LOCK, PPSU black</p>  <p>MM-06-3221-000</p>
<p>Plugs female LUER LOCK</p>  <p>MM-06-3225-000</p>	<p>Plugs female LUER LOCK, LARGE</p>  <p>MM-06-3225-002</p>	<p>Tube connectors male LUER LOCK / hose end Ø 0.5 mm / Thread m 6 x 0.5 x 6 mm long, with hexagonal nut (for assembly into devices)</p>  <p>MM-06-3250-000</p>
<p>Tube connectors female LUER LOCK / hose end Ø 5 mm / Thread m 6 x 0.5 x 6 mm long, with hexagonal nut (for assembly into devices)</p>  <p>MM-06-3255-000</p>	<p>Hexagonal nut Thread m 6 x 0.5 for MM-06-3250-00 and MM-06-3255-000</p>  <p>MM-06-3256-000</p>	<p>Tube connectors male LUER LOCK / hose end Ø 6 mm / Thread m 8 x 10 mm long, with hexagonal nut (for assembly into devices)</p>  <p>MM-06-3260-000</p>
<p>Tube connectors male LUER LOCK LARGE / hose end Ø 6 mm / Thread m 8 x 10 mm long, with hexagonal nut (for assembly into devices)</p>  <p>MM-06-3260-001</p>	<p>Tube connectors female LUER LOCK / hose end Ø 6 mm / Thread m 8 x 10 mm long, with hexagonal nut (for assembly into devices)</p>  <p>MM-06-3265-000</p>	<p>Tube connectors male LUER LOCK LARGE / hose end Ø 6 mm / Thread m 8 x 10 mm long, with hexagonal nut (for assembly into devices)</p>  <p>MM-06-3265-002</p>

<p>Hexagonal nut thread m 8 for No.3260-000 / 3260-001 3265-000 / 3265-002</p>  <p><b>MM-06-3266-00</b></p>	<p>Three way check valve male LUER LOCK / female LUER LOCK with thread</p>  <p><b>MM-06-3280-000</b></p>	<p>Three way check valve 2 x hose end Ø 7 mm</p>  <p><b>MM-06-3285-000</b></p>
<p>Three way check valve male LUER LOCK / female LUER LOCK with thread / lateral hose Ø 4 mm</p>  <p><b>MM-06-3290-000</b></p>	<p>Spring screw cap</p>  <p><b>MM-06-5000-100</b></p>	<p>Three way stopcock 3 x hose end Ø 6 mm</p>  <p><b>MM-06-5150-000</b></p>
<p>Three way stopcock female LUER LOCK / 2 x hose end Ø 6 mm</p>  <p><b>MM-06-5180-000</b></p>	<p>Three way stopcock 3 x female LUER LOCK</p>  <p><b>MM-06-5190-000</b></p>	<p>Three way stopcock female LUER LOCK / 2 x male LUER LOCK with spring screw cap No. 5000-100</p>  <p><b>MM-06-5210-003</b></p>
<p>Three way stopcock 2 x female LUER LOCK / male LUER LOCK with spring screw cap No. 5000-100</p>  <p><b>MM-06-5220-003</b></p>	<p>One way stopcock male LUER LOCK / female LUER LOCK</p>  <p><b>MM-06-5500-000</b></p>	<p>One way stopcock male LUER LOCK / female LUER LOCK with spring screw cap No. 5000-100</p>  <p><b>MM-06-5500-003</b></p>
<p>One way stopcock male LUER LOCK / female LUER LOCK, with thread with spring screw cap No. 5000-100</p>  <p><b>MM-06-5500-103</b></p>	<p>One way stopcock male LUER LOCK / female LUER LOCK</p>  <p><b>MM-06-5510-000</b></p>	<p>One way stopcock male LUER LOCK / female LUER LOCK with spring screw cap No. 5000-100</p>  <p><b>MM-06-5510-003</b></p>
<p>One way stopcock male LUER LOCK / female LUER LOCK with thread with spring screw cap No. 5000-100</p>  <p><b>MM-06-5510-103</b></p>	<p>One way stopcock male LUER LOCK / male LUER LOCK with spring screw cap No. 5000-100</p>  <p><b>MM-06-5520-003</b></p>	<p>One way stopcock female LUER LOCK / fe male LUER LOCK</p>  <p><b>MM-06-5530-000</b></p>

<p>One way stopcocks female LUER LOCK / female LUER LOCK with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5530-003</p>	<p>One way stopcocks female LUER LOCK / hose end Ø 5 mm thread m 6 x 0.5 x 6 mm long, with hexagonal nut with spring screw cap No.MM-06-5000-100 for assemble into decices</p>  <p>MM-06-5534-003</p>	<p>One way stopcocks male LUER LOCK / hose end Ø 5 mm thread m 6 x 0.5 x 6 mm long, with hexagonal nut with spring screw cap No.MM-06-5000-100 for assemble into decices</p>  <p>MM-06-5535-003</p>
<p>One way stopcocks female LUER LOCK / thread M 5 x 5 mm long</p>  <p>MM-06-5536-000</p>	<p>One way stopcocks female LUER LOCK / thread M 5 x 5 mm long with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5536-003</p>	<p>One way stopcocks 2 x hose end Ø 6 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5540-063</p>
<p>One way stopcocks 2 x hose end Ø 6 mm / lumen Ø 4 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5540-083</p>	<p>One way stopcocks male LUER 2 x hose end Ø 6 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5542-063</p>	<p>One way stopcocks male LUER 2 x hose end Ø 8 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5542-080</p>
<p>One way stopcocks male LUER LUCK hose end Ø 6 mm</p>  <p>MM-06-5545-060</p>	<p>One way stopcocks male LUER LUCK hose end Ø 6 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5545-063</p>	
<p>One way stopcocks male LUER LUCK LARGE hose end Ø 8 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5545-083</p>	<p>One way stopcocks male LUER LUCK LARGE hose end Ø 8 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5545-085</p>	<p>One way stopcocks female LUER LUCK hose end Ø 6 mm</p>  <p>MM-06-5547-060</p>
<p>One way stopcocks female LUER LUCK hose end Ø 6 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5547-063</p>	<p>One way stopcocks female LUER LUCK hose end Ø 8 mm</p>  <p>MM-06-5547-080</p>	<p>One way stopcocks male LUER LUCK,hose end Ø 8 mm with spring screw cap No.MM-06-5000-100</p>  <p>MM-06-5547-083</p>

<p>One way stopcocks female LUER LOCK LARGE / hose end Ø 8 mm with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5547-086</b></p>	<p>One way stopcocks LEFT HAND female LUER LOCK / hose end Ø 2 mm</p>  <p><b>MM-06-5550-020</b></p>	<p>One way stopcocks female LUER LOCK / hose end Ø 2 mm with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5550-023</b></p>
<p>Three way stopcocks LEFT HAND male LUER LOCK / 2 x Female LUER LOCK</p>  <p><b>MM-06-5560-000</b></p>	<p>Three way stopcocks LEFT HAND male LUER LOCK / 2 x Female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5560-003</b></p>	<p>Three way stopcocks LEFT HAND with thread male LUER LOCK / 2 x Female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5560-103</b></p>
<p>Three way stopcocks right HAND male LUER LOCK / 2 x Female LUER LOCK</p>  <p><b>MM-06-5562-000</b></p>	<p>Three way stopcocks right HAND male LUER LOCK / 2 x Female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5562-003</b></p>	<p>Three way stopcocks right HAND with thread male LUER LOCK / 2 x Female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5562-103</b></p>
<p>Three way stopcocks 2 x male LUER LOCK / lateral female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5570-003</b></p>	<p>Three way stopcock RIGHT HAND male LUER LOCK / 2 x Female LUER LOCK</p>  <p><b>MM-06-5580-000</b></p>	<p>Three way stopcocks RIGHT HAND male LUER LOCK / 2 x female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5580-003</b></p>
<p>Three way stopcocks RIGHT HAND 2 x male LUER LOCK / lateral female LUER LOCK</p>  <p><b>MM-06-5585-000</b></p>	<p>Three way stopcocks RIGHT HAND 2 x male LUER LOCK / lateral female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5585-003</b></p>	<p>Three way stopcock RIGHT HAND 3 x female LUER LOCK</p>  <p><b>MM-06-5590-000</b></p>
<p>Three way stopcocks RIGHT HAND 3 x female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5590-003</b></p>	<p>Three way stopcocks RIGHT HAND male LUER LOCK / female LUER LOCK lateral hose end Ø 3.5 mm</p>  <p><b>MM-06-5600-000</b></p>	<p>Three way stopcocks RIGHT HAND male LUER LOCK / female LUER LOCK lateral hose end Ø 3.5 mm with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5600-003</b></p>

<p>Four way stopcocks male LUER LOCK / 3 x female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5650-003</b></p>	<p>Replacement caps for catheter stopcock and adater PE 60, 100, 160 / drillhole Ø 1.7 mm</p>  <p><b>MM-06-5680-000</b></p>	<p>R replacement caps for catheter stopcock and adater PE 205 / drillhole Ø 2.2 mm</p>  <p><b>MM-06-5680-010</b></p>
<p>Replacement caps for catheter stopcock and adater size 1 / drillhole Ø 2.5 mm</p>  <p><b>MM-06-5680-020</b></p>	<p>Replacement caps for catheter stopcock and adater size 1 / drillhole Ø 2.7 mm</p>  <p><b>MM-06-5680-030</b></p>	<p>Replacement caps for catheter stopcock and adater size 3 / drillhole Ø 3.1 mm</p>  <p><b>MM-06-5680-040</b></p>
<p>Catheter stopcocks Female LUER LOCK, for catheter PE 60, 100, 160 / drillhole 1.2 mm</p>  <p><b>MM-06-5685-000</b></p>	<p>Catheter stopcocks Female LUER LOCK, for catheter PE 60, 100, 160 / drillhole 1.2 mm with spring c'screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5685-003</b></p>	<p>Catheter stopcocks Female LUER LOCK, for catheter PE 205 / drillhole 1.5 mm</p>  <p><b>MM-06-5685-010</b></p>
<p>Catheter stopcocks Female LUER LOCK, for catheter PE 205 / drillhole 1.5 mm with spring c'screw cap No. MM-06-5000-100</p>  <p><b>MM-06-5685-013</b></p>	<p>Catheter stopcocks Female LUER LOCK, for red OEDMANN catheter / size 1 / drillhole 1.5 mm</p>  <p><b>MM-06-5685-020</b></p>	<p>Catheter stopcocks Female LUER LOCK, for red OEDMANN catheter / size 1 / drillhole 1.5 mm with spring screw cap No.MM-06-5000-100</p>  <p><b>MM-06-5685-023</b></p>
<p>Catheter stopcocks Female LUER LOCK, for green OEDMANN catheter size 2 / drillhole 1.5 mm</p>  <p><b>MM-06-5685-030</b></p>	<p>Catheter stopcocks Female LUER LOCK, for green OEDMANN catheter / size 2 / drillhole 1.5 mm with spring screw cap No.MM-06-5000-100</p>  <p><b>MM-06-5685-033</b></p>	<p>Catheter stopcocks Female LUER LOCK, for yellow and grey OEDMANN catheter / size 3-4 / drillhole 1.9 mm</p>  <p><b>MM-06-5685-040</b></p>
<p>Catheter stopcocks Female LUER LOCK, for yellow andgrey OEDMANN catheter / size 3-4 / drillhole 1.9 mm with spring screw cap No.MM-06-5000-100</p>  <p><b>MM-06-5685-043</b></p>	<p>Rotating adapter male LUER LOCK / female LUER LOCK</p>  <p><b>MM-06-5690-000</b></p>	<p>Replacement O Ring male LUER LOCK / female LUER LOCK</p> <p><b>MM-06-5690-150</b></p>

One way stopcocks  
male LUER LOCK, rotating / 2 x female LUER LOCK  
with spring screw cap No. MM-06-5000-100



MM-06-5692-003

One way stopcocks  
LEFT HAND  
male LUER LOCK, rotating / 2 x female LUER LOCK



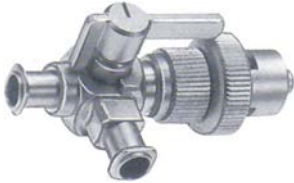
MM-06-5695-000

One way stopcocks  
LEFT HAND  
male LUER LOCK, rotating / 2 x female LUER LOCK  
with spring screw cap No. MM-06-5000-100



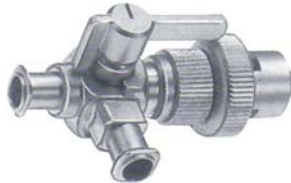
MM-06-5695-003

One way stopcocks  
RIGHT HAND  
male LUER LOCK, rotating / 2 x female LUER LOCK



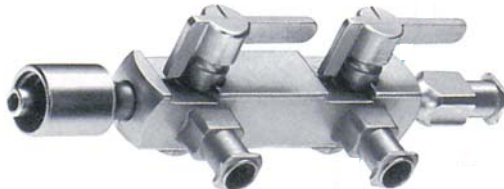
MM-06-5696-000

One way stopcocks  
RIGHT HAND  
male LUER LOCK, rotating / 2 x female LUER LOCK  
with spring screw cap No. MM-06-5000-100



MM-06-5696-003

Manifold  
LEFT HAND  
male LUER LOCK / 3 x female LUER LOCK  
with spring screw cap No. MM-06-5-5000-100



MM-06-5700-003

Manifold  
RIGHT HAND  
male LUER LOCK / 3 x female LUER LOCK  
with spring screw cap No. MM-06-5-5000-100



MM-06-5701-003

Manifold  
LEFT HAND  
male LUER LOCK / 3 x female LUER LOCK  
with spring screw cap No. MM-06-5-5000-100



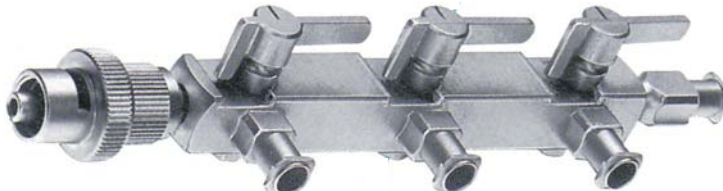
MM-06-5705-003

Manifold  
RIGHT HAND  
male LUER LOCK / 3 x female LUER LOCK  
with spring screw cap No. MM-06-5-5000-100



MM-06-5706-003

Manifold  
LEFT HAND  
male LUER LOCK / 3 x female LUER LOCK  
with spring screw cap No. MM-06-5-5000-100















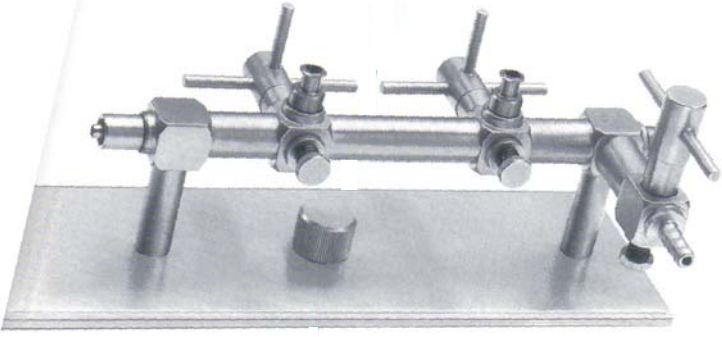



MM-06-57010-003













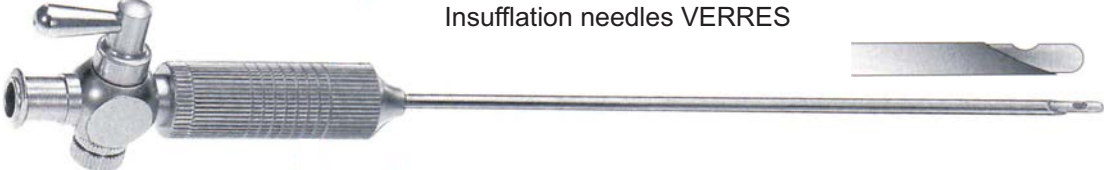

Manifold  
RIGHT HAND  
male LUER LOCK / 3 x female LUER LOCK  
with spring screw cap No. MM-06-5-5000-100

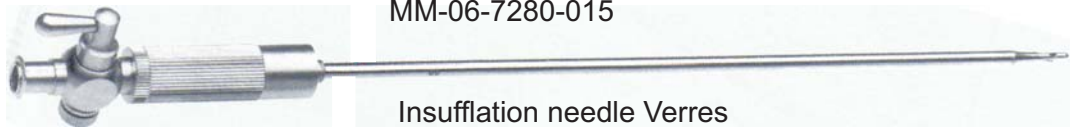


MM-06-5711-003



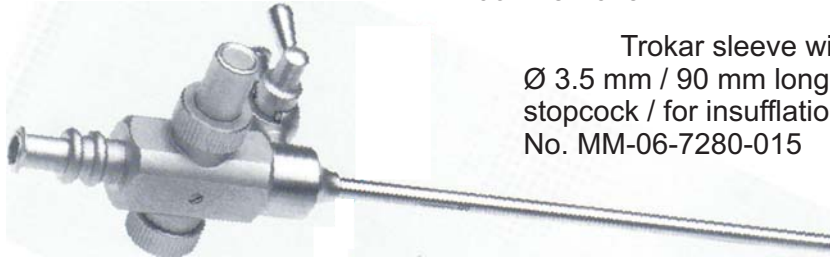
<p>Catheter stopcock male LUER LOCK / THOUHY BORST adapter /30° lateral stopcock with female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p>MM-06-5730-003</p>	<p>Catheter stopcock male LUER LOCK rotating / THOUHY BORST adapter / 30° lateral stopcock with female LUER LOCK with spring screw cap No. MM-06-5000-100</p>  <p>MM-06-5735-003</p>	<p>Replacement rubber Gaske for THOUHY Borst adapter</p>  <p>MM-06-5730-130</p>	
<p>Replacement gland for THOUHY Borst adapter</p>  <p>MM-06-5730-140</p>	<p>Replacement Piston cap for THOUHY Borst adapter</p>  <p>MM-06-5730-150</p>	<p>Y stopcock connector 2 x stopcocks with male LUER LOCK / female LUER LOCK with spring screw cap No. 5000-100</p>  <p>MM-06-5740-003</p>	
<p>HIGH pressure stopcock male LUER LOCK / female LUER LOCK with thread / solid in pressure up to approx. 20 bar</p>  <p>MM-06-5820-000</p>	<p>Three way HIGH pressure stopcock male LUER LOCK / lateral female LUER LOCK with thread / solid in pressure up to approx. 20 bar</p>  <p>MM-06-5840-000</p>	<p>Three way HIGH pressure stopcock STAINLESS STEEL male LUER LOCK / lateral female LUER LOCK rest- and acid resistant with spring screw cap MM-06-5000-100</p>  <p>MM-06-5860-003</p>	
<p>Three way HIGH pressure stopcock STAINLESS STEEL RIGHT HAND male LUER LOCK / female LUER LOCK rest- and acid resistant with spring screw cap MM-06-5000-100</p>  <p>MM-06-5880-003</p>	<p>Three way HIGH pressure stopcock STAINLESS STEEL RIGHT HAND male LUER LOCK / female LUER LOCK rest- and acid resistant with spring screw cap MM-06-5000-100</p>  <p>MM-06-5885-003</p>	<p>One way stopcock with PTFE/TEFLON® plug, male LUER LOCK / female LUER LOCK after cleaning and sterilization, the stopcock does self greasing. The stopcock must always be dismantled before cleaning and sterilization</p>  <p>MM-06-5919-003</p>	
<p>Stopcock unit Consisting of 2 x three way stopcocks / 1 x one way stopcock 1 x male LUER LOCK / 3 x female LUER LOCK / 1 x hose end Ø 6 mm stopcocks can be dismantled / stopcocks mounted on base plate size 200 x 65 mm</p>			 <p>MM-06-5900-000</p>
<p>Trumpet valve female LUER LOCK thread m 5 x 5.5x 4 mm long</p>  <p>MM-06-6050-000</p>	<p>Trumpet valve female LUER LOCK thread m 5 x 5.5x 4 mm long solid in pressure up to approx. 20 bar</p>  <p>MM-06-6056-000</p>	<p>Three way stopcock 3 x hose end Ø 2 mm</p>  <p>MM-06-6060-000</p>	

<p>Trumpet valve LARGE female LUER LOCK / thread M 5 x 0.5 x 4 mm long</p>  <p>MM-06-6080-000</p>	<p>Stopcocks LEFT HAND female LUER LOCK / thread m 6 x 0.5 x 2.5 mm long / drillhole Ø 3.5 mm</p>  <p>MM-06-7000-003</p>	<p>Stopcocks RIGHT HAND female LUER LOCK / thread m 6 x 0.5 x 2.5 mm long / drillhole Ø 3.5 mm</p>  <p>MM-06-7005-003</p>
<p>Stopcocks LEFT HAND female LUER LOCK / thread m 5 x 0.5 x 2.5 mm long / drillhole Ø 3 mm</p>  <p>MM-06-7010-003</p>	<p>Stopcocks RIGHT HAND female LUER LOCK / thread m 5 x 0.5 x 2.5 mm long / drillhole Ø 3 mm</p>  <p>MM-06-7015-003</p>	<p>Stopcocks LEFT HAND female LUER LOCK / thread m 4 x 0.5 x 2.5 mm long / drillhole Ø 2.5 mm</p>  <p>MM-06-7020-003</p>
<p>Stopcocks RIGHT HAND female LUER LOCK / thread m 4 x 0.5 x 2.5 mm long / drillhole Ø 2.5 mm</p>  <p>MM-06-7025-003</p>	<p>Stopcocks LEFT HAND female LUER LOCK / thread m 4 x 0.5 x 2.5 mm long / drillhole Ø 2 mm</p>  <p>MM-06-7030-003</p>	<p>Stopcocks RIGHT HAND female LUER LOCK / thread m 4 x 0.5 x 2.5 mm long / drillhole Ø 2 mm</p>  <p>MM-06-7035-003</p>
<p>Stopcocks LEFT HAND female LUER LOCK / with hose end Ø 8 mm and thread m 5 x 0.5 x 2.5 mm long</p>  <p>MM-06-7070-003</p>	<p>Stopcocks RIGHT HAND female LUER LOCK / with hose end Ø 8 mm and thread m 5 x 0.5 x 2.5 mm long</p>  <p>MM-06-7075-003</p>	<p>Stopcocks LEFT HAND LUER LOCK, rotating / female LUER LOCK</p>  <p>MM-06-7090-003</p>
<p>Insufflation needles VERRES</p>		
		
<p>MM-06-7270-008 Ø 2.1 mm / 80 mm long female LUER LOCK with stopcock</p>	<p>MM-06-7270-010 Ø 2.1 mm / 100 mm long female LUER LOCK with stopcock</p>	<p>MM-06-7270-012 Ø 2.1 mm / 120 mm long female LUER LOCK with stopcock</p>
<p>MM-06-7270-015 Ø 2.1 mm / 150 mm long female LUER LOCK with stopcock</p>	<p>MM-06-7270-017 Ø 2.1 mm / 170 mm long female LUER LOCK with stopcock</p>	<p>MM-06-7270-020 Ø 2.1 mm / 200 mm long female LUER LOCK with stopcock</p>
<p>Insufflation needles GÖTZE-SEMM</p>		
		<p>MM-06-7275-012 Ø 2.1 mm / 120 mm long Y connector 2 x female LUER LOCK with stopcock</p>



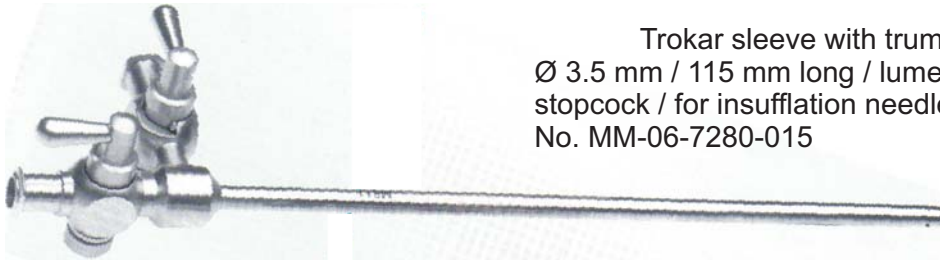
MM-06-7280-015

Insufflation needle Verres  
 Ø 3 mm / 150 mm / long / tip taptapered to 2.1 mm /  
 fitting to No. MM-06-7281-015 and MM-067282-015



MM-06-7281-015

Trokar sleeve with trumpet valve  
 Ø 3.5 mm / 90 mm long / lumen 3 mm with lateral  
 stopcock / for insufflation needle Verres  
 No. MM-06-7280-015



MM-06-7282-015

Trokar sleeve with trumpet valve  
 Ø 3.5 mm / 115 mm long / lumen 3 mm with lateral  
 stopcock / for insufflation needle Verres  
 No. MM-06-7280-015



Puncture needles LICHTWITZ-BIER

Puncture needles VOGEL

Puncture needles Van EICKEN

MM-06-06-7320-114

Ø 1.4 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-214

Ø 1.4 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-314

Ø 1.4 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-116

Ø 1.6 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-216

Ø 1.6 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-316

Ø 1.6 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-118

Ø 1.8 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-218

Ø 1.8 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-318

Ø 1.8 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-120

Ø 2 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-220

Ø 2 mm / 80 mm long / female LUER LOCK

MM-06-06-7320-320

Ø 2 mm / 80 mm long / female LUER LOCK

MM-06-06-7325-114

Ø 1.4 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-214

Ø 1.4 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-314

Ø 1.4 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-116

Ø 1.6 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-216

Ø 1.6 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-316

Ø 1.6 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-118

Ø 1.8 mm / 80 mm long / female LUER LOCK

MM-06-06-7325-218

Ø 1.8 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-318

Ø 1.8 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-120

Ø 2 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-220

Ø 2 mm / 100 mm long / female LUER LOCK

MM-06-06-7325-320

Ø 2 mm / 100 mm long / female LUER LOCK

MM-06-7420-008  
from cannula diameter 0.7 to 1 mm

Stops for thin walled cannula tubes

MM-06-7420-016  
from cannula diameter 1.5 to 1.8 mm

MM-06-7420-010  
from cannula diameter 0.8 to 1.2 mm



MM-06-7420-018  
from cannula diameter 1.7 to 2 mm

MM-06-7420-012  
from cannula diameter 1.1 to 1.4 mm

MM-06-7420-020  
from cannula diameter 1.8 to 2.1 mm

MM-06-7420-014  
from cannula diameter 1.3 to 1.6 mm

Obturator buttons  
male LUER, without pin



MM-06-7430-000

Obturator buttons  
male LUER, without pin



MM-06-7440-000

Suction tube Yankauer



MM-06-7550-000  
Suction tube Yankauer  
Stainless steel with removable cap

MM-06-7550-140  
Replacement cap  
for Yankauer suction tube

Breathing valve



MM-06-7600-000

Cannula for sterile pouch tapping



MM-06-7620-000

Cannula for sterile pouch tapping



MM-06-7625-000

Suction tube  
with stopcock and handle



MM-06-7630-000

MM-06-7640-015  
Ø 1.5 mm x 150 mm long

Suction tube

MM-06-7640-030  
Ø 3 mm x 150 mm long

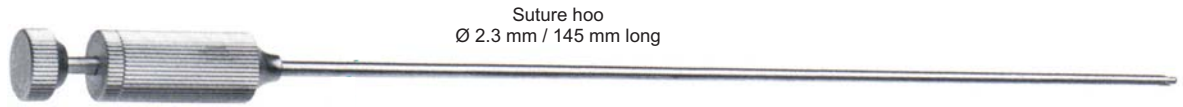
MM-06-7640-020  
Ø 2 mm x 150 mm long



MM-06-7640-040  
Ø 4 mm x 150 mm long

MM-06-7640-025  
Ø 2.5 mm x 150 mm long

MM-06-7640-050  
Ø 5 mm x 150 mm long



Suture hoo  
Ø 2.3 mm / 145 mm long

MM-06-7650-000

Catheter connection  
STRAIGHT, SHORT hode Ø 3 to 13 mm or from  
CHARRIERE14 to CHARRIERE 46 example for  
MM-06-8006-00=Ø 6mm



MM-06-8003-00 to MM-06-8013-000

Catheter connection  
STRAIGHT SHORT hode Ø 3 to 13 mm or from  
CHARRIERE14 to CHARRIERE 46 example for  
MM-06-8106-00=Ø 6mm



MM-06-8103-00 to MM-06-8113-000

Catheter connection  
STRAIGHT SHORT hode Ø 3 to 13 mm or from  
CHARRIERE14 to CHARRIERE 46 example for  
MM-06-8306-00=Ø 6mm



MM-06-8303-00 to MM-06-8313-000

Hexagonal spanner  
dismantling and adjusting stopcocks



MM-06-8650-000

Silicooil 20 ml  
for trumpet valve



MM-06-8665-000

MM-06-9006-800

Trocar sleeve with silicon  
cap Ø 6 mm

MM-06-9006-040

Trocar with triangular point

MM-06-9011-500

Trocar sleeve with lateral  
stopcock Ø 11 mm

MM-06-9011-700

Trocar with cone point

MM-06-9011-010

Trocar sleeve without lateral  
stopcock Ø 11 mm

Trocar with silicon cap MM-06-9006-030



Trocar with cone point

MM-06-9006-000

Silicon cap ( Pack of 10 pcs )

MM-06-9011-020

Trocar with triangular point

Trocar with flap valve



MM-06-9011-000

Silicon cap ( Pack of 10 pcs )

MM-06-9006-000

SILICON CAP

For No. MM-06-9006-100MM-06-9006-200  
MM-06-9006-800 ( Pack of 10 pcs )

MM-06-9006-310

REPLACEMENT VALVE

PISTEN COMPLETE

For No. MM-06-9006-100MM-06-9006-200

MM-06-9006-330

SPRING

For No. MM-06-9006-100 and MM-06-9006-200

MM-06-9011-000

SILICON CAP

For No. MM-06-9006-100MM-06-9006-200  
MM-06-9006-800 ( Pack of 10 pcs )

MM-06-9011-310

REPLACEMENT VALVE

PISTEN COMPLETE

For No. MM-06-9006-100MM-06-9006-200

MM-06-9011-330

SPRING

For No. MM-06-9006-100 and MM-06-9006-200

MM-06-9006-300

REPLACEMENT SET COMPLETE

For No. MM-06-9006-100MM-06-9006-200  
composed of screw cap, spring  
and valve piston

MM-06-9006-320

Knurled CAP

For No. MM-06-9006-100 and MM-06-9006-200

MM-06-9011-300

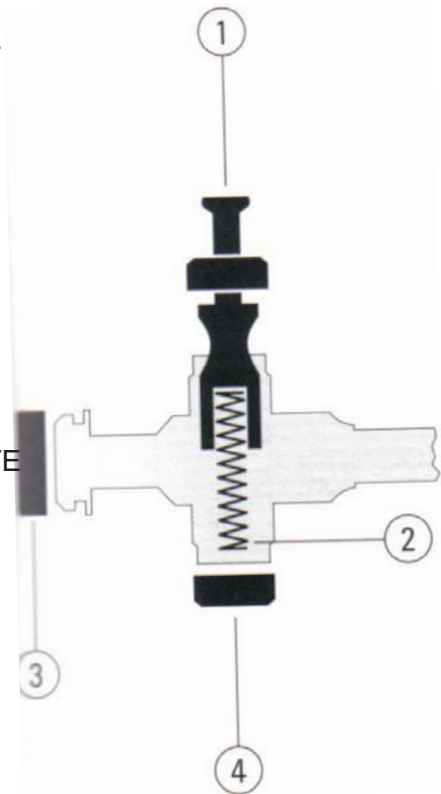
REPLACEMENT SET COMPLETE

For No. MM-06-9006-100MM-06-9006-200  
composed of screw cap, spring  
and valve piston

MM-06-9011-320

Knurled CAP

For No. MM-06-9006-100 and MM-06-9006-200



Grease  
50 gramm

MM-06-8660-050

## Trocar



**MM-06-9006-010**  
 Ø 6 mm / cone point / for  
 No. MM-06-9006-100 and MM-06-9006-200

**MM-06-9011-020**  
 Ø 11 mm / cone point / for  
 No. MM-06-9011-100 and MM-06-9011-200  
 MM-06-9011-500 and MM-06-9011-700



**MM-06-9006-010**  
 Ø 6 mm / triangular point / for  
 No. MM-06-9006-100 and MM-06-9006-200

**MM-06-9011-020**  
 Ø 11 mm / triangular point / for  
 No. MM-06-9011-100 and MM-06-9011-200  
 MM-06-9011-500 and MM-06-9011-700



## Tocar sleeve with trumpet valve



**MM-06-9006-100**  
 Lumen Ø 6 mm with straight distal tip

**MM-11-9011-200**  
 Lumen Ø 11 mm with straight distal tip



**MM-06-9006-100**  
 Lumen Ø 6 mm with 90° distal tip

**MM-11-9011-200**  
 Lumen Ø 11 mm with 90° distal tip

Suction and irrigation handle  
 with double trumpet valve hose end Ø 7 mm



**MM-05-9200-100**

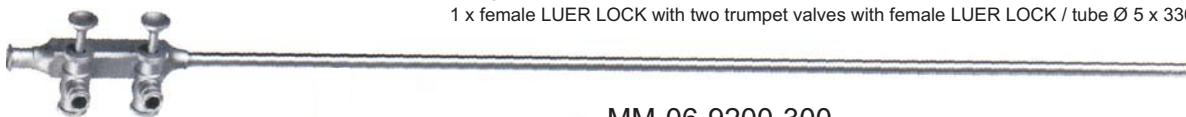
Suction and irrigation handle



**MM-06-9200-200**

Suction and irrigation tube

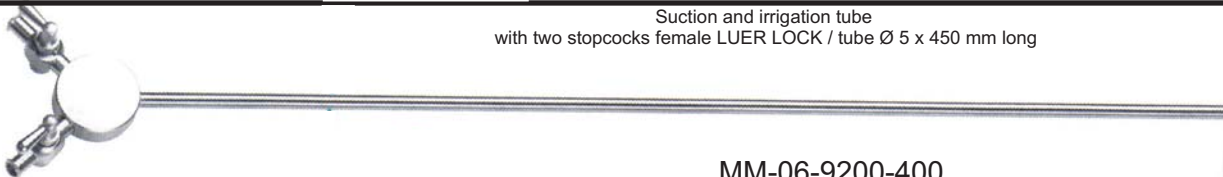
LARGE  
 1 x female LUER LOCK with two trumpet valves with female LUER LOCK / tube Ø 5 x 330 mm long



**MM-06-9200-300**

Suction and irrigation tube

with two stopcocks female LUER LOCK / tube Ø 5 x 450 mm long



**MM-06-9200-400**

Suction and irrigation tube

Tube Ø 5 x 330 mm long for No. MM-06-9200-100 and MM-06-9200-200



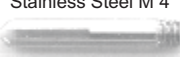




















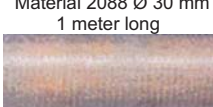


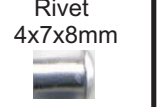











**MM-06-9201-005**



















Suction and irrigation tube

Tube Ø 10 x 330 mm long for No. MM-06-9200-100 and MM-06-9200-200



**MM-06-9201-010**

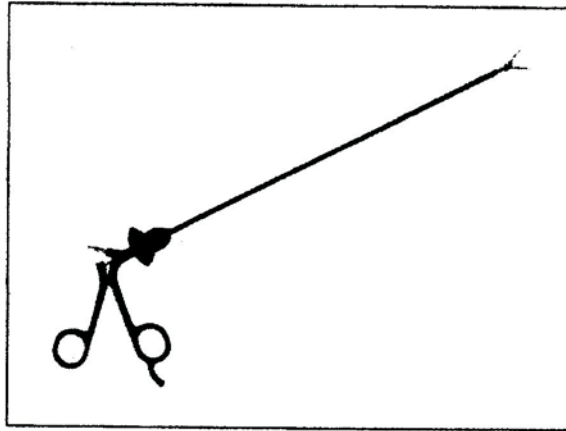
Contact Post Stainless Steel M 4  MM-07-0100	Contact Post Stainless Steel  MM-07-0100-A	Pulling Rod Ø 1.5 mmx 36 cm long No Picture MM-07-0101	Pulling Rod Ø 1.5 mmx 45 cm long No Picture MM-07-0102	1 paar hinge plates spring steel, hole Ø 0.8 mm  MM-07-0103	Contact Post gold plated M 4  MM-07-0104	Laparoscopy Fork 5mm M 3  MM-07-0105
Rotating Unit M4.5x0.5  MM-07-0106		Dental-Expander  MM-07-0107		Hose for Mclvor Mouth Gags, outside Ø 5mm inside Ø 3mm No Picture MM-07-0108	Hinge Pin  MM-07-0109	
Hinge Pin  MM-07-0110						
Handle Ø 16mm, length 100 mm  MM-07-0111-16-100	Handle Ø 22mm, length 114 mm  MM-07-0111-22-114	Handle Ø 30mm, length 120 mm  MM-07-0111-30-120	Handle Ø 25mm, length 128 mm  MM-07-0111-25-128	Handle Ø 27mm, length 122 mm  MM-07-0111-27-122	Handle Ø 28mm, length 136 mm  MM-07-0111-28-136	
Handle Ø 30mm, length 145 mm  MM-07-0111-30-145	Handle Ø 31mm, length 115 mm  MM-07-0111-31-115	Handle Ø 36mm, length 112 mm  MM-07-0111-36-112	Handle Ø 40mm, length 110 mm  MM-07-0111-40-110	Material 2088 Ø 16mm 1 meter long  MM-07-0111-16-1meter	Material 2088 Ø 22 mm 1 meter long  MM-07-0111-22-1meter	
Material 2088 Ø 30 mm 1 meter long  MM-07-0111-30-1meter	Rivet 2x3x6mm  MM-07-0112-2x3x6	Rivet 3x5x7mm  MM-07-0112-3x5x7	Rivet 4x7x8mm  MM-07-0112-4x7x8			
Pulling rod connector  MM-07-0116				Scissor blade  MM-07-0123	Thorn L 4.2 Th 0.15mm with hole  MM-07-0124	Stryker E lock Clip  MM-07-0125
Inner shaft 34 cm long  MM-07-0126-1		Inner shaft 37.4 cm long  MM-07-0126-2		Inner shaft 38 cm long  MM-07-0126-3		
Inner shaft 40.2 cm long  MM-07-0126-4				Small container Seal  MM-07-JK029216	Medium container Seal  MM-07-JK129216	Large container Seal  MM-07-JK229216

<p>Container marking Tag red</p>  <p>MM-07-785-w.o.M</p>		<p>Container marking Tag blue</p>  <p>MM-07-786-w.o.M</p>		<p>Container marking Tag green</p>  <p>MM-07-787-w.o.M</p>	
<p>Container marking Tag gold</p>  <p>MM-07-788-w.o.M</p>		<p>Container marking Tag black</p>  <p>MM-07-790-w.o.M</p>		<p>Container marking Tag brown</p>  <p>MM-07-792-w.o.M</p>	
<p>Container marking Tag violet</p>  <p>MM-07-793-w.o.M</p>		<p>Container marking Tag orange</p>  <p>MM-07-794-w.o.M</p>			
<p>Wheels PPSU black with pin 1.4305</p>  <p>MM-07-USA-0100</p>	<p>Milling Part, PPSU black</p>  <p>MM-07-USA-0101</p>	<p>Pin with ball, Peek Nuturel</p>  <p>MM-07-USA-0102</p>	<p>Disc PPSU black</p>  <p>MM-07-USA-0103</p>	<p>Contact Pin M4 x27mm long with Point</p>  <p>MM-07-USA-0104</p>	
<p>Contact Pin M4 x 20 mm long</p>  <p>MM-07-USA-0105</p>	<p>Contact Pin</p>  <p>MM-07-USA-0106</p>	<p>Knurled Screw M2.5 x 10x 12 mm long</p>  <p>MM-07-USA-0107</p>	<p>Pin with spring mounted</p>  <p>MM-07-USA-0108</p>	<p>Set Screw M2x5.2 mm</p>  <p>MM-07-USA-0109</p>	



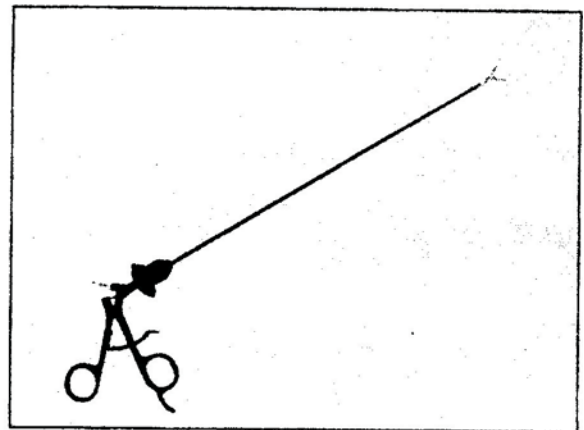
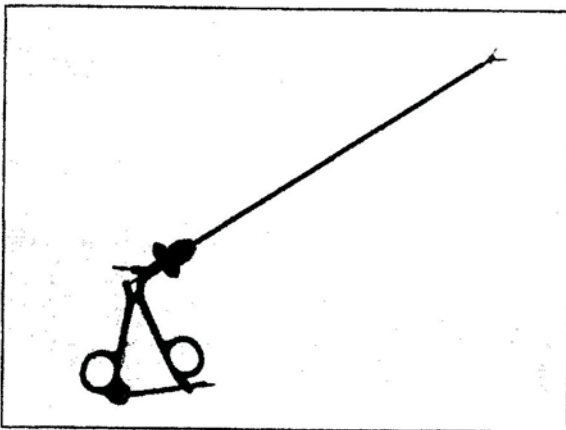
<p>Pin with Spring mounted ( Storz )</p>  <p>MM-08-BA-00001-000</p>	<p>Bipolar conector Set Wolf</p>  <p>MM-08-BA-00007-000</p> <p>Bipolar conector Set Storz</p>  <p>MM-08-BA-00008-000</p>	<p>Fast thread 6-gg nut for inside taper part ( Storz )</p>  <p>MM-08-DF-00001-000</p>	<p>Inside taper part 18.5mm ( Storz ) hole Ø 2.9mm</p>  <p>MM-08-DF-00002-000</p>
<p>Connector for pulling rod hole Ø .45mm</p>  <p>MM-08-DF-00061-000</p>	<p>Lever for 6-gg clutch Storz )</p>  <p>MM-08-DR-00017-000</p>	<p>Treaded Part Luer taper UENF 5/16x32"</p>  <p>MM-08-DR-00058-001</p>	<p>Ball Break</p>  <p>MM-08-DR-00080-000</p>
<p>Fiber Adapter Storz/Olimpus</p>  <p>MM-08-DR-00111-001</p>	<p>Spacer 2.76x0.8mm long Brass 58</p>  <p>MM-08-DR-00116-000</p>	<p>Spacer 2.76x4.13mm lon Brass 58</p>  <p>MM-08-DR-00116-019</p>	<p>Spacer 2.76x10.54mm Brass 58</p>  <p>MM-08-DR-00116-115</p>
<p>Connector Ø 10.9 inside Storz M8.5x0.5mm</p>  <p>MM-08-DR-00139-000</p>	<p>Teflon insolater M3x0.25x6.5mm long hole Ø 1,7 to 1.3mm Storz</p> <p>MM-08-DR-00156-001</p>	<p>Stop</p>  <p>MM-08-DR-00310-000</p>	<p>Nut</p>  <p>MM-08-DR-00313-000</p>
<p>Connecting part</p>  <p>MM-08-DR-00314-000</p>	<p>Connecting part</p>  <p>MM-08-DR-00377-000</p>	<p>Adapter Wolf</p>  <p>MM-08-DR-00379-000</p>	<p>Cosmetic ring Ø 11x10x2mm red</p>  <p>MM-08-DR-00478-000</p>
<p>Fast thread nut for inside taper part ( Storz ) Chrom plated</p>  <p>MM-08-FE-00101-000</p>	<p>Inside taper part 18.5mm hole Ø 2.9mm ( Storz ) Chrom plated</p>  <p>MM-08-FE-00002-000</p>	<p>Lever for 6-gg clutch ( Storz ) Chrom plated</p>  <p>MM-08-FE-00017-000</p>	

## EXAMPLE



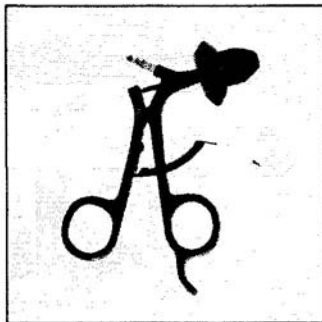
### Features "MULTIFUNCTION"

- High Precision & Advanced Technology
  - Weight: 100 - 120g
  - Full Autoclavable
  - Interchangeable jaws
    - 3 parts
- Easy to assemble and disassemble
- Shaft rotates in 15° increments
  - Insulated
- Lower costs are obtained by using multiple jaws with one handle
- Absolutely Compatibility between 5 and 10mm Instruments

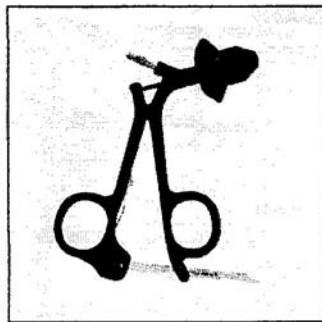




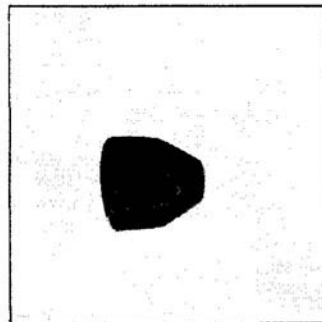
**P9-070**  
Handle without ratchet,  
insulated for 5mm and 10mm



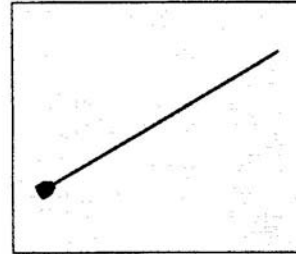
**P9-071**  
Handle with ratchet,  
insulated for 5mm and 10mm



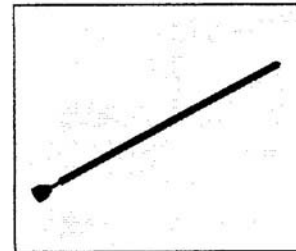
**P9-072**  
Handle with spring ratchet,  
insulated for 5mm and 10mm



**P9-073**  
Spare part  
only for 5mm sheath (P9-074)



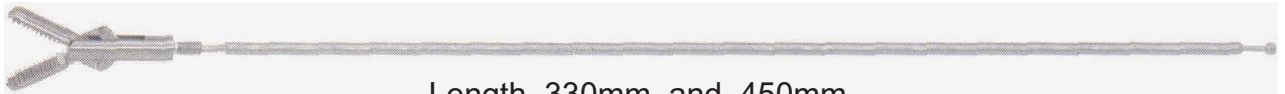
**P9-074**  
5mm shaft for dismantable instruments









**P9-075**  
10mm shaft for dismantable instruments









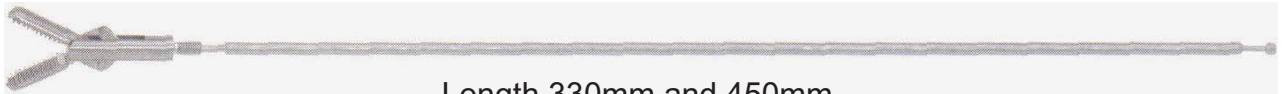
**MM-P9-076**  
Rotating cap for Handle  
MM-P9-070 MM-P9-071  
MM-P9-072





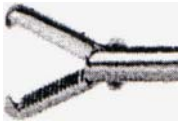



Length 330mm and 450mm







Grasping & Dissecting Forceps 5mm	Part - No.:
 <p>Serrated, cupped jaws, 5mm</p>	<p>MM-P9-125-33 MM-P9-125-45</p> <p>Double-ation</p>
 <p>Crps serrated artrumatic, 5mm</p>	<p>MM-P9-126-33 MM-P9-126-45</p> <p>Double-ation</p>
 <p>Dorsey, fenestrated, 5mm</p>	<p>MM-P9-127-33 MM-P9-127-45</p> <p>Double-ation</p>
 <p>Allis, 5mm</p>	<p>MM-P9-128-33 MM-P9-128-45</p> <p>Double-ation</p>
 <p>Dorsey Delicate, serrated and fenestrated jaws, 5mm</p>	<p>MM-P9-129-33 MM-P9-129-45</p> <p>Double-ation</p>
 <p>Atraumatic, serrated, 5mm</p>	<p>MM-P9-130-33 MM-P9-130-45</p> <p>Single-ation</p>

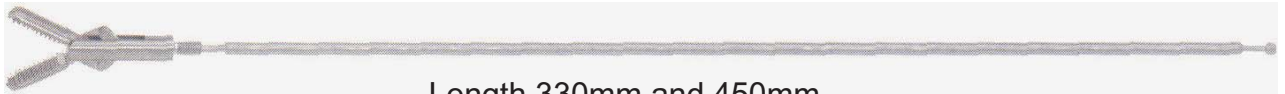
Grasping & Dissecting Forceps 5mm	Part - No.:
 <p>Serrated, conical jaws with cup, 5mm</p>	<p>MM-P9-131-33 MM-P9-131-45</p> <p>Double-ation</p>
 <p>Mc Keman, cross and right angles serrated, 5mm</p>	<p>MM-P9-132-33 MM-P9-132-45</p> <p>Double-ation</p>
 <p>Reddick-Olsen serrated, 5mm</p>	<p>MM-P9-133-33 MM-P9-133-45</p> <p>Double-ation</p>
 <p>Alligator forceps, serrated jaws 5mm</p>	<p>MM-P9-141-33 MM-P9-141-45</p> <p>Double-ation</p>
 <p>Single-ation</p>	<p>MM-P9-142-33 MM-P9-142-45</p> <p>Single-ation</p>
 <p>Cobra, serrated jaws with delicate teeth, 5mm</p>	<p>MM-P9-143-33 MM-P9-143-45</p> <p>Single-ation</p>








Length 330mm and 450mm

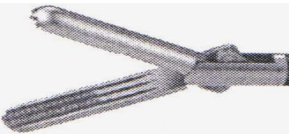





Grasping & Dissecting Forceps 5mm	Part - No.:
 <p>Manhes, delicate serrated, 5mm</p>	<p>MM-P9-144-33 MM-P9-144-45</p> <p>Single-action</p>
 <p>Smooth, 5mm</p>	<p>MM-P9-145-33 MM-P9-145-45</p> <p>Double -action</p>
 <p>Serrated with teeth, 5mm</p>	<p>MM-P9-146-33 MM-P9-146-45</p> <p>Double -action</p>
 <p>Manhes 1x2 teeth serrated, 5mm</p>	<p>MM-P9-147-33 MM-P9-147-45</p> <p>Single-action</p>
 <p>Babcock double -action, 5mm</p>	<p>MM-P9-148-33 MM-P9-148-45</p> <p>Double -action</p>
 <p>Alligator forceps, 5mm</p>	<p>MM-P9-149-33 MM-P9-149-45</p> <p>Double -action</p>

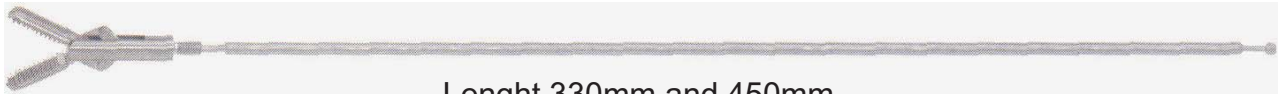
Grasping & Dissecting Forceps 5mm	Part - No.:
 <p>Wave grasper,, 5mm</p>	<p>MM-P9-150-33 MM-P9-150-45</p> <p>Single-action</p>
 <p>Delicate serrated long forceps 5mm</p>	<p>MM-P9-151-33 MM-P9-151-45</p> <p>Double -action</p>
 <p>Alligator, strong teeth forceps 5mm</p>	<p>MM-P9-152-33 MM-P9-152-45</p> <p>Single-action</p>
 <p>Right angel,5mm</p>	<p>MM-P9-153-33 MM-P9-153-45</p> <p>Double -action</p>
 <p>Fenestrated, 5mm</p>	<p>MM-P9-154-33 MM-P9-154-33</p> <p>Single-action</p>
 <p>Maryland, serrated, curved left, 10mm</p>	<p>MM-P9-155-33 MM-P9-155-45</p> <p>Double -action</p>









Length 330mm and 450mm



Grasping & Dissecting Forceps 5mm / 10mm	Part - No.:
 <p>MM-P9-156-33 MM-P9-156-45</p> <p>Mixer 90° angled, cross-serrated, 10mm Double-action</p>	
 <p>MM-P9-157-33 MM-P9-157-45</p> <p>Maryland, serrated curved left, 5mm Double-action</p>	
 <p>MM-P9-158-33 MM-P9-158-45</p> <p>De Bakey middle 40mm atraum, serrated 10mm Double-action</p>	
 <p>MM-P9-159-33 MM-P9-159-45</p> <p>Glassman, atraumatic serrated 10mm Double-action</p>	
 <p>MM-P9-160-33 MM-P9-160-45</p> <p>Mixer, left curved, 10mm Double-action</p>	
 <p>MM-P9-161-33 MM-P9-161-45</p> <p>Overholt (Kelly) left curved, 10mm Double-action</p>	

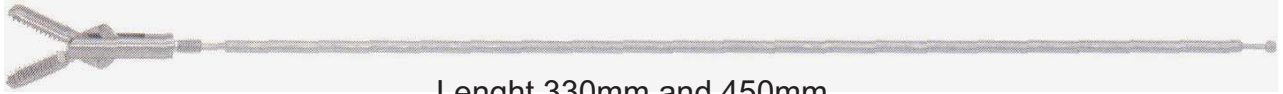
Grasping & Dissecting Forceps 5mm / 10mm	Part - No.:
 <p>MM-P9-162-33 MM-P9-162-45</p> <p>De Bakey middle 30mm atraum, serrated 10mm Double-action</p>	
 <p>MM-P9-163-33 MM-P9-163-45</p> <p>De Bakey middle 50mm atraum, serrated 10mm Double-action</p>	
 <p>MM-P9-164-33 MM-P9-164-45</p> <p>Babcock, 10mm Double-action</p>	
 <p>MM-P9-165-33 MM-P9-165-45</p> <p>Wave Grasper, 10mm Double-action</p>	
 <p>MM-P9-167-33 MM-P9-167-45</p> <p>Claw Grasper, large jaws, with 2x3 teeth 10mm Single-action</p>	
 <p>MM-P9-168-33 MM-P9-168-45</p> <p>Dorsey, fenestrated, 10mm Double-action</p>	





Length 330mm and 450mm



Scissors 5mm / 10mm	Part - No.:
 <p>MM-P9-169-33 MM-P9-169-45</p> <p>Micro Scissors, jaws straght, 5mm</p> <p><b>Single-action</b></p>	
 <p>MM-P9-170-33 MM-P9-170-45</p> <p>Hook Scissors, 5mm</p> <p><b>Single-action</b></p>	
 <p>MM-P9-171-33 MM-P9-171-45</p> <p>Metzenb.Scissors, curved left, 5mm</p> <p><b>Double-action</b></p>	
 <p>MM-P9-172-33 MM-P9-172-45</p> <p>Scissors Mayo Model one blade serratted, straght jaws, 10mm</p> <p><b>Single-action</b></p>	
 <p>MM-P9-173-33 MM-P9-173-45</p> <p>Micro Scissors, jaws curved left, 5mm</p> <p><b>Single-action</b></p>	
 <p>MM-P9-174-33 MM-P9-174-45</p> <p>Scissors, short, serrated jaws, 5mm</p> <p><b>Single-action</b></p>	

Scissors 5mm / 10mm	Part - No.:
 <p>MM-P9-175-33 MM-P9-175-45</p> <p>metzenb.Scissors, straght jaws, 5mm</p> <p><b>Single-action</b></p>	
 <p>MM-P9-176-33 MM-P9-176-45</p> <p>Scissors Mayo Model one blade serratted, left curved, jaws 10mm</p> <p><b>Single-action</b></p>	



Lenght 330mm and 450mm




Biopsy Forceps 5mm / 10mm	Part - No.:
	<p>MM-P9-177-33 MM-P9-177-45</p> <p>Serrated cupped jaws, pin, 5mm</p> <p>Double-action</p>
	<p>MM-P9-178-33 MM-P9-178-45</p> <p>Sharp cupped jaws without pin, 5mm</p> <p>Double-action</p>



Biopsy Forceps 5mm / 10mm	Part - No.:
	<p>MM-P9-179-33 MM-P9-179-45</p> <p>Sharp cupped jaws with pin, 5mm</p> <p>Double-action</p>
	<p>MM-P9-180-33 MM-P9-180-45</p> <p>Sharp cupped jaws without pin, 10mm</p> <p>Single-action</p>



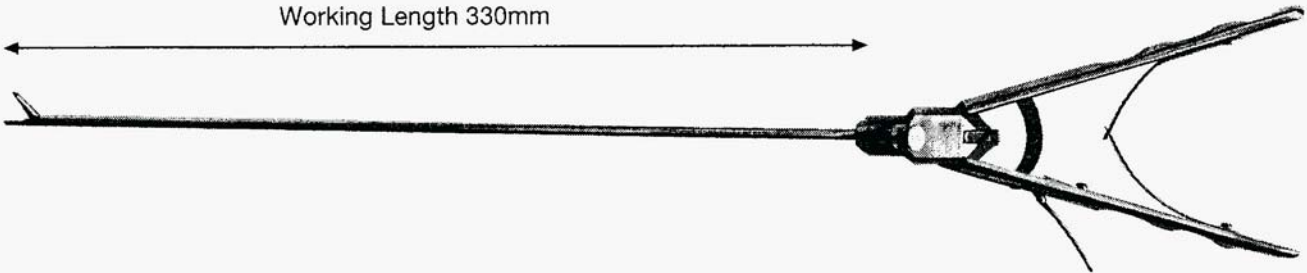


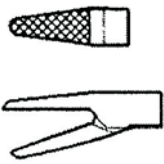
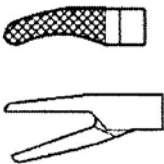
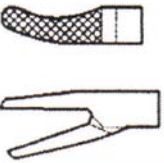
Length 330mm and 450mm

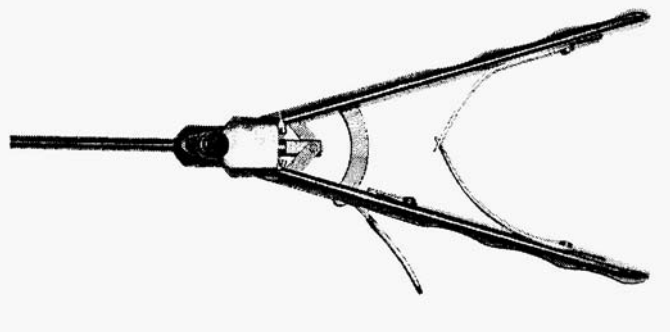
Biopsy Forceps 5mm / 10mm:	Part - N.:
 <p data-bbox="228 583 565 653">Biopsy Forceps cutting, 5mm</p>	<p data-bbox="553 474 773 548">MM-P9-181-33 MM-P9-181-45</p> <p data-bbox="586 615 773 653">Single action</p>
 <p data-bbox="228 850 548 921">Hook Biopsy Forceps, 5mm</p>	<p data-bbox="553 730 773 804">MM-P9-182-33 MM-P9-182-45</p> <p data-bbox="586 884 773 921">Single action</p>
 <p data-bbox="228 1119 565 1190">Biopsy Forceps cutting, 5mm</p>	<p data-bbox="553 1014 773 1087">MM-P9-183-33 MM-P9-183-45</p> <p data-bbox="586 1150 773 1190">Single action</p>

Biopsy Forceps 5mm / 10mm:	Part - N.:
 <p data-bbox="938 583 1247 653">Biopsy Forceps cutting with pin, 5mm</p>	<p data-bbox="1256 474 1492 548">MM-P9-185-33 MM-P9-185-45</p> <p data-bbox="1289 615 1492 653">Single action</p>
 <p data-bbox="938 850 1274 921">Biopsy Forceps cutting, 5mm</p>	<p data-bbox="1256 751 1492 825">MM-P9-186-33 MM-P9-186-45</p> <p data-bbox="1289 884 1492 921">Single action</p>

**Special Needleholder with ergonomic handle**












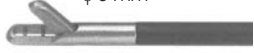



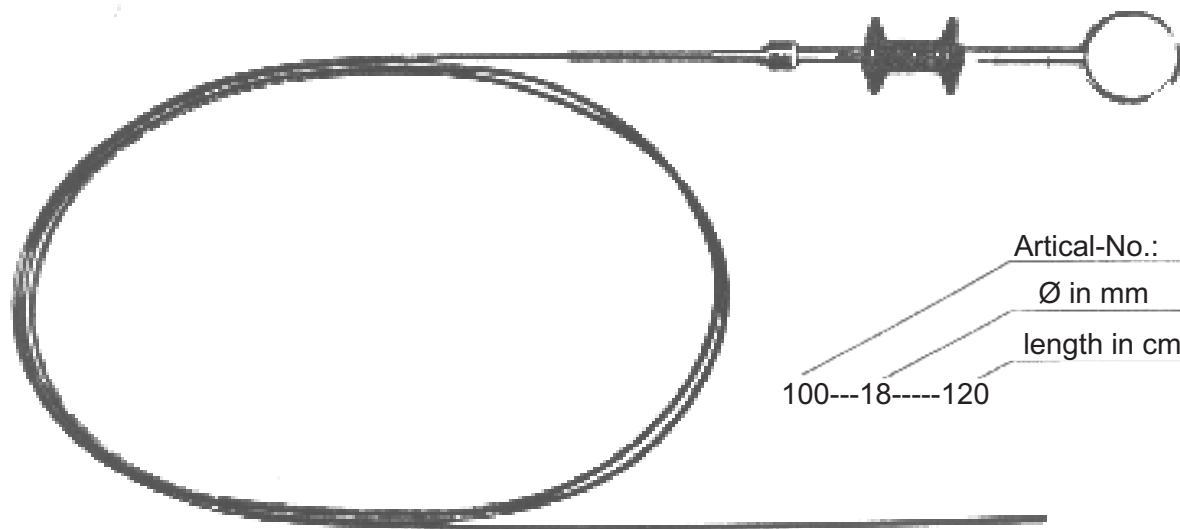
Part - No.:	
	MM-P9-236
Needleholder, straight, with tungsten carbide jaws, 5mm	
	MM-P9-237
Needleholder, curved left, with tungsten carbide jaws, 5mm	
	MM-P9-238
Needleholder, curved right, with tungsten carbide jaws, 5mm	



<p>Traumatic grasping Forceps, single action jaw φ 5 mm</p>  <p>MM-21-0100-33/45</p>	<p>Traumatic grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-010-33/45</p>	<p>Atraumatic grasping Forceps, single action jaw φ 5 mm</p>  <p>MM-21-0102-33/45</p>	<p>Atraumatic grasping Forceps, single action jaw φ 5 mm</p>  <p>MM-21-0103-33/45</p>	<p>Atraumatic grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0104-33/45</p>
<p>Kelly grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0105-33/45</p>	<p>Grasping Forceps, conical, double action jaw φ 5 mm</p>  <p>MM-21-0106-33/45</p>	<p>Atraumatic grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0107-33/45</p>	<p>Grasping Forceps, fine serrated double action jaw φ 5 mm</p>  <p>MM-21-0108-33/45</p>	<p>Grasping Forceps, heavy serrated single action jaws φ 3 mm</p>  <p>MM-21-0109-33/45</p>
<p>Grasping Forceps, heavy serrated double action jaw φ 5 mm</p>  <p>MM-21-0110-33/45</p>	<p>Atraumatic grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0111-33/45</p>	<p>Biopsy Forceps, single action jaw φ 3 mm</p>  <p>MM-21-0112-33/45</p>	<p>Biopsy Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0113-33/45</p>	<p>Biopsy Forceps, single action jaw φ 3 mm</p>  <p>MM-21-0114-33/45</p>
<p>Biopsy Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0115-33/45</p>	<p>Large spoon Forceps, single action jaw φ 10 mm</p>  <p>MM-21-0116-33/45</p>	<p>Biopsy Forceps, long jaw single action jaw φ 5 mm</p>  <p>MM-21-0117-33/45</p>	<p>Biopsy Forceps, with thorn long jaw single action jaw φ 5 mm</p>  <p>MM-21-0118-33/45</p>	<p>Biopsy Forceps, with teeth single action jaw φ 3 mm</p>  <p>MM-21-0119-33/45</p>
<p>Biopsy Forceps, with teeth double action jaw φ 5 mm</p>  <p>MM-21-0120-33/45</p>	<p>Fenestrated Forceps, heavy serrated, double action jaw φ 5 mm</p>  <p>MM-21-0121-33/45</p>	<p>Fenestrated Forceps, fine serrated, double action jaw φ 5 mm</p>  <p>MM-21-0122-33/45</p>	<p>Grasping Forceps, serrated spoon single action jaw φ 5 mm</p>  <p>MM-21-0123-33/45</p>	<p>Grasping Forceps, serrated 2x3 teeth single action jaw φ 5 mm</p>  <p>MM-21-0124-33/45</p>
<p>Maryland Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0125-33/45</p>	<p>Mixer Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0126-33/45</p>	<p>Hook Scissor single action jaw φ 5 mm</p>  <p>MM-21-0127-33/45</p>	<p>Scissors single action jaw φ 5 mm</p>  <p>MM-21-0128-33/45</p>	<p>Metzenbaum Scissors Straight double action jaw φ 5 mm</p>  <p>MM-21-0129-33/45</p>
<p>Metzenbaum Scissors left curved double action jaw φ 5 mm</p>  <p>MM-21-0130-33/45</p>	<p>Micro Scissors single action jaw φ 5 mm</p>  <p>MM-21-0131-33/45</p>	<p>Large Operating Scissors φ 10 mm</p>  <p>MM-21-0132-33/45</p>	<p>Babcock Clamp double action jaw φ 5 mm</p>  <p>MM-21-0133-33/45</p>	
<p>Babcock spezial jaw double action jaw φ 10 mm</p>  <p>MM-21-0134-33/45</p>	<p>Duval Clamp double action jaw φ 10 mm</p>  <p>MM-21-0135-33/45</p>		<p>Allis Clamp double action jaw φ 5 mm</p>  <p>MM-21-0136-33/45</p>	
<p>DeBaKey Clamp double action jaw φ 5 mm</p>  <p>MM-21-0137-33/45</p>		<p>Pennington Clamp double action jaw φ 5 mm</p>  <p>MM-21-0138-33/45</p>		<p>Biopsy Punch single action jaw φ 5 mm</p>  <p>MM-21-0139-33/45</p>
<p>Biopsy Punch with thorn single action jaw φ 5 mm</p>  <p>MM-21-0140-33/45</p>	<p>Hook Punch single action jaw φ 5 mm</p>  <p>MM-21-0141-33/45</p>	<p>Grasping Forceps serrated single action jaw φ 3 mm</p>  <p>MM-21-0142-33/45</p>	<p>Grasping Forceps serrated double action jaw φ 5 mm</p>  <p>MM-21-0143-33/45</p>	<p>Tapered grasping Forceps single action jaw φ 3 mm</p>  <p>MM-21-0144-33/45</p>

<p>Tapered Forceps double action jaw φ 5 mm</p>  <p>MM-21-0145-33/45</p>	<p>Delphin nose Forceps double action jaw φ 5 mm</p>  <p>MM-21-0146-33/45</p>	<p>Fundus Forceps double action jaw φ 5 mm</p>  <p>MM-21-0147-33/45</p>	<p>Claw Forceps single action jaw φ 5 mm</p>  <p>MM-21-0148-33/45</p>	<p>Atraumatic Clamp double action jaw φ 5 mm</p>  <p>MM-21-0149-33/45</p>
<p>Atraumatic Clamp double action jaw φ 10 mm</p>  <p>MM-21-0150-33/45</p>		<p>Dorsey Clamp double action jaw φ 5 mm</p>  <p>MM-21-0151-33/45</p>	<p>Needle holde φ 5 mm</p>  <p>MM-21-0152-33/45</p>	<p>Micro Forceps φ 5 mm</p>  <p>MM-21-0153-33/45</p>
<p>Dessector, serrated φ 5 mm</p>  <p>MM-21-0154-33/45</p>	<p>Dessector, serrated strong curve φ 5 mm</p>  <p>MM-21-0155-33/45</p>	<p>Grasping Forceps, blunt double action jaw φ 5 mm</p>  <p>MM-21-0156-33/45</p>	<p>Mixer grasping Forceps, 45° angle double action jaw φ 10 mm</p>  <p>MM-21-0157-33/45</p>	<p>Fenestrated Atraumatic Clamp double action jaw φ 5 mm</p>  <p>MM-21-0158-33/45</p>
<p>Atraumatic Grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0159-33/45</p>	<p>Delphin nose, short double action jaw φ 5 mm</p>  <p>MM-21-0160-33/45</p>	<p>Delphin nose, long double action jaw φ 5 mm</p>  <p>MM-21-0161-33/45</p>	<p>Grasping Forceps, Alligator double action jaw φ 5 mm</p>  <p>MM-21-0162-33/45</p>	<p>Metzenbaum Scissors straight φ 5 mm</p>  <p>MM-21-0163-33/45</p>
<p>Metzenbaum Scissors curved φ 5 mm</p>  <p>MM-21-0164-33/45</p>	<p>Metzenbaum Scissors straight serrated φ 5 mm</p>  <p>MM-21-0165-33/45</p>	<p>Metzenbaum Scissors curved serrated φ 5 mm</p>  <p>MM-21-0166-33/45</p>	<p>DeBakey Forceps double action jaw φ 5 mm</p>  <p>MM-21-0167-33/45</p>	<p>Kocher Forceps 40 mm jaw double action jaw φ 10 mm</p>  <p>MM-21-0168-33/45</p>
<p>Carbide needle holder 10 mm jaw φ 5 mm</p>  <p>MM-21-0169-33/45</p>	<p>Carbide needle holder 8 mm jaw φ 5 mm</p>  <p>MM-21-0170-33/45</p>	<p>Grasping Forceps, single action jaw φ 10 mm</p>  <p>MM-21-0171-33/45</p>	<p>Claw Forceps, single action jaw φ 10 mm</p>  <p>MM-21-0172-33/45</p>	<p>Operating Scissors φ 10 mm</p>  <p>MM-21-0173-33/45</p>
<p>Metzenbaum Scissors double action jaw φ 10 mm</p>  <p>MM-21-0174-33/45</p>	<p>Peritoneal Scissors single action jaw φ 5 mm</p>  <p>MM-21-0175-33/45</p>	<p>Metzenbaum Scissors serrated φ 5 mm</p>  <p>MM-21-0176-33/45</p>	<p>Atraumatic Grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0177-33/45</p>	<p>Crocodile Grasping Forceps, double action jaw φ 5 mm</p>  <p>MM-21-0178-33/45</p>
<p>Hook electrode 260 mm φ 5 mm</p>  <p>MM-21-0179-33/45</p>	<p>J-Hook electrode 260 mm φ 5 mm</p>  <p>MM-21-0180-33/45</p>	<p>Allis Atraumatic Grasping Forceps φ 5 mm</p>  <p>MM-21-0181-33/45</p>	<p>Hook electrode with angled shaft φ 5 mm</p>  <p>MM-21-0182-33/45</p>	<p>Electrode with angled shaft φ 5 mm</p>  <p>MM-21-0183-33/45</p>
<p>J-Hook electrode with angled shaft φ 5 mm</p>  <p>MM-21-0184-33/45</p>	<p>Metzenbaum Scissors angled shaft single action jaw φ 5 mm</p>  <p>MM-21-0185-33/45</p>	<p>Peritoneal Scissors angled shaft single action jaw φ 5 mm</p>  <p>MM-21-0186-33/45</p>	<p>Micro preparation Scissors angled shaft single action jaw φ 5 mm</p>  <p>MM-21-0187-33/45</p>	<p>Cobra Grasping Forceps with teeth angled shaft double action jaw φ 5 mm</p>  <p>MM-21-0188-33/45</p>
<p>Atraumatic Grasping Forceps angled shaft double action jaw φ 5 mm</p>  <p>MM-21-0189-33/45</p>	<p>Babcock/allis grasping Forceps angled shaft double action jaw φ 5 mm</p>  <p>MM-21-0190-33/45</p>	<p>Duval Grasping Forceps angled shaft double action jaw φ 10 mm</p>  <p>MM-21-0191-33/45</p>	<p>Alligator Grasping Forceps angled shaft double action jaw φ 5 mm</p>  <p>MM-21-0192-33/45</p>	<p>Atraumatic Grasping Forceps angled shaft double action jaw φ 5 mm</p>  <p>MM-21-0193-33/45</p>
<p>Biopsy Punch single action jaw φ 3 mm</p>  <p>MM-21-0194-33/45</p>	<p>Kocher Forceps 60 mm jaw double action jaw φ 10 mm</p>  <p>MM-21-0195-33/45</p>	<p>Hook Scissors single action jaw φ 3mm</p>  <p>MM-21-0196-33/45</p>	<p>Metzenbaum Scissors left curved double action jaw φ 10 mm</p>  <p>MM-21-0197-33/45</p>	<p>Atraumatic grasping Forceps, double action jaw φ 3 mm</p>  <p>MM-21-0198-33/45</p>

<p>Alligator Forceps, double action jaw φ 3 mm</p>  <p>MM-21-0199-33/45</p>	 <p>MM-21-0200-33/45</p>	<p>Grasping Forceps,serrated, 2x3 teeth single action jaw φ 10 mm</p>  <p>MM-21-0201-33/45</p>	<p>Maryland Forceps, double action jaw φ 10 mm</p>  <p>MM-21-0202-33/45</p>	<p>Mixer Forceps, double action jaw φ 10 mm</p>  <p>MM-21-01203-33/45</p>
<p>Babcock Clamp double action jaw φ 10 mm</p>  <p>MM-21-0204-33/45</p>		<p>Allis Clamp double action jaw φ 10 mm</p>  <p>MM-2-0205-33/45</p>		
<p>DeBakey Clamp double action jaw φ 10 mm</p>  <p>MM-2-206-33/45</p>	<p>Pennington Clamp double action jaw φ 10 mm</p>  <p>MM-21-0207-33/45</p>		<p>Needle holder φ 3 mm</p>  <p>MM-21-0208-33/45</p>	
<p>Claw Forceps,single action jaw φ 10 mm</p>  <p>MM-21-0209-33/45</p>	<p>Biopsy Punch single action jaw φ 3 mm</p>  <p>MM-21-0210-33/45</p>	<p>Fenestrated Forceps,fine serrated,double action jaw</p>  <p>MM-21-0211-37/45</p>		

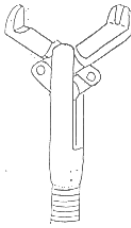

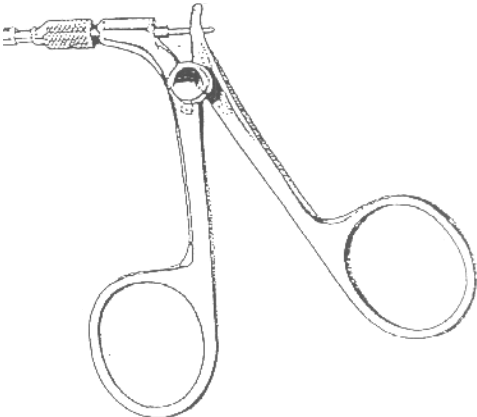
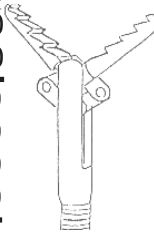

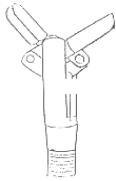
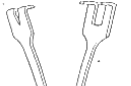

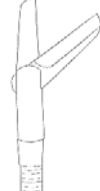
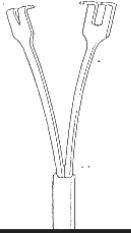


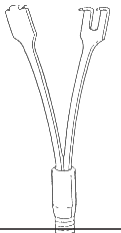
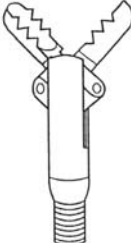
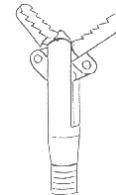
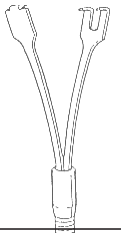

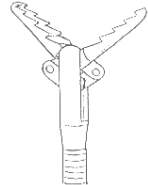
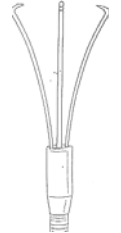

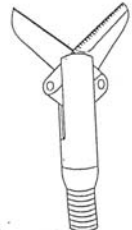
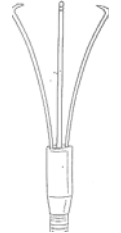



Artical-No.:  
 Ø in mm  
 length in cm  
 100---18-----120



MM-23-901-00-011

<p>Large oval spoon with window          MM-23-100-16-120          MM-23-100-16-160          MM-23-100-16-180          MM-23-100-16--220</p>	<p>short oval spoon with window+Thorn          MM-23-102-18-120          MM-23-102-18-160          MM-23-102-18-180          MM-23-102-18-220</p>	<p>short oval spoon with thorn          MM-23-103-18-120          MM-23-103-18-160          MM-23-103-18-180          MM-23-103-18-220</p>
<p>MM-23-100-18-120          MM-23-100-18-160          MM-23-100-18-180          MM-23-100-18--220</p>	<p>MM-23-102-21-120          MM-23-102-21-160          MM-23-102-21-180          MM-23-102-21-220</p>	<p>MM-23-103-21-120          MM-23-103-21-160          MM-23-103-21-180          MM-23-103-21-220</p>
<p>MM-23-100-21-120          MM-23-100-21-160          MM-23-100-21-180          MM-23-100-21--220</p>	<p>MM-23-102-23-120          MM-23-102-23-160          MM-23-102-23-180          MM-23-102-23-220</p>	<p>MM-23-103-23-120          MM-23-103-23-160          MM-23-103-23-180          MM-23-103-23-220</p>
<p>MM-23-100-23-120          MM-23-100-23-160          MM-23-100-23-180          MM-23-100-23-220</p>	<p>MM-23-102-25-120          MM-23-102-25-160          MM-23-102-25-180          MM-23-102-25-220</p>	<p>MM-23-103-25-120          MM-23-103-25-160          MM-23-103-25-180          MM-23-103-25-220</p>
<p>Large oval spoon with thorn          MM-23-101-18-120          MM-23-101-18-160          MM-23-101-18-180          MM-23-101-18-220</p>	<p>MM-23-102-30-120          MM-23-102-30-160          MM-23-102-30-180          MM-23-102-30-220</p>	<p>MM-23-103-30-120          MM-23-103-30-160          MM-23-103-30-180          MM-23-103-30-220</p>
<p>MM-23-101-21-120          MM-23-101-21-160          MM-23-101-21-180          MM-23-101-21-220</p>	<p>MM-23-102-34-120          MM-23-102-34-160          MM-23-102-34-180          MM-23-102-34-220</p>	<p>MM-23-103-34-120          MM-23-103-34-160          MM-23-103-34-180          MM-23-103-34-220</p>
<p>MM-23-101-23-120          MM-23-101-23-160          MM-23-101-23-180          MM-23-101-23-220</p>	<p>oval spoon with teeth          MM-23-105-30-120          MM-23-105-30-160          MM-23-105-30-180          MM-23-105-30-220</p>	<p>round spoon with thorn          MM-23-107-23-120          MM-23-107-23-160          MM-23-107-23-180          MM-23-107-23-220</p>
<p>Allgator mouth          MM-23-104-23-120          MM-23-104-23-160          MM-23-104-23-180          MM-23-104-23-220</p>	<p>round spoon with window          MM-23-106-23-120          MM-23-106-23-160          MM-23-106-23-180          MM-23-106-23-220</p>	<p>MM-23-107-23-120          MM-23-107-23-160          MM-23-107-23-180          MM-23-107-23-220</p>

<p>Grasping Forceps 2:1 teeth  MM-23-108-18-120  MM-23-108-18-160  MM-23-108-18-180  MM-23-108-18-220</p> <hr/> <p>MM-23-108-23-120  MM-23-108-23-160  MM-23-108-23-180  MM-23-108-23-220</p> <hr/> <p>MM-23-108-30-120  MM-23-108-30-160  MM-23-108-30-180  MM-23-108-30-220</p>		<p>Grasping Forceps Serr.  MM-23-113-18-120  MM-23-113-18-160  MM-23-113-18-180  MM-23-113-18-220</p> <hr/> <p>MM-23-113-23-120  MM-23-113-23-160  MM-23-113-23-180  MM-23-113-23-220</p>		 <p>MM-23-100-11-000</p>	
<p>Alligator mouth  MM-23-109-18-120  MM-23-109-18-160  MM-23-109-18-180  MM-23-109-18-220</p> <hr/> <p>MM-23-109-23-120  MM-23-109-23-160  MM-23-109-23-180  MM-23-109-23-220</p> <hr/> <p>MM-23-109-30-120  MM-23-109-30-160  MM-23-109-30-180  MM-23-109-30-220</p>		<p>Grasp. Forc. 2.3 mm  MM-23-114-23-120  MM-23-114-23-160  MM-23-114-23-180  MM-23-114-23-220</p>		<p>oval spoon  MM-23-200-10-040  MM-23-200-14-040  MM-23-200-16-040  MM-23-200-21-040  MM-23-200-23-040  MM-23-200-30-040</p>	
<p>Grasping Forceps 2:2 Teeth  MM-23-110-18-120  MM-23-110-18-160  MM-23-110-18-180  MM-23-110-18-220</p>		<p>Suture punch 2,3 mm  MM-23-116-23-120  MM-23-116-23-160  MM-23-116-23-180  MM-23-116-23-220</p>		<p>Scissors single action  MM-23-201-16-040  MM-23-201-21-040  MM-23-201-23-040  MM-23-201-30-040</p>	
<p>Grasping Forceps 2:2 Teeth  MM-23-110-23-120  MM-23-110-23-160  MM-23-110-23-180  MM-23-110-23-220</p>		<p>Scissors  MM-23-117-23-120  MM-23-117-23-160  MM-23-117-23-180  MM-23-117-23-220</p>		<p>Hook scissors single action  MM-23-202-23-040  MM-23-202-30-040</p>	
<p>Grasping Forceps 2:1 teeth  MM-23-111-18-120  MM-23-111-18-160  MM-23-111-18-180  MM-23-111-18-220</p>		<p>Long oval spoon with teeth  MM-23-118-18-120  MM-23-118-18-160  MM-23-118-18-180  MM-23-118-18-220</p>		<p>oval spoon with teeth  MM-23-203-16-040  MM-23-203-21-040  MM-23-203-23-040  MM-23-203-30-040</p>	
<p>Grasping Forceps 2:1 teeth  MM-23-111-23-120  MM-23-111-23-160  MM-23-111-23-180  MM-23-111-23-220</p>		<p>MM-23-118-23-120  MM-23-118-23-160  MM-23-118-23-180  MM-23-118-23-220</p>		<p>Alligator Mouth  MM-23-204-10-040  MM-23-204-14-040  MM-23-204-16-040  MM-23-204-23-040  MM-23-204-30-040</p>	
<p>Grasping Forceps 2.3 mm  MM-23-112-10-120  MM-23-112-10-160  MM-23-112-10-180  MM-23-112-10-220</p>		<p>V-form spoon with teeth  MM-23-119-23-120  MM-23-119-23-160  MM-23-119-23-180  MM-23-119-23-220</p>		<p>Scissors double action  MM-23-205-23-040</p>	
<p>MM-23-112-18-120  MM-23-112-18-160  MM-23-112-18-180  MM-23-112-18-220</p> <hr/> <p>MM-23-112-23-120  MM-23-112-23-160  MM-23-112-23-180  MM-23-112-23-220</p>		<p>PE-Forceps 2.3/3.0 round  MM-23-120-30-120  MM-23-120-30-160  MM-23-120-30-180  MM-23-120-30-220</p>			

**Injection needle** needle length 4 mm  
in Teflon hose

Length	Tube $\phi$	Needle $\phi$	Order No..
120	1,8	0,60	MM-23-130-18-120
160	1,8	0,60	MM-23-130-18-160
180	1,8	0,60	MM-23-130-18-180
220	1,8	0,60	MM-23-130-18-220
120	2,0	0,60	MM-23-130-20-120
160	2,0	0,60	MM-23-130-20-160
180	2,0	0,60	MM-23-130-20-180
220	2,0	0,60	MM-23-130-20-220
120	2,3	0,70	MM-23-130-23-120
160	2,3	0,70	MM-23-130-23-160
180	2,3	0,70	MM-23-130-23-180
220	2,3	0,70	MM-23-130-23-220



**Injection needle** needle length 6 mm  
in Teflon hose

Length	Tube $\phi$	Needle $\phi$	Order No..
120	1,8	0,60	MM-23-131-18-120
160	1,8	0,60	MM-23-131-18-160
180	1,8	0,60	MM-23-131-18-180
220	1,8	0,60	MM-23-131-18-220
120	2,0	0,60	MM-23-131-20-120
160	2,0	0,60	MM-23-131-20-160
180	2,0	0,60	MM-23-131-20-180
220	2,0	0,60	MM-23-131-20-220
120	2,3	0,70	MM-23-131-23-120
160	2,3	0,70	MM-23-131-23-160
180	2,3	0,70	MM-23-131-23-180
220	2,3	0,70	MM-23-131-23-220

**Injection needle** needle length 4 mm  
in Teflon hose with rinse fitting

Length	Tube $\phi$	Needle $\phi$	Order No..
120	1,8	0,60	MM-23-132-18-120
160	1,8	0,60	MM-23-132-18-160
180	1,8	0,60	MM-23-132-18-180
220	1,8	0,60	MM-23-132-18-220
120	2,0	0,60	MM-23-132-20-120
160	2,0	0,60	MM-23-132-20-160
180	2,0	0,60	MM-23-132-20-180
220	2,0	0,60	MM-23-132-20-220
120	2,3	0,70	MM-23-132-23-120
160	2,3	0,70	MM-23-132-23-160
180	2,3	0,70	MM-23-132-23-180
220	2,3	0,70	MM-23-132-23-220



**Injection needle** needle length 6 mm  
in Teflon hose with rinse fitting

Length	Tube $\phi$	Needle $\phi$	Order No..
120	1,8	0,60	MM-23-133-18-120
160	1,8	0,60	MM-23-133-18-160
180	1,8	0,60	MM-23-133-18-180
220	1,8	0,60	MM-23-133-18-220
120	2,0	0,60	MM-23-133-20-120
160	2,0	0,60	MM-23-133-20-160
180	2,0	0,60	MM-23-133-20-180
220	2,0	0,60	MM-23-133-20-220
120	2,3	0,70	MM-23-133-23-120
160	2,3	0,70	MM-23-133-23-160
180	2,3	0,70	MM-23-133-23-180
220	2,3	0,70	MM-23-133-23-220

**Injection needle** needle length 4 mm  
in Metall Tube Metall Point

Length	Tube $\phi$	Needle $\phi$	Order No..
120	1,8	0,60	MM-23-134-18-120
160	1,8	0,60	MM-23-134-18-160
180	1,8	0,60	MM-23-134-18-180
220	1,8	0,60	MM-23-134-18-220
120	2,0	0,60	MM-23-134-20-120
160	2,0	0,60	MM-23-134-20-160
180	2,0	0,60	MM-23-134-20-180
220	2,0	0,60	MM-23-134-20-220
120	2,3	0,70	MM-23-134-23-120
160	2,3	0,70	MM-23-134-23-160
180	2,3	0,70	MM-23-134-23-180
220	2,3	0,70	MM-23-134-23-220

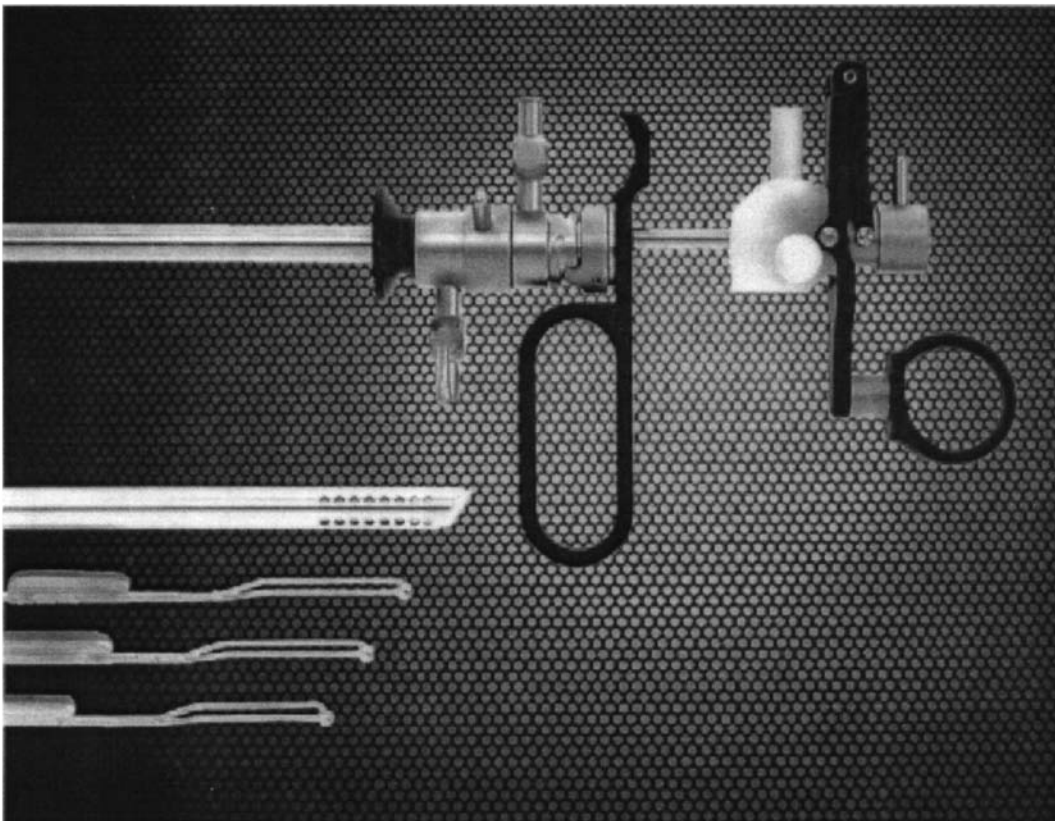


**Injection needle** needle length 6 mm  
in Metall Tube Metall Point

Length	Tube $\phi$	Needle $\phi$	Order No..
120	1,8	0,60	MM-23-135-18-120
160	1,8	0,60	MM-23-135-18-160
180	1,8	0,60	MM-23-135-18-180
220	1,8	0,60	MM-23-135-18-220
120	2,0	0,60	MM-23-135-20-120
160	2,0	0,60	MM-23-135-20-160
180	2,0	0,60	MM-23-135-20-180
220	2,0	0,60	MM-23-135-20-220
120	2,3	0,70	MM-23-135-23-120
160	2,3	0,70	MM-23-135-23-160
180	2,3	0,70	MM-23-135-23-180
220	2,3	0,70	MM-23-135-23-220



# Urology-Gynecology



## Resectoscopes



MM-25-U-2700-P Working element, passive cutting by spring action, closed handle electrode is inside the sheath in rest position.

MM-25-U-2700-A Working element, active cutting by finger action, closed handle electrode is outside the sheath in rest position.



MM-25-U-2701-P Working element, passive cutting by spring action, open handle electrode is inside the sheath in rest position.

MM-25-U-2701-A Working element, active cutting by finger action, open handle electrode is outside the sheath in rest position.



MM-25-U-2700 HF-Connection for working elements, length: 300 cm



Resectoscope Sheath for continuous flow, consisting of 3 pieces:

- MM-25-U-2702-A Outer sheath, 27ch. with perforation
- MM-25-U-2702-I Inner sheath, 24 ch. with ceramic isolation
- MM-25-U-2702-O Standard abturator



- MM-25-U-2702-B Deflecting abturator, for 24 ch. sheaths (MM-25-U-2702)
- MM-25-U-2703-B Deflecting abturator, for 27 ch. sheaths (MM-25-U-2703)

- MM-25-U-2702-S Visual abturator, for use with 24 ch. sheaths
- MM-25-U-2703-S Visual abturator, for use with 27 ch. sheaths



- MM-25-U-2702-Z Res., cope sheath with central valve, 24 ch. w.stand. abturator (MM-25-U-2702-O)
- MM-25-U-2703-Z Res., cope sheath with central valve, 27 ch. w.stand. abturator (MM-25-U-2703-O)

## Electrodes



MM-25-U-2301 Vaporisation electrode, 24 ch



MM-25-U-2302 Roller.ball electrode, 24 ch



MM-25-U-2303 Knife electrode, 24 ch



MM-25-U-2304 Cutting-loop, straight,24 ch



MM-25-U-2305 Cutting-loop,angled, 24 ch

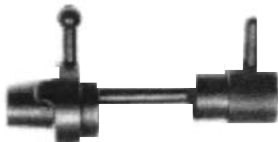


MM-25-U-2306 Conical electrode,24 ch

## Cystoscope-Urethroscopes



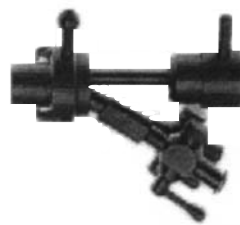
- MM-25-U-2619 Urethroscope sheath, 17 ch., with abturator
- MM-25-U-2621 Urethroscope sheath, 19 ch., with abturator
- MM-25-U-2623 Urethroscope sheath 21 ch., with abturator
- Urethroscope sheath, 23 ch., with abtorator



MM-25-U-0100  
Telescope bridge



MM-25-U-0101  
Telescope bridge with  
1 Instrument channe

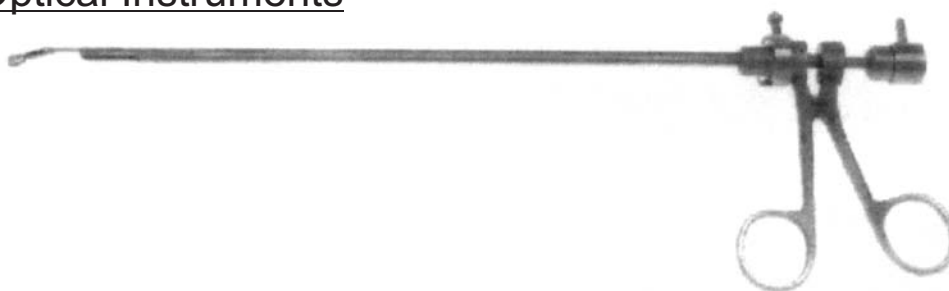


MM-25-U-0102  
Telescope bridge with  
2 Instrument channelsl



MM-25-U-2401 Catheter deflecting Mechanism with 1 Instrument channel with ratchet  
 MM-25-U-2402 Catheter deflecting Mechanism with 2 Instrument channel with ratchet

Optical Instruments



MM-25-U-2501 Biopsy Forceps, double action jaws



MM-25-U-2502 Grasping Forceps, double action jaws



MM-25-U-2503 Biopsy punch, through-cutting double action jaws



MM-25-U-2504 Hook scissors, double action jaws



MM-25-U-2505 Biopsy Forceps, down, double action jaws



MM-25-U-2506 Stone Punch for use with 25 ch. sheaths



MM-25-U-2850 Operating sheath 7 mm  $\Phi$  with 2 stop cocks rotatable, with distance holder and 1 instrument channel

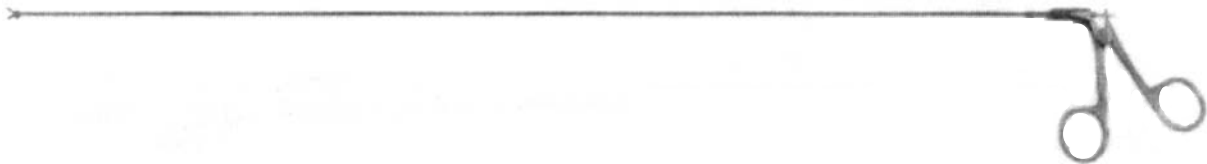
MM-25-U-2840 Diagnostic sheath 5 mm  $\Phi$  graduated 1 stop cocks fixed, with distance holder and obturator



MM-25-U-2810 Sheath, with continuous flow, 5 mm  
MM-25-U-2820 Sheath, with 1 Instrument channel, 7 ch. 7 mm  
MM-25-U-2830 Sheath, with 2 Instrument channel, 7 ch. 8 mm

# Flexible Instruments

7 ch., Working length: 40 cm



MM-25-U-29230 Biopsy forceps, double action jaws



MM-25-U-29231 Grasping forceps, double action jaws



MM-25-U-29232 Scissors, single action jaws

# Evacuator



MM-25-U-29330 Evacuator complete

MM-25-U-29331 Glass for MM-25-U-29330

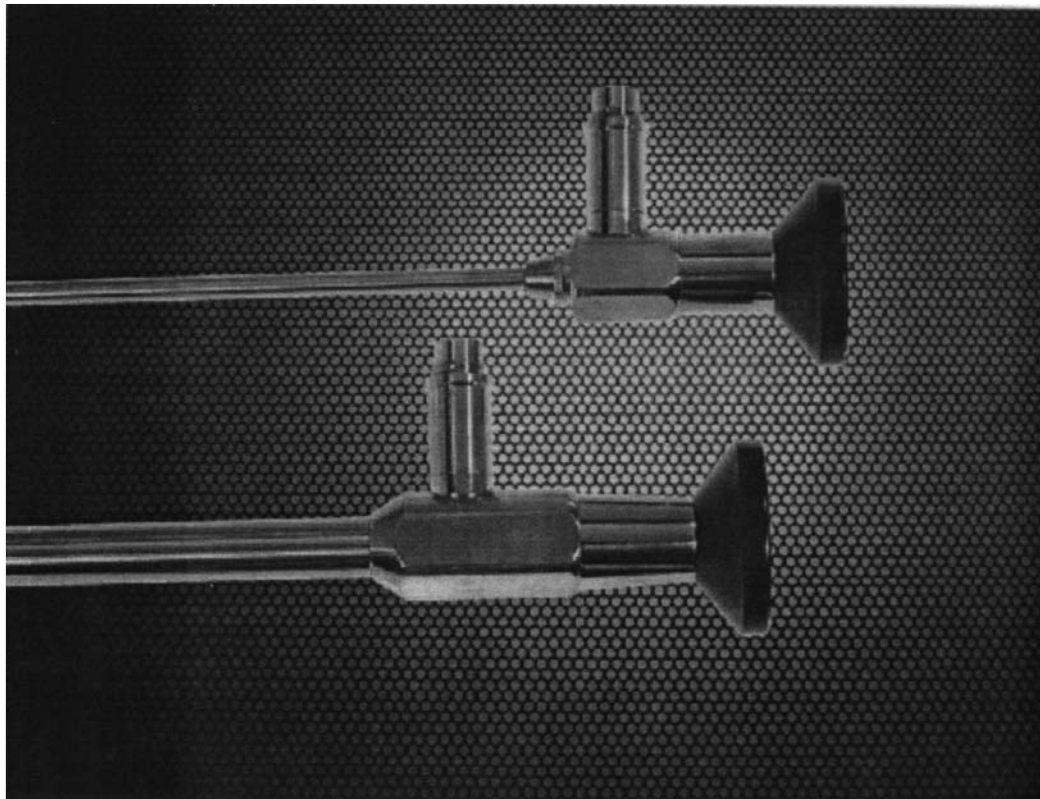
MM-25-U-29332 Rubber ball for MM 25-U-29330

MM-25-U-29333 Rubber hose for MM-25-U-29330

MM-25-U-29334 Connection for MM-25-U-29330



# Medical Endoscopes



Our endoscopes have a very fine finish and a high quality.

Our endoscopes were checked 100 % before delivered.

Our endoscopes are manufactured completely in Germany.

Because of our high quality we give a 1 year guaranty.

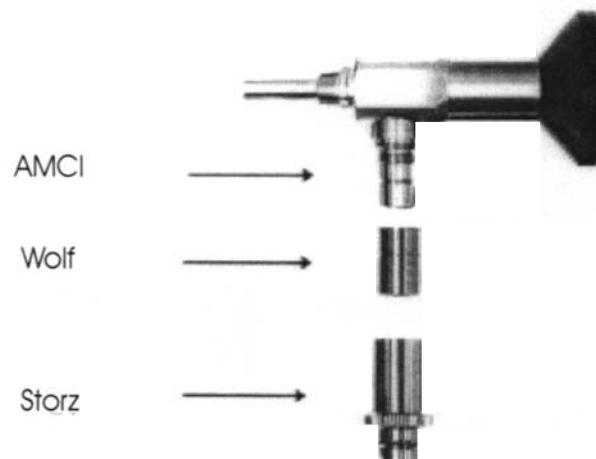
Our customer service includes a repair service for our endoscopes and other products with a delivery time of 14 days.

Autoclavable scopes are marked as autoclavable and can be sterilized at 134° Celsius and 2.3 bar.

Our endoscopes will be delivered with ACMI, Storz and Wolf Adaptor.

All our endoscopes with a diameter up to 4 mm will be delivered with a autoclavable safety sheath.

Our endoscopes can also be made in other sizes.



## Laparoscopes



0°

MM-25-L-0100 Laparoscope, 10 mm  $\phi$ , straight forward 0°, soakable

MM-25-L-0100-A Laparoscope, 10 mm  $\phi$ , straight forward 0°, autoclavable

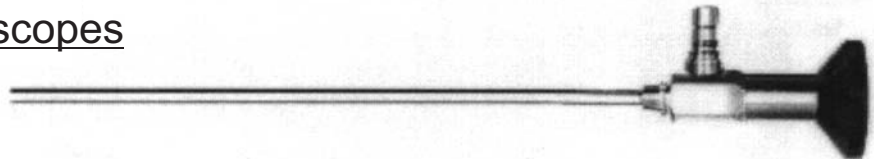


30°

MM-25-L-0103 Laparoscope, 10 mm  $\phi$ , forward-oblique 30°, soakable

MM-25-L-0103-A Laparoscope, 10 mm  $\phi$ , Forward-oblique 30°, autoclavable

## Arthroscopes/Sinuscopes



0°

MM-25-A-0400 Arthroscope/Sinuscope, 4 mm  $\phi$ , straight forward 0°, soakable

MM-25-A-0400-A Arthroscope/Sinuscope, 4 mm  $\phi$ , straight forward 0°, autoclavable



30°

MM-25-A-0430 Arthroscope/Sinuscope, 4 mm  $\phi$ , forward-oblique 30°, soakable

MM-25-A-0430-A Arthroscope/sinuscope, 4 mm  $\phi$ , forward-oblique 30°, autoclavable

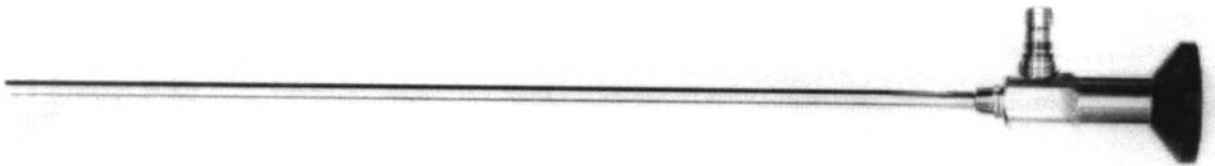


70°

MM-25-A-0470 Arthroscope/Sinuscope, 4 mm  $\phi$ , lateral 70°, soakable

MM-25-A-0470-A Arthroscope/Sinuscope, 4 mm  $\phi$ , lateral 70°, autoclavable

## Cystoscopes/Hysteroscopes



0°

MM-25-C-0400 Cystoscope/Hysteroscope, 4 mm  $\phi$ , straight forward 0°, soakable

MM-25-C-0400-A Cystoscope/Hysteroscope, 4 mm  $\phi$ , straight forward 0°, autoclavable



30°

MM-25-C-0430 Cystoscope/Hysteroscope, 4 mm  $\phi$ , forward-oblique 30°, soakable

MM-25-C-0430-A Cystoscope/Hysteroscope, 4 mm  $\phi$ , Forward-oblique 30°, autoclavable



70°

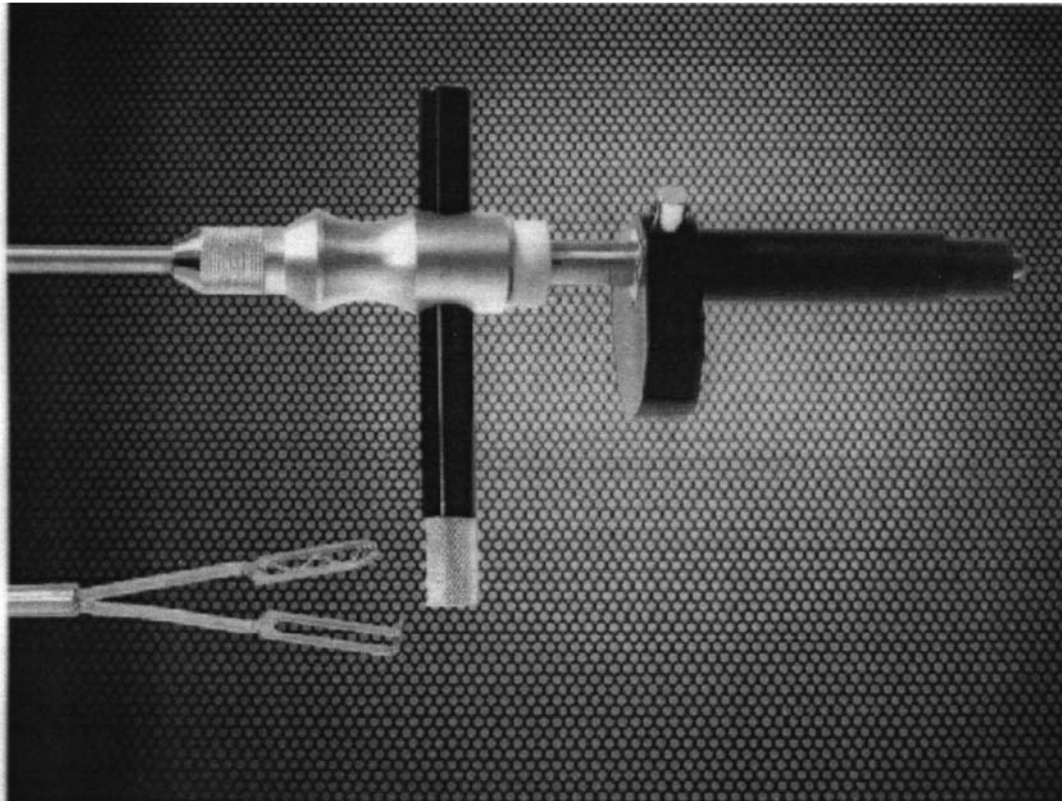
MM-25-C-0470 Cystoscope/Hysteroscope, 4 mm  $\phi$ , lateral 70°, soakable

MM-25-C-0470-A Cystoscope/Hysteroscope, 4 mm  $\phi$ , lateral 70°, autoclavable

Endoscope with 2.7 mm  $\phi$ , on request

# Bipolar Forceps

## Exchangeable



These instrument can be disassembled into 4 pieces for easy cleaning

The electrode can be set in 4 positions ( every 90°)

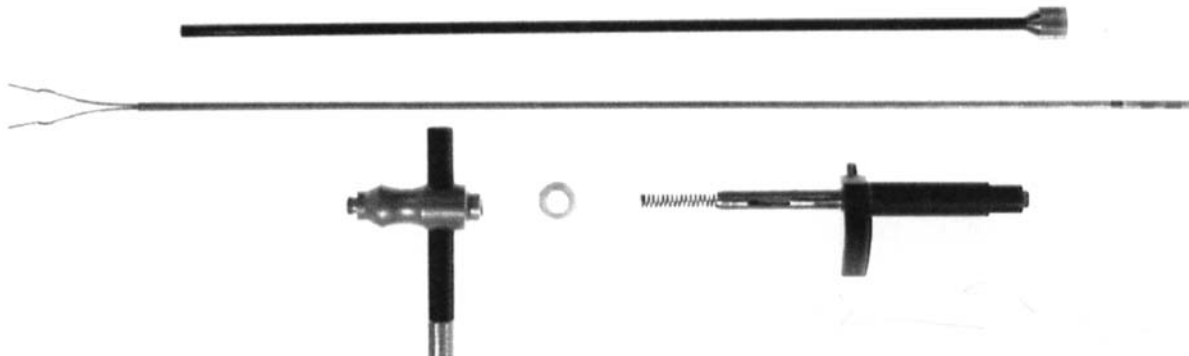
Special setting of the handle, makes it possible to operate right or left handed

All elements of these Forceps, are 100 % compatible, they are very easy to repair ,at low cost

These instruments are completely manufactured in Germany

They have a very high quality performance

Because of our high quality, we give you a 1 year warranty.





- MM-25-2153 Forceps completed, with hook, working length: 33 cm
- MM-25-2154 Forceps completed, with hook, working length: 42 cm
- MM-25-2153-E Electrode only, with hook, working length: 33 cm
- MM-25-2154-E Electrode only, with hook, working length: 42 cm



- MM-25-2143 Forceps completed, without hook, working length: 33 cm
- MM-25-2144 Forceps completed, without hook, working length: 42 cm
- MM-25-2144-E Electrode only, without hook, working length: 33 cm
- MM-25-2144-E Electrode only, without hook, working length: 42 cm



- MM-25-2163 Forceps completed, small jaw, working length: 33 cm
- MM-25-2164 Forceps completed, small jaw, working length: 42 cm
- MM-25-2163-E Electrode only, small jaw, working length: 33 cm
- MM-25-2164-E Electrode only, small jaw, working length: 42 cm



- MM-25-2173 Forceps completed, dolphin jaw, working length: 33 cm
- MM-25-2174 Forceps completed, dolphin jaw, working length: 42 cm
- MM-25-2173-E Electrode only, dolphin jaw, working length: 33 cm
- MM-25-2174-E Electrode only, dolphin jaw, working length: 42 cm



- MM-25-2183 Forceps completed, wide jaw, working length: 33 cm
- MM-25-2184 Forceps completed, wide jaw, working length: 42 mm
- MM-25-2183-E Electrode only, wide jaw, working length: 33 cm
- MM-25-2184-E Electrode only, wide jaw, working length: 42 cm

## Bipolar Cables



MM-25-2100 Connection to Martin and Berchtold units, length: 3mm

MM-25-2101 Connection to Martin and Berchtold units, length: 5mm



MM-25-2102 Connection to Erbe and Select units, length: 3mm

MM-25-2103 Connection to Erbe and Select units, length: 5mm



MM-25-2104 Connection to US units, length: 3mm

MM-25-2105 Connection to US units, length: 5mm

## Spare Parts

MM-25-2100-8 Rubber tip

MM-25-2103-70 Sheath, plastic, 33 cm

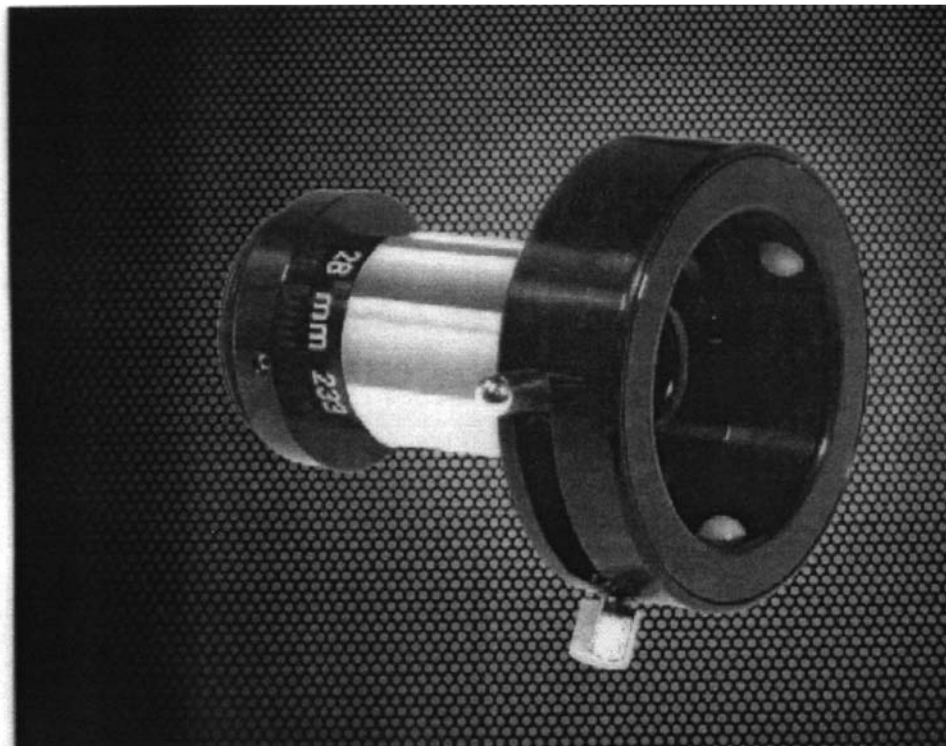
MM-25-2104-70 Sheath, plastic, 42 cm

MM-25-2105-70 Sheath, metal, 33 cm

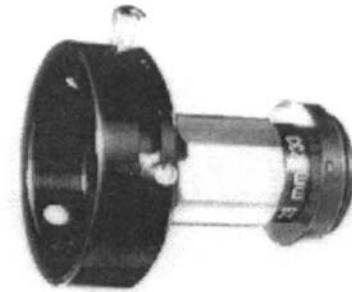
MM-25-2106-70 Sheath, metal, 42 cm



# Objectives-Lenses



## Objective (Lenses), Soachale



For standard eye-pieces, with fixing-screw.

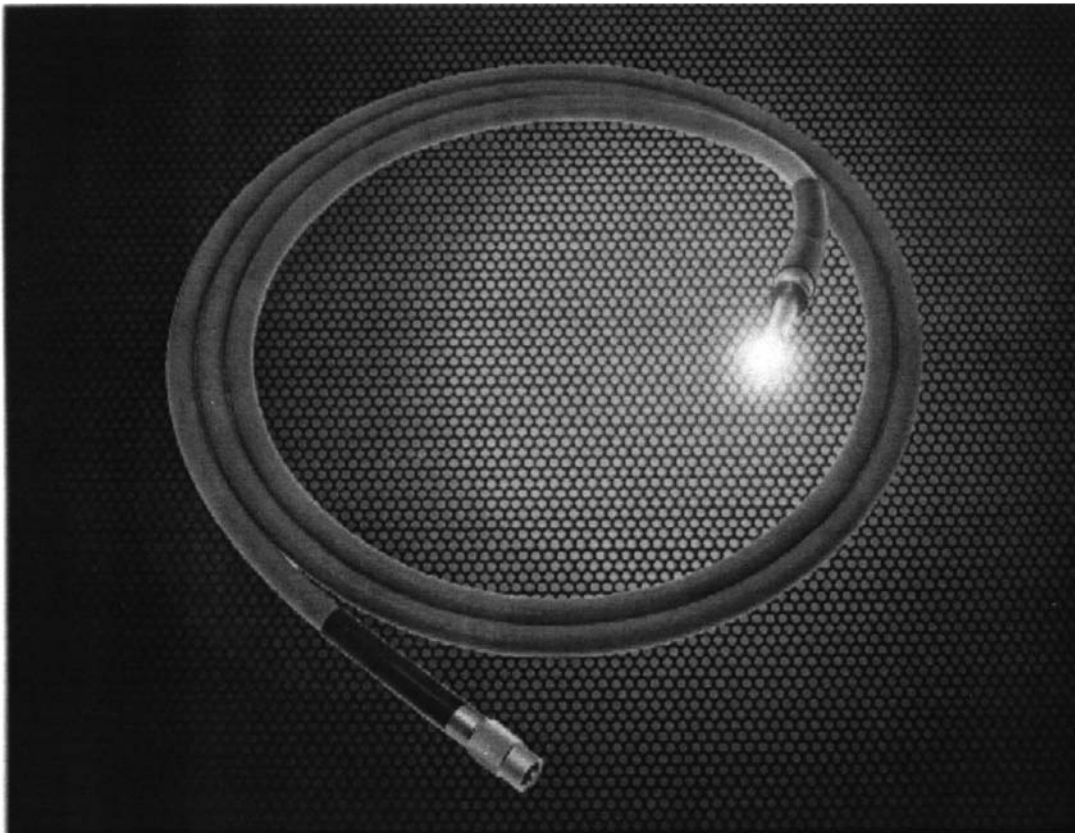
Simple handling by spring-lock for take-off the eye-piece.

With c-mount-thread to the camera head.

MM-25-Z-028	Focusing Lens F = 28 mm
MM-25-Z-035	Focusing Lens F = 35 mm
MM-25-Z-040	Focusing Lens F = 40 mm
MM-25-Z-100	Vario Focusing Lens F = 25 40 mm
MM-25-Z-001	Adaptor-plastics, connection between c-mount and 17 mm thread



# Fluid-Light-Cable



Our Fluid-Light-Cable gives you 100 % more light and a higher color temperature.

No transmission errors with broken fibers.

No fiber glass bundle, but a special fluid medium in a high reflecting and a flexible tube.

Fluid-Light-Cables are only soakable. Do not sterilize them with steam or gas.

## Fluid-Light-Cables

MM-25-Z-5181 Fluid-Light-Cable, 5mm diam., Lenght: 180 cm  
MM-25-Z-5281 Fluid-Light-Cable, 5mm diam., Lenght: 230 cm

## Adaptor

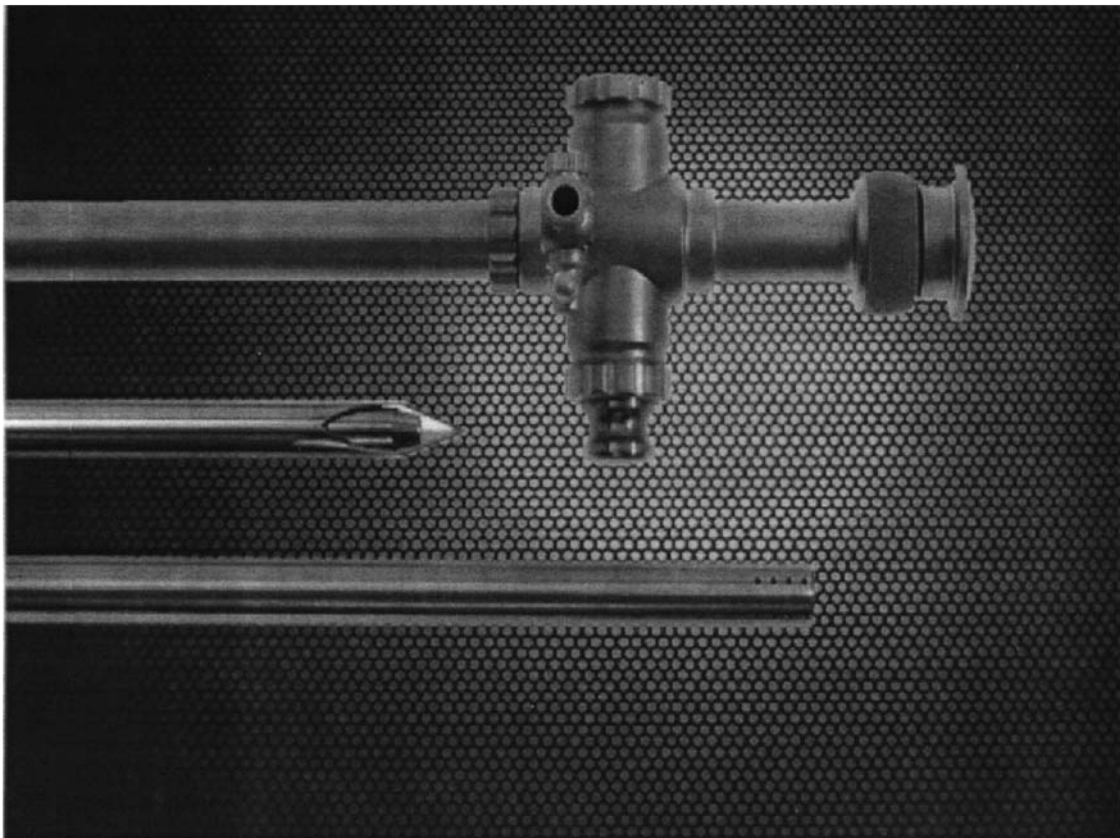









MM-25-Z-5100 Adaptor Projector Storz/Wisap  
MM-25-Z-5101 Adaptor Projector Wolf/Dyonics  
MM-25-Z-5102 Adaptor Projector ACMI  
MM-25-Z-5103 Adaptor Projector Olympus



MM-25-Z-5110 Adaptor Instrument Storz/Olympus/Wisap  
MM-25-Z-5111 Adaptor Instrument Wolf/Dyonics  
MM-25-Z-5110 Adaptor Instrument ACMI

# Trocars, Sleeves, Suction and Irrigation Tubes for Laparoscopy



			
Trocar sleeves with trumpet valve and stop cock for insufflation		Trocar sleeves with trap door valve and stop cock for insufflation	
MM-25-4205	5 mm $\phi$	MM-25-4305	
MM-25-4207	7 mm $\phi$	MM-25-4307	
MM-25-4210	10 mm $\phi$	MM-25-4310	
MM-25-4211	11 mm $\phi$	MM-25-4311	
MM-25-4220	20 mm $\phi$	MM-25-4320	
			
5 mm $\phi$	MM-25-4205-S	MM-25-4205-B	MM-25-4205-K
7 mm $\phi$	MM-25-4207-S	MM-25-4207-B	MM-25-4207-K
10 mm $\phi$	MM-25-4210-S	MM-25-4210-B	MM-25-4210-K
11 mm $\phi$	MM-25-4211-S	MM-25-4211-B	MM-25-4211-K
20 mm $\phi$	MM-25-4220-S	MM-25-4220-B	MM-25-4220-K
			
Safety Trocar			
5 mm $\phi$ MM-25-4205-Z	10 mm $\phi$ MM-25-4210-Z	11 mm $\phi$ MM-25-4211-Z	
			
Reucer sleeves		Dilation sets	
10-5 mm	MM-25-4250	5-10 mm	MM-25-4260
11-5 mm	MM-25-4251	5-11 mm	MM-25-4261
20-5 mm	MM-25-4252	5-20 mm	MM-25-4262
5 mm $\phi$	MM-25-4270	10 mm $\phi$	MM-25-4271
10 mm $\phi$	MM-25-4271	20 mm $\phi$	MM-25-4272

## Suction and Irrigation Tubes



MM-25-4280 Suction and Irrigation Tube, with 2 trumpet valves, Tubes exchangeable valves are to take a part for easy cleaning, complete with 5 mm and 10 mm Tube

## Spare Parts

MM-25-4280-K Tube 5 mm  $\phi$

MM-25-4280-G Tube 10 mm  $\phi$



MM-25-4285 Palpation probe, graduated, 5 mm  $\phi$ , length: 33 cm

MM-25-4286 Palpation probe, graduated, 5 mm  $\phi$ , length: 45 cm



MM-25-4288 Injection needle, with Luer-Lock, 5 mm  $\phi$ , 0.8 mm point

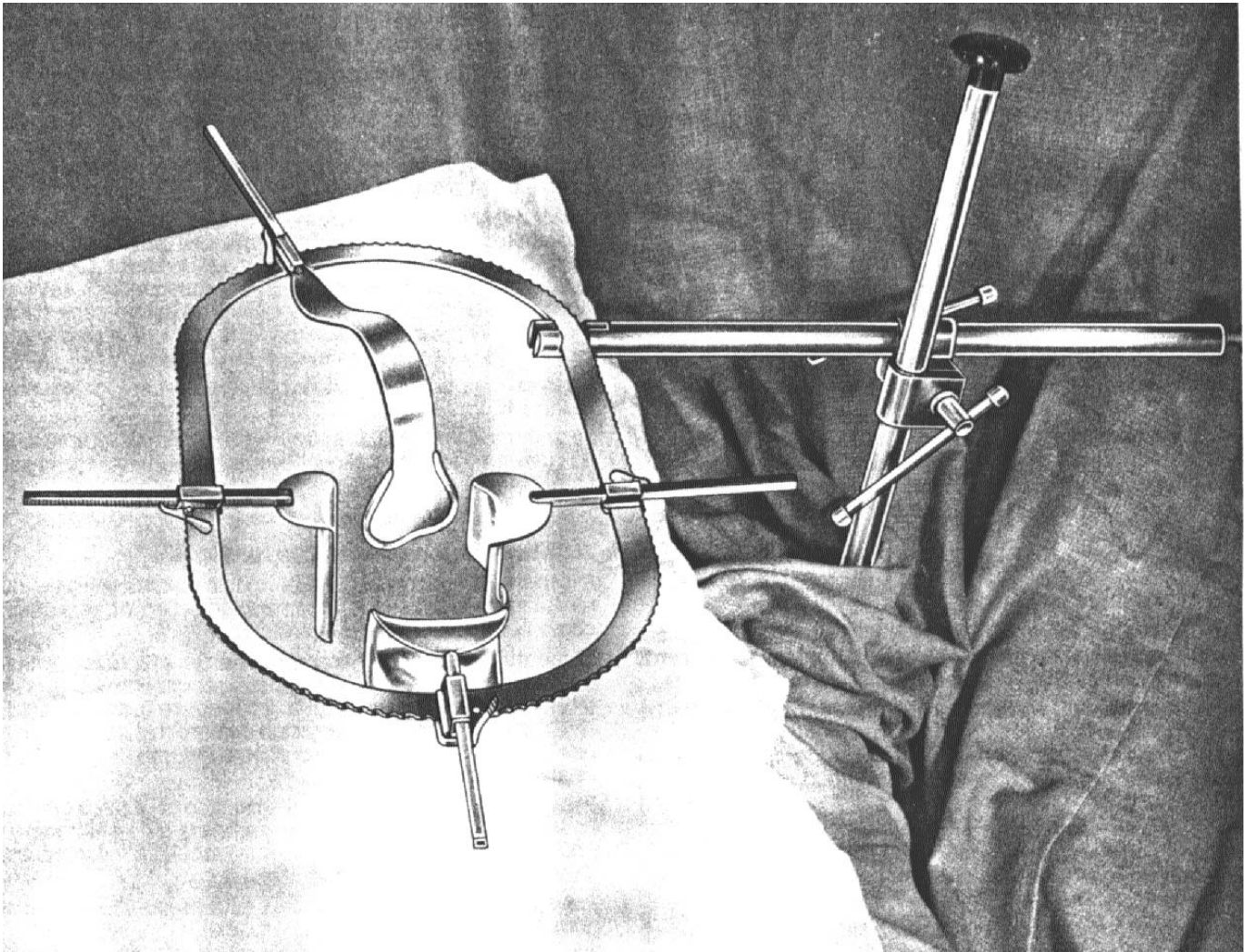
MM-25-4289 Injection needle, with Luer-Lock, 5 mm  $\phi$ , 1.2 mm point

MM-25-4290 Verres insufflation needle, 2.1 mm  $\phi$ , length: 100 mm

MM-25-4291 Verres insufflation needle, 2.1 mm  $\phi$ , length: 120 mm

MM-25-4292 Verres insufflation needle, 2.1 mm  $\phi$ , length: 150 mm

# The CONVERT System



The Convert Retractor System is a new, improved self-retaining retractor system for exposure of the abdominal cavity.



## The Convert System

The Convert Retractor System features a variety of advantages for the user, in comparison to usual abdominal retractor systems, such as the Kirschner or Franz retracting frames.

Installation is simple and uncomplicated and the system can be easily attached to the side rail of the operating table before or even during the operation. No additional clamps or holding devices are necessary, hindering the fixation of required arm or leg supports. This is simply a saving of valuable space and operating time.

To install the system a vertical holding post is clamped onto the side rail over the sterile drapes and may be positioned on either side of the operating table. Sterility is absolutely maintained.

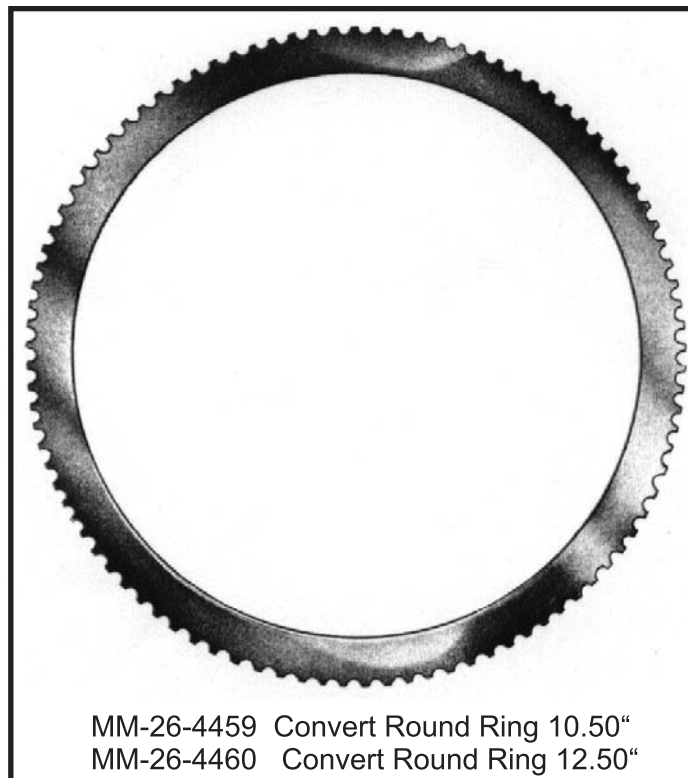
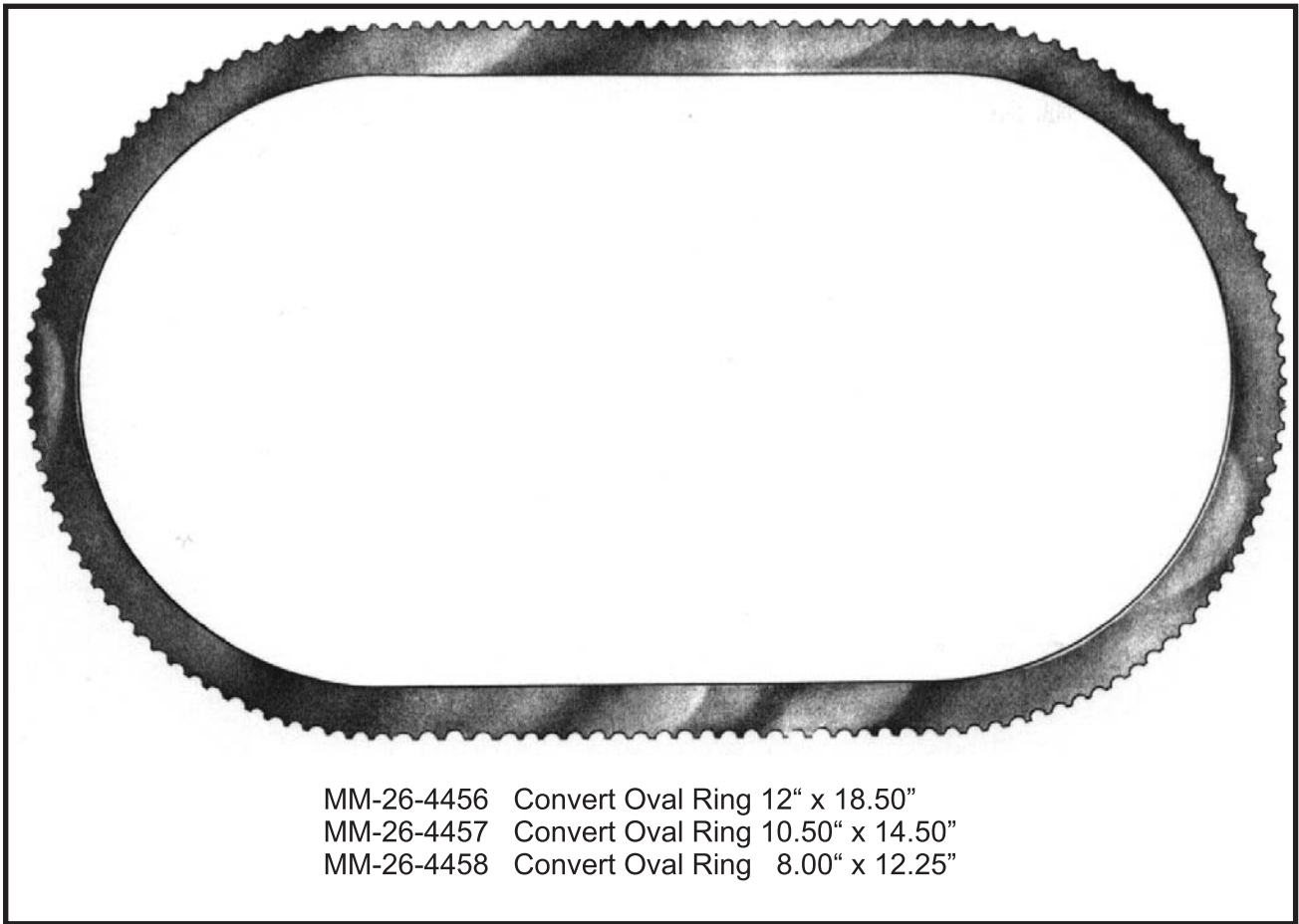
Freedom of movement is guaranteed to the surgeon, due to the versatility and three-dimensional adjustment possibilities of this system.

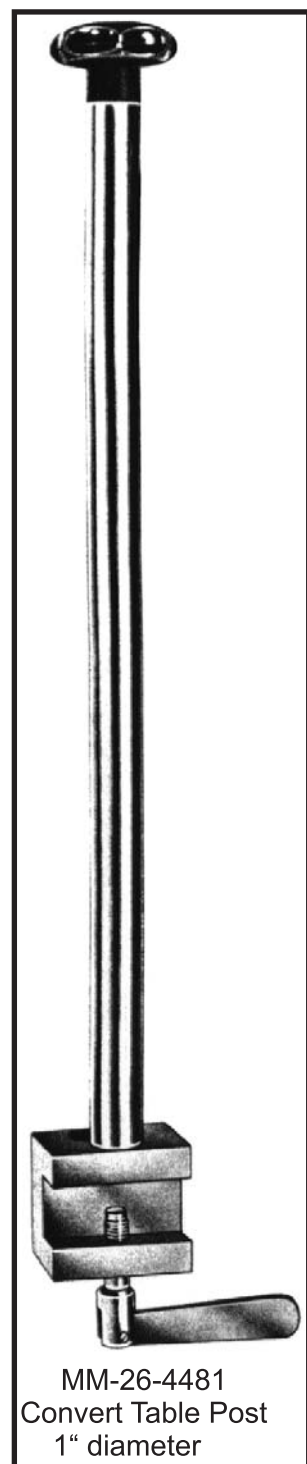
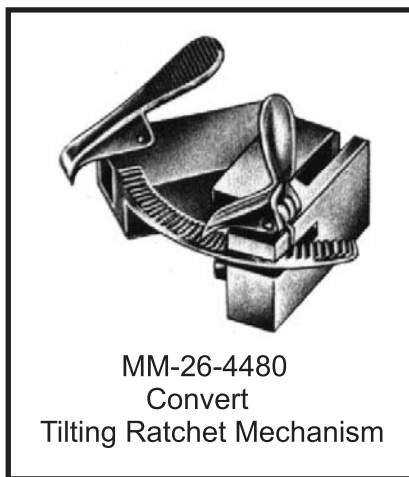
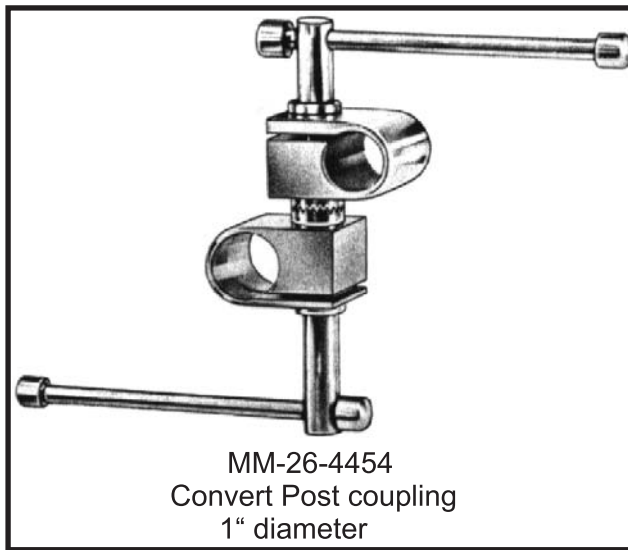
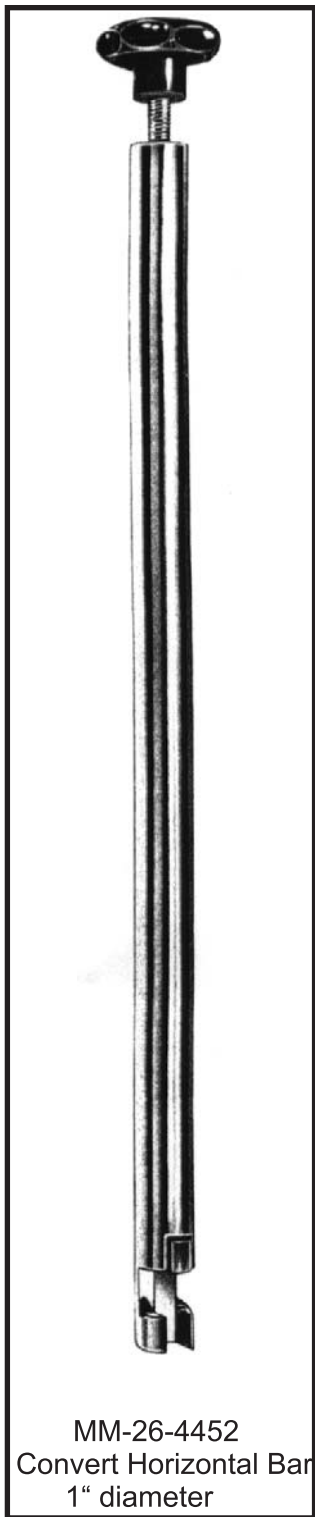
A horizontal arm, supporting the round or oval abdominal frames, is connected to a joint attached to the holding post. This joint allows free adjustment of height and angle of the abdominal retracting frame. This offers many possibilities so exposure is possible in a variety of abdominal procedures even when the required exposure is not wound centered.

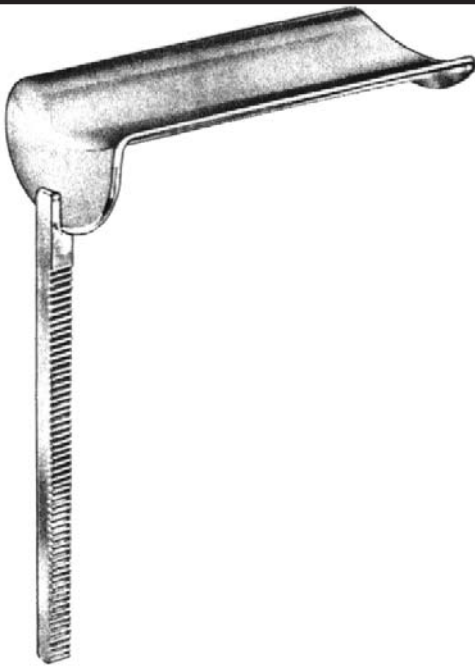
The retractors are attached easily to the frame using two different frame clamps.

The rigid clamp is hooked to the frame and may be positioned anywhere along the ring, the flexible clamp additionally offers a tilting action in a vertical direction. Nevertheless, both types may be used at the same time. A supplemental range of blades is available and fits both types of clamps.

The Convert Retractor System and its versatility is advantageous for any emergency operation and it also simplifies the daily operating procedures.



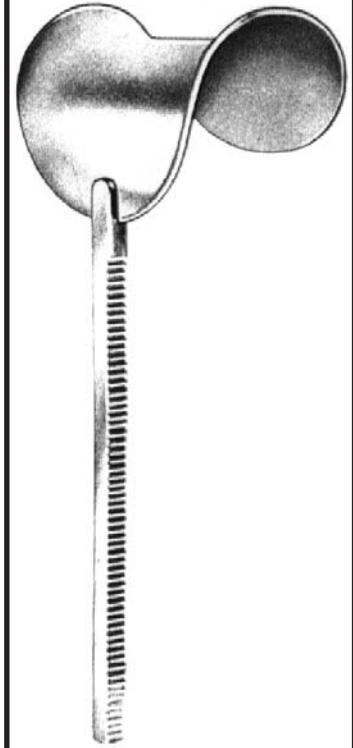




MM-26-4468 Convert Kelly Valve 3" x 2"  
 MM-26-4469 Convert Kelly Valve 4" x 2"  
 MM-26-4470 Convert Kelly Valve 5" x 2"  
 MM-26-4471 Convert Kelly Valve 6" x 2"  
 MM-26-4465 Convert Kelly Valve 1.50" x 2"



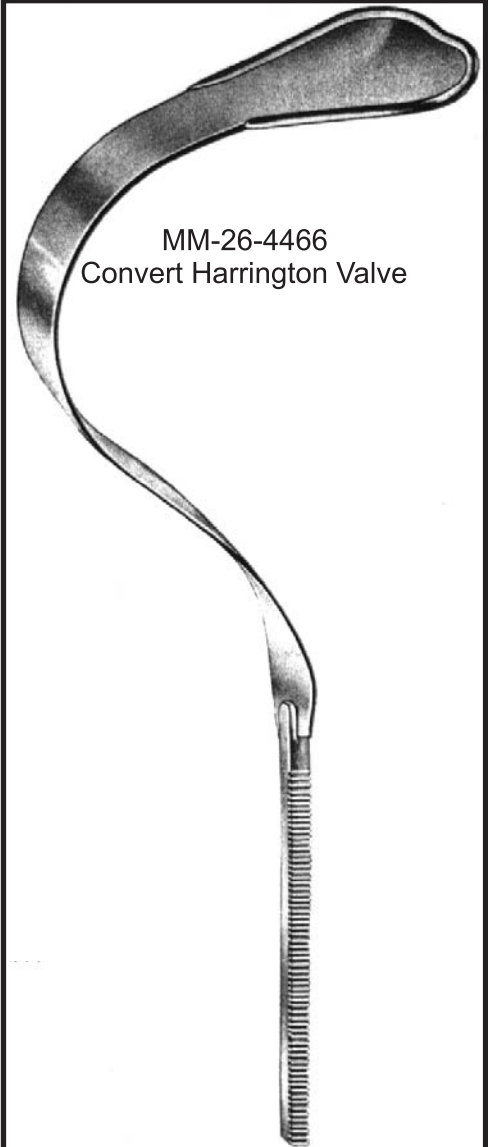
MM-26-4472 Convert Kelly Valve 2.50" x 2"  
 MM-26-4463 Convert Kelly Valve 2" x 2"



MM-26-4476 Convert Balfour Valve 1.50" x 3"



MM-26-4461 Convert Malleable Valve 6" x 2"  
 MM-26-4462 Convert Malleable Valve 6" x 1.50"  
 MM-26-4467 Convert Malleable Valve 6" x 3"



MM-26-4466 Convert Harrington Valve