

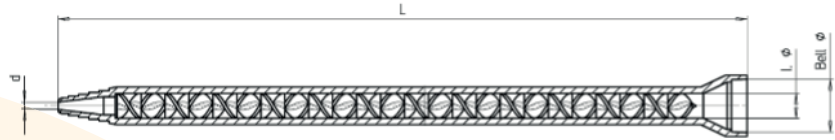
# MIXPAC™ STATOMIX MS- AND ME-SERIES



Product Description:

- MS 13-XXY
- ME 13-XXY

XX= Number of mixing elements  
Y= Outlet Type



Feature	Description	Product Parameters	Visualisation
<b>Diameter</b>	<ul style="list-style-type: none"> <li>• Nominal diameter of the mixing element.</li> <li>• Defines the flow resistance and shear rate.</li> </ul>	<ul style="list-style-type: none"> <li>• MS 13-XXY: 13 mm</li> <li>• ME 13-XXY: 13 mm</li> </ul>	
<b>Inlet</b>	<ul style="list-style-type: none"> <li>• Bell Inlet geometry compatible with majority of semi-automatic and automatic Meter Mix (MMD) equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Bell Inlet I. D.:</li> <li>• MS: 16.7 mm</li> <li>• ME: 15.9 mm</li> </ul>	
	<ul style="list-style-type: none"> <li>• Adapter ring for MS to ME conversion.</li> </ul>	<ul style="list-style-type: none"> <li>• AD 17-16 (101489)</li> </ul>	
<b>Outlet</b>	<ul style="list-style-type: none"> <li>• Variety of mixer outlet geometries can help to obtain the desired dispensing pattern.</li> <li>• Depending on the mixer family and type, the following outlets can be provided:                             <ul style="list-style-type: none"> <li>• Stepped (T)</li> <li>• Threaded (G)</li> <li>• Straight (D)</li> <li>• Luer (L)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• MS 13-XXY                             <ul style="list-style-type: none"> <li>• Stepped (T)</li> <li>• O. D.: 4 mm</li> <li>• Straight (D)</li> <li>• O. D.: 7.2 mm</li> <li>• Threaded (G)</li> <li>• O. D.: 10 mm</li> </ul> </li> <li>• ME 13-XXY                             <ul style="list-style-type: none"> <li>• Stepped (T)</li> <li>• O. D.: 4 mm</li> <li>• Straight (D)</li> <li>• O. D.: 7.2 mm</li> </ul> </li> </ul>	
<b>Elements</b>	<ul style="list-style-type: none"> <li>• Number of mixing elements directly affects the mixing quality.</li> <li>• The number of layered A/B adhesive components are calculated as 2n layers for n number of mixing elements.</li> </ul>	<ul style="list-style-type: none"> <li>• MS 13-XXY                             <ul style="list-style-type: none"> <li>• 18, 24, 32, 44 (12+32) elements</li> <li>• Yellow</li> <li>• Polyacetal (POM)</li> </ul> </li> <li>• ME 13-XXY                             <ul style="list-style-type: none"> <li>• 24, 32, 44 (12+32) elements</li> <li>• Blue</li> <li>• Polyacetal (POM)</li> </ul> </li> </ul>	
	<ul style="list-style-type: none"> <li>• Machine mixer elements are subjected to higher mechanical loads and therefore need to be made of polymers with superior mechanical properties.</li> </ul>	<ul style="list-style-type: none"> <li>• Polyacetal (POM) elements ensure higher pressure resistance and longer operation at elevated Temperatures.</li> </ul>	

# MIXER SPECIFIC PROPERTIES



Feature	Description	Product Parameters	Visualisation
<b>Waste Volume</b>	<ul style="list-style-type: none"> <li>Waste volume is defined as the remaining liquid inside the mixer housing after the usage.</li> <li>Waste volume is calculated as the total volume trapped between the two indicated limits.</li> </ul>	<ul style="list-style-type: none"> <li>MS 13-18G: 21.6 mL</li> <li>MS 13-24T: 27.0 mL</li> <li>MS 13-32G-01: 34.5 mL</li> <li>MS 13-32T: 34.5 mL</li> <li>MS 1312-1032T: 37.5 mL</li> <li>ME 13-24T: 26.4 mL</li> <li>ME 13-32T: 33.7 mL</li> <li>ME 1312-1032D: 37.5 mL</li> </ul>	
<b>Maximum operating pressure</b>	<ul style="list-style-type: none"> <li>The values show the maximum allowed pressure under which the mixers can be used <sup>(1)(2)</sup></li> </ul>	<p>At Room Temperature:</p> <ul style="list-style-type: none"> <li>MS 13-18G: 36 bar/522 psi</li> <li>MS 13-24T: 36 bar/522 psi</li> <li>MS 13-32G-01: 50 bar/725 psi</li> <li>MS 13-32T: 36 bar/522 psi</li> <li>MS 1312-1032D: 36 bar/522 psi</li> <li>ME 13-24T: 36 bar/522 psi</li> <li>ME 13-32T: 36 bar/522 psi</li> <li>ME 1312-1032D: 36 bar/522 psi</li> </ul> <p>At 40 °C:</p> <ul style="list-style-type: none"> <li>MS 13-18G: 25 bar/362 psi</li> <li>MS 13-24T: 25 bar/362 psi</li> <li>MS 13-32G-01: 38 bar/551 psi</li> <li>MS 13-32T: 25 bar/362 psi</li> <li>MS 1312-1032D: 25 bar/362 psi</li> <li>ME 13-24T: 25 bar/362 psi</li> <li>ME 13-32T: 25 bar/362 psi</li> <li>ME 1312-1032D: 25 bar/362 psi</li> </ul>	

<sup>(1)</sup> Compatibility with the dispensed fluid and usage conditions must be verified for the specific customer application.

<sup>(2)</sup> High quality and matching safety shrouds are available for use with Statomix™ type ME & MS mixers. More detailed information can be requested from your local sales representative.

**IMPORTANT:** For health and safety reasons, shrouds must be used at all times.

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Seller is not responsible or liable for the design of the customer's products. It is the customer's responsibility to determine that its product is safe, complies with applicable laws and regulations and that its product is fit for its intended use.

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