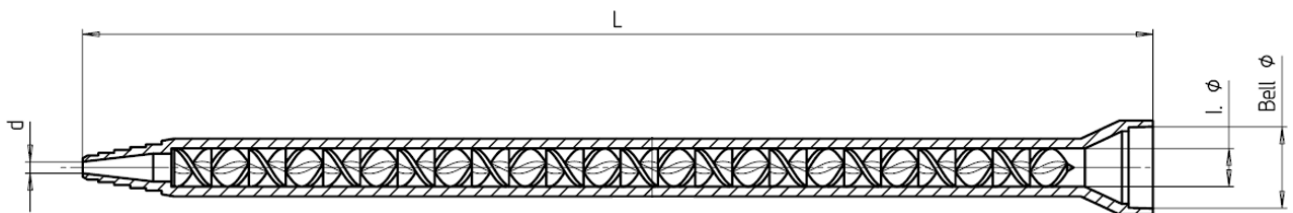


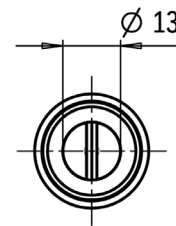
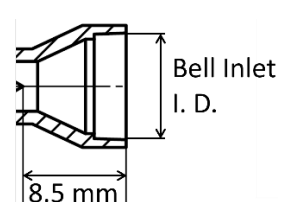
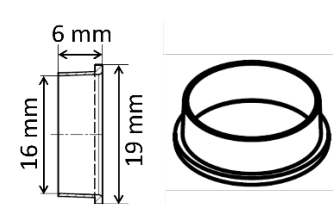
MIXPAC™ Statomix MS- and ME-series

Product Description:

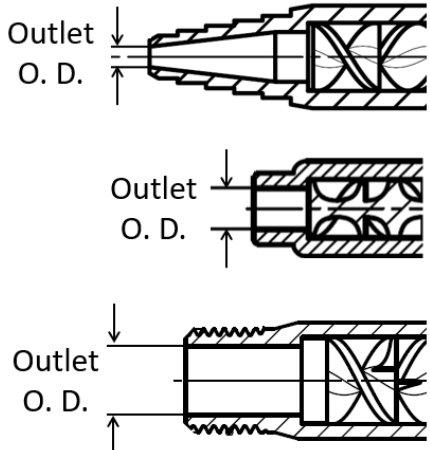
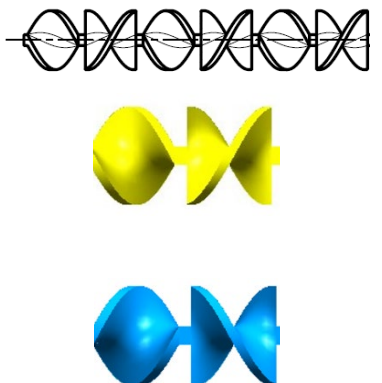
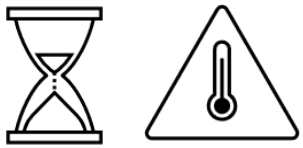
- MS 13-XXY
- ME 13-XXY

XX= Number of mixing elements
Y= Outlet Type




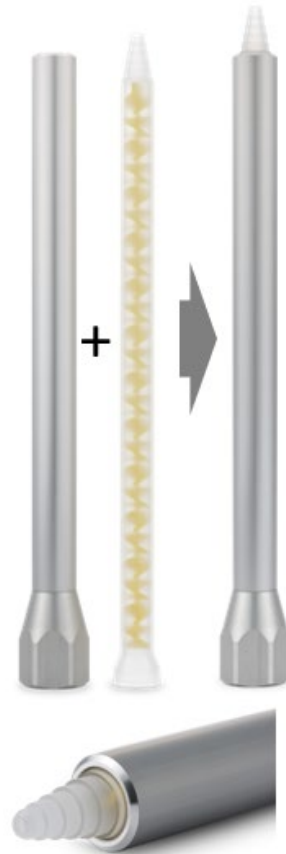
Feature	Description	Product Parameters	Visualisation
Diameter	<ul style="list-style-type: none"> • Nominal diameter of the mixing element. • Defines the flow resistance and shear rate. 	<ul style="list-style-type: none"> • MS 13-XXY: 13 mm • ME 13-XXY: 13 mm 	 <p>Diagram showing the cross-section of the probe with a diameter of $\varnothing 13$.</p>
Inlet	<ul style="list-style-type: none"> • Bell Inlet geometry compatible with majority of semi-automatic and automatic Meter Mix (MMD) equipment. 	<ul style="list-style-type: none"> • Bell Inlet I. D.: <ul style="list-style-type: none"> ▪ MS: 16.7 mm ▪ ME: 15.9 mm 	 <p>Diagram showing the bell inlet geometry with dimensions: 8.5 mm and Bell Inlet I. D.</p>
	<ul style="list-style-type: none"> • Adapter ring for MS to ME conversion. 	<ul style="list-style-type: none"> • AD 17-16 (101489) 	 <p>Diagram showing the adapter ring with dimensions: 6 mm, 16 mm, and 19 mm.</p>

Technical Data Sheet

Feature	Description	Product Parameters	Visualisation
<p>Outlet</p>	<ul style="list-style-type: none"> Variety of mixer outlet geometries can help to obtain the desired dispensing pattern. Depending on the mixer family and type, the following outlets can be provided: <ul style="list-style-type: none"> Stepped (T) Threaded (G) Straight (D) Luer (L) 	<ul style="list-style-type: none"> MS 13-XXY <ul style="list-style-type: none"> Stepped (T) O. D.: 4 mm Straight (D) O. D.: 7.2 mm Threaded (G) O. D.: 10 mm ME 13-XXY <ul style="list-style-type: none"> Stepped (T) O. D.: 4 mm Straight (D) O. D.: 7.2 mm 	
<p>Elements</p>	<ul style="list-style-type: none"> Number of mixing elements directly affects the mixing quality. The number of layered A/B adhesive components are calculated as 2^n layers for n number of mixing elements. 	<ul style="list-style-type: none"> MS 13-XXY <ul style="list-style-type: none"> 18, 24, 32, 44 (12+32) elements Yellow Polyacetal (POM) ME 13-XXY <ul style="list-style-type: none"> 24, 32, 44 (12+32) elements Blue Polyacetal (POM) 	
	<ul style="list-style-type: none"> Machine mixer elements are subjected to higher mechanical loads and therefore need to be made of polymers with superior mechanical properties. 	<ul style="list-style-type: none"> Polyacetal (POM) elements ensure higher pressure resistance and longer operation at elevated Temperatures. 	

Technical Data Sheet

Mixer specific properties

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

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

(2) 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.

Technical Data Sheet

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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.