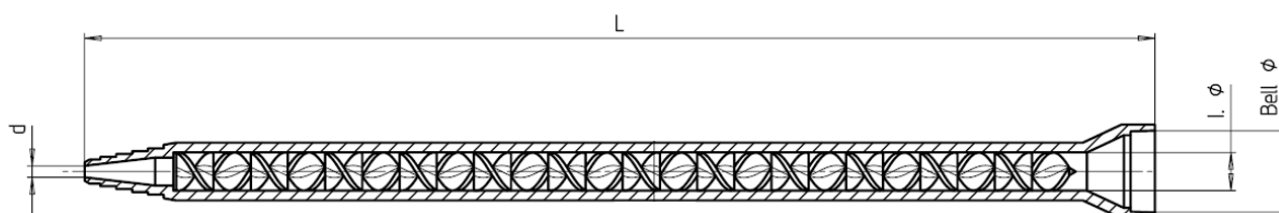


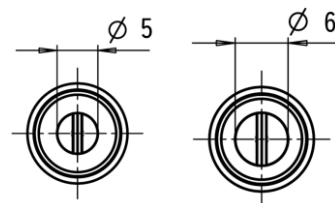
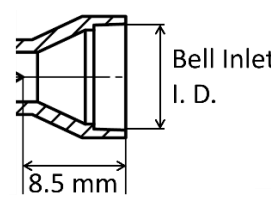
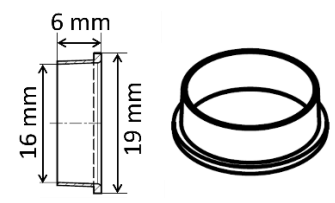
MIXPAC™ Statomix MS- and ME-series

Product Description:

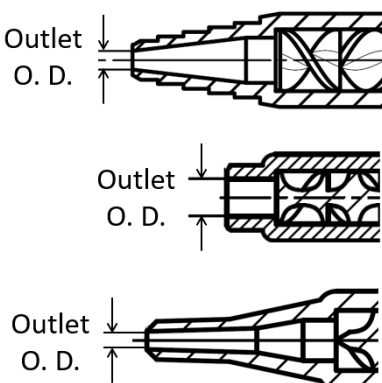
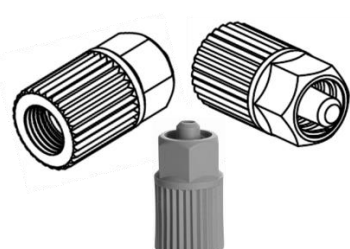
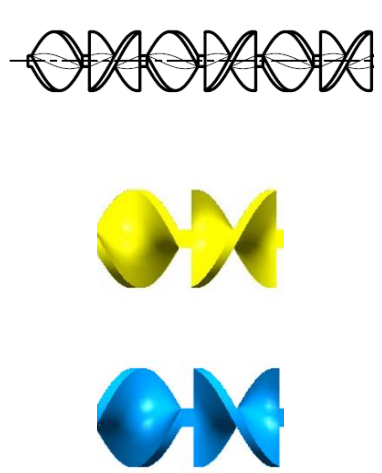
- MS 05-XXY and MS 06-XXY
- ME 05-XXY and ME 06-XXY

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 05-XXY: 5 mm • ME 05-XXY: 5 mm • MS 06-XXY: 6 mm • ME 06-XXY: 6 mm 	
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 	
	<ul style="list-style-type: none"> • Adapter ring for MS to ME conversion. 	<ul style="list-style-type: none"> • AD 17-16 (101489) 	

Technical Data Sheet


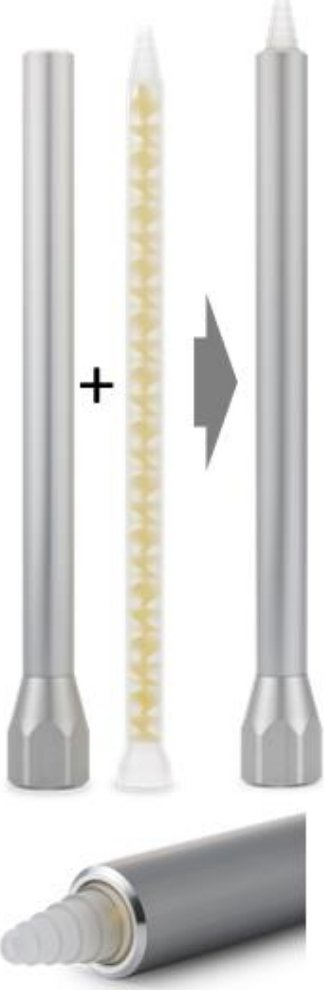
Feature	Description	Product Parameters	Visualisation
Outlet	<ul style="list-style-type: none"> Variety of mixer outlet geometries can help to obtain the desired dispensing pattern. Depending on the mixer family and type, the following outlets can be provided: <ul style="list-style-type: none"> Stepped (T) Threaded (G) Straight (D) Luer (L) 	<ul style="list-style-type: none"> MS 05-XXY & ME 05-XXY <ul style="list-style-type: none"> Stepped (T) O. D.: 1.5 mm ME 06-XXY <ul style="list-style-type: none"> Stepped (T) O. D.: 1.9 mm MS 06-XXY <ul style="list-style-type: none"> Stepped (T) O. D.: 1.9 mm Straight (D) O. D.: 4.5 mm Luer (L) O. D.: 1.9 mm 	
	<ul style="list-style-type: none"> Using Luer Lock adapters, different mixing needles could be used for precise dispensing operations. 	<ul style="list-style-type: none"> MS 05-XXY & ME 05-XXY <ul style="list-style-type: none"> LA 05-00 (102356) MS 06-XXY & ME 06-XXY <ul style="list-style-type: none"> LA 06-08 (102357) 	
Elements	<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 05-XXY <ul style="list-style-type: none"> 24, 32 elements Yellow Polyacetal (POM) ME 05-XXY <ul style="list-style-type: none"> 24, 32 elements Blue Polyacetal (POM) MS 06-XXY <ul style="list-style-type: none"> 18, 24, 32, 48, 56 elements Yellow Polyacetal (POM) ME 06-XXY <ul style="list-style-type: none"> 24, 32, 48 elements Blue Polyacetal (POM) 	

Technical Data Sheet

Feature	Description	Product Parameters	Visualisation
	<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 05-24T: 2.3 mL MS 05-32T: 2.8 mL MS 06-18T: 3.8 mL MS 06-24T: 4.2 mL MS 06-32T: 6.6 mL MS 06-48T: 10.0 mL MS 06-56D: 11.0 mL MS 06-56L: 11.0 mL ME 05-24T: 2.3 mL ME 05-32T: 2.8 mL ME 06-24T: 4.2 mL ME 06-32T: 6.6 mL ME 06-48T: 10.0 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 05-24T: 60 bar/870 psi MS 05-32T: 60 bar/870 psi MS 06-18T: 55 bar/798 psi MS 06-24T: 55 bar/798 psi MS 06-32T: 55 bar/798 psi MS 06-48T: 55 bar/798 psi MS 06-56D: 55 bar/798psi MS 06-56L: 55 bar/798 psi ME 05-24T: 60 bar/870 psi ME 05-32T: 60 bar/870 psi ME 06-24T: 55 bar/798 psi ME 06-32T: 55 bar/798 psi ME 06-48T: 55 bar/798 psi <p>At 40 °C:</p> <ul style="list-style-type: none"> MS 05-24T: 50 bar/725 psi MS 05-32T: 50 bar/725 psi MS 06-18T: 47 bar/681 psi MS 06-24T: 47 bar/681 psi MS 06-32T: 47 bar/681 psi MS 06-48T: 47 bar/681 psi MS 06-56D: 47 bar/681 psi MS 06-56L: 47 bar/681 psi ME 05-24T: 50 bar/725 psi ME 05-32T: 50 bar/725 psi ME 06-24T: 47 bar/681 psi ME 06-32T: 47 bar/681 psi ME 06-48T: 47 bar/681 psi 	

Technical Data Sheet

- (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.

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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.