

Compact, Precise, Single Valve Gate Technology

mastip[™]
hot runner solutions



The extremely compact design of the Single Valve Gate System (SVG) greatly reduces mould height requirements and functions as a locating ring ensuring perfect alignment between mould and machine platen.

The SVG features advanced heating technology for optimum control, providing exceptional thermal performance for improved part quality. The SVG is ideal for applications requiring a highly cosmetic gate finish, fast flow rates, large volume parts and dimensional accuracy.

Mould Design

- Available with TX19 and TX27 Series FlowLoc[™] nozzles
- Highly compact annular design reduces mould height resulting in improved machine optimization
- Utilises high performing X-Range gate geometry
- The SVG system functions as a locating ring aligning mould to machine platen
- Locating ring diameter supplied in metric and imperial

Operation

- Incorporates advanced heating technology with embedded heaters for exceptional thermal performance
- FlowLoc[™] Technology nozzle range screws directly into the lower manifold providing a secure, leak protection solution
- Excellent thermal profile ensures a wide moulding window
- Low mould filling stress results in superior part quality and consistency
- Capable of processing a wide range of polymers
- Available in pneumatic actuation
- Includes high temperature seals and adjustable valve pin
- Patent pending technology, enabling you to precisely control your injection process

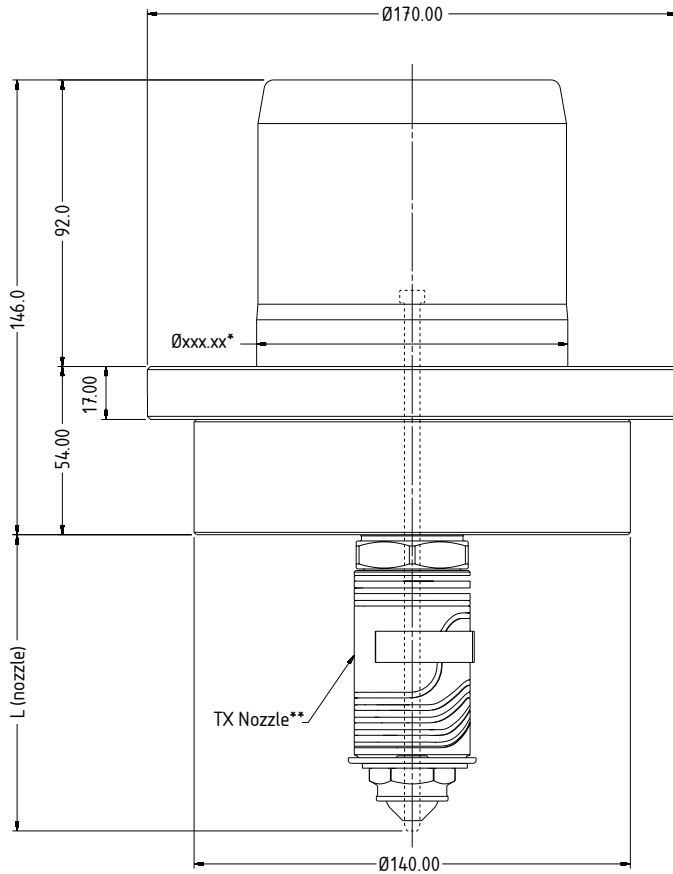
Installation and Maintenance

- Simple Installation
- Utilises Mastip's proven X-Range tips and nuts ensuring spare parts are readily available
- Series of valve pin spacers to allow for valve pin refurbishment

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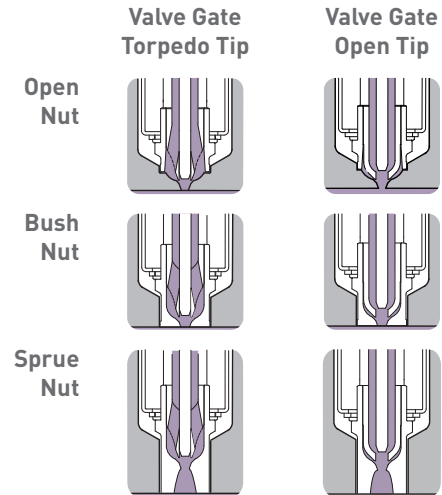
Hot Half Section



* Locating Ring Diameter: Metric - 99.85, Imperial - 101.34 (4")

** Available in 19 and 27 Series FlowLoc™ nozzle

Gating Options



Valve Gate Assembly

	19 Series	27 Series
	FlowLoc™ Technology Nozzle Range	
Model	SVG	
Actuation Type	Pneumatic	
Pin Size	3.0	5.0
Stroke	10	

Nozzle Availability

	19 Series	27 Series
	FlowLoc™ Technology Nozzle Range	
L	95	
	115	
	130	
	145	
	175	
	-	225
-	275	