

Compact, Precise, VeriShot™ Single Valve Gate Technology

mastip™
hot runner solutions



The compact design of the VeriShot™ single valve gate system greatly reduces mould height requirements and functions as a locating ring ensuring perfect alignment between mould and machine platen.

The VeriShot™ features advanced heating technology for optimum control, providing exceptional thermal performance for improved part quality. The VeriShot™ 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 VeriShot™ system functions as a locating ring aligning mould to machine platen
- Locating ring diameter supplied in metric and inch

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-proof 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

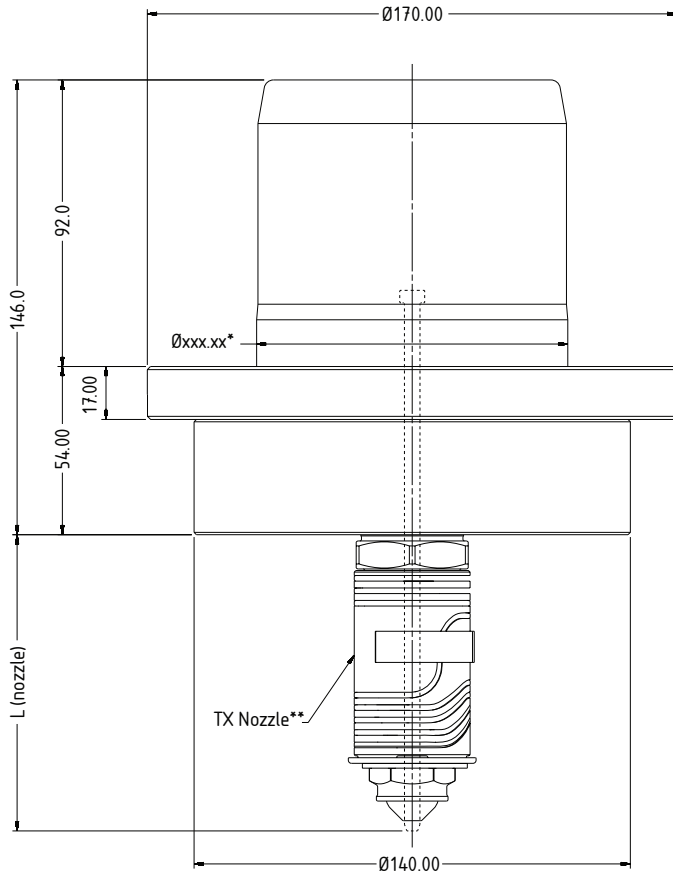
Installation and Maintenance

- 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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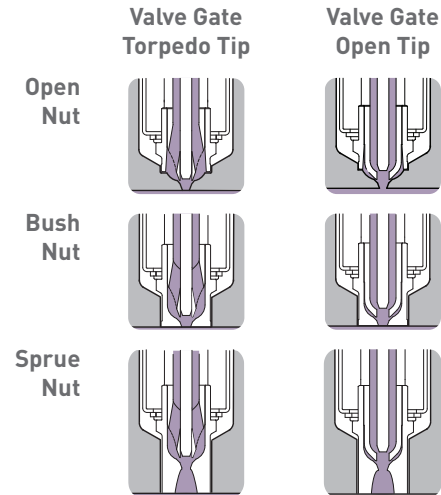
Hot Half Section



* Locating Ring Diameter: Metric - 99.85, Inch - 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 | |