

Multi-Gate Solutions for Close Pitch, High-Volume Applications

mastip[™]
hot runner solutions



Mastip's Multi-Gate solutions are engineered specifically for challenging applications requiring close pitch gates in restricted areas where conventional gating methods aren't possible.

Multi-Gate tips are constructed of a highly conductive alloy ensuring an excellent thermal profile. They are designed to allow for balanced flow achieving simultaneous filling via direct side gating and direct axial gating.

Multi-Gate applications are suitable for processing polyolefin polymers and are available in various configurations to suit the number of gates required and part design.

Applications

- Perfect for long, thin walled parts like syringe barrels, pipettes and needle shields
- Ideal for precision medical and high volume caps and closures moulding
- Internal side gating on round parts for balanced filling
- Multiple direct axial gates per part for complex part design

Features

- Supplied as multi-drop manifold systems (BM) and single nozzles (SM)
- Excellent temperature profile and thermal stability
- Direct side gating in compact moulds
- Optimised mould layout resulting in more cavitation
- Easy tip replacement in moulding machine
- Cost efficient solution eliminating cold runner waste

High Precision, High Volume Multi-Gate Solutions

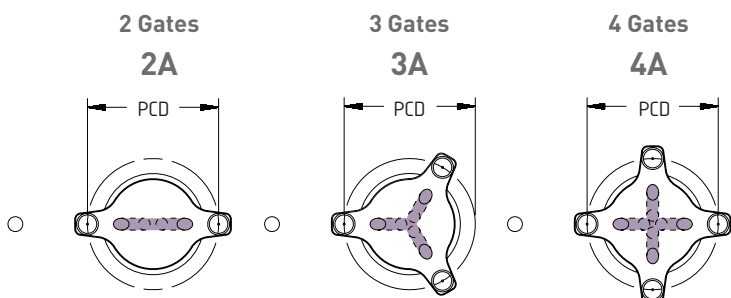


Axial and Side Gates are available in nozzle combinations with Mastip's manifold range (BM) and single nozzle range (SM)

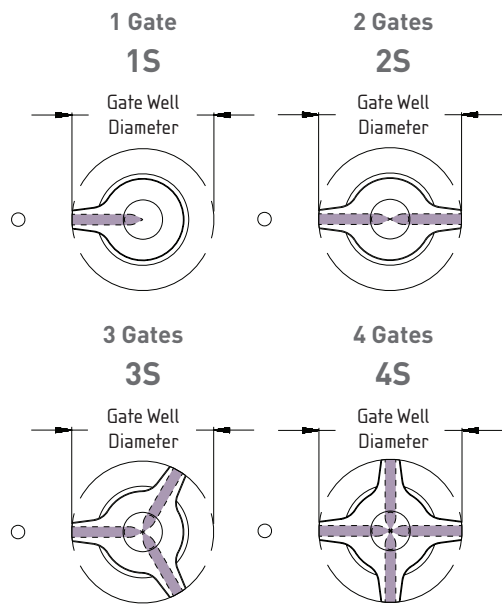
M-Range Overview

The M-Range nozzles are designed specifically for multi-gate solutions incorporating proven BX/SX technology.

Axial Gate Styles

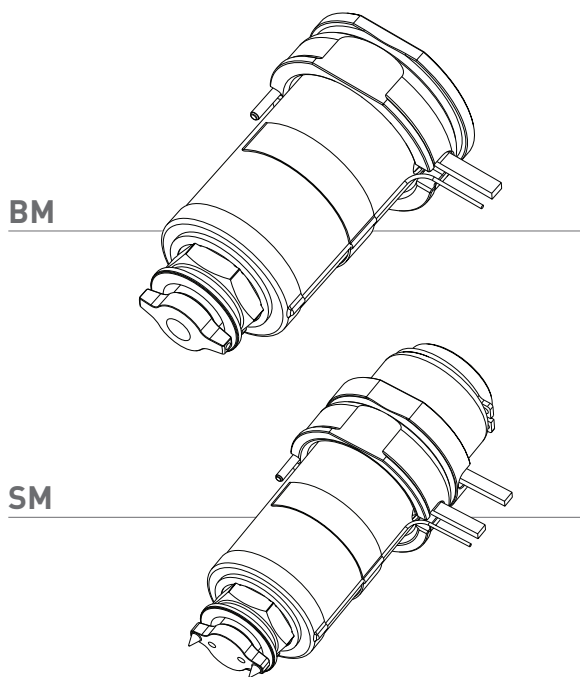
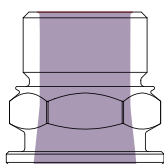


Side Gate Styles



Nut Style

Retro Nut
ONT-R



Availability

		27 Series (L)					
BM	75	95	115	145	175	225	275
SM	75	95	115	145	175	225	275