

SMALL AND COMPACT NOZZLE SOLUTION

A compact Master-Series nozzle solution for high-quality molding of small parts with advanced capabilities for tight pitch and inside gating. Ideal for many medical, personal care, packaging and small closure applications. Compatible with a wide range of resins.

KEY FEATURES

COMPACT DESIGN

- Suitable for producing lightweight parts.
- Compatible with tight pitch & inside gating applications.
- 3.5 mm runner diameter (hot tip).
- 12 mm well bore cut-out.

VALVE GATE COMPATIBLE

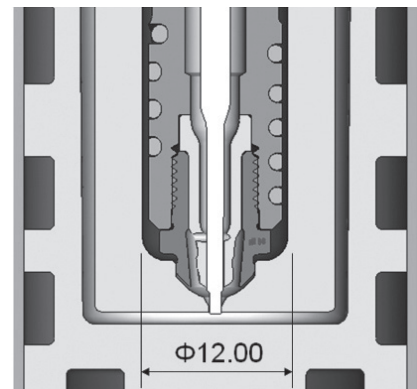
- Enhanced part quality.
- Optimized processing.
- Multi-pin actuation available (PN or HY) for tight pitch applications.
- Option to actuate up to 4 valve pins at once with a single piston.

BRAZED HEATER TECHNOLOGY

- Excellent thermal profile.
- Tight process control.
- Unbeatable reliability minimizes downtime.
- Eliminates spare heater costs.

INDUSTRY-LEADING WARRANTY

- Available 10-year warranty.



*Based on internal bench test results. Actual results may vary.

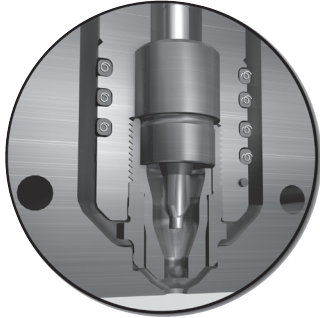
AVAILABLE GATING STYLES

VALVE GATING OPTIONS

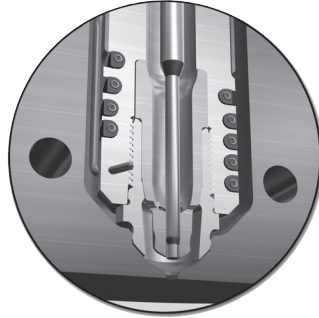
- Accu-Valve CX
- Accu-Valve MX
- C-Valve
- Hot Valve

THERMAL GATING OPTIONS

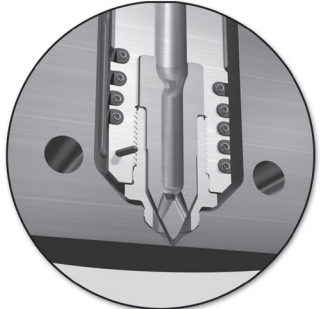
- E-Type Torpedo
- E-Type Torpedo (+Extended)
- F-Type Torpedo
- C-Sprue
- Hot Sprue



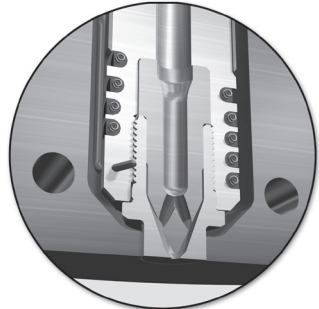
MX



CX



E-TYPE



F-TYPE



Multi-Pin Actuation

SPECIFICATIONS

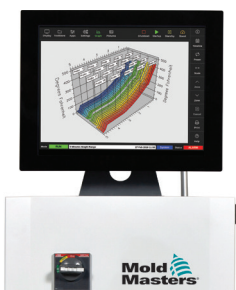
NOZZLE RANGE		NANO	FEMTO-LITE	FEMTO	PICO	CENTI	DECI	HECTO
Shot size* (g)		<1-2	<1 - 5	5 - 10	10 - 20	15 - 50	50 - 500	500 - 3,500
Runner Ø	Non-Valved (mm)	5-4-3	3.5	5	5	6	8	12
	Valved (mm)	6-5-4	4	6	7	8	11	16
Min Pitch†	Non-Valved (mm)	22	19	22	28	31	39	51
	Valved (mm)	26	26	26	28	31	45	51
Bore Cut-Out Ø (mm)		11	12	16	22	26	32	42
Length range (mm)		97/127/187	40 - 223	40 - 205	31 - 221	25 - 224	35 - 253	50 - 488

Available**



*Application dependant. †Standard designs. Tighter pitches may be possible. Please consult MM regarding your application.

**Please speak to a Mold-Masters representative for complete warranty details. Some conditions and/or limitations apply. Subject to change without notice.



TempMaster™ series

To ensure your mold operates at peak performance and delivers ultimate process control, Mold-Masters recommends using TempMaster controllers with all Master-Series hot runner systems. Unlock your operations full potential with TempMaster.