

OUR SMALLEST, MOST COMPACT NOZZLE

Our most compact Master-Series nozzle solution, for highest quality molding of small parts, with advanced capabilities for tight pitch or 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

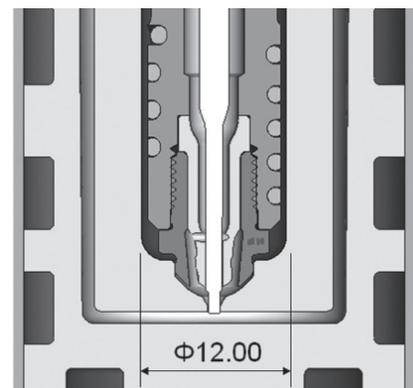
- Enhanced part quality.
- Optimized processing.
- Multi-pin actuation available (PN or HY) for tight pitch applications.
- Option to actuate up to 4 valve pins at once with a single piston.

BRAZED HEATER TECHNOLOGY

- Excellent thermal profile (10% max variance*).
- Tight process control.
- Unbeatable reliability minimizes downtime.
- Eliminates spare heater costs.

IN-PRESS SERVICE CAPABILITIES

- Quickly and easily maintained from the parting line.



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

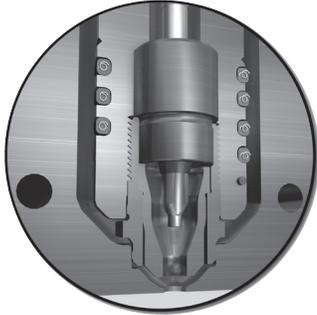
AVAILABLE GATING STYLES

VALVE GATING OPTIONS

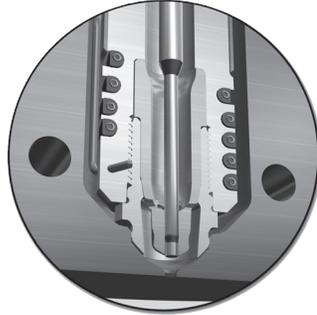
- Accu-Valve CX
- Accu-Valve MX
- C-Valve
- Hot Valve

THERMAL GATING OPTIONS

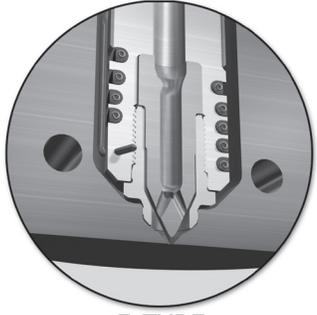
- E-Type Torpedo
- E-Type Torpedo (+Extended)
- F-Type Torpedo
- C-Sprue
- Hot Sprue



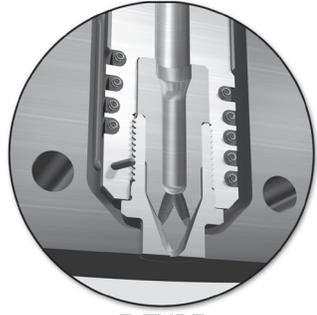
MX



CX



E-TYPE



F-TYPE



Multi-Pin Actuation

SPECIFICATIONS

NOZZLE RANGE		FEMTO-LITE	FEMTO	PICO	CENTI	DECI	HECTO
Shot size* (g)		<1 - 5	5 - 10	10 - 20	15 - 50	50 - 500	500 - 3,500
Runner Ø	Non-Valved (mm)	3.5	5	5	6	8	12
	Valved (mm)	4	6	7	8	11	16
Gate sizes (mm)		0.6 - 1.5	0.6 - 1.5	0.6 - 2.5	0.6 - 2.5	0.6 - 4.0	1.5 - 5.0
Length range (mm)		40 - 223	40 - 205	31 - 221	25 - 224	35 - 253	50 - 488

Available**



*Application dependent. **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.