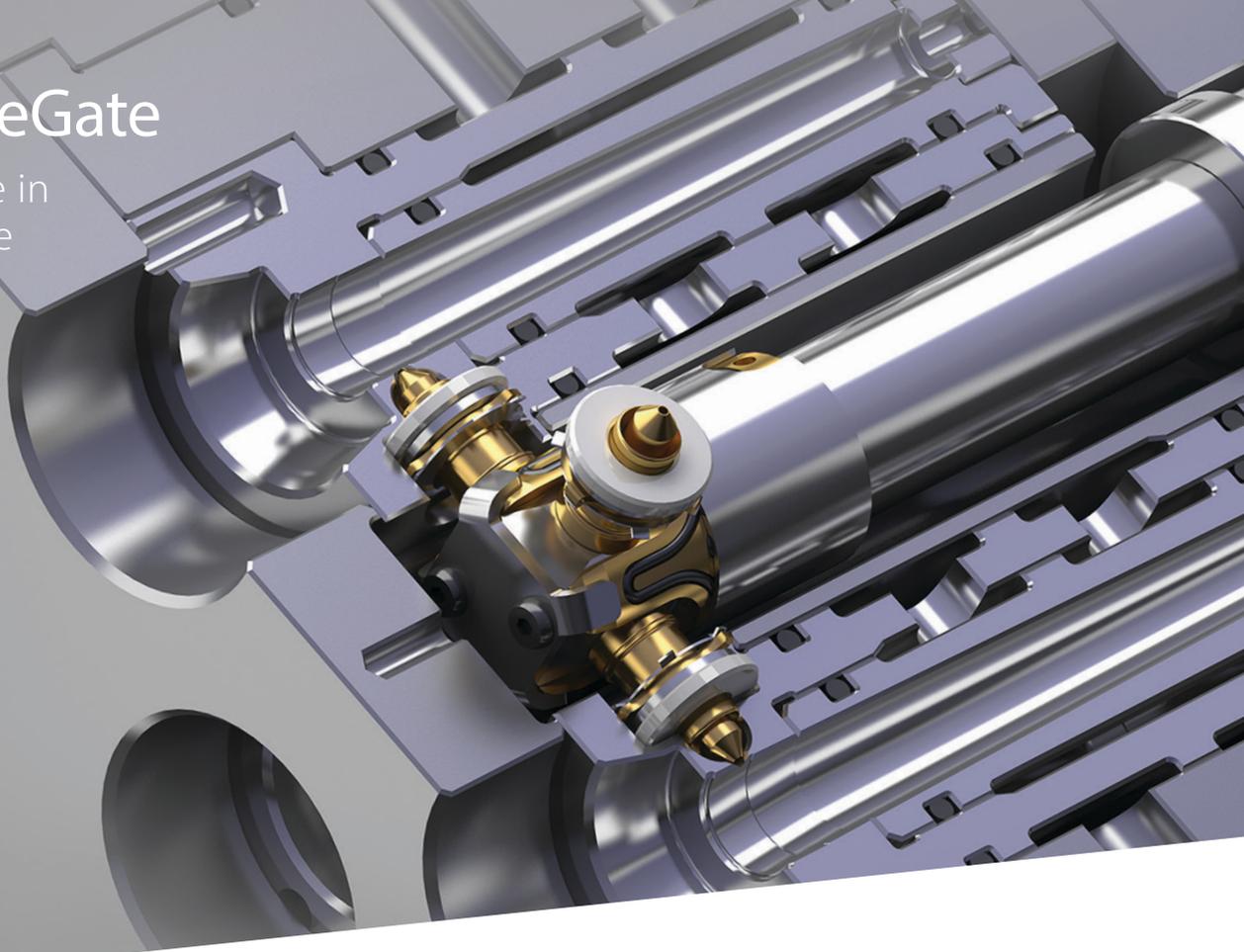


Ultra SideGate

Now available in
our new inline
configuration



Ultra SideGate for direct gating demanding applications

Benefits:

- Excellent gate quality for a wide range of resins
- In-machine maintenance possible from split line; easy integration and easy to operate
- Allows for single-piece cavity design
- Inline configuration for part spacing as low as 18 mm

Features:

- Spring loaded tip for fast tip removal in the press and leak-proof operation
- Precise thermal control for best system balance, easy system start-up without boost
- Individual cavity shut-off
- Unique design allows for single-piece cavity design, optimal gate and cavity cooling
- One, two or four tip configuration
- Available with individual tip temperature control for industry leading balance performance (Inline configuration only)

Ultra SideGate™ provides easy integration, operation and maintenance and is ideal for deep draw parts such as pipettes, syringe barrels, and hinged closures or smaller parts where only side-gating is possible and gate quality is critical. Ultra SideGate™ nozzles offer molders the opportunity to horizontally direct-gate parts that cannot be effectively gated with a standard nozzle. This direct side-gating method allows for high productivity without sacrificing gate quality, while eliminating the need for cold runners.

Superior Part Quality

Our Ultra SideGate™ hot runner is capable of producing a gate with virtually no vestige on the finished part (~0.05 mm vestige depending on resin). This patented design eliminates the need for split cavities. Split cavity designs are subject to misalignment occurring over time resulting in witness lines on finished parts, Ultra SideGate allows for single-piece cavity design to eliminate the possibility of mis-



alignment, resulting in more consistent, high quality parts. The single-piece cavity design also results in improved cooling.

Simplified maintenance

Ultra SideGate features a tip that is separate from the nozzle. This eliminates the need for split cavities. The result is fast, simple nozzle tip access, installation and removal of the cavities for repair or cleaning. Additionally, the tip position is unaffected by thermal expansion.

HUSKY®

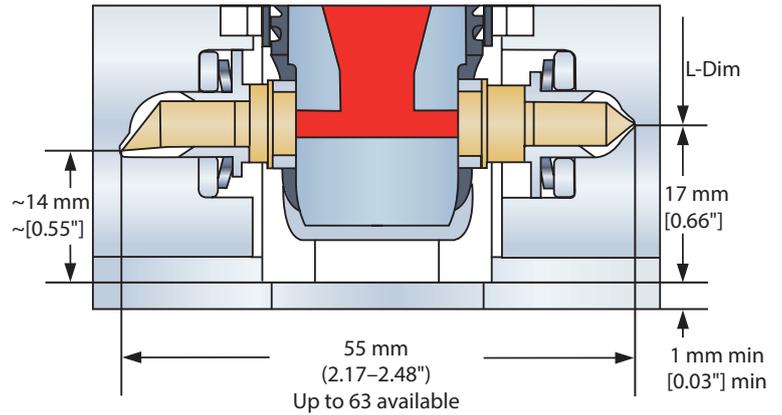
Keeping our customers in the lead

Leakproof operations

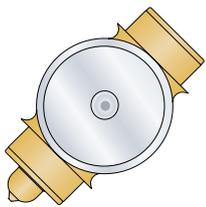
UltraSeal technology offers leakproof operation thanks to spring loaded components. This ensures a complete seal between tip and nozzle and between nozzle and manifold. Nozzles are pre-loaded to the manifold providing leakproof operation in cold conditions.

Configurations

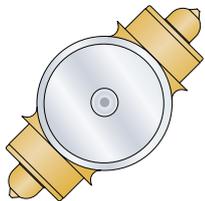
Ultra SideGate is available in Angled or Straight tip with a variable tip distance from 55–63 mm. It is also available in configurations with one, two or four tips per nozzles or inline with minimum spacing of 18mm.



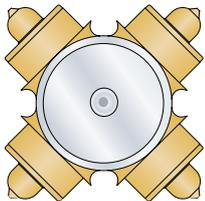
Ultra SideGate Configurations



SG-1
1 Cavity per drop

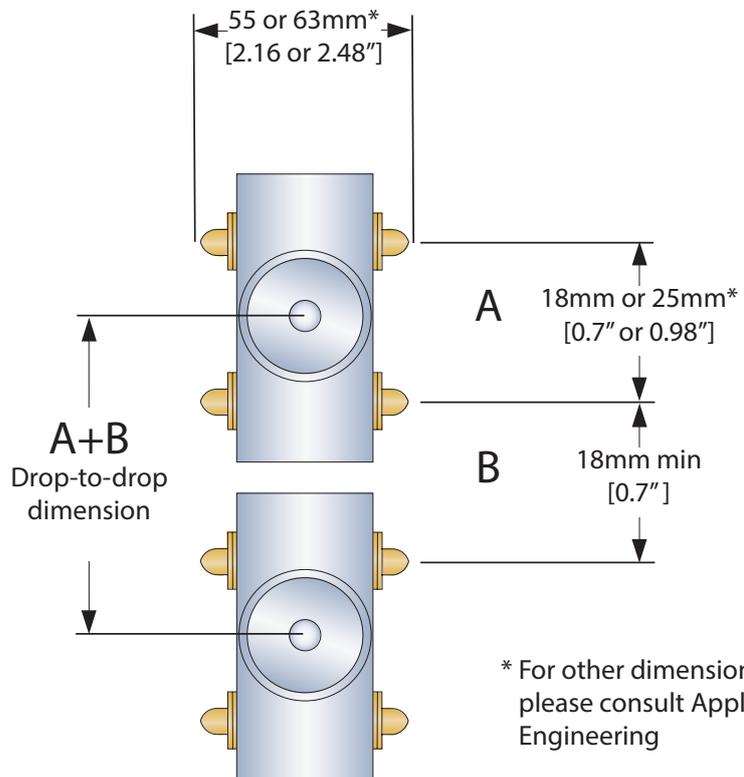


SG-2
2 Cavity per drop



SG-4
4 Cavity per drop

Ultra SideGate Inline Configuration



* For other dimensions please consult Application Engineering

Husky Injection Molding Systems
www.husky.ca

Head Office Canada • Tel. (905) 951 5000 • Fax (905) 951 5384
Asia China • Tel. (86) 21 2033 1000 • Fax (86) 21 5048 4900
Europe Luxembourg • Tel. (352) 52 11 51 • Fax (352) 52 60 10

* HUSKY, HUSKY KEEPING OUR CUSTOMERS IN THE LEAD & DESIGN, ULTRASEAL, ULTRA SIDEGATE and ALTANIUM are registered trade-marks of Husky Injection Molding Systems Ltd. in the United States and other countries, and may be used by certain of its affiliated companies under License. Other HUSKY product or service names or logos referenced in these materials are trade-marks of Husky Injection Molding Systems Ltd. and may be used by certain of its affiliated companies under License.

© 2017 Husky Injection Molding Systems Ltd. All rights are reserved