

PRONTO Hot Runners

Husky performance at an unbeatable value



Pronto hot runners are customized to each specific application.

Benefits

- Lower price, faster delivery
- Optimized melt channel sizing and manifold design for all applications
- Wide part range with throughputs up to 350 grams per second available using a choice of 3 nozzle sizes: Ultra 350, Ultra 500 or Ultra 750 nozzles
- 3-year leakproof guarantee for complete hot halves
- Simple confirmation of PRONTO compatibility with easy to understand guidelines and design information

Husky PRONTO® manifold and hot half systems offer ultimate flexibility and outstanding hot runner performance at a price that fits any tooling budget. PRONTO configurable systems offer a variety of nozzle spacing, nozzle lengths and 14 gating styles for applications with up to 32 drops. Fully optimized channel sizing and manifold design ensure outstanding performance in applications utilizing commodity or engineering grade resins. Easy access to design information prior to ordering, competitive pricing and rapid delivery of systems and drawings make it convenient to integrate PRONTO into any mold.

Expanded offering

The expanded PRONTO program offers unbeatable value with absolutely no compromise in quality. Husky has taken PRONTO and significantly increased flexibility and configurable options—customers now enjoy a wide range of products at a reduced cost, as well as simple configuration steps and a streamlined order process.

HUSKY®

Keeping our customers in the lead

Expansion highlights

Gating options

- 14 gating options now available

Plates

- Flexible plate sizes
- Interface locations—guide pin and interface tap location flexibility
- Clamping options—multiple clamping options provide increased flexibility

Manifolds

- More than 100 manifold layouts—standard, in-line and non-symmetrical layouts
- Higher cavitations—one to 32 drop valve and thermal gated configurations

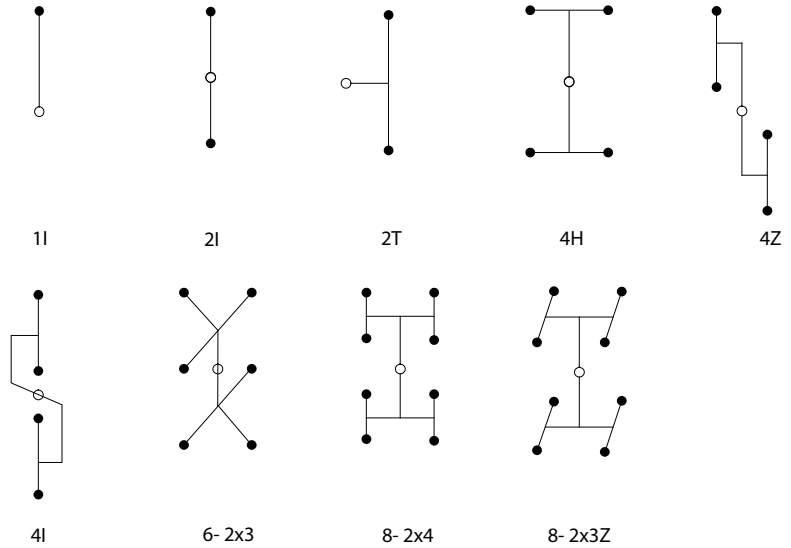
Performance

PRONTO offers molders and moldmakers a cost-effective solution with no compromise in performance

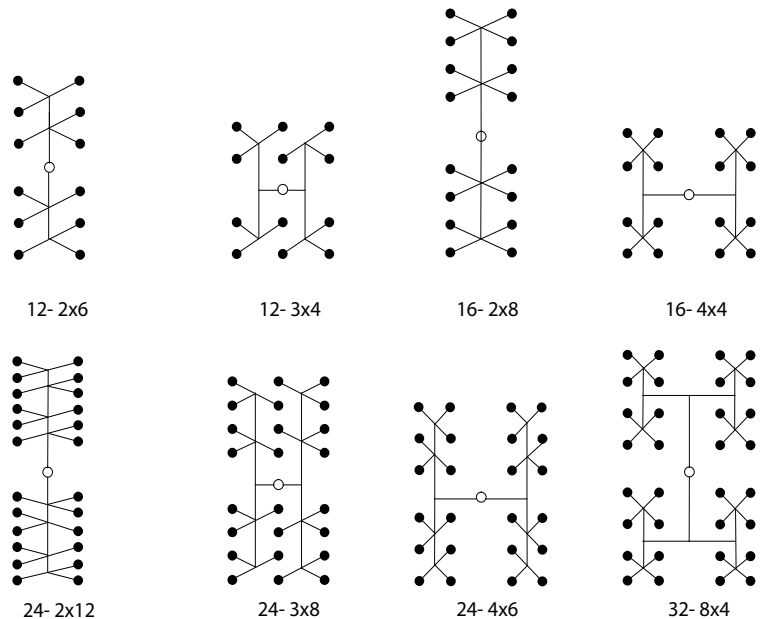
- Cold and overheating leak protection is provided with our patented UltraSeal® technology
- Husky analyzes and optimizes melt channels based on application requirements
- Optimized thermal profile along the entire melt channel ensures easy start-up and a wide operating window
- Balanced melt channels provide part-to-part consistency
- Optimized heater layout for uniform temperature distribution

Manifold configuration

1-8 drop configuration



12-32 drop configuration



Flexibility

- Three nozzle sizes: Ultra 350, Ultra 500 and Ultra 750 nozzles
- Variable nozzle lengths from 13 mm to 148.9 mm (0.51" to 5.82")
- Customized drop locations—choose from over 15 configurable layouts, including in-line and non-symmetrical configurations

Plate compatibility

PRONTO is available as either a manifold system or as a complete hot half solution

Plate configuration

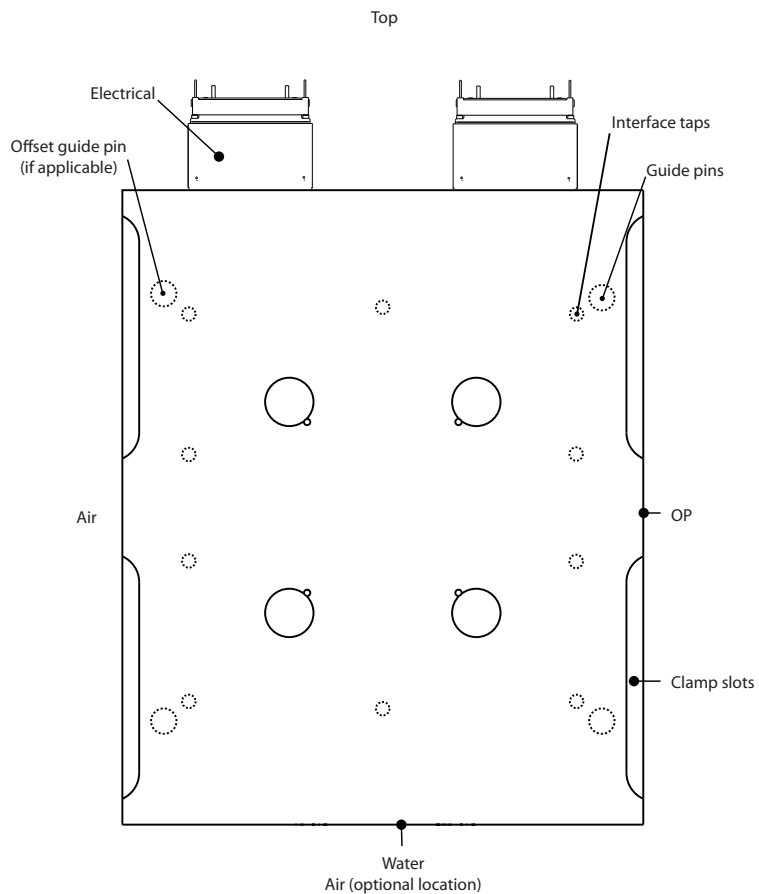
Gating	Nozzle	Minimum sprue radius	Minimum pitch spacing	Minimum distance drop to plate edge
HT	Ultra 350	31.8 mm (1.25")	18 mm (0.71")	100 mm (3.94")
	Ultra 500		25.4 mm (1.00")	
	Ultra 750	40.4 mm (1.60")	44.5 mm (1.75")	
VG	Ultra 350	50 mm (1.97")	50 mm (1.97")	100 mm (3.94")
	Ultra 500			
	Ultra 750			

Manifold systems

- Fast delivery of system drawings
- Easy-to-understand plate design guidelines
- Simple assembly

Hot runner systems

- Flexible plate sizes for efficient mold design
- Unrestricted guide pin and interface tap locations
- Multiple clamping options
- Stainless steel plates for extended life
- Individual plate cooling



Design information

Easy to navigate, our multilingual hot runner website offers complete PRONTO design information. All of the information required to integrate a PRONTO system into a mold is available online at www.husky.ca. Application examples, gate details, and nozzle selection guidelines are also available online to guide customers through the PRONTO configuration process.

Performance and flexibility mean unbeatable value

Customized performance and simple integration for the price of a standard hot runner—that's the PRONTO advantage. With over 100 manifold layouts, plus the choice of Ultra 350, Ultra 500 or Ultra 750 nozzles, PRONTO brings industry-leading performance to applications in all markets. Through up-front design information and ultimate flexibility, it is easy to determine early in the mold design process if PRONTO can bring unbeatable value to a mold.



The Altanium Neo2 features a functional compact design.

Altanium controllers

Husky is the only hot runner manufacturer who designs and manufactures their own line of temperature controllers. Altanium® controllers are recognized throughout the industry for accuracy, ease of use and flexibility. Our proprietary Active Reasoning Technology (ART) controls hot runner heat

zones—maintaining precise set point temperatures for high quality parts. Altanium temperature controllers and PRONTO hot runners are ideally suited and together help optimize system performance.

Contact Husky today for more information on our PRONTO hot runners.

Husky Injection Molding Systems
www.husky.ca

Head Office Canada • Tel. (905) 951 5000 • Fax (905) 951 5384
Asia China • Tel. (86) 21 3850 8000 • Fax (86) 21 5048 4900
Europe Luxembourg • Tel. (352) 52 11 51 • Fax (352) 52 60 10

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