



# PRECISE. ROBUST.

## JUST TWO OF THE REASONS IT'S CALLED THE STELLAR HRS



For tight-pitch molding  
any way you need it,  
Stellar stands out.



## A Robust Tight-Pitch Molding Solution

The most durable tight-pitch molding solution on the market just keeps getting better. From off-the-shelf MNAs (manifold/nozzle assemblies) to full custom hot-half systems, Stellar offers unbeatable flexibility in micromolding.

And now with added pressure capabilities and wear resistance, it's tougher than ever, too. No wonder Stellar remains DME's best selling hot runner system.

### Unparalleled Precision and Performance

Stellar's close tolerance capability lets you get drops into locations you couldn't otherwise, allowing for smaller parts and – better yet – smaller mold bases.

- 17 mm center to center – Stellar 5000 and 6000
- 11 mm heater clearance hole diameter (among the smallest in the industry) – Stellar 6000

But it's not just the tight pitch that sets Stellar apart ...

#### Higher Pressures

Stellar handles 25% higher pressures than competitive units. This enhanced toughness makes it a better solution for thin-wall parts as well as engineering-grade materials with small operating windows – including polyphthalamide and other crystalline resins.

#### Wear Resistance

While the rest of the industry touts needles made of molybdenum alloys, DME's R&D team has gone beyond that to incorporate better-performing specialty alloys. The result: a third-generation, wear-resistant tip that improves wear characteristics without giving up heat transfer.

#### Fast Color Changes

Stellar's minimized gate well design means less material volume in the gate, leading to much faster color changeovers – both on the fly and after de-coning.

#### Improved Heat Profile

The embedded heater distributes heat more evenly, and it's front loaded for easy maintenance.

### How Fast Can You Get Stellar?

Call 888-4-DME-HOT to place your order, and we'll turn it around fast:

- **MNA – Next day**
- **M&C – 3-4 weeks**
- **Unitized – 4-5 weeks**
- **Hot-Half – 5-6 weeks**
- **Stellar/MUD – 6-7 weeks**



## Available Any Way You Need It

In medical, electronics, cosmetic packaging and more, the applications involving very small parts are growing more diverse by the day.

That's why you need Stellar hot runner technology to support your unique and evolving micromolding challenges. From components to complete systems, no other provider offers as many options.

### Your Options? Virtually Unlimited.

You have other choices for a hot runner that supports high cavitation. But how many of them can get it to you next day? How about a full hot half system in as little as 5 weeks?

With Stellar from DME, you have the broadest range of options and delivery on the market today.

- Manifold & components – a bridge system for as many MNAs as you need
- Unitized – pre-wired system
- Hot half – full packaged system
- Stellar with MUD Quick Change frame & insert system – an exclusive combination

Whatever you need, our engineering team will get the right system out to you quickly, including applications engineering review and design services.

### The Exclusive Source for Next Day, Off-the-Shelf MNAs

Looking to build your own system? No one else will help you do that, so look to DME as your essential resource.

Get same-day shipment of 2, 4, 8 or 16 drops. And access all the resources you need online – guides, flow diameters, etc. – so you can get the job done on your schedule.



### Valuable Design Flexibility

Stellar not only comes in any stage you need it delivered, but also offers added flexibility you can use to get more from your equipment investment. Its unique modular design allows:

- Interchangeable “A” dimensions to meet your specifications
  - o 45 mm to 145 mm on Stellar 5000
  - o 85 mm and 115 mm on Stellar 6000
- Options for higher cavitations

Thanks to that modular flexibility, you often don't need a new system to run a new part – just adapt an existing Stellar system and get going!

## Everything Hot Runners

### Precision. Strength. And DME Support Every Step of the Way.

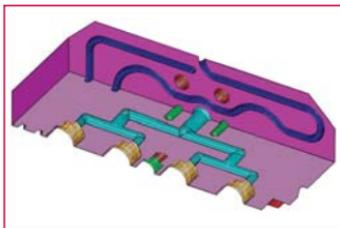
There's one more way Stellar meets your unique tight-pitch molding needs. It comes with the unequalled support you've always depended on from DME.

Here are just a few examples of ways we can help you make the most of your Stellar system:

- **Design resources.** CAD geometry for all Stellar 5000 hot runner nozzles are available online at: [http://www.dme.net/dme/resources/cad\\_library.html](http://www.dme.net/dme/resources/cad_library.html)
- **Moldflow Modeling.** Comprehensive analysis conducted by certified experts to optimize part and mold design.
- **Hot Runner Service Center.** Repair. Reconfigure. Rebuild. Whatever help you need with your hot runner system, our dedicated team is prepared to serve you today.

For these and other ways to ensure maximum uptime and performance of your hot runner systems, simply fill out an RFQ and we'll return a quote within 24 hours. Visit [dme.net/EverythingHotRunners](http://dme.net/EverythingHotRunners) for more information.

Or, if you need a new hot runner system or component right away, don't hesitate to call **888-4-DME-HOT** today.



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