

# DME Stellar Unitized Hot Runner Systems

## NEW PRODUCT BULLETIN

### Stellar Hot Runner Manifold and Components System

*Pre-wired and ready to install into your mold!*

- Excellent system performance with proven DME hot runner technology
- Suitable for commodity or engineered grade resin applications
- Choice of a single or multi-nozzle MNA (Manifold Nozzle Assembly), under a balanced primary manifold (pictured at the right), for higher cavitation molds
- Threaded nozzle connection
- Five different nozzle assembly "A" dimensions from 65 to 145 mm
- Reduced set-up time, simplified installation
- All heating and sensing elements are pre-wired and "ready to go"
- Replacement parts available to ship same day
- Backed by World-Class Hot Runner Technical Service Team



### Pre-Wired and Pre-Assembled

**DME, the leader in mold technologies, is now offering pre-wired Stellar Hot Runner Solutions for customers who want only a pre-wired manifold system without plates. DME Stellar Hot Runner Systems address the performance, reliability and serviceability demands of today's molder.**

**Perfect for a wide range of applications – including caps and closures, cosmetic packaging, cutlery and small medical, electronic and automotive parts.**

**DME carefully reviews the requirements of each project and then designs a Stellar Hot Runner System – using the most advanced engineering tools available – that optimizes molding performance.**

**For technical inquiries, call [888-4-DME-HOT \(888-436-3468\)](tel:888-4-DME-HOT) and ask to speak to a Hot Runner Service Representative, or email us at: [dme\\_service@dme.net](mailto:dme_service@dme.net).**



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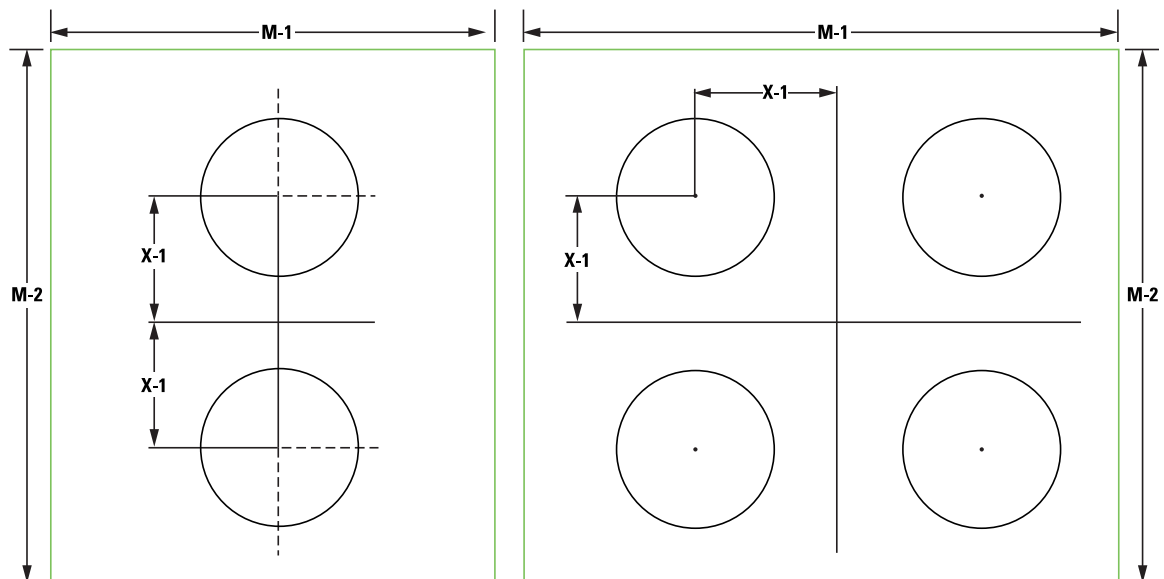
# DME Stellar Unitized Hot Runner System

## MINIMUM DROP SPACING AND MINIMUM MOLD BASE SIZE

- NOTE:** 1. Dimensions are given as guidelines only. All Stellar Unitized applications will be reviewed by the DME Hot Runner Design Department for feasibility.
2. When using multiple Stellar MNAs under a balanced primary manifold, round MNAs are used. Please refer to the Stellar Round MNA Design & Assembly Guide ([www.dme.net/dme/resources/prod\\_apps.html](http://www.dme.net/dme/resources/prod_apps.html)) for specific pitch dimensions.

PRIMARY MANIFOLD TYPE	MNA (mm)	MINIMUM "X-1" (mm)	MINIMUM MOLDBASE SIZE	
			"M-1" (inches)	"M-2" (inches)
IN-LINE	ROUND 40	56.800	9.875	11.875
	ROUND 50	63.150	9.875	11.875
	ROUND 70	72.000	9.875	11.875
	ROUND 90	82.200	10.875	14.000
X-STYLE	ROUND 40	56.800	17.875	18.000
	ROUND 50	63.150	19.500	23.750
	ROUND 70	72.000	23.750	23.750
	ROUND 90	82.200	23.750	23.750
NONE	RECTANGULAR	N/A	CONTACT DME ENGINEERING	

3. When using an individual MNA without an additional primary manifold (not shown), rectangular MNAs are used. Please refer to the Stellar Rectangular MNA Design Assembly Guide ([www.dme.net/dme/resources/prod\\_apps.html](http://www.dme.net/dme/resources/prod_apps.html)) for specific pitch dimensions.



**MULTIPLE (ROUND MNAs) UNDER PRIMARY IN-LINE MANIFOLD**

**MULTIPLE (ROUND MNAs) UNDER PRIMARY X-STYLE MANIFOLD**

**"X-1" DIMENSION DEFINES THE MINIMUM DISTANCE FROM THE MOLD BASE CENTER, TO EACH MNA CENTER.**