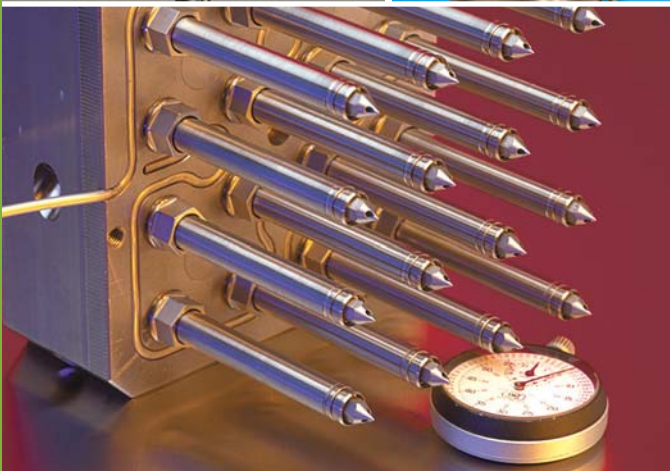
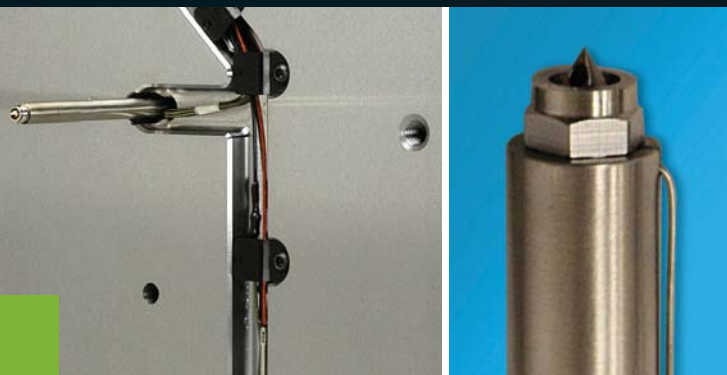


Stellar Quick Delivery System Advantages



Get the Stellar Edge – Now Even Faster

Stellar quick-delivery program for Hot Runner Systems:

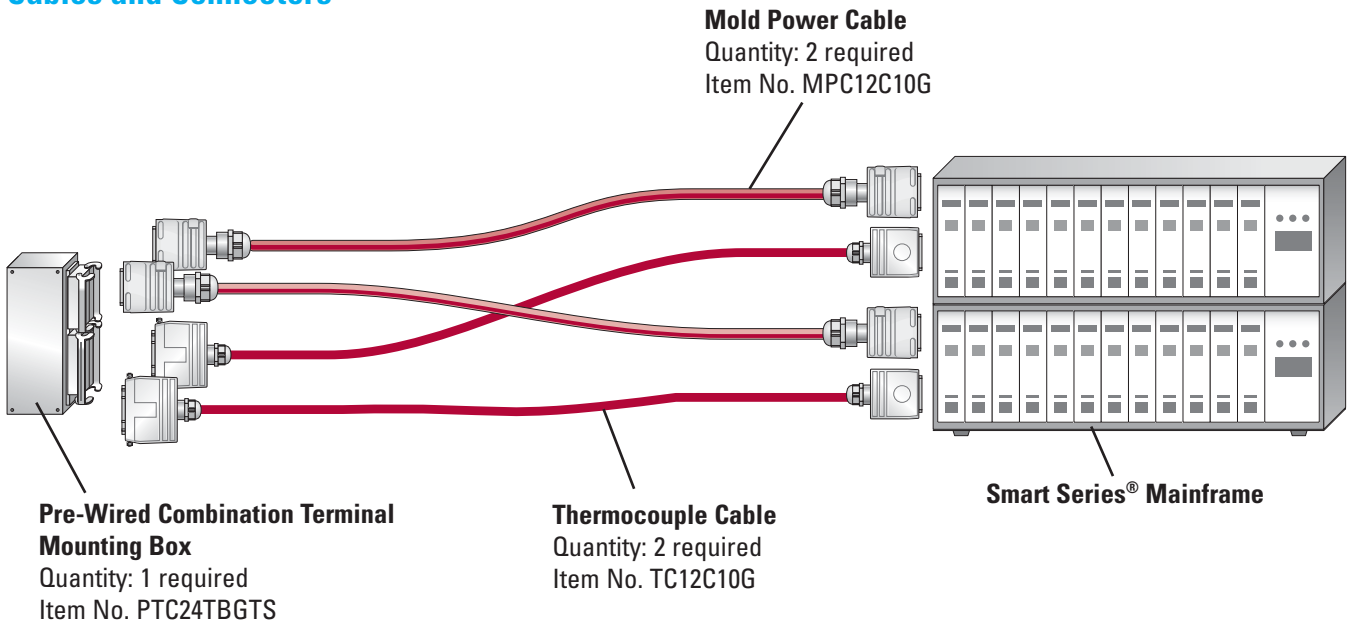
1-, 4-, 8- and 16-drop multi-nozzle assemblies (MNAs) shipped in only 3-5 days.

Key Advantages of Stellar Hot Runner Systems

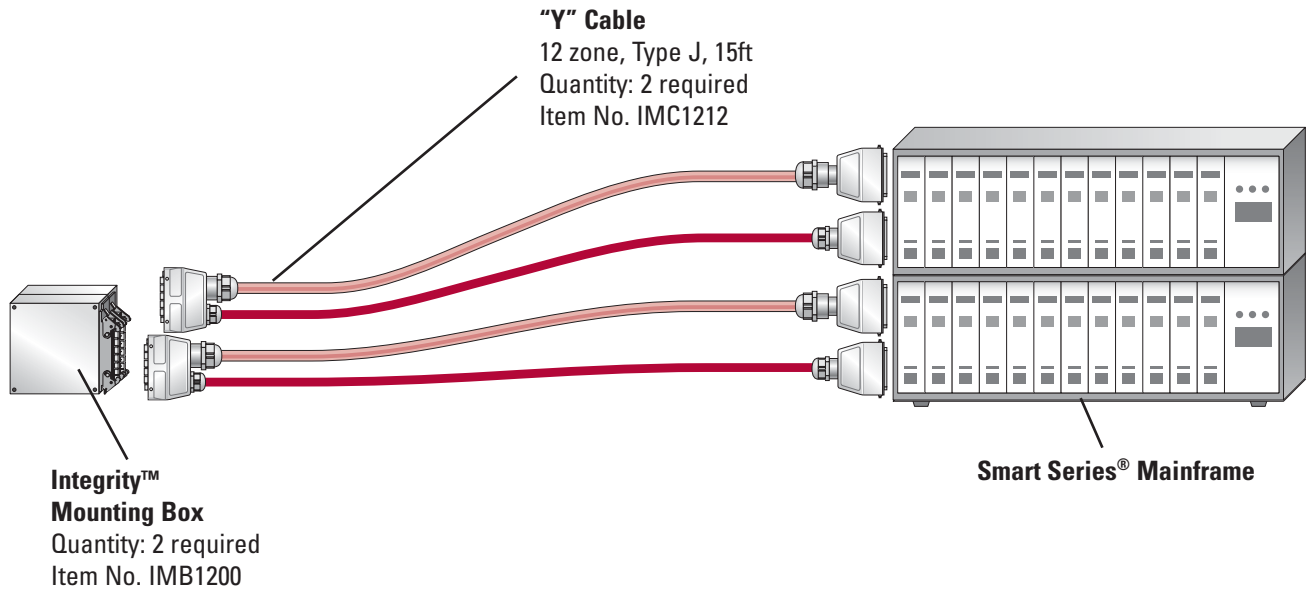
- Outstanding performance with challenging engineered materials – amorphous material like PET or crystalline resins like PBT and PA are no problem with Stellar's high conductivity tip material and precise heat profiling
- Ideal for high-cavitation – well-suited for medical, electrical/ electronic and cosmetic packaging applications
- A choice of four tip styles – Point gate and sprue gate tips enable customization to meet your needs
- A choice of five nozzle A dimensions – 65, 85, 105, 123, and 145mm
- Industry-leading choice of MNAs – Stellar features the industry's broadest line of standard manifolds
- Easy serviceability – front-loaded nozzle tips, mini-tubular heaters and thermocouples are easily replaced with the mold in the machine
- Extended warranty – DME now offers a 3-year, leak-proof warranty on all Stellar package systems

Smart Series® and Integrity™ – 16-Drop Configurations

Standard Smart Series® Cables and Connectors



Integrity™ Cables and Connectors

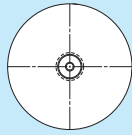


Program Overview

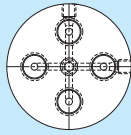
Stellar Round MNAs – Manifold Options

Quick Delivery Lead Time 3-5 Days

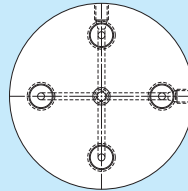
Gate Circle Diameter



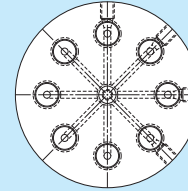
1-Drop / 15.5mm



4-Drop / 40mm



4-Drop / 70mm

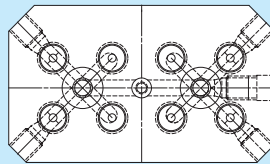


8-Drop / 70mm

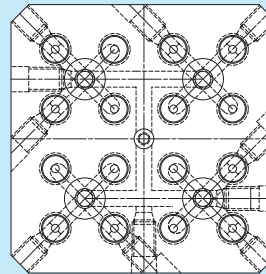
Stellar Rectangular MNAs – Manifold Options

Quick Delivery Lead Time 3-5 Days

Pitch



8-Drop / 30mm



16-Drop / 30mm

Stellar Quick Delivery System

DESCRIPTION	STELLAR MNA QUICK DELIVERY LEAD TIME 3-5 DAYS
ROUND	ITEM NO.
1-DROP 1/2 & 3/4 Spherical Radius	SNL1004
1-DROP 15.5mm Spherical Radius	SNL2004
4-DROP 40mm	SRD4004
4-DROP 70mm	SRD7004
8-DROP 70mm	SRD7008
RECTANGULAR	ITEM NO.
8-DROP 30mm	SRC3308
16-DROP 30mm	SRC3316

Recommended Nozzle Flow Capacities

DESCRIPTION		FLOW CAPACITY IN GRAMS			
ITEM NO.	GATING STYLE	GATE DIAMETER	LOW VISCOSITY MFI > 16	MEDIUM VISCOSITY MFI 7-16	HIGH VISCOSITY MFI .02-7
SXG5110 SXG5020 SXG5201	STELLAR POINT GATE TIP	1.0mm/0.040in	12	12	5
		1.5mm/0.060in	16	16	12
SXT5200	STELLAR THRU-HOLE TIP	1.27mm/0.050in	14	14	8
		1.50mm/0.060in	16	16	12
SXT1040	STELLAR SPRUE GATE TIP	2.0mm/0.080in	40	30	20

*Minimum gate diameter Ø1.27mm/.050in for filled resins; Ø0.71mm/.028in for unfilled resins

APPLICATION NOTES

1. Stellar systems are recommended for filled or unfilled resins; material process temperatures below 400°C/750°F
2. For Stellar MNA Application Guides, visit www.dme.net
3. To request CAD files, please contact appl_eng@dme.net

DME Stellar Unitized Hot Runner Systems

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 145mm
- 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) and ask to speak to a Hot Runner Service Representative, or email us at:

dme_service@dme.net

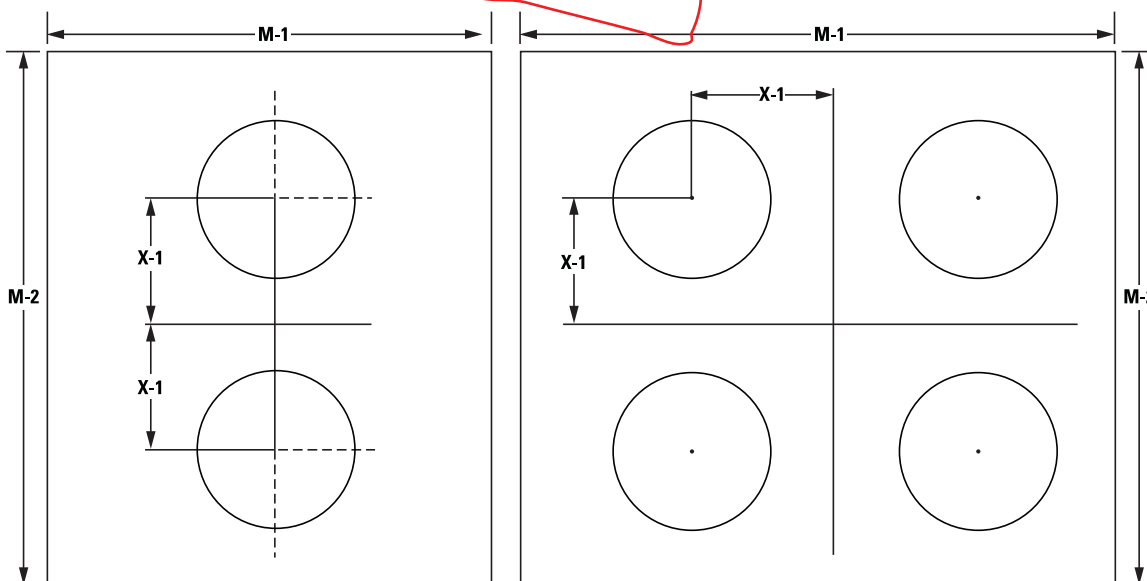


DME Stellar Unitized Hot Runner Systems – Minimum Drop Spacing and Minimum Mold Base Size

- 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) 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) 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.