



FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



EcoONE
series

A HIGHLY ECONOMICAL STANDARDIZED SYSTEM FOR SIMPLE COMMODITY APPLICATIONS

A configurable 1-16 drop hot runner system suitable for applications processing commodity resins. Allows simple projects to get off the ground faster with minimal investment. Ideal for many cost sensitive consumer goods, small home appliances, basic automotive components, electronic peripherals/accessories and other similar applications.

KEY FEATURES

CONFIGURABLE DESIGNS

- Standard nozzles.
- Standard gating options.
- Standard manifold layouts.
- Custom manifold pitch ranges.

FIELD REPLACEABLE COMPONENTS

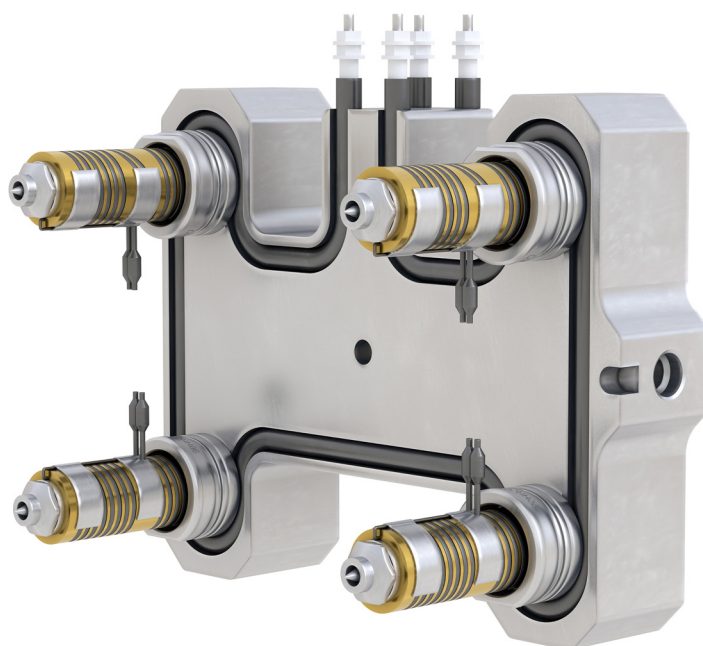
- Quick and simple to service.
- Replaceable nozzle and manifold heaters.
- Minimizes downtime and operating costs.

RAPID LEAD TIMES

- Drawings available within 48 hours.
- Delivery within 3-4 weeks.

GLOBAL SUPPORT

- Strong local aftermarket support.
- On-hand inventory of spare parts.
- Parts available with short lead times.



Available as a system only.

COMPATIBLE MATERIALS*

ABS	PS
PE	TPE
PP	TPO

Fillers/Additives not permitted



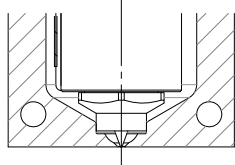
SPECIFICATIONS

NOZZLE RANGE		04	06	08	10	12	16
Shot size (g)		<10	<50	<150	<400	<1,000	<1,500
Runner ø	Non-Valved (mm)	4	6	8	10	12	16
	Valved (mm)	-	6	8	10	12	16
Pitch (Min)	Non-Valved (mm)	28	38	42	44	44	50
	Valved (mm)	-	54	61	70	86	104
Nozzle Bore ø (mm)		18	30	32	34	36	42
Length Range ¹ (mm)		50 – 140	60 – 160	60 – 180	50 – 160	50 – 200	70 – 300

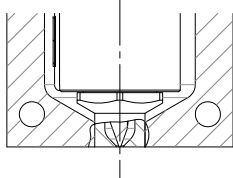
GATING OPTIONS

Non-Valved

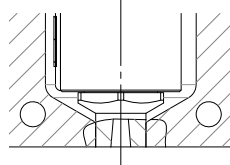
Point Gate
(Bodiless)



Point Gate
(Full Body +EXT)

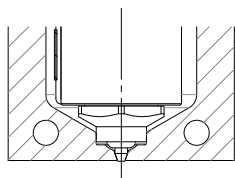


Sprue Gate
(+EXT)

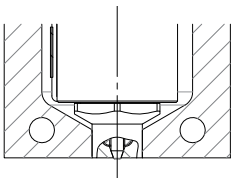


Valved (Tapered VP)

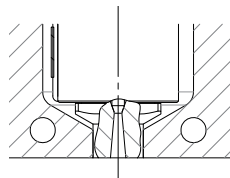
Bodyless Tip



Full Body Tip
(+EXT)



Sprue Tip
(+EXT)



ELECTRICAL CONNECTORS

Default

- MPLUG.12
(Customer supplies E-Box)

Alternative

- PTC12TBGTS
(DME connectors with complete E-Box assembly)

Optional

- E-Box EBOX0014

OPTIONAL COMPONENTS & SERVICES

- Locating ring
- Drool ring
- Application review
- Installation support



For peak performance and superior results, DME recommends using Smart Series Me temperature controllers with all EcoONE-Series hot runner systems.

For additional info in terms of Hot Runner solutions please contact:

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