



HOT RUNNER RFQ FORM

EcoONE
series

CUSTOMER DETAILS

Company: _____

Customer ID: _____

Contact Name: _____

Email: _____

Phone: _____

System Delivery Date: _____

End User: _____

Molder: _____

Drawings Email: _____

Sales Engineer: _____

APPLICATION TECHNICAL DETAILS

Part Name: _____

Part Weight: _____

Material: _____

Grade: _____

Industry: _____

No. of Cavities: _____

No. of Drops: _____

Gate Wall Thickness: _____

Cold Runner Weight: _____

Process/Mold Temp.: _____

Customer Supplied: 3D Files 2D Files Material Data Sheet

HOT RUNNER DETAILS

GATING DETAIL

Actuation: _____

Style: _____

Part Number: _____

NOZZLE DETAILS

Size: _____

Length (A): _____

Nozzle Body #: _____

Heater #: _____

MANIFOLD DETAILS

Layout: _____

XC: _____

X: _____

X1: _____

X2: _____

Y: _____

Y1: _____

Y2: _____

ØD: _____

Inlet: _____

ELECTRICAL PLUGS & EBOX

POWER CABLE

TC CABLE

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OPTIONS

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COMMENTS

Email your completed RFQ form to: EcoONEQuote@DME.net



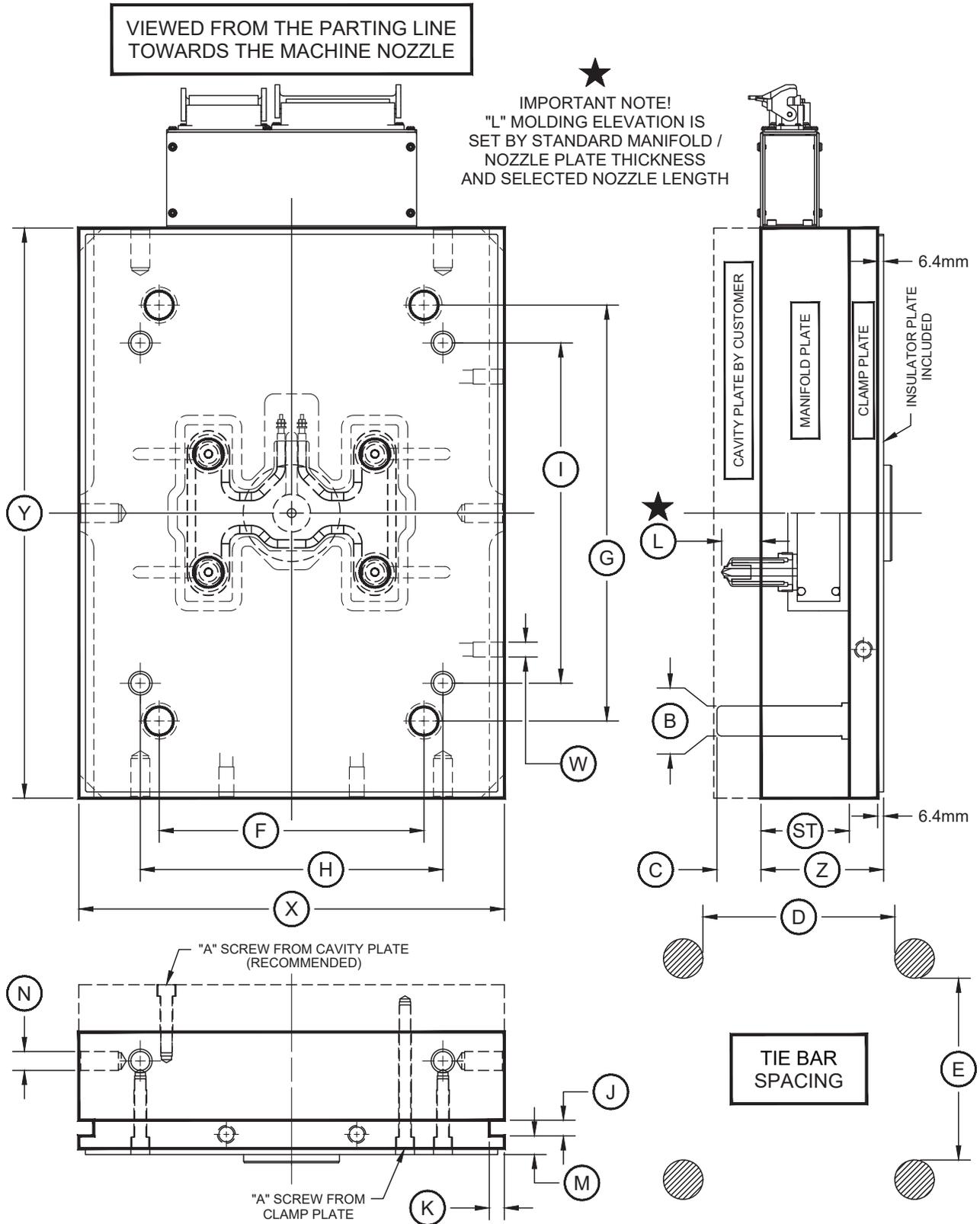
APPENDIX: HOT HALF PLATES ORDER OPTIONS

MEASUREMENT	FRAME / PLATE SIZE		LEADER PINS			CUSTOMER SELECTION/ VALUE
	METRIC	DIN	DIAMETER (B)	LENGTH	PROTRUSION (C)	
X	350mm	346mm	25mm	"ST" + "L" + 10mm (min)	"L" + 10mm (min)	
Y	400mm	396mm				
X	400mm	396mm	30mm			
Y	500mm	496mm				
X	600mm	596mm	40mm			
Y	600mm	596mm				
X	600mm	596mm	40mm			
Y	800mm	796mm				
X	800mm	796mm	50mm			
Y	800mm	796mm				
ST	Manifold Plate Thickness (see hot half design guideline chart)					
L	Molding Elevation (L= A - PS + ΔL) NOTE: Molding elevation (L) is automatically determined by the standard manifold plate required to accommodate the size and length of your nozzle selection as noted above. Please design according to the hot half design guidelines. L= A - PS + ΔL					
NOZZLE SIZE	04	06	08	10	12	16
STACK-UP HEIGHT (Z)	123mm	128mm	128mm	133mm	162mm	162mm
D	Tie Bar Spacing - Horizontal					
E	Tie Bar Spacing - Vertical					
F	X Leader Pin Dimension					
G	Y Leader Pin Dimension					
H	X Assembly Screw Dimension					
I	Y Assembly Screw Dimension					
"A" Assembly Screw (A) Size & Orientation						
"A" Screw Thread Type & Size						
From Cavity Plate (Recommended)						
From Clamp Plate						
J	Clamp Slot Width					
K	Clamp Slot Depth					
M	Clamp Slot Distance from Platen					
N	Lift Hole Thread Type & Size					
W	Water Line Thread Type & Size					
Water Lines Recessed (Y/N)?						

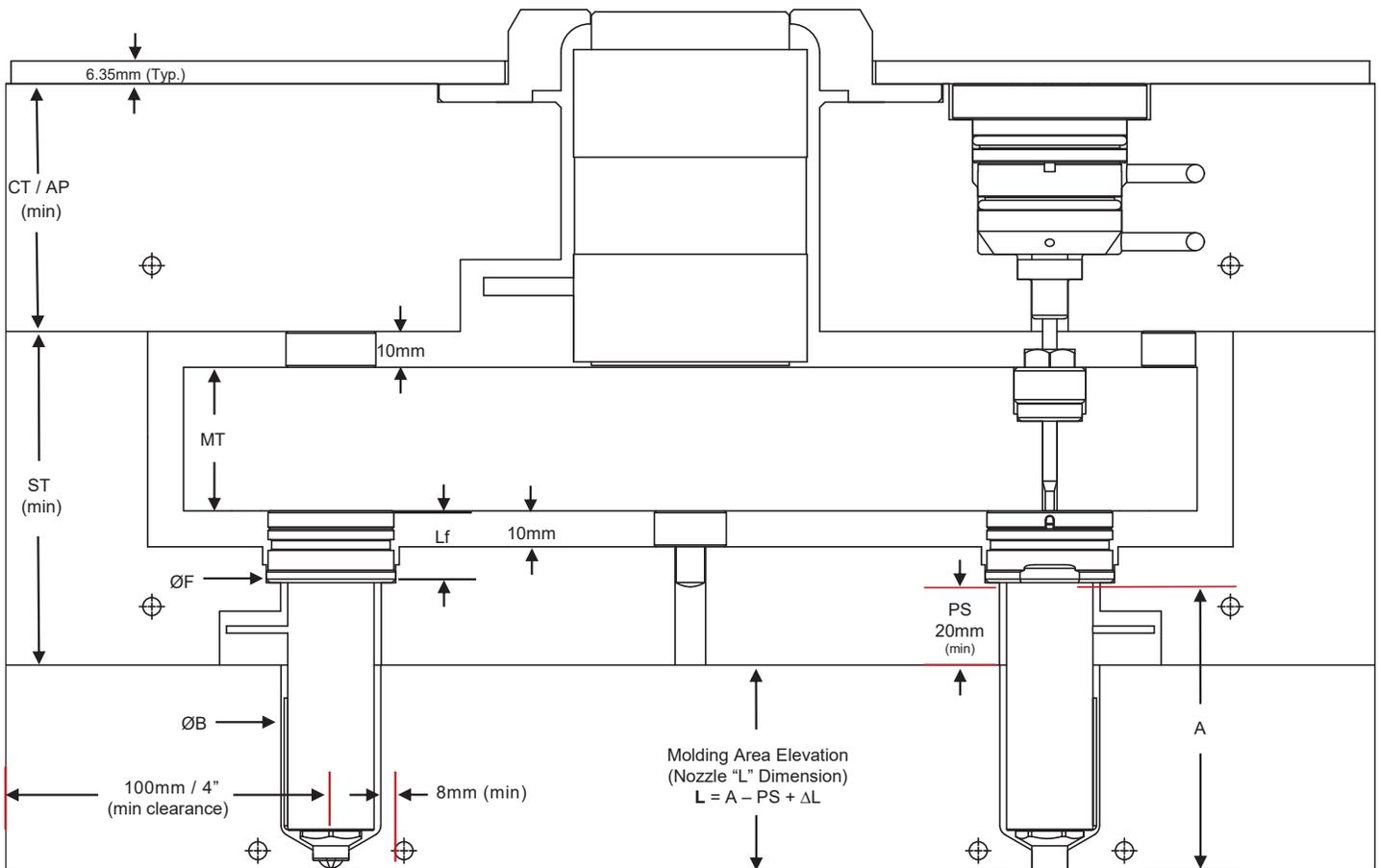
Notes:

1. Clearly Indicate gate / drop location coordinates on the mold drawing (0.0000" / 0.000mm)
2. Clearly indicate hot runner leader pin location coordinates on mold drawing (0.0000" / 0.000mm)
3. Clearly indicate assembly screw coordinates on mold drawing (0.000" / 0.00mm)

APPENDIX: HOT HALF MEASUREMENTS



APPENDIX: HOT HALF DESIGN GUIDELINES



NOZZLE SIZE		04	06	08	10	12	16
Nozzle Length Range	A	50-140	60-160	60-180	50-160	50-200	70-300
Nozzle Flange Height	Lf	15	20	20	20	20	20
Nozzle Flange Ø	ØF	26	38	42	44	44	50
Nozzle Bore Cut-Out Ø	ØB	18	28	30	34	36	42
Plate Split (Min)	PS	20	20	20	20	20	20
Manifold Thickness (Typical)	MT	40	45	45	50	60	60
Manifold Plate Thickness (Min)	ST	90	95	95	100	110	110
Clamp Plate Thickness - NV (Min)	CT	27	27	27	27	46	46
Actuator Plate Thickness - V (Min)	AP	-	70	70	70	80	80

Guideline only. Please reference final manufacturing drawings supplied with your order for full details and measurements.
Water lines are recommended in the clamp plate, manifold plate and nozzle plate.