# 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: -Select One-
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: -Select One-
Style: -Select One-
Part Number:

### NOZZLE DETAILS

Size: -Select One-
Length (A): -Select One-
Nozzle Body #:
Heater #:

## MANIFOLD DETAILS

Layout: -Select One-
XC:
X :
X1:
X2:
Y:
Y1:
Y2:
ØD:
Inlet: -Select One-

| ELECTRICAL PLUGS & EBOX | POWER CABLE | TC CABLE |
|---|---|---|
| -Select One- | -Select One- | -Select One- |

| OPTIONS | | | | |
|---|---|---|---|---|
| -Select One- | -Select One- | -Select One- | -Select One- | -Select One- |

**COMMENTS**

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

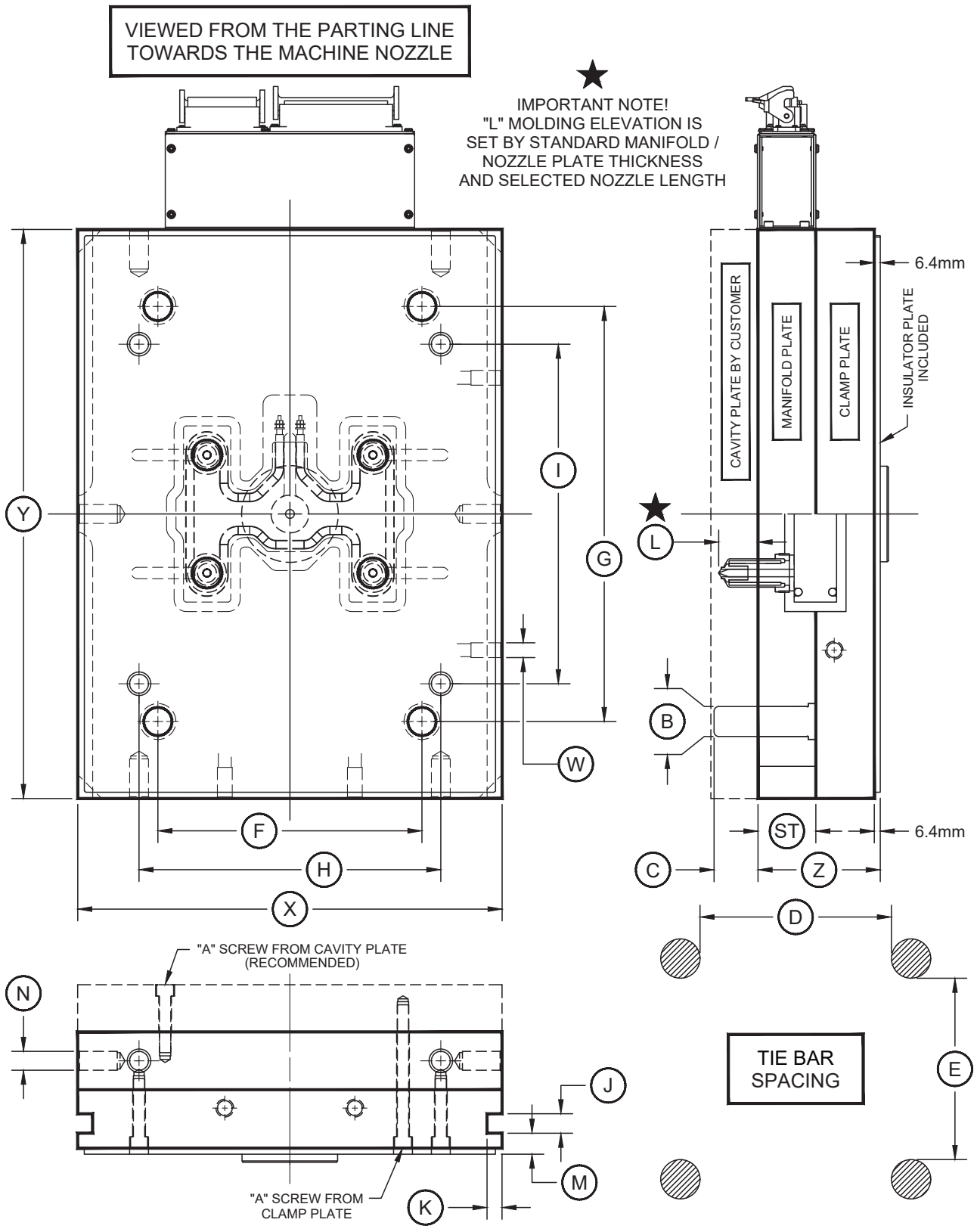
# APPENDIX: HOT HALF PLATES ORDER OPTIONS

| 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)**<br>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)** | **121.4mm** | **129.4mm** | **131.4mm** | **133.4mm** | **151.4mm** | **151.4mm** |
| 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)? | | | | | | |

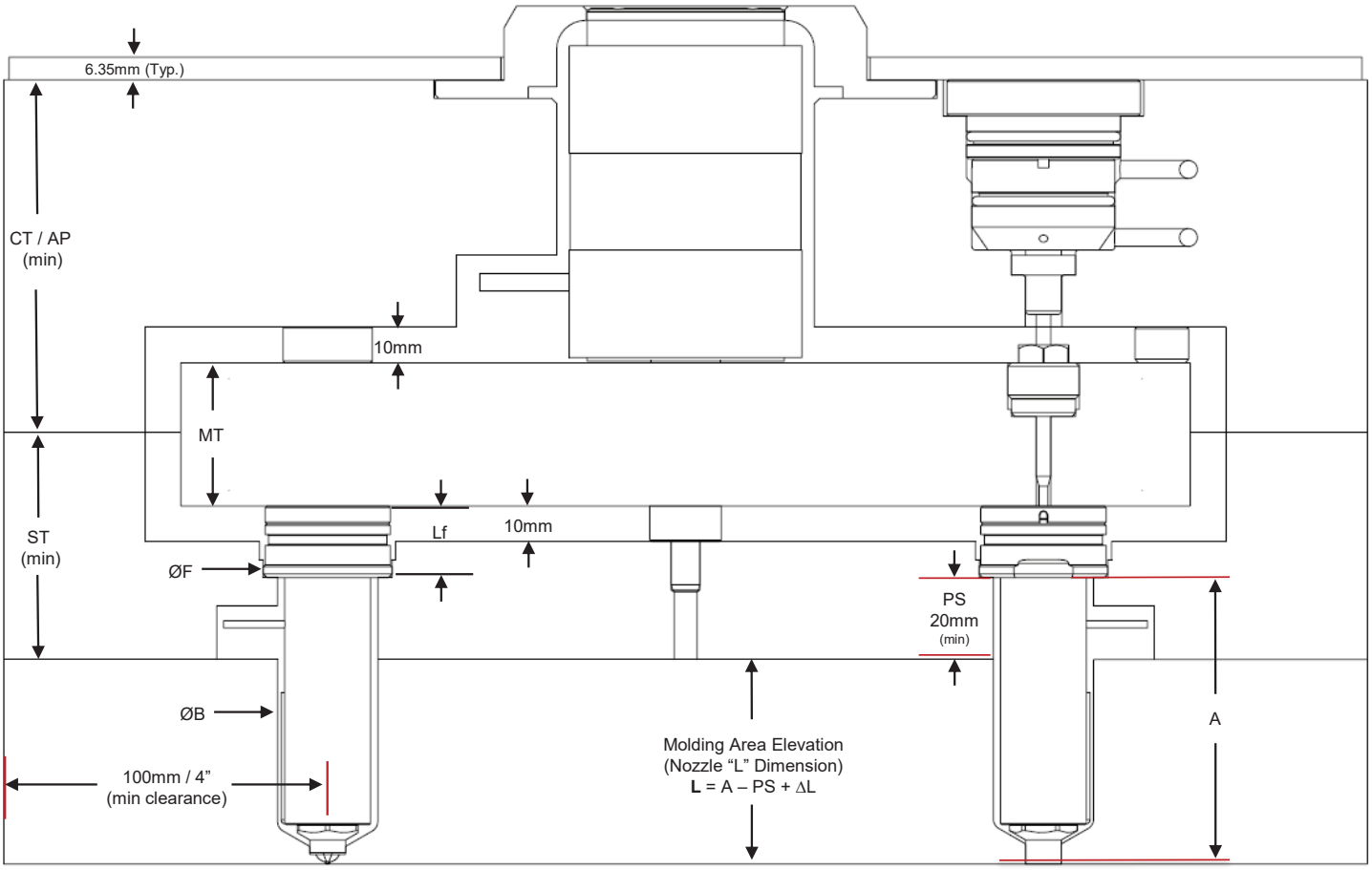
**Notes:**

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** | 55 | 63 | 63 | 65 | 70 | 70 |
| Clamp Plate Thickness - NV (Min) | **CT** | 60 | 60 | 62 | 62 | 75 | 75 |
| Actuator Plate Thickness - V (Min) | **AP** | - | 102 | 102 | 105 | 120 | 120 |



Guideline only. Please reference final manufacturing drawings supplied with your order for full details and measurements.