



## Conformal Cooling Request Form

Your Company Name:

Your Contact: Name:

Your Contact Phone:

Your Email Address:

Part Name:

Part Description:

Project Status:  Budgetary  Active

Primary importance:  Cost  Timing

### -----Services Requested-----

- Printing of insert(s)
- Analysis process

### -----Analysis process desired-----

- Fill
- Pack
- Cool (Thermal)
- Warp
- Conformal cooling channel design only, engineering services without insert printing

### ----- Need\Focus:-----

#### Mold Efficiency Improvement

- Improved cycle time
- Reduce cavity count

#### Quality Improvement

- Poor part to part repeatability
- Scarring
- Warpage
- High scrap rate
- Short/incomplete shot

### -----Material Desired-----

- Maraging Steel (MS-1)
- Aluminum (AISI10Mg)
- CX Stainless (Corax)

### INSERT – Cavity / Core Spec's

# \_\_ Quantity to print (per insert model provided, for varying quantities, please use notes section below.)

# \_\_ Standard mill stock is 0.6 to 0.8mm per side. Mill stock of 0.2 – 0.3mm per side can be provided at an additional charge.

# \_\_ Hardness level requested (min/max value bound to material selection; all targets vary by +/- 2HRC)

Locating detail required? Detailed in 3D CAD model

Machining clamp feet added to insert:

Insert to be printed and provided still on print plate. (Please specify print plate thickness desired in notes below)

### Notes:

SUBMIT