



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 (AlSi10Mg)
- ☐ 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