



Conformal Cooling Request Form

Your Company Name: Click here to enter text.

Your Contact Name: Click here to enter text.

Your Contact Phone: Click here to enter text.

Your Email Address: Click here to enter text.

Part Name: Click here to enter text.

Part Description: Click here to enter text.

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)
- 17-4 Stainless
- 15-5 Stainless
- 316L Stainless
- Inconel 625
- Inconel 718
- Aluminum (AlSi10Mg)
- CX Stainless (Corax)
- H-11 (1.2343)
- H-13 (1.2344)
- 420 Stainless (1.2083)
- S7 (1.2355)
- Dievar (1.2367)

INSERT – Cavity / Core Spec's

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

__ Mill Stock requested (min 0.025" / 0.635mm)

__ 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:
Must be detailed in 3D CAD model

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

Insert to be printed onto existing customer made base object (may be subject to fixture costs, shown as additional line item)

Notes: