

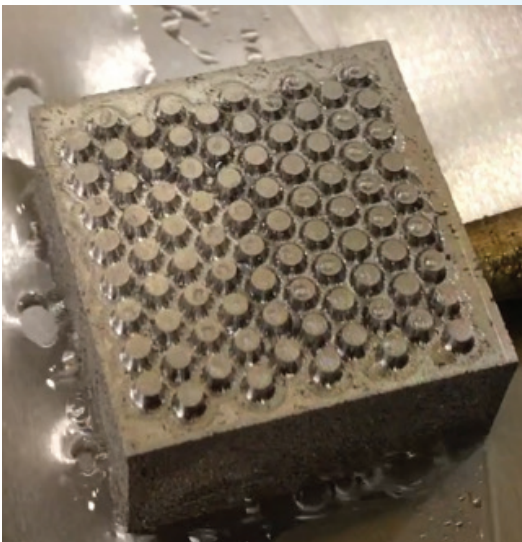
# PG Optics

Although it has been slow at Proper Tooling, the 3D printer has been busy. We have printed over 150 inserts in the past few months.

**Brian Hoppe**  
Optics Leader

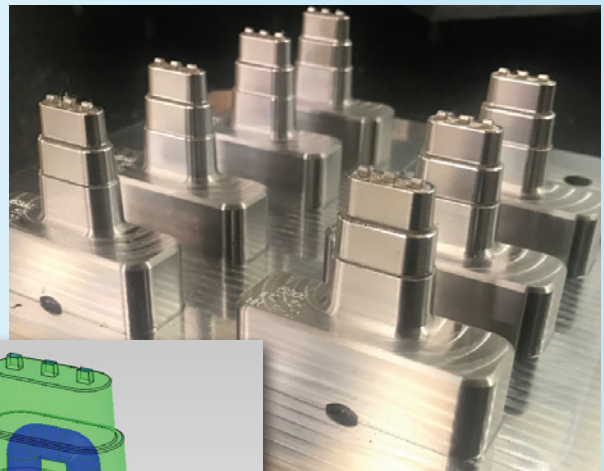
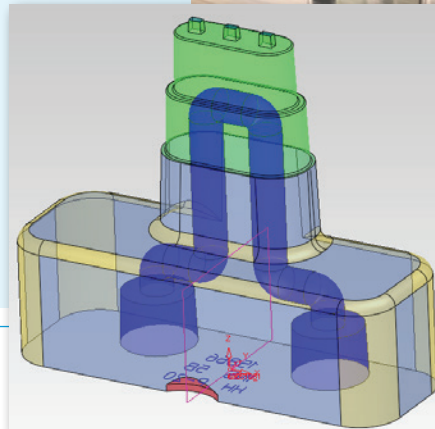


15780, 15782, 15782 Cashew Gate Inserts



## Laser Technology Test

New Settings for the laser have been developed that allow the density of the steel to be changed creating a self venting material. (notice the air bubbles in the picture)



15866 Conformal Cooling Inserts