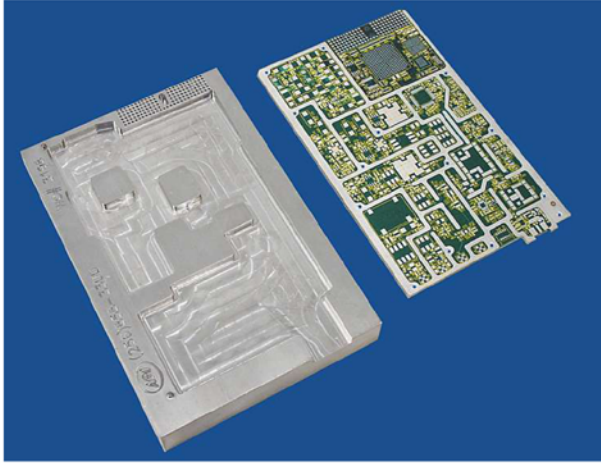




Press Fit & Top Die Tooling

Press Fit &
Top Die Tooling



**Press Fit Tooling
from 6061 Aluminum**

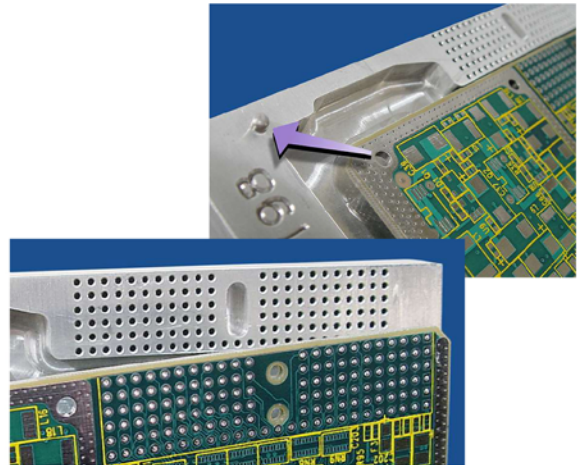
AGI's Press Fit Tooling can be manufactured from either 6061 Aluminum plate or G-10. All that's required to manufacture the tooling is your Gerber file and back side connector part heights if applicable.

The plate thickness is based upon back side connector heights. Minimum thickness is $\frac{1}{2}$ ". Our design techniques are based upon sound processing practices. We drill each hole to be approximately .005" - .010" greater in diameter than the barrel I.D. This ensures that the annular ring is supported and cannot be damaged. We also design proper support around the connector to ensure no damage to the PCB occurs. Back side SMD's and components are pocketed for clearance. The tooling includes (2) tooling pins for locating the PCB in place.

Top Die Tooling is made from Hardened Steel and precision machined to the manufactures' tolerances using EDM process. These can be designed from your connector data sheets.

FEATURES AND BENEFITS

- Engraved identification numbers and other information required for efficient location and positioning of the PCB.
- Prevents cracking of the PCB and components during the pressfit operation.
- Dedicated tooling reduces defects and damage caused by operator error.
- Each annular ring is supported to prevent any damage.
- (2) tooling pins ensure the PCB is located properly.
- Manufactured from 6061 Aluminum plate. In either $\frac{1}{2}$ ", $\frac{3}{4}$ " or 1" thickness.



**Holes Drilled to Clear
Pins, but Support
Annular Ring**

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