

DME Large Mold Bases for Medical and Packaging Applications



Precision machined mold bases and plates with lengths up to 90"

- Fully machined Ultra-premium, custom and specialty mold bases, plates and frames for high cavitation injection molding and die casting
- Mold base/plate assembly (bushings, pins, pillars, etc.)
- All finishing operations executed in climate-controlled areas
- Manufacturing capacity of 300 fully machined mold plates per month
- All plates 3D-measured and delivered with measurement report



Proven medical and packaging specialization with high cavity injection mold base expertise

Manufacturing Capabilities

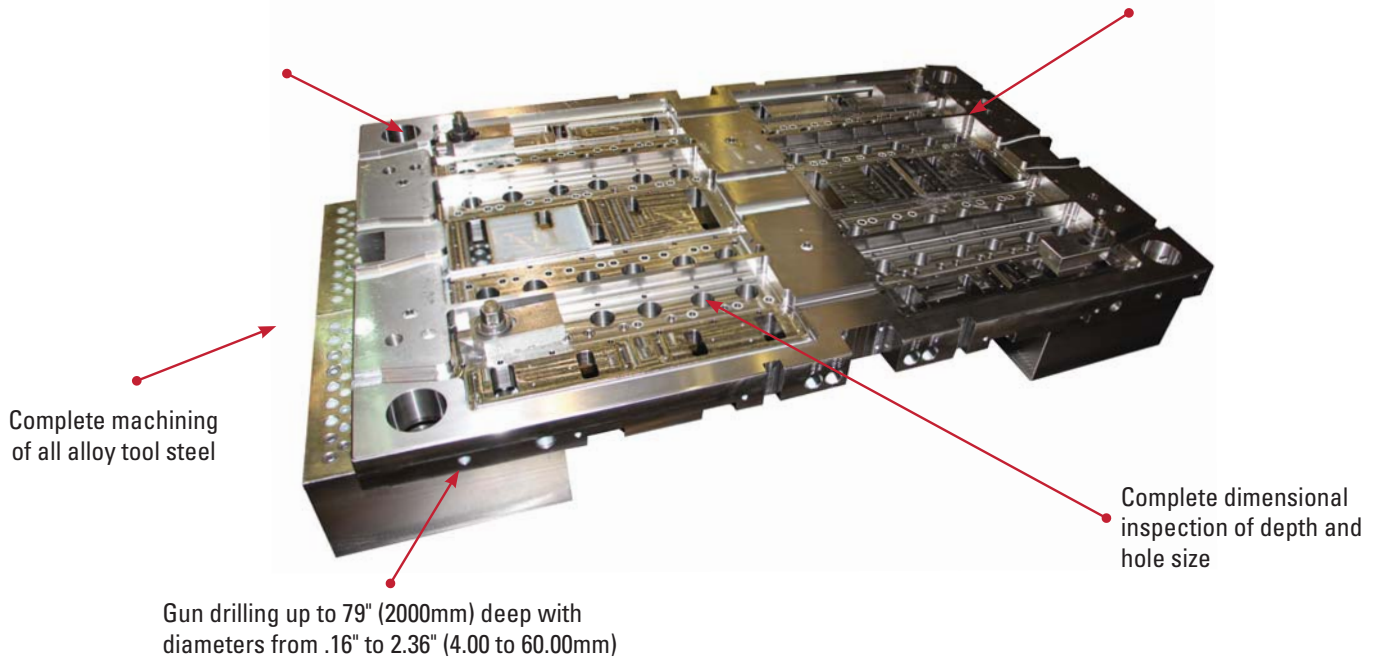
- Plate lengths up to 90" (2300mm)
- Plate widths up to 60" (1500mm)
- Plate thicknesses up to 39" (1000mm)
- Plate weights up to 6,600 pounds (3000kg) after machining
– 8600 lbs. (3900kg) before machining
- Proven medical and packaging market specialization;
Also specialize in automotive, caps & closures,housewares and PET preform applications

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Tolerance up to: +/- .0002" (+/- 0.005mm)

Position accuracy: +/- .00019" per 39.37" (0.005mm per 1,000 mm)



Steel Material Options

- Precise machining of all alloy tool steels
 - DME #7 stainless steel (1.2085)
 - DME #3 P-20 modified steel (1.2312)
 - DME #1 steel (1.1730)
 - DME #5 H-13 hot work die steel (1.2343)
 - DME #2 steel (1.2312)
 - DME #6 stainless steel (1.4028)
 - Uddeholm RoyAlloy™
 - Many other types (including customer provided)

Special Machining Plate Work

- Custom mold bases (especially for high cavitation)
- Mold plates, frames and other components
- Clamping plates, stripper plates, cavity plates, etc.
- Hot runner manifold plates
- Parting line plates
- Insulator plates, rails, etc.