

Clarity. Accuracy. Reliability.

# Precision Machining In-House Capabilities

- ★ Machining
- ☆ Ancillary Processes
- ⊕ Coatings

## CONVENTIONAL METALS

	EDM ★	Grinding ★	Lapping ★	Milling ★	Turning ★	Brazing ☆	Ion Milling ☆	Photo Etch ☆	Precision Cleaning ☆	Heat Treat ☆	Stress Relieve ☆	Thermal Cycling ☆	Assembly ☆	Chem. Mill / Etch ☆	Plasma Spray ⊕	Anodize ⊕	Chromate Conversion Coating ⊕	Nickel Sulfamate Plate ⊕	Nickel Plate ⊕	Gold Plate ⊕	Black Nickel Plate ⊕	Copper Plate/ Strike ⊕	Passivation ⊕	Painting ⊕	
Aluminum																									
Alloys, Castings and Forgings	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Carbon Steel																									
Alloys and Forgings	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Copper	●	●	●	●	●				●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Stainless Steel																									
Alloys, Castings and Forgings	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

## EXOTIC METALS

Beryllium	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Be-Al																									
Alloys and Castings	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Be-Cu	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Borzon	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chromium	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cobalt	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Columbium /Niobium	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-Materials																									
E-20	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-40, E-60	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hafnium	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gold	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Invar	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Magnesium	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Manganese	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Metal Matrix	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Molybdenum	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nickel Alloys																									
Hymu-80™	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Inconel	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Waspalloy / Hastalloy	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tantalum	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Titanium	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tungsten	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Silver	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Zirconium	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

\* Phosphate coating

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- ★ Machining
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- ⊕ Coatings

## NON METALS

	EDM ★	Grinding ★	Lapping ★	Milling ★	Turning ★	Brazing ☆	Ion Milling ☆	Photo Etch ☆	Precision Cleaning ☆	Heat Treat ☆	Stress Relieve ☆	Thermal Cycling ☆	Assembly ☆	Chem. Mill / Etch ☆	Plasma Spray ⊕	Anodize ⊕	Chromate Conversion Coating ⊕	Nickel Sulfamate Plate ⊕	Nickel Plate ⊕	Gold Plate ⊕	Black Nickel Plate ⊕	Copper Plate/ Strike ⊕	Passivation ⊕	Painting ⊕
Aluminum Oxide		●	●						●															
Beryllium Oxide		●	●						●															
Carbon		●	●	●	●				●															
Ceramics		●	●						●															
Delron™				●	●				●				●											
Ferrite		●	●						●				●											
Fused Quartz		●	●						●				●	●										
Fused Silica		●	●						●				●	●										
Germanium		●	●						●															
Nylon			●	●	●				●				●											
Pyro-Ceram™		●	●						●				●											
Sapphire		●	●						●															
Teflon™				●	●				●				●											
Zerodur™		●	●						●				●											



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