

# VACCO®

## Precision Etched Parts

Aerospace • Filtration • Fuel Cells • Medical Devices • Scientific Controls

## VACUUM FURNACE DIFFUSION BONDING

### CAPABILITIES & FEATURES

#### Variety of Materials

- Stainless steel
- Titanium
- Copper
- Nickel and more

#### Range of Bonding Thickness

- .001" to 10"

#### Hot Zone Size

- 12" x 12" x 12"

#### Accuracy

- +/- .002" with proper fixturing alignment in multi-layer assembly

#### Temperature

- Maximum 1315° C

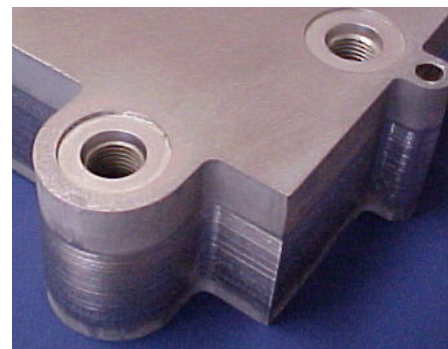
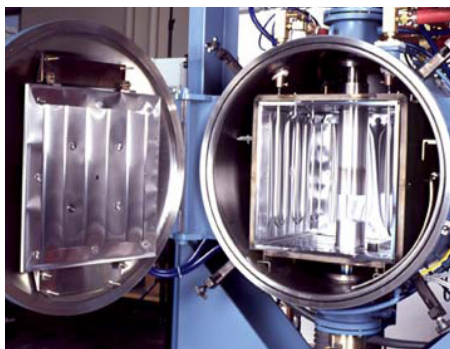
#### Fixtures

- Ceramic
- Molybdenum
- Stainless steel

#### Hermetic Sealing

Available upon request with any of the following testing methods:

- Pressure
- Bubble
- Leak



RELIABLE HERITAGE • INTELLIGENT SOLUTIONS



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