

LASER WELDING DEFENSE APPLICATIONS

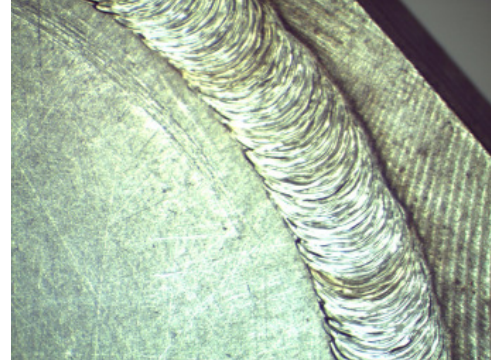
Laser Welding Application

Material

Stainless Steel -- 17-4, 316L, 316,
304L, 304
Cobalt Chrome
Hastalloy
Inconel

Laser Type

Fiber Laser (Power = 500 W)
Pulsed Nd:YAG (Power = 200W)



Pin Weld = Cobalt Chrome

Support Services

Tensile Testing
Helium Leak Testing
Torque Testing
Raw Materials Management
Outsourcing Manufactured Parts
Electropolishing/Passivation
Prototype Development
Process Validation

Example Defense Applications

Next Generation Weapons
Micro Air Vehicles
Sensor Applications



Tube Weld = 304 Stainless Steel

ISO 9001:2000 Registered

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