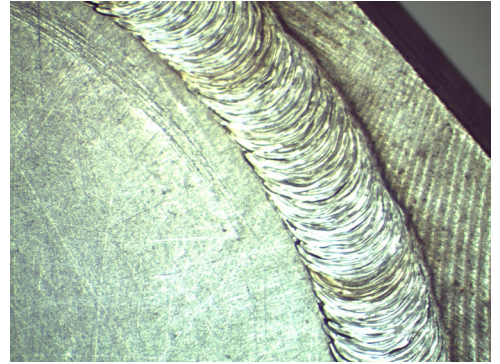


LASER WELDING MEDICAL APPLICATIONS

ISO 9001:2008 Registered
ISO 13485:2003 Registered

Example Medical Applications

Orthopaedic instruments
Spinal Implants and Instruments
Intravascular tubes
Endoscopic tools
Biopsy instruments



Pin Weld = Cobalt Chrome

Material

Stainless Steel -- 17-4, 316L, 316,
304L, 304
Titanium
Cobalt Chrome
Nitinol



Seam Weld = 17-4 Stainless Steel

Support Services

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



Tube Weld = 304 Stainless Steel

Laser Type

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

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