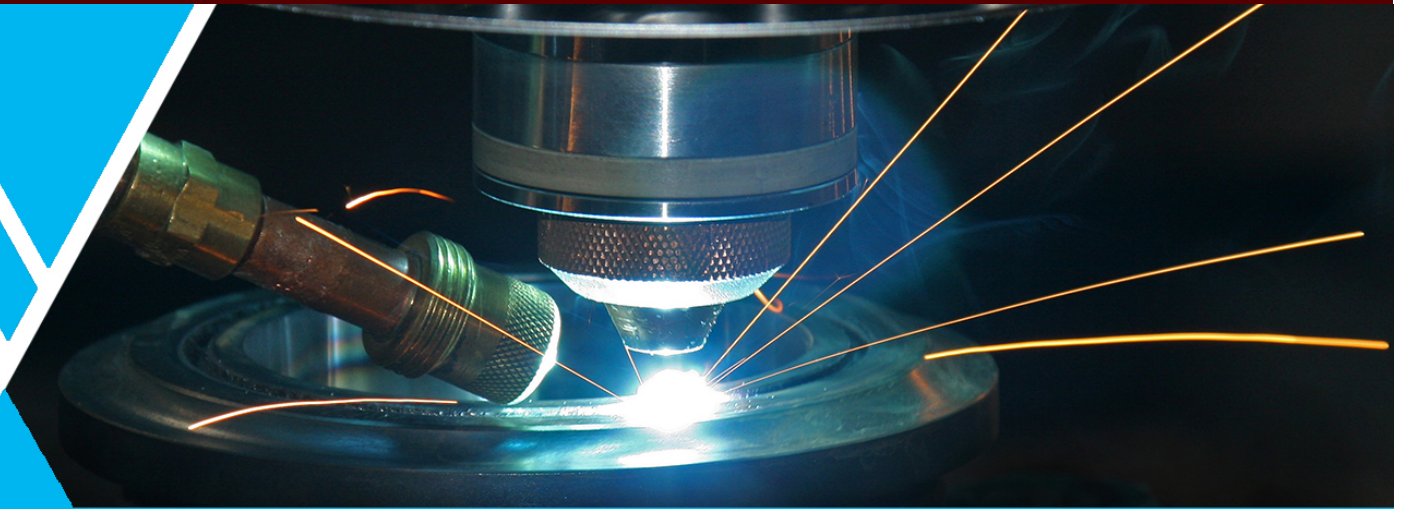
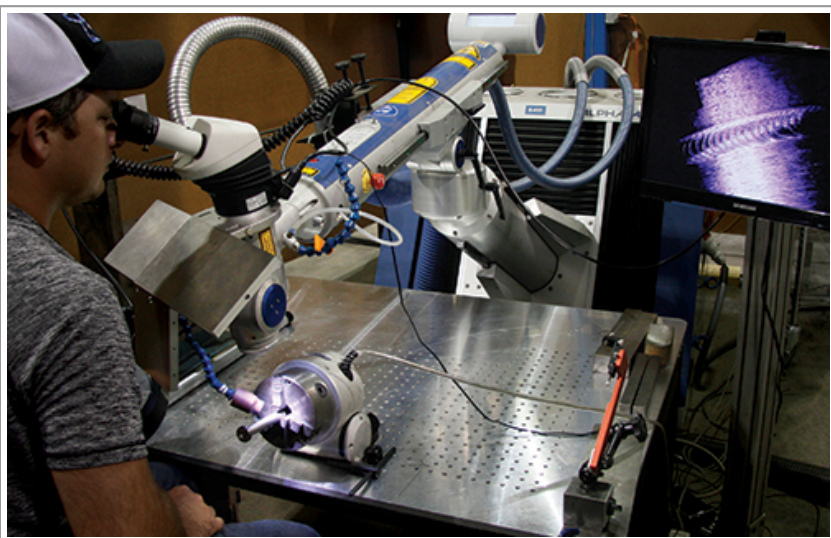
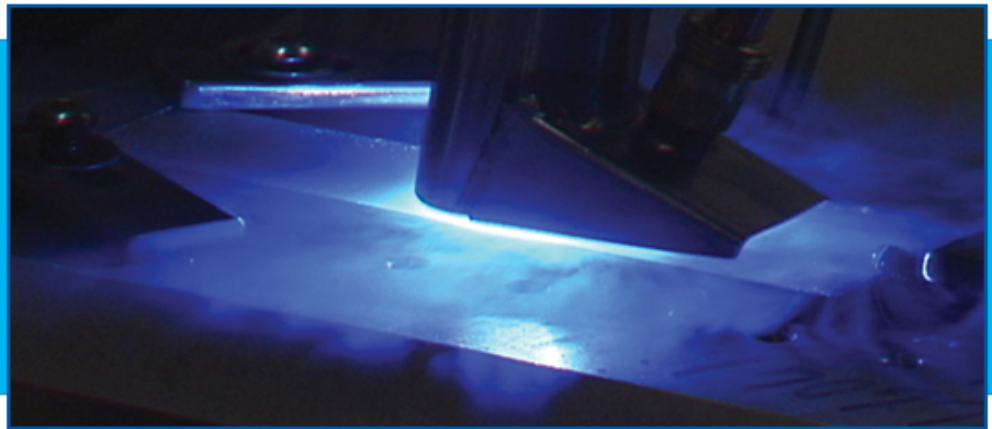




Laser Welding Services

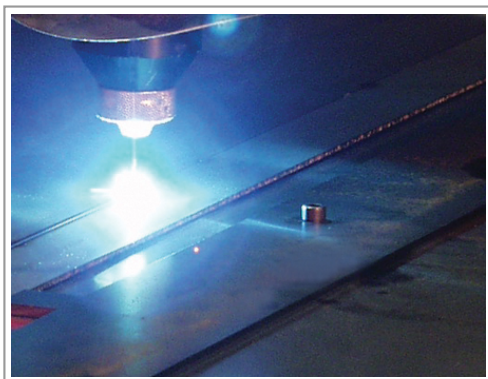


Laser Welding Services

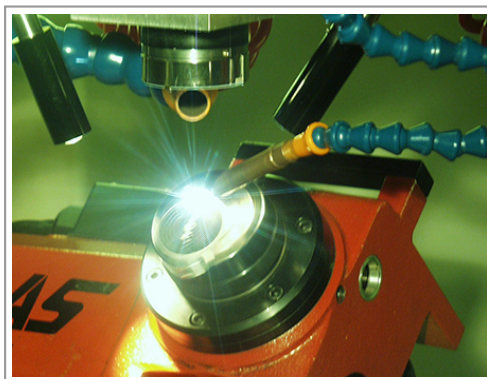


Alabama Laser uses CO2, Nd:YAG, and fiber laser systems for welding. Our Nd:YAG laser systems offer fiber optic beam delivery to ensure a precise, clean weld with a minimal heat-affected zone.

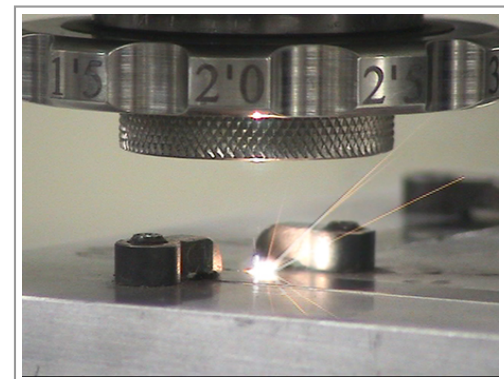
Laser welding is particularly useful in the welding of dissimilar metals. Laser welding opens up many different configurations and innovative joint designs which were previously unachievable with conventional welding methods.



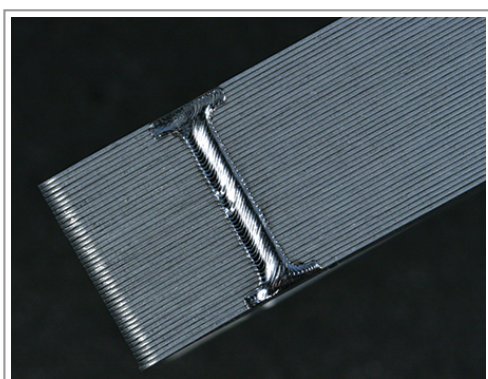
Laser welding with CO2 laser



Laser welding with Nd:YAG laser



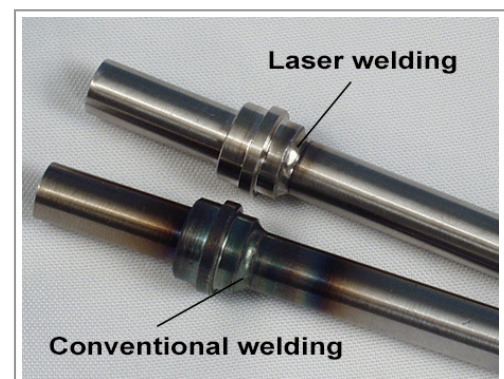
Laser welding with fiber laser



High-speed laser pattern welding



Keyhole laser welding - full penetration on 1/8" Inconel 800



Heat-affected zones Laser welding vs. conventional welding

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