

Laser Welding with Inert Gas of Various Jewelry Designs

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In Jewelry production, the laser welding has become an essential tools. It has been used for repair and upgrading the design. The control parameters which are laser parameters, welding method, inert gas, and operator skills were studies in various jewelry designs both silver and gold. Each jewelry design required different laser parameters and welding methods. Inert gas help improving the appearance of the joint. Moreover, mechanical strength of laser welding was investigate.

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