

Induction Brazing steel mold

United Induction Heating Machine Limited

We are experienced in Induction Heating, induction heating machine, Induction Heating equipment. They are widely used in induction heating service, induction heat treatment, induction brazing, induction hardening, induction welding, induction forging, induction quenching, induction soldering, induction melting and induction surface treatment applications
<http://www.uihm.com>

Objective Heating steel golf ball mold to brazing dimple insert

Material Golf ball mold 2" in diameter, braze flux paste, dimple insert

Temperature 1400 °F (760 °C)

Frequency 206 kHz

Equipment • Power of 20 kW induction heating system, equipped with a remote workhead containing two 0.5µF capacitors for a total of 0.25 µF

- An induction heating coil designed and developed specifically for this application.

Process A four turn helical coil is used to heat the golf ball mold to 1400°F (760 °C) in 3 minutes and the dimple insert is brazed to the mold with braze flux paste.

Results/Benefits Induction heating provides:

- No flame process.
- Reliable, repeatable, non contact and energy efficient heat in minimal time.
- Even distribution of heating

brazing-steel-mold

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