

# Induction Heating steel rivets

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>

Heating steel rivets Objective Heating steel rivets prior to head forming

Material steel

Temperature 1292 °F (700°C)

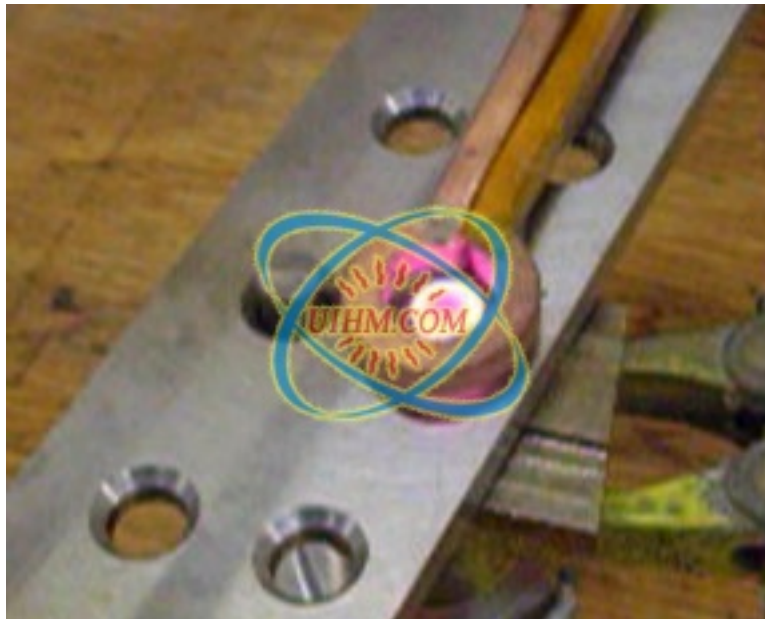
Frequency 83 kHz

Equipment • Power of 7 kW induction heating system, equipped with a remote workhead containing one 1.5µF capacitor.

• An induction heating coil designed and developed specifically for this application. Process A single turn solenoid coil is used to heat the rivet to 1292 °F (700°C) for 10 to 15 seconds prior to head forming. A hand held work head is used.

Results/Benefits Induction heating benefits:

- Easy to use because of the hand held unit and footswitch
- No flame or gas required
- Repeatable, fixed heat cycle
- Saves energy, only rivet head is heated



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