

Induction Annealing locknuts

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 To heat locknuts to 2150°F (1176°C) for annealing

Material Waspaloy locknut

Temperature 2150°F (1176°C)

Frequency 382 kHz

Equipment • UM-10AB-UHF induction heating system, equipped with a remote workhead containing one 0.66μF capacitor.

- An induction heating coil designed and developed

specifically for this application.

Process A three turn helical coil is used to heat the locknut to 2150°F for 5 seconds.

Results/Benefits Induction heating provides:

- Produces repeatable, rapid and accurate heating cycles

making it ideal for in-line production processes

- Can heat very small areas within precise production

tolerances

- Even distribution of heating

Annealing-of-locknut

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