

Induction bolt heater

DHF induction bolt heaters reduce working shifts for bolt loosening and tightening. Our induction bolt heaters improve work conditions, eliminating heavy hammering, burn injury hazards and the risk of bolt damage seen in conventional methods. Our standard heating coils are designed to prevent seizing, and highly flexible special heating coils can be inserted into a hollow bolt, even with obstructions above the bolt.

We sell induction bolt heaters and also provide on-site bolt heating services and training programs for personnel in the operation of the equipment.



Features

- Shortened heating time and working shifts, ensuring reduced downtime
- Thermal expansion on flanges allows precise fastening quality
- Water-cooled heating coils
- Elimination of heavy hammering
- Thread and stud portions are not heated to prevent seizing
- Applicable to existing hollow bolts
- Customers receive the special technical knowledge and methods that were jointly developed with Mitsubishi



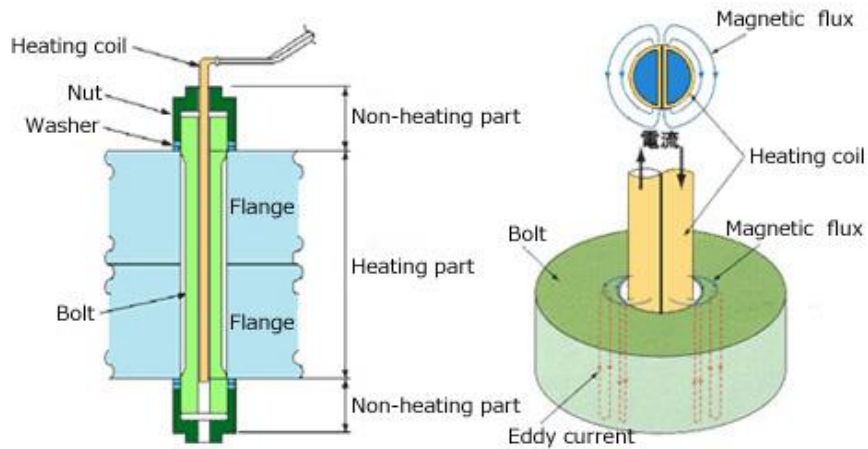
Applicable bolt sizes

- Outside diameter: 1.25 to 8 inch
- Center hole diameter: 9 to 56mm
- Bolt length: 150 to 1800mm

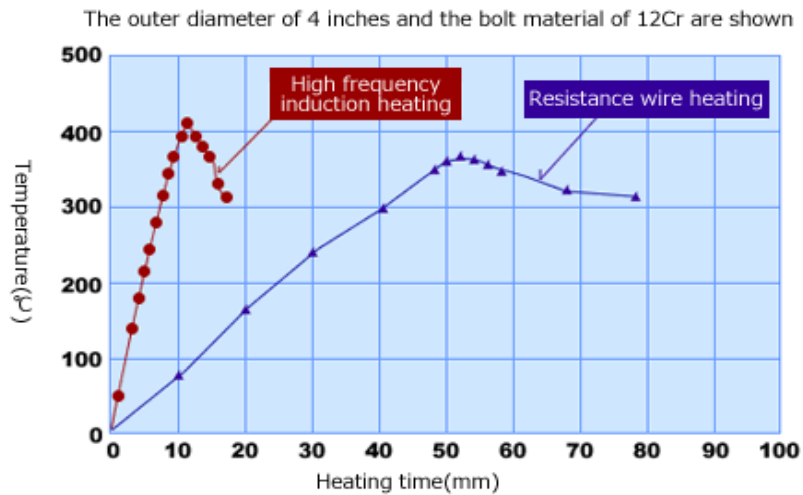


Principle

The high-frequency power supply flows to the heating coil and the magnetic flux occurs. The eddy current passes to the bolt and the joule heats up.



Comparison of heating time



Patent

Japan, Germany, France, England, Mexico, USA, Canada

Technical licensing company

[Integra Technologies \(USA\)](http://www.integra-tech.com)