RAPID-TORC
BIG NUTS - BIG TOOLS®
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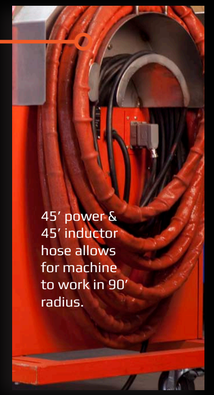
SPEEDORANGE
RAPID RESPONSE INDUSTRIAL SERVICES

Tear along the perforated edge. Remove this worksheet to determine the best inductor size. →

INDUCTOR SIZE SELECTION WORKSHEET

Built-in air/water heat exchanger
No water connection needed
HF generator power=20KW
Accepts any voltage from 250 to 500 volts
Worldwide operation without modification



45' power & 45' inductor hose allows for machine to work in 90' radius.

Orientable heavy duty casters with brakes and protective bumper.

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World class tools brought to you by your local distributor:

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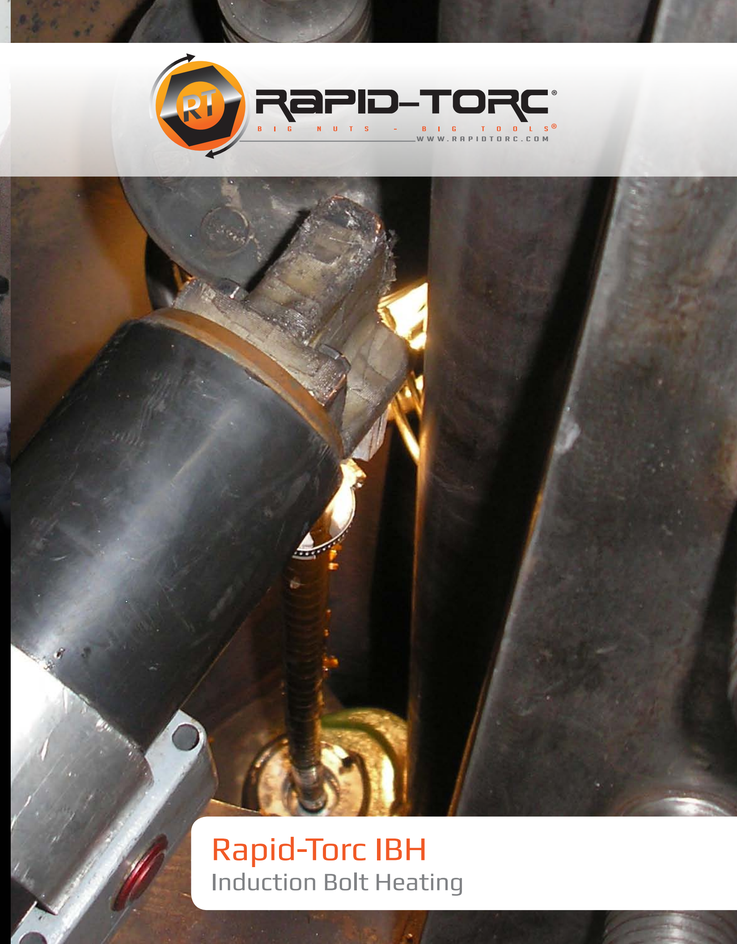

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Rapid-Torc IBH
Induction Bolt Heating

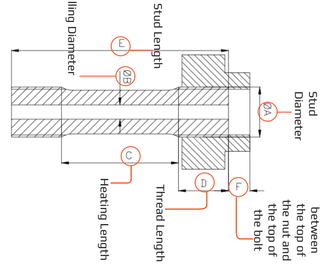
Rapid-Torc® IBH

INDUCTION BOLT HEATING

Advanced Bolt Heating
Rapid-Torc engineers saw an opportunity to greatly reduce wasted downtime. WIth costs for downtime quickly escalating, there had to be a way to work fast, safe and efficiently. Rapid-Torc IBH is the answer.

Rapid-Torc® IBH does not generate heat, as the case with electric, gas and radiant heating technologies. It uses induction heating, causing the bolt to heat itself. Induction heating occurs when a material capable of conducting electrical current, not necessarily ferrous or magnetic, is placed in a varying magnetic field. The material becomes heated as a result of hysteresis and eddy current losses. Hysteresis occurs with magnetic materials and is produced by retardation of the magnetization effect caused by the friction of the molecules, when the material is magnetized in one direction, then reversed at a very high frequency.

IBH Inductors are truly amazing. Rapid-Torc can customize the inductor for any size stud, and are designed to be flexible in case small adjustments are needed. Truly amazing components; truly amazing system. Here's how we determine the best design.



	Stud Diameter ØA	Drilling Diameter ØB	Heating Length C	Thread Length D	Stud Length E	Difference between the top of the nut and the top of the bolt F	
							Stud 1
							Stud 2
							Stud 3
							Stud 4
							Stud 5
							Stud 6
							Stud 7
							Stud 8

Use this worksheet to gather information about the application. This will help Rapid-Torc engineers customize the system for you.