

Innovation Alley

compiled by Fastener World



Spray-type Rust Remover Applicable to Threads

Japanese Engineer Inc. has added ZC-28 Spray type Rust Remover, suitable for wide spraying, to the "NejiSaurus" kit series.

Features:

1. Instantaneous reaction to rust. Rust removal of small parts completed within 3 seconds.
2. Neutral liquid for safety.
3. The liquid can seep into the tiny gap between the bearing surface and threads when sprayed at screws installed on components.
4. Applicable to automobiles, agricultural machines, pipes and so on.

Low-cost Bolt Loosening Inspection Technology

Shibaura Institute of Technology teamed with PhD researchers from University of Edinburgh and successfully developed a way to evaluate bolt loosening at low cost. They utilized ultrasonic vibrations inaudible to human ears to measure the frequency and axial force at the tip of a bolt through which they can inspect bolt loosening. This process doesn't rely on inspectors' skillfulness and is therefore simple, convenient and low-cost. This technology can be introduced into machines for thread loosening inspection.

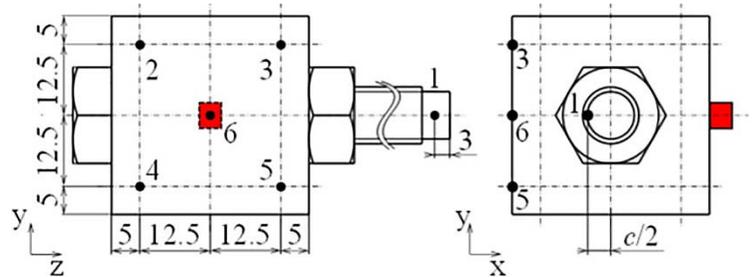


Image from Shibaura Institute of Technology press release

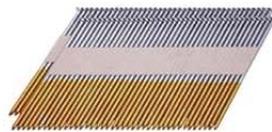


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Speciality Fasteners



Paper Strip

Head Type : Round / Clipped / Offset
Finish : Bright / EG / HDG / SS
Shank : Smooth / Ring / Screw



Plastic Strip

Head Type : Round
Finish : Bright / EG / HDG / SS
Shank : Smooth / Ring / Screw



Wire Coil

Head Type : Round
Finish : Bright / EG / HDG / SS
Shank : Smooth / Ring / Screw

Concrete Accessories



Threaded Rod

Dia : Metric :- M6-M60
Imperial:- 1/4"-3"
Finish : Bright / EG / HDG
Thread : Metric / UNC / UNF



Anchor Bolt / Foundation Bolts

Dia : Metric :- M6-M32
Imperial:- 1/4"-1-1/4"
Finish : Bright / EG / HDG
Grade : Low Carbon, Alloy & SS Steel



U Bolt

Dia : Metric :- M6-M32
Imperial:- 1/4"-1-1/4"
Finish : Bright / EG / HDG
Pipe : OD 12mm - 300mm (1/2"-12")

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