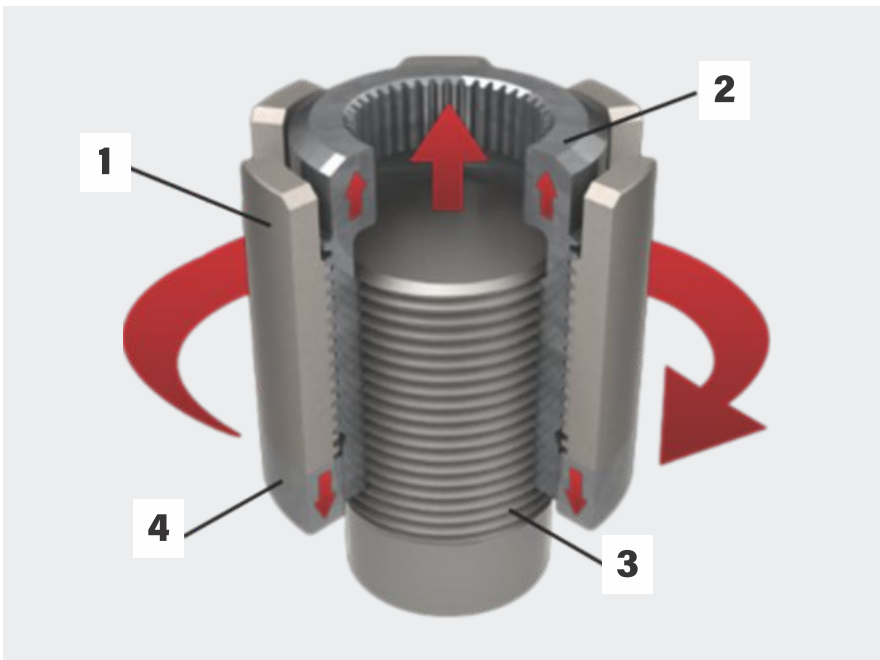




THE HYTORC NUT SERIES

The HYTORC Nut is a dual-spline mechanical tensing device that applies pure tension to a bolt, to prevent thread damage and ensure load accuracy. The patented three-piece design provides industry-leading joint integrity for critical applications, eliminating windup and ensuring even bolt load to eliminate joint failure and unintentional loosening. The HYTORC Nut is available in a variety of materials and configurations to suit a wide range of industries, environments and applications.

INTERNAL COMPONENTS



- 1) The outer sleeve rotates under the turning force applied by the torque tool.
- 2) The inner sleeve engages and stretches the stud vertically as the outer sleeve turns.
- 3) The washer spline couples the inner sleeve with the washer, preventing the inner sleeve from turning while providing a solid reaction point.
- 4) The washer bears against the flange and remains stationary as the outer sleeve turns.

CT SERIES - CHEMICAL STYLE NUT

The CT-Series Nut's thicker outer sleeve minimizes stress and allows it to handle high loads at elevated temperatures. The through-bolt design makes them ideal for applications with high stud protrusions from the flange.

GT SERIES - GAS TURBINE STYLE NUT

Originally specified for Gas Turbine applications to handle elevated temperatures, high stress and greater load to breakout factors. For oversized applications where higher loads and breakout torques are needed.

SN SERIES - LOW CLEARANCE STYLE NUT

The low-profile SN-Series Nut is the ideal choice for tight overhead restrictions where traditional fasteners can't fit. The through-bolt design is useful for situations where high stud extensions make standard nuts impractical.

TN SERIES - TURBINE STYLE LIMITED RADIUS NUT

Our most popular Nut! Designed to overcome the tight radial restrictions and high temperatures in steam turbine engines. When a bolted connection has a challenging counter bore or flanged radius, the TN-Series Nut will solve the problem.

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