

Torq N' Seal® Condenser Plugs

Specifications

- Max Service Temperature: **300°F (150°C)**
- Max Operating Pressure: **250 psi (1.7 MPa)**
- Plug Material: **6061 Aluminum / EPDM**
- Torque Value to Seal: **120 in-lbs (13.50 Nm)**
- Inner Diameter Range: **0.580" to 1.200" (14.7 to 30.5 mm)**



Part Number	Tube ID Range
• TNS-ECP-0580	0.580" – 0.640" (14.7 – 16.3 mm)
• TNS-ECP-0625	0.625" – 0.710" (15.9 – 18.1 mm)
• TNS-ECP-0750	0.750" – 0.840" (19.0 – 21.3 mm)
• TNS-ECP-0875	0.875" – 0.960" (22.0 – 24.4 mm)
• TNS-ECP-1000	1.000" – 1.100" (25.4 – 27.9 mm)
• TNS-ECP-1125	1.125" – 1.200" (28.6 – 30.5 mm)

The Torq N' Seal® Elastomer Condenser Plug (TNS-ECP) is a cost effective, simple to install solution for all Condenser and Low Pressure Heat Exchanger tube plugging applications. The plug utilizes a proprietary ethylene propylene elastomer compound combined with a patented plug design to reliably seal leaking tubes without any special training or tooling required.

The Torq N' Seal® ECP snaps onto a 5/16" specialized holding Hex Capture Drive, included with every TNS-ECP purchase, then onto a standard 3/8" Square Drive Torque Wrench set to **120 in-lbs**. The Drive enables the installer to orient the plug in any direction without it releasing into the water box or vessel head. The plug is inserted into the leaking tube until the rubber portion is all the way into the tube.

When the Drive is turned clockwise the eccentric cam will actuate, locking the plug body in place. This allows the Hex Cap Screw to drive into the plug body, to compress and expand the Elastomer seal. These plugs only require tightening to **120 in-lbs**. and the molded seal will conform to any discontinuities in the tube and create a positive tubesheet seal up to **250 psi at up to 300°F**.



85 Industrial Avenue, Little Ferry, New Jersey U.S.A. 07643
Phone: (201) 641-2130 /// Fax: (201) 641-2309 /// Email: SALES@JNTTECHNICAL.COM