UNRIVALED PRECISION AND SERVICE LIFE

Increase tire life and reduce premature wheel seal failure with the proven performance of the Pro-Torq® axle spindle nut. With back off increments down to 0.001 inch and exacting cup and cone alignment on the spindle, nothing compares to the reliability and precision of Pro-Torq.

**Increased Tread Life**
Controls axial motion, holding bearing end play near zero for longer tread life.

**Precise Bearing Adjustment**
Minimizes premature seal failure and improves seal and brake lining programs.

**Infinite Bearing Adjustment**
Allows 0.001 inch back off increments to keep bearings aligned, running cooler and lasting longer.

**Improves ABS**
Helps ensure accurate wheel-speed monitoring on anti-lock braking systems.

**Single-Nut Design**
Eliminates potential for overtightening the jam nut and pushing the outer bearing cone out of position.

**Easy to Install**
Only one nut means less time wasted trying to reposition multiple-nut assemblies.
**PRO-TORQ® AXLE SPINDLE NUTS**

<table>
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<tr>
<th>SPINDLE NUT APPLICATIONS</th>
<th>REPLACEMENT KEEPER PART NUMBER</th>
<th>THREAD SIZE</th>
<th>OUTER BEARING CONE / CUP</th>
<th>TOOL SOCKET</th>
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<td><strong>TRAILER AXLE</strong></td>
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<tr>
<td>STEMCO No. 447-4723</td>
<td>450-4723</td>
<td>3.480”-12</td>
<td>H518945 / H518410</td>
<td>4 13/16”-8 point (IDC # 1941)</td>
</tr>
<tr>
<td>STEMCO No. 447-4724</td>
<td>450-4723</td>
<td>3 1/2”-12</td>
<td>H518945 / H518410</td>
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<tr>
<td>STEMCO No. 447-4743</td>
<td>450-4743</td>
<td>2 5/8”-16</td>
<td>H0125204 / H0212001</td>
<td>3 3/4”-8 point (IDC # 1923)</td>
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<tr>
<td>STEMCO No. 449-4973</td>
<td>450-4973</td>
<td>3 1/4”-12</td>
<td>H518945 / H518410</td>
<td>4 3/8”-8 point (IDC # 1917)</td>
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</table>

| **STEER AXLE**            |                                |             |                         |             |
| STEMCO No. 448-4836      | 450-4836                       | 1 1/2”-12   | 3782 / 3720            | 2 1/2”-6 point (IDC # 1921) |
| STEMCO No. 448-4837      | 450-4837                       | 1 1/2”-18   | 3782 / 3720            | 2 1/2”-6 point (IDC # 1921) |
| STEMCO No. 448-4838      | 450-4838                       | 1 1/2”-12   | 3782 / 3720            | 2 1/2”-6 point (IDC # 1921) |
| STEMCO No. 448-4839      | 450-4839                       | 1 5/8”-12   | 45280 / 45220          | 3 1/8”-8 point (IDC # 1920) |
| STEMCO No. 448-4864      | 450-4864                       | 2”-12       | 5555 / 555A            | 3”-6 point (IDC # 1906) |
| STEMCO No. 448-4865      | 450-4865                       | 3 3/4”-12   | 5555 / 555A            | 3”-6 point (IDC # 1906) |

| **DRIVE AXLE**            |                                |             |                         |             |
| STEMCO No. 449-4904      | 450-4904                       | 2 7/8”-12   | 47479 / 47120          | 4 1/8”-6 point (IDC # 1915) |
| STEMCO No. 449-4973      | 450-4973                       | 3 1/4”-12   | 580 / 572              | 4 3/8”-8 point (IDC # 1917) |
| STEMCO No. 449-4974      | 450-4974                       | 2 5/8”-12   | 3984 / 3920            | 3 3/4”-8 point (IDC # 1925) |
| STEMCO No. 449-4975      | 450-4975                       | 2 5/8”-12   | 3984 / 3920            | 3 3/4”-8 point (IDC # 1925) |

**COST-SAVING INSTALLATION**

For more than 20 years, leading fleets have chosen Pro-Torq to deliver the longer service life they expect from today’s tires, wheel seals and bearings. Pro-Torq minimizes wheel-bearing adjustment variability, providing extended maintenance intervals and trouble-free performance from steer, drive and trailer axle wheel ends.

**TIGHT BEARING ADJUSTMENT CONTROL**

Pro-Torq gives fleets the ability to standardize wheel and maintenance practices and makes repeatable, close-tolerance bearing adjustment a reality. From technician to technician, when the Pro-Torq 2-1-1 adjustment procedure is followed, wheel-bearing end play adjustment of 0.001”-0.003” can be accurately achieved.

Pro-Torq avoids the extremes of preload and excessive bearing end play, giving fleets the tightest adjustment standard in the industry.

**FASTER TO INSTALL, EASIER TO LOCK**

Pro-Torq assures bearings are precisely and positively locked in position the first time, because with Pro-Torq there is no jamming, juggling, or wasting time working with multiple-nut assemblies. That’s because Pro-Torq uses only one nut.

Clearance in the threads of traditional jamming-type nuts can result in a wide range of final settings. Technicians can unintentionally impose preload on a bearing by over-tightening jam nut systems. As a result, the outer bearing cone can be pushed further up the spindle and out of its intended position.

Pro-Torq takes the guesswork out of bearing adjustment!

**PRO-TORQ ADVANCED AXLE SPINDLE NUT DESIGN FEATURES**

- **Superior Wear Resistance**
  - Bearing contact surface is induction-hardened. No washers required.

- **Flat Contact Surface**
  - Improves wheel bearing cup and cone alignment.

- **Highly Visible Adjustment Marks**
  - Give technicians precise control of nut back off amount during installation.

- **Infinite Locking Positions**
  - Nut and spring-steel keeper mate and lock at any point on the axle spindle in 0.001” axial increments.

- **Improved Threads**
  - Pro-Torq engages twice as many threads to firmly seat and lock wheel bearings securely.

**Making the Roadways Safer®**

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