STEMCO®

AXLE NUTS

ADVANCED AXLE SPINDLE NUTS

PRO-TORQ®

Longer Tread Life

Fleets save tires, wheels track truer. PRO-TORQ® controls axial motion, holding bearing end play near zero while maintaining exact cup and cone alignment on the spindle. This is good news for radial tires. PRO-TORQ® delivers the adjustment precision which experts agree is needed to maximize radial tire life.

Extended Wheel Seal and Bearing Service

PRO-TORQ® supports seal, bearing and axle manufacturers' specifications. With PRO-TORQ®'s tight control on wheel bearing adjustment, fleets minimize premature seal failure and improve extended seal and brake lining programs.

PRO-TORQ® compensates for normal bearing wear, permitting precise .001″ back-off increments at scheduled preventative maintenance intervals. This keeps bearings properly aligned, running cooler and lasting longer.

Improves ABS

PRO-TORQ®'s reliable low end play bearing adjustment and axial motion control helps assure accurate wheel end sensor monitoring of wheel speeds on antilock braking systems.

PRO-TORQ®

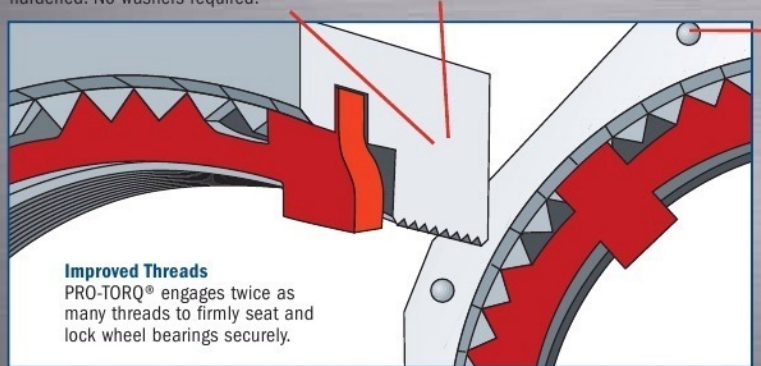
Advanced Axle Spindle Nuts

STEMCO®
A Higher Standard of Performance.™
an EnPro Industries company

SPINDLE NUT APPLICATIONS	REPLACEMENT KEEPER PART NUMBER	THREAD SIZE	OUTER BEARING CONE/CUP	TOOL SOCKET
TRAILER AXLE				
STEMCO No. 447-4723 Fruehauf Pro-par, Meritor TP *Axle date code post January 1, 2006	450-4723	3.480"-12	HM518445/ HM518410	4 13/16"- 8 point (OTC# 1941)
STEMCO No. 447-4724 22,500#-23,000# Eaton, EST 230-P, EST 225-P, P-22	450-4723	3 1/2"-12	HM518445/ HM518410	4 13/16"- 8 point (OTC# 1941)
STEMCO No. 447-4743 17,000#-22,500# Meritor, Dana, Eaton, Std Forge, Ingersoll	450-4743	2 5/8"-16	HM212049/ HM212011	3 3/4"- 8 point (OTC# 1925)
STEMCO No. 449-4973 Dana Est-230-P, *P22 Axles or TQ *Axle date code prior to January 1, 2006	450-4973	3 1/4"-12	HM518445/ HM518410	4 3/8"- 8 point (OTC# 1917)
STEER AXLE				
STEMCO No. 448-4836 12,000# Meritor, Navistar	450-4836	1 1/2"-12	3782/3720	2 1/2"- 6 point (OTC# 1921)
STEMCO No. 448-4837 12,000# Eaton, Ford, Meritor	450-4837	1 1/2"-18	3782/3720	2 1/2"- 6 point (OTC# 1921)
STEMCO No. 448-4838 Meritor	450-4837	1 1/2"-12	3782/3720	2 1/2"- 6 point (OTC# 1921)
STEMCO No. 448-4839 12,000#, 14,300# Mack	450-4839	1 5/8"-12	45280/45220	2 5/8"- 6 point (OTC# 1922)
STEMCO No. 448-4864 18,000#, 20,000# Mack	450-4864	2"-12	555S/552A	3"- 6 point (OTC# 1906)
STEMCO No. 448-4865 Meritor FL Series	450-4865	1 3/4"-12	555S/552A 3720/3979	3"- 6 point (OTC# 1906)
DRIVE AXLE				
STEMCO No. 449-4904 34,000#, 38,000#, 44,000# Mack	450-4904	2 7/8"-12	47679/47620 575/572 567/563	4 1/8"- 6 point (OTC# 1915)
STEMCO No. 449-4973 34,000#-46,000# Eaton, Meritor, Dana, Navistar, 50,000# Mack	450-4973	3 1/4"-12	580/572	4 3/8"- 8 point (OTC# 1917)
STEMCO No. 449-4974 Meritor, Eaton, Ford, Navistar	450-4743	2 5/8"-12	3984/3920 39590/39520	3 3/4"- 8 point (OTC# 1925)
STEMCO No. 449-4975 19,000# Dana, Navistar, Bluebird	450-4975	2 5/8"-12	3984/3920 39590/39520	3 3/4"- 8 point (OTC# 1925)

Good Wear Resistance
Bearing contact surface is induction hardened. No washers required.

Flat Contact Surface
Improves wheel bearing cup and cone alignment.



Improved Threads
PRO-TORQ® engages twice as many threads to firmly seat and lock wheel bearings securely.

Highly Visible Adjustment Marks
Give mechanics precise control of nut backoff amount during installation.

Infinite Locking Positions
Nut and spring steel keeper mate and lock at any point on the axle spindle in .001" axial increments.

Cost Saving Installation

For more than 10 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 variability in wheel bearing adjustment, which means extended maintenance intervals and trouble-free performance from steer, drive and trailer axle wheel ends.

Tight Control on Bearing Adjustment

PRO-TORQ® gives fleets the ability to standardize wheel end maintenance practices and makes repeatable, close tolerance bearing adjustment a reality. From mechanic to mechanic, PRO-TORQ® single nut systems and adjustment procedure will consistently secure the nut with wheel bearing adjustment accuracy in the range of .001-.003" end play.

PRO-TORQ® avoids the extremes of both preload and excessive bearing end play. It gives fleets the tightest adjustment standard in the industry.

Faster to Install, Easier to Lock

PRO-TORQ® assures that bearings are "positive" locked in precise position the first time. That's because PRO-TORQ® uses only one nut — no jamming, juggling or time wasted while repositioning multiple nut assemblies.

Clearance in the threads of traditional "jamming" type nuts can result in a wide range of final settings. A mechanic can unintentionally impose preload on a bearing by overtightening the jamnut. 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!