# **SPECIFICATIONS**

York Temper-Loc® nut Spindle part number	Spindle Type	Thread Diameter	Thread Direction	Outer Bearing part number
785939	TP	3.48"	RH	HM518445/HM518410
785837	TM	2.5"	RH	33213
785837	TN	2.5"	RH	HM212049/212011
785840	TQ	3.5"	RH	HM218248/HM218210

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York has a well established presence all across the social media network. It uses these platforms to not only give a regular company update but also educate all its members about the latest industry news and innovative developments. Following are the links that will take you one step closer to this knowledge hub



www.linkedin.com/company/york-transport-equipment/ in



WWW.YORKTRANSPORT.COM



The only system to guarantee a set preload for your wheel ends, achieved with the patented Temper-Loc® nuts and Doctor Preload® tools.



# LOWEST TOTAL COST OF OWNERSHIP

Behind Yorks equipment you'll find technology designed by highly skilled engineers to provide outstanding reliability and less operational downtime. Now with York's exclusive partnership with Temper Axle Products Corporation USA, for use of their patented Temper-Loc® nuts and Doctor Preload® tools, in our axles and after-sales market, we are able to offer end-users, fleets and transporters a superior product, that provides an extended tyre and wheel end life along with results in lower operational costs.

# **TEMPER-LOC® NUTS & DOCTOR PRELOAD®**



Designed and manufactured in the USA for heavy duty vehicles, the patented Temper-Loc<sup>®</sup> nuts and Doctor Preload<sup>®</sup> tools are built to enable customers, guickly and accurately adjust wheel-end bearings for optimum tyre life of heavy-duty trucks and trailers.



# **FACTS & FIGURES**

Improved tyre mileage is a compelling benefit: This graph shows the relative difference in tyre life at various bearing adjustments for trailer or drive axles. Commonly used loose settings of 0.002" to 0.005" endplay typically lose half to three guarters of potential tyre life, largely because loose wheels initiate and accelerate edge wear.



### **SIMPLY MILES AHEAD - SINCE 1950**

# **FEATURES & BENEFITS**

## Features

- Total control of wheel end bearing adjustment.
- Measured, precise preload settings with fine incremental adjustment.
- Precision single locking nut system.
- Fingertip retainer installation and removal (no tools required).
- Easy view verification of positive locking.
- Bright Yellow retainers for easy visibility.
- Ergonomic design for maximum safety.

# **GUARANTEED SET PRE-LOAD FOR YOUR WHEEL ENDS**

# York Precision System (YPS) Achieves Pre-load





### **Benefits**

- Extended Warrantv
- Lower maintenance cost for wheel end
- Longer bearing life
- Longer hub seal life (for outboard axles)
- Less equipment downtime
- Decreases end users maintenance costs



#### Pre-load (PL) A load resulting from an axial interference betweer the bearing's rolling elements and races resulting in no discernible axial wheel-end movement when a force is applied, first in one axial director and then in the opposite direction, after oscillating the whee end Endplay (EP) An axial clarance between the bearing's rolling elements and the races producing a measurable axial wheel - end movement when force is applied. first in one axial direction and then in the opposite direction, after oscillating the wheel - end. **Typical Wheel Bearing Life vs. Setting Curve** Peak Performance Zone Conventional Spindle Nut Systems York Pre-load set point 0.20 0.15 (mm) 0.006 0.007 008 (inches)

**SIMPLY MILES AHEAD - SINCE 1950**