

### Motor Wheel Cone Lock Nut



## ADVANCED WHEEL RETENTION

The forces and pressures of commercial trucking can loosen even properly torqued wheel ends. The STEMCO® Motor Wheel Cone Lock Nut employs an innovative, cone-shaped flange design which compensates for wheel end joint compression to provide an extra measure of safety.

### Uniform Compression

Similar to a Belleville spring washer, the flexible, cone-shaped flange provides a uniform clamp load against the wheel.

### Reduces Seating-In Torque Loss

Unique design creates higher clamp force during joint-setting process to reduce torque loss caused by paint, debris and surface irregularities.

### Corrosion Resistance

Teflon®-based coating deters corrosion for longer life and easier maintenance.

### Distinctive Identification

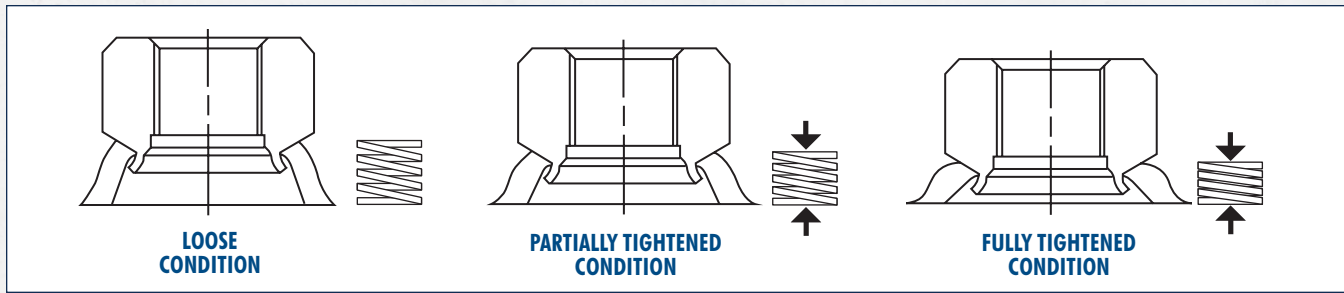
Genuine Motor Wheel Cone Lock Nuts have an "MW" marking for easier identification and to ensure authentic STEMCO reliability.

### Rugged Design

1 1/2" hex nut resists corner rounding.

# SECURITY AND CONFIDENCE IN ANY CONDITION

## HOW IT WORKS



The Motor Wheel Cone Lock Nut flange can be compared to an unloaded coil spring before it is tightened. As torque is applied, the flange is compressed, providing a uniform clamp load against the wheel.

When fully tightened, the flange is deflected (as illustrated above), which maintains a higher amount of clamp force during the joint-settling process after installation.

As the clamped joint relaxes, the Motor Wheel Cone Lock Nut flange remains sufficiently compressed to apply adequate clamp force, compared to the more rigid flange on typical fasteners which lets the clamp force drop off sooner.

*\*To maintain adequate clamp force, it is recommended that MOTOR WHEEL CONE LOCK NUT TORQUE SHOULD BE CHECKED AT REGULARLY SCHEDULED INTERVALS and retightened if necessary.*

## QUANTITY SIZE

PART NO.	SIZE	HEX SIZE	NEW QTY.
88881	M22 x 1.5, 1.38	1 ½ Hex, 2.00	60 pcs.*
90846	M22 x 1.5	33mm	90 pcs.

\*NOTE: New quantity size for 88881 as of April 1, 2016

## Making the Roadways Safer®

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