

# Genuine Motor Wheel Cone Lock Nut

## Advanced Wheel Retention Technology

Even with 500 ft-lb of torque, tightened wheel nuts will “settle in” after being placed into service. Paint, debris, and surface irregularities wear away in minute amounts, leading to a loss of torque.

Motor Wheel Cone Lock Nut #88881 offers more robust wheel retention than the typical 33 mm two-piece flange nut used on hub-piloted wheel mountings. It achieves this improvement by having a more flexible cone-shaped flange to reduce normal seating-in torque loss.

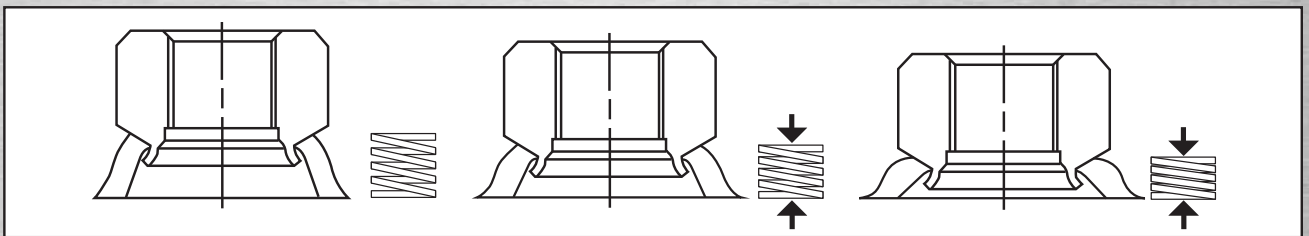
- Flexible cone-shaped flange reduces normal seating-in torque loss
- Belleville spring washer action provides a uniform clamp load against the wheel
- Teflon® based coating deters corrosion
- 1 1/2 inch hex to resist corner rounding



Genuine Motor Wheel Cone Lock Nuts have “MW” marking for identification.

Type	Part No.	Thread	Height	Wrench Size	Flange Diameter
Hub Pilot CLN	88881	M22 x 1.5	1.38	1-1/2 Hex	2.00

### How it Works



The Motor Wheel nut flange operates as a Belleville spring washer which 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 total thickness of the clamped joint diminishes, the Motor Wheel 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 **WHEEL NUT TORQUE SHOULD BE CHECKED AT REGULARLY SCHEDULED INTERVALS** and retightened if necessary.*

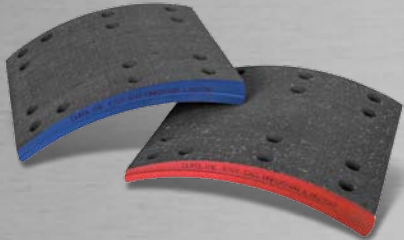


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