NYLOK® TORQ-PATCH® LOCKNUT

Prevailing Torque Locking Element

NYLOK® TORQ-PATCH® locknut is a self-locking element comprised of nylon permanently bonded into the threads of a nut. When the NYLOK® TORQ-PATCH® locknut is engaged it creates a wedge between the nut and mating part compressing the nylon and creating metal to metal contact opposite the patch. This metal to metal contact results in a positive resistance to vibration and loosening. Since nylon has great memory characteristics, this locking element can be reused several times.

Technical Data – NYLOK® TORQ-PATCH® Locknut

• Color — blue/red (special colors available upon request)
• Dry Wedge — immediate locking
• Temperature Range -56°C (-70°F) to +121°C (+250°F)
• Shelf-Life indefinite
• NYLOK® TORQ-PATCH® locknut is also referred to as TUF-LOK®

Typical Performance Results (M10 plain finish)

• Prevailing-On Torque 5.0 – 10.0 Nm
• First Removal Prevailing-Off Torque (without preload) min. 2.5 – 5.0 Nm
• Fifth Removal Prevailing-Off Torque min. 1.8 – 2.8 Nm

Advantages

• Reusable/adjustable
• Exceptional vibration resistance
• Resistant to lubricants, fuel, hydraulic fluids and most commercial solvents
• Can be applied to any size or thread configuration larger than a M6/1/4" nut
• Bonds to a broad range of fastener finishes

(continued)
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Advantages (continued)

• Complies with or exceeds IFI, DIN and major OEM specifications
• Provides a seal for threads
• Parts are ready for assembly
• Precise thread coverage in every part
• Is not affected by high humidity conditions
• Environmentally friendly/non-toxic
• 180° (standard) or 360° (optional) radial coverage
• Torque can be adjusted to meet specific applications
• Cost effective
• No metal removal to reduce fastener strength or performance

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<th>COMPANY NAME</th>
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A Marmon/Berkshire Hathaway Company

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