

PROBLEM SOLVER

PROBLEM:

Ordinary bolts and mismatched fastening systems are unreliable and unorganized.

- Bolts break, strip, bend, twist, elongate and otherwise fail.
- Hex nuts strip or seize.
- Flat washers bend, dish, or warp.
- Ordinary and mismatched fasteners fail in a maintenance application.



SOLUTION:

Tru-Torq® Fastening System

- Maintenance Engineered Fastening System with matched strength components.
- Highest grade alloy steel cap screws.
- High-strength, extra thick hex nuts.
- Thru-hardened flat washers.
- Cap screw and flat washer are size marked.



Tru-Torq® Fastening Systems provide:

- Greater safety margins
- Reduced downtime
- Lower installed cost
- Lot traceability
- Laboratory certification
- Greater reliability

Scan Code To
See it in Action



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Cap Screw Features:

- 180,000 average PSI tensile strength.
- Higher hex head.
- Vibration-resistant maintenance engineered UNJ thread design.
- Chamfered point.

Cap Screw Benefits:

- Reduced possibility of bolts breaking or stripping
- Easier wrenching
- Greater resistance to thread fatigue
- More efficient assembly



Hex Nut Features:

- Heat-treated, extra-thick hex nut.
- Polymer-coated threads.

Hex Nut Benefits:

- Higher wrench pads mean less wrench slippage.
- Reduced chance of hex nut stripping.
- Requires less torque to generate consistent clamp loads.



Flat Washer Features:

- Thru hardened
- Size marked on washer face.
- Exceeds SAE and ASTM specifications.

Flat Washer Benefits:

- Maximum clamping load without dishing or warping.
- Provides a smooth bearing surface for load distribution.
- Fully formed washer face for maximum seating ability.



APPLICATIONS:

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| • Amusement parks | • Food and beverage | • Off-road racing |
| • Agricultural | • Heavy equipment | • Packing plants |
| • Automotive | • Institutions | • Petroleum |
| • Circle track racing | • Manufacturing | • Timber |
| • Construction | • Marine | • Transportation |
| • Facilities | • Mining | • Truck and fleet |