PROBLEM SOLVER

Many Customers Have Experienced The Following:

**PROBLEM:**

*Ordinary bolts and mismatched fasteners*

- Bolts break, strip, bend, twist and elongate
- Bolts don’t have to break to fail
- Hex nuts strip or seize
- Flat washers bend, dish or warp
- Ordinary and mismatched fasteners fail in a maintenance application
- A fastening system is only as strong as its weakest link

**SOLUTION:**

*Lawson Metri-12 Fastening System*

- Maintenance engineered with matched strength components
- Highest-grade alloy steel cap screws
- High-strength extra thick hex nuts
- Thru-hardened flat washers

"Let me show you how it works"

All bolts look alike, but they don’t perform alike

**THE LAWSON METRI-12 FASTENING SYSTEM PROVIDES:**

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

**APPLICATIONS:**

Maintenance and repair, and high-stress and high-impact OEM applications in the following industries:

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

Available in Individual Sizes or Pre-Planned Assortments

cont. on next page
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**CAP SCREW FEATURES:**
- 1,242 MPa (180,000 PSI) ultimate minimum tensile strength
- Higher hex head
- Rolled threads – MJ profile
- Chamfered point
- Conforms to ISO 4014 and 4017 specifications

**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
- 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
- Highly controlled dimensions

**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