



LAWSON Products

Fastening Systems



Smarter Maintenance

Inventory Management • Technical Expertise • Quality Engineered Products



Fasteners that meet your performance needs

At Lawson, we understand that your operation depends on your equipment and machinery performing at their peak. We also realize that original, production-grade fasteners do not last the life of your application. Excessive vibration, temperature fluctuations and everyday wear contribute to their failure.

Our maintenance grade fastening systems save you money over the life of your operation by:

- Upgrading the strength and durability of the entire fastener system
- Extending the interval between fastener replacements
- Reducing downtime due to accidents or breakdowns

When it's time to replace your fasteners, we'll look at all aspects of the application: the load and stresses placed on the fastener as well as the age and condition of the equipment where it is used.

Your Lawson agent will recommend the matched-strength fastening system that:

- Meets your performance needs, from critical application to production grade
- Helps extend the life of your equipment
- Protects your operations from unplanned downtime

Lawson makes things easy by creating assortments of the fasteners most commonly used in your operations – the sizes, lengths and styles you need. Choose one of Lawson's standard fastener assortments or develop your own custom assortment. Each assortment comes packaged in its own storage unit.

From that single unit to a complete wall-sized system, and everything in between, your Lawson agent can design a customized storage and inventory system for your maintenance products, and will regularly check and replenish your supplies. You'll have critical maintenance items on site, and you won't waste time searching for parts, waste money on unnecessary purchases, or worry about having too few or too many of the products that you use.



Lawson's Fastening Solutions

Hex Fastening Systems



Tru-Torq®

The strongest, highest quality fastening system for the toughest and most critical applications: 20% stronger than standard Grade 8 capscrews.

- 180,000 PSI minimum tensile strength
- Fatigue/vibration-resistant UNJ thread design
- High-strength thick hex nut and head for larger wrenching surface
- Size marked on capscrew, nut and washer for fast, simple identification



Tuff-Torq®

The most versatile fastening system, designed for a broad range of maintenance applications. Ideal for replacing production Grade 8 and Grade 5 fasteners with the assurance of a stronger, more reliable fastener.

- 150,000 PSI minimum tensile strength
- Fatigue/vibration-resistant UNJ thread design
- Size marked on washer for fast, simple identification
- Increased head height for easier wrenching



FalconGrip Grade 8 & Grade 5

Production grade fasteners are the right choice for general purpose or high volume applications.

- Grade 8: Meets SAE specifications, 150,000 minimum PSI tensile strength
- Grade 5: Meets SAE specifications, 120,000 minimum PSI tensile strength
- Bolt heads provide ample clearance in restricted areas



Metri-12

The metric equivalent of Lawson's maintenance-engineered Tru-Torq® fasteners for tough applications. Exceeds standard 10.9 strength characteristics by 20% for that extra margin of safety and performance.

- Property Class 12.9 – 1,242 MPa (180,000 PSI) minimum ultimate tensile strength
- Special fatigue/vibration resistant MJ (UNJ) thread form that meets ANSI dimensions



316 Premium Stainless Steel

Improves equipment life and reduces maintenance and repairs in corrosive environments.

Ideal for use in food and petrochemical industries.

- 80-100,000 PSI tensile strength
- Superior stainless steel for extreme temperatures: -460°F to +1,500°F (-273°C to +815°C)
- Fatigue/vibration resistant thread design
- Increased head height for easier wrenching
- Size marked on capscrew and washer for fast, simple identification



Socket Fasteners and Bolts



Socket Head Products

Complete offering includes fractional and metric sizes, alloy steel and stainless steel, with complete traceability. Socket head capscrews are available in standard, button head, flat head, set screw and shoulder screw styles.



Grade 8 Flange Bolts

Grade 8 flange bolts for use on truck frames and other types of heavy equipment.

- 150,000 PSI minimum tensile strength
- Maximum service temperature 650°F (343°C)
- Solves the problem of an oversized hole and eliminates the need for washers



Plow Bolts

Used to fasten the cutting edges of snow plows and heavy earth-moving equipment, in a range of grades from 5 to A9. Lawson's A9 plow bolts exceed original equipment standards for extra reliability.

- High-strength A9: 170,000 PSI minimum tensile strength
- Grade 8 plow bolts: 150,000 PSI minimum tensile strength



Specialty Bolts

A wide range of bolts for standard to specialty applications in a range of industries.

- Carriage bolts
- Elevator bolts
- Step bolts
- U-bolts



Threaded Rod

From low carbon steel to B7, fractional or metric, Lawson supplies the threaded rod to meet your needs. Our proprietary Thermo-Torq® rod is designed for use in high-temperature, high-pressure applications. Ideal for use in power plants, steam lines, mines, oil refineries, construction, and other industries.



General Fasteners



Screws

A full line of sheet metal screws, self drilling screws, machine screws, and wood screws.

To meet your performance needs, our screw offering includes Lawson-engineered Supertanium® and Quali-Torq® screws that exceed industry specifications, and standard lines that meet consensus requirements.



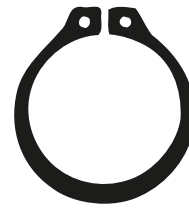
Rivets

A large selection of rivets for joining steel, aluminum, and copper in a wide range of applications, including areas subject to corrosion. Our line includes bucking rivets, drive rivets, pull rivets, and Monobolt® structural rivets.



Pins

Extensive line of pins includes reliable products in a range of sizes for a wide variety of applications: hairpin cotter pins, hammerlock cotter pins, clevis pins, agricultural pins, and more.



Retaining Rings

Precision-engineered retaining rings in both fractional and metric sizes:

- Internal axial rings
- External axial rings
- External E-type rings



Anchors

A complete offering of light-duty to heavy-duty, mechanical and chemical anchors for maintenance and construction fastening.

- Heavy-duty vibration resistant anchors include tapered anchor bolts, drop-in anchors, and wedge and sleeve type anchors.
- Medium to light-duty anchors include UltraCon masonry, toggle bolt, hollow wall, nylon, and conical anchors.



A Complete Line of Fasteners from Lawson Products

HEX CAPSCREWS

Tru-Torq®
(Grade 9)
Tuff-Torq®
(Grade 8+)
FalconGrip 8
(SAE Grade 8)
FalconGrip 5
(SAE Grade 5)
Grade 2
Metri-12
(Property Class 12.9)
Metri-Torq®
(Property Class 10.9+)
Property Class 10.9
Property Class 8.8
Stainless Steel Type 316
(Metric A4)
Stainless Steel Type 18-8
(Metric A2)

NUTS

Acorn
Flange
Hex
Jam
Lock
Slotted Hex
Wing

WASHERS

Fender
Flat
High Collar
Self-Locking
Shakeproof
Split Lock

SOCKETS

Button Head
Flat Head
Shoulder Screws
(Stripper Bolts)
Socket Head Capscrews
Socket Set Screws

BOLTS

B7 Heavy Hex
Carriage
Elevator
Flange
Plow
Step
U-Bolts
12-Point Countr-Bor

SCREWS

Drywall
Floor Board
Machine
Self-Drilling
Sheet Metal
Stainless Steel
Thread Rolling
Wood

RIVETS

Blind
Bucking
Drive
Pull
Structural

PINS

Clevis
Cotter
Dowel
Hitch
Linch
PTO
Spiral
Spring-Lok
Taper

RETAINING RINGS

E-Type
External
Internal

ANCHORS

Chemical Adhesive
Concrete
Conical
Lag Screw
Masonry
Self-Drilling
Sleeve Type
Taper Bolt
Threaded Rod Anchors
Tubular
Wedge-Type

INSERTS

Diamond Grip II
Nutserts
TSN
Wood Inserts

*Smarter Maintenance*SM

Inventory Management

- On-site management of MRO inventory to keep your operations running
- Regular inventory analysis and replenishment to prevent unnecessary purchases and unplanned downtime
- Customized storage system for improved organization and more efficient workflow

Technical Expertise

- Local agents to analyze your application and recommend solutions that meet your performance requirements
- Industry-leading product technical support when you need it at **1-866-LAWSON4U**
- Application engineering specialists to provide on-site problem solving and safety training

Quality Engineered Products

- Comprehensive line of more than 80,000 products, for critical applications to everyday maintenance
- Lot control traceability and certification
- ISO 9000 registered; guaranteed product satisfaction

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