Fasteners

Bolts & Studs
- ASTM A193 B7, B8 Class 1&2, B8M Class 1&2
- Bolt Retainers
- Carriage Bolts
- Eye Bolts
- Hex Flange 12-Point
- High Strength Structural Bolting
- Lag Bolts
- Large Diameter - To 3-1/2” / M64
- Plow Bolts
- Rod Ends
- Square Head
- Studs, Self-Clinching
- Track Bolts

Nuts
- Acorn Nuts
- All-Metal Locknut
- ASTM A194 2H, 2HM
- Grade 7, 8, 8M
- Cap Nuts
- Chassis Fasteners
- Coupling Nuts
- Expansion Nuts
- Grade 2, 5, 8
- Class 8.8, 10.9, 12.9
- Hex Flange & Serrated Flange
- Threaded Inserts
- Keps, Conical Washer Nuts
- Machine Screw Nuts
- Nylon Insert Locknuts
- Nylon, Stainless, Brass, Exotic Alloys
- Nylon®
- Push Nuts
- Nut Retainers
- Rivet Nuts
- Security Nuts
- Self-Clinching Nuts
- Slotted Nuts
- Speed Nuts
- Flat, Bracket, J, U
- Square Nuts
- Weld Nuts
- Wheel Nuts
- Wing Nuts

Panel & Case Hardware
- Bushings & Grommets
- Catches and Strikes
- Conduit Fittings
- Cordgrips
- Handles
- Hole Plugs
- Jack Screws
- Latches
- Magnets
- Panel Screws
- Quick Access Fasteners

Socket & Hex Cap Screws
- Button Head Cap Screws
- Flat Head Socket Cap Screws
- Grade 2, 5, 8; Class 8.8, 10.9, 12.9
- Heavy Hex
- Socket Cap Screws - Alloy
- Socket Pipe Plugs
- Socket Set Screws
- Socket Shoulder Screws
- Stainless

Spacers & Standoffs
- Circuit Board Supports
- Female Standoffs
- Male-Female Standoffs
- Male-Male Standoffs
- Self-Clinching Spacers
- Self-Clinching Standoffs
- Spacers
- Swage Standoffs

Washers
- Belleville Washers
- Beveled Washers
- Disc-Lock® Style
- Fender Washers
- Flat Washers
- Hardened Washers
- Nylon, Stainless, Brass, Exotic Alloys
- PalNuts®
- Push Nuts
- Nut Retainers
- Rivet Nuts
- Security Nuts
- Self-Clinching Nuts
- Slotted Nuts
- Speed Nuts
- Flat, Bracket, J, U
- Square Nuts
- Weld Nuts
- Wheel Nuts
- Wing Nuts

Clinets, Clamps & Ties
- Cable Clamps
- Cable Tie Mounts
- Cable Ties
- Hooks, Self-Clinching
- Panel Clips
- Trim Clips
- U, J and S Clips

Machine & Tapping Screws
- Miniature
- Nylon, Stainless, Brass
- Pan, Truss, Flat, Hex, Hex Washer Head, Oval
- Screws for Plastics
- Self-Drilling Screws
- Self-Sealing Screws
- Sems
- Shoulder Screws
- Thread Cutting
- Thread Forming - for Die Cast
- Thread Forming - for Metal
- Thread Forming - for Plastic
- Thread Forming - for Thin Sheets
- Wing Screws

Drives
- Torx®, Slotted, Phillips, Frearson
- Slot, Pozidriv, Supadrive, Robertson
- Phillips Square, Bristol, Clutch (A)
- Double hex, One-way, Pentalo, Polydrive
- Spanner, Spine, Torq-Set, TA
- Tp3, Tri-Wing, Triple Square
- Hex socket, Security Hex Socket
- Hexagonal Socket, Security Hexagonal Socket
- TTAP

IRWIN Industrial
WESTsales® Alberta
CENTRALSales® Ontario
EASTsales® Quebec
USASales® New York
irwin-ind.com
800-263-3562
In addition to a wide range of standard platings and surface treatments, IRWIN offers these engineered coatings for harsh-environment applications.

**GEOMET®** is a Chromium-Free, water-based, inorganic coating that provides corrosion protection for steel components. It was developed as a solution to the environmental regulations enacted by the government and automotive industry and is the next generation of coating technology.

**DACROMET®** is a water-based inorganic coating that provides corrosion protection for steel components. It is the leading inorganic coating specified by automotive companies worldwide and is a proven coating system in many industries. DACROMET® LTX (Long Term eXposure) - Two years of laboratory and field testing show that fasteners coated with the DACROMET® LTX finish perform very well when installed to ACQ treated wood. DACROMET® LTX provides better corrosion protection than Hot Dipped Galvanizing and is less expensive than Stainless Steel.

**DACROLUB® Topcoats** were developed to complement the DACROMET® coating and provide consistent torque-tension characteristics to ease in assembly.

**Pre-Applied Materials for Fasteners**

IRWIN offers innovative solutions from ND Industries for application to many of our threaded fasteners. Pre-applied materials increase fastener performance, reduce parts-count, speed assembly, extend product-life and ensure consistency.

**INERT THREAD LOCKING**

Also known as prevailing torque, this process uses a mechanical force to create a secure lock that is resistant to vibration, shock, and related slippage. The fastener can typically be removed and reused.

**REACTIVE THREAD LOCKING**

Once installed into a mating part, a strong chemical bond is formed, preventing slippage from shock and vibration while helping to seal fastening points against gas and liquid leakage.

**MASKING & LUBRICATING**

Formulated to ease the assembly process and to protect fastening parts against exposure to undesirable substances that can adhere to uncoated fasteners.

**ASSEMBLY AIDS**

Designed to make assembly safer, easier and faster by reducing application errors and worker fatigue.

**ADVANCED SEALING**

ND pre-applied sealants are designed to withstand a wide range of pressures, chemical fluids and gases while reducing the chance of a fastener loosening.

**Design Support**

IRWIN is your one-stop resource center for quick and easy access to the latest in new products and technical documents from our key supply partners. We also routinely provide on-site design support to our clients, in collaboration with our suppliers’ field application engineers, as well as liberal sampling to get you through your prototype and pilot build gates efficiently.

Put us to the challenge - you will be pleased with the results.

**Procurement Services**

Whether you need help with a first time / one time buy from a new vendor for a flat dollar amount fee, or you need us to manage a portion of your supplier community on an ongoing basis for a small percentage of the invoice value, we have the resources and business process to support the cause.

Which of these can you relate to?

**Scenario 1**

You need to make a rush purchase from a vendor with whom you have never dealt. It could be for a penny part or a ‘class A’ item, from anywhere on the globe. It takes you days to get a new vendor entity pushed through channels and set up in your system so you can issue a PO - by which time you are expected to have the part on your dock.

**Scenario 2**

You have a highly fragmented vendor base, and just too many transactions and suppliers to manage given the resources at your disposal. Things are slipping through the cracks. Another body in your department is not an option.

Our customers have been faced with these scenarios and we have answered the call with our fee-based procurement services. Nimble response and flawless execution at a reasonable cost.
Automated alerts keep lines up and running

Keeping your bins full just got a lot easier – and a lot faster. Each IRWIN Intelligent Bin automatically detects inventory levels and instantly sends alerts, eliminating the need for counting trips and “milk runs”. That means no more safety stock, no more emergency orders, and more importantly, no more lines down. It’s the automated, lean bin solution you’ve been waiting for.

Maximize profits from every square foot

Waste and inefficiency can hide where you least expect. With IRWIN Intelligent Bin (I2B) Systems, you can take control and find new productivity and savings across your entire operation.

Streamline your supply chain

Consolidation of vendors across many possible part categories means fewer orders and expedites, while providing economies of scale, lowering incoming freight costs, improving quality interaction, and increasing trust. You get reduced, but assured, inventory, and space-savings; allowing your organization to optimize your resources, focus on core competencies, and meet strategic goals.

Reduce Order Activity

Prompt Low-Stock Notifications

Flexible Configurations

Supply-Base Consolidation

Reduce Inventory

Keep bins full and lines running


It’s time to take control

Discover how IRWIN Intelligent Bin Systems can help you reduce wasted steps, ensure more accurate and less costly processes, and achieve true productivity across your organization.

Cloud-based Software

I2B Systems articulate stock levels through its cloud-based software providing clear visual information from any computer.

Bin Configuration

Lanes and bins are configurable to manage a range of stock items. Up to 72 locations per frame comprised of small, medium and large bins.

Automatic Notification

I2B platform is automatically notified when bins status changes allowing for constant awareness of stock levels.

Visual Feedback

Tri-state LEDs indicate each lane’s status, providing instant clear feedback in keeping with visual manufacturing practices.

Bright Lighting

Industrial LED linear fixtures illuminate bins from above providing even lighting of shelves and stock.

Frame Dimensions (mm)

702 depth x 2003 height x 1645 width

Bin Dimensions (mm)

300 depth x 90 height x 117 (small); 156 (medium); 234 (large) width
Quality Assurance

Our in-house inspection laboratory uses state-of-the-art equipment and a dedicated inspection team to ensure products meet industry standards, specifications and customer requirements, including dimensions, hardness and plating.

Environmental Standards
RoHS, REACH, and other related environmental standards are expanding in scope, and a non-compliance ruling can be a financial and legal nightmare. Relying on certificates of compliance alone may not be accepted as adequate evidence of conformity. Most of the directives will require the demonstration of adequate due diligence to ensure that applicable standards are being met.

Elemental Analysis
IRWIN Industrial uses X-ray Fluorescence Spectrometer technology to facilitate the analysis of multiple materials and coatings for restricted substances. X-ray Fluorescence Spectrometry is accepted as the best first-level, non-destructive screening method available.

We can ensure that your components - from connectors to heat sinks to 1¢ screws - are compliant, so that your product will withstand the scrutiny of compliance enforcement activity.

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Also see IRWIN’s
Electronic Components & Hardware Line Card

Connectors & Cables
Hardware
Optoelectronics
Power
Printers & Labeling
Protection & Suppression
Switches & Relays
Thermal Management
Wire Management

SINCE 1970

WESTsales@
115-1440 Aviation Park NE
Calgary, AB
T2E 7E2
403-291-3516

800-560-9813
irwin-ind.com

CENTRALsales@
2-205 Industrial Pky N
Aurora, ON
L4G 4C4
905-889-9100

800-263-3562

EASTsales@
492 Avenue Lépine
Dorval, QC
H9P 4V6
514-556-3064

USA sales@
2775 Broadway Ave
Buffalo, NY
14227
905-889-9100

WESTsales@
115-1440 Aviation Park NE
Calgary, AB
T2E 7E2
403-291-3516

800-560-9813
irwin-ind.com

CENTRALsales@
2-205 Industrial Pky N
Aurora, ON
L4G 4C4
905-889-9100

800-263-3562

EASTsales@
492 Avenue Lépine
Dorval, QC
H9P 4V6
514-556-3064

USA sales@
2775 Broadway Ave
Buffalo, NY
14227
905-889-9100