

Wide Selection of Fasteners & Hardware

Available In Inch/Imperial & Metric Sizes, Made In USA & Import, Small Pack & Bulk Pack



Popular Items & Brands In Stock

Helping Equip Your Business A Million Different Ways

Over 1 Million Products Available Online

Grade Markings For Steel Bolts & Screws

Grade Designation	Nominal Size of Product in.	Material and Treatment	Mechanical Requirements						Grade Identification Marking
			Proof Load Stress ksi	Yield Strength ksi Min	Tensile Strength ksi Min	Product, Hardness, Rockwell			
						Surface Max	Core		
						Min	Max		
ASTM A307 Gr. A	1/4 to 4	low or medium carbon steel	—	—	60	—	B69	B100	307A
ASTM A307 Gr. B	1/4 to 4		—	—	60 min 100 max	—	B69	B95	307B
SAE Gr. 1	1/4 to 1-1/2		33	36	60	—	B70	B100	None specified
SAE Gr. 2	1/4 to 3/4	low of medium carbon steel, cold worked	55	57	74	—	B80	B100	None specified
SAE Gr. 5	1/4 to 1 1-1/8 to 1-1/2	medium carbon steel; the product is quenched and tempered	85 74	92 81	120 105	30N54 30N50	C25 C19	C34 C30	
ASTM A449 Type 1	1/4 to 1 1-1/8 to 1-1/2 1-3/4 to 3		85 74 55	92 81 58	120 105 90	—	C25 C19 B91	C34 C30 B100	
ASTM A325 Type 1	1/2 to 1 1-1/8 to 1-1/2		85 74	92 81	120 105	—	C24 C19	C35 C31	A325
SAE Gr. 5.2	1/4 to 1	low carbon boron steel; the product is quenched and tempered	85	92	120	30N56	C26	C36	
ASTM A449 Type 2	1/4 to 1		85	92	120	—	C25	C34	
ASTM A325 Type 3	1/2 to 1	atmospheric corrosion resistant steel; the product is quenched and tempered	85	92	120	—	C24	C35	A325
	1-1/8 to 1-1/2		74	81	105	—	C19	C31	
SAE Gr. 8	1/4 to 1-1/2	medium carbon alloy steel; the product is quenched and tempered	120	130	150	30N58.6	C33	C39	
ASTM A354 Gr. BD	1/4 to 2-1/2		120	130	150	—	C33	C39	
	2-3/4 to 4		105	115	140	—	C31	C38	
ASTM A490 Type 1	1/2 to 1-1/2	120	130	150 min 170 max	—	C33	C38	A490	
SAE Gr. 8.2	1/4 to 1	low carbon boron steel; the product is quenched and tempered	120	130	150	30N58.6	C33	C39	
ASTM A490 Type 3	1/2 to 1-1/2	atmospheric corrosion resistant steel; the product is quenched and tempered	120	130	150 min 170 max	—	C33	C38	A490
ASTM A574	0.060 to 1/2	fine grain alloy steel product is quenched and tempered	140	—	180	—	C39	C45	None Specified
	Over 1/2		135	—	170	—	C37	CC45	

Information presented is for general reference and informational purposes only. Information presented is believed to be accurate at the time of document creation. However Global Industrial is not responsible for any claim traceable to any errors (typo or otherwise) as contained herein. Global Industrial makes no warranties as to the accuracy of this information found in public circulation.

ANCHORS



Adhesive Anchors
Drive Anchors
Drop In Anchors
Expansion Anchors
Machine Screw Anchors
Nail Anchors
Plastic Anchors
Pre-Expanded Anchors
Roofing Anchors
Screw Anchors
Sleeve Anchors
Split Drive Anchors
T-Anchors
Toggle Anchors
Wall Anchors
Wedge Anchors

MILITARY FASTENERS



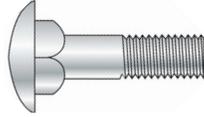
Phillips Flat Head Military Fasteners
Military Hex Head Cap & Machine Screws
Military Washers
Phillips Pan Head Military Fasteners
Military Socket Head Cap Screws

ROD ENDS



Blank Rod Ends
Machined & Black Oxidized Rod Ends
Machined - Stainless Steel Rod Ends

BOLTS



Carriage Bolts
Elevator Bolts
Eye Bolts
Flange Bolts
Hanger Bolts
Hex Bolts & Cap Screws & Square Head Bolts
Plow Bolts
Step Bolts
Structural Bolts
T-Slot Bolts
Tap Bolts

HI LOWS



Flat Head
Flat Undercut Head
Indented Hex Washer
Pan Head
Truss Head

RETAINING RINGS



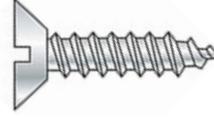
E Rings
External & Internal Retaining Rings

SHIMS



Arbor Shims & Spacers
Die Button Shims
Slotted Shims
Standard Shims

SCREWS



Cap Screws
Deck Screws
Dowel Screws
Drywall Screws
Floorboard Screws
Lag Screws
Machine Screws
Self Drilling Screws
Self Piercing Screws
Self Tapping Screws
SEMS Screws
Tamper Resistant Screws/
Security Screws
Thread Cutting Screws
Thread Forming/Rolling Screws
Thumb Screws
U-Drive Screws
Weld Screws
Wing Screws
Wood Screws

THREADED INSERTS



Brass Finerts
Coil Thread Repair Kits
Concrete Inserts
Drive Tools for Threaded Inserts
Helical Threaded Inserts
Press Inserts
Screw Threaded Inserts
Thread Repair Kits
Threaded Insert Kits
Threaded Inserts For Metal - Carbon Steel
Threaded Inserts For Metal - Stainless Steel
Threaded Inserts For Wood
Ultrasonic Straight & Tapered Threaded Inserts

NUTS



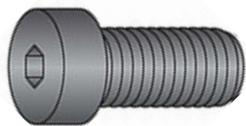
Acorn Nuts / Cap Nuts
Cage Nuts
Castle Nuts
Conduit & Panel Nuts
Eye Nuts
Flat Head Nuts
Hex Nuts
Lock Nuts
Pipe Plugs
Self Clinching Nuts
Square Nuts
Stover Equivalent Lock Nuts
Tamper Resistant Nuts/
Security Nuts
Tee Nuts
Type J Steel Spring Nuts
Type U Steel Spring Nuts
U Clips
Wheel Nuts
Wing Nuts

MACHINERY HARDWARE



Adjustable Levers
Cam Units and Levers
Control Levers
Grippers
Handwheels
Hoist Rings
Indexing, Spring, & Ball Plungers
Knobs & Handles
Leveling & Toggle Pads
Magnets
Pull Handles
Screws & Bolts
Toggle Shoe Clamps

SOCKET SCREWS



Button Head Socket Cap Screws
 Cone Point Socket Set Screws
 Cup Point Socket Set Screws
 Flat Head Socket Cap Screws
 Flat Point Socket Set Screws
 Half Dog Point Socket Set Screws
 Low Head Socket Cap Screws
 Oval Point Socket Set Screws
 Socket Head Cap Screws
 Socket Head Shoulder Screws
 Socket Pipe Plugs

WASHERS



Countersunk Finishing Washers
 Dock Washers
 Fender Washers
 Flat Washers
 Lock Washers
 Machine Screw Washers
 Shoulder Washers
 Nylon Split Lock Washers
 Spring Washers
 Square Beveled Washers
 Structural Washers

VIBRATION ISOLATION



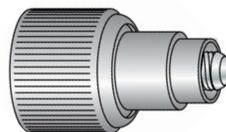
Compression & Shear Mounts
 Hanger Mounts
 Machine Leveling Mounts
 Spring Floor Mounts
 Vibration Pads

SPRINGS



Compression Springs
 Extension Springs

PANEL FASTENERS



Retractable Captive Panel Fastener Press In Style
 Retractable Captive Panel Fastener Flare In Style

RIVETS



Blind Rivets
 Drive Rivets
 Rivet Kits
 Rivet Tools & Parts
 Structural Rivets

PINS



Cotter Pins
 Dowel Pins
 Hitch Pin Clips
 Spring Pins Slotted

FASTENER KITS & ASSORTMENTS



Anchor Kits
 Bolt Kits
 Bushing Kits
 Screw Kits
 Nut & Washer Kits
 Pin Kits
 Retaining Ring Kits
 Rivet Kits
 Thread Repair Kits
 Threaded Rod Kits
 Washer Kits
 Woodruff Key Kits

NAILS & STAPLES



Steel Staples
 Stainless Steel Staples
 Straight Finish Nails
 Straight Finish Brads



VENDOR LISTING

Blue-Jay Fasteners
 Brighton Best International
 Buckeye Fasteners
 Chrislynn Threaded Inserts
 Earnest
 E-Z Lok
 G.L. Huyett
 Gardner Spring, Inc.
 Greenlee
 Holo-Krome
 ITW Brands
 J.W. Winco, Inc.
 Kanebridge
 Ken Forging
 Mason Industries
 MKT Fastening
 Nord-Lock

Nova Fasteners
 Nucor
 Precision Brand
 Peerless Hardware
 Powers Fasteners
 Prebena
 PrimeSource Building Products
 Prospect Fastener
 Screw Products
 Star Stainless Screw Co.
 Tamper Proof Screw Co.
 Tamper Pruf Screws
 The Stanlok Group
 Titan Fastener Products, Inc.
 Unbrako
 Wej-it
 And Many More...