ABS FASTENERS OFFERS A COMPLETE LINE OF COMMERCIAL STANDARDS AND SPECIALS.

We are your premier source for commercial grade fasteners, nuts, bolts, screws, and hardware. For more than 60 years, ABS has set the standard for quality, value-added services, and superior customer service. From our seven ABS warehouses strategically located across the USA and Mexico stocking several million in inventory, we are uniquely poised to serve your fastener and hardware needs for manufacturing and assembly.

4 ...........Anchors
5 ...........Bits
6-7 .........Bolts
8-9 .........Nuts
10 .........Washers
11 .........Socket Products
12 .........Machine Screws
13 .........Wood Screws
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We hold industry together... You are not anchored to other suppliers! We have the anchors you need for light or heavy jobs.

Conical Plastic Anchors
Light-duty wall anchor used with a sheet metal or wood screw in drywall, concrete or hollow brick.
- Material: Plastic
- Diameters: #6 thru 1/4"  
- Lengths: 3/4 thru 1-3/8"

E-Z Anchors
Pre-drills own hole in gypsum wallboard. Replaces plastic plugs and toggles.
- Material: Nylon & Die Cast
- Sizes: 3/8 thru 7/16"

Toggle Bolts
A machine screw and toggle wing anchoring system used in hollow walls.
- Material: Steel
- Diameters: 1/8 thru 1/2”  
- Lengths: 2 thru 6”

Machine Screw Lead Anchors
Light to medium-duty anchor used with a setting tool and a coarse thread bolt in brick, block, or concrete.
- Material: Zinc Alloy
- Diameters: #10 thru 1/4-20”
- Lengths: 5/8 thru 1-1/2”

Nail In Anchors
Permanent, light duty anchor used with a hammer to attach items to solid block, brick, or concrete. Also known as Hammer Drive Anchors.
- Material: Steel, Nylon/Steel
- Diameters: 3/16 thru 1/4”
- Lengths: 1” thru 2”

Machine Screw Lead Anchors
Light to medium-duty anchor used with a setting tool and a coarse thread bolt in brick, block, or concrete.
- Material: Zinc Alloy
- Diameters: #10 thru 1/4-20”
- Lengths: 5/8 thru 1-1/2”

Sleeve Anchors
Phillips Flat
- Material: Steel
- Diameters: 1/4 & 1/2”
- Lengths: 2”, 3”, 5”

Machine Screw Lead Anchors
Light to medium-duty anchor used with a setting tool and a coarse thread bolt in brick, block, or concrete.
- Material: Zinc Alloy
- Diameters: #10 thru 1/4-20”
- Lengths: 5/8 thru 1-1/2”

Sleeve Anchors
Hex Nut
- Material: Steel
- Diameters: 1/4 thru 3/4”
- Lengths: 1-3/8 thru 8”

Use sleeve anchors to attach items to solid materials. When the bolt is tightened, the sleeve expands. Better for brick than a wedge anchor. Many head styles are available.

Hollow Wall Anchors
Pan Head - Combo
Light-duty anchor used in drywall, plaster, or paneling. Expands as screw is tightened.
- Material: Steel
- Diameters: 1/8 thru 1/4”

Wedge Anchors
Heavy-duty anchor used to attach fixtures to solid concrete. The clip expands to offer great holding power.
- Material: Steel
- Diameters: 1/4-20 thru 1”
- Lengths: 1 3/4 thru 12”
- Also available in Stainless Steel

Toggle Bolts
A machine screw and toggle wing anchoring system used in hollow walls.
- Material: Steel
- Diameters: 1/8 thru 1/2”
- Lengths: 2 thru 6”

Sleeve Anchors
Phillips Flat
- Material: Steel
- Diameters: 1/4 & 1/2”
- Lengths: 2”, 3”, 5”

Use sleeve anchors to attach items to solid materials. When the bolt is tightened, the sleeve expands. Better for brick than a wedge anchor. Many head styles are available.

More Anchors
We carry a wide variety of anchors for use in light to heavy-duty applications. Don’t see what you need here, give us a call and we’ll find it for you!
- Drop-in Anchors
- E-Z Toggle Anchors
- Sleeve Anchors - Slot/Phil Combo
- Lag Shield - Long Style, Die Cast
- Ribbed Anchors with Teeth
- Alligator Anchors
- Single Expansion Anchors
- Anchor Shackles
- Wood Screw Lead Anchors
- T-Anchors
- Tubular Anchors
- Safety Anchor Shackles

“ABS GIVES US REALLY GOOD SERVICE AND QUALITY. THEIR TURNAROUND TIME IS EXCELLENT AND THEY TAKE CARE OF WHAT WE NEED.”

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Carbide Tipped Masonary Bits
Extra heavy duty bit with hardened tip for drilling into hard material such as concrete. Often used with a hammer drill.
- Material: Steel
- Point Sizes: 5/32 and 3/16
- Lengths: 4 1/2” and 5 1/2”

Jobber Drill Bits
Most common, general purpose bit. Flute length is usually 9 to 14 times it’s diameter.
- Material: Steel
- Diameters: 1/8 thru 1/4
- Lengths: 6”

Magnetic Bit Holders
Magnetic insert holds bits in place.
- Material: Steel
- Diameters: 1/4 thru 1/2
- Lengths: 2 9/16” thru 6”
- C Ring Retainer & Hex Quick Change also available

Phillips Insert Bits
Phillips drive bit to be used with a bit holder in hand or power drills.
- Material: Steel
- Diameters: #0 thru #4
- Lengths: 1” thru 6”
- Power & Extra Hard Phillips Bits also available

Power Phillips Bits
Phillips drive bit for hand, power or pneumatic drills. No bit holder is necessary.
- Material: Steel
- Point Sizes: #10 thru #4
- Lengths: 1 5/16” thru 7 13/16”

Square Insert Bits
Square drive bit to be used with a bit holder in hand or power drills.
- Material: Steel
- Diameters: #2
- Lengths: 1 5/16”, 2 3/4”, 6”

Power Square Bits
Phillips drive bit for hand, power or pneumatic drills. No bit holder is necessary.
- Material: Steel
- Diameters: #2
- Lengths: 1 5/16”, 2 3/4”, 6”
- C Ring Retainer & Hex Quick Change also available

Torx Insert Bits
Torx drive bit used with a bit holder in hand or power drills.
- Material: Steel
- Sizes: #23 thru #55
- 5/16 Hex also available

Wood Bits
Has sharp cutting edge. Used when drilling large holes into wood.
- Material: Steel
- Sizes: 1/2 thru 1

PROVIDING YOU WITH SUPERIOR FASTENERS AND HARDWARE IS BUT A FRACTION OF OUR COMMITMENT AND CAPABILITIES.

Contact us today if you don't see what you’re looking for. We can’t fit everything into this catalog!
Hex Bolts (Machine Bolt)
General use hex head bolt usually used with a nut. No washer face under the head.
- Material: Low Carbon Steel
- Diameters: 1/4 thru 1 1/2"
- Lengths: 1" thru 14"
- Metric sizes also available

Hex Cap Screws, Grade 2
Has a washer face under the head. Tighter dimensional tolerances than Hex Bolts.
- Material: Low Carbon Steel
- Diameters: 1/4 thru 1 1/2"
- Lengths: 1" thru 10"
- Coarse and Fine Thread

Hex Cap Screws, Grade 5
Material: Medium Carbon Steel
- Diameters: 1/4 thru 1 1/2"
- Lengths: 1/2" thru 10"
- Coarse and Fine Thread

Hex Cap Screws, Grade 8
Material: Alloy Steel
- Diameters: 1/4 thru 1 1/2"
- Lengths: 1/2" thru 14"
- Coarse and Fine Thread

Hex Tap Bolts, Grade 5
Material: Medium Carbon Steel
- Diameters: 1/4 thru 1 1/4"
- Lengths: 1/2" thru 8 1/2"
- Coarse and Fine Thread

Hex Tap Bolts, Grade 8
Material: Alloy Steel
- Diameters: 1/4 thru 1 1/4"
- Lengths: 1/2" thru 9 1/2"
- Coarse and Fine Thread

Hex Tap Bolt, Stainless Steel
Material: 18-8 Stainless Steel
- Diameters: 1/4 thru 1 1/4"
- Lengths: 1" thru 6"
- Metric sizes also available

Hex Flange Bolts, Serrated
Material: Low Carbon Steel
- Diameters: #4 thru 3/4"
- Lengths: 3/4" thru 5"
- Stainless Steel also available

Hex Flange Bolts, Metric 8.8 Serrated
Material: Medium Carbon Steel
- Diameters: M6 thru M12
- Lengths: 12mm thru 45mm

Hex Flange Bolts, Grade 5, Serrated
Material: Medium Carbon Steel
- Diameters: 1/4 thru 3/4"
- Lengths: 1/2" thru 3 1/2"

Hex Flange Bolts, Grade 8 Serrated
Material: Alloy Steel
- Diameters: 1/4 thru 3/4"
- Lengths: 1/2" thru 1 1/2"

Hex Flange Bolts, Grade 8 No Serrations
Material: Alloy Steel
- Diameters: 1/4 thru 3/4"
- Lengths: 1 1/4" thru 4"
- Fine Thread and Metric also available

Step Bolts
Has a square neck similar to a Carriage Bolt but has wider round head, and lower profile.
- Material: Low Carbon Steel
- Diameters: #10 thru 1/2"
- Lengths: 3/4" thru 2 1/2

Elevator Bolts
Large diameter head and square neck creates greater bearing surface for softer materials.
- Material: Low Carbon Steel
- Diameters: 1/4 thru 3/8"
- Lengths: 3/4" thru 4"
- Metric Sizes also available

We hold industry together...

We carry a large inventory of bolts and cap screws...for both big and small jobs.

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Carriage Bolts
A round head bolt with a square neck which stops the bolt from turning when nut is tightened.
- Material: Low Carbon Steel
- Diameters: #6 thru 3/4"
- Lengths: 1/2" thru 20"

Carriage Bolts, Grade 5
- Material: Medium Carbon Steel
- Diameters: 1/4 thru 1"
- Lengths: 1/2" thru 8"
- Also available in Grade 8

Carriage Bolts, Stainless
- Material: 18-8 Stainless Steel
- Diameters: 1/4 thru 1/2"
- Lengths: 3/4" thru 14"
- Also available with Ribbed Neck

Dowel Screws
Both ends have lag threads, used when attaching two pieces of wood together.
- Material: Low Carbon Steel
- Diameters: #6 thru 1/2"
- Lengths: 3/4" thru 8"

Hanger Bolts
One end has lag threads, the other machine screw threads. Used for attaching sheet metal to wood.
- Material: Low Carbon Steel
- Diameters: 6-32 thru 1/2"
- Lengths: 5/8" thru 12"

Eyebolts - Forged
The head is forged loop used for attaching cables or wires. Has machine screw threads.
- Material: Low Carbon Steel
- Diameters: 1/4 thru 2 1/2"
- Lengths: 3/4" thru 6"
- Also available in metric

Eyebolts - Turned
The head has a closed loop used for attaching cables or chains for heavy hanging objects.
- Material: Low Carbon Steel
- Diameters: #6 thru 1/2-13
- Lengths: 3" thru 1 1/2"
- Also available in Stainless Steel or with nut

Hex Lag Screws
Hex head bolt with gimlet point used mainly with wood. Tightened with wrench.
- Material: Low Carbon Steel
- Diameters: #10 thru 7/8"
- Lengths: 1" thru 12"
- Also available in Stainless Steel

Joint Connector Bolts
A wide and thin head with hex drive. Used to join together wood and cabinetry.
- Material: Low Carbon Steel
- Diameters: 6-32 thru 1/2-13
- Lengths: 12mm thru 115 mm
- Available in Types BB, BA & BC
- Metric Diameters are also available

J-Bolts
J shaped hook on one end, threaded on the other. Used in concrete and structural applications.
- Material: Low Carbon Steel
- Diameters: 1/4-20, 5/16-18
- Lengths: 12mm thru 115 mm
- Available in Types BB, BA & BC

Shackle Bolts, Grade 5
Used with shackles in rigging systems.
- Material: Steel
- Diam: 7/16-20 thru 9/16-18
- Lengths: 3/4" thru 2 1/2

U-Bolts
Round Bend and Square
U shaped bolt with machine screw threads at both ends. Can be used in many applications.
- Material: Low Carbon Steel
- Diameters: 1/4-20 thru 3/8-16
- Lengths: 2" thru 11 3/8"
- U-Bolt Plates also available

More Bolts
Keep in mind this is just a sampling of the Bolts stocked at ABS. We offer many shapes, sizes, and material options...for any job under the sun!
- Draw Bolts
- Foundation Bolts
- King Pin Bolts
- Square Head Bolts
- Eye Lag (Accoustical)
- Carriage Bolts, Pancake Head
- Carriage Bolts, Ribbed Neck
- Hex Bolts, Grade 5 & 8
- Hex Bolts, Solid Brass
- Hex Cap Screws, Grade 9
- Wheel Bolts
- Cap Screws, Button Head Torx
- Track Bolts

Contact us today if you don't see what you're looking for. We can't fit everything into this catalog!
QUALITY PRODUCTS, QUALITY SERVICE AND QUALITY PEOPLE ARE WHAT WE’RE ALL ABOUT!

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Most nuts are available in both inch and metric sizes. Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!
### Back Up Washers
Used with a blind rivet for extra support, often with soft materials.
- **Material:** Steel and Aluminum
- **Size Range:** 3/16 thru 1/2

### Bonded Sealing Washers
Used when corrosion protection is needed in plumbing or outdoor jobs. Also called Steel Neoprene Washers.
- **Material:** Steel and Stainless Steel
- **Size Range:** #6 thru 1/2”

### F844 Commercial Flat Washers, Stainless
General use washer provides a smooth bearing surface under the head of a bolt or nut.
- **Material:** 18-8 Stainless Steel
- **Size Range:** #6 thru 5/8”

### Fender Washers
Extra wide bearing surface, more than USS or SAE washers.
- **Material:** Steel and Stainless Steel
- **Size Range:** #6 thru 7/8”
- **Metric:** M3 thru M20

### USS Flat Washers
Designed to improve stress distribution between bolt and nut.
- **Material:** Steel and Stainless Steel
- **Size Range:** #10 thru 3”
- **Metric:** M1.6 thru M36

### SAE Flat Washers
Has smaller ID and OD than USS Washer. Often used in automotive.
- **Material:** Steel, Stainless Steel, Solid Brass
- **Size Range:** #4 thru 1 1/2”

### USS Flat Washers, Grade 8
Dimensions similar to SAE washer, but made from higher grade steel.
- **Material:** Alloy Steel
- **Size Range:** 1/4” thru 1 1/2”
- **Also available in Grade 9**

### SAE Flat Washers, Grade 8
Dimensions similar to SAE washer, but made from higher grade steel.
- **Material:** Alloy Steel
- **Size Range:** #6 thru 2”
- **Also available in Grade F436**

### Square Washers
Used when reduced vibration is needed.
- **Size Range:** 1/4 thru 5/8”
- **Material:** Steel and Stainless Steel

### Torque Washers
Used with a square neck carriage bolt in wood applications.
- **Material:** Steel
- **Diameters:** 1/4” thru 1/2”
- **Finish:** Plain, Zinc

### Wave Washers
A low strength washer also called spring washers. Great for irregular surfaces
- **Material:** Steel
- **Size Range:** .183 OD - 1.593 OD
- **Metric:** M4 thru M16

### US3 Flat Washers, Grade 8
Dimensions similar to USS washer, but made from higher grade steel.
- **Material:** Alloy Steel
- **Size Range:** 1/4” thru 1 1/2”
- **Also available in Grade 9**

### SAE Flat Washers
Use with countersunk flat or oval head screws for a decorative finish.
- **Material:** Steel, Stainless Steel, Aluminum, Black Nylon
- **Size Range:** #6 thru 3/8”
- **Metric:** M2.5 thru M8

### Medium Split Lockwashers
Hardened and split to offer uniform load distribution and prevent loosening.
- **Material:** Steel, Grade 8 Alloy, Stainless Steel
- **Size Range:** #2 thru 2”
- **Metric:** M2 thru M48

### Internal Tooth Lockwashers
Hardened with internal locking teeth hidden on the inside of washer.
- **Material:** Steel, Stainless Steel
- **Size Range:** #2 thru 1 1/4”
- **Metric:** M2 thru M20

### External Tooth Lockwashers
Hardened with external locking teeth on the outside of washer.
- **Material:** Steel, Stainless Steel
- **Diameters:** #2 thru 1”
- **Metric:** M3 thru M20

### Internal/External Tooth Lockwashers
Hardened with internal and external locking teeth.
- **Material:** Steel, Stainless Steel
- **Size Range:** #4 thru 5/8
- **Metric:** M4 thru M16

### External Tooth Lockwashers
Hardened with external locking teeth on the outside of washer.
- **Material:** Steel, Stainless Steel
- **Diameters:** #2 thru 1”
- **Metric:** M3 thru M20

### Internal/External Tooth Lockwashers
Hardened with internal and external locking teeth.
- **Material:** Steel, Stainless Steel
- **Size Range:** #4 thru 5/8
- **Metric:** M4 thru M16

### More Washers
- Fiber Washers
- Round Malleable Washers
- Plate Washers (Round & Square)
- F436 USS Flat Washers
- Grade 9 Washers
- Square Beveled Washers
**Socket Head Cap Screws**

Higher tensile strength than hex head cap screws. Has internal socket drive. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** 0 thru 1-1/2 ........M1.6 thru M48
- **Lengths:** 1/8 thru 20” ..........3mm thru 650 mm
- **Coarse and Fine Thread**
- **Full Thread and Low Profile Available**

**Flat Head Socket Cap Screws**

High strength screw with a socket drive and flat head which lays flush with surface. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #2 thru 1 1/4 ......M2 thru M24
- **Lengths:** 1/8 thru 8” ..........4mm thru 200mm
- **Coarse and Fine Thread**

**Button Head Socket Cap Screws**

A high strength socket drive screw with dome shaped, lower profile head. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #2 thru 3/4 ......M2 thru M16
- **Lengths:** 1/8 thru 6” ..........4mm thru 100m
- **Coarse and Fine Thread**

**Hex Keys, Short and Long Arm**

A manual tool used to tighten or loosen a socket screw with same size hex drive. Inch & Metric.
- **Material:** Alloy Steel
- **Key Sizes:** .028 thru 1 1/4 ......M1.5 thru M19
- **Tamper Proof Also Available**

**Socket Head Shoulder Screws**

Socket drive screw with long, smooth shoulder which allows for rotation of attached parts. AKA Stripper bolts. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Shoulder Diameters:** 1/8 thru 1 1/4 ......M4 thru M24
- **Thread Diameters:** #4 thru 7/8..........M3 thru M20
- **Shoulder Lengths:** 1/8 thru 8” ..........4mm thru 120mm
- **Thread Lengths:** 5/32 thru 1 1/8” ..........5mm thru 27mm

**Set screws rest aligned or below the material surface**

**Socket Set Screws, Flat Point**

A fully threaded, headless screw with hex drive at one end, a flat surface on the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 ...........M1.6 thru M24
- **Lengths:** 1/8 thru 3” ..........3mm thru 100mm
- **Coarse and Fine Thread**

**Socket Set Screws, Cup Point**

A fully threaded, headless screw with hex drive at one end, a cupped point at the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 1/4 ......M1.6 thru M24
- **Lengths:** 1/16 thru 6” ..........2mm thru 100mm
- **Coarse and Fine Thread**

**Socket Set Screws, Oval Point**

A fully threaded, headless screw with hex drive at one end, an oval shaped surface on the other.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1
- **Lengths:** 1/8 thru 1 3/4”
- **Coarse and Fine Thread**

**Socket Set Screws, Cone Point**

A fully threaded, headless screw with hex drive at one end, a sharp cone shaped point at the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 1/4 ......M2.5 thru M24
- **Lengths:** 1/8 thru 2” ..........3mm thru 70mm
- **Coarse and Fine Thread**

**Socket Set Screws, Flat Point**

A fully threaded, headless screw with hex drive at one end, a flat surface on the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 .........M1.6 thru M24
- **Lengths:** 1/8 thru 3mm thru 100mm
- **Coarse and Fine Thread**

**Socket Set Screws, Oval Point**

A fully threaded, headless screw with hex drive at one end, an oval shaped surface on the other.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1
- **Lengths:** 1/8 thru 1 3/4”
- **Coarse and Fine Thread**

**Socket Set Screws, Cone Point**

A fully threaded, headless screw with hex drive at one end, a sharp cone shaped point at the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 1/4 ......M2.5 thru M24
- **Lengths:** 1/8 thru 2” ..........3mm thru 70mm
- **Coarse and Fine Thread**

**Socket Set Screws, Flat Point**

A fully threaded, headless screw with hex drive at one end, a flat surface on the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 .........M1.6 thru M24
- **Lengths:** 1/8 thru 3mm thru 100mm
- **Coarse and Fine Thread**

**Socket Set Screws, Oval Point**

A fully threaded, headless screw with hex drive at one end, an oval shaped surface on the other.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1
- **Lengths:** 1/8 thru 1 3/4”
- **Coarse and Fine Thread**

**Socket Set Screws, Cone Point**

A fully threaded, headless screw with hex drive at one end, a sharp cone shaped point at the other. Inch & Metric.
- **Material:** Alloy Steel, Stainless Steel
- **Diameters:** #0 thru 1 1/4 ......M2.5 thru M24
- **Lengths:** 1/8 thru 2” ..........3mm thru 70mm
- **Coarse and Fine Thread**

**More Socket Products**

- Low Head Socket Cap Screws
- Pipe Plugs
- Knurled Cup Point Set Screws
- Dog Point Set Screws

**ABS Stocks More Than $10 Million in Inventory in Seven Warehouses Strategically Located From Coast to Coast!**

Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!
Machine Screws, Flat Head, Phillips or Slotted Drive
Countersunk head with 82° angled flat head, and phillips drive.
- Material: Steel, Stainless Steel
- Diameters: 2-56 thru 1/2-13 .... M2 thru M10
- Lengths: 3/16 thru 6" ............... 4mm thru 100mm
- 100° and Undercut also available

Machine Screws, Pan Head, Phillips or Slotted Drive
General purpose head style with slightly rounded sides and phillips drive.
- Material: Steel, Stainless Steel
- Diameters: 2-56 thru 3/8-16 .... M2 thru M10
- Lengths: 1/8" thru 6" ............... 3mm thru 100mm

Machine Screws, Oval Head, Phillips or Slotted Drive
Countersunk and a slightly rounded head allow for a decorative finish.
- Material: Steel, Stainless Steel
- Diameters: #0 thru 1/2-13 ......... M2 thru M10
- Lengths: 1/4 thru 3" ............... 6mm thru 50mm

Machine Screws, Flat Head, Square Drive
Countersunk head with square recess. Resists cam-out, excellent torque.
- Material: Steel, Stainless Steel
- Diameters: 6-32 thru 1/4-20
- Lengths: 3/8 thru 4"

Machine Screws, Pan Head, 6 Lobe Drive
General purpose head style with 6 lobe drive and slightly rounded sides.
- Material: Steel, Stainless Steel
- Diameters: 2-56 thru 3/8-16
- Lengths: 3/16" thru 3”
- AKA: Torx Drive

Machine Screws, Round Head, Phillips or Slotted Drive
Has a smooth round head, with phillips or slotted drive.
- Material: Steel, Stainless Steel
- Diameters: 2-56 thru 3/8-16
- Lengths: 3/16 thru 6”

Machine Screws, Round Head, Quad Drive
Has a smooth round head with both a phillips and slotted drive.
- Material: Steel
- Diameters: 6-32 thru 3/8-16
- Lengths: 3/8 thru 6”

Machine Screws, Truss Head, Phillips or Slotted Drive
Head profile is slightly rounded with a slimmer appearance than round or pan.
- Material: Steel, Stainless Steel
- Diameters: 4-40 thru 3/8-16
- Lengths: 3/16 thru 5”

Machine Screws, Truss Head, 6 Lobe Drive
Head profile is slightly rounded with both phillips and slotted drives.
- Material: Steel, Stainless Steel
- Diameters: 2-56 thru 3/8-16
- Lengths: 3/16 thru 5”

Machine Screws, Truss Head, Slot/Phillips Combo Drive
Head profile is slightly rounded with both phillips and slotted drives.
- Material: Steel, Stainless Steel
- Diameters: 6-32 thru 3/8-16
- Lengths: 3/8 thru 6”

Machine Screws, Truss Head, Quad Drive
Head profile is slightly rounded with both philips and quad drives.
- Material: Steel
- Diameters: 8-32
- Lengths: 1/4 thru 1 1/2”

Machine Screws, Indented, Hex Washer Head, Slotted or Unslotted Drive
A hex head with attached washer for increased bearing surface.
- Material: Steel, Stainless Steel
- Diameters: 4-40 thru 3/8-16
- Lengths: 1/4 thru 3”
- Available with or without serrations

Thumb Screws
Used when screw might need continuous adjustments. Has machine screw threads but tightened by hand, so no tools are necessary.
- Material: Steel, Stainless Steel
- Diameters: #6 thru 1/2”
- Lengths: 1 thru 3”

DON’T FORGET THE NUTS AND WASHERS!
SEE PAGES 8-10 OR CONTACT YOUR ABS SALESPERSON FOR HELP!

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!
We hold industry together... We hold industry together... We hold industry together... We hold industry together... We hold industry together...  

**CONSTRUCTION SCREWS**

Screws for all types of construction applications: drywall, wood, concrete, and more!

**Thread Cutting Screws**

Thread cutting screws are a class of self-tapping screw that create threads in existing holes in metal, and are often used as fasteners in items that need periodic maintenance. They are most often used with wood and metal and do not generate the same stress as thread forming screws.

**Type F Thread Cutting Screws**

Has a blunt tip, machine screw threads, and multiple cutting grooves. Often used in sheet metal, steel, and plastics.

- Material: Steel, Stainless Steel
- Diameters: #2 thru 1/2”
- Lengths: 3/16 thru 1 1/2”

**Type 23 Thread Cutting Screws**

Screw has a blunt tip and machine screw threads. Usually used with hard plastics or metal when cutting through material is needed.

- Material: Steel, Stainless Steel
- Diameters: #2 thru 3/8”
- Lengths: 3/16 thru 2”

**Type 25 Thread Cutting Screws**

The blunt tip of the screw has wide threads, and a cutting edge. Usually used in existing holes in plastic or other soft materials.

- Material: Steel, Stainless Steel
- Diameters: #2 thru 3/8”
- Lengths: 3/16 thru 1 1/2”

**Available Head Styles**

- Flat Phillips
- Pan Torx
- Hex Washer No Slot
- Flat Torx
- Pan Phillips
- Hex Washer Slot

**Drywall Screws, Bugle Head Phillips or Square Drive**

Sharp point screw used to attach drywall to wood or metal studs.

- Material: Steel, Stainless Steel
- Diameters: #6 thru #1/4”
- Coarse and Fine Thread Available

**Drywall Screws, Trim Head Phillips or Square Drive**

Countersunk head is 1/3 smaller than bugle head. Often used to attach wood trim.

- Material: Steel
- Diameters: #6 and #8
- Lengths: 1 5/8” thru 3”

**Concrete Screws, Flat Phillips or Hex Washer Slotted Drive**

Can be used in place of an anchor in concrete, block, or brick. Usually has a blue Ruspert finish.

- Material: Steel
- Diameters: 3/16 and 1/4”
- Lengths: 1 1/4” thru 6”

**Thread Rolling Screws, Pan Head, Phillips Drive**

Often used in plastics, threads are formed, and resist loosening.

- Material: Steel, Stainless Steel
- Diameters: 2-56 thru 1/4”
- Lengths: 3/16 thru 1 3/4”

**Deck Screws, Bugle Head, Composite Wood**

Coated finish suitable for exterior wood projects or pressure treated lumber.

- Material: Steel
- Diameters: #6 thru 1/4
- Lengths: 3/4” thru 8”
- Sharp Point and Type 17

**More Construction Screws**

- Threshold Screws
- Thread Forming Screws
- One Way Truss Lag Screws
- Semblex Screws, Pan, Phillips, Plastite
- Euro Screws, Flat Head
- Composite Decking Screws

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Self Drilling Screws

Drywall Self Drilling Screws, Bugle Head, Phillips Drive
Commonly used to secure drywall to plywood, particle board, or metal.
- Material: Steel
- Diameters: #6 thru #10
- Lengths: 1 thru 6"
- Fine Thread

Self Drilling Screws, Flat Head, Phillips Drive
The flat head allows screw to lay flush with the material surface.
- Material: Steel, Stainless Steel
- Diameters: #6 thru 1/4"
- Lengths: 3/8 thru 4"
- Drill Points: #2, #3

Self Drilling Screws, Flat Head, Phillips, with Reamer (wings)
Used for fastening wood to steel or aluminum. The wings break off once it has made contact with steel.
- Material: Steel
- Diameters: #12 thru 1/4"
- Lengths: 1 3/4 thru 3 1/2"
- Drill Points: #3, #4 or #5

Self Drilling Screws, Flat Head, Square Drive
Square drive resists cam-out and offers excellent torque.
- Material: Steel, Stainless Steel
- Diameters: #6 thru 1/4"
- Lengths: 3/4 thru 2"
- Drill Points: #2, #3

Self Drilling Screws, Flat Head, Phillips
A very thin countersunk head with a wide bearing surface. Low profile look.
- Material: Steel
- Diameters: #8 thru 1/4"
- Lengths: 3/4 thru 3"
- Drill Points: #2, #3

Self Drilling Screws, Hex Washer Head, No Slot
A hex head with attached washer face. A socket or wrench is needed to fasten.
- Material: Steel, Stainless Steel
- Diameters: #6 thru 5/16"
- Lengths: 3/8 thru 8"
- Drill Points: #1, #2, #3, #4, #5
- Also available as SEMS

SEMS = Screw with pre-assembled washer attached.

More Self Drilling Screws

- Wafer Head Phillips with Reamer
- Wafer Head, Torx
- Hex Dekfast, Grey E-Coat
- Double Square, Pan Head
- Double Square, Truss Head w/ Spiral
- Eye Lag Self Drill Screws
- Hex Washer Head Lag
- HWH Slot SEMS, Stainless Steel
- Pan Head Framing
- Truss Head, Phillips
- Flat, Wafer, and Round Head Quad
- Wafer Head, Square Drive
- Vertigo Self Drilling Screw
- Trim Head, Square Drive
- Oval Head, Square Drive
- Truss Head, Square Drive, Stainless
- Pan Head, Torx Drive
- Truss Head, Torx Drive
- Pan Head, Phillips, Trilobular
- Truss Head, Torx, Trilobular
- Pan Head, Torx, Trilobular
- Flat Head, Phillips, Trilobular

SEMS are also in stock.
Contact your ABS salesperson and we’ll get it on your next order!

Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!
We hold industry together...

Sheet Metal Screws

Also known as Tapping Screws, they are used for connecting metal to other materials such as wood or plastic.

Sheet Metal Screws, Flat Head, Phillips Drive
The top of the head sits flush with the material surface and has common phillips drive.
- Material: Steel, Stainless Steel
- Thread Types: A, AB, B, Twin-Fast, Coarse
- Diameters: #0 thru 1/2"
- Lengths: 1/4" thru 5"

Sheet Metal Screws, Flat Head, Square Drive
Square drive offers better torque engagement on this flat head screw.
- Material: Steel, Stainless Steel
- Thread Types: A, AB, Twin-Fast, Coarse
- Diameters: #6 thru #14
- Lengths: 3/8" thru 5 1/2"

Sheet Metal Screws, Flat Head, Quad Drive
A combined phillips and square drive with a flat head which sits flush with the material.
- Material: Steel
- Thread Types: A, Twin-Fast, Coarse
- Diameters: #6 thru #10
- Lengths: 5/8" thru 3"
- AKA: Quad Drive

Sheet Metal Screws, Pan Head, Phillips Drive
Phillips drive general purpose screw. Head has rounded sides and flat bearing surface.
- Material: Steel, Stainless Steel
- Thread Types: A, AB, B, Coarse
- Diameters: #2 thru 3/8"
- Lengths: 3/16" thru 4"

Sheet Metal Screws, Pan Head, Square Drive
Square drive offers better torque engagement on this pan head screw.
- Material: Steel, Stainless Steel
- Thread Types: A, AB, Twin-Fast, Coarse
- Diameters: #6 thru #14
- Lengths: 3/8" thru 5 1/2"

Sheet Metal Screws, Pan Head, Quad Drive
A combined phillips and square drive with a pan head.
- Material: Steel
- Thread Types: A, Twin-Fast
- Diameters: #6 thru #10
- Lengths: 3/8" thru 2"
- AKA: Quad Drive

Sheet Metal Screws, Oval Head, Phillips Drive
The head is countersunk and slightly rounded for a more decorative look. Phillips drive for control.
- Material: Steel, Stainless
- Thread Types: A, AB, B, Twin-Fast, Coarse
- Diameters: #5 thru #14
- Lengths: 1/2" thru 2"

Sheet Metal Screws, Oval Head, Square Drive
A countersunk, oval head with square drive. Better torque engagement and resistance to cam-out.
- Material: Steel
- Thread Types: Type A & Twin-Fast
- Diameters: #6
- Lengths: 1" and 1 1/4"

Sheet Metal Screws, Oval Head, Quad Drive
A combined phillips and square drive with an oval head for decorative appearance.
- Material: Steel
- Thread Types: Type A & Twin-Fast
- Diameters: #6 and #8
- Lengths: 3/4" thru 1 1/2"

Thread Types

- Type A: Has a space between threads for thinner metals. Being replaced by Type AB.
- Type B: Finer threads and a blunt tip for heavier materials and metals.
- Type AB: Has the point of Type A and threads of Type B.
- Twin-Fast: Has two extra coarse threads to for more pull out strength and faster drive speed.
- Coarse: Greater pitch with more space between each thread.

AT ABS, WE’VE INVESTED MORE THAN HALF A MILLION DOLLARS IN QUALITY CONTROL TEST EQUIPMENT ALONE. EVERY SHIPMENT MUST BE PRE-APPROVED BY OUR QUALITY CONTROL LAB BEFORE WE INVENTORY THE PRODUCT.

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Sheet Metal Screws come in several thread types: Type A, B, AB, Twin-Fast, and Coarse.

**Sheet Metal Screws, Round Washer Head, Square Drive**
Rounded head with attached washer, and square drive.
- Material: Steel
- Thread Types: Twin-Fast, Coarse
- Diameters: #8 and #10
- Lengths: 1 1/2” thru 1 1/2”

**Sheet Metal Screws, Round Washer Head, Quad Drive**
Rounded head with attached washer, and quad drive.
- Material: Steel
- Thread Types: A, Twin-Fast, Coarse
- Diameters: #8 and #10
- Lengths: 1/2” thru 4”

**Sheet Metal Screws, Modified Truss Head, Phillips Drive**
Modified version of standard truss head for larger bearing surface.
- Material: Steel
- Thread Types: Twin-Fast
- Diameters: #8
- Lengths: 1/2” thru 3”

**Sheet Metal Screws, Hex Washer Head, No Slot**
Hex head and washer face are one piece. A hex wrench must be used to fasten.
- Material: Steel
- Thread Types: A, AB, B, Twin-Fast
- Diameters: #6 thru 5/16
- Lengths: 3/8” thru 5”

**Sheet Metal Screws, Hex Washer Head, Slotted Drive**
Hex head and washer face are one piece. Can be fastened with hex wrench or slotted driver.
- Material: Steel, Stainless
- Thread Types: A, AB, B, Twin-Fast
- Diameters: #6 thru #14
- Lengths: 3/8” thru 4”

**ABS In-House Quality Control Lab**
See page 20 for more information.

**UHWASHER**
NTA Certified lags with sheet metal screw type threads.
- Material: Steel
- Thread Types: Coarse
- Diameters: 5/16 and 3/8
- Lengths: 1 3/4” thru 4 3/4”

**More Sheet Metal Screws**
- Truss Head, Square Drive
- Truss Head, Quad Drive
- Double Truss, Square Drive
- Thread Forming, Wafer Head, Phil
- Thread Forming, HWH, Phi/Slot
- Round Head, Phillips
- Round Washer Head, Phillips
- Pan Head, Framing
- Pan Head, Torx Drive
- Button Head, Torx Drive
- Wafer Head Phillips
- Bugle Head Phillips
- One Way Round

Contact us today if you don't see what you're looking for. We can't fit everything into this catalog!
Box Nails
Used for general construction including carpentry and framing.
- Material: Steel
- Sizes: 3D thru 20D
- Lengths: 2” thru 6”

Common Nails
For construction, carpentry, and framing. Galvanized coating and larger shank provide greater strength. Made to conform to ASTM F1667.
- Material: Steel
- Sizes: 3D thru 60D
- Lengths: 2” thru 6”

Drive Screw Nails
These specially spiral Shank nails are used to install carpet bar and other metal moldings in wood floors where the head of the nail will remain exposed.
- Material: Steel
- Diameters: 11 and 13
- Lengths: 1” thru 1 1/2”

Drywall Nails
For attaching drywall to wood studs, usually available in a phosphate coating.
- Material: Steel
- Diameters: 13
- Lengths: 1 3/8” thru 2 3/8”

Duplex Nails
Used for concrete forming and scaffolding, double headed for temporary nailing and easy removal.
- Material: Steel
- Sizes: 6D thru 16D
- Lengths: 2” thru 6”

Masonry Nails
Used to attach furring strips and floor plates to uncured concrete or other mason applications.
- Material: Steel
- Diameter: 9
- Lengths: 1” thru 1 1/2”

Joist Hanger Nails
For attaching a joist hanger to a wood member, short heavy gauge provides increased holding power.
- Material: Steel
- Diameters: 9 thru 11
- Lengths: 1 1/4” thru 2

Ring Shank Nails
For General Construction, Ring Shank Body for extra holding power, available in bulk or collated.
- Material: Steel
- Sizes: 8D thru 60D
- Lengths: 17

Roofing Nails
For attaching shingles to roofs, wide head assists in holding, reduces pull out, available in bulk or collated.
- Material: Steel
- Diameters: 11
- Lengths: 7/16” thru 4”

More Nails
- Finishing Nails
- Solid Brass Nails
- Concrete Nails
- Sinker Nails, Green Vinyl
- Hardboard Siding Nail

All Aluminum Rivets
Aluminum Mandrel & Aluminum Body, corrosion resistant.
- Material: Aluminum
- Sizes: #42 thru #616
- Closed End and Large Flange also available.

All Stainless Rivets
Stainless Steel Mandrel & Stainless Steel body.
- Material: Stainless Steel
- Sizes: #42 thru #68
- Closed End and Large Flange also available

All Steel Rivets
Steel Mandrel & Steel Body a durable fastener for many applications, Blind Style.
- Material: Steel
- Sizes: #42 thru #410
- Countersunk and Large Flange also available

Semi-Tubular Rivets
Manufactured Head with Tubular Shank used for joining work piece materials together, cost effective!
- Material: Steel, Aluminum
- Diameters: 1/8 thru 9/64
- Lengths: 5/16” thru 3/4”

Aluminum-Steel Rivets
Aluminum Mandrel & Steel Body
- Material: Aluminum-Steel
- Sizes: #42 thru #616
- Closed End available

More Rivets
- Milti-Grip Rivets
- Rivet Mandrels
- Flat Head Rivets
- Tri-Bulb Rivets
- All Stainless Structural Rivets
- HUCK Rivets
- POP Rivets
- OLYMPIC Bulb Tite Rivets

ABS STOCKS MOST RIVETS IN REGULAR AND LARGE FLANGE SIZES.
CONTACT YOUR ABS SALESPERSON AND THEY WILL HELP GET YOU THE RIGHT RIVET.

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Clevis Pins
A solid pin with a drilled hole to be used with a hairpin or cotter pin.
- Material: Steel
- Diameters: 3/16 thru 1"
- Lengths: .58 thru 2.41"

Roll Pins
A hollow pin with a slit down one side, which expands inside the walls of holes.
- Material: Steel, Stainless Steel
- Diameters: 1/16 thru 1/2
- Lengths: 3/16" thru 4"
- AKA...Spring Pin

Hitch Pin Clips
- Material: Steel
- Sizes: #210 thru #227
- Finish: Zinc

Bed Pin with Tapered Edges, Plain Steel

Cotter Pins
Double wire pin with a loop at one end. Insert in a drilled hole, and separate wires to lock into position.
- Material: Steel, Aluminum, Brass
- Diameters: 1/16 thru 1/2"
- Lengths: 1" thru 3"

Hairpin Cotter Pins
Double wire pin used to easily install, remove, and re-use. Often used to secure round shafts such as clevis pins.
- Material: Steel
- Diameters: .032 thru .243
- Lengths: .7/16 thru 5 1/8"
- AKA...Hitch Pin or R-Pin

Dowel Pins
Used as a plug or to hold assembled pieces together. Often used in automotive, aerospace, & furniture.
- Material: Stainless Steel
- Diameters: 1/16 thru 3/4"
- Lengths: 3/16" thru 4"
- Also available in Metric

More Pins
- Bridge Pins
- Cotterless Hitch Pin w/ Ring
- Bent Pin w/Pin
- Adjustable Clevis Pin
- Bullet Pins
- Fire Pins
- Threaded Taper Pin
- Detent Ring Pins
- Double Wire Snap Pins
- Security Pins
- Racking Pins

All Thread Rod
- Material: Low Carbon Steel
- Diameters: 6-32 thru 3/4-10
- Lengths: 6" thru 144"
- Fine Thread and B-7 also available

Quick Links, Oval
- Material: Steel
- Sizes: 1/4 thru 1/2
- Also available in Stainless

More Misc Items
- One End Threaded Rod
- All Thread Rod, B7 Steel
- All Thread Rod, Slotted One End
- All Thread Rod, Nylon
- Round Bar
- Male/Female Standoff’s
- Torsion Springs, Left & Right Hand
- Compression Fittings, Male
- License Plate Grommets
- Steel Compression Springs
- Self Clinching Studs
- Lag Plates
- Pressure Plates
- Retaining Rings
- Round Spacers, Nylon & Aluminum
- Gutter Spikes

Don’t see what you’re looking for? Give us a call!
Chances are one of our locations it!

Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!
FASTENERS AND HARDWARE CUSTOM TO YOUR NEEDS

At ABS, we welcome inquiries for specials. Send us your requirements via custom prints, samples, or specifications. Besides our ability to generate a print using our 3D CAD Software, we also have an In-House Quality Control Lab, and can test parts as required. First article samples are submitted for approval prior to product shipment.

Our capabilities include but are not limited to:
- Plating & Finish
- Patching
- Heat Treating
- Waxing
- Packaging (bags or boxes)

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!

CUSTOM KITTING
If you or your customers require the convenience of pre-packaged fasteners, rely on ABS for that service, now more than ever. Over the past 60 years, we have continually adopted new technology to better serve the manufacturing industry. Our state-of-the-art kitting lines enable ABS to handle your bagging needs more rapidly and more efficiently than ever. Especially with the addition of our second $200,000 kitting machine.

Benefits of Custom Kitting and Packaging:
- Reduced Total Purchasing Time
- Reduced Expediting Time
- Stock/Inventory Reduction
- Stock Control Reduction
- Simplified Receipt of Goods
- Reduction in Purchase Order Processing
- Reduction in Tasks Required for Accounts Payable

QUALITY TESTING LAB
Every incoming shipment is pre-approved by the ABS quality control laboratory prior to stocking the products in our warehouse. We’ve invested over half a million dollars in QA test equipment. This enables us to perform a battery of tests, including dimensional testing, torsional testing, drill-speed testing, visual testing as well as corrosion testing in our salt fog chamber.

DAILY LOCAL DELIVERIES
We go the extra mile. If we have to get up at 4 am to get parts delivered to a customer by 6 am, we will get it done! This is our commitment to service.

VENDOR MANAGED INVENTORY
As a value added service to our customers, we offer the benefit of ABS vendor managed inventory, which provides the following benefits:
- Shorter Lead Times
- Improved Delivery Performance
- Steady Product Flow
- Higher Service Levels
- Close ABS/Customer Relationship
- Decreased Inventory Carrying Costs
### Bolts
- Hex Cap Screw
- Hex Tap Bolt
- Hex Machine Bolt
- Carriage Bolt
- Hex Lag Bolt
- Flange Bolt
- Elevator Bolt
- Hanger Bolt
- Eye Bolt
- Track Bolt
- Joint Connector Bolt

### Nuts
- Finished Hex Nut
- Finished Hex Jam Nut
- Machine Screw Nut
- Square Machine Screw Nut
- Coupling Nut
- Flange Nut
- Acorn Nut
- Nylon Insert Lock Nut
- Keps Lock Nut
- Slotted Nut
- Square Nut
- Wing Nut
- Toe Nut
- Dowel Pin

### Washers
- USS Flat Washer
- SAE Flat Washer
- Fender Washer
- Bonded Sealing Washer
- Medium Split Flat Washer
- Finishing Washers
- Internal Tooth Lockwasher
- External Tooth Lockwasher
- Internal/External Tooth Lockwasher
- Torque Washer

### Screws
- Machine Screw
- Sheet Metal Screw
- Self Drilling Screw
- Thread Cutting Screw
- Wood Screw
- Drywall Screw
- Thumb Screw
- Dowel Screw

### Rivets
- Blind Rivets - Aluminum, Steel & Stainless Steel
- Large Flange
- Semi-Tubular

### Pins
- Cotter Pin
- Roll Pin
- Hitch Pin Clip
- Clevis Pin
- Bed Pin
- Bullet Pin
- Racking Pin

### Nails
- Box Nails
- Common Nails
- Drive Screw Nails
- Roofing Nails
- Duplex Nails
- Joint Hanger Nails
- Masonry Nails
- Ring Shank Nails
- Drywall Nails

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Many plating, coating, and finish options are available on most products. Just let us know your requirements!
### Heads, Threads, Drives

**A visual reference to driving recesses, head styles, and thread types.**

#### Head Styles
- Pan
- Pancake
- Round
- Round Washer
-Indented Hex Washer
- Serrated Hex Washer
- Binding
- Truss
- Modified Truss
- Oval
- Flat
- Flat Undercut
- Fillister
- One-Way
- Bugle
- Wafer
- Trim
- Cheese

#### Recess Styles
- Phillips
- Slotted
- Phillips/Slot Combo
- Socket
- Square
- Hex Washer Slot
- Hex Washer No Slot
- Torx (6 Lobe)
- Quad: Phillips/Square Combo

#### Thread Types
- Self Drilling
- Type A
- Type B
- Type A8
- Twin-Fast
- Coarse
- Type F
- Type 17
- Type 23
- Type 25
- Coarse Thread (NC)
- Fine Thread (NF)

#### Bolt Head Identification
The markings on the head of a bolt can help identify its grade and manufacturer. The grade is usually represented by hashmarks or a number. Manufacturer ID's are usually initials or a custom logo designated for their use only.

#### Contact Us
Contact us today if you don't see what you're looking for. We can't fit everything into this catalog!
**Inch Sizes**

UNC (coarse thread) sizes have fewer threads per inch than UNF (fine thread). The pitch is designated by the number of threads per inch on the fastener.

**Metric Sizes**

Metric fastener pitch is measured by the distance between threads, in millimeters (mm).

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<th>Diameter</th>
<th>Coarse (mm)</th>
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Many plating, coating, and finish options are available on most products. Just let us know your requirements!
LOW CARBON STEEL
Used in common fasteners that don’t require extreme strength. Generally low cost to manufacture. A headmark is not required.
- Normally 1006 to 1010 Steel - Not usually heat treated
- 1018 to 1022 Steel - Case Hardened
- 1022 Steel - Case Hardened

MEDIUM CARBON STEEL
Steel is hardened to increase its strength. Often used in automotive applications.
- Normally 1030 to 1038 Steel

SPRING STEEL
A high strength steel that can be hardened and is easily formed and shaped.
- Normally 1050 to 1070 Steel

STAINLESS STEEL
Most fasteners are available in stainless steel, which offers great corrosion resistance, but not as strong as medium or alloy carbon steel.
- 18-8, 410, 316 Stainless

ALLOY STEEL
High strength, hardened steel commonly used in vehicle suspension systems.
- Normally 4037

SILICON BRONZE
Highly corrosion resistant, primarily made from mix of tin and copper. Often used in marine applications.
- 651 Alloy

BRASS
Corrosion resistant, but not as strong as bronze. Often used for its decorative golden color.
- 270 & 360 Alloy

ALUMINUM
Corrosion resistant, but easily nicked and scratched because of its soft consistency.
- 6061, 2024, 7075

NYLON
Highly corrosion resistant, made from lightweight plastic material. Becomes weak in extreme high or low temperatures. Can be easily dyed to meet color requirements.

WHAT IS...
Case Hardened
A process which makes the outside surface harder than the rest of the fastener.

Tensile Strength
The stress a fastener can withstand while stretching before it breaks.

Yield Strength
The point when the material starts to deform or distort elastically.

Proof Load
Generally 85-95% of the yield strength, this test provides proof that the fastener can support the specified load based on the test specifications.

CARBON STEEL IS...
A metal alloy which is a combination of iron and carbon. Low carbon steel is softer, and easier to form. As the carbon content rises, the metal becomes stronger and harder.

Heat Treated
A process to metals or alloys which chemically changes characteristics such as strength, hardness, and wear.

Corrosion
When metal starts to deteriorate as it comes in contact with certain elements (such as water) or chemicals. Some metals have higher corrosion resistance than others.

Contact us today if you don’t see what you’re looking for. We can’t fit everything into this catalog!
Many plating, coating, and finish options are available on most products. Just let us know your requirements!
**Fastener Painting**

- Can run many sizes and colors at the same time.
- Lengths: Up to 3”.
- Add Neoprene or detachable washers.
- Powder Coating.
- ISO:9000 Compatible.
- Screws, Blind Rivets, Nuts, Washers.
- Must be clean - free of oil or wax.
- Pantone Colors - Anything under the rainbow.
- Any Finish - From high gloss to flat.
- Metallic and UV resistant also available.
- Polyurethane or Waterborne.

**Benefits of Painting...**

- Painting offers a seamless look to your project, helping the fastener blend in to the surrounding surface.
- It also offers corrosion and rust resistance, so your fastener will last longer when exposed to the elements.

**Types of Fasteners**

- Screws.
- Bolts.
- Washers.
- Rivets.
- Nails.

**Common Applications**

- Rain Gutters.
- Metal Roofing.
- Electrical Projects.
- Decking.
- Carpentry.
- Truck & Trailer.
- Vinyl Fencing.

**Any Color...**

**Any Finish!**

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We hold industry together...

Many plating, coating, and finish options are available on most products. Just let us know your requirements!

A-Series
Crown: 3/16”
Gauge: 22

71-Series
Crown: 3/8” / Gauge: 22

A11-Series
Crown: 7/16”
Gauge: 21

80-Series
Crown: 1/2”
Gauge: 21

50-Series
Crown: 1/2” / Gauge: 22

L-Series
Crown: 1/4”
Gauge: 18

N-Series
Crown: 7/16”
Gauge: 16

M-Series
Crown: 3/8”
Gauge: 15

WS-Series
Crown: 3/16”
Gauge: 16

P-Series
Crown: 1” / Gauge: 16

Q-Series
Crown: 7/16”
Gauge: 15

Carton Closing Staples

A-Type
Crown: 1-3/8”
Gauge: 16

C-Type
Crown: 1-1/4”
Gauge: 16

Corrugated Fasteners
Crown: 1”

Crown = Measurement across top of staple
Length = Measurement from crown to end of staple
Hardware for Bath, RV, Cabinets, Cargo, and More!

Below is just a sampling of the standard stock hardware items we carry throughout our nationwide inventory. Contact your ABS Sales Representative for more information!

Cargo Hardware
- Bar Locks
- E Track
- Tie Downs
- Strap Hinges
- Bumper
- Grab Handles
- Roller Hinges
- License Plate Brackets

Casters
- Trundle Bed Casters
- Furniture Casters
- Hooded Ball Casters (plastic & metal)
- Industrial Strength Casters
- Light Weight & Heavy Duty Casters

Catches & Latches
- Bunk Latches
- Barrel Bolts
- Surface Bolt Latches
- Double Roller Catches
- Magnetic Catches
- Bulldog Catches
- Double Ball Catches
- Gate Hooks

Decorative Hardware
- Knobs & Pulls
- Wood Knobs
- Functional Knobs

Decorative Bath Hardware
- Bath Posts
- Towel Bars (Square and Round)
- Towel Rings
- Toilet Paper Rollers
- Toilet Paper Holders
- Soap Dishes
- Toothbrush/Cup Holder
- Handicap Grab Bars (many sizes)
- Robe Hooks
- Shower Rods

Door Stops
- Hinge Pin Door Stops
- Floor Mount Stops
- Fixed Screw Mounting Door Stops

Drawer Slides
- Euro Style (all sizes)
- Ball Bearing Slides (35 & 46mm)
- Pencil Drawer & Keyboard Slides
- Plastic End Sockets

Hinges
- Face Mount (Free Swinging)
- Face Mount (Self Closing)
- Bi-Folding 3-Leaf Hinges
- Euro Style Hinges / Concealed
- Butt Hinges & Narrow Butt Hinges
- Piano Hinges
- Trailer/Cargo Door Hinges
- Wood/Glass Door Hinges
- Non-Mortise & Butterfly Hinges

Levelers & Glides
- Adjustable Leg Levelers
- Felt Pads
- Nail Glides

Lock Sets
- Entry Lever Locks Passage/Privacy
- Dead Bolt Locks
- Interior Door Locks
- Tulip, Passage/Privacy
- Straight and Curled Lever Locks
- Pocket Door Locks
- Bath Door Latches
- Trailer/Cargo Door Bar Locks

Plates & Brackets
- Bunk Bed Ladder Hooks
- L-Brackets
- Corner Brace Brackets
- Connector Brackets
- Bed Hook Hardware Brackets
- Mending Plates

RV Hardware
- Hinges, Catches, Latches
- RV Drawer Slides
- Closet Rods
- Grab Handles
- Door Hold Backs
- Drapery Brackets

Shelving
- Heavy Duty Shelf Brackets
- Folding Shelf Brackets
- Adjustable Shelf Brackets
- Shelf Supports/Hold Downs
- Pole Sockets
- Panel Clips/Retainers
- Closet Rods

Miscellaneous
- Door Hold Backs
- Tip Out Trays
- Mini Struts
- Mirror Clips
- Gas Struts/Brackets
- Bed Pins
- Utensil Brackets
- Upholstery Nails
- Drapery Hold Backs
- Grommets
- Tie-Down Rings
- Chain and Wire Products
- Chasis Equalizers
- Ball Valves
- Wood Dowels
- Furniture Legs
- Lid Supports
- Lazy Susan’s
- Cable Ties
- Paper Towel Holders

Johnson Hardware

We offer a full line of L.E. Johnson Hardware

Many plating, coating, and finish options are available on most products. Just let us know your requirements!
Wherever you are across this great land, there's an ABS location ready to serve you. American Bolt & Screw maintains full-service facilities in southern California, Oregon, Arizona, Texas, Indiana, Georgia, and Baja Mexico. You're only a quick phone call or email from the fasteners and hardware you need.

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7 LOCATIONS TO SERVE YOU!

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