



*Over \$10 Million in Inventory*

*We Hold Industry Together*



# CATALOG OF FASTENERS



*[www.absfasteners.com](http://www.absfasteners.com)*



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## **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.

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We hold industry together...

# ANCHORS

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"



### Sleeve Anchors Phillips Flat

- Material: Steel
- Diameters: 1/4 & 1/2"
- Lengths: 2", 3", 5"



### 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"
- Lengths: 1-3/4 thru 2-3/4"



### 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



## 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."**

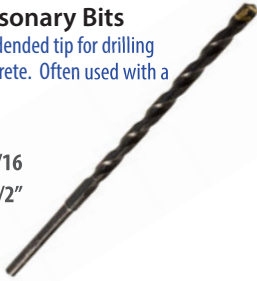
Many plating, coating, and finish options are available on most products. Just let us know your requirements!



### Carbide Tipped Masonry 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 its 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: #1 thru #3
- Lengths: 1" thru 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"



### 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



### Tamperpruf Torx Bits

Torx drive bit with tamperproof pin.

- Material: Steel
- Sizes: #T-25 thru #T-45

## MORE BITS

Contact your ABS Sales Rep for more information on our line of bits and bit products.

- Hex Tamperproof
- Magnetic Socket Bits
- Hanger Bolt Drivers
- Star Drive Bits
- Undersized Bits
- Extra-Hard Bits

### Magnetic Nutsetter

Holds nuts & bolts in place, freeing up hands. Useful in tight spaces.

- Material: Steel
- Diameters: 1/4 thru 7/16
- Lengths: 1 3/4" thru 10"



### 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!



We hold industry together...

# BOLTS

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



### 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"
- 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 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 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 Bolt, Grade 8

- Material: Alloy Steel
- Diameters: 1/4 thru 1 1/4"
- Lengths: 1 1/2" thru 9 1/2"
- Coarse and Fine Thread

### Hex Cap Screws, Metric 8.8

- Material: Medium Carbon Steel
- Diameters: M1.6 thru M24
- Lengths: 12mm thru 180mm
- Grade 10.9 also available



### Hex Tap Bolts, Metric 8.8

- Material: Medium Carbon Steel
- Diameters: M1.6 thru M24
- Lengths: 16mm thru 25mm

### Hex Cap Screws, Stainless Steel

- Material: 18-8 and 316 Stainless
- Diameters: 1/4 thru 1"
- Lengths: 1/2" thru 6 1/2"
- Metric sizes also available



### 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 Tap Bolts

Fully threaded from the end to the head. Often used in place of a stud with nut.

- Material: Low Carbon Steel
- Diameters: 1/4 thru 1 1/4"
- Lengths: 1/2" thru 7"

**A BOLT IS A BOLT...  
UNLESS IT IS A CAP SCREW!**

**Bolt and Cap Screw grades can be identified by their headmarks as shown above.**



### 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

**The washer-like flange under the head helps distribute the clamping load. Serrations under the head grip the bearing surface to prevent loosening.**



### 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



### 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



**NEED IT PATCHED?**

**WE'VE GOT YOU COVERED!**

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



Don't see what you need? Give us a call! We can't fit everything into a catalog!



### 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"



### 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



### 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 - 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 3 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



### J-Bolts

J shaped hook on one end, threaded on the other. Used in concrete and structural applications.

- Material: Low Carbon Steel
- Diameters: 3/16 thru 1/2"
- Lengths: 3" thru 7 1/2"



### Joint Connector Bolts

A wide and thin head with hex drive. Used to join together wood and cabinetry.

- Material: Low Carbon Steel
- Diameters: 1/4-20, 5/16-18
- Lengths: 12mm thru 115 mm
- Available in Types BB, BA & BC
- Metric Diameters are also available



### 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 5/8"
- 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 (Acoustical)
- 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!



We hold industry together...

# NUTS

So many shapes, styles, and material options. Let us help you choose the right nut for the job.



### Finished Hex Nuts

A general use nut to be used with low carbon bolts.

- Material: Low Carbon Steel
- Diameters: 1/4 thru 3"
- Metric Class 6: M1.6 thru M36
- Coarse and Fine Thread
- Also available in Left Hand Thread



### Finished Hex Nuts, Grade 5

Hardened nut, often used with Grade 5 Cap Screws.

- Material: Medium Carbon Steel
- Diameters: 1/4 thru 1 1/2"
- Metric Class 8: M1.6 thru M36
- Coarse and Fine Thread
- Also available in Left Hand Thread



### Finished Hex Nuts, Grade 8

Hardened nut, often used with Grade 8 Cap Screws.

- Material: Alloy Steel
- Diameters: 1/4 thru 1 1/2"
- Metric Class 10: M1.6 thru M36
- Coarse and Fine Thread



### Finished Hex Nuts, Stainless

Corrosion resistant and high strength. Use with stainless bolt.

- Material: 18-8 Stainless Steel
- Diameters: 1/4 thru 1"
- Metric: M2 thru M20
- Coarse and Fine Thread



### Finished Hex Jam Nuts

2/3 thinner than hex nut. Often used with a finished or heavy hex nut.

- Materials: Grade 2, 5, 8, Stainless
- Diameters: 1/4 thru 2 1/2"
- Metric: M1.6 thru M48
- Coarse and Fine Thread
- Also available in Left Hand Thread



### Heavy Hex Nuts

Thicker and wider across the flats, so stronger than hex nuts. Use with low carbon heavy hex bolts.

- Material: Low Carbon Steel
- Diameters: 1/4 thru 4"
- Coarse and Fine Thread



### Square Machine Screw Nuts

A four sided nut, usually used with machine screws.

- Material: Low Carbon Steel
- Diameters: #0 thru 3/8"
- Coarse and Fine Thread



### Hex Serrated Flange Nuts

The enlarged flange has serrations which connect with surface material when nut is tightened.

- Material: Low Carbon Steel
- Diameters: #4 thru 7/8"
- Also available in Grade 5, Grade 8, and Stainless Steel



### Hex Machine Screw Nuts

Used with smaller diameter screws. Flat on one side to lie flush.

- Material: Low Carbon Steel
- Diameters: #0 thru 3/8"
- Coarse and Fine Thread
- Also available in Solid Brass, Stainless, and Nylon



### Acorn Nuts, Closed End

Domed top is used as decorative cap nut, and protects threads.

- Material: Steel or 18-8 Stainless
- Diameters: #8 thru 3/4"
- Metric: M4 thru M24
- Coarse and Fine Thread



### Automation Style (Stover) Lock Nut Grade C (All Metal)

Can withstand high temperatures and vibration. Often used in machinery and automotive.

- Material: Medium Carbon Steel
- Diameters: 5/16-18 thru 1-8
- Metric: M6 thru M24
- Coarse and Fine Thread



### Coupling Nuts

Designed to join two equal size diameter threaded rod or pipe.

- Material: Low Carbon Steel
- Diameters: #8 thru 1"
- Coarse and Fine Thread

**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!





### Nylon Insert Lock Nuts

The nylon inside collar forms a tight fit with screw or bolt. Can be reused.

- Material: Low Carbon Steel
- Diameters: #2 thru 1 1/2
- Metric: M3 thru M36
- Coarse and Fine Thread
- Grade 5, Grade 8, and Stainless Steel



### Nylon Insert Jam Nuts

Same functionality but thinner than Nylon Insert Locknuts.

- Material: Low Carbon Steel
- Diameters: #2 thru 1"
- Coarse and Fine Thread



### Self-Clinching (Swage) Nuts

Permanently pressed into a pre-drilled hole in thin sheet metal.

- Material: Carbon Steel
- Diameters: #4 thru 3/8"
- Metric: M2 thru M5
- Coarse and Fine Thread



### Wing Nuts, Forged

Easily turned by hand. Used when frequently adjusting or disassembling.

- Material: Steel or Stainless Steel
- Diameters: #4 thru 3/4
- Metric: M3 thru M12
- Coarse and Fine Thread



### Hex Reversible Lock Nuts

Use with low carbon bolts or screws. Center threads lock when engaged.

- Material: Steel or Stainless
- Diameters: #8 thru 1"
- Coarse and Fine Thread



### Keps "K" Lock Nuts

Has an attached, free spinning external tooth lock washer.

- Material: Steel or 18-8 Stainless
- Diameters: #4 thru 1/2"
- Metric: M3 thru M10
- Coarse and Fine Thread



### Tee Nuts, 3, 4, or 6 Prong

Prongs extend from the base to fasten metal to wood, plastic, or particle board.

- Material: Steel or Stainless Steel
- Diameters: #4 thru 3/8"
- Metric: M2 thru M12
- Coarse and Fine Thread
- Also available with Large Flange



### Propell Nuts

Generally used in place of Tee Nut in wood when there is a danger of splitting.

- Material: Low Carbon Steel
- Diameters: #8 thru 1/4
- Coarse and Fine Thread



### Joint Connector Nuts, Hex Drive

Use with joint connector bolts to join shelf and cabinet sides.

- Material: Steel
- Diameters: 1/4-20
- Used with an Allen Key



### Weld Nuts

Use to weld to another piece of metal. Multiple styles are available.

- Top Lock, 6 Projections
- Square, 4 Projections
- Round Base, Base Diameter
- Round Base, 3 Bosses Barrel
- Slab Base
- Slab Base, Curved Flange
- Rectangular
- Tab, Off Center Hole
- Tab, Center Hole, 4 Projections
- Tab, Single Tab

## MORE NUTS

Not sure which nut you need? Let us help identify the right one for the job!

- Dished Flange Nut
- Hex Flange Top Locknuts
- Locking Flange Pallet Nut
- Torx Truss Barrel Nuts
- Heavy Hex Jam Nuts
- Hex Jam Nuts, Nylon

- Hex Jam Nuts, Slotted
- Solid Brass Heavy Hex Jam Nuts
- Conical Keps Nut
- Cage Nuts
- Knurled Nuts
- Slotted Hex Nuts

- Top Lock Nuts
- Wing Nuts, Washer Based, Die Cast
- Ovalated Lock Nuts
- License Plate Nuts
- Flat Nuts
- Cross Dowell Nuts

- Cone Wheel Nuts
- Insert Nuts
- Rivet Nuts
- Aluminum Hex Nuts
- Square Nuts



Flange Nut



Cross Dowell Nut



Flat Nut, Retainer



6 Slot Jam Nut



Square Nut



Cone Wheel Nut

**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!



We hold industry together...

# WASHERS

Washers in stock for any occasion....and the bolts and screws to go with them too!



### 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 Washes.

- 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 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, 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



### Finishing 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

**INCH AND METRIC SIZES ARE IN STOCK**



## MORE WASHERS

- Fiber Washers
- Round Malleable Washers
- Plate Washers (Round & Square)
- F436 USS Flat Washers
- Grade 9 Washers
- Square Beveled Washers

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



These high strength fasteners are also available patched!



### 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

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



## MORE SOCKET PRODUCTS

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



Dog Point Set Screw



Low Head Socket Cap Screw



### Socket Head Shoulder Screws

Socket drive screw with long, smooth shoulder which allows for rotation of attached parts. AKA Striper 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



### 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



**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!



We hold industry together...

# MACHINE SCREWS

Most Machine Screws are also available in Fine Thread and Metric sizes.



## Machine Screws, Flat Head, Phillips or Slotted Drive

Countersunk screw 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, 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 phillips and square 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"

*Patching helps lock the threads and provides increased vibration resistance.*



Let us help you with patching or any other secondary processes. Our team has the experience and the contacts to get it done right per your custom specifications.

## MORE MACHINE SCREWS

- Fillister Head, Phillips
- Flat Head, Noched
- One Way Round Head
- Pancake Head, Phillips
- Button Head, Torx, with Pin
- Toggle Bolts



**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!



Wood Screws are usually used for wood to wood applications.



### Wood Screws, Flat Head, Phillips Drive

A thread forming screw with a gimlet point. Used with wood or similar materials.

- Material: Steel, Stainless Steel
- Diameters: #2 thru #16
- Lengths: 1/2" thru 6"
- Available in Full or Undersized Body



### Brass Wood Screws, Flat Head, Phillips Drive

Used for decorative finish. Round Phillips and Flat Slot also available.

- Material: Solid Brass
- Diameters: #2 thru #14
- Lengths: 1/4" thru 4"



### Wood Screws, Flat Head, Quad Drive

Countersunk flat head with both square and phillips drives.

- Material: Steel
- Diameters: #6 thru #12
- Lengths: 1/2" thru 4"
- Sharp Point and Type 17



### Confirmat Screws

Commonly used with Ready-To-Assemble and Knock-Down furniture. Type B threads and an extruded shoulder under the head help create a tight fit.

- Material: Steel
- Diameters: M5 thru M7
- Lengths: 40 thru 150mm
- Sharp Point also available



### Wood Screws, Round Washer Head, Square Drive

Washer face offers greater bearing surface. Often used with particle board or furniture.

- Material: Steel
- Diameters: #6 thru #12
- Lengths: 1/2" thru 6"
- Sharp Point and Type 17



### Wood Screws, Round Washer Head, Quad Drive

Washer face under head for greater bearing surface. Either a square or phillips driver can be used.

- Material: Steel
- Diameters: #8 thru #14
- Lengths: 5/8" thru 4"
- Sharp Point and Type 17

## TYPE 17 THREAD CUTTING SCREWS

Coarse threads with a chip cut out and sharp point. Used mainly with wood.



### Type 17 Thread Cutting Screws, Flat Head, Phillips Drive

- Material: Steel
- Diameters: #6 thru #10
- Lengths: 1/2" thru 4"
- Also available with Nibs



### Type 17 Thread Cutting Screws, Flat Head, Square Drive

- Material: Steel, Stainless Steel
- Diameters: #6 thru #10
- Lengths: 1/2" thru 5"
- Also available with Nibs

## MORE TYPE 17 THREAD CUTTING SCREWS

- Truss Head, Phillips, Type 17
- Truss Head, Square Drive, Type 17
- Bugle Head, Phillips, Type 17
- HWH, No Slot, Type 17
- Oval Head, Quad, Type 17
- Cheese Head, Hi-Lo, Type 17
- Flat Head, Torx, Type 17
- Trim Head, Square Drive, Type 17
- Cheese Head, Square Drive, Type 17
- Framing Screws, Hardened Face, Type 17



### Type 17 Thread Cutting Screws, Round Washer, Quad Drive

- Material: Steel
- Diameters: #6 thru #10
- Lengths: 5/8" thru 4"



### Type 17 Thread Cutting Screws, Round Washer Head, Square Drive

- Material: Steel
- Diameters: #8 thru #10
- Lengths: 1 1/4" thru 4"



### Type 17 Thread Cutting Screws, Pan Head, Phillips Drive

- Material: Steel
- Diameters: #6 thru #12
- Lengths: 1/2" thru 1 1/2"



### Type 17 Thread Cutting Screws, Pan Head, Square Drive

- Material: Steel
- Diameters: #6 thru #8
- Lengths: 5/8" thru 1 1/2"



### Type 17 Thread Cutting Screws, Pan Head, Quad Drive

- Material: Steel
- Diameters: #6 thru #8
- Lengths: 1/2" thru 2 3/4"
- Also available with Nibs

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...

# CONSTRUCTION SCREWS

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



### 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"



## 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.

### Available Head Styles

Flat Phillips



Flat Torx



Pan Torx



Hex Washer No Slot



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"



### Drywall Screws, Bugle Head Hi-Lo, Phillips Drive

The Hi-Lo thread resists vibration better than standard thread. Has sharp point.

- Material: Steel
- Diameters: #6 thru #8
- Lengths: 1 thru 3"
- Wafer Head also available



### 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



**NEED IT COLLATED? WE DO THAT TOO!**

## 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!



No need for a pre-drilled pilot hole when you have 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, Pan Head, Phillips Drive

Slightly rounded head with phillips drive for general purpose applications.

- Material: Steel, Stainless Steel
- Diameters: #4 thru 1/4"
- Lengths: 1/4 thru 3"
- Drill Points: #2, #3



### Self Drilling Screws, Pan Head, Square Drive

Slightly rounded head with square drive. Offers better torque.

- Material: Steel, Stainless Steel
- Diameters: #6 thru 1/4"
- Lengths: 3/8 thru 2"
- Drill Points: #2, #3



### Self Drilling Screws, Pan Head, Quad Drive

Combined phillips and square drive for accessibility and high torque.

- Material: Steel
- Diameters: #8 thru #10
- Lengths: 1/2 thru 1 1/2"
- Drill Points: #2, #3



### Self Drilling Screws, Pancake Head, Phillips Drive

Similar to a pan head, but flatter with a wider bearing surface.

- Material: Steel
- Diameters: #10
- Lengths: 5/8 and 1"
- Drill Point: #3



### Self Drilling Screws, Oval Head, Phillips Drive

Counter sunk, slightly rounded head and a phillips drive.

- Material: Steel
- Diameters: #8 and #10
- Lengths: 3/4 thru 2"
- Drill Points: #2, #3
- Also available as SEMS



### Self Drilling Screws, Modified Truss Head, Phillips

Similar to a Truss Head, but has a flange around the outside.

- Material: Steel
- Diameters: #8, #10
- Lengths: 1/2 thru 3"
- Drill Points: #2, #3



### Self Drilling Screws, Truss Head, Double Square

Also called 8 point drive. Allows for square bit to grab at multiple angles.

- Material: Steel
- Diameters: #10 and #12
- Lengths: 1/2 thru 1 1/2"



### 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.



### Wafer 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

## 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"

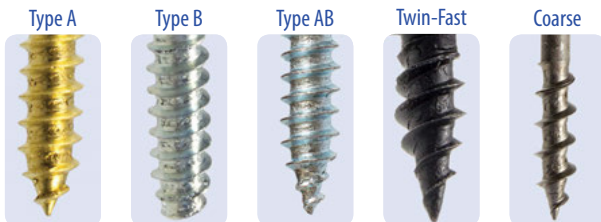


### Sheet Metal Screws, Pan Head, Quad Drive

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

## 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.



### 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"

**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 4 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"



### Sheet Metal Screws, Truss Head, Phillips Drive

Truss head has a lower profile for more surface coverage.

- Material: Steel, Stainless Steel
- Thread Types: A, AB, B, Coarse
- Diameters: #5 thru #14
- Lengths: 1/4" thru 2"

## MORE SHEET METAL SCREWS

- Truss Head, Square Drive
- Truss Head, Quad Drive
- Double Truss, Square Drive
- Thread Forming, Wafer Head, Phil
- Thread Forming, HWH, Phil/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



### 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"

## ABS IN-HOUSE QUALITY CONTROL LAB

See page 20 for more information.



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...

# NAILS & RIVETS



### Box Nails

Used for general construction including carpentry and framing work.

- 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 specialty 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: ??



### 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 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"

## RIVETS

Most commonly used when the back of a product can't be reached. Used on wood, metal, and plastic rivets are cost effective and easy to install.



### Aluminum-Steel Rivets

Aluminum Mandrel & Steel Body

- Material: Aluminum-Steel
- Sizes: #42 thru #616
- Closed End available



### Aluminum-Steel Rivets Large Flange

Features a larger flange size, preferred where extra brittle or soft materials are being fastened.

- Material: Aluminum-Steel
- Sizes: #44 thru #68

## MORE RIVETS

- Multi-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"



### 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



### 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



## 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



Bullet Pin, Zinc Plated



J-Type Racking Pin, Zinc Plated



### 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

### All Thread Rod, Stainless

- Material: 18-8 and 316 Stainless
- Diameters: 1/4-20 thru 1 3/4-5
- Lengths: 3" thru 144"
- Also available in Metric

### 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!



We hold industry together...

# CUSTOM SPECIALS

Not only do we stock standard fasteners, but we can accommodate your specials and print requirements too.

## 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)



ADVISE TOLERANCES

Ø .312

20° .15 .102 .065 110° .275 90° .562

SPECIAL 110 DEG POINT  
T-25 RECESS MUST BE STICK FIT

|  |  |   |               |   |           |                 |                       |           |
|--|--|---|---------------|---|-----------|-----------------|-----------------------|-----------|
| MAJOR DIA. .189-.182   |  | THREADS PER INCH 16   | RECESS 6-LOBE | DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>FRACTIONAL ±<br>ANGULAR: MACH ± BEND ±<br>TWO PLACE DECIMAL ±<br>THREE PLACE DECIMAL ± | NAME      | DATE            | AMERICAN BOLT & SCREW |           |
| MINOR DIA. .141-.135   |  | IN/LBS MIN TORQUE 39  | DRIVER T-25   |   | DRAWN MV  | 5/20/13         |                       |           |
| PITCH DIA.   |  | LENGTH TOL.   |               | CHECKED   |           | DATE            | DESCRIPTION           | REV       |
| HARDNESS PER IFI AB TYPE SMS                                   |  | PENETRATION GAGE DEPTH .055 MIN   |               | ENG APPR.   |           | 5/20/13         | QUOTE PRINT (ABSCASD) | A         |
| DESCRIPTION: 10-16 X 9/16 6-LOBE SPECIAL HEAD DOOR FRAME SCREW |  | <p><b>PROPRIETARY AND CONFIDENTIAL</b><br/>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMERICAN BOLT &amp; SCREW. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMERICAN BOLT &amp; SCREW IS PROHIBITED.</p> |               | MATERIAL  | COMMENTS: |                 |                       |           |
| PH. (909) 390-0522 FAX (909) 390-3005<br>WWW.ABSFASTENERS.COM  |  | APPLICATION   |               | FINISH AS ORDERED   |           |                 | SCALE: A1             | WEIGHT: - |
|  |  |   |               |   |           | SIZE DWG. NO. A | SHEET 1 OF 1          |           |

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



At ABS we go beyond the basics and continually look for new ways to service our customers.

## 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.

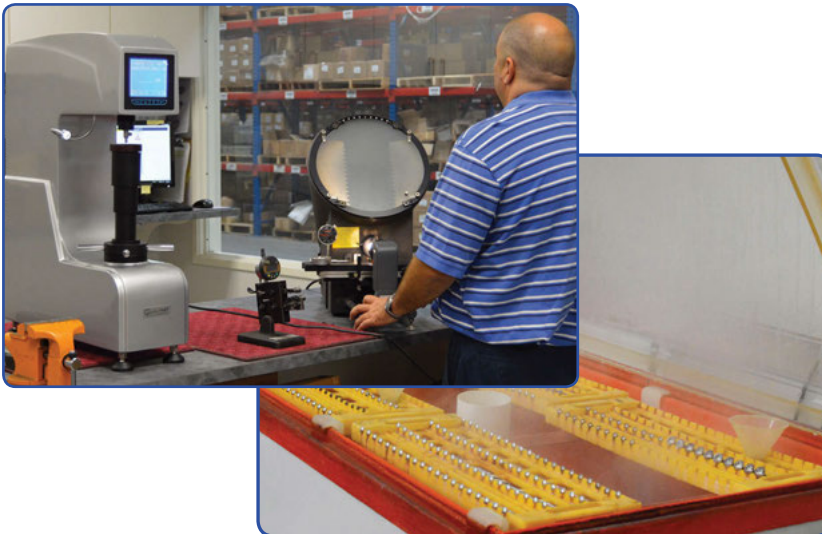
Benefits of Custom Kitting and Packaging:

- 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.



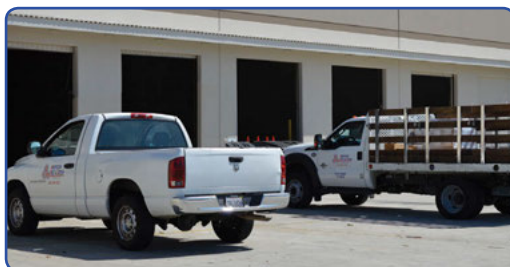
## VENDOR MANAGED INVENTORY

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

## 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.



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...

# QUICK REFERENCE

A quick, visual reference of common fasteners.

## BOLTS



Hex Cap Screw



Hex Tap Bolt



Hex Machine Bolt



Carriage Bolt



Hex Lag Bolt



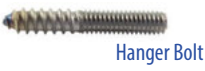
Flange Bolt



Elevator Bolt



U-Bolt



Hanger Bolt



Eye Bolt



Track Bolt



Joint Connector Bolt

## SOCKETS



Socket Head Cap Screw



Flat Head Socket Cap Screw



Button Head Socket Cap Screw



Socket Head Shoulder Screw



Socket Set Screw



Hex Key

## 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



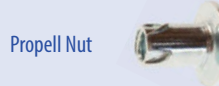
Square Nut



Wing Nut



Tee Nut



Propell Nut



Joint Connector Nut



Weld Nut



Cross Dowell Nut



Flat Retainer Nut



Insert Nut

## 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

## PINS



Cotter Pin



Dowel Pin



Roll Pin



Hitch Pin Clip



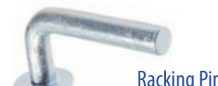
Clevis Pin



Bed Pin

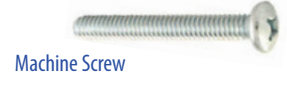


Bullet Pin



Racking Pin

## 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

## NAILS



Box Nails



Common Nails



Drive Screw Nails



Roofing Nails



Duplex Nails



Joist Hanger Nails



Masonry Nails



Ring Shank Nails



Drywall Nails

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.

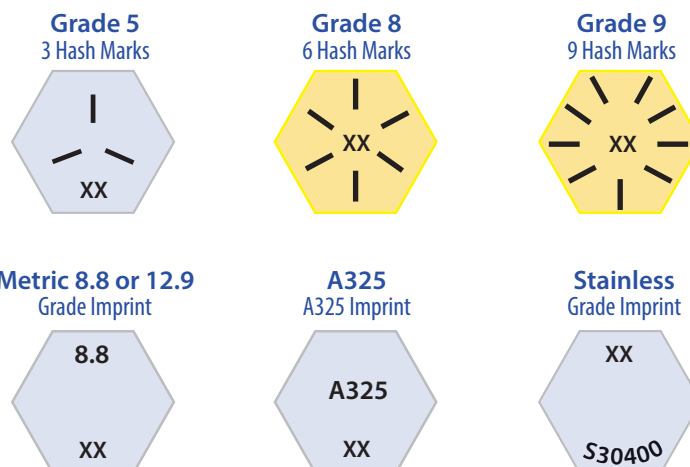
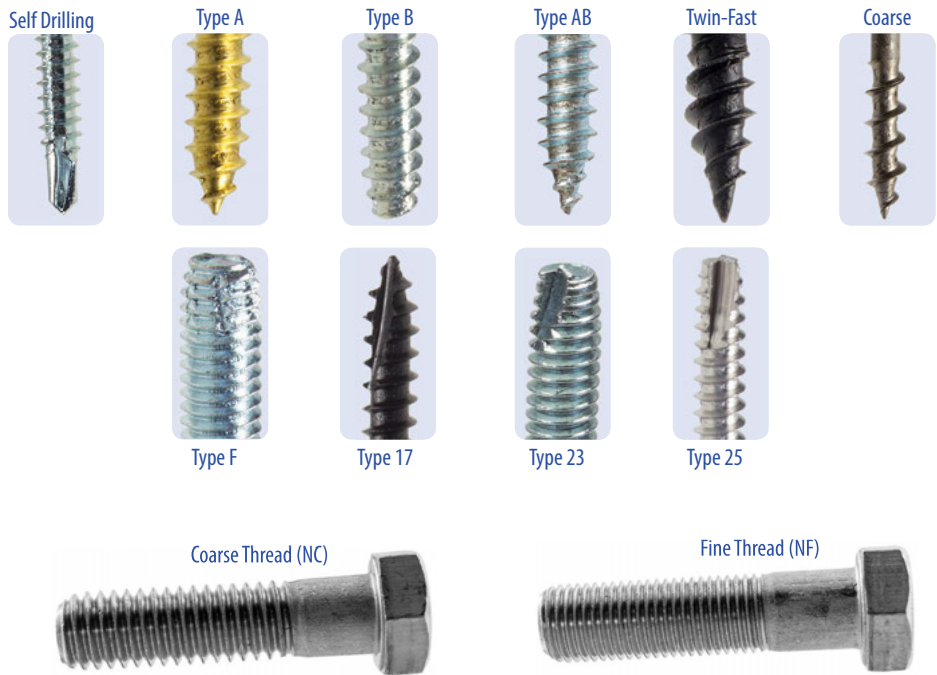
## HEAD STYLES



## RECESS STYLES



## THREAD TYPES



## BOLT HEAD IDENTIFICATION

The markings on the head of a bolt can help ID it's 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.

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# THREAD PITCH

Using a thread gauge is the easiest way to measure threads in fasteners.

## 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.

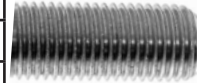
| Diameter | Coarse Thread | Fine Thread |
|----------|---------------|-------------|
| 0        | -             | 80          |
| #1       | 64            | 72          |
| #2       | 56            | 64          |
| #3       | 48            | 56          |
| #4       | 40            | 48          |
| #5       | 40            | 44          |
| #6       | 32            | 40          |
| #8       | 32            | 36          |
| #10      | 24            | 32          |
| #12      | 24            | 28          |
| 1/4      | 20            | 28          |
| 5/16     | 18            | 24          |
| 3/8      | 16            | 24          |
| 7/16     | 14            | 20          |
| 1/2      | 13            | 20          |
| 9/16     | 12            | 18          |
| 5/8      | 11            | 18          |
| 3/4      | 10            | 16          |
| 7/8      | 9             | 14          |
| 1        | 8             | 12          |
| 1 1/8    | 7             | 12          |
| 1 1/4    | 7             | 12          |
| 1 3/8    | 6             | 12          |
| 1 1/2    | 6             | 12          |
| 1 5/8    | -             | -           |
| 1 3/4    | 5             | -           |
| 1 7/8    | -             | -           |
| 2        | 4 1/2         | -           |
| 2 1/4    | 4 1/2         | -           |
| 2 1/2    | 4             | -           |
| 2 3/4    | 4             | -           |
| 3        | 4             | -           |
| 3 1/4    | 4             | -           |
| 3 1/2    | 4             | -           |
| 3 3/4    | 4             | -           |
| 4        | 4             | -           |

Coarse Thread  
(example)  
3/8-16



More durable than fine thread, with less chance of stripping, cross-threading, or knicking. Coarse thread fasteners also install faster and don't have problems with plating buildup.

Fine Thread  
(example)  
3/8-24



Fine thread fasteners are stronger than coarse thread and require less torque when tightened. They have fewer problems becoming loose with vibration, so are often used in automotive applications.

## METRIC SIZES

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

| Diameter | Coarse (mm) | Fine (mm) |      |      |
|----------|-------------|-----------|------|------|
|          |             | 0.20      | -    | -    |
| M1       | 0.25        | 0.20      | -    | -    |
| M1.2     | 0.25        | 0.20      | -    | -    |
| M1.4     | 0.30        | 0.20      | -    | -    |
| M1.6     | 0.35        | .20       | -    | -    |
| M1.7     | 0.35        | -         | -    | -    |
| M1.8     | 0.35        | 0.20      | -    | -    |
| M2       | 0.40        | 0.25      | -    | -    |
| M2.2     | 0.45        | 0.25      | -    | -    |
| M2.3     | 0.40        | -         | -    | -    |
| M2.5     | 0.45        | 0.35      | -    | -    |
| M3       | 0.50        | 0.35      | -    | -    |
| M3.5     | 0.60        | 0.35      | -    | -    |
| M4       | 0.70        | 0.50      | -    | -    |
| M4.5     | 0.75        | 0.50      | -    | -    |
| M5       | 0.80        | 0.50      | -    | -    |
| M6       | 1.00        | 0.75      | -    | -    |
| M7       | 1.00        | 0.75      | -    | -    |
| M8       | 1.25        | 1.00      | 0.75 | -    |
| M10      | 1.50        | 1.25      | 1.00 | 0.75 |
| M11      | 1.50        | 1.00      | 0.75 | -    |
| M12      | 1.75        | 1.50      | 1.25 | 1.00 |
| M14      | 2.00        | 1.50      | 1.25 | 1.00 |
| M16      | 2.00        | 1.50      | 1.00 | -    |
| M18      | 2.50        | 2.00      | 1.50 | 1.00 |
| M20      | 2.50        | 2.00      | 1.50 | 1.00 |
| M22      | 2.50        | 2.00      | 1.50 | 1.00 |
| M24      | 3.00        | 2.00      | 1.50 | 1.00 |
| M27      | 3.00        | 2.00      | 1.50 | 1.00 |
| M30      | 3.50        | 3.00      | 2.00 | 1.50 |
| M33      | 3.50        | 3.00      | 2.00 | 1.50 |
| M36      | 4.00        | 3.00      | 2.00 | 1.50 |
| M39      | 4.00        | 3.00      | 2.00 | 1.50 |
| M42      | 4.50        | 4.00      | 3.00 | 2.00 |
| M45      | 4.50        | 4.00      | 3.00 | 2.00 |
| M48      | 5.00        | 4.00      | 3.00 | 2.00 |
| M52      | 5.00        | 4.00      | 3.00 | 2.00 |

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





Products are available in low, medium, and high carbon steels, all grades of stainless steel, aluminum, plastic, nylon, brass, and silicon bronze.

## 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



## 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.

## MEDIUM CARBON STEEL

Steel is hardened to increase it's strength. Often used in automotive applications.

- Normally 1030 to 1038 Steel



## ALLOY STEEL

High strength, hardened steel commonly used in vehicle suspension systems.

- Normally 4037



## SPRING STEEL

A high strength steel that can be hardened and is easily formed and shaped.

- Normally 1050 to 1070 Steel



## SILICON BRONZE

Highly corrosion resistant, primarily made from mix of tin and copper. Often used in marine applications.

- 651 Alloy



## STAINLESS STEEL

Most fasteners are available in stainless steel, which offers great corrosion resistance, but not as strong as medium or alloy carbon steel.

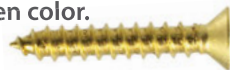
- 18-8, 410, 316 Stainless



## BRASS

Corrosion resistant, but not as strong as bronze. Often used for it's decorative golden color.

- 270 & 360 Alloy



## ALUMINUM

Corrosion resistant, but easily nicked and scratched because of it's 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.

### 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.



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# PLATING REFERENCE

A complete line of commercial finishes. All zincs, cadmium, antiques, black oxide, chrome, nickel, xylan and teflon. Many finishes are available for immediate shipment.

## NICKEL ELECTROPLATE

- Decorative silver appearance
- Good wear
- Mild corrosion resistance - for indoor use



## ZINC ELECTROPLATE

- Bright blue or white appearance
- Moderate corrosion resistance - for suburban use

## ZINC MECHANICAL PLATE

- Similar in appearance to electroplate
- Less susceptible to hydrogen embrittlement
- Moderate corrosion resistance - for suburban use



## ZINC ELECTROPLATE - YELLOW CHROMATE

- Thicker conversion than clear
- Severe corrosion resistance - for industrial use



## ZINC ELECTROPLATE - OLIVE DRAB CHROMATE

- Thicker coating than yellow
- Severe corrosion resistance - for industrial use

## ZINC MECHANICAL - BRIGHT CHROMATE

- Thin bright conversion coating
- Can be dyed for paint bonding
- Moderate corrosion resistance - for suburban use

## ZINC MECHANICAL - YELLOW CHROMATE

- Thicker conversion than clear
- Increased corrosion resistance - for industrial use

## ZINC MECHANICAL - OLIVE DRAB CHROMATE

- Thicker coating than clear
- Increased corrosion resistance - for industrial use

## ZINC MECHANICAL - CHROMATE + ORGANIC

- Additional organic (cured) coating
- Increased corrosion resistance - for industrial use

## BLACK OXIDE + OIL

- Porous & thin
- Mild corrosion resistance - for indoor use



## BRASS PLATE - LACQUERED

- Decorative electroplated finish
- Mild corrosion resistance - for indoor use

## CHROMIUM ELECTROPLATE

- Bright lustrous blue / white finish
- Mild corrosion resistance - for indoor use

## AL-1000 COATING

- Recommended on parts where stress and corrosion are a problem
- Uniform decorative finish
- No hydrogen embrittlement
- Excellent solvent & corrosion resistance
- Hard, durable coating will take abuse without chipping or scratching
- Can be applied to Carbon Steel, Alloy Steel, Stainless Steel, Titanium, and Aluminum Alloys.

## JS-1000 COATING

- Proven to remain 100% rust free in over 1000 hours of salt spray testing
- High lubricity for reduced tapping torque
- Hexavalent Chromium Free and RoHS compliant
- Completely non-toxic & environmentally friendly
- Can be powder coated for color match which also increases rust resistance



## AL-2000 COATING

- No electrochemical or chemical atmosphere corrosion
- Excellent corrosion and solvent resistance
- Uniform decorative finish in black, silver & gold
- Absolutely no hydrogen embrittlement



## COPPER ELECTROPLATE - LACQUERED

- Bright decorative finish
- Electrically Conductive
- Mild corrosion resistance - for indoor use

## CHROMIUM ELECTROPLATE - COPPER & NICKEL UNDERCOAT

- Surface is hard and abrasive resistant
- Primarily for decorative use
- Mild corrosion resistance - for indoor use

## HOT DIP ZINC MECHANICAL GALVANIZED

- Dark grey, very thick coating
- Severe corrosion resistance - for industrial use

### WHAT IS...

#### Conversion Coating

A chemical reaction converts part of the metal surface into the coating.

#### Hydrogen Embrittlement

The accidental introduction of hydrogen into the metal reduces tensile strength of material which could lead to fractures or cracks in the fastener.

#### RoHS Compliant

Stands for: Restrictions of Hazardous Substances. It restricts use of 10 hazardous materials found in electrical and electronic products.

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



Need a custom color for a job? **DONE!**

## FASTENER PAINTING

- Can run many sizes and colors at the same time
- Diameters: #4 thru 3/8
- 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!



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



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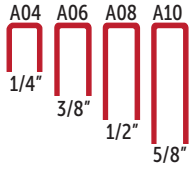
# STAPLE REFERENCE

Crown= Measurement across top of staple

Length=Measurement from crown to end of staple

## A-Series

Crown: 3/16"  
Gauge: 22



## A11-Series

Crown: 7/16"  
Gauge: 20



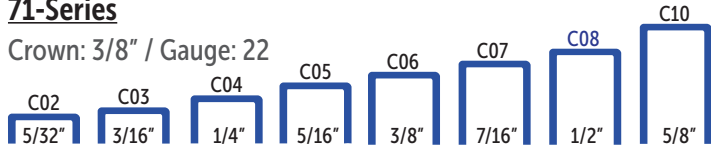
## 80-Series

Crown: 1/2"  
Gauge: 21



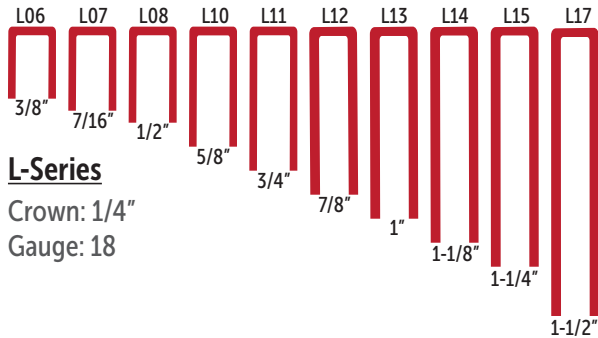
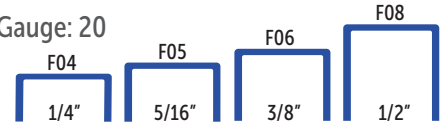
## 71-Series

Crown: 3/8" / Gauge: 22



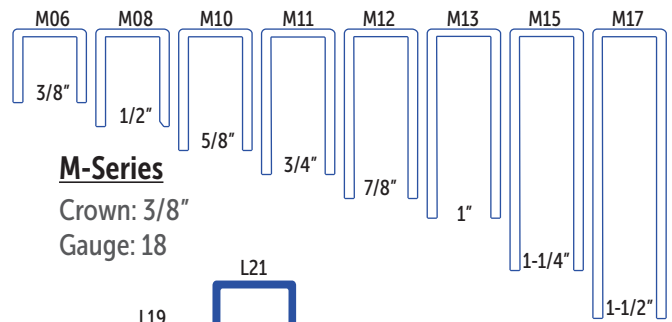
## 50-Series

Crown: 1/2" / Gauge: 20



## L-Series

Crown: 1/4"  
Gauge: 18

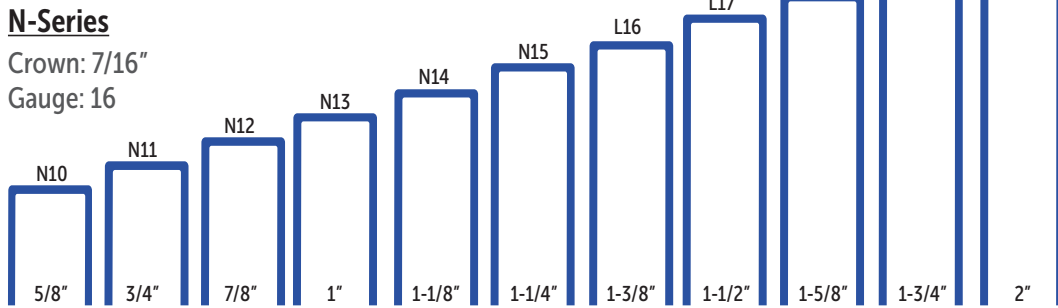


## M-Series

Crown: 3/8"  
Gauge: 18

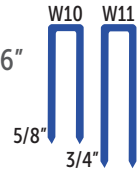
## N-Series

Crown: 7/16"  
Gauge: 16



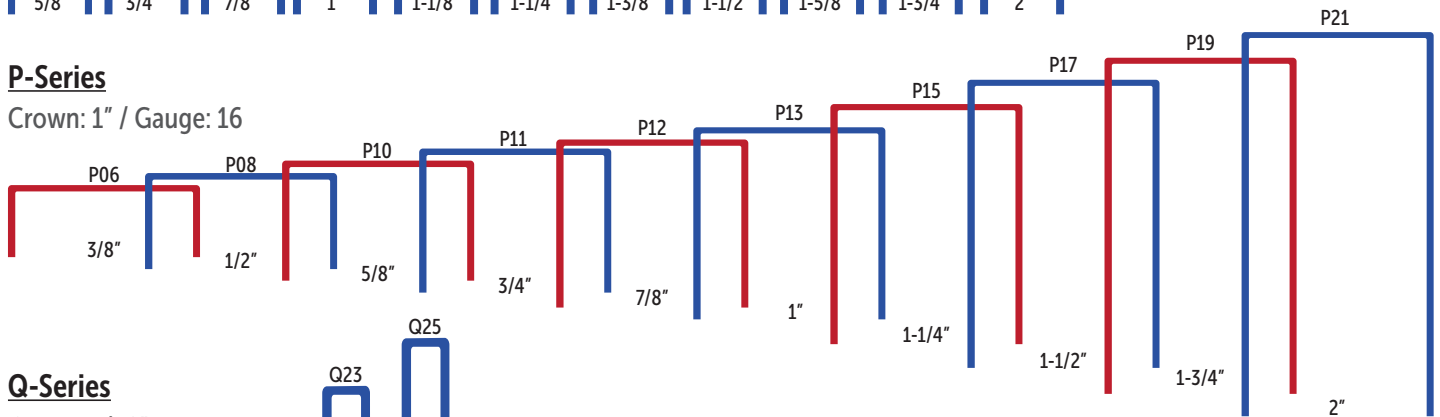
## WS-Series

Crown: 3/16"  
Gauge: 21



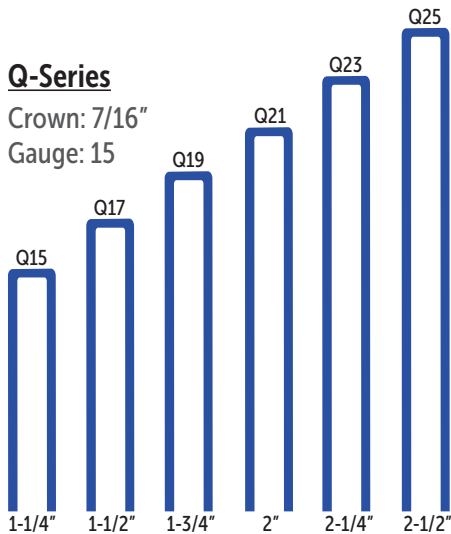
## P-Series

Crown: 1" / Gauge: 16

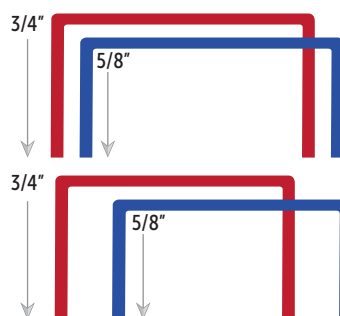


## Q-Series

Crown: 7/16"  
Gauge: 15



## Carton Closing Staples



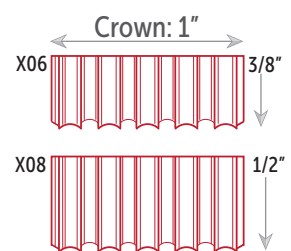
### A-Type

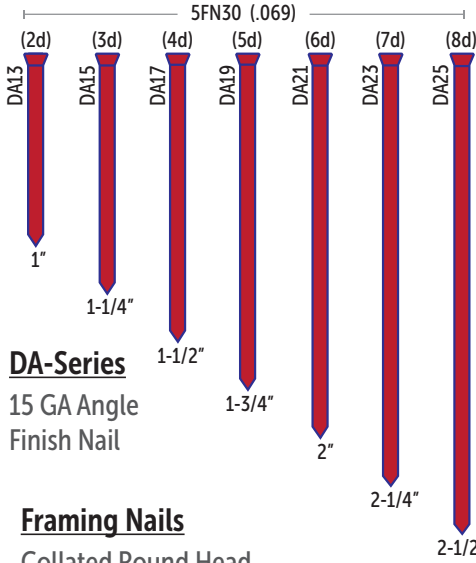
Crown: 1-3/8"  
Gauge: 16

### C-Type

Crown: 1-1/4"  
Gauge: 16

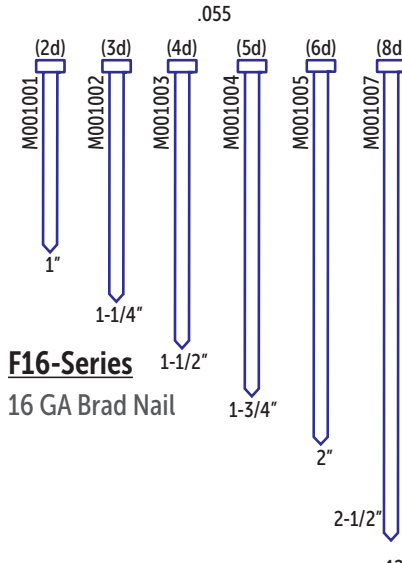
## Corrugated Fasteners





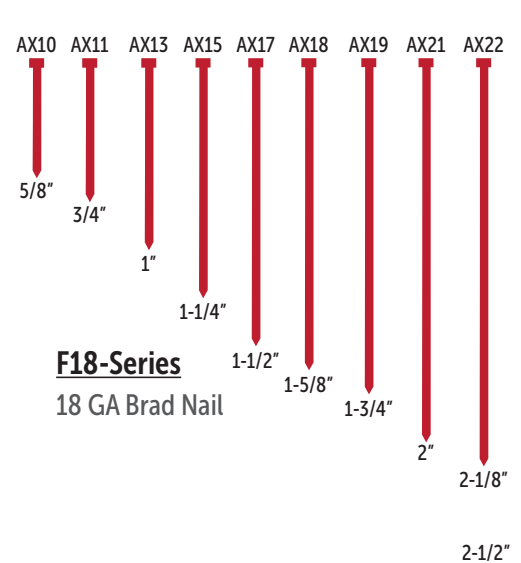
**DA-Series**

15 GA Angle Finish Nail



**F16-Series**

16 GA Brad Nail

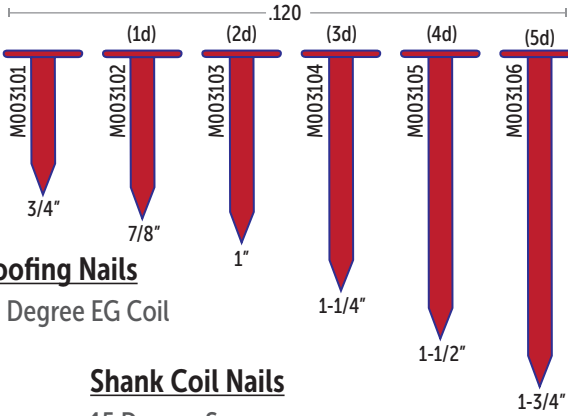
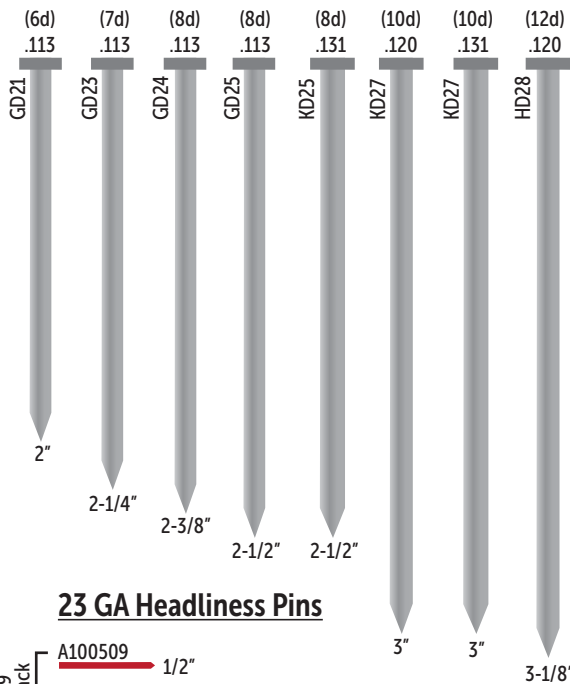


**F18-Series**

18 GA Brad Nail

**Framing Nails**

Collated Round Head  
21 Degree Plastic



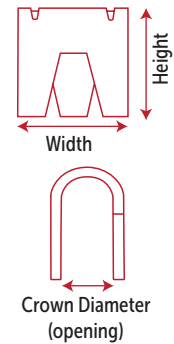
**Roofing Nails**

15 Degree EG Coil

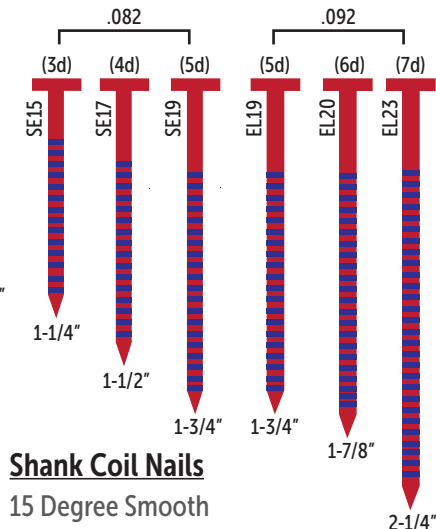
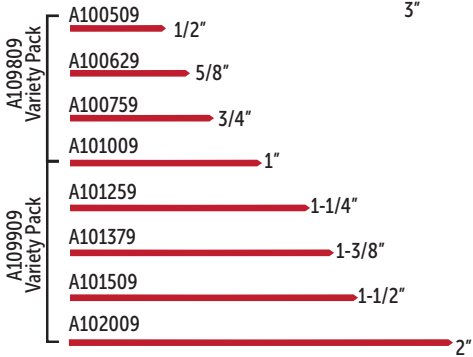
**Shank Coil Nails**

15 Degree Screw

**Spring Clips**

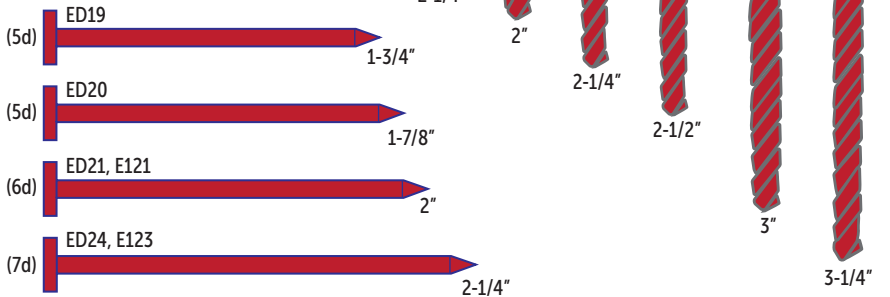


**23 GA Headlines Pins**



**Shank Coil Nails**

15 Degree Smooth



**Hog Rings**





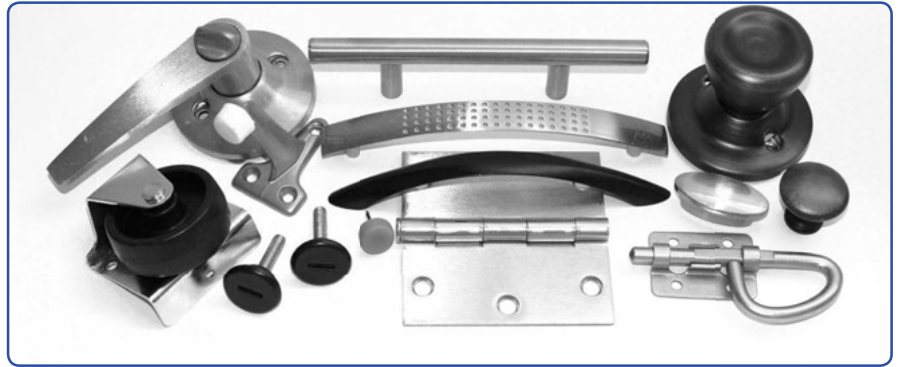
We hold industry together...

# HARDWARE

Besides Fasteners, we carry a full line of decorative and heavy duty hardware products.

## 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



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



## 7 LOCATIONS TO SERVE YOU!

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.

### California Corporate Headquarters

14650 Miller Ave. #200, Fontana, CA 92336  
PO Box 548, Fontana, CA 92334

P: 909-390-0522, 800-325-0844  
F: 909-390-0535

### Email Corporate Departments

A/P: [acctpayable@absfasteners.com](mailto:acctpayable@absfasteners.com)  
A/R: [credit@absfasteners.com](mailto:credit@absfasteners.com)  
QC: [qualitycontrol@absfasteners.com](mailto:qualitycontrol@absfasteners.com)  
Sales: [californiasales@absfasteners.com](mailto:californiasales@absfasteners.com)  
Purchasing: [purchasing@absfasteners.com](mailto:purchasing@absfasteners.com)  
Warehouse: [ca-warehouse@absfasteners.com](mailto:ca-warehouse@absfasteners.com)

### Tualatin, Oregon

20800 SW 115 Ave. Suite 190  
Tualatin, OR 97062

P: 503-570-8664, 800-392-8752  
F: 503-570-7645  
Email: [orsales@absfasteners.com](mailto:orsales@absfasteners.com)

### Phoenix, Arizona

7150 West Roosevelt, Suite D-129  
Phoenix, Arizona 85043

P: 602-233-2200, 800-337-9008  
F: 602-233-2037  
Email: [azsales@absfasteners.com](mailto:azsales@absfasteners.com)

### Elkhart, Indiana

446 Pine Creek Court  
Elkhart, Indiana 46516

P: 574-522-1560, 800-322-4050  
F: 574-295-7115  
Email: [insales@absfasteners.com](mailto:insales@absfasteners.com)

### Arlington, Texas

3215 Avenue E East  
Arlington, Texas 76011

P: 817-695-4990, 800-316-9899  
F: 817-695-1265  
Email: [txsales@absfasteners.com](mailto:txsales@absfasteners.com)



### Valdosta, Georgia

1001 East Hill Avenue  
Valdosta, Georgia 31601

P: 229-244-7767, 800-819-8944  
F: 229-244-6860  
Email: [gasales@absfasteners.com](mailto:gasales@absfasteners.com)

### Tijuana, Mexico

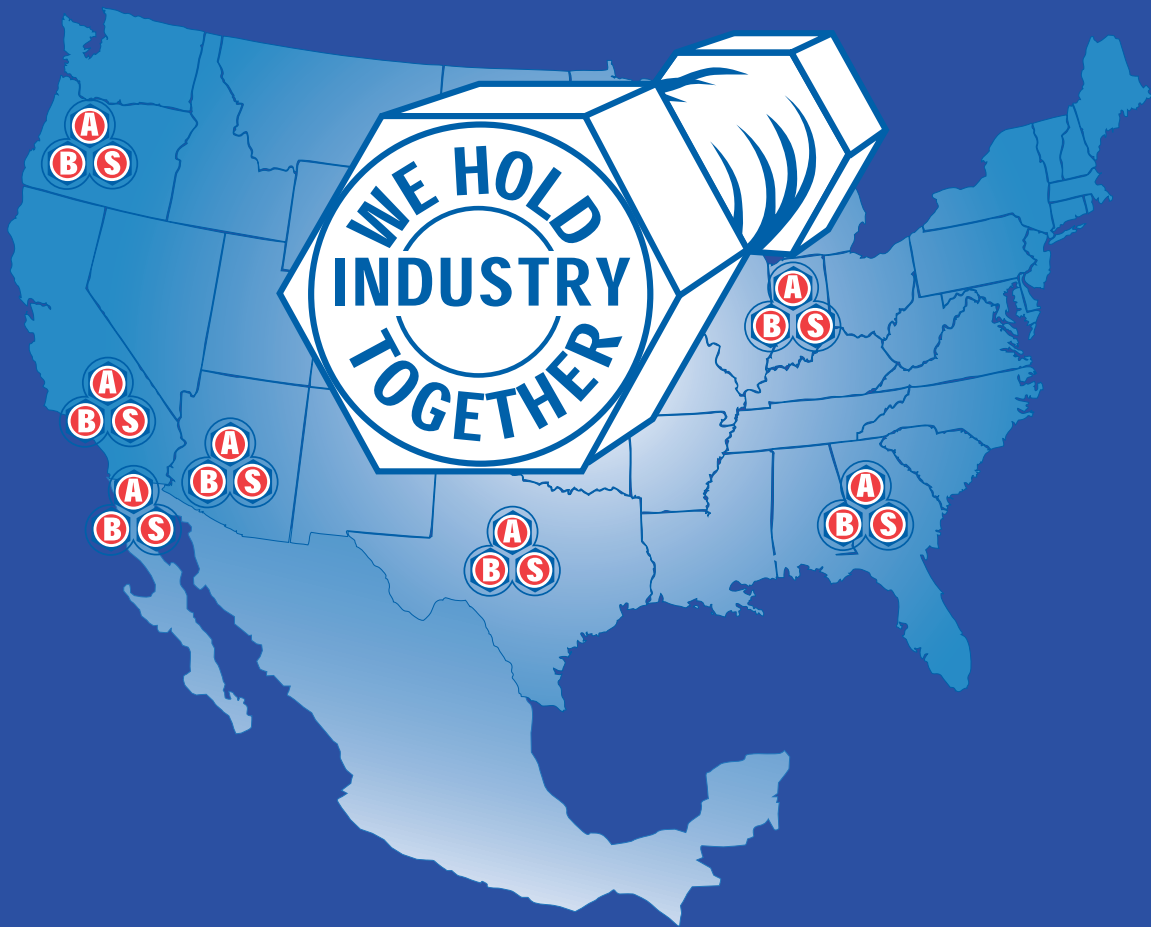
Andador Del Rey #20051,  
Nave #11 De La Plataforma #2 Del Parque  
Girasol  
Col. Rancho el Aguila CP 22215  
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