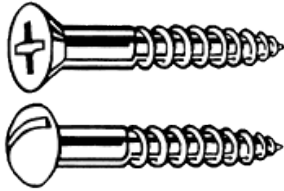


# Fastener Type Chart

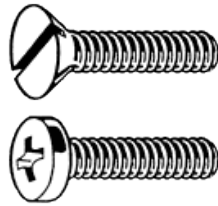
PRINTABLE FASTENER TOOLS SERIES

## Fastener Categories



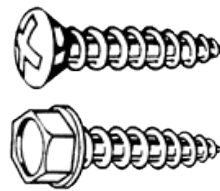
### Wood Screws

Screws with a smooth shank and tapered point for use in wood. Abbreviated WS



### Machine Screws

Screws with threads for use with a nut or tapped hole. Abbreviated MS



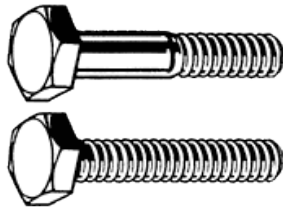
### Sheet Metal Screws

Fully threaded screws with a point for use in sheet metal. Abbreviated SMS



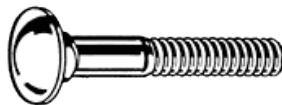
### Self Drilling SMS

A sheet metal screw with a self drilling point.



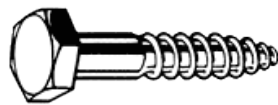
### Hex Bolts

Bolts with a hexagonal head with threads for use with a nut or tapped hole. Abbreviated HHMB or HXBT.



### Carriage Bolts

Bolts with a smooth rounded head that has a small square section underneath.



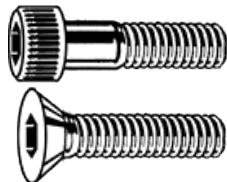
### Lag Bolts

Bolts with a wood thread and pointed tip. Abbreviated Lag.



### Set Screws

Machine screws with no head for screwing all the way into threaded holes.



### Socket Screws

Socket screws, also known as Allen Head, are fastened with a hex Allen wrench.



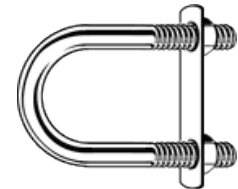
### Eye Bolts

A bolt with a circular ring on the head end. Used for attaching a rope or chain.



### Eye Lags

Similar to an eye bolt but with wood threads instead of machine thread.



### U-Bolts

Bolts in U shape for attaching to pipe or other round surfaces. Also available with a square bend.



### J-Bolts

J shaped bolts are used for tie-downs or as an open eye bolt.



### Hanger Bolts

Hanger bolts have wood thread on one end and machine thread on the other end

# Fastener Type Chart

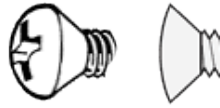
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## Head Styles



### Flat

A countersunk head with a flat top.  
Abbreviated FH



### Oval

A countersunk head with a rounded top.  
Abbreviated OH or OV



### Pan

A slightly rounded head with short vertical sides.  
Abbreviated PN



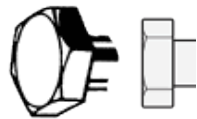
### Truss

An extra wide head with a rounded top.



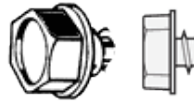
### Round

A domed head.  
Abbreviated RH



### Hex

A hexagonal head  
Abbreviated HH or HX



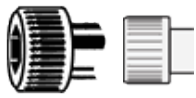
### Hex Washer

A hex head with built in washer.



### Slotted Hex Washer

A hex head with built in washer and a slot.



### Socket Cap

A small cylindrical head using a socket drive.



### Button

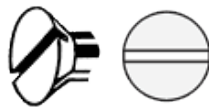
A low-profile rounded head using a socket drive.

## Drive Types



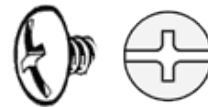
### Phillips and Frearson

An X-shaped drive.  
Abbreviated PH



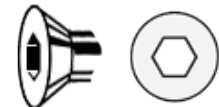
### Slotted

A slot in the head.  
Abbreviated SL



### Combination

A combination of slotted and Phillips drives.  
Abbreviated combo



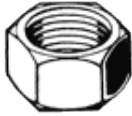
### Socket, Hex or Allen

A hexagonal hole for use with an Allen wrench.

# Fastener Type Chart

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## Nut Types



### Hex

A six sided nut. Also referred to as a Finished Hex Nut.



### Nylon Insert Lock

A nut with a nylon insert to prevent backing off. Also referred to as a Nylock.



### Jam

A hex nut with a reduced height.



### Nylon Insert Jam Lock

A nylock nut with a reduced height.



### Wing

A nut with 'wings' for hand tightening.



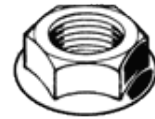
### Cap

A nut with a domed top over the end of the fastener.



### Acorn

Acorn nuts are a high crown type of cap nut, used for appearance.



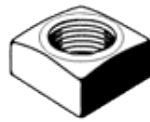
### Flange

A nut with a built in washer like flange.



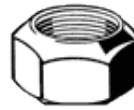
### Tee

A nut designed to be driven into wood to create a threaded hole.



### Square

A four sided nut.



### Prevailing Torque Lock

A non-reversible lock nut used for high temperature applications.



### K-Lock or Kep

A nut with an attached free-spinning external tooth lock washer.



### Coupling

Coupling nuts are long nuts used to connect pieces of threaded rod or other male fasteners.

# Fastener Type Chart

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## Washer Types



### Flat

A flat washer, used to distribute load. Available in SAE, USS and other patterns.



### Fender

An oversize flat washer used to further distribute load especially on soft materials.



### Finishing

A washer used to obtain a 'finished' look. Usually used with oval head screws.



### Split Lock

The most common style of washer used to prevent nuts and bolts from backing out.



### External Tooth Lock

A washer with external 'teeth'. Used to prevent nuts and bolts from backing out.



### Internal Tooth Lock

A washer with internal 'teeth'. Used to prevent nuts and bolts from backing out.



### Square

A square shaped washer.



### Dock

Dock washers have a larger outside diameter and are thicker than standard.



### Ogee

Thick, large diameter, cast iron washers with a curved or sculpted appearance. Typically used in dock and wood construction.