

FASTENER SUPERSTORE FASTENER GUIDE

Screws - Drives

Every threaded fastener needs a way of turning it.

Below is your basic guide to the types of **Screw Drives** and their uses.

At Fastener SuperStore, Inc., we supply only the highest quality fasteners. We make it our business to supply you with the durable hardware in the quantities you need.



PHILLIPS

Phillips drives are the most common types of screw drives. It was developed as one of the first alternatives to the slotted drive. Different sized screw heads require different sized phillips drives. Our spec sheets indicate the correct driver sizes for the screws that we carry.



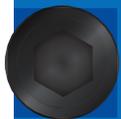
SLOTTED

A **slotted drive** is the oldest drive still commonly used today. It provides less torque than other drives and is subject to slippage. It is often referred to as a flat head, although that can cause confusion with "flat head screws" which have a head that is flat on the top and can be countersunk.



COMBO

A standard **combo drive** screw is usually a combination of a slotted and a phillips drive. Other combinations are sometimes used, such as a phillips/square drive combination or a phillips/hex combination.



SOCKET

Socket drive screws contain a hex shaped internal socket which is tightened or loosened using a hex key or allen wrench. Screws of different sizes will require different sizes of hex key. Use our spec sheets to find the correct driver for the screw you are purchasing.





HEX

One of the few drives turned by using the outside of the head rather than the inside. **Hex head screws** are installed with a socket, usually connected to a ratcheting tool or a power driver. The driver size that is required is based on the width across the flat sides of the head.

HEX WASHER HEAD



Hex Washer Head (Slotted, Unslotted, Phillips) - Similar to a hex head, but containing an attached washer shaped flange at the bottom of the head. Becoming more common than plain hex heads, some hex washer heads are available in combination with a Phillips or slotted drive.



POZI

Pozi - Pozi drives look similar to Phillips drives, but there are some major differences. The outer flanks of the Pozi drive screw are set at 45° angles, rather than rounded. The recessed area of a Pozi drive screw requires a blunt tip instead of the pointed tip of a Phillips driver. Finally, there are short tapered ribs extending from the internal corners of the drive.



SQUARE

Square - Sometimes called a Robertson drive, square drives have a square shaped socket which has a slight taper as it goes deeper into the screw head. The four 90° angles provide strong torque and decrease the possibility of slippage. Like Phillips and Torx / six-lobe drives, square drives require that the correct driver size be used. Our spec sheets indicate the correct driver sizes for the screws that we carry.



TORX®

Torx® / Six Lobe - A six-lobe drive, also referred to as Torx® style or a star drive, has a six pointed star shape and is a recent competitor to the Phillips drive. Like Phillips, different sized screw heads require different sized drivers. Our spec sheets indicate the correct driver sizes for the screws that we carry.



U DRIVE

U Drive - A U drive screw is also known as a hammer drive screw. It is set in a properly sized pilot hole and then driven into place with a hammer. The threads of the screw turn as it is driven, creating the fastening action.

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