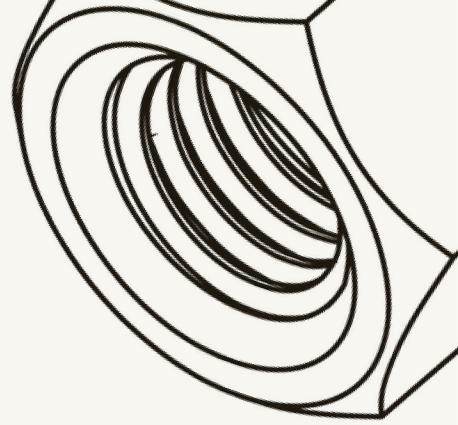


THE FASTENER GUIDE



Knapp Fasteners
INCORPORATED

Screw Types

There are many types of screws and bolts. First step is identifying what kind of screw you require. Below are some of the common types of screws.



Captive
Screws



Dowel
Screws



Drywall
Screws



Hex Socket
Products



Hi-Lo
Screws



Machine
Screws



PanelGrip
Screws



Screw
Eyes



Self Drilling
Screws



SEMS
Screws



Sheet Metal
Screws



Square Head
Set Screws



Tamper
Resistant
Screws



Thread
Cutting
Screws



Thread Rolling
Screws



Thumb
Screws



U Drive
Screws



Weld
Screws



Wing
Screws



Wood
Screws

Bolt Types

Below are some of the common types of bolts.



Carriage Bolts



Countersink Bolts



Elevator Bolts



Eye Bolts



Hanger Bolts



Hex Caps



Hex Flange Bolts



Hex Serrated Flange Bolts



Hook / J-Bolts



Joint Connector Bolts



Lag Bolts



Plow Bolts



Square Head Bolts



Step Bolts



T-Bolts



Tap Bolts



Toggle Bolts



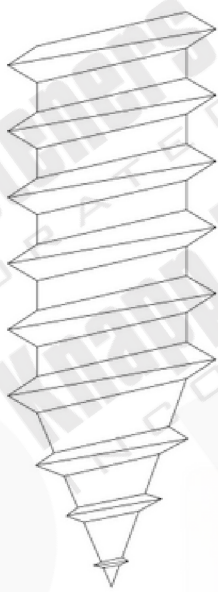
U-Bolts

What's the difference between a screw and a bolt?

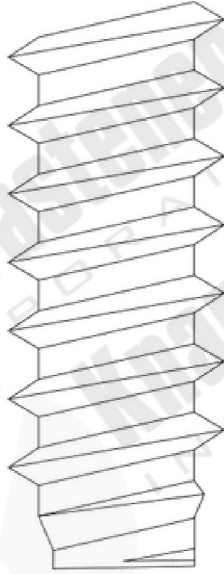
Screws have a threaded shaft and are driven into materials without the need for a separate nut, while bolts have a smooth or partially threaded shaft and require a nut for fastening. Screws are commonly used in woodworking and attaching hardware, while bolts are often used in applications that require frequent disassembly or higher strength.

Point & Thread Types

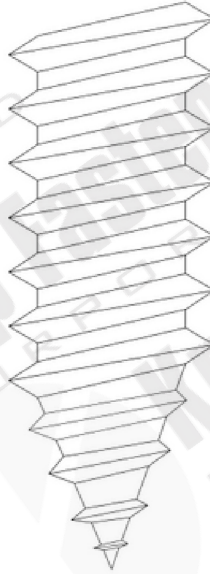
Different fasteners have varying point and thread types. Below are some common ones.



TYPE A



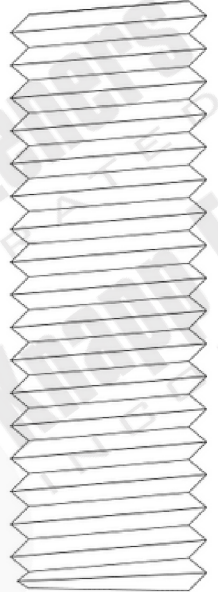
TYPE B



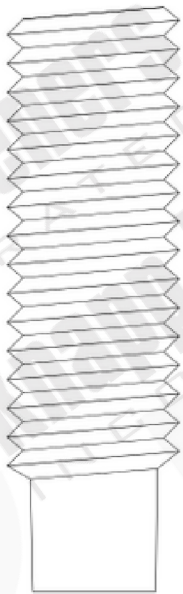
TYPE AB



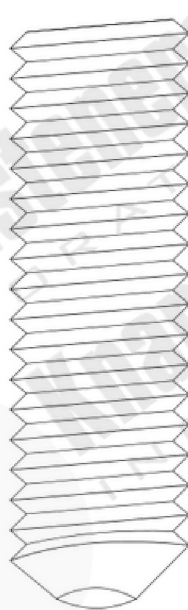
HI-LO



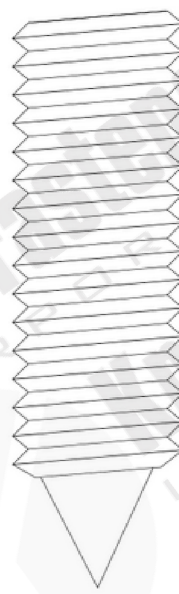
**MACHINE
SCREW**



DOG



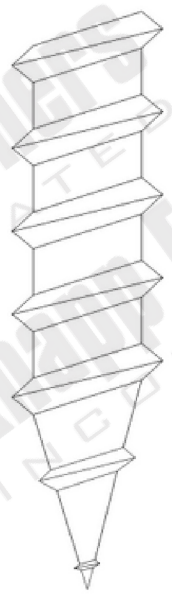
CUP



CONE



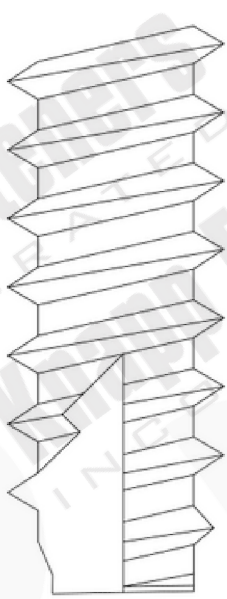
**SELF
PIERCING**



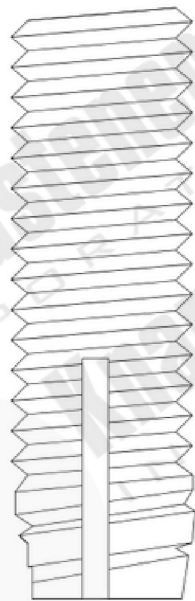
**PARTICLE
BOARD**

Thread Cutting Screw Point Types

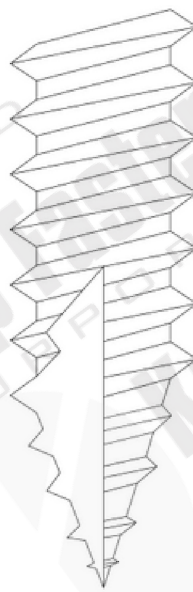
These are the different types of thread cutting screws. Each have a different point for different types of applications.



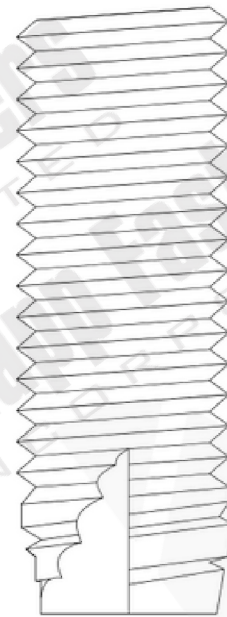
TYPE 25



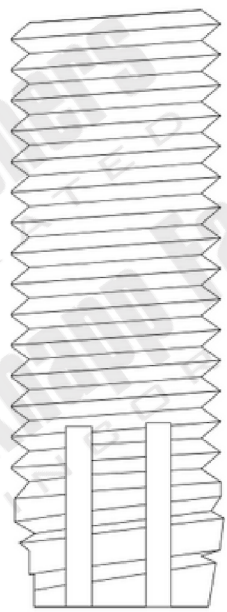
TYPE 1 (D)



TYPE 17



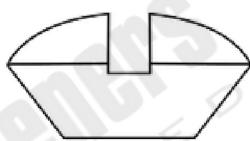
TYPE 23



TYPE F

Head Types

The head of a fastener refers to the bit above the shank or threads. Different types of screws will have different options available for the head style.



OVAL



ROUND



FLAT



BINDING



FILLISTER



TRUSS



HEXAGON



HEXAGON SLOT

Drive Types

The drive of a screw is on the head. It is the drive that a screw driver or bit goes into to install the fastener.



PHILLIPS



QUADREX
(PHILLIPS + SQUARE SOCKET)



SLOT



COMBO
(PHILLIPS + SLOT)



HEX SOCKET



6-LOBE
AKA TORX



SQUARE SOCKET
AKA ROBERTSON

Security Drives



TAMPER-RESISTANT 6-LOBE
AKA TORX



SPANNER
AKA SNAKE EYES



TAMPER-RESISTANT HEX



TRI-POINT



ONE WAY



TRI-GROOVE



PHILLIPS SECURITY

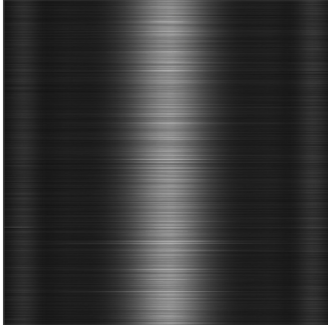


TRI-WING

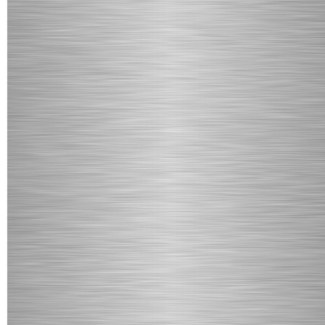
Materials

Fasteners can come in all types of materials, below are some common ones. We can provide many others including titanium and carbon fibre.

STEEL



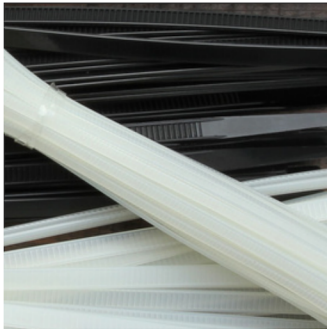
STAINLESS STEEL



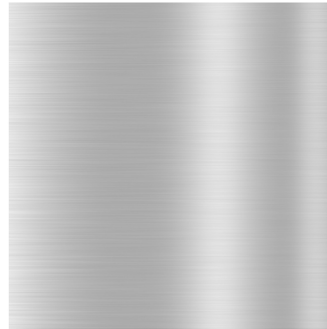
COPPER



NYLON



ALUMINUM



BRASS



Finishes

A lot of fasteners are stocked existing finishes. If it isn't a standard finish, we can take a look at doing a custom plating run to meet your needs. Some examples of common finishes include:

- Black Oxide
- Bronze
- Cadmium - Clear, Yellow, or Black
- Hot Dip Galvanized
- JS500/JS1000
- Nickel
- Suprel
- Ultraseal
- Zinc - Clear, Yellow Dichromate, Green, or Black

Nuts



ACORN/CAP



BUDDY/PALNUTS



CLINCH



COUPLING



EYE



FLANGE



HEX



JACK



PANEL



RETAINER



RIVET



SLIP ON



SLOTTED HEX



SPLINED



SQUARE



T-SLOT



T-NUTS



THUMB



TINNERMAN &
ALTERNATIVE



TOGGLE



UNISTRUT



WELD



WELL



WING

Lock Nuts



NYLON INSERT



ALL METAL TOP LOCK



TWO-WAY



SERRATED FLANGE



K-LOCK

Security Nuts



BREAK AWAY



SPANNER



SLEEVE/BARREL



TAMPRUF

Inserts



KEY LOCKING



BARB-SERT



HELICOIL



TAPPING



PRESS

Set Screws



CONE POINT



NYLON TIP



HALF DOG POINT



FULL DOG POINT



CUP POINT



SLOTTED

Rivets



BLIND



TUBULAR



SOLID



SPLIT

Rings



RETAINING RINGS



SPLIT KEY RINGS



HINGED RINGS



D-RINGS



WELDED RINGS

Washers



BEVELLED



CUP



DISC SPRING



FLAT



NYLTITE



SEALING



SHOULDER



WAVE

Lock Washers



DISC-LOCK



EXTERNAL TOOTH



INTERNAL &
EXTERNAL TOOTH



INTERNAL TOOTH



NORD-LOCK/
WEDGE-LOCK



SPLIT LOCK

Pins



CLEVIS



COILED SPRING



COTTER



DOWEL



ESCUTCHEON



HITCH CLIP



LOCK



LYNCH



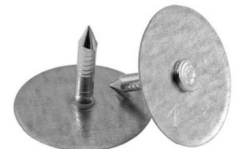
QUICK RELEASE



SLOTTED SPRING



TAPER



WELD

Shims



SLOTTED SHIMS
Available in kits
and packages.



RING SHIMS

GET IN TOUCH

- 📍 520 Boxwood Dr. Cambridge, ON
- ☎ 519-653-4558
- ✉ sales@knappfast.com
- www.knappfast.com

