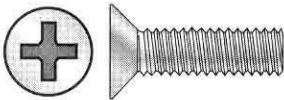


By design, threaded fasteners are utilized to secure, attach, or otherwise hold an item(s) to a surface or other item. In order for the fastener to perform this function, it is necessary that it be turned through the items needing to be secured. Depending upon their specific use, threaded fasteners have different head drive designs which allow the driving tool to be mated with the head so that it may be turned.

## RECESSED HEAD

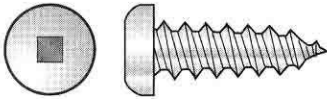
A recessed head is a head having a specially formed indentation or recess centered in its top surface. The following are common forms of recessed heads.



### Cross Recess:

More commonly known as Phillips Head. [Fig. 1(a)]

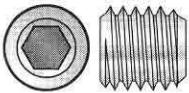
Uses: Industrial, Automotive, Airline, Household.  
Used where speed of assembly is a concern.  
Excellent for use with a power screwdriver or drill equipped with a power bit.



### Square Recess:

Robertson Head [Fig. 1(b)]

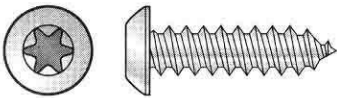
Uses: Industrial, Household (especially in Europe & Canada)



### Allen:

Hex Indented [Fig. 1(c)]

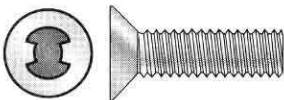
Uses: Industrial, Automotive, Airline



### Torx:

[Fig. 1(d)]

Uses: Automotive



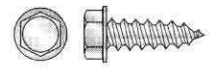
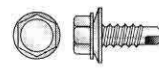
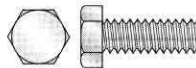
### Clutch Recess:

[Fig. 1(e)]

Uses: Industrial, Automotive, Security.  
For use with specialty applications. (Very uncommon).

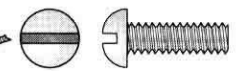
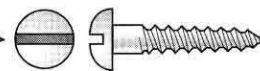
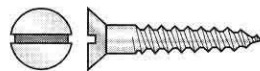
## HEX HEAD

The Hex Head Bolt is designed to be used with a wrench where heavy torque is necessary to secure the item.



## SLOTTED

A Slotted Head is a head having a slot centered across its top surface. It is normally used in household or woodworking applications.



## COMBO OR COMBINATION

This type of head could be considered a recessed head as it functions as both a Cross Recess/ Phillips Head or Slotted Head. This Combo Head design lends versatility to the fastener.

