

Fasteners 101 – Head Type

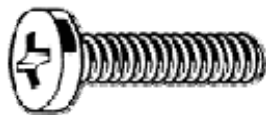
There are many head shapes available, each suited best for a specific application. Hex head is clearly the most common, but Allen head and others have definite application.

Figure 1: Fasteners Available at Ti64.



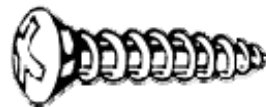
Set Screws

Machine screws with no head for screwing all the way into threaded holes. Available in metric and inch sizes, email info@ti64.com for info/quotes



Machine Screws

Screws with threads for use with a nut or tapped hole, Available with pan, oval, flat and taper head-socket drive, email info@ti64.com for info/quotes



Sheet Metal Screws

Fully-threaded screws w/ a point for use in sheet metal, Available with Flat, oval, or Pan-head email info@ti64.com for info/quotes



Tap Screws

A Sheet metal screw with a self drilling point. Available in Oval and Pan head varieties. email info@ti64.com for info/quotes



Hex Bolts

Bolts with a hexagonal head with threads for use with a nut or tapped hole. email info@ti64.com for info/quotes



Carriage Bolts

Bolts with a smooth rounded head that has a small square section underneath. email info@ti64.com for info/quotes



Lag Bolts

Bolts with a wood thread and pointed tip. Abbreviated Lag email info@ti64.com for info/quotes



Figure 2. Screw Heads Available at Ti64



Flat

A countersunk head with a flat top. Socket and Phillips drive available from Ti64

email
info@ti64.com for
info/quotes



Oval

A countersunk head with a rounded top. Square, socket, and Phillips drive available from Ti64

email info@ti64.com
for info/quotes



Pan

A slightly rounded head with short vertical sides. Square, socket, and Phillips drive available from Ti64

email
info@ti64.com for
info/quotes

Taper

A small conical head using a socket drive Available at Ti64

**We Currently
stock metrics,
SAE is 3-5
weeks lead
time**

Figure 3. Bolt Heads Available at Ti64



Dimpled Hex Head

A hexagonal Head. Abbreviated HH or HX Available in both CP and Ti-6Al-4V, Metric and SAE from Ti64

**We currently stock SAE, metrics 3-5
week lead time**



Dimpled Hex Head Flange

A hex head with built-in washer. Available in both CP and Ti-6Al-4V, Metric and SAE from Ti64

**We Currently stock SAE, metric coming
soon**



Ti64