

Bolts, Nuts, Washers



Description

Hex Bolts or Screws are usually full threaded or partial/half threaded. Generally they are Hexagonal or Heavy Hexagonal Bolts/Screws where the difference is determined through their Hex head size. As the dimension of Heavy Hex Bolt across flat is more than the hex across flat, more bearing area will be covered by Heavy Hex Bolt and hence having high strength or more bearing pressure.

An **Anchor Bolt** is used to attach objects or structures to concrete. There are many types of Anchor Bolts all consist of thread end, to which a nut and washer is attached for the external load. Anchor Bolts are extensively used on all types of projects, from standard building to dams, bridges, road, power plants etc.

Stud Bolts are fully threaded headless bolts used on Pipeline flanges for joining the pipelines. The main advantage of Stud Bolts over the Hex Bolts is that, it can be tightened from both the ends by holding one end with nut.

An **Eye Bolt** is a screw with a loop on one end and threads on the other end. Eye bolts are commonly used to attach cables to objects.

A **pipe clamp or U Bolt** can also be used to connect a pipe to the remainder of a pipe hanger assembly. Pipe clamps are recommended for suspension for cold pipe lines that may or may not be insulated. Pipe Clamps are usually used on pipes to grasp it and facilitate hoisting or suspension.

A **Dowel Bar** is a solid cylindrical rod, usually made of metal. They are often cut into short lengths employed in numerous, diverse applications including concretes to precisely align two objects in a dowel joint where a hole is bored in both objects and the dowel pin is inserted into the aligned holes.