

## Foundation Bolts

We are a factory with rich experience to produce Foundation bolts and threaded rods, we are engaged in manufacturing and supply of a wide range of High threaded rod , anchor and other Fasteners. We manufacture the products using quality raw material and using advanced technology to maintain the ISO, standards in our complete range. Further, we can also provide customization facility in terms of products as well as in terms of packaging, to suit the varied requirements of our clients.



### 1.Product Introduction

Foundation bolts allow you to secure building materials, attachments and machines through the surface of walls, flooring and concrete slabs. This method for securing heavy-weight objects involves drilling and filling openings with epoxy solutions that seal anchor bolts and hardware from inclement weather. Leaving metal screws exposed year-round leads to corrosion and weakness, but adhesive anchoring equipment is an effective way to block out moisture and keep fastening hardware from shifting over time.

What is the difference between Foundation bolts and anchor rods?

Foundation bolts are also referred to as anchor bolts or foundation bolts. Anchor rods are readily available as stock items or manufactured to meet a variety of ASTM grades and configurations depending on the application. This website only covers straight anchor rods with threads.

### 2.Product Parameter (Specification)

Specification List of Foundation bolts

Standard	DIN, UNI, ISO, JIS, GB, IS, BS, ASME, ANSI, ASTM and all International Standards
Size	M4, M5, M6, M8, M10, M12, M14, M16, M20, M24, M30, M36 to M100
Length	200mm to 6000 mm
Studs Threads:	METRIC, BSW, BSF, UNC, UNF or as required

### 3.Product Feature And Application

Foundation bolts can be used to join wood or metal together, acting as a pin to connect the two materials. They are often inserted into concrete or wood during a repair, and can be used to stabilize structures ranging from wooden furniture to concrete walls. Builders and contractors may also use a threaded rod when constructing homes or other types of buildings. Foundation bolts are also popular with metalworkers when building furniture or consumer goods.

Foundation bolts also serve as a popular method of hanging sheet metal ducts and other equipment within a building. Installers attach one end of the rod to the ceiling structure, then thread the other end into a special fastener or clip. These clips or fasteners can then be used to hang ductwork, light fixtures, or mechanical equipment.

### 4.Product Details

Foundation bolts are threaded fasteners embedded in concrete foundations with the purpose of supporting light poles, traffic signal poles, structural steel columns, highway sign structures, steel towers, industrial equipment, and many other structures. Anchor rods can be cast-in-place or post-installed in an existing concrete slab. All anchor rods possess an element such as a nut, plate, nut with plate, forged head, epoxy with threaded rod, or swedging that anchors the rod in the concrete foundation. A threaded end projects from the concrete and is used with nuts and washers to anchor the structure to the foundation.

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