

Read Free Hex  
Bolts Astm A449  
Type 1 Plain

# **Hex Bolts Astm A449 Type 1 Plain**

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## **Hex Bolts Astm A449 Type**

It is a medium strength bolt manufactured from a medium carbon or alloy steel that

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develops its mechanical values through a heat treating process. It is intended for general engineering applications. ASTM A449 is virtually identical in chemistry and strength to ASTM A325 and SAE J429 grade 5. However, A449 is more flexible in the sense that it covers a larger diameter range and is not restricted by a specific configuration.

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## **ASTM A449 - Portland Bolt**

ASTM A449 Type 1 is a grade specification for high tensile low carbon martensite steel bolting material.

BoltPort offers Hex Bolts, Heavy Hex Bolts, Stud Bolts, Threaded Rods in A449 Type 1 specification. These A449 Type 2 Bolts are manufactured from 1/4" through 3" in imperial sizes. ASTM

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A449 Type 1 Bolts can be provided with metallic zinc, hot dipped galvanizing, cadmium coatings.

## **ASTM A449 Type 1 Hex Cap Screws, Bolts, Stud Bolts**

This ASTM A449 Bolts specification covers quenched and tempered, medium strength hex cap screws, headed bolts, rods and nuts from 1/4" to 3" in diameter.

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ASTM A449 products are manufactured from medium carbon or alloy steel and are heat treated to achieve their required mechanical properties. ASTM A449 is very similar to ASTM A325 in chemistry and strength but covers a wider range of diameters.

**ASTM A449 Bolts  
Nuts and Fasteners |  
Atlanta Rod and ...**

A449 is a ASTM  
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International specification for hex cap screws, bolts and studs. A449 covers quenched and tempered steel hex cap screws, bolts and studs intended for general engineering use in sizes 1/4" to 3" inclusive. A449 TYPES  
A449 Type 1:

**ASTM A449 — Baden  
Steelbar & Bolt  
Corp.**

BoltPort offers Hex

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Bolts, Heavy Hex Bolts, Stud Bolts, Threaded Rods in A449 Type 2 specification. These A449 Type 2 Bolts are manufactured from 1/4" through 1" in imperial. ASTM A449 Type 2 Bolts can be provided with metallic zinc, hot dipped galvanizing, cadmium coatings. BoltPort can supply these bolts with EN 10204 type 3.1 certification.

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Type 1 Plain  
**ASTM A449 Type 2**

**Hex Cap Screws,  
Bolts, Stud Bolts**

Page 1 of 2 Fastenal  
Product Standard  
REV-06 Date: March 7,  
2016. HB.A449.P. Hex  
Bolts, ASTM A449,  
Type 1, Plain. The  
information below lists  
the required  
dimensional, chemical  
and physical  
characteristics of the  
products in this  
purchase order. If the  
order received does

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not meet these requirements, it may result in a supplier corrective action request, which could jeopardize your status as an approved vendor.

## **Hex Bolts, ASTM A449, Type 1, Plain**

ASTM A449-10. This specification covers quenched and tempered steel hex cap screws, bolts, and studs having a minimum tensile

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strength of 120 ksi for diameters 1" and smaller, 105 ksi for diameters over 1" to 1-1/2" and 90 ksi for diameters 1-3/4" to 3" inclusive. It covers hex cap screws, bolts and studs for general engineering use.

## **ASTM A449-10 - Haydon BoltsHaydon Bolts**

This ASTM A449 specification covers quenched and

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tempered, medium strength hex cap screws, headed bolts, rods and nuts from 1/4" to 3" in diameter. ASTM A449 products are manufactured from medium carbon or alloy steel and are heat treated to achieve their required mechanical properties.

## **ASTM Fastener Standards Specifications For A449 Hardware**

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ASTM A449 covers headed bolts, rods and anchor bolts in diameters ranging from 1/4" through 3" inclusive. It is a medium strength bolt manufactured from a medium carbon or alloy steel that develops its mechanical values through a heat treating process. It is intended for general engineering applications.

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Type 1 Plain

**Steel City Bolt -  
ASTM A449 Fastener  
Specification**

Standard Specification  
for Hex Cap Screws,  
Bolts and Studs, Steel,  
Heat Treated,  
120/105/90 ksi  
Minimum Tensile  
Strength, General Use  
Active Standard ASTM  
A449 | Developed by  
Subcommittee: F16.02  
Book of Standards  
Volume: 01.09

**ASTM A449 - 14**

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## **Standard Specification for Hex Cap Screws ...**

ASTM A449 - 14  
Standard Specification  
for Hex Cap Screws,  
Bolts and Studs, Steel,  
Heat Treated,  
120/105/90 ksi  
Minimum Tensile  
Strength, General Use.  
Active Standard ASTM  
A449 | Developed by  
Subcommittee: F16.02.  
Book of Standards  
Volume: 01.09

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## **ASTM A449 - 14 Standard Specification for Hex Cap Screws ...**

ASTM A449  
specification includes  
type 1 medium carbon  
steel bolts and studs  
manufactured in  
diameter 1/4 inch to 3  
inch for imperial  
connections and from  
M6 to M76 for metric  
connections; Whereas  
A449 type 2 is low  
carbon martensite  
steel bolts and studs

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manufactured in diameter 1/4 inch to 1 inch for imperial connections and M6 to M24 for metric connections.

## **ASTM A449 Bolts, ASTM A449 Medium Carbon Alloy Steel Bolts ...**

TorqBolt is renowned for manufacturing and stocking structural steel Astm A449 Type 2 Bolts.

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## **Astm A449 Type 2 Bolts - TorqBolt Inc. - [hex-bolt.com](http://hex-bolt.com)**

ASTM A449. Bolts, threaded rod, and anchors ranging from 1/4" to 3". Scope - This specification covers bolts, threaded rod, and anchors in diameters ranging from 1/4" through 3" inclusive. It is a medium strength bolt manufactured from a medium carbon or alloy steel that

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develops its mechanical values through a heat treating process.

## **ASTM A449 Specification - Southern Fasteners and Supply, Inc.**

ASTM A449 is a medium strength bolt manufactured from heat-treated medium carbon or alloy steel. ASTM A449 is identical to ASTM A325 and SAE J429 grade 5 in terms

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of strength and chemistry. However, A449 is more flexible since it covers a larger diameter range and is not restricted by a specific configuration.

## **ASTM A449 Bolts And Threaded Rods - BACO Enterprises Inc**

Choose from our selection of ASTM bolts, including over 14,200 products in a wide range of styles

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and sizes. In stock and ready to ship. ... ASTM A449: ASTM A484: ASTM A490: ASTM A521 Class CA: ASTM A564: ASTM A574: ASTM A574M: ASTM A581: ASTM A581 or A582: ASTM A582: ... Hex head screws are easy to install with a wrench for a secure hold.

## **ASTM Bolts | McMaster-Carr**

First, grade A325 and

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A490 bolts are produced with a heavy hex head configuration which provides a wider bearing surface over which to distribute the load. Grade 5 and 8 bolts are produced to standard hex cap screw configuration and therefore cannot distribute the load as much as is needed for structural applications.

**Structural Bolts |  
Fastenal**

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A490 bolts are similar in application and dimensions to A325 heavy hex structural bolts but are made from an alloy steel rather than a medium carbon steel, resulting in a higher strength fastener. The A490 specification is applicable to heavy hex structural bolts only.

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