

# a325 bolt tensile strength

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## ASTM A325 - Portland Bolt

These bolts are intended for use in structural connections and therefore have shorter thread lengths than standard hex bolts. Refer to the Structural Bolts page of our site for thread lengths and other related dimensions. This specification is applicable to heavy hex structural bolts only.

## ASTM A325 - Wikipedia

ASTM A325 is an ASTM International standard for heavy hex structural bolts, titled Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength.

## A325 Structural Bolts | ASTM A325

ASTM A325 covers high strength structural bolts used in structural steel connections. A325s have a heavy hex head, a full body diameter, and are normally short in overall length since they are connecting steel to steel.

## ASTM A325 Bolts Dimensions Chart, Strength, Grade A325 Structural Bolt ...

The ASTM A325 standard was withdrawn in 2016 and replaced by ASTM F3125/F3125M. Except for the dimensions, the information on this page is for reference and historical purposes only.

## ASTM A325 Bolts | McMaster-Carr

They meet ASTM A325 and ASTM F3125 standards for structural applications. Since the head is 10% wider than a standard hex head, it spreads force over a larger area, and you can tighten these screws with more torque.

## ASTM A325 Specification - Boltport Fasteners

ASTM A325 specification covers two types of quenched and tempered steel heavy hex bolts in metric and imperial sizes for structural purpose. The specification includes type 1 & type 3 fastener material intended for structural bolting purpose.

## A325 Standard Specification for Structural Bolts, Steel, Heat Treated ...

1.1 This specification covers two types of quenched and tempered steel heavy hex structural bolts having a minimum tensile strength of 120 ksi for sizes 1.0 in. and less and 105 ksi for sizes over 1.0 to 1 ½ in., inclusive. 1.2 The bolts are intended for use in structural connections.

## **A325 Heavy Hex Bolt - STS Industrial**

Grade A325 heavy hex bolts offer a heavy pattern head to increase the bearing surface and distribute the clamping load over a larger area. Covers the mechanical and material requirements for inch series fasteners used in automotive and related industries in diameters through 1-1/2".

## **A325 TYPES A325 CONNECTION TYPES - Southwest Bolt**

ASTM A325 TECHNICAL SPECIFICATIONS SCOPE meter through 1-1/2" diameter. These bolts are intended for use in structural connections and therefore have shorter thread lengths than standard hex bolts. Refer to the Structural Bolts page of our site for thread leng

## **ASTM A325 Structural Bolts, Stud Bolts, Threaded Rods**

ASTM A325 is a material specifications for structural grade carbon steel bolts, stud bolts, threaded rods in type 1 & type 3, covering requirements for chemical composition, mechanical properties, hardness with compatible nuts and washers.