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# Astm A307 Gr B Equivalent Metric Grade

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Astm A307 Carbon Steel Bolts And Nuts in Grade A & B

ASTM A515 Grade 65 - Equivalent Materials

Metric to Imperial Grade Equivalents - Portland Bolt

ASTM A307 - 14e1 Standard Specification for Carbon Steel ...

ASTM A307 Bolts | McMaster-Carr

ASTM, SAE and ISO Grade Markings for Steel Fasteners ...

Hex Bolts A307 and A307B Supplier & Distributor | Bayou ...

ASTM A307 Bolts Grade A, B, Gr 307A Threaded Rod Tensile ...

Fastener Specifications ASTM A193, A320, A307, A325, A593

astm a307 bolts, a307 hex bolts, a307 flange bolts, a307 studs

**Piping Engineering : Carbon Steel Piping Materials as per ASTM \u0026amp; DIN- EN**

**Standards A307 Grade B Heavy Hex Bolt** ~~how to navigate set of structural steel~~

~~specifications ASME B 18 2 1 ASTM A307 grade A Zinc Plated 3\u00bd4 hex bolt ASME B-18~~

~~2-1 ASTM A307 grade A Carbon Steel Yellow Zinc Plated 7\u00bd8 hex bolt~~

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ASTM A307 Grade B Heavy Hex Bolts [12 9 grade bolt astm A307 Heavy Hex Bolts](#)  
*ANSI standard ASTM A307 Grade B Grade A hex tap screw bolt* **ASME B 18 2 1**  
**ASTM A307 grade A Yellow Zinc Plated 1 1/4 hex bolt** *High quality ASTM A307*  
*Gr A 1 Carbon Steel Yellow Zinc Plated Hex Flange Bolt* **Headed anchor bolt** *High*  
*quality ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Carriage Bolt*  
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**Head Markings** **03 Types of Bolts and Screws** *Fastener Production at Dokka Fasteners*  
*in Norway* [How To Use ASME B16.5 To Design a Valve Flange](#) [#Standard Tips 3](#) *High*  
*quality ASTM A307 Gr A 1/4 Carbon Steel Yellow Zinc Plated Hex Flange Bolt* **ASME B**  
**18 2 1 ASTM A307 grade A Yellow Zinc Plated 1/4 3 hex bolt hex bolt** *ASTM A307*  
*Finish Hex Bolts*

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1/4 ASTM A307 Gr A Carbon steel Hex Bolt

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Hot Sale ASTM A307 Hex Bolts [How to use Bolt Grips For ASTM A307 reading](#)  
[structural drawings 1](#) **ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Hex**  
**Flange Bolt**

ASTM A307 Grade B Bolts, Stud Bolts, Threaded Rods

Material Standard Comparison between JIS and ASTM Standard ...

ASTM A307 - 04 Standard Specification for Carbon Steel ...

MATERIAL COMPARISON TABLE - Rolfinc

Grades - All Thread Rod

Astm A307 Gr B Equivalent

ASTM A307 - Portland Bolt

ASTM A307 Grade B Specification - Boltport Fasteners

*Astm A307 Gr B  
Equivalent Metric  
Grade*

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~~18 2 1 ASTM A307 grade A Carbon Steel  
Yellow Zinc Plated 7/8 hex bolt~~

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## **EWING RIVERA**

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**Astm A307 Carbon Steel Bolts And  
Nuts in Grade A & B Piping**

**Engineering : Carbon Steel Piping**

**Materials as per ASTM \u0026amp; DIN- EN**

**Standards A307 Grade B Heavy Hex Bolt**

how to navigate set of structural steel  
specifications *ASME B 18 2 1 ASTM A307  
grade A Zinc Plated 3/4 hex bolt ASME-B*

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ASTM A307 Grade B Heavy Hex Bolts 12  
9 grade bolt astm A307 Heavy Hex Bolts  
*ANSI standard ASTM A307 Grade B*  
*Grade A hex tap screw bolt **ASME B 18***  
**2 1 ASTM A307 grade A Yellow Zinc**  
**Plated 1 1/4 hex bolt** *High quality*  
*ASTM A307 Gr A 1 Carbon Steel Yellow*  
*Zinc Plated Hex Flange Bolt **Headed***  
**anchor bolt** *High quality ASTM A307-Gr*

A 1 Carbon Steel Yellow Zinc Plated Carriage Bolt Material Eigenschaften 101 **Concrete anchors** Understanding Fastener Grades | 0026 Materials | Fasteners 101 What are bolt strength level numbers How To Identify the Grade of a Nut. Bolt and nut measurement **Determining Bolt Grade and Head Markings** 03 Types of Bolts and Screws Fastener Production at Dokka Fasteners in Norway How To Use ASME B16.5 To Design a Valve Flange #Standard Tips 3 High quality ASTM A307 Gr A 1 4 Carbon Steel Yellow Zinc Plated Hex Flange Bolt **ASME B 18 2 1 ASTM A307 grade A Yellow Zinc Plated 1 4 3 hex bolt hex bolt** ASTM A307 Finish Hex Bolts

1 4 ASTM A307 Gr A Carbon steel Hex Bolt

Hot Sale ASTM A307 Hex Bolts How to use Bolt Grips For ASTM A307 reading structural drawings 1 **ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Hex Flange Bolt** Astm A307 Gr B Equivalent ASTM A307 Bolts, Threaded Rod, Grade A, B. ASTM A307 bolts, threaded rod and studs, are ...ASTM A307 Bolts Grade A, B, Gr 307A Threaded Rod Tensile ...ASTM A307 Grade B is a standard material specification for medium strength carbon steel fasteners specially bolts, studs and threaded rods for general purpose applications. Grade B is a heat treated carbon steel bolting material with minimum tensile requirement between 60 to 100 ksi and hardness range from 121 to 212 BHN. ASTM A307 Grade B

Specification - Boltport Fasteners ASTM A307 Grade B Carbon Steel Bolting with tensile between 60 to 100 ksi. ASTM A307 Grade B is grade specification in carbon steel bolting intended for use in flanged joints in piping system particularly with cast iron flanges. This grade covers hex headed bolts, stud bolts, threaded rods or any other bolting having a minimum tensile strength between 60 to 100 ksi. ASTM A307 Grade B Bolts, Stud Bolts, Threaded Rods The astm a307 grade a hex bolt and others in the grade A come with 60ksi minimum tensile strength while grade B can range from 60 to 100ksi and grade C from 58 to 80ksi minimum tensile strength values. The astm a307 stud bolt is used with applications where the stud is needed. The material has carbon,

manganese, phosphorus and sulfur in the composition. Astm A307 Carbon Steel Bolts And Nuts in Grade A & B You will often hear about A307 and Grade 2 bolts as being equivalent. While they are small differences they each are referred to as "low carbon" fasteners. A307 is an ASTM (industrial) spec, while Grade 2 is an SAE J429 Grade 2 (automotive) spec. Hex Bolts A307 and A307B Supplier & Distributor | Bayou ... The ASTM A307 specification covers carbon steel bolts and studs ranging from 1/4" through 4" diameter. This is your everyday, run of the mill bolt specification often manufactured using A36 round bar. There are three grades A, B, and C\* which denote tensile strength, configuration, and application. ASTM A307 - Portland Bolt Choose from our

selection of ASTM A307 bolts, including over 600 products in a wide range of styles and sizes. In stock and ready to ship. ASTM A307 Bolts | McMaster-Carr

ASTM A307 Grades A&B: Low Carbon Steel: ... When marked, the identification marking shall be the grade letter O, A or B. Properties shown are those of nonplated or noncoated coarse thread hex nuts. Properties shown are those of coarse thread heavy hex nuts. ASTM, SAE and ISO Grade Markings for Steel Fasteners ... ASTM A193 Grade B7 . Chromium Molybdenum steel, normally AISI 4140, heat treated to 28-32 Rockwell Hardness, 125,000 PSI tensile strength, 105,000 PSI yield. It will hold it's strength to 1000 degrees F. This grade of studbolts are engineered to mate with ASTM A194 Grade 2H Heavy Hex

Nuts. Fastener Specifications ASTM A193, A320, A307, A325, A593

According to ASTM A163 Grade B7 (ASTM F1554 Grade 105) minimum specified yield strength 0.2 percent offset,  $f_y$  is 105,000 psi (724 Mpa) and for ISO 898-1 Class 8.8. has 92,800 psi (640 Mpa). Can you still please confirm equivalence between ASTM A163 Grade B7 (ASTM F1554 Grade 105) and ISO 898-1 Class 8.8 (Source ICC-ES Report ESR-3187 Table 3). Metric to Imperial Grade Equivalents - Portland Bolt

ASTM A307 - 14e1 Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength. ... Grade B . Bolts, studs, and threaded rod A having a tensile strength of 60 to 100 ksi and intended for flanged joints in piping systems with cast iron flanges,

and.ASTM A307 - 14e1 Standard  
 Specification for Carbon Steel ...Grade B  
 K03006 SPHT42/STPT410 D3570/G3456  
 (16)(30) St45.8 17175 1.0405 - A126  
 Gray Iron Casings for Valves, Flanges  
 and Pipe Fittings Grade A F11501  
 GC200/FC200 D4301/G5501 - GG15  
 1691 0.6015 - Grade B F12102  
 GC250/FC250 D4301/G5501 - GG25  
 1691 0.6025 - A131 Structural Steel for  
 Ships Grade A K02300  
 SWS400A/SM400A D3515/G3106 -  
 St44-2 17100 1 ...MATERIAL  
 COMPARISON TABLE - RolfincFastener  
 Grade and Size : Nut Grade and Style A:  
 A, C, 1/4 to 1 1/2in. A, hex: A, C, over 1  
 1/2 to 4 in. A, heavy hex: B, 1/ 4 to 4 in.  
 A, heavy hex: A Nuts of other grades and  
 styles having specified proof load  
 stresses (Specification A 563, Table 3)

greater than the specified grade and  
 style of nut are also suitable.ASTM A307  
 - 04 Standard Specification for Carbon  
 Steel ...ASTM A307 Grade B - heavy hex  
 bolts and studs with a tensile strength of  
 60 to 100 ksi for flanged joints in piping  
 systems with cast iron flanges. ASTM  
 A307 bolts can be used for many  
 different applications that include  
 fastening wood, steel, and other  
 construction materials for projects such  
 as docks, bridges, highway structures,  
 and buildings.astm a307 bolts, a307 hex  
 bolts, a307 flange bolts, a307 studsASTM  
 A510 Grade G11400. ASTM A515 Grade  
 70. ASTM A576 Grade G11390. ASTM  
 A576 Grade G11400. ASTM A1020 Grade  
 D. ASTM A139 Grade C. ASTM A178  
 Grade D. ASTM A210 Grade A-1. ASTM  
 A283 Grade D. ASTM A285 Grade C.

ASTM A29 Grade 1029. ASTM A307 Grade B. ASTM A31 Grade B. ASTM A36 Grade A36. ASTM A414 Grade E. ASTM A510 Grade G10290. ASTM A516 Grade ...ASTM A515 Grade 65 - Equivalent Materials Since Anhui Jianlong Engineering shake hands with several famous Japanese brands listed in approved vendor list, such as Yokogawa, Tokyo Keiso, Koso, Ebara and etc, as per several client's requirement request of clarification to materials, we prepare this material table to indicate the equivalent metallic material in JIS standard and ASTM standard. Material Standard Comparison between JIS and ASTM Standard ...ASTM A307 Grade B This low-carbon, mild steel bolt specification covers heavy hex bolts and fully threaded studs that are intended for cast

iron flanged joints in piping systems with cast iron flanges. A307 Grade B differs from A307 Grade A in that it has a maximum tensile strength requirement. Grades - All Thread Rods 193 grade b7 (1) ansi b1.13m 1979 (18) ansi/asme b1.1 1982 (37) ansi/asme b18.5 (8) ansi/asme b18.5, rohs compliant (16) ansi/asme b18.8 (1) asme b18.5 (687) asme b18.5, sae j429 (112) asme b18.9 (130) astm 563, astm f3125 (422) astm a307 (9) astm a325 type 1 (476) astm a394 (51) astm a490 type 1 (54) astm f1852-1 (59) astm f2280-1 (43) astm ... The ASTM A307 specification covers carbon steel bolts and studs ranging from 1/4" through 4" diameter. This is your everyday, run of the mill bolt specification often manufactured using



A36 round bar. There are three grades A, B, and C\* which denote tensile strength, configuration, and application.

*ASTM A515 Grade 65 - Equivalent*

*Materials*

Fastener Grade and Size : Nut Grade and Style A: A, C, 1/4 to 1 1/2 in. A, hex: A, C, over 1 1/2 to 4 in. A, heavy hex: B, 1/4 to 4 in. A, heavy hex: A Nuts of other grades and styles having specified proof load stresses (Specification A 563, Table 3) greater than the specified grade and style of nut are also suitable.

*Metric to Imperial Grade Equivalents - Portland Bolt*

**Piping Engineering : Carbon Steel Piping Materials as per ASTM \u0026amp; DIN- EN Standards A307 Grade B Heavy Hex Bolt**  
 how to navigate set of structural steel specifications *ASME B 18 2 1 ASTM A307*

*grade A Zinc Plated 3/4 hex bolt ASME B 18 2 1 ASTM A307 grade A Carbon Steel Yellow Zinc Plated 7/8 hex bolt*

*ASTM A307 Grade B Heavy Hex Bolts 1/2 9 grade bolt astm A307 Heavy Hex Bolts ANSI standard ASTM A307 Grade B Grade A hex tap screw bolt **ASME B 18 2 1 ASTM A307 grade A Yellow Zinc Plated 1 1/4 hex bolt** High quality ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Hex Flange Bolt **Headed anchor bolt** High quality ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Carriage Bolt **Materialaaleigenschaften 101 Concrete anchors** Understanding Fastener Grades \u0026amp; Materials | Fasteners 101 What are bolt strength level numbers How To Identify the Grade of a Nut. Bolt and nut measurement*

### Determining Bolt Grade and Head

#### Markings 03 Types of Bolts and Screws

*Fastener Production at Dokka Fasteners in Norway How To Use ASME B16.5 To Design a Valve Flange #Standard Tips 3 High quality ASTM A307 Gr A 1" Carbon Steel Yellow Zinc Plated Hex Flange Bolt ASME B 18 2 1 ASTM A307 grade A Yellow Zinc Plated 1" 3 hex bolt hex bolt ASTM A307 Finish Hex Bolts*

1" ASTM A307 Gr A Carbon steel Hex Bolt

Hot Sale ASTM A307 Hex Bolts How to use Bolt Grips For ASTM A307 reading structural drawings 1 **ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Hex Flange Bolt**  
ASTM A307 - 14e1 Standard

### Specification for Carbon Steel ...

According to ASTM A163 GradeB7 (ASTM F1554 Grade 105) minimum specified yield strength 0.2 percent offset, f<sub>y</sub> is 105,000 psi (724 Mpa) and for ISO 898-1 Class 8.8. has 92,800 psi (640Mpa). Can you still please confirm equivalence between ASTM A163 GradeB7 (ASTM F1554 Grade 105) and ISO 898-1 Class 8.8 (Source ICC-ES Report ESR-3187 Table 3).

#### ASTM A307 Bolts | McMaster-Carr

a193 grade b7 (1) ansi b1.13m 1979 (18) ansi/asme b1.1 1982 (37) ansi/asme b18.5 (8) ansi/asme b18.5, rohs compliant (16) ansi/asme b18.8 (1) asme b18.5 (687) asme b18.5, sae j429 (112) asme b18.9 (130) astm 563, astm f3125 (422) astm a307 (9) astm a325 type 1 (476) astm a394 (51) astm a490 type 1

(54) astm f1852-1 (59) astm f2280-1  
(43) astm ...

### **ASTM, SAE and ISO Grade Markings for Steel Fasteners ...**

Since Anhui Jianlong Engineering shake hands with several famous Japanese brands listed in approved vendor list, such as Yokogawa, Tokyo Keiso, Koso, Ebara and etc, as per several client's requirement request of clarification to materials, we prepare this material table to indicate the equivalent metallic material in JIS standard and ASTM standard.

### **Hex Bolts A307 and A307B Supplier & Distributor | Bayou ...**

ASTM A193 Grade B7 . Chromium Molybdenum steel, normally AISI 4140, heat treated to 28-32Rockwell Hardness, 125,000 PSI tensile strength, 105, 000

PSI yield. It will hold it's strength to 1000 degrees F. This grade of studbolts are engineered to mate with ASTM A194 Grade 2H Heavy Hex Nuts.

### **ASTM A307 Bolts Grade A, B, Gr 307A Threaded Rod Tensile ...**

ASTM A307 Grade B This low-carbon, mild steel bolt specification covers heavy hex bolts and fully threaded studs that are intended for cast iron flanged joints in piping systems with cast iron flanges. A307 Grade B differs from A307 Grade A in that it has a maximum tensile strength requirement.

*Fastener Specifications ASTM A193, A320, A307, A325, A593*

Choose from our selection of ASTM A307 bolts, including over 600 products in a wide range of styles and sizes. In stock and ready to ship.

### **astm a307 bolts, a307 hex bolts, a307 flange bolts, a307 studs**

ASTM A307 Grades A&B: Low Carbon Steel: ... When marked, the identification marking shall be the grade letter O, A or B. Properties shown are those of nonplated or noncoated coarse thread hex nuts. Properties shown are those of coarse thread heavy hex nuts.

### **Piping Engineering : Carbon Steel Piping Materials as per ASTM**

**\u0026 DIN- EN Standards A307 Grade B Heavy Hex Bolt** how to navigate set of structural steel specifications **ASME B 18 2 1 ASTM A307 grade A Zinc Plated 3/4 hex bolt ASME B 18 2 1 ASTM A307 grade A Carbon Steel Yellow Zinc Plated 7/8 hex bolt**

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**ASTM A307 Grade B Heavy Hex Bolts 12 9 grade bolt astm A307 Heavy Hex Bolts ANSI standard ASTM A307 Grade B Grade A hex tap screw bolt ASME B 18 2 1 ASTM A307 grade A Yellow Zinc Plated 1 1 1/4 hex bolt High quality ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Hex Flange Bolt Headed anchor bolt High quality ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Carriage Bolt**  
**Materiaaleigenschaften 101 Concrete anchors Understanding Fastener Grades \u0026 Materials | Fasteners 101 What are bolt strength level numbers How To Identify the Grade of a Nut. Bolt and nut measurement Determining Bolt Grade and Head Markings 03 Types**

**of Bolts and Screws Fastener Production at Dokka Fasteners in Norway How To Use ASME B16.5 To Design a Valve Flange #Standard Tips 3 High quality ASTM A307 Gr A 1 1/4 Carbon Steel Yellow Zinc Plated Hex Flange Bolt ASME B 18 2 1 ASTM A307 grade A Yellow Zinc Plated 1 1/4 3 hex bolt hex bolt ASTM A307 Finish Hex Bolts**

**1 1/4 ASTM A307 Gr A Carbon steel Hex Bolt**

**Hot Sale ASTM A307 Hex Bolts How to use Bolt Grips For ASTM A307 reading structural drawings 1 ASTM A307 Gr A 1 Carbon Steel Yellow Zinc Plated Hex Flange Bolt**  
 ASTM A307 Grade B - heavy hex bolts

and studs with a tensile strength of 60 to 100 ksi for flanged joints in piping systems with cast iron flanges. ASTM A307 bolts can be used for many different applications that include fastening wood, steel, and other construction materials for projects such as docks, bridges, highway structures, and buildings.

ASTM A307 Grade B Bolts, Stud Bolts, Threaded Rods

ASTM A307 Bolts, Threaded Rod, Grade A, B. ASTM A307 bolts, threaded rod and studs, are ...

Material Standard Comparison between JIS and ASTM Standard ...

ASTM A307 Grade B is a standard material specification for medium strength carbon steel fasteners specially bolts, studs and threaded rods for

general purpose applications. Grade B is a heat treated carbon steel bolting material with minimum tensile requirement between 60 to 100 ksi and hardness range from 121 to 212 BHN.  
ASTM A307 - 04 Standard Specification for Carbon Steel ...

You will often hear about A307 and Grade 2 bolts as being equivalent. While they are small differences they each are referred to as “low carbon” fasteners. A307 is an ASTM (industrial) spec, while Grade 2 is an SAE J429 Grade 2 (automotive) spec.

MATERIAL COMPARISON TABLE - Rolfinc Grades - All Thread Rod

ASTM A510 Grade G11400. ASTM A515 Grade 70. ASTM A576 Grade G11390. ASTM A576 Grade G11400. ASTM A1020 Grade D. ASTM A139 Grade C. ASTM

A178 Grade D. ASTM A210 Grade A-1. ASTM A283 Grade D. ASTM A285 Grade C. ASTM A29 Grade 1029. ASTM A307 Grade B. ASTM A31 Grade B. ASTM A36 Grade A36. ASTM A414 Grade E. ASTM A510 Grade G10290. ASTM A516 Grade ...

Astm A307 Gr B Equivalent

The astm a307 grade a hex bolt and others in the grade A come with 60ksi minimum tensile strength while grade B can range from 60 to 100ksi and grade C from 58 to 80ksi minimum tensile strength values. The astm a307 stud bolt is used with applications where the stud is needed. The material has carbon, manganese, phosphorus and sulfur in the composition.

ASTM A307 - Portland Bolt

ASTM A307 - 14e1 Standard

Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength. ... Grade B . Bolts, studs, and threaded rod A having a tensile strength of 60 to 100 ksi and intended for flanged joints in piping systems with cast iron flanges, and. ASTM A307 Grade B Specification - Boltport Fasteners

Grade B K03006 SPHT42/STPT410 D3570/G3456 (16)(30) St45.8 17175 1.0405 - A126 Gray Iron Casings for Valves, Flanges and Pipe Fittings Grade A F11501 GC200/FC200 D4301/G5501 - GG15 1691 0.6015 - Grade B F12102

GC250/FC250 D4301/G5501 - GG25 1691 0.6025 - A131 Structural Steel for Ships Grade A K02300 SWS400A/SM400A D3515/G3106 - St44-2 17100 1 ...

ASTM A307 Grade B Carbon Steel Bolting with tensile between 60 to 100 ksi. ASTM A307 Grade B is grade specification in carbon steel bolting intended for use in flanged joints in piping system particularly with cast iron flanges. This grade covers hex headed bolts, stud bolts, threaded rods or any other bolting having a minimum tensile strength between 60 to 100 ksi.

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