

## Bolting Dimensions For Api Flanges

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### Bolting Dimensions For Api Flanges

VALVES AND PIPELINE SUPPLIES. ADELAIDE•BRISBANE •PERTH. BOLT SIZES FOR ANSI 150 TO 1500 CLASS FLANGES. Dimensions (inches) ANSI/ASME 150 - 600 lb. Flange Size 150 lb (1/16 Raised Face) 300 lb (1/16" Raised Face) 400 lb (1/4" Raised Face) 600 lb (19/4" Raised Face) Nominal Pipe Size (in) Number of Bolts Diameter of Bolts (in) Length of Headed Bolts ...

### Stud Bolt Sizes for ANSI ASME API Flanges

API FLANGE BOLT & RING CHART. API Pressure Rating Flange Size & Bore Ring Gasket Number of Studs Stud Dimensions Dia Length. ` 2 1/16" R-23 RX-23 8 5/8" 4 1/2" 2 9/16" R-26 RX-26 8 3/4" 5" 3 1/8" R-31 RX-31 8 3/4" 5 1/4" 4 1/16" R-37 RX-37 8 7/8" 6" 5 1/8" R-41 RX-41 8 1" 6 3/4" 7 1/16" R-45 RX-45 12 1" 7" 9" R-49 RX-49 12 1 1/8" 8" 11" R-53 RX-53 ...

### API FLANGE BOLT & RING CHART - TBM Supply

Flange Bolting Chart. 150 LB. Flanges. 300 LB. Flanges. 600 LB. Flanges.

### Flange Bolting Chart - Texas Flange

Bolt Dimensions. Stud Bolt Dimensions for Class 150 RF Flanges. Stud Bolt Dimensions for Class 300 RF Flanges. Stud Bolt Dimensions for Class 600 RF Flanges

### API Flange Dimensions - piping-world.com

API FLANGES Bolt Sizes & Quantities Cont. PIPE SIZE 10,000 PSI 15,000 PSI 20,000 PSI No. of Studs Stud Diameter Nut Size

### API FLANGES Bolt Sizes & Quantities

Page 1 of 12 API SPEC 6A, 16A, 17D AND MSS FLANGE GASKET, BOLT AND TORQUE REFERENCE CHART TRADEMARK REG. U.S. PATENT OFFICE Customers may order WOODCO USA Pressure Control Equipment

### API SPEC 6A, 16A, 17D AND MSS FLANGE GASKET, BOLT AND ...

Used Xylan coated steel bolts and nuts with 1/4 in. thick washers. Lubricated on all mating surfaces of washers, studs, and nuts with Moly Paste containing 70% solids. 0.17. API SA2. 0.18. New Xylan 1070 (manganese-phosphate plate) coated steel bolts and nuts without 1/4 in. thick washers. No lubrication. 0.18

### EZ Calc - ANSI and API Calculator for Flange and Bolting ...

Flange dimensions are determined by the pipe size and the pressure class required for the application. Flanges are standardized according publications from organizations like ASME, MSS, API and others. flange dimensions for pipes ranging 1/2" to 24" - in classes ranging 150 to 2500.

### ASME/ANSI B16.5 - Flanges and Bolt Dimensions Class 150 to ...

API flanges are manufactured for high strength operating refinery systems with products such as oil and explosive gases. The flange standards API 6A and ASME/ANSI B16.5 have the same dimensions - but the API 6A flanges are rated for higher pressures as indicated below: 1) In the old API standard, flanges ranged from 1 1/2 to 10 (20) inches.

### Flanges - API vs. ASME/ANSI

API sub-committee 20 on supply chain soon became aware of this document and created a committee to use the document as a basis to develop its own specification. In August 2012, API published specification 20E, Alloy and Carbon Steel Bolting for Use in the Petroleum and Natural Gas Industries.

### The importance of API 20E and API 20F bolting standards

To suit R.F. Flange sizes DN 15 to 600 to ANSI B16.5 and DN 750 & 900 to BS3293 Diameter of Bolts is shown in inches. For nominal diameters 1 inch and smaller, threads are U.N.C.; nominal diameters 1 1/8 inch and larger threads are 8 U.N. (8 T.P.I.). Length of Bolts (L) is shown in millimetres rounded to the nearest 5mm.

### Bolting for ANSI B16.5 & BS3293 Flanges - Ozlinc Industries

02.2014 TYPE 6B FLANGES FOR 2000 psi RATED WORKING PRESSURE Nominal Size and Bore of Flange Maximum Bore Outside Diameter of Flange Tolerance Maximum Chamfer Diameter of Raised Face Total Thickness of Flange Diameter of Hub Diameter of Bolt Circle Number of Bolts Diameter of Bolts Diameter of Bolt Holes Bolt Hole Tolerance (see note) Length of Bolts Ring number, R or RX

### API FLANGES - Keddco

The maximum height of each end point shall be 1.5 x pitch of thread. 2.0d FLANGE FACE STANDOFF VALUES, S. The approximate distance between faces of made-up flanges, S is given in API Spec 6A for R and RX ring gaskets. (with "RX" gasket)

### SPECIFICATION FOR STUD BOLTS AND TAP END STUDS

Integral, Blind, Target Blind and Test Flanges. Min. Yield: 60 000 PSI: 60 000 PSI: 60 000 PSI: Min. Tensile: 85 000 PSI: 85 000 PSI: 85 000 PSI: Material: API 60K: API 60K: API 60K: Weld Neck Flanges. Min. Yield: 45 000 PSI: 45 000 PSI: 45 000 PSI: Min. Tensile: 70 000 PSI: 70 000 PSI: 70 000 PSI: Material: API 45K: API 45K: API 45K: Flanges for Wellhead and Christmas Tree Equipment

### Dimensions 6B Flanges 5000 PSI Rated Working Pressure API ...

Flange Bolting ide Contents Page Examples of Typical Flange to Valve Bolting 3 Torque Loss 4 Gasket Installation 4 - 5 Tightening Methods 5 Class 150 | Double Flange Face To Face API 609, Iso 5752 Basic Series 13 | Body Drilling Ansi B16.5 6 Class 150 | Double Flange Face To Face API 609, Iso 5752 Basic Series 13 | Body Drilling Ansi B16.47 ...

### FLANGE BOLTING GUIDE

Engineers & World's Best Project Consultants use these Flanges Bolts in Machined Components, Metal Industries manufacturing Flanges Bolts & supplying to Government sector companies since 2 decades, we are approved vendor of Flanges Bolts in top notch government sector companies like ONGC, Indian Oil, NTPC, BHEL, ONGC, HPCL BPCL etc.we are also Saudi Aramco approved supplier of Flanges Bolts ...

### Flange Stud Bolts, bolts flanges chart, bolts flanges ...

In this article, I have covered Flange Bolt Dimension Chart and Stud Size Dimensions for stud and bolt used in piping. Diameter and Lengths of the stud and bolt are covered in flange standard ASME B16.5 & B16.47. as you are going to use bolt and stud to connect flanges.. Image shown below indicates the nomenclature that used in the dimension chart.

### Flange Bolt Chart and Stud Size in mm - HardHat Engineer

Dimenison chart of stud bolts for ASME B16.47 Series B(API 605) flanges(150LB, 300LB, 400LB, 600LB, 900LB).

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