

# Busline flange joint dimensions



## Overview

Diameters and bolt circles for standard ASME B16. 5 flanges - 1/4 to 24 inches - Class 150 to 2500. Flanges are standardized according publications from organizations like ASME . f standards ANSI/AWWA C110/A21. Ductile iron mechanical joint fitting 3" through 24" shall be rated for 350 PSI working pressure. Drilling Templates are furnished in multiples. Precision Hose & Expansion Joints provides easy-to-understand information about various flange dimensions for use in specific areas. This page is a useful source for engineers, contractors, and anyone engaged in the flanges business to detail specifications of flanges. Industry standard is to make to the slip on length through the hub.

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3" through 24" shall be rated for 350 PSI working pressure. All ductile iron mechanical joint fittings 30" through 48" shall be rated for 250 PSI working pressure. Flanged ductile-iron fittings in 24-in. ...



Sizes NPS 1/2 through 3-1/2 are same as Class 600 flanges. 2. 1/4 in. raised face not included in dimensions T, L and L2. 3. Bolt hole diameter 1/8 in. larger than bolt diameter.



To determine the amount of force held by a joint restraint device at a certain pressure, obtain the cross sectional area of the pipe size from the table above and multiply that number by the desired pressure.



Experience in using the Standard showed the need for hub dimensions of companion flanges and for other changes, including rerating of 250-lb and 1,350-lb flanges and development of ...



They are not identical but are "deemed to comply" with dimensions specified in ANSI/ASME B16.5 and MSS SP44 as appropriate. ISO 7005 (which AS 4331 is reproduction of) also includes European DIN ...



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Diameters and bolt circles for standard ASME B16.5 flanges - 1/4 to 24 inches - Class 150 to 2500. Flange dimensions are determined by the pipe size and the pressure class required for the application.



Each dimension is carefully listed showing bolt holes, outer diameter, thickness, and other relevant information that users may need to apply in the installation of these types of conduits. Whether for ...



Selecting the correct flange dimensions is critical for safe and reliable piping system design. This comprehensive reference section provides detailed dimensional data and weight specifications for all ...



Standard flanged reducers, with a different number of holes in each flange, will have only two centerlines which are common to the drilling templates of both flanges.

## Contact Us

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