

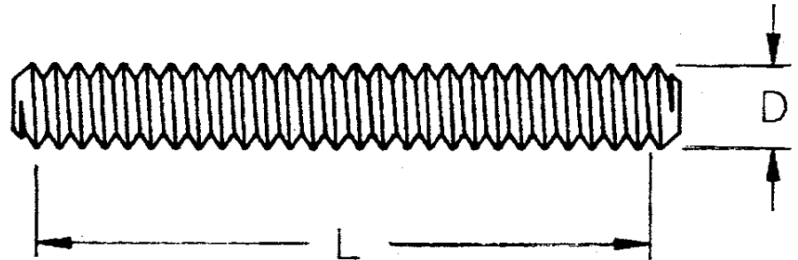


ACCESSORIES

STUD BOLTS FOR PRESSURE-TEMPERATURE PIPING

REFERENCE

Stud bolts for pressure-temperature applications conform to the requirements of ANSI/ASME B16.5, Steel Pipe Flanges and Flanged Fittings.



LENGTH-FIRST TO FIRST

The length of stud bolt, measured parallel to the axis, is the distance from first thread to first thread. First thread is defined as the intersection of the major diameter of the thread with the base of the point. Please see the drawing above-this is confusing to most users!! Stud bolts are normally available in 1/4 in. length increments. Length tolerances, all stud bolt sizes, shall be as tabulated below:

Length	Tolerance Length
To 12	+/-0.062
Over 12 to 18	+/-0.125
Over 18	+/-0.250

THREADS

Threads shall be Unified inch coarse thread series (UNC), Class 2A, for all stud bolt sizes 1 in. and smaller, and Unified inch 8 thread series (8 UN), Class 2A, for all stud bolts larger than 1 in., in accordance with ANSI/ASME B1.1. Acceptability of screw threads shall be determined based on ANSI/ASME B1.3.

MATERIAL

Chemical and mechanical requirements shall be specified by the purchaser and shall be in accordance with applicable ASME, ASTM, and ANSI codes and specifications current at the time of ordering.