

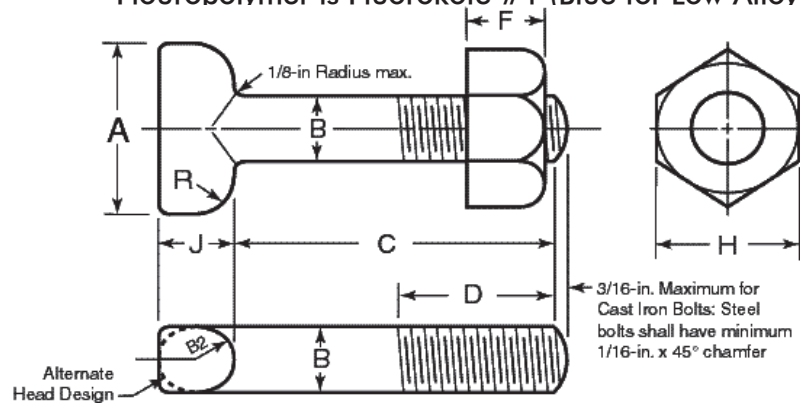


27U-BOLTS AND NUTS FOR MECHANICAL JOINTS

- *Bolts and Nuts meet ANSI/AWWA C111/A21.11
- *ASTM A242 High Strength Low Alloy Steel (Coated or Uncoated)
- *ANSI 304 or 316 AISI Stainless Steel (Coated Green or Red)
- *Fluoropolymer is Fluorokote #1 (Blue for Low Alloy Steel)

NOTES:

1. Dimension "B" is unthreaded shank.
2. Draft, when required to be 6 degree maximum, may be deducted from bolt head dimensions, and radius (B/2) may be changed to suit draft.
3. Gates, if required, may protrude a maximum of 1/8 inch above the top of the bolt head.
4. Chamfer is optional if threads are rolled.

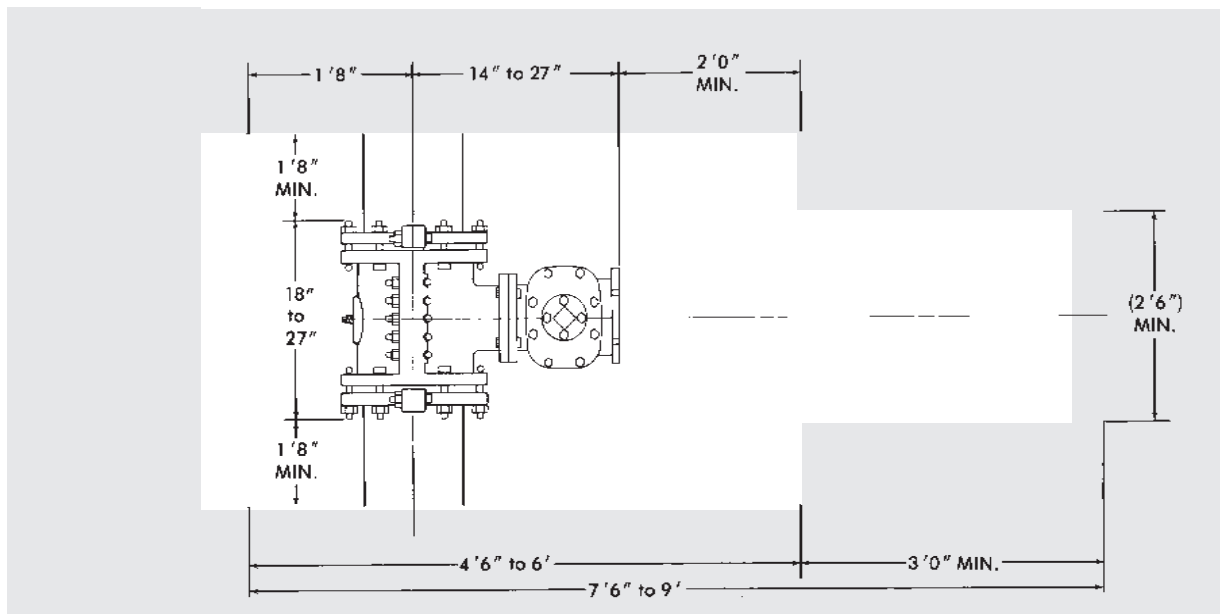


T-Head Low Alloy Weathering and AISI Stainless Steel Fasteners Dimensions in Inches

Size Inches	A ± 0.05	B +0.030 -0.074	C +0.25 -0.06	D†	Threads per Inch E ††	F	H	J +0.15 -0.03	R Max.
5/8 x 3	1.50	0.625	3.0	2.00	11	0.625 +or -.04	1.062-.04	0.625	0.312
3/4 x 3.5	1.75	0.750	3.5	2.50	10	0.750 +or -.06	1.250 -.06	0.750	0.375
3/4 x 4	1.75	0.750	4.0	3.00	10	0.750 +or -.06	1.250 -.06	0.750	0.375
3/4 x 4.5	1.75	0.750	4.5	3.00	10	0.750 +or -.06	1.250 -.06	0.750	0.375
3/4 x 5	1.75	0.750	5.0	3.00	10	0.750 +or -.06	1.250 -.06	0.750	0.375
1 x 6	1.75	1.000	6.0	3.00	8	1.000 +or -.08	1.625 -.08	1.000	0.500
1 x 7.5	2.25	1.000	7.5	4.50	8	1.000 +or -.08	1.625 -.08	1.000	0.625
1-1/4 x 6.5	2.50	1.250	6.5	3.50	7	1.250 +or -.08	2.000 -.08	1.250	0.750
1-1/4 x 8.5	2.50	1.250	8.5	4.00	7	1.250 +or -.08	2.000 -.08	1.250	0.750

The tolerance for cast iron bolts is +or-0.03". If threads are rolled, the body diameter may be reduced to the approximate pitch diameter of the thread.

† Tolerance: +3, - 0 threads †† Number of threads per inch - course-thread series (ANSI/ASME B1.1), Class 2A, course-threads series (ANSI/ASME B1.1), Class 2A, external fit UNC2A and Class 2B, UNC2B (ANSI/ASME B1.2)



Excavation dimensions - MJ 4" through 12" Tapping Sleeves for Ductile Pipe