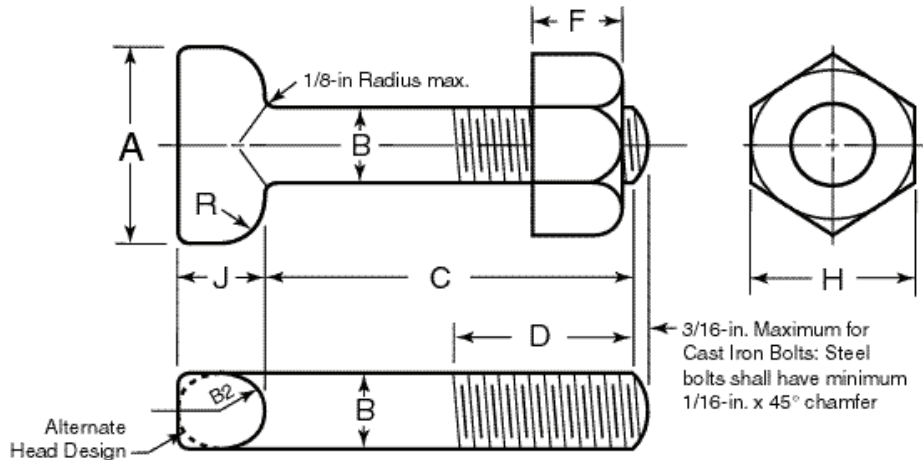


NOTES:

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 steel) Bolts and Nuts
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.
5/8x 3	1.50	0.625	3.0	2.00	11	0.625±.04	1.062-.04	0.625	0.312
3/4x 3 1/2	1.75	0.750	3.5	2.50	10	0.750±.06	1.250-.06	0.750	0.375
3/4x4	1.75	0.750	4.0	3.00	10	0.750±.06	1.250-.06	0.750	0.375
3/4x4 1/2	1.75	0.750	4.5	3.00	10	0.750±.06	1.250-.06	0.750	0.375
3/4x 5	1.75	0.750	5.0	3.00	10	0.750±.06	1.250-.06	0.750	0.375
1x6	2.25	1.000	6.0	3.00	8	1.000±.08	1.625-.08	1.000	0.500
1 1/4x6 1/2	2.50	1.250	6.5	3.50	7	1.250±.08	2.000-.08	1.250	0.625

* The tolerance for cast iron bolts is ±0.03 in. 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, external fit UNC2A and Class 2B, UNC2B (ANSI/ASME B1.2).

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

