

BLUE T-HEAD BOLTS

Product Features

- T-Bolts and nuts have fluoropolymer coating material, which is VOC-compliant, resin-bonded, thermally cured and dry lubricant.
- Bolts and nuts are manufactured in accordance with ANSI/AWWA C111/A21.11.
- Material is high-strength low-alloy steel per ANSI/AWWA C111/A21.11.
- Threads per ASME B1.1 unified standard coarse (Class 2A & 2B).

Specifications

SKU	Size	Bucket Quantity
PSMJBTBHNFN	3/4" x 3-1/2"	85
PSMJBTBHNFP	3/4" x 4"	75
PSMJBTBHNFR	3/4" x 4-1/2"	65

Mechanical Properties

- Yield Strength: 45,000 PSI (min)
- Elongation in 2in. 20% (min)

Chemical Properties

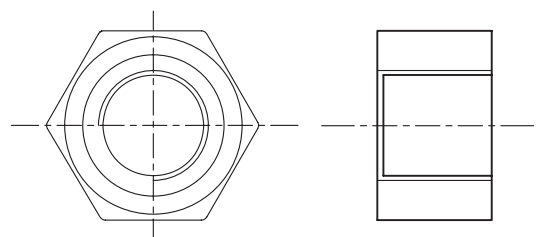
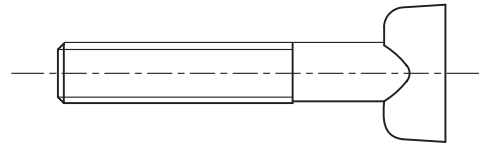
- Carbon: 0.20% Max
- Sulfur: 0.05% Max
- Copper: 0.20% Min
- Manganese: 1.25% Max
- Nickel: 0.25% Min
- Combined: 1.25% Min (Ni, Cu, Cr)

Coating Physical Properties

- Film Thickness: 0.3–0.4 mil per coat
- Number of Coats: 3–4
- Adhesion: 1 mm crosshatch test + 5 pulls. Good knife resistance
- Cure Test: 50+ rubs with MEK. No substrate exposure
- Pencil Hardness: 4–6H
- Volatile Organic Compounds: 2.74 lbs/gal

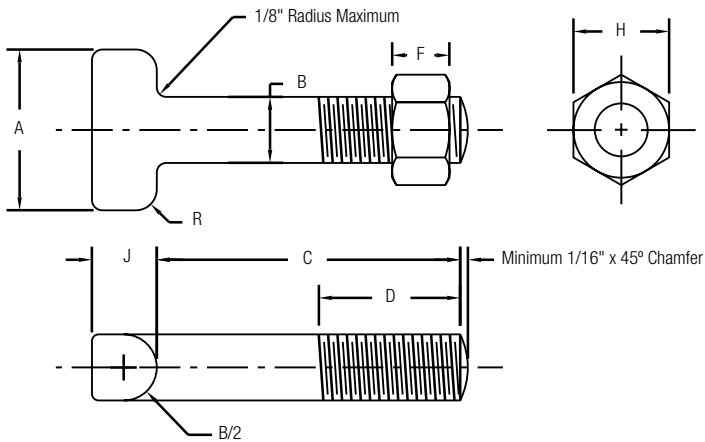
Warranty

- This PROSELECT product carries a 1-year limited warranty.



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Dimensional Data



MECHANICAL JOINT BOLT TORQUE		
Pipe Size (in)	Bolt Size (in)	Range ¹ of Torque (ft-lbs)
4-24	3/4	75-90

¹These torque ranges are requirements of AWWA C600

T-HEAD (LOW ALLOY STEEL) BOLT & NUT									
Nominal Size	A	B	C	D	Threads Per Inch	F	H	J	R
3/4 x 3-1/2	1.75	0.750	3.50	2.50	10	0.750	1.250	0.750	0.375
3/4 x 4	1.75	0.750	4.00	3.00	10	0.750	1.250	0.750	0.375
3/4 x 4-1/2	1.75	0.750	4.50	3.00	10	0.750	1.250	0.750	0.375

M-930, Sample 2, Dec. 13, 2017
Coating Shop CD: E-Coating Base Coat and Xylan 1424 Top Coat


504 Hours	Sample #	DFT	Blister Size	Frequency	Pattern	P Pinpoint Rusting		Creepback Average	Maximum	Minimum
						Corrosion Rating				
M-930-2	4.75" Bolt (A2)	~4.1	10	None	None	9	P	–	–	–

1008 Hours	Sample #	DFT	Blister Size	Frequency	Pattern	P Pinpoint Rusting		Creepback Average	Maximum	Minimum
						Corrosion Rating				
M-930-2	4.75" Bolt (A2)	~4.1	10	None	None	8	P	–	–	–

1512 Hours	Sample #	DFT	Blister Size	Frequency	Pattern	P Pinpoint Rusting		Creepback Average	Maximum	Minimum
						Corrosion Rating				
M-930-2	4.75" Bolt (A2)	~4.1	10	None	None	7	P	–	–	–