



## Plain A242 MJ Bolt Pack Submittal

The T-Head Bolts supplied shall be ASTM A242 High Strength Low Alloy weathering steel. They shall be manufactured to the latest requirements of AWWA C111/A21.11-00 and meet dimensional requirements of ANSI/ASME B16.5. Bolts shall be manufactured with a class 2A thread fit and mate with class 2B Nuts.

Heavy Hex Nuts shall be manufactured to the latest requirements of AWWA C111/A21.11-00 and meet dimensional specification ANSI/ASME B16.

Gaskets for mechanical joints shall be manufactured from vulcanized styrene butadiene rubber (SBR). Gaskets shall meet the latest requirements of ANSI/AWWA C111/A21.11-00. MJ gaskets will meet the following specifications:

<b><u>Property</u></b>	<b><u>Required Value</u></b>
Hardness, Shore "A"	75 (+/- 5)
Minimum Tensile	1500 psi (10MPa)
Minimum Elongation	150%
Minimum Aging	60%
Maximum Compression Set	20%
Ozone cracking	No cracking

V0118