



Your Trusted Source for Fasteners

Fasteners play a critical role in achieving and maintaining proper bolt load in a bolted joint. Material selection, coating, application of thread lubricant, and fastener condition influence the accuracy of the applied torque which effects consistency of the bolt load, and long-term mechanical joint integrity.

When proper fastener selection is not considered, they can become a hidden variable contributing to leaks, rework, and downtime. VSP Technologies helps eliminate the risk by supplying fasteners that meet your site specifications.



Fastener Offering

- ▶ A full range of fasteners for any application
- ▶ Grades matched to your site specifications
- ▶ Competitive pricing and fast lead times



Engineering Support You Can Rely On

- ▶ Evaluate fastener grades for application
- ▶ Provide insight on different coatings and lubrication to minimize the effect of friction
- ▶ Suggest fastener selection based on gasket type, flange design, and service conditions

VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

8140 Quality Drive, Prince George, VA 23875
800-334-6013 • vsptechnologies.com

VSP Part Number	Description
BS050020013A193-B7	0.500in x 2.250in (ETE) ASTM A193 B7
BS050020013A193-B7ZX	0.500in x 2.250in (ETE) ASTM A193 B7 Xylan 1424
BS050020013A193-B7PP	0.500in x 2.250in (ETE) ASTM A193 B7 Protinn
BS050020013A193-B8MCL2	0.500in x 2.250in (ETE) ASTM A193 B8M Class 2
BS050022513A193-B7	0.500in x 2.500in (ETE) ASTM A193 B7
BS050022513A193-B7ZX	0.500in x 2.500in (ETE) ASTM A193 B7 Xylan 1424
BS050022513A193-B7PP	0.500in x 2.500in (ETE) ASTM A193 B7 Protinn
BS050022513A193-B8MCL2	0.500in x 2.500in (ETE) ASTM A193 B8M Class 2
BS050025013A193-B7	0.500in x 2.750in (ETE) ASTM A193 B7
BS050025013A193-B7ZX	0.500in x 2.750in (ETE) ASTM A193 B7 Xylan 1424
BS050025013A193-B7PP	0.500in x 2.750in (ETE) ASTM A193 B7 Protinn
BS050025013A193-B8MCL2	0.500in x 2.750in (ETE) ASTM A193 B8M Class 2
BS050027513A193-B7	0.500in x 3.000in (ETE) ASTM A193 B7
BS050027513A193-B7ZX	0.500in x 3.000in (ETE) ASTM A193 B7 Xylan 1424
BS050027513A193-B7PP	0.500in x 3.000in (ETE) ASTM A193 B7 Protinn
BS050027513A193-B8MCL2	0.500in x 3.000in (ETE) ASTM A193 B8M Class 2
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BS050030013A193-B7ZX	0.500in x 3.250in (ETE) ASTM A193 B7 Xylan 1424
BS050030013A193-B7PP	0.500in x 3.250in (ETE) ASTM A193 B7 Protinn
BS050030013A193-B8MCL2	0.500in x 3.250in (ETE) ASTM A193 B8M Class 2
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BS050032513A193-B7ZX	0.500in x 3.500in (ETE) ASTM A193 B7 Xylan 1424
BS050032513A193-B7PP	0.500in x 3.500in (ETE) ASTM A193 B7 Protinn
BS050032513A193-B8MCL2	0.500in x 3.500in (ETE) ASTM A193 B8M Class 2
BS062030011A193-B7	0.625in x 3.250in (ETE) ASTM A193 B7
BS062030011A193-B7ZX	0.625in x 3.250in (ETE) ASTM A193 B7 Xylan 1424
BS062030011A193-B7PP	0.625in x 3.250in (ETE) ASTM A193 B7 Protinn
BS062030011A193-B8MCL2	0.625in x 3.250in (ETE) ASTM A193 B8M Class 2
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BS062032511A193-B7ZX	0.625in x 3.500in (ETE) ASTM A193 B7 Xylan 1424
BS062032511A193-B7PP	0.625in x 3.500in (ETE) ASTM A193 B7 Protinn
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BS062035011A193-B7PP	0.625in x 3.750in (ETE) ASTM A193 B7 Protinn
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BS062037511A193-B7ZX	0.625in x 4.000in (ETE) ASTM A193 B7 Xylan 1424
BS062037511A193-B7PP	0.625in x 4.000in (ETE) ASTM A193 B7 Protinn
BS062037511A193-B8MCL2	0.625in x 4.000in (ETE) ASTM A193 B8M Class 2
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BS062040011A193-B7PP	0.625in x 4.250in (ETE) ASTM A193 B7 Protinn
BS062040011A193-B8MCL2	0.625in x 4.250in (ETE) ASTM A193 B8M Class 2
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BS075052510A193-B8MCL2	0.750in x 5.500in (ETE) ASTM A193 B8M Class 2
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BS087042509A193-B7ZX	0.875in x 4.500in (ETE) ASTM A193 B7 Xylan 1424
BS087042509A193-B7PP	0.875in x 4.500in (ETE) ASTM A193 B7 Protinn
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BS100062508A193-B7PP	1.000in x 6.500in (ETE) ASTM A193 B7 Protinn
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BS100067508A193-B7PP	1.000in x 7.000in (ETE) ASTM A193 B7 Protinn
BS100067508A193-B8MCL2	1.000in x 7.000in (ETE) ASTM A193 B8M Class 2
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BS100072508A193-B7ZX	1.000in x 7.500in (ETE) ASTM A193 B7 Xylan 1424

BS100072508A193-B7PP	1.000in x 7.500in (ETE) ASTM A193 B7 Protinn
BS100072508A193-B8MCL2	1.000in x 7.500in (ETE) ASTM A193 B8M Class 2
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BS100077508A193-B7PP	1.000in x 8.000in (ETE) ASTM A193 B7 Protinn
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BS100082508A193-B7ZX	1.000in x 8.500in (ETE) ASTM A193 B7 Xylan 1424
BS100082508A193-B7PP	1.000in x 8.500in (ETE) ASTM A193 B7 Protinn
BS100082508A193-B8MCL2	1.000in x 8.500in (ETE) ASTM A193 B8M Class 2
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BS112057508A193-B7ZX	1.125in x 6.000in (ETE) ASTM A193 B7 Xylan 1424
BS112057508A193-B7PP	1.125in x 6.000in (ETE) ASTM A193 B7 Protinn
BS112057508A193-B8MCL2	1.125in x 6.000in (ETE) ASTM A193 B8M Class 2
BS112062508A193-B7	1.125in x 6.500in (ETE) ASTM A193 B7
BS112062508A193-B7ZX	1.125in x 6.500in (ETE) ASTM A193 B7 Xylan 1424
BS112062508A193-B7PP	1.125in x 6.500in (ETE) ASTM A193 B7 Protinn
BS112062508A193-B8MCL2	1.125in x 6.500in (ETE) ASTM A193 B8M Class 2
BS112067508A193-B7	1.125in x 7.000in (ETE) ASTM A193 B7
BS112067508A193-B7ZX	1.125in x 7.000in (ETE) ASTM A193 B7 Xylan 1424
BS112067508A193-B7PP	1.125in x 7.000in (ETE) ASTM A193 B7 Protinn
BS112067508A193-B8MCL2	1.125in x 7.000in (ETE) ASTM A193 B8M Class 2
BS112072508A193-B7	1.125in x 7.500in (ETE) ASTM A193 B7
BS112072508A193-B7ZX	1.125in x 7.500in (ETE) ASTM A193 B7 Xylan 1424
BS112072508A193-B7PP	1.125in x 7.500in (ETE) ASTM A193 B7 Protinn
BS112072508A193-B8MCL2	1.125in x 7.500in (ETE) ASTM A193 B8M Class 2
BS112077508A193-B7	1.125in x 8.000in (ETE) ASTM A193 B7
BS112077508A193-B7ZX	1.125in x 8.000in (ETE) ASTM A193 B7 Xylan 1424
BS112077508A193-B7PP	1.125in x 8.000in (ETE) ASTM A193 B7 Protinn
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BS112082508A193-B7	1.125in x 8.500in (ETE) ASTM A193 B7
BS112082508A193-B7ZX	1.125in x 8.500in (ETE) ASTM A193 B7 Xylan 1424
BS112082508A193-B7PP	1.125in x 8.500in (ETE) ASTM A193 B7 Protinn
BS112082508A193-B8MCL2	1.125in x 8.500in (ETE) ASTM A193 B8M Class 2
BS125065008A193-B7	1.250in x 6.750in (ETE) ASTM A193 B7
BS125065008A193-B7ZX	1.250in x 6.750in (ETE) ASTM A193 B7 Xylan 1424
BS125065008A193-B7PP	1.250in x 6.750in (ETE) ASTM A193 B7 Protinn

BS125065008A193-B8MCL2	1.250in x 6.750in (ETE) ASTM A193 B8M Class 2
BS125067508A193-B7	1.250in x 7.000in (ETE) ASTM A193 B7
BS125067508A193-B7ZX	1.250in x 7.000in (ETE) ASTM A193 B7 Xylan 1424
BS125067508A193-B7PP	1.250in x 7.000in (ETE) ASTM A193 B7 Protinn
BS125067508A193-B8MCL2	1.250in x 7.000in (ETE) ASTM A193 B8M Class 2
BS125072508A193-B7	1.250in x 7.500in (ETE) ASTM A193 B7
BS125072508A193-B7ZX	1.250in x 7.500in (ETE) ASTM A193 B7 Xylan 1424
BS125072508A193-B7PP	1.250in x 7.500in (ETE) ASTM A193 B7 Protinn
BS125072508A193-B8MCL2	1.250in x 7.500in (ETE) ASTM A193 B8M Class 2
BS125077508A193-B7	1.250in x 8.000in (ETE) ASTM A193 B7
BS125077508A193-B7ZX	1.250in x 8.000in (ETE) ASTM A193 B7 Xylan 1424
BS125077508A193-B7PP	1.250in x 8.000in (ETE) ASTM A193 B7 Protinn
BS125077508A193-B8MCL2	1.250in x 8.000in (ETE) ASTM A193 B8M Class 2
BS125082508A193-B7	1.250in x 8.500in (ETE) ASTM A193 B7
BS125082508A193-B7ZX	1.250in x 8.500in (ETE) ASTM A193 B7 Xylan 1424
BS125082508A193-B7PP	1.250in x 8.500in (ETE) ASTM A193 B7 Protinn
BS125082508A193-B8MCL2	1.250in x 8.500in (ETE) ASTM A193 B8M Class 2
BS125087508A193-B7	1.250in x 9.000in (ETE) ASTM A193 B7
BS125087508A193-B7ZX	1.250in x 9.000in (ETE) ASTM A193 B7 Xylan 1424
BS125087508A193-B7PP	1.250in x 9.000in (ETE) ASTM A193 B7 Protinn
BS125087508A193-B8MCL2	1.250in x 9.000in (ETE) ASTM A193 B8M Class 2
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BS150087508A193-B7ZX	1.500in x 9.000in (ETE) ASTM A193 B7 Xylan 1424
BS150087508A193-B7PP	1.500in x 9.000in (ETE) ASTM A193 B7 Protinn
BS150087508A193-B8MCL2	1.500in x 9.000in (ETE) ASTM A193 B8M Class 2
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BS150092508A193-B7ZX-1	1.500in x 9.500in (ETE) ASTM A193 B7 Xylan 1424
BS150092508A193-B7PP	1.500in x 9.500in (ETE) ASTM A193 B7 Protinn
BS150092508A193-B8MCL2	1.500in x 9.500in (ETE) ASTM A193 B8M Class 2
BS150097508A193-B7	1.500in x 10.000in (ETE) ASTM A193 B7
BS150097508A193-B7ZX	1.500in x 10.000in (ETE) ASTM A193 B7 Xylan 1424
BS150097508A193-B7PP	1.500in x 10.000in (ETE) ASTM A193 B7 Protinn
BS150097508A193-B8MCL2	1.500in x 10.000in (ETE) ASTM A193 B8M Class 2
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BS150102508A193-B7ZX	1.500in x 10.500in (ETE) ASTM A193 B7 Xylan 1424
BS150102508A193-B7PP	1.500in x 10.500in (ETE) ASTM A193 B7 Protinn
BS150102508A193-B8MCL2	1.500in x 10.500in (ETE) ASTM A193 B8M Class 2

BS150107508A193-B7	1.500in x 11.000in (ETE) ASTM A193 B7
BS150107508A193-B7ZX	1.500in x 11.000in (ETE) ASTM A193 B7 Xylan 1424
BS150107508A193-B7PP	1.500in x 11.000in (ETE) ASTM A193 B7 Protinn
BS150107508A193-B8MCL2	1.500in x 11.000in (ETE) ASTM A193 B8M Class 2
BS150112508A193-B7	1.500in x 11.500in (ETE) ASTM A193 B7
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BS150112508A193-B7PP	1.500in x 11.500in (ETE) ASTM A193 B7 Protinn
BS150112508A193-B8MCL2	1.500in x 11.500in (ETE) ASTM A193 B8M Class 2

**Additional fastener materials, lengths, and diameters
available upon request.**

8140 Quality Drive, Prince George, VA 23875
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