



## SS316 Stainless Steel Metric Size Threaded Rod

SS316 stainless Steel is more resistant to corrosion than 304. The main difference between 304 vs 316 stainless steel is that 304 does not contain molybdenum. The addition of molybdenum provides pitting resistance in phosphoric acid, acetic acid and dilute chloride solutions and provides corrosion resistance in sulfurous acid.



**SKU: [FAS1412](#)**

### **Brief Data:**

- Thread Size: M10 Metric.
- Thread Pitch: 1.5mm.
- Major Diameter: (Ø9.85~Ø9.95) mm.
- Material: SS316 Stainless Steel.
- Length: 500mm.
- Thread Length Style: Fully Threaded.
- Operating Temperature: 800°C.
- Tensile Strength: 579MPa/84KSI.

## Mechanical Dimension:

Unit: mm

Coarse & Fine Thread											
THREAD	mm	M4	M5	M6	M7	M8	M8	M10	M10	M12	M12
DIAMETER	inch	0.157	0.197	0.236	0.276	0.315	0.315	0.315	0.394	0.472	0.472
PITCH	mm	0.700	0.800	1.000	1.000	1.000	1.250	1.250	1.500	1.250	1.750

THREAD	mm	M14	M16	M16	M18	M20	M20	M22	M24	M27	M30
DIAMETER	inch	0.551	0.630	0.630	0.709	0.787	0.787	0.866	0.945	1.063	1.181
PITCH	mm	2.000	1.500	2.000	2.500	1.500	2.500	2.500	3.000	3.000	3.500

THREAD	mm	M33	M36	M39	M42	M45	M48	M52	M56	M60	M64
DIAMETER	inch	1.299	1.417	1.535	1.654	1.772	1.890	2.047	2.205	2.362	2.520
PITCH	mm	3.500	4.000	4.000	4.500	4.500	5.000	5.000	5.500	5.500	6.000





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