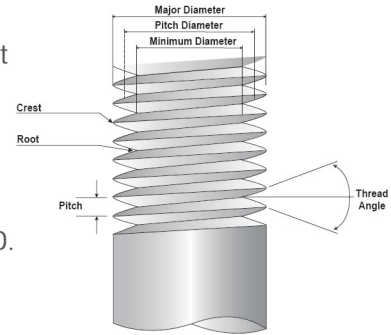


THREAD PITCH CHART

8 - THREAD SERIES

Thread series cover designations of diameter/pitch combinations that are measured by the number of threads per inch (TPI) applied to a single diameter.

8 - Thread Series (8UN) is the specified thread forming method for several ASTM standards including A193 B7, A193 B8/B8M, and A320. This series is used for diameters one inch and above.



Nominal Size & Threads Per Inch	Basic Pitch Diameter (Inches)	Section at Minor Diameter (In ²)	Tensile Stress Area (In ²)
1 - 8	0.9188	0.551	0.606
1 ¹ / ₈ - 8	1.0438	0.728	0.790
1 ¹ / ₄ - 8	1.1688	0.929	1.000
1 ³ / ₈ - 8	1.2938	1.155	1.233
1 ¹ / ₂ - 8	1.4188	1.405	1.492
1 ⁵ / ₈ - 8	1.5438	1.68	1.78
1 ³ / ₄ - 8	1.6688	1.98	2.08
1 ⁷ / ₈ - 8	1.7938	2.30	2.41
2 - 8	1.9188	2.65	2.77
2 ¹ / ₄ - 8	2.1688	3.42	3.56
2 ¹ / ₂ - 8	2.4188	4.29	4.44
2 ³ / ₄ - 8	2.6688	5.26	5.43
3 - 8	2.9188	6.32	6.51
3 ¹ / ₄ - 8	3.1688	7.49	7.69
3 ¹ / ₂ - 8	3.4188	8.75	8.96
3 ³ / ₄ - 8	3.6688	10.11	10.34
4 - 8	3.9188	11.57	11.81

Need more information on thread pitch? We're here to help!