

Thread Pitch Chart

Coarse Thread Series - UNC				Fine Thread Series - UNF				8 – Thread Series – 8UN			
Nominal Size & Threads Per In.	Basic Pitch Dia.	Section at Minor Dia.	Tensile Stress Area	Nominal Size & Threads Per In.	Basic Pitch Dia.	Section at Minor Dia.	Tensile Stress Area	Nominal Size & Threads Per In.	Basic Pitch Dia.	Section at Minor Dia.	Tensile Stress Area
	In.	Sq. In.	Sq. In.		In.	Sq. In.	Sq. In.		In.	Sq. In.	Sq. In.
3/8 – 16	0.3344	0.0678	0.0775	3/8 – 24	0.3479	0.0809	0.0878	-	-	-	-
7/16 – 14	0.3911	0.0933	0.1063	7/16 – 20	0.4050	0.1090	0.1187	-	-	-	-
1/2 – 13	0.4500	0.1257	0.1419	1/2 – 20	0.4675	0.1486	0.1599	-	-	-	-
9/16 – 12	0.5084	0.162	0.182	9/16 – 18	0.5264	0.189	0.203	-	-	-	-
5/8 – 11	0.5660	0.202	0.226	5/8 – 18	0.5889	0.240	0.256	-	-	-	-
3/4 – 10	0.6850	0.302	0.334	3/4 – 16	0.7094	0.351	0.373	-	-	-	-
7/8 – 9	0.8028	0.419	0.462	7/8 – 14	0.8286	0.480	0.509	-	-	-	-
1 – 8	0.9188	0.551	0.606	1 – 12	0.9459	0.625	0.663	1 – 8	0.9188	0.551	0.606
1-1/8 – 7	1.0322	0.693	0.763	1-1/8 – 12	1.0709	0.812	0.856	1-1/8 – 8	1.0438	0.728	0.790
1-1/4 – 7	1.1572	0.890	0.969	1-1/4 – 12	1.1959	1.024	1.073	1-1/4 – 8	1.1688	0.929	1.000
1-3/8 – 6	1.2667	1.054	1.155	1-3/8 – 12	1.3209	1.260	1.315	1-3/8 – 8	1.2938	1.155	1.233
1-1/2 – 6	1.3917	1.294	1.405	1-1/2 – 12	1.4459	1.521	1.581	1-1/2 – 8	1.4188	1.405	1.492
-	-	-	-	-	-	-	-	1-5/8 – 8	1.5438	1.68	1.78
1-3/4 – 5	1.6201	1.74	1.90	-	-	-	-	1-3/4 – 8	1.6688	1.98	2.08
-	-	-	-	-	-	-	-	1-7/8 – 8	1.7938	2.30	2.41
2 – 4-1/2	1.8557	2.30	2.50	-	-	-	-	2 – 8	1.9188	2.65	2.77
2-1/4 – 4-1/2	2.1057	3.02	3.25	-	-	-	-	2-1/4 – 8	2.1688	3.42	3.56
2-1/2 – 4	2.3376	3.72	4.00	-	-	-	-	2-1/2 – 8	2.4188	4.29	4.44
2-3/4 – 4	2.5876	4.62	4.93	-	-	-	-	2-3/4 – 8	2.6688	5.26	5.43
3 – 4	2.8376	5.62	5.97	-	-	-	-	3 – 8	2.9188	6.32	6.51
3-1/4 – 4	3.0876	6.72	7.10	-	-	-	-	3-1/4 – 8	3.1688	7.49	7.69
3-1/2 – 4	3.3376	7.92	8.33	-	-	-	-	3-1/2 – 8	3.4188	8.75	8.96
3-3/4 – 4	3.5876	9.21	9.66	-	-	-	-	3-3/4 – 8	3.6688	10.11	10.34
4 – 4	3.8376	10.61	11.08	-	-	-	-	4 – 8	3.9188	11.57	11.81