



Thread Pitch Chart

Coarse Thread Series - UNC				Fine Thread Series - UNF				8 - Thread Series - 8UN			
Nominal Size and Threads per inch	Basic Pitch Diameter	Section at Minor Diameter	Tensile Stress Area	Nominal Size and Threads per inch	Basic Pitch Diameter	Section at Minor Diameter	Tensile Stress Area	Nominal Size and Threads per inch	Basic Pitch Diameter	Section at Minor Diameter	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

Providing solutions to your sourcing needs