

Thread Pitch Chart

Coarse Thread Series - UNC				Fine Thread Series - UNF				8-Thread Series - 8UN			
Nominal Size and Threads Per In.	Basic Pitch Dia.	Section at Minor Dia.	Tensile Stress Area	Nominal Size and Threads Per In.	Basic Pitch Dia.	Section at Minor Dia.	Tensile Stress Area	Nominal Size and 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	0.334 4	0.0678	0.0775	3/8 - 24	0.347 9	0.0809	0.0878	-- --	--	--	--
7/16 - 14	0.391 1	0.0933	0.1063	7/16 - 20	0.405 0	0.1090	0.1187	-- --	--	--	--
1/2 - 13	0.450 0	0.1257	0.1419	1/2 - 20	0.467 5	0.1486	0.1599	-- --	--	--	--
9/16 - 12	0.508 4	0.162	0.182	9/16 - 18	0.526 4	0.189	0.203	-- --	--	--	--
5/8 - 11	0.566 0	0.202	0.226	5/8 - 18	0.588 9	0.240	0.256	-- --	--	--	--
3/4 - 10	0.685 0	0.302	0.334	3/4 - 16	0.709 4	0.351	0.373	-- --	--	--	--
7/8 - 9	0.802 8	0.419	0.462	7/8 - 14	0.828 6	0.480	0.509	-- --	--	--	--
1 - 8	0.918 8	0.551	0.606	1 - 12	0.945 9	0.625	0.663	1 - 8	0.918 8	0.551	0.606
1 1/8 - 7	1.032 2	0.693	0.763	1 1/8 - 12	1.070 9	0.812	0.856	1 1/8 - 8	1.043 8	0.728	0.790
1 1/4 - 7	1.157 2	0.890	0.969	1 1/4 - 12	1.195 9	1.024	1.073	1 1/4 - 8	1.168 8	0.929	1.000
1 3/8 - 6	1.266 7	1.054	1.155	1 3/8 - 12	1.320 9	1.260	1.315	1 3/8 - 8	1.293 8	1.155	1.233
1 1/2 - 6	1.391 7	1.294	1.405	1 1/2 - 12	1.445 9	1.521	1.581	1 1/2 - 8	1.418 8	1.405	1.492
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1 3/4 - 5	1.620 1	1.74	1.90	-- --	--	--	--	1 3/4 - 8	1.668 8	1.98	2.08
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	In.	Sq in.	Sq in.		In.	Sq in.	Sq in.		In.	Sq in.	Sq in.
2 - 4½	1.855 7	2.30	2.50	-- --	--	--	--	2 - 8	1.918 8	2.65	2.77
2¼ - 4½	2.105 7	3.02	3.25	-- --	--	--	--	2¼ - 8	2.168 8	3.42	3.56
2½ - 4	2.337 6	3.72	4.00	-- --	--	--	--	2½ - 8	2.418 8	4.29	4.44
2¾ - 4	2.587 6	4.62	4.93	-- --	--	--	--	2¾ - 8	2.668 8	5.26	5.43
3 - 4	2.837 6	5.62	5.97	-- --	--	--	--	3 - 8	2.918 8	6.32	6.51
3¼ - 4	3.087 6	6.72	7.10	-- --	--	--	--	3¼ - 8	3.168 8	7.49	7.69
3½ - 4	3.337 6	7.92	8.33	-- --	--	--	--	3½ - 8	3.418 8	8.75	8.96
3¾ - 4	3.587 6	9.21	9.66	-- --	--	--	--	3¾ - 8	3.668 8	10.11	10.34
4 - 4	3.837 6	10.61	11.08	-- --	--	--	--	4 - 8	3.918 8	11.57	11.81