

Thread Pitch Chart

Coarse Thread Series - UNC				Fine Thread Series - UNF				8-Thread Series - 8UN			
Nominal Size and Threads Per In.	Basic Pitch Dia In.	Section at Minor Dia sq in.	Tensile Stress Area sq in.	Nominal Size and Threads Per In.	Basic Pitch Dia In.	Section at Minor Dia sq in.	Tensile Stress Area sq in.	Nominal Size and Threads Per In.	Basic Pitch Dia In.	Section at Minor Dia sq in.	Tensile Stress Area 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 - 4½	1.8557	2.30	2.50	-- --	--	--	--	2 - 8	1.9188	2.65	2.77



3441 NW Guam Street, Portland OR 97210
 phone: (800)547-6758 | fax: (503) 227-

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