

UNF THREAD CHART

Version 1.0 10/6/19

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UNF - UNIFIED NATIONAL FINE															
Thread	Outside dia.		Thread pitch		Tapping drill size			Thread data			Bolt/Nut/Washer sizes				
	inch	MM	TPI	Pitch (inch)	inch	MM	Let/Num Fraction	Root dia (inch)	Depth (inch)	Angle deg.	Hex AF (inch)	Head Depth (inch)	Std. Nut Depth (inch)	Lock Nut Depth (inch)	Washer Face Dia (inch)
Number 0	0.060	1.52	80	0.013	0.049	1.25		0.045	0.008	60					
Number 1	0.073	1.85	72	0.014	0.063	1.60	52	0.056	0.009	60					
Number 2	0.086	2.18	64	0.016	0.075	1.90	48	0.067	0.010	60					
Number 3	0.099	2.51	56	0.018	0.085	2.15	44	0.077	0.011	60					
Number 4	0.112	2.84	48	0.021	0.095	2.40	3/32"	0.086	0.013	60					
Number 5	0.125	3.18	44	0.023	0.106	2.70	36	0.097	0.014	60					
Number 6	0.138	3.51	40	0.025	0.116	2.95	32	0.108	0.015	60					
Number 8	0.164	4.17	36	0.028	0.140	3.55	28	0.130	0.017	60	11/32"				
Number 10	0.190	4.83	32	0.031	0.159	4.04	21	0.152	0.019	60	3/8"				
Number 12	0.216	5.49	28	0.036	0.183	4.65	13	0.172	0.022	60					
1/4" UNF	0.250	6.35	28	0.036	0.217	5.50	7/32"	0.206	0.022	60	7/16"				
5/16" UNF	0.313	7.94	24	0.042	0.272	6.90	I	0.261	0.026	60	1/2"				
3/8" UNF	0.375	9.53	24	0.042	0.335	8.50	Q	0.324	0.026	60	9/16"				
7/16" UNF	0.438	11.11	20	0.050	0.390	9.90	25/64"	0.376	0.031	60	5/8"				
1/2" UNF	0.500	12.70	20	0.050	0.449	11.40	29/64"	0.439	0.031	60	3/4"				
9/16" UNF	0.563	14.29	18	0.056	0.508	12.90	33/64"	0.494	0.034	60	7/8"				
5/8" UNF	0.625	15.88	18	0.056	0.571	14.50	37/64"	0.557	0.034	60	15/16"				
3/4" UNF	0.750	19.05	16	0.063	0.687	17.46	11/16"	0.673	0.038	60	1-1/8"				
7/8" UNF	0.875	22.23	14	0.071	0.807	20.50	13/16"	0.787	0.044	60	1-5/16"				
1" UNF	1.000	25.40	12	0.083	0.915	23.25	59/64"	0.898	0.051	60	1-1/2"				
1-1/8" UNF	1.125	28.58	12	0.083	1.043	26.50		1.023	0.051	60	1-11/16"				
1-1/4" UNF	1.250	31.75	12	0.083	1.161	29.50		1.148	0.051	60	1-7/8"				
1-3/8" UNF	1.375	34.93	12	0.083	1.290	32.77		1.278	0.051	60	2-1/16"				
1-1/2" UNF	1.500	38.10	12	0.083	1.417	36.00		1.398	0.051	60	2-1/4"				
1-3/4" UNF	1.750	44.45	12	0.083	1.673	42.50		1.853	0.051	60					
2" UNF	2.000	50.80	12	0.083	1.921	48.80		1.897	0.051	60					
2-1/4" UNF	2.250	57.15	12	0.083	2.173	55.20		2.147	0.051	60					
2-1/2" UNF	2.500	63.50	12	0.083	2.421	61.50		2.397	0.051	60					
2-3/4" UNF	2.750	69.85	12	0.083	2.673	67.90		2.647	0.051	60					
3" UNF	3.000	76.20	12	0.083	2.921	74.20		2.897	0.051	60					