

# UNC THREAD CHART

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UNC - UNIFIED NATIONAL COARSE															
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 1	0.073	1.85	64	0.016	0.055	1.40	54	0.054	0.010	60	5/32"				
Number 2	0.086	2.18	56	0.018	0.067	1.70	51	0.064	0.011	60	3/16"				
Number 3	0.099	2.51	48	0.021	0.079	2.00	47	0.073	0.013	60	7/32"				
Number 4	0.112	2.84	40	0.025	0.087	2.20	44	0.081	0.015	60	1/4"				
Number 5	0.125	3.18	40	0.025	0.098	2.50	40	0.094	0.015	60	9/32"				
Number 6	0.138	3.51	32	0.031	0.110	2.80	35	0.100	0.019	60	5/16"				
Number 8	0.164	4.17	32	0.031	0.134	3.40	29	0.126	0.019	60	11/32"				
Number 10	0.190	4.83	24	0.042	0.146	3.70	24	0.139	0.026	60	3/8"				
Number 12	0.216	5.49	24	0.042	0.173	4.40	16	0.165	0.026	60	13/32"				
1/4" UNC	0.250	6.35	20	0.050	0.205	5.20	7	0.189	0.031	60	7/16"				
5/16" UNC	0.313	7.94	18	0.056	0.256	6.50	F	0.244	0.034	60	1/2"				
3/8" UNC	0.375	9.53	16	0.063	0.311	7.90	5/16"	0.298	0.038	60	9/16"				
7/16" UNC	0.438	11.11	14	0.071	0.366	9.30	U	0.350	0.044	60	5/8"				
1/2" UNC	0.500	12.70	13	0.077	0.421	10.70	27/64"	0.406	0.047	60	3/4"				
9/16" UNC	0.563	14.29	12	0.083	0.476	12.10	31/64"	0.460	0.051	60	13/16"				
5/8" UNC	0.625	15.88	11	0.091	0.531	13.48	17/32"	0.514	0.056	60	15/16"				
3/4" UNC	0.750	19.05	10	0.100	0.650	16.50	21/32"	0.627	0.061	60	1-1/8"				
7/8" UNC	0.875	22.23	9	0.111	0.766	19.45	49/64"	0.739	0.068	60	1-5/16"				
1" UNC	1.000	25.40	8	0.125	0.876	22.25	7/8"	0.847	0.077	60	1-1/2"				
1-1/8" UNC	1.125	28.58	7	0.143	0.984	25.00	63/64"	0.950	0.088	60	1-11/16"				
1-1/4" UNC	1.250	31.75	7	0.143	1.109	28.18	1-7/64"	1.075	0.088	60	1-7/8"				
1-3/8" UNC	1.375	34.93	6	0.167	1.211	30.75	1-7/32"	1.171	0.102	60	2-1/16"				
1-1/2" UNC	1.500	38.10	6	0.167	1.328	33.73	1-21/64"	1.296	0.102	60	2-1/4"				
1-3/4" UNC	1.750	44.45	5	0.200	1.547	39.29	1-35/64"	1.505	0.123	60	2-7/16"				
2" UNC	2.000	50.80	4.5	0.222	1.781	45.24	1-25/32"	1.727	0.136	60	2-5/8"				
2-1/4" UNC	2.250	57.15	4.5	0.222	2.028	51.50	2-1/32"	1.977	0.136	60					
2-1/2" UNC	2.500	63.50	4	0.250	2.244	57.00	2-1/4"	2.193	0.153	60					
2-3/4" UNC	2.750	69.85	4	0.250	2.500	63.50	2-1/2"	2.443	0.153	60					
3" UNC	3.000	76.20	4	0.250	2.756	70.00	2-3/4"	2.693	0.153	60					
3-1/4" UNC	3.250	82.55	4	0.250	3.012	76.50	3"	2.943	0.153	60					
3-1/2" UNC	3.500	88.90	4	0.250	3.268	83.00	3-1/4"	3.193	0.153	60					
3-3/4" UNC	3.750	95.25	4	0.250	3.504	89.00	3-1/2"	3.413	0.153	60					
4" UNC	4.000	101.60	4	0.250	3.760	95.50	3-3/4"	3.693	0.153	60					