

UNC Thread Chart (Unified Inch Coarse Screw Thread Dimensions, Sizes, Diameters)

Thread (in)	Threads per inch (tpi)	Major Diameter		Minor Diameter		Tap Size (mm)	Drill Pitch (mm)
		(in)	(mm)	Male Thread (mm)	Female Thread (mm)		
#1 - 64	64	0.073	1.854	0.0544	0.0561	1.50	0.397
#2 - 56	56	0.086	2.184	0.0648	0.0667	1.80	0.453
#3 - 48	48	0.099	2.515	0.0741	0.0764	2.10	0.529
#4 - 40	40	0.112	2.845	0.0822	0.0849	2.35	0.635
#5 - 40	40	0.125	3.175	0.0952	0.0979	2.65	0.635
#6 - 32	32	0.138	3.505	0.1008	0.1042	2.85	0.794
#8 - 32	32	0.164	4.166	0.1268	0.1302	3.50	0.794
#10 - 24	24	0.190	4.826	0.1404	0.1449	4.00	1.058
#12 - 24	24	0.216	5.486	0.1664	0.1709	4.65	1.058
1/4" - 20	20	0.250	6.350	0.1905	0.1959	5.35	1.270
5/16" - 18	18	0.313	7.938	0.2464	0.2524	6.80	1.411
3/8" - 16	16	0.375	9.525	0.3005	0.3073	8.25	1.587
7/16" - 14	14	0.438	11.112	0.3525	0.3602	9.65	1.814
1/2" - 13	13	0.500	12.700	0.4084	0.4167	11.15	1.954
9/16" - 12	12	0.563	14.288	0.4633	0.4723	12.60	2.117
5/8" - 11	11	0.625	15.875	0.5168	0.5266	14.05	2.309
3/4" - 10	10	0.750	19.050	0.6309	0.6417	17.00	2.540
7/8" - 9	9	0.875	22.225	0.7427	0.7547	20.00	2.822
1" - 8	8	1.000	25.400	0.8512	0.8647	22.85	3.175
1 1/8" - 7	7	1.125	28.575	0.9549	0.9704	25.65	3.628
1 1/4" - 7	7	1.250	31.750	1.0799	1.0954	28.85	3.628
1 3/8" - 6	6	1.375	34.925	1.1766	1.1946	31.55	4.233
1 1/2" - 6	6	1.500	38.100	1.3016	1.3196	34.70	4.233
1 3/4" - 5	5	1.750	44.450	1.5119	1.5335	40.40	5.080
2" - 4 1/2	4.5	2.000	50.800	1.7353	1.7594	46.30	5.644
2 1/4" - 4 1/2	4.5	2.250	57.150	1.9853	2.0094	52.65	5.644
2 1/2" - 4	4	2.500	63.500	2.2023	2.2294	58.50	6.350
2 3/4" - 4	4	2.750	69.850	2.4523	2.4794	64.75	6.350

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		(in)	(mm)	Male Thread (mm)	Female Thread (mm)		
3" - 4	4	3.000	76.200	2.7023	2.7294	71.10	6.350
3 1/4" - 4	4	3.250	82.550	2.9523	2.9794	77.45	6.350
3 1/2" - 4	4	3.500	88.900	3.2023	3.2294	83.80	6.350
3 3/4" - 4	4	3.750	95.250	3.4523	3.4794	90.15	6.350
4" - 4	4	4.000	101.600	3.7023	3.7294	96.50	6.350