

UNF Thread Chart (Unified Inch Screw Fine 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)		
#0 - 80	80	0.060	1.524	0.0451	0.0465	1.25	0.317
#1 - 72	72	0.073	1.854	0.0565	0.0580	1.55	0.353
#2 - 64	64	0.086	2.184	0.0674	0.0691	1.90	0.397
#3 - 56	56	0.099	2.515	0.0778	0.0797	2.15	0.453
#4 - 48	48	0.112	2.845	0.0871	0.0894	2.40	0.529
#5 - 44	44	0.125	3.175	0.0979	0.1004	2.70	0.577
#6 - 40	40	0.138	3.505	0.1082	0.1109	2.95	0.635
#8 - 36	36	0.164	4.166	0.1309	0.1339	3.50	0.705
#10 - 32	32	0.190	4.826	0.1528	0.1562	4.10	0.794
#12 - 28	28	0.216	5.486	0.1734	0.1773	4.70	0.907
1/4" - 28	28	0.250	6.350	0.2074	0.2113	5.50	0.907
5/16" - 24	24	0.313	7.938	0.2629	0.2674	6.90	1.058
3/8" - 24	24	0.375	9.525	0.3254	0.3299	8.50	1.058
7/16" - 20	20	0.438	11.112	0.3780	0.3834	9.90	1.270
1/2" - 20	20	0.500	12.700	0.4405	0.4459	11.50	1.270
9/16" - 18	18	0.563	14.288	0.4964	0.5024	12.90	1.411
5/8" - 18	18	0.625	15.875	0.5589	0.5649	14.50	1.411
3/4" - 16	16	0.750	19.050	0.6763	0.6823	17.50	1.587
7/8" - 14	14	0.875	22.225	0.7900	0.7977	20.40	1.814
1" - 12	12	1.000	25.400	0.9001	0.9098	23.25	2.117
1 1/8" - 12	12	1.125	28.575	1.0258	1.0348	26.50	2.117
1 1/4" - 12	12	1.250	31.750	1.1508	1.1598	29.50	2.117
1 3/8" - 12	12	1.375	34.925	1.2758	1.2848	32.75	2.117

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		(in)	(mm)	Male Thread (mm)	Female Thread (mm)		
1 1/2" - 12	12	1.500	38.100	1.4008	1.4098	36.00	2.117