

UNF Threads

Size	Major Dia	Threads Per Inch	Pitch	<u>P/4</u>	<u>P/8</u>	Pitch Dia	Minor Dia External	Minor Dia Internal	Minor Dia Area	Tensile Stress Area
inch	inch	tpi	inch	inch	inch	inch	inch	inch	sq. inch	sq. inch
#0	0.06	80	0.01250	0.00313	0.00156	0.0519	0.0451	0.0465	0.00151	0.0018
#1	0.073	72	0.01389	0.00347	0.00174	0.064	0.0565	0.058	0.00237	0.00278
#2	0.086	64	0.01563	0.00391	0.00195	0.0759	0.0674	0.0691	0.00339	0.00394
#3	0.099	56	0.01786	0.00446	0.00223	0.0874	0.0778	0.0797	0.00451	0.00523
#4	0.112	48	0.02083	0.00521	0.00260	0.0985	0.0871	0.0894	0.00566	0.00661
#5	0.125	44	0.02273	0.00568	0.00284	0.1102	0.0979	0.1004	0.00716	0.0083
#6	0.138	40	0.02500	0.00625	0.00313	0.1218	0.1082	0.1109	0.00874	0.01015
#8	0.164	36	0.02778	0.00694	0.00347	0.146	0.1309	0.1339	0.01285	0.01474
#10	0.19	32	0.03125	0.00781	0.00391	0.1697	0.1528	0.1562	0.0175	0.02
#12	0.216	28	0.03571	0.00893	0.00446	0.1928	0.1734	0.1773	0.0226	0.0258
1/4	0.25	28	0.03571	0.00893	0.00446	0.2268	0.2074	0.2113	0.0326	0.0364
5/16	0.3125	24	0.04167	0.01042	0.00521	0.2854	0.2629	0.2674	0.0524	0.058
3/8	0.375	24	0.04167	0.01042	0.00521	0.3479	0.3254	0.3299	0.0809	0.0878
7/16	0.4375	20	0.05000	0.01250	0.00625	0.405	0.378	0.3834	0.109	0.1187
1/2	0.5	20	0.05000	0.01250	0.00625	0.4675	0.4405	0.4459	0.1486	0.1599
9/16	0.5625	18	0.05556	0.01389	0.00694	0.5264	0.4964	0.5024	0.189	0.203
5/8	0.625	18	0.05556	0.01389	0.00694	0.5889	0.5589	0.5649	0.24	0.256
3/4	0.75	16	0.06250	0.01563	0.00781	0.7094	0.6763	0.6823	0.351	0.373
7/8	0.875	14	0.07143	0.01786	0.00893	0.8286	0.79	0.7977	0.48	0.509
1	1	12	0.08333	0.02083	0.01042	0.9459	0.9001	0.9098	0.625	0.663
1-1/8	1.125	12	0.08333	0.02083	0.01042	1.0709	1.0258	1.0348	0.812	0.856
1-1/4	1.25	12	0.08333	0.02083	0.01042	1.1959	1.1508	1.1598	1.024	1.073
1-3/8	1.375	12	0.08333	0.02083	0.01042	1.3209	1.2758	1.2848	1.26	1.315
1-1/2	1.5	12	0.08333	0.02083	0.01042	1.4459	1.4008	1.4098	1.521	1.581

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