



NUTS

INTERNAL THREADS – CLASS 2B

Nominal Size & Threads / Inch & Series Designation		Allowance	Minor Diameter		Pitch Diameter			Major Diameter
			Min.	Max.	Min.	Max.	Tolerance	Min.
0-80	UNF	0.0005	0.0465	0.0514	0.0519	0.0542	0.0023	0.0600
1-64	UNC	0.0006	0.0561	0.0623	0.0629	0.0655	0.0026	0.0730
1-72	UNF	0.0006	0.0580	0.0635	0.0640	0.0665	0.0025	0.0730
2-56	UNC	0.0006	0.0667	0.0737	0.0744	0.0772	0.0028	0.0860
2-64	UNF	0.0006	0.0691	0.0753	0.0759	0.0786	0.0027	0.0860
3-48	UNC	0.0007	0.0764	0.0845	0.0855	0.0885	0.0030	0.0990
3-56	UNF	0.0007	0.0797	0.0865	0.0874	0.0902	0.0028	0.0990
4-40	UNC	0.0008	0.0849	0.0939	0.0958	0.0991	0.0033	0.1120
4-48	UNF	0.0007	0.0894	0.0968	0.0985	0.1016	0.0031	0.1120
5-40	UNC	0.0008	0.0979	0.1062	0.1088	0.1121	0.0033	0.1250
5-44	UNF	0.0007	0.1004	0.1079	0.1102	0.1134	0.0032	0.1250
6-32	UNC	0.0008	0.1040	0.1140	0.1177	0.1214	0.0037	0.1380
6-40	UNF	0.0008	0.1110	0.1190	0.1218	0.1252	0.0034	0.1380
8-32	UNC	0.0009	0.1300	0.1390	0.1437	0.1475	0.0038	0.1640
8-36	UNF	0.0008	0.1340	0.1420	0.1460	0.1496	0.0036	0.1640
10-24	UNC	0.0010	0.1450	0.1560	0.1629	0.1672	0.0043	0.1900
10-32	UNF	0.0009	0.1560	0.1640	0.1697	0.1736	0.0039	0.1900
12-24	UNC	0.0010	0.1710	0.1810	0.1889	0.1933	0.0044	0.2160
12-28	UNF	0.0010	0.1770	0.1860	0.1928	0.1970	0.0042	0.2160
1/4-20	UNC	0.0011	0.1960	0.2070	0.2175	0.2224	0.0049	0.2500



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1/4-28	UNF	0.0010	0.2110	0.2200	0.2268	0.2311	0.0043	0.2500
5/16-18	UNC	0.0012	0.2520	0.2650	0.2764	0.2817	0.0053	0.3125
5/16-24	UNF	0.0011	0.2670	0.2770	0.2854	0.2902	0.0048	0.3125
3/8-16	UNC	0.0013	0.3070	0.3210	0.3344	0.3401	0.0057	0.3750
3/8-24	UNF	0.0011	0.3300	0.3400	0.3479	0.3528	0.0049	0.3750
7/16-14	UNC	0.0014	0.3600	0.3760	0.3911	0.3972	0.0061	0.4375
7/16-20	UNF	0.0013	0.3830	0.3950	0.4050	0.4104	0.0054	0.4375
1/2-13	UNC	0.0015	0.4170	0.4340	0.4500	0.4565	0.0065	0.5000
1/2-20	UNF	0.0013	0.4460	0.4570	0.4675	0.4731	0.0056	0.5000
9/16-12	UNC	0.0016	0.4720	0.4900	0.5084	0.5152	0.0068	0.5625
9/16-18	UNF	0.0014	0.5020	0.5150	0.5264	0.5323	0.0059	0.5625
5/8-11	UNC	0.0016	0.5270	0.5460	0.5660	0.5732	0.0072	0.6250
5/8-18	UNF	0.0014	0.5650	0.5780	0.5889	0.5949	0.0060	0.6250
3/4-10	UNC	0.0018	0.6420	0.6630	0.6850	0.6927	0.0077	0.7500
3/4-16	UNF	0.0015	0.6820	0.6960	0.7094	0.7159	0.0065	0.7500
7/8-9	UNC	0.0019	0.7550	0.7780	0.8028	0.8110	0.0082	0.8750
7/8-14	UNF	0.0016	0.7980	0.8140	0.8286	0.8356	0.0070	0.8750
1-8	UNC	0.0020	0.8650	0.8900	0.9188	0.9276	0.0088	1.0000
1-12	UNF	0.0018	0.9100	0.9280	0.9459	0.9535	0.0076	1.0000
1-14	UNS	0.0017	0.9230	0.9380	0.9536	0.9609	0.0073	1.0000



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1 1/8-7	UNC	0.0022	0.9700	0.9980	1.3220	1.0416	0.0094	1.1250
1 1/8-8	UN	0.0021	0.9900	1.0150	1.0438	0.0528	0.0090	1.1250
1 1/8-12	UNF	0.0018	1.0350	1.0530	1.0709	1.0787	0.0078	1.1250
1 1/4-7	UNC	0.0220	1.0950	1.1230	1.1572	1.6680	0.0096	1.2500
1 1/4-8	UN	0.0021	1.1150	1.1400	1.1688	1.1780	0.0092	1.2500
1 1/4-12	UNF	0.0018	1.1600	1.1780	1.1959	1.2039	0.0080	1.2500
1 3/8-6	UNC	0.0024	1.1950	1.2250	1.2667	1.2771	0.0104	1.3750
1 3/8-8	UN	0.0022	1.2400	1.2650	1.2938	1.3031	0.0093	1.3750
1 3/8-12	UNF	0.0019	1.2850	1.3030	1.3209	1.3291	0.0082	1.3750
1 1/2-6	UNC	0.0024	1.3200	1.3500	1.3917	1.4022	0.0105	1.5000
1 1/2-8	UN	0.0022	1.3650	1.3900	1.4188	1.4283	0.0095	1.5000
1 1/2-12	UNC	0.0019	1.4100	1.4280	1.4459	1.4542	0.0083	1.5000
1 5/8-8	UN	0.0022	1.4900	1.5150	1.5438	1.5535	0.0097	1.6250
1 3/4-5	UNC	0.0027	1.5340	1.5680	1.6201	1.6317	0.0116	1.7500
1 3/4-8	UN	0.0023	1.6150	1.6400	1.6688	1.6786	0.0098	1.7500
1 7/8-8	UN	0.0023	1.7400	1.7650	1.7938	1.8038	0.0100	1.8750
2-4 1/2	UNC	0.0029	1.7590	1.7950	1.8557	1.8681	0.0124	2.0000
2-8	UN	0.0023	1.8650	1.8900	1.9188	1.9289	0.0101	2.0000
2 1/4-4.5	UNC	0.0029	2.0090	2.0450	2.1057	2.1183	0.0126	2.2500
2 1/4-8	UN	0.0024	2.1150	2.1400	2.1688	2.1792	0.0104	2.2500



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2 1/2-4	UNC	0.0031	2.2290	2.2670	2.3376	2.3511	0.0135	2.5000
2 1/2-8	UN	0.0024	2.3650	2.3900	2.4188	2.4294	0.0106	2.5000
2 3/4-4	UNC	0.0032	2.4790	2.5170	2.5876	2.6013	0.0137	2.7500
2 3/4-8	UN	0.0025	2.6150	2.6400	2.6688	2.6796	0.0108	2.7500
3-4	UNC	0.0032	2.7290	2.7670	2.8376	2.8515	0.0139	3.0000
3-8	UN	0.0026	2.8650	2.8900	2.9188	2.9299	0.0111	3.0000
3 1/4-4	UNC	0.0033	2.9790	3.0170	3.0876	3.1017	0.0141	3.2500
3 1/4-8	UN	0.0026	3.1150	3.1400	3.1688	3.1801	0.0113	3.2500
3 1/2-4	UNC	0.0033	3.2290	3.2670	3.3376	3.3519	0.0143	3.5000
3 1/2-8	UN	0.0026	3.3650	3.3900	3.4188	3.4303	0.0115	3.5000
3 3/4-4	UNC	0.0034	3.4790	3.5170	3.5876	3.6021	0.0145	3.7500
3 3/4-8	UN	0.0027	3.6150	3.6400	3.6688	3.6805	0.0117	3.7500
4-4	UNC	0.0034	3.7290	3.7670	3.8376	3.8523	0.0147	4.0000
4-8	UN	0.0027	3.8650	3.8900	3.9188	3.9307	0.0119	4.0000