

EXTERNAL THREADS - CLASS 2A							ASME B1.1
Nominal Size	Series Designation	Allowance	Major Diameter		Pitch Diameter		Tolerance
			Max	Min	Max	Min	
4-40	UNC	0.0008	0.1112	0.1061	0.0950	0.0925	0.0025
6-32	UNC	0.0008	0.1372	0.1312	0.1169	0.1141	0.0028
8-32	UNC	0.0009	0.1631	0.1571	0.1428	0.1399	0.0029
10-24	UNC	0.0010	0.1890	0.1818	0.1619	0.1586	0.0033
10-32	UNF	0.0009	0.1891	0.1831	0.1688	0.1658	0.0030
1/4-20	UNC	0.0011	0.2489	0.2408	0.2164	0.2127	0.0037
1/4-28	UNF	0.0010	0.2490	0.2425	0.2258	0.2225	0.0033
5/16-18	UNC	0.0012	0.3113	0.3026	0.2752	0.2712	0.0040
5/16-24	UNF	0.0011	0.3114	0.3042	0.2843	0.2806	0.0037
3/8-16	UNC	0.0013	0.3737	0.3643	0.3331	0.3287	0.0044
3/8-24	UNF	0.0011	0.3739	0.3667	0.3468	0.3430	0.0038
7/16-14	UNC	0.0014	0.4361	0.4258	0.3897	0.3850	0.0047
7/16-20	UNF	0.0013	0.4362	0.4281	0.4037	0.3995	0.0042
1/2-13	UNC	0.0015	0.4985	0.4876	0.4485	0.4435	0.0050
1/2-20	UNF	0.0013	0.4987	0.4906	0.4662	0.4619	0.0043
9/16-12	UNC	0.0016	0.5609	0.5495	0.5068	0.5016	0.0052
9/16-18	UNF	0.0014	0.5611	0.5524	0.5250	0.5205	0.0045
5/8-11	UNC	0.0016	0.6234	0.6113	0.5644	0.5589	0.0055
5/8-18	UNF	0.0014	0.6236	0.6149	0.5875	0.5828	0.0047
3/4-10	UNC	0.0018	0.7482	0.7353	0.6832	0.6773	0.0059
3/4-16	UNF	0.0015	0.7485	0.7391	0.7079	0.7029	0.0050
7/8-9	UNC	0.0019	0.8731	0.8592	0.8009	0.7946	0.0063
7/8-14	UNF	0.0016	0.8734	0.8631	0.8270	0.8216	0.0054
1-8	UNC	0.0020	0.9980	0.9830	0.9168	0.9100	0.0068
1-14	UNS	0.0017	0.9983	0.9880	0.9519	0.9463	0.0056
1 1/8-7	UNC	0.0022	1.1228	1.1064	1.0300	1.0228	0.0072
1 1/8-12	UNF	0.0018	1.1232	1.1118	1.0691	1.0631	0.0060
1 1/4-7	UNC	0.0022	1.2478	1.2314	1.1550	1.1476	0.0074
1 1/4-12	UNF	0.0018	1.2482	1.2368	1.1941	1.1879	0.0062
1 3/8-6	UNC	0.0024	1.3726	1.3544	1.2643	1.2563	0.0080
1 1/2-6	UNC	0.0024	1.4976	1.4794	1.3893	1.3812	0.0081
1 3/4-5	UNC	0.0027	1.7473	1.7268	1.6174	1.6085	0.0089
2-4.5	UNC	0.0029	1.9971	1.9751	1.8528	1.8433	0.0095
2 1/2-4	UNC	0.0031	2.4969	2.4731	2.3345	2.3241	0.0104
2 3/4-4	UNC	0.0032	2.7468	2.7230	2.5844	2.5739	0.0105
3-4	UNC	0.0032	2.9968	2.9730	2.8344	2.8237	0.0107