

LIMITS OF SIZE FOR STANDARD SERIES UNIFIED THREADS : COMPONENT



Note :All Dimensions in Bold are in INCHES & LIGHT are in MM		EXTERNAL THREADS 2A					INTERNAL THREADS 2B				
NORMAL SIZE	SERIES	FUND DEV (ALLOWANCE)	MAJOR Ø		PITCH Ø		MINOR Ø		PITCH Ø		MINOR Ø MIN
			MAX	MIN	MAX	MIN	MIN	MAX	MIN	MAX	
No.0-80	UNF	0.0005 0.013	0.0595 1.511	0.0563 1.430	0.0514 1.306	0.0496 1.260	0.0465 1.181	0.0514 1.306	0.0519 1.318	0.0542 1.377	0.0600 1.524
No.1-64	UNC	0.0006 0.015	0.0724 1.839	0.0686 1.742	0.0623 1.582	0.0603 1.532	0.0561 1.425	0.0623 1.582	0.0629 1.598	0.0655 1.664	0.073 1.854
No.1-72	UNF	0.0006 0.015	0.0724 1.839	0.0689 1.750	0.0634 1.610	0.0615 1.562	0.0580 1.473	0.0635 1.613	0.0640 1.626	0.0665 1.689	0.0730 1.854
No.2-56	UNC	0.0006 0.015	0.0854 2.169	0.0813 2.065	0.0738 1.875	0.0717 1.821	0.0667 1.694	0.0737 1.872	0.0744 1.890	0.0772 1.961	0.0860 2.184
No.2-64	UNF	0.0006 0.015	0.0854 2.169	0.0816 2.073	0.0753 1.913	0.0733 1.862	0.0691 1.755	0.0753 1.913	0.0759 1.928	0.0786 1.996	0.0860 2.184
No.3-48	UNC	0.0007 0.018	0.0983 2.497	0.0938 2.383	0.0848 2.154	0.0825 2.096	0.0764 1.941	0.0845 2.146	0.0855 2.172	0.0885 2.248	0.0990 2.515
No.3-56	UNF	0.0007 0.018	0.0983 2.497	0.0942 2.393	0.0867 2.202	0.0845 2.146	0.0797 2.024	0.0855 2.172	0.0874 2.220	0.0902 2.291	0.0990 2.515
No.4-40	UNC	0.0008 0.020	0.1112 2.824	0.1061 2.695	0.0950 2.413	0.0925 2.350	0.0849 2.156	0.0939 2.385	0.0958 2.433	0.0991 2.517	0.1120 2.845
No.4-48	UNF	0.0007 0.018	0.1113 2.827	0.1068 2.713	0.0978 2.484	0.0954 2.423	0.0894 2.271	0.0968 2.459	0.0985 2.502	0.1016 2.581	0.1120 2.845
No.5-40	UNC	0.0008 0.020	0.1242 3.155	0.1191 3.025	0.1080 2.743	0.1054 2.677	0.0979 2.487	0.1062 2.697	0.1088 2.764	0.1121 2.847	0.1250 3.175
No.5-44	UNF	0.0007 0.018	0.1243 3.157	0.1195 3.035	0.1095 2.781	0.1070 2.718	0.1004 2.550	0.1079 2.741	0.1102 2.799	0.1134 2.880	0.1250 3.175
No.6-32	UNC	0.0008 0.020	0.1372 3.485	0.1312 3.332	0.1169 2.969	0.1141 2.898	0.1040 2.642	0.1140 2.896	0.1177 2.990	0.1214 3.084	0.1380 3.505
No.6-40	UNF	0.0008 0.020	0.1372 3.485	0.1321 3.355	0.1210 3.073	0.1184 3.007	0.1110 2.819	0.1190 3.023	0.1218 3.094	0.1252 3.180	0.1380 3.505
No.8-32	UNC	0.0009 0.023	0.1631 4.143	0.1571 3.990	0.1428 3.627	0.1399 3.553	0.130 3.302	0.1390 3.531	0.1437 3.650	0.1475 3.747	0.1640 4.166
No.8-36	UNF	0.0008 0.020	0.1632 4.145	0.1577 4.006	0.1452 3.688	0.1424 3.617	0.1340 3.404	0.1420 3.607	0.1460 3.708	0.1496 3.800	0.1640 4.166
No.10-24	UNC	0.0010 0.025	0.1890 4.801	0.1818 4.618	0.1619 4.112	0.1586 4.028	0.1450 3.683	0.1560 3.962	0.1629 4.138	0.1672 4.247	0.1900 4.826
No.10-32	UNF	0.0009 0.023	0.1891 4.803	0.1831 4.651	0.1688 4.288	0.1658 4.211	0.1560 3.962	0.1640 4.166	0.1697 4.310	0.1736 4.409	0.1900 4.826
No.12-24	UNC	0.0010 0.025	0.2150 5.461	0.2078 5.278	0.1879 4.773	0.1845 4.686	0.1710 4.343	0.1810 4.597	0.1889 4.798	0.1933 4.910	0.2160 5.486
No.12-28	UNF	0.0010 0.025	0.2150 5.461	0.2085 5.296	0.1918 4.872	0.1886 4.790	0.1770 4.496	0.1860 4.724	0.1928 4.897	0.1970 5.004	0.2160 5.486
1/4-20	UNC	0.0011 0.028	0.2489 6.322	0.2408 6.116	0.2164 5.497	0.2127 5.403	0.1960 4.978	0.2070 5.258	0.2175 5.525	0.2224 5.649	0.2500 6.350
1/4-28	UNF	0.0010 0.025	0.2490 6.325	0.2425 6.160	0.2258 5.735	0.2225 5.652	0.2110 5.359	0.2200 5.588	0.2268 5.761	0.2311 5.870	0.2500 6.350
5/16-18	UNC	0.0012 0.030	0.3113 7.907	0.3026 7.686	0.2752 6.990	0.2712 6.888	0.2520 6.401	0.2650 6.731	0.2764 7.021	0.2817 7.155	0.3125 7.938
5/16-24	UNF	0.0011 0.028	0.3114 7.910	0.3042 7.727	0.2843 7.221	0.2806 7.127	0.2670 6.782	0.2770 7.036	0.2854 7.249	0.2902 7.371	0.3125 7.938
3/8-16	UNC	0.0013 0.033	0.3737 9.492	0.3643 9.253	0.3331 8.461	0.3287 8.349	0.3070 7.798	0.321 8.153	0.3344 8.494	0.3401 8.639	0.3750 9.525
3/8-24	UNF	0.0011 0.028	0.3739 9.497	0.3667 9.314	0.3468 8.809	0.3430 8.712	0.330 8.382	0.340 8.636	0.3479 8.837	0.3553 9.025	0.3750 9.525
7/16-14	UNC	0.0014 0.036	0.4361 11.077	0.4258 10.815	0.3897 9.898	0.3850 9.779	0.360 9.144	0.376 9.550	0.3911 9.934	0.3972 10.089	0.4375 11.113
7/16-20	UNF	0.0013 0.033	0.4362 11.079	0.4281 10.874	0.4037 10.254	0.3995 10.147	0.383 9.728	0.395 10.033	04050 10.287	0.4104 10.424	0.4375 11.113
1/2-13	UNC	0.0015 0.038	0.4985 12.662	0.4876 12.385	0.4485 11.392	0.4435 11.265	0.417 10.592	0.434 11.024	0.4500 11.430	0.4565 11.595	0.5000 12.700

LIMITS OF SIZE FOR STANDARD SERIES UNIFIED THREADS : COMPONENT



Note :All Dimensions in Bold are in INCHES & LIGHT are in MM		EXTERNAL THREADS 2A					INTERNAL THREADS 2B				
NORMAL SIZE	SERIES	FUND DEV (ALLOWANCE)	MAJOR Ø		PITCH Ø		MINOR Ø		PITCH Ø		MINOR Ø MIN
			MAX	MIN	MAX	MIN	MIN	MAX	MIN	MAX	
1 / 2 – 20	UNF	0.0013 0.033	0.4987 12.667	0.4906 12.461	0.4662 11.841	0.4619 11.732	0.446 11.328	0.457 11.608	0.4675 11.875	0.4731 12.017	0.5000 12.700
9 / 16 -12	UNC	0.0016 0.041	0.5509 13.993	0.5495 13.957	0.5068 12.873	0.5016 12.741	0.472 11.989	0.490 12.446	0.5084 12.913	0.5152 13.086	0.5625 14.288
9 / 16-18	UNF	0.0014 0.036	0.5611 14.252	0.5524 14.031	0.5250 13.335	0.5205 13.221	0.502 12.751	0.515 13.081	0.5264 13.371	0.5323 13.520	0.5625 14.288
5 / 8 – 11	UNC	0.0016 0.041	0.6234 15.834	0.6113 15.527	0.5644 14.336	0.5589 14.196	0.527 13.386	0.546 13.868	0.5660 14.376	0.5732 14.559	0.6250 15.875
5 / 8 – 18	UNF	0.0014 0.036	0.6236 15.839	0.6149 15.618	0.5875 14.923	0.5828 14.803	0.565 14.351	0.578 14.681	0.5889 14.958	0.5949 15.110	0.6250 15.875
3 / 4 – 10	UNC	0.0018 0.046	0.7482 19.004	0.7353 18.677	0.6832 17.353	0.6773 17.203	0.642 16.307	0.663 16.840	0.6850 17.399	0.6927 17.595	0.7500 19.050
3 / 4 -16	UNF	0.0015 0.038	0.7485 19.012	0.7391 18.773	0.7079 17.981	0.7029 17.854	0.682 17.323	0.696 17.678	0.7094 18.019	0.7159 18.184	0.7500 19.050
7 / 8 – 9	UNF	0.0019 0.048	0.8731 22.177	0.8592 21.824	0.8009 20.343	0.7946 20.183	0.755 19.177	0.778 19.761	0.8028 20.391	0.8110 20.599	0.8750 22.225
7 / 8 -14	UNF	0.0016 0.041	0.8734 22.184	0.8631 21.923	0.8270 21.006	0.8216 20.869	0.798 20.269	0.814 20.676	0.8286 21.046	0.8356 21.224	0.8750 22.225
1- 8	UNC	0.0020 0.051	0.9980 25.349	0.9830 24.968	0.9168 23.287	0.9100 23.114	0.865 21.971	0.890 22.606	0.9188 23.338	0.9276 23.561	1.0000 25.400
1 - 12	UNF	0.0018 0.046	0.9982 25.354	0.9868 25.065	0.9441 23.980	0.9382 23.830	0.910 23.114	0.928 23.571	0.9459 24.026	0.9535 24.219	1.0000 25.400
1. 1/8 - 7	UNC	0.0022 0.056	1.1228 28.519	1.1064 28.103	1.0300 26.162	1.0228 25.979	0.970 24.638	0.998 25.349	1.0322 26.218	1.0416 26.457	1.1250 28.575
1. 1/8 - 12	UNF	0.0018 0.046	1.1232 28.529	1.1118 28.240	1.0691 27.155	1.0631 27.003	1.035 26.289	1.053 26.746	1.0709 27.201	1.0787 27.399	1.1250 28.575
1. 1/8 - 16	UN	0.0015 0.038	1.1235 28.537	1.1141 28.298	1.0829 27.506	1.0779 27.379	1.057 26.848	1.071 27.203	1.0844 27.544	1.0909 27.709	1.1250 28.575
1. 1/4 - 7	UNC	0.0022 0.056	1.2478 31.694	1.2314 31.278	1.1550 29.337	1.1476 29.149	1.096 27.838	1.123 28.524	1.1572 29.393	1.1668 29.637	1.2500 31.750
1. 1/4- 8	UN	0.0021 0.053	1.2479 31.697	1.2329 31.316	1.1667 29.634	1.1597 29.456	1.115 28.321	1.140 28.956	1.1688 29.688	1.1780 29.921	1.2500 31.750
1. 1/4 - 12	UNF	0.0018 0.046	1.2482 31.704	1.2368 31.415	1.1941 30.330	1.1879 30.173	1.160 29.464	1.178 29.921	1.1959 30.376	1.2039 30.579	1.2500 31.750
1. 1/4- 16	UN	0.0015 0.038	1.2485 31.712	1.2391 31.473	1.2079 30.681	1.2028 30.551	1.182 30.023	1.196 30.378	1.2094 30.719	1.2160 30.886	1.2500 31.750
1. 3/8 - 6	UNC	0.0024 0.061	1.3726 34.864	1.3544 34.402	1.2643 32.113	1.2563 31.910	1.195 30.353	1.225 31.115	1.2667 32.174	1.2771 32.438	1.3750 34.925
1.3/8 - 8	UN	0.0022 0.056	1.3728 34.869	1.3578 34.488	1.2916 32.807	1.2844 32.624	1.240 31.496	1.265 32.131	1.2938 32.863	1.3031 33.099	1.3750 34.925
1.3/8 - 12	UNF	0.0019 0.048	1.3731 34.877	1.3617 34.587	1.3190 33.503	1.3127 33.343	1.285 32.639	1.303 33.096	1.3209 33.551	1.3291 33.759	1.3750 34.925
1. 3/8 - 16	UN	0.0015 0.038	1.3735 34.887	1.3641 34.648	1.3329 33.856	1.3278 33.726	1.307 33.198	1.321 33.553	1.3344 33.894	1.3410 34.061	1.3750 34.925
1.1/2 - 6	UNC	0.0024 0.061	1.4976 38.039	1.4794 37.577	1.3893 35.288	1.3812 35.082	1.320 33.528	1.350 34.290	1.3917 35.349	1.4022 35.616	1.5000 38.100
1.1/2 - 8	UN	0.0022 0.056	1.4978 38.044	1.4828 37.663	1.4166 35.982	1.4093 35.796	1.365 34.671	1.390 35.306	1.4188 36.038	1.4283 36.279	1.5000 38.100
1.1/2 -12	UNF	0.0019 0.048	1.4981 38.052	1.4867 37.762	1.4440 36.678	1.4376 36.515	1.410 35.814	1.428 36.271	1.4459 36.726	1.4542 36.937	1.5000 38.100
1.1/2 -16	UN	0.0016 0.041	1.4984 38.059	1.4890 37.821	1.4578 37.028	1.4526 36.896	1.432 36.373	1.446 36.728	1.4594 37.069	1.4662 37.241	1.5000 38.100
1. 5/8 - 8	UN	0.0022 0.056	1.6228 41.219	1.6078 40.838	1.5416 39.157	1.5342 38.969	1.490 37.846	1.515 38.481	1.5438 39.213	1.5535 39.459	1.6250 41.275
1 5/8 -12	UN	0.0018 0.046	1.6232 41.229	1.6118 40.940	1.5691 39.855	1.5632 39.705	1.535 38.989	1.553 39.446	1.5709 39.901	1.5785 40.094	1.6250 41.275

LIMITS OF SIZE FOR STANDARD SERIES UNIFIED THREADS : COMPONENT



Note :All Dimensions in Bold are in INCHES & LIGHT are in MM		EXTERNAL THREADS 2A					INTERNAL THREADS 2B				
NORMAL SIZE	SERIES	FUND DEV (ALLOWANCE)	MAJOR Ø		PITCH Ø		MINOR Ø		PITCH Ø		MINOR Ø MIN
			MAX	MIN	MAX	MIN	MIN	MAX	MIN	MAX	
1. 5/8 -16	UN	0.0016 0.041	1.6234 41.234	1.6140 40.996	1.5828 40.203	1.5776 40.071	1.557 39.548	1.571 39.903	1.5844 40.244	1.5912 40.416	1.6250 41.275
1.3/4 -5	UNC	0.0027 0.069	1.7473 44.381	1.7268 43.681	1.6174 41.082	1.6085 40.856	1.534 38.964	1.568 39.827	1.6201 41.151	1.6317 41.445	1.7500 44.450
1.3/4 -8	UN	0.0023 0.058	1.7477 44.392	1.7327 44.011	1.6665 42.329	1.6590 42.139	1.615 41.021	1.640 41.656	1.6688 42.388	1.6786 42.636	1.7500 44.450
1.3/4 -12	UN	0.0018 0.046	1.7482 44.404	1.7368 44.115	1.6941 43.030	1.6881 42.878	1.660 42.164	1.678 42.621	1.6959 43.076	1.7037 43.274	1.7500 44.450
1.3/4 -16	UN	0.0016 0.041	1.7484 44.409	1.7390 44.171	1.7078 43.378	1.7025 43.244	1.682 42.723	1.696 43.078	1.7094 43.419	1.7163 43.594	1.7500 44.450
1. 7/8-8	UN	0.0023 0.058	1.8727 47.567	1.8577 47.186	1.7915 45.504	1.7838 45.309	1.740 44.196	1.765 44.831	1.7938 45.563	1.8038 45.817	1.8750 47.625
1. 7/8-12	UN	0.0018 0.046	1.8732 47.579	1.8618 47.290	1.8191 46.205	1.8131 46.053	1.785 45.339	1.803 45.796	1.8209 46.251	1.8287 46.449	1.8750 47.625
1. 7/8-16	UN	0.0016 0.041	1.8734 47.584	1.8640 47.346	1.8328 46.553	1.8275 46.419	1.807 45.898	1.821 46.253	1.8344 46.594	1.8413 46.769	1.8750 47.625
2-4.5	UNC	0.0029 0.074	1.9971 50.726	1.9751 50.168	1.8528 47.061	1.8433 46.820	1.759 44.679	1.795 45.593	1.8557 47.135	1.8681 47.450	2.000 50.806
2 – 8	UN	0.0023 0.058	1.9977 50.742	1.9827 50.361	1.9165 48.679	1.9087 48.481	1.865 47.371	1.890 48.006	1.9188 48.738	1.9289 48.994	2.0000 50.806
2 – 12	UN	0.0018 0.046	1.9982 50.754	1.9868 50.465	1.9441 49.380	1.9380 49.225	1.910 48.514	1.928 48.971	1.9459 49.426	1.9538 49.627	2.0000 50.806
2 – 16	UN	0.0016 0.041	1.9984 50.759	1.9890 50.521	1.9578 49.728	1.9524 49.591	1.932 49.073	1.946 49.428	1.9594 49.769	1.9664 49.947	2.0000 50.800
2.1/4- 4.5	UNC	0.0029 0.074	2.2471 57.076	2.2251 56.518	2.1028 53.411	2.0931 53.165	2.009 51.029	2.045 51.943	2.1057 53.485	2.1183 53.805	2.2500 57.150
2.1/4 - 8	UN	0.0024 0.061	2.2476 57.089	2.2326 56.708	2.1664 55.027	2.1584 54.823	2.115 53.721	2.140 54.356	2.1688 55.088	2.1792 55.352	2.2500 57.150
2. 1/4 - 12	UN	0.0018 0.046	2.2482 57.104	2.2368 56.815	2.1941 55.730	2.1880 55.575	2.160 54.864	2.178 55.321	2.1959 55.776	2.2038 55.977	2.2500 57.150
2. 1/4 -16	UN	0.0016 0.041	2.2484 57.109	2.2390 56.871	2.2078 56.078	2.2024 55.941	2.182 55.423	2.196 55.778	2.2094 56.119	2.2164 56.297	2.2500 57.150
2. 3/8 – 8	UN	0.0024 0.061	2.3726 60.264	2.3576 59.883	2.2914 58.202	2.2833 57.996	2.240 56.896	2.265 57.531	2.2938 58.263	2.3043 58.529	2.3750 60.325
2. 3/8 -12	UN	0.0019 0.048	2.3731 60.277	2.3617 59.987	2.3190 58.903	2.3128 58.745	2.285 58.039	2.303 58.496	2.3209 58.951	2.3290 59.157	2.3750 60.325
2. 3/8 -16	UN	0.0017 0.043	2.3733 60.282	2.3639 60.043	2.3327 59.251	2.3272 59.111	2.307 58.598	2.321 58.953	2.3344 59.294	2.3416 59.477	2.3750 60.325
2.1/2 -4	UNC	0.0031 0.079	2.4969 63.421	2.4731 62.817	2.3345 59.296	2.3241 59.032	2.229 56.617	2.267 57.582	2.3376 59.375	2.3511 59.718	2.5000 63.500
2. 1/2 - 8	UN	0.024 0.061	2.4976 63.439	2.4826 63.058	2.4164 61.377	2.4082 61.168	2.365 60.071	2.390 60.706	2.4188 61.438	2.4294 61.707	2.5000 63.500
2.1/2 -12	UN	0.0019 0.048	2.4981 63.452	2.4867 63.162	2.4440 62.078	2.4378 61.920	2.410 61.214	2.428 61.671	2.4459 62.126	2.4540 62.332	2.5000 63.500
2. 1/2- 16	UN	0.0017 0.043	2.4983 63.457	2.4889 63.218	2.4577 62.426	2.4522 62.286	2.432 61.773	2.446 62.128	2.4594 62.469	2.4666 62.652	2.5000 63.500
2. 5/8 – 8	UN	0.0025 0.064	2.6225 66.612	2.6075 66.231	2.5413 64.549	2.5331 64.341	2.490 63.246	2.515 63.881	2.5438 64.613	2.5545 64.884	2.6250 66.675
2. 5/8 – 12	UN	0.0019 0.048	2.6231 66.627	2.6117 66.337	2.5690 65.253	2.5628 65.095	2.535 64.389	2.553 64.846	2.5709 65.301	2.5790 65.507	2.6250 66.675
2. 5/8 – 16	UN	0.0017 0.043	2.6233 66.632	2.6139 66.393	2.5827 65.601	2.5772 65.461	2.557 64.948	2.571 65.303	2.5844 65.644	2.5916 65.827	2.6250 66.675
2.3/4 - 4	UNC	0.0032 0.081	2.7468 69.769	2.7230 69.164	2.5844 65.644	2.5739 65.377	2.479 62.967	2.517 63.932	2.5876 65.725	2.6013 66.073	2.7500 69.850

LIMITS OF SIZE FOR STANDARD SERIES UNIFIED THREADS : COMPONENT



Note :All Dimensions in Bold are in INCHES & LIGHT are in MM		EXTERNAL THREADS 2A					INTERNAL THREADS 2B				
NORMAL SIZE	SERIES	FUND DEV (ALLOWA NCE)	MAJOR Ø		PITCH Ø		MINOR Ø		PITCH Ø		MINOR Ø MIN
			MAX	MIN	MAX	MIN	MIN	MAX	MIN	MAX	
2.3/4 - 8	UN	0.0025	2.7475	2.7325	2.6663	2.6580	2.615	2.640	2.6688	2.6796	2.7500
		0.064	69.787	69.406	67.724	67.513	66.421	67.056	67.788	68.062	69.850
2.3/4- 12	UN	0.0019	2.7481	2.7367	2.6940	2.6878	2.660	2.678	2.6959	2.7040	2.7500
		0.048	69.802	69.512	68.428	68.270	67.564	68.021	68.476	68.682	69.850
2.3/4- 16	UN	0.0017	2.7483	2.7389	2.7077	2.7022	2.682	2.696	2.7094	2.7166	2.7500
		0.043	69.807	69.568	68.776	68.636	68.123	68.478	68.819	69.002	69.850
2. 7/8 - 8	UN	0.0025	2.8725	2.8575	2.7913	2.7829	2.740	2.765	2.7938	2.8048	2.8750
		0.064	72.962	72.581	70.899	70.686	69.596	70.231	70.963	71.242	73.025
2.7/8- 12	UN	0.0019	2.8731	2.8617	2.8190	2.8127	2.785	2.803	2.8209	2.8291	2.8750
		0.048	72.977	72.687	71.603	71.443	70.739	71.196	71.651	71.859	73.025
2.7/8- 16	UN	0.0017	2.8733	2.8639	2.8327	2.8271	2.807	2.821	2.8344	2.8417	2.8750
		0.043	72.982	72.743	71.951	71.808	71.298	71.653	71.994	72.179	73.025
3 – 4	UNC	0.0032	2.9968	2.9730	2.8344	2.8237	2.729	2.767	2.8376	2.8515	3.0000
		0.081	76.119	75.514	71.994	71.722	69.317	70.282	72.075	72.428	76.200
3 – 8	UN	0.0026	2.9974	2.9824	2.9162	2.9077	2.865	2.890	2.9188	2.9299	3.0000
		0.066	76.134	75.753	74.071	73.856	72.771	73.406	74.138	74.419	76.200
3 – 12	UN	0.0019	2.9981	2.9867	2.9440	2.9377	2.910	2.928	2.9459	2.9541	3.0000
		0.048	76.152	75.862	74.778	74.618	73.914	74.371	74.826	75.034	76.200
3 – 16	UN	0.0017	2.9983	2.9889	2.9577	2.9521	2.932	2.946	2.9594	2.9667	3.0000
		0.043	76.157	75.918	75.126	74.983	74.473	74.828	75.169	75.354	76.200
3.1/4- 4	UNC	0.0033	3.2467	3.2229	3.0843	3.0734	2.979	3.017	3.0876	3.1017	3.2500
		0.084	82.466	81.862	78.341	78.064	75.667	76.632	78.425	78.783	82.550
3.1/4- 8	UN	0.0026	3.2474	3.2324	3.1662	3.1575	3.115	3.140	3.1688	3.1801	3.2500
		0.066	82.484	82.103	80.421	80.201	79.121	79.756	80.488	80.775	82.550
3.1/4- 12	UN	0.0019	3.2481	3.2367	3.1940	3.1877	3.160	3.178	3.1959	3.2041	3.2500
		0.048	82.502	82.212	81.128	80.968	80.264	80.721	81.176	81.384	82.550
3.1/4- 16	UN	0.0017	3.2483	3.2389	3.2077	3.2021	3.182	3.196	3.2094	3.2167	3.2500
		0.043	82.507	82.268	81.476	81.333	80.823	81.178	81.519	81.704	82.550
3.1/2 - 4	UNC	0.0033	3.4967	3.4729	3.3343	3.3233	3.229	3.267	3.3376	3.3519	3.5000
		0.084	88.816	88.212	84.691	84.412	82.017	82.982	84.775	85.138	88.900
3.1/2 - 8	UN	0.0026	3.4974	3.4824	3.4162	3.4074	3.365	3.390	3.4188	3.4303	3.5000
		0.066	88.834	88.453	86.771	86.548	85.471	86.106	86.838	87.130	88.900
3.1/2- 12	UN	0.0019	3.4981	3.4867	3.4440	3.4376	3.410	3.428	3.4459	3.4543	3.5000
		0.048	88.852	88.562	87.478	87.315	86.614	87.071	87.526	87.739	88.900
3.1/2- 16	UN	0.0017	3.4983	3.4889	3.4577	3.4519	3.432	3.446	3.4594	3.4669	3.5000
		0.043	88.857	88.618	87.826	87.678	87.173	87.528	87.869	88.059	88.900
3.3/4- 4	UNC	0.0034	3.7466	3.7228	3.5842	3.5730	3.479	3.517	3.5876	3.6021	3.7500
		0.086	95.164	94.559	91.039	90.754	88.367	89.332	91.125	91.493	95.250
3.3/4- 8	UN	0.0027	3.7473	3.7323	3.6661	3.6571	3.615	3.640	3.6688	3.6805	3.7500
		0.069	95.181	94.800	93.119	92.890	91.821	92.456	93.188	93.485	95.250
3.3/4- 12	UN	0.0019	3.7481	3.7367	3.6940	3.6876	3.660	3.678	3.6959	3.7043	3.7500
		0.048	95.202	94.912	93.828	93.665	92.964	93.421	93.876	94.089	95.250
3.3/4- 16	UN	0.0017	3.7483	3.7389	3.7077	3.7019	3.682	3.696	3.7094	3.7169	3.7500
		0.043	95.207	94.968	94.176	94.028	93.523	93.878	94.219	94.409	95.250
4 – 4	UNC	0.0034	3.9966	3.9728	3.8342	3.8229	3.729	3.767	3.8376	3.8523	4.0000
		0.086	101.514	100.909	97.389	97.102	94.717	95.682	97.475	97.848	101.600
4 – 8	UN	0.0027	3.9973	3.9823	3.9161	3.9070	3.865	3.890	3.9188	3.9307	4.0000
		0.069	101.531	101.150	99.469	99.238	98.171	98.806	99.538	99.840	101.600
4 – 12	UN	0.0020	3.9980	3.9866	3.9439	3.9374	3.910	3.928	3.9459	3.9544	4.0000
		0.051	101.549	101.260	100.175	100.010	99.314	99.771	100.226	100.442	101.600
4 - 16	UN	0.0018	3.9982	3.9888	3.9576	3.9517	3.932	3.946	3.9594	3.9670	4.0000
		0.046	101.554	101.316	100.523	100.373	99.873	100.228	100.569	100.762	101.600

This document is not for public distribution and has been furnished to you solely for your information and must not be reproduced or redistributed partially or fully. We have taken care to ensure correctness of this document, but the accuracy can not be legally guaranteed. The user of this document should rely on their own information before taking decision.

* Protected by Copy right *