

American National Special (Unified Special)

adapted within Unified Inch Screw Thread Form (ANSI/ASME B1.1) identified as 'UNS'.

UNS

Recommended Shaft/Spindle Thread Dimensions

Thread Size	Threads Per Inch	Major Dia		Pitch Dia		Minor Dia
		Max	Min	Max	Min	Max
.391 - 32	32	0.3910	0.3856	0.3707	0.3681	0.3527
.469 - 32	32	0.4690	0.4636	0.4487	0.4461	0.4307
.586 - 32	32	0.5860	0.5806	0.5657	0.5627	0.5477
.664 - 32	32	0.6640	0.6586	0.6437	0.6407	0.6257
.781 - 32	32	0.7810	0.7756	0.7607	0.7573	0.7427
.969 - 32	32	0.9690	0.9636	0.9487	0.9453	0.9307
1.173 - 18	18	1.1730	1.1648	1.1369	1.1329	1.1048
1.312 - 18	18	1.3120	1.3038	1.2764	1.2724	1.2438
1.376 - 18	18	1.3760	1.3678	1.3399	1.3359	1.3078
1.563 - 18	18	1.5630	1.5548	1.5269	1.5224	1.4948
1.767 - 18	18	1.7670	1.7588	1.7309	1.7264	1.6988
1.967 - 18	18	1.9670	1.9588	1.9309	1.9264	1.8988
2.157 - 18	18	2.1570	2.1488	2.1209	2.1158	2.0888
2.204 - 18	18	2.2040	2.1958	2.1679	2.1628	2.1358
2.360 - 18	18	2.3600	2.3518	2.3239	2.3188	2.2918
2.407 - 18	18	2.4070	2.3988	2.3709	2.3658	2.3388
2.548 - 18	18	2.5480	2.5398	2.5119	2.5068	2.4798
2.626 - 18	18	2.6260	2.6178	2.5899	2.5848	2.5578
2.751 - 18	18	2.7510	2.7428	2.7149	2.7098	2.6828
2.933 - 12	12	2.9330	2.9218	2.8789	2.8735	2.8308
3.137 - 12	12	3.1370	3.1258	3.0829	3.0770	3.0348
3.340 - 12	12	3.3400	3.3288	3.2859	3.2800	3.2378
3.527 - 12	12	3.5270	3.5158	3.4729	3.4655	3.4248
3.730 - 12	12	3.7300	3.7188	3.6759	3.6685	3.6278
3.918 - 12	12	3.9180	3.9068	3.8639	3.8565	3.8158
4.122 - 12	12	4.1220	4.1108	4.0679	4.0596	4.0198
4.325 - 12	12	4.3250	4.3138	4.2709	4.2626	4.2228
4.716 - 12	12	4.7160	4.7048	4.6619	4.6536	4.6138
4.778 - 12	12	4.7780	4.7668	4.7239	4.7156	4.6758
5.106 - 12	12	5.1060	5.0948	5.0519	5.0436	5.0038
5.185 - 12	12	5.1850	5.1738	5.1309	5.1226	5.0828
5.497 - 12	12	5.4970	5.4858	5.4429	5.4346	5.3948
5.622 - 12	12	5.6220	5.6108	5.5679	5.5596	5.5198
5.888 - 12	12	5.8880	5.8768	5.8339	5.8256	5.7858
6.097 - 8	8	6.0970	6.0818	6.0158	6.0067	5.9436
6.284 - 8	8	6.2840	6.2688	6.2028	6.1937	6.1306
6.503 - 8	8	6.5030	6.4878	6.4218	6.4127	6.3496
6.659 - 8	8	6.6590	6.6438	6.5778	6.5687	6.5056
6.925 - 8	8	6.9250	6.9098	6.8438	6.8347	6.7716
7.066 - 8	8	7.0660	7.0508	6.9848	6.9757	6.9126
7.331 - 8	8	7.3310	7.3158	7.2498	7.2407	7.1776
7.472 - 8	8	7.4720	7.4568	7.3908	7.3817	7.3186
7.753 - 8	8	7.7530	7.7378	7.6718	7.6627	7.5996
7.847 - 8	8	7.8470	7.8318	7.7658	7.7544	7.6936
8.191 - 8	8	8.1910	8.1758	8.1098	8.0977	8.0376
8.628 - 8	8	8.6280	8.6128	8.5468	8.5347	8.4746
9.442 - 6	6	9.4420	9.4218	9.3337	9.3213	9.2375
10.192 - 6	6	10.1920	10.1718	10.0837	10.0707	9.9875
11.004 - 6	6	11.0040	10.9838	10.8957	10.8827	10.7995
11.785 - 6	6	11.7850	11.7648	11.6767	11.6637	11.5805
11.973 - 6	6	11.9730	11.9528	11.8647	11.8517	11.7685
12.562 - 6	6	12.5620	12.5418	12.4537	12.4402	12.3575
12.942 - 6	6	12.9420	12.9218	12.8337	12.8202	12.7375
13.723 - 6	6	13.7230	13.7028	13.6147	13.6012	13.5185