

# THREAD DIMENSIONS

Class 3A

# Fasteners By Design Inc.

EXTERNAL THREADS - CLASS 3A							ANSI B1.1
Screw Size	Major Diameter			Pitch Diameter			Minor Diameter
	Basic	Max	Min	Basic	Max	Min	Max
0-80	.0600	.0600	.0568	.0519	.0519	.0506	.0447
1-72	.0730	.0730	.0695	.0640	.0640	.0626	.0560
2-56	.0860	.0860	.0819	.0744	.0744	.0728	.0641
3-48	.0990	.0990	.0945	.0855	.0855	.0838	.0734
4-40	.1120	.1120	.1069	.0958	.0958	.0939	.0822
4-48	.1120	.1120	.1075	.0985	.0985	.0967	.0864
5-40	.1250	.1250	.1199	.1088	.1088	.1069	.0943
6-32	.1380	.1380	.1320	.1177	.1177	.1156	.0997
6-40	.1380	.1380	.1329	.1218	.1218	.1198	.1073
8-32	.1640	.1640	.1580	.1437	.1437	.1415	.1257
8-36	.1640	.1640	.1585	.1460	.1460	.1439	.1299
10-24	.1900	.1900	.1828	.1629	.1629	.1604	.1389
10-32	.1900	.1900	.1840	.1697	.1697	.1674	.1517
1/4-20	.2500	.2500	.2419	.2175	.2175	.2147	.1887
1/4-28	.2500	.2500	.2435	.2268	.2268	.2243	.2062
5/16-18	.3125	.3125	.3038	.2764	.2764	.2734	.2443
5/16-24	.3125	.3125	.3053	.2854	.2854	.2827	.2614
3/8-16	.3750	.3750	.3656	.3344	.3344	.3311	.2983
3/8-24	.3750	.3750	.3678	.3479	.3479	.3450	.3239
7/16-14	.4375	.4375	.4272	.3911	.3911	.3876	.3499
7/16-20	.4375	.4375	.4294	.4050	.4050	.4019	.3762
1/2-13	.5000	.5000	.4891	.4500	.4500	.4463	.4056
1/2-20	.5000	.5000	.4919	.4675	.4675	.4643	.4387
5/8-11	.6250	.6250	.6129	.5660	.5660	.5619	.5135
5/8-18	.6250	.6250	.6163	.5889	.5889	.5854	.5568
3/4-10	.7500	.7500	.7371	.6850	.6850	.6806	.6273
7/8-9	.8750	.8750	.8611	.8028	.8028	.7981	.7387
1-8	1.0000	1.0000	.9850	.9188	.9188	.9137	.8466
*Class 3A threads over 1" diameter screws are Class 2A threads.							
* 1 1/4-7	1.2500	1.2478	1.2314	1.1572	1.1550	1.1476	1.0725
* 1 1/2-6	1.5000	1.4976	1.4794	1.3917	1.3893	1.3812	1.2931

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