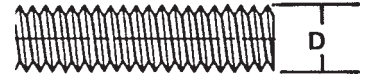


THREAD DIMENSIONS FOR MACHINE SCREWS

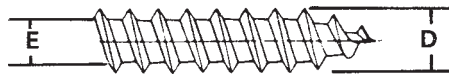
CLASS 2A



ASME B1.1 2002

Nominal Screw Size and Threads Per Inch	Series Designation	Allowance	Major Diameter `D`		Pitch Diameter		
			Max.	Min.	Min.	Min.	Tolerance
2-56	UNC	.0006	.0854	.0813	.0738	.0717	.0021
3-48	UNC	.0007	.0983	.0938	.0848	.0825	.0023
4-40	UNC	.0008	.1112	.1061	.0950	.0925	.0025
4-48	UNF	.0007	.1113	.1068	.0978	.0954	.0024
5-40	UNC	.0008	.1242	.1191	.1080	.1054	.0026
6-32	UNC	.0008	.1372	.1312	.1169	.1141	.0028
6-40	UNF	.0008	.1372	.1321	.1210	.1184	.0026
8-32	UNC	.0009	.1631	.1571	.1428	.1399	.0029
8-36	UNF	.0008	.1632	.1577	.1452	.1424	.0028
10-24	UNC	.0010	.1890	.1818	.1619	.1586	.0033
10-32	UNF	.0009	.1891	.1831	.1688	.1658	.0030
12-24	UNC	.0010	.2150	.2078	.1879	.1845	.0034
12-28	UNF	.0010	.2150	.2085	.1918	.1886	.0032
1/4-20	UNC	.0011	.2489	.2408	.2164	.2127	.0037
1/4-28	UNF	.0010	.2490	.2425	.2258	.2225	.0033
5/16-18	UNC	.0012	.3113	.3026	.2752	.2712	.0040
5/16-24	UNF	.0011	.3114	.3042	.2843	.2806	.0037
3/8-16	UNC	.0013	.3737	.3643	.3331	.3287	.0044
3/8-24	UNF	.0011	.3739	.3667	.3468	.3430	.0038

THREAD DIMENSIONS FOR WOOD SCREWS



ASME B18.6.1 - 1981 (R1997)

Nominal Screw Size	Basic Screw Dia.	Threads per Inch	`D` Major Diameter		* `E` Body Diameter	
			Max.	Min.	Min.	Min.
3	.099	24	.103	.092	.086	.075
4	.112	22	.116	.105	.095	.084
5	.125	20	.129	.118	.107	.096
6	.138	18	.142	.131	.118	.107
7	.151	16	.155	.144	.127	.116
8	.164	15	.168	.157	.136	.125
9	.177	14	.181	.170	.147	.136
10	.190	13	.194	.183	.157	.146
12	.216	11	.220	.209	.176	.165
14	.242	10	.246	.235	.201	.190
16	.268	9	.272	.261	.214	.203
18	.294	8	.298	.287	.237	.226
20	.320	8	.324	.313	.260	.249
24	.372	7	.376	.365	.303	.292

* Refers to Rolled Threads only

NOTE: Does not apply to "specialty" screws such as Deck, Construction, Flooring, Particle Board or Drywall Screws.