



B, Straight Thread

Nom Tube OD	Thread Size	Pitch Dia		Minor Dia		D Dia	J Full Thread Depth	K +0.015 -0.00	O Dia	P□	S*†	U* Dia +0.005 -0.000	Yt Dia	Z ± 1 Deg
		Min	Max	Min	Max									
1/8	5/16-24	0.2854	0.2902	0.267	0.277	0.062	0.390	0.074	0.438	0.468	0.062	0.358	0.672	12
3/16	3/8-24	0.3479	0.3528	0.330	0.340	0.125	0.390	0.074	0.500	0.468	0.062	0.421	0.750	12
1/4	7/16-20	0.4050	0.4104	0.383	0.395	0.172	0.454	0.093	0.563	0.547	0.062	0.487	0.828	12
5/16	1/2-20	0.4675	0.4731	0.446	0.457	0.234	0.454	0.093	0.625	0.547	0.062	0.550	0.906	12
3/8	9/16-18	0.5264	0.5323	0.502	0.515	0.297	0.500	0.097	0.688	0.609	0.062	0.616	0.969	12
1/2	3/4-16	0.7094	0.7159	0.682	0.696	0.391	0.562	0.100	0.875	0.688	0.094	0.811	1.188	15
5/8	7/8-14	0.8286	0.8356	0.798	0.814	0.484	0.656	0.100	1.000	0.781	0.094	0.942	1.344	15
3/4	1 1/16-12	1.0084	1.0158	0.972	0.990	0.609	0.750	0.130	1.250	0.906	0.094	1.148	1.625	15
7/8	1 3/16-12	1.1334	1.1409	1.097	1.115	0.719	0.750	0.130	1.375	0.906	0.094	1.273	1.765	15
1	1 5/16-12	1.2584	1.2659	1.222	1.240	0.844	0.750	0.130	1.500	0.906	0.125	1.398	1.910	15
1 1/4	1 7/8-12	1.5709	1.5785	1.535	1.553	1.078	0.750	0.132	1.875	0.906	0.125	1.713	2.270	15
1 1/2	1 7/8-12	1.8209	1.8287	1.785	1.803	1.312	0.750	0.132	2.125	0.906	0.125	1.962	2.560	15
2	2 1/2-12	2.4459	2.4540	2.410	2.428	1.781	0.750	0.132	2.750	0.906	0.125	2.587	3.480	15

* Diameter U shall be concentric with thread pitch diameter within 0.005 full indicator reading (FIR), and shall be free from longitudinal and spiral tool marks. Annular tool marks up to 100 Micro inch max shall be permissible.

• Maximum recommended spotface depth to permit sufficient wrench grip for proper tightening of the fitting or locknut.

† If face of boss is on a machined surface, dimensions Y and S need not apply.

□ Tap drill depths given require use of bottoming taps to produce the specified full thread lengths. Where standard taps are used, the tap drill depths must be increased accordingly.