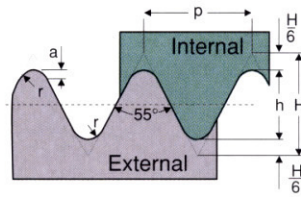


Thread Data - BSP



Thread Dimensions - B.S. 2779:1956 Medium Class

Internal

Dimensions in inches

BSP. Nominal Size	Threads per inch	Length of Engagement	Major Diameter		Effective Diameter			Minor Diameter		
			Min	Max	Tol.	Min	Max	Tol.	Min.	
1/8	28	3/8	0.3830	0.3643	0.0042	0.3601	0.3483	0.0111	0.3372	
1/4	19	1/2	0.5180	0.4892	0.0049	0.4843	0.4681	0.0175	0.4506	
3/8	19	1/2	0.6560	0.6273	0.0050	0.6223	0.6061	0.0175	0.5886	
1/2	14	5/8	0.8250	0.7849	0.0056	0.7793	0.7549	0.0213	0.7336	
5/8	14	5/8	0.9020	0.8619	0.0056	0.8563	0.8319	0.0213	0.8106	
3/4	14	3/4	1.0410	1.0013	0.0060	0.9953	0.9709	0.0213	0.9496	
7/8	14	3/4	1.1890	1.1494	0.0061	1.1433	1.1189	0.0213	1.0976	
1	11	7/8	1.3090	1.2573	0.0065	1.2508	1.2718	0.0252	1.1926	
1 1/4	11	1	1.6500	1.5987	0.0069	1.5918	1.5588	0.0252	1.5336	
1 1/2	11	1 1/8	1.8820	1.8310	0.0072	1.8238	1.7908	0.0252	1.7656	
1 3/4	11	1 1/8	2.1160	2.0651	0.0073	2.0578	2.0248	0.0252	1.9996	
2	11	1 1/8	2.3470	2.2961	0.0073	2.2888	2.2558	0.0252	2.2306	
2 1/4	11	1 1/8	2.5870	2.5362	0.0074	2.5288	2.4958	0.0252	2.4706	
2 1/2	11	1 1/8	2.9600	2.9094	0.0076	2.9018	2.8688	0.0252	2.8436	
2 3/4	11	1 1/8	3.2100	3.1594	0.0076	3.1518	3.1188	0.0252	3.0936	
3	11	1 1/8	3.4600	3.4095	0.0077	3.4018	3.3688	0.0252	3.3436	
3 1/2	11	1 1/8	3.9500	3.8997	0.0079	3.8918	3.8588	0.0252	3.8336	
4	11	1 1/8	4.4500	4.3998	0.0080	4.3918	4.3588	0.0252	4.3336	
5	11	1 1/8	5.4500	5.4000	0.0082	5.3918	5.3588	0.0252	5.3336	
6	11	1 1/8	6.4500	6.4002	0.0084	6.3918	6.3588	0.0252	6.3336	

External

Dimensions in inches

BSP. Nominal Size	Threads per inch	Length of Engagement	Major Diameter		Effective Diameter			Minor Diameter			
			Max	Tol.	Min.	Max	Tol.	Min.	Max	Tol.	Min.
1/8	28	3/8	0.3830	0.0061	0.3769	0.3601	0.0042	0.3559	0.3372	0.0080	0.3292
1/4	19	1/2	0.5180	0.0072	0.5108	0.4843	0.0049	0.4794	0.4506	0.0095	0.4411
3/8	19	1/2	0.6560	0.0073	0.6487	0.6223	0.0050	0.6173	0.5886	0.0096	0.5790
1/2	14	5/8	0.8250	0.0083	0.8167	0.7793	0.0056	0.7737	0.7336	0.0109	0.7227
5/8	14	5/8	0.9020	0.0083	0.8937	0.8563	0.0056	0.8507	0.8106	0.0109	0.7997
3/4	14	3/4	1.0410	0.0087	1.0323	0.9953	0.0060	0.9893	0.9496	0.0113	0.9383
7/8	14	3/4	1.1890	0.0088	1.1802	1.1433	0.0061	1.1372	1.0976	0.0114	1.0862
1	11	7/8	1.3090	0.0095	1.2995	1.2508	0.0065	1.2443	1.1926	0.0125	1.1801
1 1/4	11	1	1.6500	0.0099	1.6401	1.5918	0.0069	1.5849	1.5336	0.0129	1.5207
1 1/2	11	1 1/8	1.8820	0.0102	1.8718	1.8238	0.0072	1.8166	1.7656	0.0132	1.7524
1 3/4	11	1 1/8	2.1160	0.0103	2.1057	2.0578	0.0073	2.0505	1.9996	0.0133	1.9863
2	11	1 1/8	2.3470	0.0104	2.3366	2.2888	0.0073	2.2815	2.2306	0.0134	2.2172
2 1/4	11	1 1/8	2.5870	0.0105	2.5765	2.5288	0.0074	2.5214	2.4706	0.0135	2.4571
2 1/2	11	1 1/8	2.9600	0.0106	2.9494	2.9018	0.0076	2.8942	2.8436	0.0136	2.8300
2 3/4	11	1 1/8	3.2100	0.0107	3.1993	3.1518	0.0076	3.1442	3.0936	0.0137	3.0799
3	11	1 1/8	3.4600	0.0107	3.4493	3.4018	0.0077	3.3941	3.3436	0.0137	3.3299
3 1/2	11	1 1/8	3.9500	0.0109	3.9391	3.8918	0.0079	3.8839	3.8336	0.0139	3.8197
4	11	1 1/8	4.4500	0.0110	4.4390	4.3918	0.0080	4.3838	4.3336	0.0140	4.3196
5	11	1 1/8	5.4500	0.0112	5.4388	5.3918	0.0082	5.3836	5.3336	0.0142	5.3194
6	11	1 1/8	6.4500	0.0114	6.4386	6.3918	0.0084	6.3834	6.3336	0.0144	6.3192