

BSF THREAD CHART

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BSF - BRITISH STANDARD FINE															
Thread	Outside dia.		Thread pitch		Tapping drill size			Thread data			Bolt/Nut/Washer sizes				
	inch	MM	TPI	Pitch (inch)	inch	MM	Let/Num Fraction	Root dia (inch)	Depth (inch)	Angle deg.	Hex AF (inch)	Head Depth (inch)	Std. Nut Depth (inch)	Lock Nut Depth (inch)	Washer Face Dia (inch)
3/16" BSF	0.188	4.76	32	0.031	0.156	3.97	5/32"	0.148	0.020	55	0.338				
7/32" BSF	0.219	5.56	28	0.036	0.183	4.65	14	0.173	0.023	55					
1/4" BSF	0.250	6.35	26	0.039	0.209	5.30	4	0.201	0.025	55	0.445	0.176	0.200	0.185	0.428
9/32" BSF	0.281	7.14	26	0.039	0.238	6.05	B	0.232	0.025	55					
5/16" BSF	0.313	7.94	22	0.045	0.266	6.75	17/64"	0.254	0.029	55	0.525	0.218	0.250	0.210	0.508
3/8" BSF	0.375	9.53	20	0.050	0.323	8.20	P	0.311	0.032	55	0.600	0.260	0.312	0.260	0.582
7/16" BSF	0.438	11.11	18	0.056	0.375	9.53	3/8"	0.037	0.036	55	0.710	0.302	0.375	0.275	0.690
1/2" BSF	0.500	12.70	16	0.063	0.438	11.11	7/16"	0.420	0.040	55	0.820	0.343	0.437	0.300	0.800
9/16" BSF	0.563	14.29	16	0.063	0.500	12.70	1/2"	0.483	0.040	55	0.920	0.375	0.500	0.333	0.900
5/8" BSF	0.625	15.88	14	0.071	0.547	13.89	35/64"	0.534	0.046	55	1.010	0.417	0.562	0.375	0.985
11/16" BSF	0.688	17.46	14	0.071	0.609	15.48	39/64"	0.596	0.046	55	1.100				
3/4" BSF	0.750	19.05	12	0.083	0.656	16.67	21/32"	0.643	0.053	55	1.200	0.500	0.687	0.458	1.175
13/16" BSF	0.813	20.64	12	0.083	0.719	18.26	23/32"	0.706	0.053	55					
7/8" BSF	0.875	22.23	11	0.091	0.781	19.84	25/32"	0.759	0.058	55	1.300	0.583	0.750	0.500	1.273
1"	1.000	25.40	10	0.100	0.891	22.62	57/64"	0.872	0.064	55	1.480	0.666	0.875	0.583	1.453
1-1/8" BSF	1.125	28.58	9	0.111	1.000	25.40	1"	0.983	0.071	55	1.670	0.750	1.000	0.666	1.620
1-1/4" BSF	1.250	31.75	9	0.111	1.125	28.58	1-1/8"	1.108	0.071	55	1.860	0.830	1.125	0.750	1.795
1-3/8" BSF	1.375	34.93	8	0.125	1.234	31.35	1-15/64"	1.215	0.080	55	2.050	0.920	1.250	0.833	1.985
1-1/2" BSF	1.500	38.10	8	0.125	1.359	34.53	1-23/64"	1.340	0.080	55	2.220	1.000	1.375	0.916	2.155
1-5/8" BSF	1.625	41.28	8	0.125	1.486	37.74	1-15/32"	1.465	0.080	55	2.410				
1-3/4" BSF	1.750	44.45	7	0.143	1.600	40.64	1-5/8"	1.567	0.092	55	2.580	1.170	1.625	1.083	2.495
2" BSF	2.000	50.80	7	0.143	1.835	46.61	1-27/32"	1.817	0.092	55	2.760	1.330	1.750	1.166	2.675
2-1/4" BSF	2.250	57.15	6	0.167	2.050	52.07	2-1/16"	2.036	0.107	55	3.150				
2-1/2" BSF	2.500	63.50	6	0.167	2.330	59.18	2-15/16"	2.286	0.107	55	3.550				
2-3/4" BSF	2.750	69.85	6	0.167	2.560	65.02	2-9/16"	2.536	0.107	55	3.890				
3" BSF	3.000	76.20	5	0.200	2.780	70.61	2-25/32"	2.743	0.128	55	4.187				