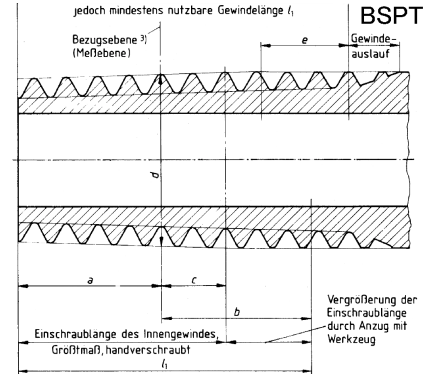
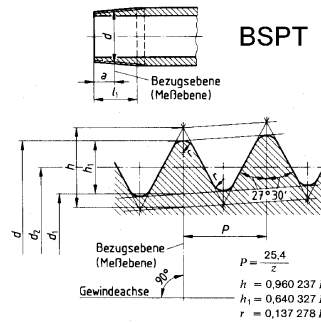
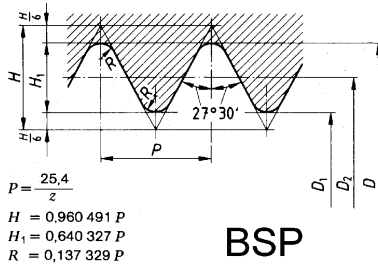


BRITISH STANDARD PIPE THREADS

Ref: BS 2779 - 1973, BS 21 - 1973, ISO R 228-1961, ISO R 7 - 1954, DIN 2999 - 1983

BSP: British Standard Pipe Thread - Parallel - Where pressure tight joints are obtained with a sealer ring

BSPT: British Standard Pipe Tapered Thread - Where pressure tight joints are made on the threads



BSP - Basic Sizes

NOM. DIA. Inch	THREADS PER Inch	MAJOR DIA. Inch	EFFECT. DIA. Inch	MINOR DIA. Inch
1/8	28	.3830	.3601	.3372
1/4	19	.5180	.4843	.4506
3/8	19	.6560	.6223	.5886
1/2	14	.8250	.7793	.7336
5/8	14	.9020	.8563	.8106
3/4	14	1.0410	.9953	.9496
7/8	14	1.1819	1.1433	1.0976
1	11	1.3090	1.2508	1.1926
1 1/4	11	1.6500	1.5918	1.5336
1 1/2	11	1.8820	1.8238	1.7656
2	11	2.3470	2.2888	2.2306
2 1/2	11	2.9600	2.9018	2.8436
3	11	3.4600	3.4018	3.3436
4	11	4.4500	4.3918	4.3336

BSPT - Basic Sizes

NOM. DIA. Inch	THREADS PER Inch	MAJOR DIA. Inch	GAGE LENGTH Inch
1/8	28	.3830	.1563
1/4	19	.5180	.2367
3/8	19	.6560	.2500
1/2	14	.8250	.3214
3/4	14	1.0410	.3750
1	11	1.3090	.4091
1 1/4	11	1.6500	.5000
1 1/2	11	1.8820	.5000
2	11	2.3470	.6250
2 1/2	11	2.9600	.6875
3	11	3.4600	.8125

BRITISH ASSOCIATION SCREW THREAD - MINIATURE

BA Form - Ref: BS 93 - 1951

BA = British Association Screw thread form is recommended for all screws smaller than 1/4 inch in diameter. In the selection of sizes, preference has been given to even numbered BA sizes. BA is symmetrical thread of 47 1/2°. Crests and roots are rounded in equal radii.

P = Pitch of thread, H = Depth of thread, R = Radius at root and crest, S = Root and crest truncation. $H = 0.600 \times P$, $R = 0.18083 \times P$, $S = 0.26817 \times P$

NOM. THREAD DESIGNATION	P PITCH mm	DEPTH OF THREAD mm	BOLT AND NUT mm			R RADIUS mm	THREADS PER Inch (approx.)
			MAJOR DIA.	EFFECTIVE DIA.	MINOR DIA.		
0 BA	1.00	0.60	6.00	5.40	4.80	0.180	25.4
1 BA	0.90	0.54	5.30	4.76	4.22	0.162	28.2
2 BA	0.91	0.48	4.70	4.21	3.73	0.146	31.4
3 BA	0.73	0.44	4.10	3.66	3.22	0.132	34.8
4 BA	0.66	0.39	3.60	3.20	2.81	0.119	38.5
5 BA	0.59	0.35	3.20	2.84	2.49	0.106	43.0
6 BA	0.53	0.32	2.80	2.48	2.16	0.095	47.9
8 BA	0.43	0.26	2.20	1.94	1.68	0.077	59.1
10 BA	0.35	0.21	1.70	1.49	1.28	0.063	72.6