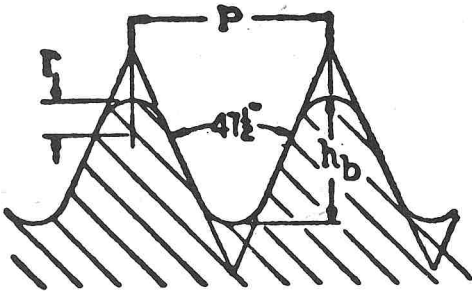


BASIC THREAD DIMENSIONS AND TAP DRILL SIZES

British Association Standard



Formula

$$\left\{ \begin{array}{l} p = \text{Pitch} \\ h_b = \text{Height} = p \times .6 \\ r = \text{Radius} = \frac{2 \times p}{11} \end{array} \right.$$

Number	Pitch m/m	Major Diameter m/m	Pitch Diameter m/m	Minor Diameter m/m	Size Tap Drill to Produce Approximately a Full Thread
0	1.00	6.0	5.400	4.80	10
1	.90	5.3	4.760	4.22	17
2	.81	4.7	4.215	3.73	24
3	.73	4.1	3.660	3.22	29
4	.66	3.6	3.205	2.81	32
5	.59	3.2	2.845	2.49	37
6	.53	2.8	2.480	2.16	43
7	.48	2.5	2.210	1.92	46
8	.43	2.2	1.940	1.68	50
9	.39	1.9	1.665	1.43	53
10	.35	1.7	1.490	1.28	55
11	.31	1.5	1.315	1.13	56
12	.28	1.3	1.130	.96	60
14	.23	1.0	.860	.72	70