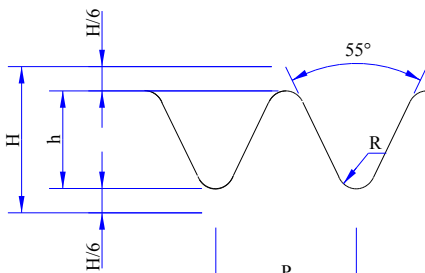


Basic Form of Whitworth & Fine Thread



$P = \text{pitch} = \text{No. Of threads per inch}$
 $H = 0.96049 \times P, h = 2/3H = 0.64033 \times P$
 $H/6 = 0.13733 \times P, r = 0.13733 \times P$

Nom. Dia. (inch)	TPI	Drill Sizes mm	
		Tapping	Clearance
1/8	40	2.55	3.30
5/32	32	3.20	4.00
3/16	24	3.70	4.90
7/32	24	4.50	5.70
1/4	20	5.10	6.50
5/16	18	6.50	8.10
3/8	16	7.90	9.70
7/16	14	9.30	11.30
1/2	12	10.50	13.00
9/16	12	12.10	14.50
5/8	11	13.50	16.25
11/16	10	15.00	17.75
3/4	10	16.25	19.25
7/8	9	19.25	22.50
1	8	22.00	25.75
1.1/8	7	24.75	29.00
1.1/4	7	28.00	32.00
1.1/2	6	33.50	38.50
1.3/4	5	39.00	45.00
2	4.5	44.50	51.00

British Standard Whitworth Threads