



NPT THREAD DIMENSIONS

Pipe Size	O.D. Inches	Threads Per Inch	Approx. Length of Thread	Approx. No. of Threads	Hand + Wrench Makeup	Tap Drill Inches
1/16	0.313	27				
1/8	0.405	27	3/8	10	1/4	R
1/4	0.540	18	5/8	11	3/8	7/16
3/8	0.675	18	5/8	11	3/8	37/64
1/2	0.840	14	3/4	10	7/16	23/32
3/4	1.050	14	3/4	10	1/2	59/64
1	1.315	11-1/2	7/8	10	9/16	1-5/32
1-1/4	1.660	11-1/2	1	11	9/16	1-1/2
1-1/2	1.900	11-1/2	1	11	9/16	1-47/64
2	2.375	11-1/2	1	11	5/8	2-7/32
2-1/2	2.875	8	1-1/2	12	7/8	2-5/8
3	3.500	8	1-1/2	12	1	3-1/4
3-1/2	4.000	8	1-5/8	13	1-1/16	3-3/4
4	4.500	8	1-5/8	13	1-1/16	4-1/4
4-1/2	5.000	8				4-3/4
5	5.563	8	1-3/4	14	1-3/16	5-9/32
6	6.625	8	1-3/4	14	1-3/16	6-11/32
8	8.625	8	1-7/8	15	1-5/16	
10	10.750	8	2	16	1-1/2	
12	12.750	8	2-1/8	17	1-5/8	
14	14.000	8				
16	16.000	8				
18	18.000	8				
20	20.000	8				
24	24.000	8				

NPT QUICK REFERENCE

60° THREAD ANGLE • 1 IN 16 TAPER ON DIAMETER • PITCH EXPRESSED AS THREADS PER INCH (TPI)

NPT = TAPERED PIPE THREAD • NPS = STRAIGHT PIPE THREAD • DIMENSIONS SHOWN IN INCHES