FREE CALCULATOR

NPT pipe thread size chart: threads per inch, OD and tap drills

NPT (National Pipe Taper) sizes with threads per inch, the real outside diameter, thread engagement and tap drill, and a calculator that names a pipe thread from its measured diameter.

CHART

NPT pipe thread chart

PIPE SIZE	THREADS PER INCH	PIPE OD (IN)	PIPE OD (MM)	THREAD LENGTH, APPROX. (IN)	MAKEU
1/16 in	27	0.313	8.0	-	-
1/8 in	27	0.405	10.3	3/8	1/4
1/4 in	18	0.540	13.7	5/8	3/8
3/8 in	18	0.675	17.1	5/8	3/8
1/2 in	14	0.840	21.3	3/4	7/16
3/4 in	14	1.050	26.7	3/4	1/2
1 in	11-1/2	1.315	33.4	7/8	9/16
1-1/4 in	11-1/2	1.660	42.2	1	9/16
1-1/2 in	11-1/2	1.900	48.3	1	9/16
2 in	11-1/2	2.375	60.3	1	5/8
2-1/2 in	8	2.875	73.0	1 1/2	7/8
3 in	8	3.500	88.9	1 1/2	1
3-1/2 in	8	4.000	101.6	1 5/8	1 1/16
4 in	8	4.500	114.3	1 5/8	1 1/16

PIPE SIZE	THREADS PER INCH	PIPE OD (IN)	PIPE OD (MM)	THREAD LENGTH, APPROX. (IN)	MAKEU
5 in	8	5.563	141.3	1 3/4	1 3/16
6 in	8	6.625	168.3	1 3/4	1 3/16

Free chart from fleetzap.com/tools/npt-thread-chart