

DRILL SIZES FOR NPT PIPE TAPS

Tap Size	Threads/In.	Drill Dia.
1/8	27	R
1/4	18	7/16
3/8	18	37/64
1/2	14	23/32
3/4	14	59/64
1	11 1/2	15 3/32
1 1/4	11 1/2	1 1/2
1 1/2	11 1/2	1 47/64
2	11 1/2	2 7/32
2 1/2	8	2 5/8
3	8	3 1/4
3 1/2	8	3 3/4
4	8	4 1/4

TAP & DRILL SIZES

(Unified National Coarse)

Tap Size	Threads/In.	Drill Size
1/4	20	7
5/16	18	F
3/8	16	5/16
7/16	14	U
1/2	13	27/64
9/16	12	31/64
5/8	11	17/32
3/4	10	21/32
7/8	9	49/64
1	8	7/8
1 1/8	7	63/64
1 1/4	7	17/64
1 3/8	6	17/32
1 1/2	6	1 11/32
1 3/4	5	1 9/16
2	4 1/2	1 25/32

PIPE & WATER WEIGHT/FOOT

Nom. Pipe Size	WEIGHT (Lb.)		WEIGHT (Lb.)	
	STD Pipe	Water	XS Pipe	Water
1/2	0.851	0.132	1.088	0.101
3/4	1.131	0.230	1.474	0.188
1	1.679	0.374	2.172	0.311
1 1/4	2.273	0.648	2.997	0.555
1 1/2	2.718	0.882	3.631	0.765
2	3.653	1.455	5.022	1.280
2 1/2	5.793	2.076	7.661	1.837
3	7.580	3.200	10.250	2.864
3 1/2	9.110	4.280	12.510	3.850
4	10.790	5.510	14.980	4.980
5	14.620	8.660	20.780	7.890
6	18.970	12.510	28.570	11.290
8	28.550	21.690	43.390	19.800
10	40.480	34.100	54.740	32.300
12	49.580	49.000	65.420	47.000
14	54.570	59.700	72.090	57.500
16	62.580	79.100	82.770	76.500
18	70.590	101.200	93.450	98.400
20	78.600	126.000	104.130	122.800
24	94.620	183.800	125.490	180.100
30	119.000	291.200	158.000	286.200