

DORMER PRAMET

DECIMAL EQUIVALENTS

SIMPLY RELIABLE

Size	Decimal Inches	Size	Decimal Inches	Size	Decimal Inches	Size	Decimal Inches	Size	Decimal Inches
0.25	.0098	2.05	.0807	4.70	.1850	8.40	.3307	14.25	.5610
0.30	.0118	#46	.0810	#13	.1850	Q	.3320	9/16	.5625
#80	.0135	#45	.0820	3/16	.1875	8.50	.3346	14.50	.5709
0.35	.0138	2.10	.0827	4.80	.1890	8.60	.3386	37/64	.5781
#79	.0145	2.15	.0846	#12	.1890	R	.3390	14.75	.5807
1/64	.0156	#44	.0860	#11	.1910	8.70	.3425	15.00	.5906
0.40	.0157	2.20	.0866	4.90	.1929	11/32	.3437	19/32	.5937
#78	.0160	2.25	.0886	#10	.1935	8.80	.3465	15.25	.6004
0.45	.0177	#43	.0890	#9	.1960	S	.3480	39/64	.6094
#77	.0180	2.30	.0905	5.00	.1968	8.90	.3504	15.50	.6102
0.50	.0197	2.35	.0925	#8	.1990	9.00	.3543	15.75	.6201
#76	.0200	#42	.0935	5.10	.2008	T	.3580	5/8	.6250
#75	.0210	3/32	.0937	#7	.2010	9.10	.3583	16.00	.6299
0.55	.0217	2.40	.0945	13/64	.2031	23/64	.3594	16.25	.6398
#74	.0225	#41	.0960	#6	.2040	9.20	.3622	41/64	.6406
0.60	.0236	2.45	.0965	5.20	.2047	9.30	.3661	16.50	.6496
#73	.0240	#40	.0980	#5	.2055	U	.3680	21/32	.6562
#72	.0250	2.50	.0984	5.30	.2087	9.40	.3701	16.75	.6594
0.65	.0256	#39	.0995	#4	.2090	9.50	.3740	17.00	.6693
#71	.0260	2.55	.1004	5.40	.2126	3/8	.3750	43/64	.6719
0.70	.0276	#38	.1015	#3	.2130	V	.3770	17.25	.6791
#70	.0280	2.60	.1024	5.50	.2165	9.60	.3780	11/16	.6875
#69	.0292	#37	.1040	7/32	.2187	9.70	.3819	17.50	.6890
0.75	.0295	2.65	.1043	5.60	.2205	9.80	.3858	17.75	.6988
#68	.0310	2.70	.1063	#2	.2210	W	.3860	45/64	.7031
1/32	.0313	#36	.1065	5.70	.2244	9.90	.3898	18.00	.7087
0.80	.0315	2.75	.1083	#1	.2280	25/64	.3906	18.25	.7185
#67	.0320	7/64	.1093	5.80	.2283	10.00	.3937	23/32	.7187
#66	.0330	#35	.1100	5.90	.2323	X	.3970	18.50	.7283
0.85	.0335	2.80	.1102	A	.2340	10.10	.3976	47/64	.7344
#65	.0350	#34	.1110	15/64	.2344	10.20	.4016	18.75	.7382
0.90	.0354	2.85	.1122	6.00	.2362	Y	.4040	19.00	.7480
#64	.0360	#33	.1130	B	.2380	10.30	.4055	3/4	.7500
#63	.0370	2.90	.1142	6.10	.2401	13/32	.4062	19.25	.7579
0.95	.0374	#32	.1160	C	.2420	10.40	.4094	49/64	.7656
#62	.0380	2.95	.1161	6.20	.2441	Z	.4130	19.50	.7677
#61	.0390	3.00	.1181	D	.2460	10.50	.4134	19.75	.7776
1.00	.0394	#31	.1200	6.30	.2480	10.60	.4173	25/32	.7812
#60	.0400	3.10	.1220	E-1/4	.2500	10.70	.4213	20.00	.7874
#59	.0410	1/8	.1250	6.40	.2520	27/64	.4219	51/64	.7969
1.05	.0413	3.20	.1260	6.50	.2559	10.80	.4252	20.25	.7972
#58	.0420	#30	.1285	F	.2570	10.90	.4291	20.50	.8071
#57	.0430	3.30	.1299	6.60	.2598	11.00	.4330	13/16	.8125
1.10	.0433	3.40	.1339	G	.2610	11.10	.4370	20.75	.8169
1.15	.0453	#29	.1360	6.70	.2638	7/16	.4375	21.00	.8268
#56	.0465	3.50	.1378	17/64	.2656	11.20	.4409	53/64	.8281
3/64	.0469	#28	.1405	H	.2660	11.30	.4449	21.25	.8366
1.20	.0472	9/64	.1406	6.80	.2677	11.40	.4488	27/32	.8437
1.25	.0492	3.60	.1417	6.90	.2716	11.50	.4528	21.50	.8465
1.30	.0512	#27	.1440	I	.2720	29/64	.4531	21.75	.8563
#55	.0520	3.70	.1457	7.00	.2756	11.60	.4567	55/64	.8594
1.35	.0531	#26	.1470	J	.2770	11.70	.4606	22.00	.8661
1.40	.0550	#25	.1495	7.10	.2795	11.80	.4646	7/8	.8750
#54	.0550	3.80	.1496	K	.2810	11.90	.4685	22.25	.8760
1.45	.0571	#24	.1520	9/32	.2812	15/32	.4687	22.50	.8858
1.50	.0591	3.90	.1535	7.20	.2835	12.00	.4724	57/64	.8906
#53	.0595	#23	.1540	7.30	.2874	12.10	.4764	22.75	.8957
1.55	.0610	5/32	.1562	L	.2900	12.20	.4803	23.00	.9055
1/16	.0625	#22	.1570	7.40	.2913	12.30	.4843	29/32	.9062
1.60	.0629	4.00	.1575	M	.2950	31/64	.4843	23.25	.9154
#52	.0635	#21	.1590	7.50	.2953	12.40	.4882	59/64	.9219
1.65	.0650	#20	.1610	19/64	.2968	12.50	.4921	23.50	.9252
1.70	.0669	4.10	.1614	7.60	.2992	12.60	.4961	23.75	.9350
#51	.0670	4.20	.1654	N	.3020	12.70	.5000	15/16	.9375
1.75	.0689	#19	.1660	7.70	.3031	1/2	.5000	24.00	.9449
#50	.0700	4.30	.1693	7.80	.3071	12.80	.5039	61/64	.9531
1.80	.0709	#18	.1695	7.90	.3110	12.90	.5079	24.25	.9547
1.85	.0730	11/64	.1719	5/16	.3125	13.00	.5118	24.50	.9646
#49	.0730	#17	.1730	8.00	.3150	33/64	.5156	31/32	.9688
1.90	.0748	4.40	.1732	O	.3160	13.20	.5197	24.75	.9744
#48	.0760	#16	.1770	8.10	.3189	17/32	.5313	25.00	.9843
1.95	.0768	4.50	.1771	8.20	.3228	13.50	.5315	63/64	.9844
5/64	.0781	#15	.1800	P	.3230	13.80	.5433	1"	1.0000
#47	.0785	4.60	.1811	8.30	.3268	35/64	.5469		
2.00	.0787	#14	.1820	21/64	.3281	14.00	.5512		

Tap Drill Sizes

(Drill sizes based on approximate 72-77% full thread)

Tap Size/ Pitch Form	Tap Drill Size	Alt. Tap Drill	Tap Size/ Pitch Form	Tap Drill Size	Alt. Tap Drill	Tap Size/ Pitch Form	Tap Drill Size	Alt. Tap Drill
Unified Taps			Taper Pipe Taps - NPT			27 - 3.00	61/64	24.00
0 - 80	3/64	1.25	1/16 - 27	D	6.30	30 - 3.50	1-3/64	26.50
1 - 64 UNC	53	1.55	1/8 - 27	R	8.70	33 - 3.50	1-5/32	29.50
1 - 72 UNF	53	1.55	1/4 - 18	7/16	11.10	36 - 4.00	1-1/4	32.00
2 - 56 UNC	51	1.85	3/8 - 18	37/64	14.50	39 - 4.00	1-3/8	35.00
2 - 64 UNF	50	1.90	1/2 - 14	23/32	18.00	I.S.O. Metric Fine		
3 - 48 UNC	47	2.10	3/4 - 14	59/64	23.25	3 - 0.35	37	2.65
3 - 56 UNF	46	2.15	1 - 11.5	1.5/32	29.00	4 - 0.35	27	3.65
4 - 40 UNC	43	2.35	1.1/4 - 11.5	1.1/2	38.00	4 - 0.50	29	3.50
4 - 48 UNF	42	2.40	1.1/2 - 11.5	1.47/64	44.00	4.5 - 0.45	21	4.05
5 - 40 UNC	39	2.65	2" - 11.5	2.7/32	57.00	5 - 0.50	16	4.50
5 - 44 UNF	37	2.70	2.1/2 - 8	2.5/8	67.00	5 - 0.70	18	4.30
6 - 32 UNC	36	2.85	3" - 8	3.1/4	82.50	5 - 0.75	18	4.25
6 - 40 UNF	33	2.95	Straight Pipe Taps - NPS			5.5 - 0.5	9	5.00
8 - 32 UNC	29	3.50	1/8 - 27	S	8.80	6 - 0.50	7/32	5.50
8 - 36 UNF	29	3.50	1/4 - 18	29/64	11.50	6 - 0.75	5	5.25
10 - 24 UNC	25	3.90	3/8 - 18	19/32	15.00	7 - 0.75	D	6.25
10 - 32 UNF	21	4.10	1/2 - 14	47/64	18.50	8 - 0.50	M	7.50
12 - 24 UNC	17	4.50	3/4 - 14	15/16	23.75	8 - 1.00	J	7.00
12 - 28 UNF	15	4.70	1 - 11.5	1.3/16	30.25	9 - 0.50	Q	8.50
1/4 - 20 UNC	7	5.10	1.1/4 - 11.5	1.33/64	38.50	9 - 1.00	O	8.00
1/4 - 28 UNF	3	5.50	1.1/2 - 11.5	1.3/4	44.50	10 - 0.50	3/8	9.50
5/16 - 18 UNC	F	6.60	2" - 11.5	2.7/32	57.00	10 - 0.75	U	9.25
5/16 - 24 UNF	I	6.90	I.S.O. Metric Coarse			10 - 1.00	T	9.00
3/8 - 16 UNC	5/16	8.00	1.6 - 0.35	3/64	1.25	10 - 1.25	11/32	8.75
3/8 - 24 UNF	Q	8.50	1.7 - 0.35	55	1.35	11 - 1.00	X	10.00
7/16 - 14 UNC	U	9.40	1.8 - 0.35	54	1.45	12 - 1.00	7/16	11.00
7/16 - 20 UNF	W	9.90	2 - 0.40	1/16	1.60	12 - 1.25	27/64	10.75
1/2 - 13 UNC	27/64	10.80	2.2 - 0.45	50	1.75	12 - 1.50	Z	10.50
1/2 - 20 UNF	29/64	11.50	2.3 - 0.40	49	1.90	13 - 1.50	29/64	11.50
9/16 - 12 UNC	31/64	12.20	2.5 - 0.45	46	2.05	13 - 1.75	7/16	11.25
9/16 - 18 UNF	33/64	12.90	2.6 - 0.45	44	2.15	14 - 1.25	1/2	12.75
5/8 - 11 UNC	17/32	13.50	3 - 0.50	40	2.50	14 - 1.50	31/64	12.50
5/8 - 18 UNF	37/64	14.50	3.5 - 0.60	33	2.90	15 - 1.50	17/32	13.50
3/4 - 10 UNC	21/32	16.50	4 - 0.70	30	3.30	16 - 1.00	19/32	15.00
3/4 - 16 UNF	11/16	17.50	4.5 - 0.75	27	3.70	16 - 1.25	37/64	14.75
7/8 - 9 UNC	49/64	19.50	5.0 - 0.80	19	4.20	16 - 1.50	9/16	14.50
7/8 - 14 UNF	13/16	20.40	5.5 - 0.90	15	4.60	18 - 1.00	43/64	17.00
1 - 8 UNC	7/8	22.25	6 - 1.00	9	5.00	18 - 1.25	21/32	16.75
1 - 12 UNF	59/64	23.25	7 - 1.00	15/64	6.00	18 - 1.50	41/64	16.50
1 - 14 UNS	15/16	23.50	8 - 1.25	H	6.80	18 - 2.00	5/8	16.00
1.1/8 - 7 UNC	63/64	25.00	9 - 1.25	5/16	7.80	20 - 1.00	3/4	19.00
1.1/8 - 12 UNF	1.3/64	26.50	10 - 1.50	Q	8.50	20 - 1.50	47/64	18.50
1.1/4 - 7 UNC	1.7/64	28.00	11 - 1.50	3/8	9.50	20 - 2.00	45/64	18.00
1.1/4 - 12 UNF	1.11/64	29.50	12 - 1.75	Y	10.20	22 - 1.00	53/64	21.00
1.3/8 - 6 UNC	1.7/32	30.75	14 - 2.00	15/32	12.00	22 - 1.50	13/16	20.50
1.3/8 - 12 UNF	1.19/64	32.75	16 - 2.00	35/64	14.00	22 - 2.00	25/32	20.00
1.1/2 - 6 UNC	1.11/32	34.00	18 - 2.50	39/64	15.50	24 - 1.00	29/32	23.00
1.1/2 - 12 UNF	1.27/64	36.00	20 - 2.50	11/16	17.50	24 - 1.50	7/8	22.50
1.3/4 - 5 UNC	1.9/16	39.50	22 - 2.50	49/64	19.50	24 - 2.00	55/64	22.00
2" - 4.1/2 UNC	1.25/32	45.00	24 - 3.00	53/64	21.00	24 - 2.50	27/32	21.50

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