

# Tap Drills

## American Standard Coarse Thread Series

## American Standard Fine Thread Series

Size	Threads per Inch	Tap Drill Size	Drill Diameter	Size	Threads per Inch	Tap Drill Size	Drill Diameter
1	64	No. 53	.0595	0	80	3/64	.0469
2	56	No. 50	.0700	1	72	No. 53	.0595
3	48	No. 47	.0785	2	64	No. 50	.0700
4	40	No. 43	.0890	3	56	No. 45	.0820
5	40	No. 38	.1015	4	48	No. 42	.0935
6	32	No. 36	.1065	5	44	No. 37	.1040
8	32	No. 29	.1360	6	40	No. 33	.1130
10	24	No. 25	.1495	8	36	No. 29	.1360
12	24	No. 16	.1770	10	32	No. 21	.1590
1/4	20	No. 7	.2010	12	28	No. 14	.1820
5/16	18	F	.2570	1/4	28	3	.2130
3/8	16	5/16	.3125	5/16	24	1	.2720
7/16	14	U	.3680	3/8	24	Q	.3320
1/2	13	27/64	.4219	7/16	20	25/64	.3906
9/16	12	31/64	.4844	1/2	20	29/64	.4531
5/8	11	17/32	.5312	9/16	18	33/64	.5166
3/4	10	21/32	.6562	5/8	18	37/64	.5781
7/8	9	49/64	.7656	3/4	16	11/16	.6875
1	8	7/8	.8750	7/8	14	13/16	.8125
				1	14	15/16	.9375

The tap drills listed are commercial sizes based upon an average of 75% thread depth

## Decimal Equivalents of Twist Drills

Size	Drill Diameter	Size	Drill Diameter	Size	Drill Diameter	Size	Drill Diameter	Size	Drill Diameter
1	.2280	17	.1730	33	.1130	49	.0730	65	.0350
2	.2210	18	.1695	34	.1110	50	.0700	66	.0330
3	.2130	19	.1660	35	.1100	51	.0670	67	.0320
4	.2090	20	.1610	36	.1065	52	.0635	68	.0310
5	.2055	21	.1590	37	.1040	53	.0595	69	.0292
6	.2040	22	.1570	38	.1015	54	.0550	70	.0280
7	.2010	23	.1540	39	.0995	55	.0520	71	.0260
8	.1990	24	.1520	40	.0980	56	.0465	72	.0250
9	.1960	25	.1495	41	.0960	57	.0430	73	.0240
10	.1935	26	.1470	42	.0935	58	.0420	74	.0225
11	.1910	27	.1440	43	.0890	59	.0410	75	.0210
12	.1890	28	.1405	44	.0860	60	.0400	76	.0200
13	.1850	29	.1360	45	.0820	61	.0390	77	.0180
14	.1820	30	.1285	46	.0810	62	.0380	78	.0160
15	.1800	31	.1200	47	.0785	63	.0370	79	.0145
16	.1770	32	.1160	48	.0760	64	.0360	80	.0135

## Letter Sizes

A	.234	G	.261	L	.290	Q	.332	V	.377
B	.238	H	.266	M	.295	R	.339	W	.386
C	.242	I	.272	N	.302	S	.348	X	.397
D	.246	J	.277	O	.316	T	.358	Y	.404
E	.250	K	.281	P	.323	U	.368	Z	.413
F	.257								

All dimensions are given in inches.



**electronic fasteners inc.**

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