

# MEASUREMENT COMPARISON CHART

Dennison Metric Table of Decimal Equivalents of 8th- 16th- 32nd and 64th of an inch	Decimal Inch Equivalent of the Numbers of Twist Drill and Steel Wire Gauge		Decimal Inch Equivalents of Millimeters and Fractional Parts of Millimeters				Metric and Dennison Mainspring Gauge	
	No.	Size in inches	mm	Inches	mm	Inches	Dennison Width	Metric
<b>8ths</b>								
1/8 ..... 125	1	2280					5/0	.50
1/4 ..... 250	2	2210	1-100	.00039	64-100	.02520	4/0	.60
3/8 ..... 375	3	2130	2-100	.00079	65-100	.02559	3/0	.70
1/2 ..... 500	4	2090	3-100	.00118	66-100	.02598	2/0-1/2	.75
5/8 ..... 625	5	2055	4-100	.00157	67-100	.02638	2/0	.80
3/4 ..... 750	6	2040	5-100	.00197	68-100	.02677	1/0-1/2	.85
7/8 ..... 875	7	2010	6-100	.00236	69-100	.02717	1/0	.90
	8	1990	7-100	.00276	70-100	.02756	1/2-0	.95
	9	1960	8-100	.00315	71-100	.02795	1	1.00
	10	1935	9-100	.00354	72-100	.02835	2	1.10
	11	1910	10-100	.00394	73-100	.02874	3	1.20
<b>16ths</b>	12	1890	11-100	.00433	74-100	.02913	4	1.30
1/16 ..... 0625	13	1850	12-100	.00472	75-100	.02953	5	1.40
3/16 ..... 1875	14	1820	13-100	.00512	76-100	.02992	6	1.50
5/16 ..... 3125	15	1800	14-100	.00551	77-100	.03032	7	1.60
7/16 ..... 4375	16	1770	15-100	.00591	78-100	.03071	8	1.70
9/16 ..... 5625	17	1730	16-100	.00630	79-100	.03110	9	1.80
11/16 ..... 6875	18	1695	17-100	.00669	80-100	.03150	10	1.90
13/16 ..... 8125	19	1660	18-100	.00709	81-100	.03189	11	2.00
15/16 ..... 9375	20	1610	19-100	.00748	82-100	.03228	12	2.10
	21	1590	20-100	.00787	83-100	.03268	13	2.20
	22	1570	21-100	.00827	84-100	.03307	14	2.30
<b>32nds</b>	23	1540	22-100	.00866	85-100	.03346	15	2.40
1/32 ..... 03125	24	1520	23-100	.00906	86-100	.03386	16	2.50
3/32 ..... 09375	25	1495	24-100	.00945	87-100	.03425	17	2.60
5/32 ..... 15625	26	1470	25-100	.00984	88-100	.03465	18	2.70
7/32 ..... 21875	27	1440	26-100	.01024	89-100	.03504	19	2.80
9/32 ..... 28125	28	1405	27-100	.01063	90-100	.03543	20	2.90
11/32 ..... 34375	29	1360	28-100	.01102	91-100	.03583	21	3.00
13/32 ..... 40625	30	1285	29-100	.01142	92-100	.03622	22	3.10
15/32 ..... 46875	31	1200	30-100	.01181	93-100	.03661	23	3.20
17/32 ..... 53125	32	1160	31-100	.01220	94-100	.03701	24	3.30
19/32 ..... 59375	33	1130	32-100	.01260	95-100	.03740	25	3.40
21/32 ..... 65625	34	1110	33-100	.01299	96-100	.03780	26	3.50
23/32 ..... 71875	35	1100	34-100	.01339	97-100	.03819	27	3.60
25/32 ..... 78125	36	1065	35-100	.01378	98-100	.03858	28	3.70
27/32 ..... 84375	37	1040	36-100	.01417	99-100	.03898	29	3.80
29/32 ..... 90625	38	1015	37-100	.01457	1	.03937	30	3.90
31/32 ..... 96875	39	0995	38-100	.01496	2	.07874	31	4.00
	40	0980	39-100	.01535	3	.11811	32	4.10
	41	0960	40-100	.01575	4	.15748	33	4.20
	42	0935	41-100	.01614	5	.19685	34	4.30
	43	0990	42-100	.01654	6	.23622	35	4.40
	44	0860	43-100	.01693	7	.27559	36	4.50
	45	0820	44-100	.01732	8	.31496	37	4.60
	46	0810	45-100	.01772	9	.35433	38	4.70
	47	0785	46-100	.01811	10	.39370	39	4.80
	48	0760	47-100	.01850	11	.43307	40	4.90
	49	0730	48-100	.01890	12	.47244	41	5.00
	50	0700	49-100	.01929	13	.51181	42	5.10
	51	0670	50-100	.01969	14	.55118	43	5.20
	52	0635	51-100	.02008	15	.59055		
	53	0595	52-100	.02047	16	.62992	<b>Strength</b>	
	54	0550	53-100	.02087	17	.66929	0000	.29
	55	0520	54-100	.02126	18	.70866	000	.27
	56	0465	55-100	.02165	19	.74803	00	.26
	57	0430	56-100	.02205	20	.78740	0	.25
	58	0400	57-100	.02244	21	.82677	0-1/2	.24
	59	0410	58-100	.02283	22	.86614	1	.23
	60	0390	59-100	.02323	23	.90551	2	.22
	61	0380	60-100	.02362	24	.94488	3	.21
	62	0370	61-100	.02402	25	.98425	3-1/2	.20
	63	0360	62-100	.02441	26	1.02362	4	.19
	64	0360	63-100	.02480			5	.18
	65	0350					6	.17
	66	0330					6-1/2	.16
	67	0320					7	.15
	68	0310					8	.14
	69	0292					9	.13
	70	0280					9-1/2	.12
	71	0260					10	.11
	72	0250					11	.10
	73	0240					12	.09
	74	0225					12-1/4	.0875
	75	0210					12-1/2	.0850
	76	0200					12-3/4	.0825
	77	0180					13	.08
	78	0160					14	.07
	79	0145					15	.06
	80	0135					16	.05



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