



# Coposite of Inch and Metric Drill Sizes



Drill Designation			Size		Drill Designation			Size		Drill Designation			Size	
Inch Series		Metric Series	Inches Dec. Equiv.	mm	Inch Series		Metric Series	Inches Dec. Equiv.	mm	Inch Series		Metric Series	Inches Dec. Equiv.	mm
Number or Letter Size	Fraction				Number or Letter Size	Fraction				Number or Letter Size	Fraction			
80	—	—	.0135	.343	—	—	.0625	1.587	—	—	3.50	.1378	3.500	
—	—	0.35	.0138	.350	52	1/16	1.60	.0630	1.600	28	—	—	.1405	3.569
79	—	—	.0145	.368	—	—	—	.0635	1.613	—	9/64	—	.1406	3.571
—	1/64	—	.0156	.396	—	—	1.65	.0650	1.650	27	—	3.60	.1417	3.600
—	—	0.40	.0158	.400	—	—	1.70	.0669	1.700	—	—	—	.1440	3.658
78	—	—	.0160	.406	51	—	—	.0670	1.702	—	—	3.70	.1457	3.700
—	—	0.45	.0177	.450	—	—	1.75	.0689	1.750	26	—	—	.1470	3.734
77	—	—	.0180	.457	50	—	—	.0700	1.778	—	—	3.75	.1476	3.750
—	—	0.50	.0197	.500	—	—	1.80	.0709	1.800	25	—	—	.1495	3.797
76	—	—	.0200	.508	—	—	1.85	.0728	1.850	—	—	3.80	.1496	3.800
—	—	0.52	.0205	.520	49	—	—	.0730	1.854	24	—	—	.1520	3.861
75	—	—	.0210	.533	—	—	1.90	.0748	1.900	—	—	3.90	.1535	3.900
—	—	0.55	.0217	.550	48	—	—	.0760	1.930	23	—	—	.1540	3.912
74	—	—	.0225	.572	—	5/64	—	.0768	1.950	—	5/32	—	.1562	3.967
—	—	0.58	.0228	.580	—	—	—	.0781	1.984	22	—	—	.1570	3.988
—	—	0.60	.0236	.600	47	—	—	.0785	1.994	—	—	4.00	.1575	4.000
73	—	—	.0240	.610	—	—	2.00	.0787	2.000	21	—	—	.1590	4.039
—	—	0.62	.0244	.620	—	—	2.05	.0807	2.050	20	—	—	.1610	4.089
72	—	—	.0250	.635	46	—	—	.0810	2.057	—	—	4.10	.1614	4.100
—	—	0.65	.0256	.650	45	—	—	.0820	2.083	—	—	4.20	.1654	4.200
71	—	—	.0260	.660	—	—	2.10	.0827	2.100	19	—	—	.1660	4.216
—	—	0.70	.0276	.700	—	—	2.15	.0846	2.150	—	—	4.25	.1673	4.250
70	—	—	.0280	.711	44	—	—	.0860	2.184	—	—	4.30	.1693	4.300
69	—	—	.0292	.742	—	—	2.20	.0866	2.200	18	—	—	.1695	4.305
—	—	0.75	.0295	.750	—	—	2.25	.0886	2.250	—	11/64	—	.1719	4.366
68	—	—	.0310	.787	43	—	—	.0890	2.261	17	—	—	.1730	4.394
—	1/32	—	.0312	.792	—	—	2.30	.0906	2.300	—	—	4.40	.1732	4.400
—	—	0.80	.0315	.800	—	—	2.35	.0925	2.350	16	—	—	.1770	4.486
67	—	—	.0320	.813	42	—	—	.0935	2.375	—	—	4.50	.1772	4.500
66	—	—	.0330	.838	—	3/32	—	.0937	2.380	15	—	—	.1800	4.572
—	—	0.85	.0335	.850	—	—	2.40	.0945	2.400	—	—	4.60	.1811	4.600
65	—	—	.0350	.889	41	—	—	.0960	2.438	14	—	—	.1820	4.623
—	—	0.90	.0354	.900	—	—	2.45	.0965	2.450	13	—	—	.1850	4.700
64	—	—	.0360	.914	40	—	—	.0980	2.489	—	—	4.70	.1850	4.700
63	—	—	.0370	.940	—	—	2.50	.0984	2.500	—	—	4.75	.1870	4.750
—	—	0.95	.0374	.950	39	—	—	.0995	2.527	—	3/16	—	.1875	4.762
62	—	—	.0380	.965	38	—	—	.1015	2.578	12	—	—	.1890	4.800
61	—	—	.0390	.991	—	—	2.60	.1024	2.600	—	—	4.80	.1890	4.800
60	—	1.00	.0394	1.000	37	—	—	.1040	2.642	11	—	—	.1910	4.851
—	—	—	.0400	1.016	—	—	2.70	.1063	2.700	—	—	4.90	.1929	4.900
59	—	—	.0410	1.041	36	—	—	.1065	2.705	10	—	—	.1935	4.915
—	—	1.05	.0413	1.050	—	—	2.75	.1083	2.750	9	—	—	.1960	4.978
58	—	—	.0420	1.069	—	7/64	—	.1094	2.779	—	—	5.00	.1968	5.000
57	—	—	.0430	1.092	35	—	—	.1100	2.794	8	—	—	.1990	5.050
—	—	1.10	.0433	1.100	—	—	2.80	.1102	2.800	—	—	—	.2000	5.080
—	—	1.15	.0453	1.150	34	—	—	.1110	2.819	—	—	5.10	.2008	5.100
56	—	—	.0465	1.181	33	—	—	.1130	2.870	7	—	—	.2010	5.105
—	3/64	—	.0469	1.191	—	—	2.90	.1142	2.900	—	13/64	—	.2031	5.159
—	—	1.20	.0472	1.200	32	—	—	.1160	2.946	6	—	—	.2040	5.182
—	—	1.25	.0492	1.250	—	—	3.00	.1181	3.000	—	—	5.20	.2047	5.200
—	—	1.30	.0512	1.300	31	—	—	.1200	3.048	5	—	—	.2055	5.220
55	—	—	.0520	1.321	—	—	3.10	.1220	3.100	—	—	5.25	.2067	5.250
—	—	1.35	.0531	1.350	—	1/8	—	.1250	3.175	4	—	—	.2087	5.300
54	—	—	.0550	1.397	—	—	3.20	.1260	3.200	—	—	—	.2090	5.309
—	—	1.40	.0551	1.400	—	—	3.25	.1280	3.250	—	—	5.40	.2126	5.400
—	—	1.45	.0571	1.450	30	—	—	.1285	3.264	3	—	—	.2130	5.410
—	—	1.50	.0591	1.500	—	—	3.30	.1299	3.300	—	—	5.50	.2165	5.500
53	—	—	.0595	1.511	—	—	3.40	.1339	3.400	—	7/32	—	.2187	5.555
—	—	1.55	.0610	1.550	29	—	—	.1360	3.454	—	—	5.60	.2205	5.600



# Composite of Inch and Metric Drill Sizes



Drill Designation			Size		Drill Designation			Size		Drill Designation			Size	
Inch Series		Metric Series	Inches Dec. Equiv.	mm	Inch Series		Metric Series	Inches Dec. Equiv.	mm	Inch Series		Metric Series	Inches Dec. Equiv.	mm
Number or Letter Size	Fraction				Number or Letter Size	Fraction				Number or Letter Size	Fraction			
2	—	—	.2210	5.613	R	—	—	.3390	8.611	—	—	—	—	
—	—	5.70	.2244	5.700	—	—	8.70	.3425	8.700	37/64	—	.5781	14.684	
1	—	5.75	.2264	5.750	—	11/32	—	.3437	8.730	—	14.75	.5807	14.750	
—	—	—	.2280	5.791	—	—	8.75	.3445	8.750	19/32	—	.5937	15.080	
—	—	5.80	.2283	5.800	—	—	8.80	.3165	8.800	—	15.25	.6004	15.250	
—	—	5.90	.2323	5.900	S	—	—	.3480	8.839	39/64	—	.6094	15.479	
A	—	—	.2340	5.944	—	—	8.90	.3504	8.900	—	15.50	.6102	15.500	
—	15/64	—	.2344	5.954	—	—	9.00	.3543	9.000	—	15.75	.6201	15.750	
—	—	6.00	.2362	6.000	T	—	—	.3580	9.093	5/8	—	.6250	15.875	
B	—	—	.2380	6.045	—	—	9.10	.3583	9.100	—	16.00	.6299	16.000	
—	—	6.10	.2402	6.100	—	23/64	—	.3594	9.129	—	16.25	.6398	16.250	
—	—	—	.2420	6.147	—	—	9.20	.3622	9.200	41/64	—	.6406	16.271	
—	—	6.20	.2441	6.200	—	—	9.25	.3642	9.250	—	16.50	.6496	16.500	
D	—	—	.2460	6.248	—	—	9.30	.3661	9.300	21/32	—	.6562	16.667	
—	—	6.25	.2461	6.250	—	—	—	.3680	9.347	—	16.75	.6595	16.750	
—	—	6.30	.2480	6.300	U	—	—	.3701	9.400	—	17.00	.6693	17.000	
E	1/4	—	.2500	6.350	—	—	9.40	.3701	9.400	—	17.00	.6693	17.000	
—	—	6.40	.2520	6.400	—	3/8	—	.3740	9.500	43/64	—	.6719	17.066	
—	—	6.50	.2559	6.500	—	—	—	.3750	9.525	—	17.25	.6791	17.250	
F	—	—	.2570	6.528	V	—	—	.3770	9.576	11/16	—	.6875	17.462	
—	—	6.60	.2598	6.600	—	—	9.60	.3780	9.600	—	17.500	.6890	17.500	
—	—	—	.2610	6.629	—	—	9.70	.3819	9.700	—	17.75	.6988	17.750	
G	—	6.70	.2638	6.700	—	—	9.75	.3839	9.750	45/64	—	.7031	17.859	
—	17/64	—	.2656	6.746	—	—	9.80	.3858	9.800	—	18.00	.7087	18.000	
—	—	6.75	.2657	6.750	—	—	—	.3860	9.804	—	18.25	.7185	18.250	
—	—	6.80	.2677	6.800	W	—	—	.3898	9.900	23/32	—	.7187	18.255	
—	—	6.90	.2717	6.900	—	25/64	—	.3906	9.921	—	18.50	.7283	18.500	
—	—	7.00	.2720	6.909	—	—	10.00	.3937	10.000	47/64	—	.7344	18.654	
—	—	7.00	.2756	7.000	X	—	—	.3970	10.084	—	18.75	.7382	18.750	
—	—	7.10	.2795	7.100	—	—	10.10	.3976	10.100	—	19.00	.7480	19.000	
—	—	7.20	.2812	7.142	—	—	10.25	.4035	10.250	3/4	—	.7500	19.050	
—	—	7.20	.2835	7.200	Y	—	—	.4040	10.262	—	19.25	.7579	19.250	
—	—	7.25	.2854	7.250	—	13/32	—	.4062	10.317	49/64	—	.7656	19.446	
—	—	7.30	.2874	7.300	—	—	—	.4130	10.490	—	19.50	.7677	19.500	
—	—	7.40	.2913	7.400	—	—	10.50	.4134	10.500	—	19.75	.7776	19.750	
—	—	7.40	.2950	7.493	—	27/64	—	.4219	10.716	25/32	—	.7812	19.842	
—	—	7.50	.2953	7.500	—	—	10.75	.4232	10.750	—	20.00	.7874	20.000	
—	—	7.60	.2969	7.541	—	—	11.00	.4331	11.000	51/64	—	.7969	20.241	
—	—	7.60	.2992	7.600	—	7/16	—	.4375	11.112	—	20.50	.8071	20.500	
—	—	7.70	.3020	7.671	—	—	11.25	.4429	11.250	13/16	—	.8125	20.637	
—	—	7.70	.3031	7.700	—	—	11.50	.4528	11.500	—	21.00	.8268	21.000	
—	—	7.75	.3051	7.750	—	29/64	—	.4531	11.509	53/64	—	.8281	21.034	
—	—	7.80	.3071	7.800	—	—	11.75	.4626	11.750	27/32	—	.8437	21.430	
—	—	7.90	.3110	7.900	—	15/32	—	.4687	11.905	—	21.50	.8465	21.500	
—	—	8.00	.3125	7.937	—	—	12.00	.4724	12.000	55/64	—	.8594	21.829	
—	5/16	—	.3150	8.000	—	—	12.25	.4823	12.250	—	22.00	.8661	22.000	
—	—	8.00	.3150	8.000	—	31/64	—	.4844	12.304	7/8	—	.8750	22.225	
—	—	8.10	.3189	8.100	—	—	12.50	.4921	12.500	—	22.50	.8858	22.500	
—	—	8.20	.3228	8.200	—	1/2	—	.5000	12.700	57/64	—	.8906	22.621	
—	—	8.20	.3230	8.204	—	—	12.75	.5020	12.750	—	23.00	.9055	23.000	
—	—	8.25	.3248	8.250	—	—	13.00	.5118	13.000	29/32	—	.9062	23.017	
—	—	8.30	.3268	8.300	—	33/64	—	.5156	13.096	59/64	—	.9219	23.416	
—	—	8.40	.3307	8.400	—	—	13.25	.5217	13.250	—	23.50	.9250	23.500	
—	—	8.50	.3346	8.500	—	17/32	—	.5312	13.482	15/16	—	.9375	23.812	
—	—	8.60	.3385	8.600	—	—	13.50	.5315	13.500	—	24.00	.9449	24.000	
—	—	8.70	.3424	8.700	—	—	13.75	.5413	13.750	61/64	—	.9531	24.209	
—	—	8.80	.3463	8.800	—	35/64	—	.5469	13.891	—	24.50	.9646	24.500	
—	21/64	—	.3482	8.840	—	—	14.00	.5512	14.000	—	24.50	.9687	24.605	
—	—	8.90	.3521	8.900	—	—	14.25	.5610	14.250	31/32	—	.9843	25.000	
—	—	9.00	.3560	9.000	—	9/16	—	.5625	14.287	—	25.00	.9844	25.004	
—	—	9.10	.3599	9.100	—	—	14.50	.5709	14.500	63/64	—	.9844	25.004	
—	—	9.20	.3638	9.200	—	—	—	.5709	14.500	1	25.40	1.000	25.400	