

REFERENCE CHART — INCH & METRIC

Fractional to Decimal to Millimeter

MM to Inch

FRACTIONAL TO DECIMAL TO MILLIMETER			FRACTIONAL TO DECIMAL TO MILLIMETER			MM TO INCH		MM TO INCH		
	DECIMALS	MILLIMETERS		DECIMALS	MILLIMETERS	MM	INCHES	MM	INCHES	
	$\frac{1}{64}$	0.015625	0.397	$\frac{33}{64}$	0.515625	13.097	.1	.0039	46	1.8110
	$\frac{1}{32}$	.03125	0.794	$\frac{17}{32}$	.53125	13.494	.2	.0079	47	1.8504
	$\frac{3}{64}$	.046875	1.191	$\frac{35}{64}$	.546875	13.891	.3	.0118	48	1.8898
$\frac{1}{16}$	$\frac{5}{64}$	.0625	1.588	$\frac{9}{16}$	.5625	14.288	.4	.0157	49	1.9291
	$\frac{7}{64}$	.078125	1.984	$\frac{19}{64}$	.578125	14.684	.5	.0197	50	1.9685
$\frac{3}{32}$	$\frac{9}{64}$	.09375	2.381	$\frac{37}{64}$	.59375	15.081	.6	.0236	51	2.0079
$\frac{1}{8}$	$\frac{11}{64}$	.109375	2.778	$\frac{19}{32}$	.59375	15.081	.7	.0276	52	2.0472
	$\frac{13}{64}$	.1250	3.175	$\frac{39}{64}$	.609375	15.478	.8	.0315	53	2.0866
	$\frac{15}{64}$	.140625	3.572	$\frac{41}{64}$	.6250	15.875	.9	.0354	54	2.1260
$\frac{5}{32}$	$\frac{17}{64}$	.15625	3.969	$\frac{21}{32}$	.640625	16.272	1	.0394	55	2.1654
	$\frac{19}{64}$	.171875	4.366	$\frac{43}{64}$	.640625	16.272	2	.0433	56	2.2047
$\frac{3}{16}$	$\frac{21}{64}$	.1875	4.763	$\frac{45}{64}$	.65625	16.669	3	.0472	57	2.2441
	$\frac{23}{64}$	.203125	5.159	$\frac{11}{16}$	.671875	17.066	4	.0511	58	2.2835
$\frac{7}{32}$	$\frac{25}{64}$	.21875	5.556	$\frac{23}{32}$	.6875	17.463	5	.0551	59	2.3228
$\frac{1}{4}$	$\frac{27}{64}$	.234375	5.953	$\frac{47}{64}$	.703125	17.859	6	.0590	60	2.3622
	$\frac{29}{64}$	.2500	6.350	$\frac{49}{64}$	.71875	18.256	7	.0629	61	2.4016
	$\frac{17}{32}$	.265625	6.747	$\frac{25}{32}$	.734375	18.653	8	.0669	62	2.4409
$\frac{9}{32}$	$\frac{19}{64}$	.28125	7.144	$\frac{51}{64}$	.7500	19.050	9	.0708	63	2.4803
	$\frac{21}{64}$	.296875	7.541	$\frac{13}{16}$	.765625	19.447	10	.0748	64	2.5197
$\frac{5}{16}$	$\frac{23}{64}$	.3125	7.938	$\frac{27}{32}$	.78125	19.844	11	.0787	65	2.5591
	$\frac{25}{64}$	.328125	8.334	$\frac{53}{64}$	.796875	20.241	12	.0826	66	2.5984
$\frac{11}{32}$	$\frac{27}{64}$	.34375	8.731	$\frac{13}{16}$	.8125	20.638	13	.0866	67	2.6378
$\frac{3}{8}$	$\frac{29}{64}$	.359375	9.128	$\frac{27}{32}$	.828125	21.034	14	.0905	68	2.6772
	$\frac{31}{64}$	.3750	9.525	$\frac{55}{64}$	.84375	21.431	15	.0944	69	2.7165
	$\frac{13}{32}$	.390625	9.922	$\frac{57}{64}$	.859375	21.828	16	.0983	70	2.7559
	$\frac{15}{32}$	.40625	10.319	$\frac{29}{32}$	.8750	22.225	17	.1022	71	2.7953
	$\frac{27}{64}$	.421875	10.716	$\frac{59}{64}$	.890625	22.622	18	.1061	72	2.8346
$\frac{7}{16}$	$\frac{29}{64}$	.4375	11.113	$\frac{15}{16}$	.90625	23.019	19	.1100	73	2.8740
	$\frac{31}{64}$	.453125	11.509	$\frac{31}{32}$	.921875	23.416	20	.1139	74	2.9134
	$\frac{15}{32}$	.46875	11.906	$\frac{61}{64}$	.9375	23.813	21	.1178	75	2.9528
$\frac{1}{2}$	$\frac{31}{64}$	.484375	12.303	$\frac{29}{32}$	.953125	24.209	22	.1217	76	2.9921
	$\frac{1}{2}$	.5000	12.700	$\frac{63}{64}$	.96875	24.606	23	.1256	77	3.0315
				1	1.000	25.400	24	.1295	78	3.0709
							25	.1334	79	3.1102
							26	.1373	80	3.1496
							27	.1412	81	3.1890
							28	.1451	82	3.2283
							29	.1490	83	3.2677
							30	.1529	84	3.3071
							31	.1568	85	3.3465
							32	.1607	86	3.3858
							33	.1646	87	3.4252
							34	.1685	88	3.4646
							35	.1724	89	3.5039
							36	.1763	90	3.5433
							37	.1802	91	3.5827
							38	.1841	92	3.6220
							39	.1880	93	3.6614
							40	.1919	94	3.7008
							41	.1958	95	3.7402
							42	.1997	96	3.7795
							43	.2036	97	3.8189
							44	.2075	98	3.8583
							45	.2114	99	3.8976
									100	3.9370

1 mm = .03937"

.001" = .254 mm