

## Fractional, Decimal and Millimeter Equivalents

		Decimals	Millimeters			Decimals	Millimeters	mm	inches	mm	inches
	$\frac{1}{64}$	.015625	0.397		$\frac{33}{64}$	.515625	13.097	0.1	.0039	46	1.8110
	$\frac{1}{32}$	.03125	0.794		$\frac{17}{32}$	.53125	13.494	0.2	.0079	47	1.8504
	$\frac{3}{64}$	.046875	1.191		$\frac{35}{64}$	.546875	13.891	0.3	.0118	48	1.8898
$\frac{1}{16}$	$\frac{5}{64}$	.078125	1.984		$\frac{19}{32}$	.59375	15.081	0.4	.0157	49	1.9291
	$\frac{7}{64}$	.109375	2.778		$\frac{39}{64}$	.609375	15.478	0.5	.0197	50	1.9685
$\frac{1}{8}$	$\frac{9}{64}$	.140625	3.572		$\frac{41}{64}$	.640625	16.272	0.6	.0236	51	2.0079
	$\frac{11}{64}$	.171875	4.366		$\frac{21}{32}$	.65625	16.669	0.7	.0276	52	2.0472
$\frac{3}{16}$	$\frac{13}{64}$	.203125	5.159		$\frac{43}{64}$	.671875	17.066	0.8	.0315	53	2.0866
	$\frac{15}{64}$	.234375	5.953		$\frac{45}{64}$	.703125	17.859	0.9	.0354	54	2.1260
$\frac{1}{4}$	$\frac{17}{64}$	.265625	6.747		$\frac{23}{32}$	.71875	18.256	1	.0394	55	2.1654
	$\frac{19}{64}$	.296875	7.541		$\frac{47}{64}$	.734375	18.653	2	.0787	56	2.2047
$\frac{5}{16}$	$\frac{21}{64}$	.328125	8.334		$\frac{49}{64}$	.765625	19.447	3	.1181	57	2.2441
	$\frac{23}{64}$	.359375	9.128		$\frac{25}{32}$	.78125	19.844	4	.1575	58	2.2835
$\frac{3}{8}$	$\frac{25}{64}$	.390625	9.922		$\frac{51}{64}$	.796875	20.241	5	.1969	59	2.3228
	$\frac{27}{64}$	.421875	10.716		$\frac{13}{16}$	.8125	20.638	6	.2362	60	2.3622
$\frac{7}{16}$	$\frac{29}{64}$	.453125	11.509		$\frac{27}{32}$	.84375	21.431	7	.2756	61	2.4016
	$\frac{31}{64}$	.484375	12.303		$\frac{55}{64}$	.859375	21.828	8	.3150	62	2.4409
$\frac{1}{2}$		.5000	12.700		$\frac{57}{64}$	.890625	22.622	9	.3543	63	2.4803
					$\frac{29}{32}$	.90625	23.019	10	.3937	64	2.5197
					$\frac{59}{64}$	.921875	23.416	11	.4331	65	2.5591
					$\frac{15}{16}$	.9375	23.813	12	.4724	66	2.5984
					$\frac{61}{64}$	.953125	24.209	13	.5118	67	2.6378
					$\frac{31}{32}$	.96875	24.606	14	.5512	68	2.6772
					$\frac{63}{64}$	.984375	25.003	15	.5906	69	2.7165
					$\frac{1}{1}$	1.000	25.400	16	.6299	70	2.7559
								17	.6693	71	2.7953
								18	.7087	72	2.8346
								19	.7480	73	2.8740
								20	.7874	74	2.9134
								21	.8268	75	2.9528
								22	.8661	76	2.9921
								23	.9055	77	3.0315
								24	.9449	78	3.0709
								25	.9843	79	3.1102
								26	1.0236	80	3.1496
								27	1.0630	81	3.1890
								28	1.1024	82	3.2283
								29	1.1417	83	3.2677
								30	1.1811	84	3.3071
								31	1.2205	85	3.3465
								32	1.2598	86	3.3858
								33	1.2992	87	3.4252
								34	1.3386	88	3.4646
								35	1.3780	89	3.5039
								36	1.4173	90	3.5433
								37	1.4567	91	3.5827
								38	1.4961	92	3.6220
								39	1.5354	93	3.6614
								40	1.5748	94	3.7008
								41	1.6142	95	3.7402
								42	1.6535	96	3.7795
								43	1.6929	97	3.8189
								44	1.7323	98	3.8583
								45	1.7717	99	3.8976
								100	1.8110	100	3.9370

1 mm = .03937"

.001" = .0254 mm

When You Know	Multiply by	To Find
Inches (in)	2.54	Centimeters (cm)
Feet (ft)	30.48	Centimeters (cm)
Yards (yds)	0.9	Meters (m)
Miles (mi)	1.6	Kilometers (km)