

# Decimal & Metric Equivalents of Common Fractions of an Inch

64 ths	32 nds	16 ths	8 ths	Decimal	Mm
1/64	1/32	1/16		0.01562	0.397
3/64				0.03125	0.794
5/64	0.04688			1.191	
7/64	0.06250			1.588	
9/64	3/32	3/16	1/8	0.07812	1.984
11/64				0.09375	2.381
13/64	0.10938			2.778	
15/64	0.12500			3.175	
17/64	0.14062			3.572	
19/64	0.15625			3.969	
21/64	0.17188			4.366	
23/64	0.18750			4.763	
25/64	7/32	5/16	1/4	0.20312	5.159
27/64				0.21875	5.556
29/64	0.23438			5.953	
31/64	0.25000			6.350	
33/64	9/32	7/16	3/8	0.26562	6.747
35/64				0.28125	7.144
37/64	0.29688			7.541	
39/64	0.31250			7.938	
41/64	0.32812			8.334	
43/64	0.34375			8.731	
45/64	0.35938			9.128	
47/64	0.37500			9.525	
49/64	13/32	9/16	1/2	0.39062	9.922
51/64				0.40625	10.319
53/64	0.42188			10.716	
55/64	0.43750			11.113	
57/64	15/32	11/16	5/8	0.45312	11.509
59/64				0.46875	11.906
61/64	0.48438			12.303	
63/64	0.50000			12.700	
	0.51562			13.097	
	0.53125			13.494	
	0.54688			13.891	
	0.56250			14.288	
	0.57812	14.684			
	0.59375	15.081			
	0.60938	15.478			
	0.62500	15.875			
	0.64062	16.272			
	0.65625	16.669			
	0.67188	17.066			
	0.68750	17.463			
	0.70312	17.859			
	0.71875	18.256			
	0.73438	18.653			
	0.75000	19.050			
	0.76562	19.447			
	0.78125	19.844			
	0.79688	20.241			
	0.81250	20.638			
	0.82812	21.034			
	0.84375	21.431			
	0.85938	21.828			
	0.87500	22.225			
	0.89062	22.622			
	0.90625	23.019			
	0.92188	23.416			
	0.93750	23.813			
	0.95312	24.209			
	0.96875	24.606			
	0.98438	25.003			
	1.00000	25.400			

## CONVERSIONS

From English to Metric Units

**Pressure**  
 1 PSI = 0.06897 bar  
 1 bar = 14.5 PSI

**Measurements**  
 1 inch = 2.54 cm.  
 1 cm. = .3937 in.

**Volume**  
 1 CFM = 28.03 liters/min.  
 1 liter/min. = .0356 CFM



# Metric & English Conversion Table

## Linear Measure

1 kilometer = 0.6214 mile	1 mile = 1.609 kilometer.
1 meter = $\begin{cases} 39.37 \text{ inches} \\ 3.2808 \text{ feet.} \\ 1.0936 \text{ yard.} \end{cases}$	1 yard = 0.9144 meter. 1 foot = 0.3048 meter. 1 foot = 304.8 millimeters .
1 centimeter = 0.3937 inch	1 inch = 2.54 centimeters.
1 millimeter = 0.03937 inch	1 inch = 25.4 millimeters

## Square Measure

1 square kilometer = 0.3861 square mile = 247.1 acres.
1 hectare = 2.471 acres = 107,640 square feet.
1 are = 0.0247 acre = 1076.4 square feet.
1 square meter = 10.764 square feet = 1.196 square yard.
1 square centimeter = 0.155 square inch.
1 square millimeter = 0.00155 square inch.
1 square mile = 2.5899 square kilometers.
1 acre = 0.4047 hectare = 40.47 ares.
1 square yard = 0.836 square meter.
1 square foot = 0.0929 square meter = 929 square centimeters.
1 square inch = 6.452 square centimeters = 645.2 square millimeters.

## Cubic Measure

1 cubic meter = 35.314 cubic feet = 1.308 cubic yard.
1 cubic meter = 264.2 U. S. gallons.
1 cubic centimeter = 0.061 cubic inch.
1 liter (cubic decimeter) = 0.0353 cubic foot = 61.023 cubic inches.
1 liter = 0.2642 U.S. gallon = 1.0567 U.S. quart.
1 cubic yard = 0.7645 cubic meter.
1 cubic foot = 0.02832 cubic meter = 28.317 liters.
1 cubic inch = 16.38716 cubic centimeters.
1 U.S. gallon = 3.785 liters .
1 U.S. quart = 0.946 liter.

## Weight

1 metric ton = 0.9842 gross ton (2240 pounds) = 1.1023 net ton (of 2000 pounds) .
1 kilogram = 2.2046 pounds = 35.274 ounces avoirdupois.
1 gram = 0.03215 ounce troy = 0.03527 ounce avoirdupois.
1 gram = 15,432 grains.
1 net ton (of 2000 pounds) = .9072 metric ton = 907.2 kilograms.
1 gross ton (of 2240 pounds) = 1.016 metric ton = 1016 kilograms.
1 pound = 0.4536 kilogram = 453.6 grams.
1 ounce avoirdupois = 28.35 grams.
1 ounce troy = 31.103 grams.
1 grain = 0.0648 gram.

