



## Key to measurements

All capacities and measurements in the catalog are expressed in uniform values.

The conversion chart provides helpful information for their translation into equivalent systems.

FDM Conversion Chart		
Inches	Decimal	mm
1/16	0.06	1,59
1/8	0.13	3,18
3/16	0.19	4,76
1/4	0.25	6,35
5/16	0.31	7,94
3/8	0.38	9,53
7/16	0.44	11,11
1/2	0.50	12,70
9/16	0.56	14,29
5/8	0.63	15,88
11/16	0.69	17,46
3/4	0.75	19,05
13/16	0.81	20,64
7/8	0.88	22,23
15/16	0.94	23,81
1	1.00	25,40

### Pressure:

1 psi	= 0,069 bar
1 bar	= 14,50 psi
	= 10 N/cm <sup>2</sup>
1 kPa	= 0,145 psi
1 MPa	= 145 psi

### Volume:

1 in <sup>3</sup>	= 16,387 cm <sup>3</sup>
1 cm <sup>3</sup>	= 0,061 in <sup>3</sup>
1 liter	= 61,02 in <sup>3</sup>
	= 0,264 gal
1 US gal	= 3,785 cm <sup>3</sup>
	= 3,785 l
	= 231 in <sup>3</sup>

### Force:

1 lbf	= 4.45 N
1 klbf	= 1000 lbf
1 kN	= 1000 N

### Other measurements:

1 in	= 25,4 mm
1 mm	= 0,039 in
1 ft	= 0,3048 m
1 m	= 3,2808 ft
1 in <sup>2</sup>	= 6,452 cm <sup>2</sup>
1 cm <sup>2</sup>	= 0,155 in <sup>2</sup>
1 hp	= 0,746 kW
1 kW	= 1,340 hp
1 Nm	= 0,738 Ft.lbs
1 Ft.lbs	= 1,356 Nm
1 kN	= 224,82 lbs
1 lb	= 4,448 N

### Weight:

1 pound (lb)	= 0,4536 kg
1 kg	= 2,205 lbs
1 metric ton	= 2205 lbs
	= 1000 kg
1 ton (short)	= 2000 lbs
	= 907,18 kg

### Temperature:

To Convert °C to °F:  
 $T^{\circ}\text{F} = (T^{\circ}\text{C} \times 1,8) + 32$

To Convert °F to °C:  
 $T^{\circ}\text{C} = (T^{\circ}\text{F} - 32) \div 1,8$



### Free Conversion Calculator

Visit [enerpac.com](http://enerpac.com) and download the free conversion calculator.

## Torque Conversion Factors

Units to be converted	International System - S.I. Nm	Imperial Lbf.ft	Metric kgf.m
1 Ft.lbs	1,356	1,000	0,138
1 Nm	1,000	0,738	0,102
1 kgf.m	9,807	7,233	1,000