

CONVERSION TABLE

QUANTITY	SI UNITS	ALT. UNITS	CONVERSION
LENGTH	millimeter (mm)	inch (in)	1 in = 25.4 mm
	centimeter (cm)	foot (ft) [1 ft = 12 in]	1 ft = 30.48 cm
	meter (m)	yard (yd) [1 yd = 3 ft]	1 m = 1.0936 yd
AREA	square millimeter (mm ²)	square inch (in ²)	1 in ² = 645.15 mm ²
	square meter (m ²)	square feet(ft ²)	1 m ² = 10.76 ft ²
	hectare (ha) [10,000m ²]	acre	1 ha = 2.471 acre
VOLUME	millilitre (ml) [10 ⁻³ l]	cubic inch (in ³)	1 in ³ = 16.387 ml
		drops of ISO (VG 46) oil	1 ml = 15 dpm (aprx)
	litre (l) [10 ⁻³ m ³]	UK gallon (UKgal)	1 UKgal = 4.546 l
		US gallon (USgal)	1 USgal = 3.785 l
MASS	gram (g)	ounce (oz)	1 oz = 28.35 g
	kilogram (kg) [1000 g]	pound (lb) [16 oz]	1 kg = 2.205 lb
	tonne (t) [1000 kg]	Imperial ton [2240 lb]	1 ton = 1.016 t
TEMPERATURE	Celsius (°C)	Fahrenheit(°F)	1 °F = 1.8 °C + 32
FORCE	Newton (N) [kgm/s ²]	kilogram force (kgf)	1 kgf = 9.807 N
		pound force (lbf) [lb/s ²]	1 lbf = 4.448 N
PRESSURE	Pascal (Pa) [N/m ²]	millibar (mbar)	1 mbar = 100 Pa
	kilopascal (kPa)	bar	1 bar = 100kPa = 14.5psi
		psi (lbf/in ²)	1 psi = 6.897 kPa
	MegaPascal (MPa) [N/mm ²]	bar	1 MPa = 10 bar
		psi (lbf/in ²)	1 MPa = 145 psi
		tonf/in ²	1 tonf/in ² = 15.45 MPa
FLOW RATE	litre/min (lpm)	UKgal/min	1 UKgal/min = 4.55lpm
		USgal/min	1 USgal/min = 3.79lpm
TORQUE	Newton meter (Nm)	pound force feet (lbf.ft)	1 lbf.ft = 1.356 Nm
POWER	kiloWatt (kW) [1000Nm/s]	horsepower (hp)	1kW = 1.341 hp
		metric horse power (CV)	1 kW = 1.36 CV