

## CONVERSION FACTORS

<b>LENGTH</b>	in. (inch)	multiplied by	25.4	equals	mm. (millimeter)
	mm. (millimeter)	multiplied by	.03937	equals	in. (inch)
	in. (inch)	multiplied by	2.54	equals	cm. (centimeter)
	cm. (centimeter)	multiplied by	.3937	equals	in. (inch)
	in. (inch)	multiplied by	.0254	equals	m. (meter)
	m. (meter)	multiplied by	39.37	equals	in. (inch)
<b>FORCE</b>	lb. (pound)	multiplied by	4.448	equals	N. (Newton)
	N. (Newton)	multiplied by	.2248	equals	lb. (pound)
<b>ENERGY</b>	in.-lbs. (inch-pounds)	multiplied by	.11298	equals	Nm. (Newton-meter)
	Nm. (Newton-meter)	multiplied by	8.8507	equals	in.-lbs. (inch-pounds)
<b>VELOCITY</b>	in./sec. (inches/second)	multiplied by	2.54	equals	cm./sec. (centimeters/second)
	cm./sec. (centimeters/second)	multiplied by	.3937	equals	in./sec. (inches/second)
	ft./sec. (feet/second)	multiplied by	.3048	equals	m./sec. (meters/second)
	m./sec. (meters/second)	multiplied by	3.2808	equals	ft./sec. (feet/second)
<b>PRESSURE</b>	psi. (pounds/square inch)	multiplied by	6.895	equals	kPa. (Kilopascals)
	kPa. (Kilopascals)	multiplied by	.14504	equals	psi. (pounds/square inch)
<b>TEMPERATURE</b>	F° (Fahrenheit) degrees	equals	$(9/5 \times C^{\circ}) + 32$ or $(1.8 \times C^{\circ}) + 32$		
	C° (Centigrade) degrees	equals	$5/9 \times (F^{\circ} - 32)$ or $.5556 \times (F^{\circ} - 32)$		

