

CONVERSION DATA

Quantity	To convert from	To	Multiply by
Length	Feet (ft)	Metres	.3048
		Millimetres	304.8
	Metres (m)	Feet	3.2808
		Inches	39.3701
	Inches (in)	Metres	0.0254
		Millimetres	25.4
Area	Square Inches (in ²)	Square Millimetres	645.16
	Square Millimetres (mm ²)	Square Inches	0.00155
Volume	Cubic Inches (in ³)	Cubic Millimetres	16387.064
	Cubic Millimetres (mm ³)	Cubic Inches	0.000061024
Force	Pounds Force (lbf)	Newtons	4.4498
		Kilograms Force	0.4536
	Newtons (N)	Pounds Force	0.2247
		Kilograms Force	0.102
	Kilograms Force (kgf)	Newtons	9.81
		Pounds Force	2.2046
Rate	Pounds Force per Inch (lbf/in)	Kilograms Force per Millimetre	0.017858
		Newtons per Millimetre	0.17519
	Newtons per Millimetre (N/mm)	Pounds Force per Inch	5.7082
		Kilograms Force per Millimetre	0.102
	Kilograms Force per Millimetre (kgf/mm)	Newtons per Millimetre	9.81
		Pounds Force per Inch	55.997
Torque	Pound Force-inch (lbf/in)	Kilogram Force-Millimetre	11.52136
		Newton-Metre	0.11302
	Newton-Metre (Nm)	Pound Force-inch	8.84763
		Ounce Force-inch	141.562
		Kilogram Force-Millimetre	101.937
	Kilogram Force-Millimetre (kgf/mm)	Pound Force-inch	0.086796
		Newton-Metre	0.00981
		Ounce Force-inch	1.3887
Ounce Force-inch (ozf/in)	Pound Force-inch	0.0625	
	Newton-Metre	0.007064	
	Kilogram Force-Millimetre	0.72	

CONVERSION DATA

Quantity	To convert from	To	Multiply by
Stress	Pound Force per Square Inch (lbf/in ²)	kgf/mm ²	0.000703
		hbar	0.000689
		N/mm ²	0.006895
		tonf/in ²	0.000446
	Kilogram Force per Square Millimetre (kgf/mm ²)	lbf/in ²	1422.823
		hbar	0.981
		N/mm ²	9.81
		tonf/in ²	0.635
	Hectobars (hbar)	lbf/in ²	1450.38
		N/mm ²	10
		kgf/mm ²	1.019368
		tonf/in ²	0.6475
	Newton per Square Millimetre (N/mm ²)	lbf/in ²	145.038
		kgf/mm ²	0.101937
		hbar	0.1
tonf/in ²		0.06475	
Ton Force per Square Inch (tonf/in ²)	lbf/in ²	2240.0	
	kgf/mm ²	1.5743	
	hbar	1.54442	
	N/mm ²	15.4442	
Pressure	Pound Force per Square Inch	to kPa	6.895
Length	1 cm = 0.3937 in	1 in = 25.4 mm	1 m = 3.2808 ft
	1 ft = 0.3048 m	1 km = 0.6214 mile	1 mile = 1.6093 km
Weight	1 g = 0.0353 oz	1 oz = 28.35 g	
	1 kg = 2.2046 lb	1 lb = 0.4536 kg	
	1 tonne = 0.9842 ton	1 ton = 1.016 tonne	
Area	1 m ² = 1.196 yard ²	1 in ² = 645.2 mm ²	
	1 hectare = 2.471 acre	1 yard ² = 0.8361 m ²	
	1 acre = 0.4047 hectare	1 sq mile = 259 hectare	

MATHEMATICAL SYMBOLS

+	plus or positive	~	of the order of or similar to	∞	infinity
-	minus or negative	>	greater than	∝	proportional to
±	plus or minus, positive or negative	<	less than	∑	sum of
x	multiplied by	≧	not greater than	∏	product of
÷	divided by	≦	not less than	Δ	difference therefore
=	equal to	≥	greater than or equal to	∠	angle
≡	identically equal to	≤	less than or equal to	∥	parallel to
≠	not equal to	≫	much greater than	⊥	perpendicular to
/	not identically equal to	≪	much less than	:	is to
≈	approximately equal to	√	square root		