



TRI-STATE BEARING COMPANY, INC.

Helpful Conversion Tables

*Bearings, Power Transmission, &
Motion Control Specialists
Since 1950*

Length	To	Multiply by
Inches	centimeters	2.54
Centimeters	inches	0.394
Feet	inches	12
	centimeters	30.5
Meters	inches	39.4
Kilometers	miles	0.621
	feet	3280
Miles	kilometers	1.61
	feet	5280
Microns	inches	39.4×10^{-6}

Force and Torque	To	Multiply by
Newtons	pounds	0.225
Newton-Meters	pound-feet	0.738
Ounce-Inches	pound-feet	0.0052
	newton-meters	0.0071
	pound-inch	0.063
Pound-Inches	pound-feet	0.083
	newton-meters	0.130
	ounce-inches	16
Pound-Feet	newton-meters	1.36
	pound-inches	12
	ounce-inches	192
	poundal-feet	32.2

Power	To	Multiply by
Horsepower	Btu/hour	2,545
	foot-pounds/sec	550
	ounce-inches/sec	1.056×10^5
	kilowatts	0.746
Watt	Joules/sec	1
Kilowatts	horsepower	1.34

Weight, Mass, Inertia	To	Multiply by
Pounds, Mass	kilograms	0.454
	ounces	16
Kilograms	pounds, mass	2.21
	ounces	35.3
Tons, Short	metric tons	0.907
	kilograms	907
	pounds	2,000
Metric Tons	tons, short	1.10
	kilograms	1,000
	pounds	2,205
Pounds, Weight	slugs, mass (lb-sec ² /ft)	0.031
Pound-Square Ft	kilogram-square meter	0.042
	kilogram-meter-sec ²	0.00430

Area	To	Multiply by
Square Centimeters	square inches	0.155
Square Inches	square centimeters	6.45
Square Feet	square inches	144
	square centimeters	929
Square Meters	square feet	10.8
	square inches	1550
Square Kilometers	square miles	0.386
Acres	square feet	43,560
	square meters	4,047
Circular Inches	square inches	0.785

Service—More Than Just A Word

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