

# METAL SUPPLY INC.

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## U.S. & Metric System Equivalents

### LENGTH EQUIVALENTS

UNIT	MILLIMETERS	CENTIMETERS	INCHES	FEET	YARDS	METERS
1 Millimeter =	1	.1	.03937	.003281	.001094	.001
1 Centimeter =	10	1	.3937	.032808	.010936	.01
1 Inch =	25.4001	2.54001	1	.08333	.027778	.025400
1 Foot =	304.801	30.4801	12	1	.333333	.304801
1 Yard =	914.402	91.4402	36	3	1	.914402
1 Meter =	1000	100	39.37	3.28083	1.09361	1

UNIT	FEET	YARDS	METERS	RODS	FURLONGS	MILES (STATUTE)
1 Rod =	16.5	5.5	5.02921	1	.025 (1/40)	.003125 (1/320)
1 Furlong =	660	220	201.168	40	1	.125 (1/8)
1 Kilometer =	3280.8	1093.6	1000	199	4.971	.62137
1 Mile (statute) =	5280	1760	1609.35	320	8	1

1 Nautical Mile = 6080.2 feet = 1.15155 statute miles = 1/3 league. 1 Light Year = 5.879 trillion miles = 9.46 trillion kilometers.

### WEIGHT EQUIVALENTS

UNIT	GRAINS	GRAMS	OUNCES (TROY)	OUNCES (AVOIR.)	POUNDS (TROY)	POUNDS (AVOIR.)	KILOGRAMS
1 Grain =	1	.064799	.002083	.002286	.000174	.000143	.000065
1 Gram =	15.4324	1	.032151	.035274	.002679	.002205	.001
1 Ounce (Troy) =	480	31.1035	1	1.09714	.083333	.068571	.031104
1 Ounce (Avoir.) =	437.5	28.3495	.911458	1	.075955	.0625	.028350
1 Pound (Troy) =	5760	373.242	12	13.1657	1	.822857	.373242
1 Pound (Avoir.) =	7000	453.592	14.5833	16	1.21528	1	.453592
1 Kilogram =	15432.4	1000	32.1507	35.2740	2.67923	2.20462	1

UNIT	KILOGRAMS	POUNDS (TROY)	POUNDS (AVOIR.)	METRIC TONS	NET (SHORT) TONS	GROSS (LONG) TONS
1 Metric Ton =	1000	2679.23	2204.62	1	1.10231	.984206
1 Net (Short) Ton =	907.185	2430.56	2000	.907185	1	.892857
1 Gross (Long) Ton =	1016.05	2722.22	2240	1.01605	1.12	1

### AREA EQUIVALENTS

UNIT	SQUARE INCHES	SQUARE FEET	SQUARE YARDS	SQUARE METERS
1 Square Foot =	144	1	.1111	.09290
1 Square Yard =	1296	9	1	.83613
1 Square Meter =	1550	10.7639	1.19599	1
1 Square Rod =	39204	272.225	30.25	25.293
1 Acre =	155000	1076.39	119.599	100
1 Acre =	6272640	43560	4840	4046.86
1 Square Mile (640 Acres) =	—	27878400	3097600	2589999
1 Square Kilometer =	—	10763867	1195985	1000000