

USEFUL CONVERSION FACTORS

WEIGHT

1 lb.	(pound)	= .45359 kg (kilogram)
1 kg.	(kilogram)	= 2.20462 lbs.
1 short ton (US)	= 2,000 lbs.	= 907.185 kg
1 metric ton	= 2,204.62 lbs.	= 1,000 kg
1 long ton	= 2,240 lbs.	= 1,016.05 kg

BREAKING FORCE

1 kN	(kilonewton)	= 101.972 kgf (kilogram/force)
1 kN	(kilonewton)	= 224.809 pounds/force
1 kip	= 1,000 lbs.	
1 kpf	= .4536 lbs. pounds/force	

MASS/UNIT LENGTH

1 inch	= 25.4 mm	1 mm (millimeter)	= .03937 inch
1 foot	= .3048 m (meter)	1 cm (centimeter)	= .3937 inch
1 yard	= .9144 m (meter)	1 m (meter)	= 3.28084 ft. = 39.3701 inches
1 mile	= 1,609 m (meter)	1 km (kilometer)	= 1,000 meters
1 rod	= 5.5 yards		= 16.5 ft.
1 chain	= 22 yards		= 66 ft.
1 shot	= 90 ft.		= 15 fathoms

AREA

1 sq. in. (square inch)	= 645.16 mm ² (square millimeter)	
1 sq. ft. (square foot)	= .0929 m ² (square meter)	
1 m ² (square meter)	= 10.7639 ft ² (square feet)	
1 acre	= 43,560 sq. ft.	= 4,046.86 sq. meters
1 hectare	= 10,000 sq. meters	= 2.47 acres

TENSILE GRADE

1770 N/mm ²	= 180 kp/mm ²	= IPSbreaking strength
1960 N/mm ²	= 200 kp/mm ²	= EIPSbreaking strength
2160 N/mm ²	= 220 kp/mm ²	= EEIPSbreaking strength

ZINC WEIGHT

1 gram/square meter	= .0032765 oz/square ft.
1 oz/sq. ft.	= 305.15686 grams/square meter

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