

# Formulas and Conversion Tables

## Formula for Calculating Circular Diameter and Coils

Diameter of Coil x 3.14 = ? Divided by 12 = ? x Amount of Coil Wraps = Total amount on Coil

### Imperial to Metric Conversions

#### LENGTH

Inches x 25.4 = Millimeters

Feet x 0.3048 = Meters

Yards x 0.9144 = Meters

Miles x 1.609 = Kilometers

#### WEIGHT

Ounces x 28.35 = Grams

Pounds x 0.4536 = Kilograms

US Tons x 0.9072 = Metric Tonnes

US Tons x 0.8926 = Imperial Tons

### Metric to Imperial Conversions

#### LENGTH

Millimeters x 0.03937 = Inches

Meters x 39.37 = Inches

Meters x 3.281 = Feet

Meters x 1.0936 = Yards

Kilometers x 0.6214 = Miles

#### WEIGHT

Grams x 0.03527 = Ounces

Kilograms x 2.2046 = Pounds

Metric Tonnes x 1.1023 = US Tons

Imperial Tons x 0.9824 = US Tons

### Line Diameter Conversions

#### METRIC

#### INCHES

3 mm = 1/8 in

4 mm = 5/32 in

5 mm = 3/16 in

6 mm = 1/4 in

8 mm = 5/16 in

9.5 mm = 3/8 in

11 mm = 7/16 in

12 mm = 1/2 in

14 mm = 9/16 in

16 mm = 5/8 in

18 mm = 3/4 in

20 mm = 13/16 in

22 mm = 7/8 in

25 mm = 1 in

### Nautical Conversions

Knots x 1.15 = Miles / Hour

Fathoms x 6 = Feet