

SUPPLEMENT

to the series of publications on Technical Fundamentals

This supplement shows the quantitative relationship between several important British/American (Brit./U. S.) units of measure and the relevant units of the metric system of measurement. The units dealt with, here, come under the headings of

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|--------------------|-------------------|
| 1. Linear Measures | 5. Power and Work |
| 2. Square Measures | 6. Speeds |
| 3. Cubic Measures | 7. Temperatures |
| 4. Weights | |

The British units of measure are also used in the U. S. A. unless exceptions are expressly stated in brackets.

The conversion tables included in this supplement are drawn up for practical use and related to British units of measure.

Abbreviations of the terms are given in brackets () behind the expression when it appears in the text for the first time.

1. Linear Measures

British:

- 1 statute mile (mi.) = 1,760 yards
- 1 yard (yd) = 3 feet
- 1 foot (ft) = 12 inches
- 1 inch (in.) = 1,000 mils

Metric:

- 1 kilometre (km) = 1,000 metres
- 1 metre (m) = 100 centimetres
- 1 centimetre (cm) = 10 millimetres (mm)

Metric equivalents of British linear measures

- 1 mile = 1.609347 km
- 1 yard = 0.9144 m = 91.44 cm = 914.4 mm
- 1 foot = 0.3048 m = 30.48 cm = 304.8 mm
- 1 inch = 0.0254 m = 2.54 cm = 25.4 mm

Note: The decimal point placed after the unit and denoting tenths, hundreds ect. is in the German way of writing replaced by a comma.