

Conversion Factors

| | English-Metric | Metric-English |
|--------------------------|--|------------------------|
| Length | 1 in = 25.4 mm | 1 mm = .03937 in |
| | 1 ft = .3048 m | 1 m = 3.281 ft |
| Force | 1 lb = 4.448 N | 1 N = 0.2248 lb |
| Torque/Moment | 1 ft-lb = 1.356 N-m | 1 N-m = .7376 ft-lb |
| | 1 in-lb = .113 N-m | 1 N-m = 8.851 in-lb |
| | 1 in-oz = 72.01 gf-cm | 1 gf-cm = .01389 in-oz |
| Weight | 1 lb = .4536 kg | 1 kg = 2.205 lb |
| | 1 oz = 28.35 g | 1 g = .03527 oz |
| Stress / Pressure | 1 psi = 6895 Pa (N/m ²) | 1 Pa = .000145 psi |
| | 1 ksi = 6.895 MPa (N/mm ²) | 1 MPa = .145 ksi |
| Temperature | (°F - 32) / 1.8 = °C | 1.8 x °C + 32 = °F |

(rounded to 4 significant digits)