

Conversion basics

Linear	
1 inch	25.4mm
1 foot	0.3048m
1mm	0.0394 inches
1m	3.28 feet
Area	
1 sq inch	645 sq mm
1 sq foot	0.0929 sq m
1 sq mm	0.00155 sq in
1 sq m	10.84 sq ft
Volume	
1 cubic inch	16387 cu mm
1 cu mm	0.000061 cu in
Force	
1 pound force	4.45 newtons
1 newton	0.225 pound force
Pressure	
1 lb per sq in	0.00689 MPa
1 MPa	145 lbs per sq in
Weight	
1 Kg	2.204 lb