

# BS 1052 : 1980

## Mild steel wire for general engineering purposes

### Dimensions and Tolerances

#### Round Wire

*Round wire of finish other than galvanized*

For round wire of finish other than galvanized, the diameter of the wire shall be within the relevant tolerances specified in **Table 1**

*Galvanized round wire*

For galvanized round wire, the diameter of the wire shall be within the relevant tolerances specified in **Table 2**

*Wire of section other than round*

For wire of section other than round, the tolerance(s) on dimensions shall be agreed between the purchaser and manufacturer

Table 1. Tolerances on diameter for round wire of finish other than galvanized		
Nominal diameter		Tolerance on Diameter
Over	Up to and including	
mm	mm	mm
0.122	0.40	± 0.015
0.40	1.0	± 0.02
1.00	1.60	± 0.025
1.60	2.50	± 0.03
2.50	13.20	± 0.05

Table 2. Tolerances on diameter of galvanized round wire		
Nominal diameter		Tolerance on Diameter
Over	Up to and including	
mm	mm	mm
0.122	0.30	As agreed between purchaser and manufacturer
0.30	0.70	± 0.02
0.70	1.25	± 0.03
1.25	1.60	± 0.04
1.60	2.00	± 0.05
2.00	2.50	± 0.06
2.50	3.15	± 0.08
3.15	5.50	± 0.10
5.50	13.20	As agreed between purchaser and manufacturer

