

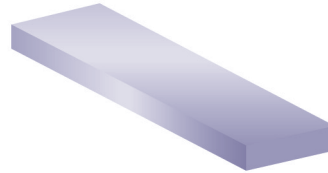
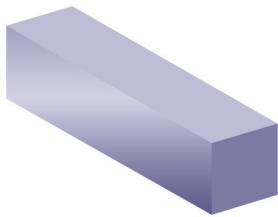
## Round Bar

### STEEL/STAINLESS STEEL

Dia (mm) x dia (mm) x 0.00616 = kgs per metre  
ie. 1" dia = 25.4mm x 25.4mm x 0.00616 = 3.974kgs per metre

### ALUMINIUM

Dia (mm) x dia (mm) x 0.00213 = kgs per metre  
ie. 1" dia = 25.4mm x 25.4mm x 0.00213 = 1.374kgs per metre



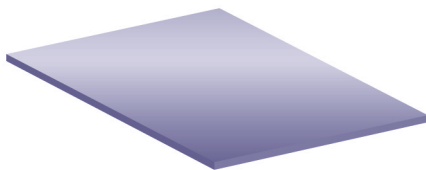
## Flat and Square Bar

### STEEL/STAINLESS STEEL

Width (mm) x thickness (mm) x 0.0079 = kgs per metre  
ie. 50mm x 25mm flat bar = 50 x 25 x 0.0079 = 9.88kgs per metre

### ALUMINIUM

Width (mm) x thickness (mm) x 0.00271 = kgs per metre  
ie. 50mm x 25mm flat bar = 50 x 25 x 0.00271 = 3.39kgs per metre



## Sheet Plate

### STEEL/STAINLESS STEEL

Length (metres) x width (metres) x thickness (mm) x 8 = kgs per pce  
ie. 500mm x 700mm x 25mm thick = 0.5m x 0.7m x 25mm x 8 = 70kgs

### ALUMINIUM

Length (metres) x width (metres) x thickness (mm) x 2.71 = kgs per pce  
ie. 500mm x 700mm x 25mm thick = 0.5m x 0.7m x 25mm x 2.71 = 23.7kgs

### NOTES

Listed here are the relative formulae for calculating the approximate weights of various shapes. Not all grades of the same metal weigh exactly the same owing to their differing chemical composition – so these formulae are only intended to give an approximation. The section/piece weight will also be affected by the manufacturing size tolerance of the item in question.

We have many more formulae for calculation weights of tubes, hexagons and other shapes.