

## Bright Mild Steel

**Supplier:** Troy Steel (Pty) Ltd

www.troysteel.co.za

### Material Description

Bright mild steel is a low carbon steel supplied with a smooth, bright finish and tight dimensional tolerances. It offers excellent machinability and formability.

### Typical Chemical Composition (% by weight)

Carbon  $\leq$  0.20

Manganese  $\leq$  1.00

### Typical Mechanical Properties

Tensile Strength: ~400–550 MPa

Hardness: ~120–180 HB

### Typical Applications

General machining, shafts, pins, spacers, brackets, and fabricated components

Disclaimer: Guide values only; properties depend on section size and condition of supply. Refer to the relevant standard and mill test certificate for compliance.