

# Boron Steel

## Bromford 43CMnB

### Product Data Sheet

#### Product Description

Bromford '43CMnB' is a treatable 0.40-0.45% carbon-manganese-boron steel.

#### Composition Properties

% C	0.40-0.45	% Si	0.15-0.35
% Mn	1.30-1.50	% P	0.030 max
% S	0.035 max	% Cr	0.15-0.30
% B	0.002-0.005	% Ti	0.020 min
% Al	0.020-0.060		

#### Size Range

**Hot Mill 1** flats are available in most combinations from 18mm up to 80mm wide by 3mm up to 13mm thick. Special profiles can be rolled within similar geometric limits.

#### Tolerances

BS970 Pt.1 dimensional tolerances are standard for mill edge flats.

#### Width

10 to 35mm +/- 0.5mm, 35 to 75mm +/- 0.8mm, over 75mm +/- 1.0mm

#### Thickness

up to 10mm +/- 0.4mm, over 10 mm +/- 0.5mm

#### Length

Standard + 300mm, Exacts + 50mm, Re-sheared + 6mm

*Special tolerances and SPC analysis can be supplied by agreement.*

#### Supply Condition

Bars are available in lengths up to 8.0 metres. Bar ends are cleanly sheared. Standard bundles are 2000 kg secured with tensioned bands. Smaller bundles available by agreement.

#### Ancillary Services

Re-shearing, cold straightening, pickling and oiling, special bundling and wrapping.



**Bromford Iron & Steel Co Ltd**

Hot Rolled Flats &  
Special Profiles

Pickling & Oiling

Fabric Reinforcement

Drawn Round &  
Square Twisted Wire

**Shaping the future in steel**

**Supplying steel products  
to the world**



**Bromford Iron & Steel Co Ltd**

Bromford Lane, West Bromwich, West Midlands B70 7JJ

UK Sales: tel 0121 525 3110 fax 0121 525 4673

Export Sales: tel +44 (0)121 553 6121 ext.201 fax +44 (0)121 525 0913

www.bromfordsteels.co.uk e-mail enquiries@bromfordsteels.co.uk