



BARCLAY & MATHIESON LTD

Bright Bar Products

Registered Office: Shieldhall Works, 180 Hardgate Road, Glasgow, G51 4TB

Registered No: 30987 (Scotland)

Tel: 0141 445 7373

E-mail: Bright@bmsteel.co.uk

Website: www.bmsteel.co.uk/Bright

2. 080M40 (EN8) & 080A42 (EN8D)

Medium Carbon Steel

Material description:

A medium carbon and medium tensile steel used mainly for axles, spindles, studs, automotive and general engineering components. Suitable for heat treatment where extra strength is required.

Size Range: Rounds 5mm to 101.6mm

Chemical Composition 080M40:

	C	Si	Mn	P	S
Min%	0.36	0.10	0.60		
Max%	0.44	0.40	1.00	0.050	0.050

Chemical Composition 080A42:

	C	Si	Mn	P	S
Min%	0.40	0.10	0.70		
Max%	0.45	0.40	0.90	0.050	0.050

Supply Condition: Bright Drawn or Turned dependant on size

Alternative specifications: SAE1042, C40, C45

Please see our latest stocklist and contact us with your specific requirements.