

BRIGHT MILD STEEL – M1030

RELATED SPECIFICATIONS:

Australia	AS 1443 – 2004 M1030
Germany	W.Nr 1.0528 C30
	W.Nr. 1.1178 CK 30
Great Britain	BS970 – Part 3 – 1991 080A47
	BS970 – 1955 EN43B
USA	AISI C1030
	ASTM A29/A29M – 91 1030
	SAE 1030
	UNS G 10300
Japan	JIS G 4051 S30C

DESCRIPTION:

M1030 Bright Mild steel bar is a merchant grade plain carbon steel bar containing nominally 0.30% carbon supplied in the cold drawn, precision ground or turned & polished condition. Bright round bar up to 63.5mm dia is cold drawn. Bright round bars 63.5mm – 100mm diameter are cold drawn or smooth turned & polished. Over 100mm are all smooth turned and polished. All square, flat and hex bars are cold drawn. Typical tensile strength range min. is 500 – 560 Mpa

APPLICATIONS:

Similar applications as M1020 however it provides higher tensile and yield strengths and is popular for its centreless ground finish. Can be quenched and tempered if carbon is above 0.30%, although limited hardening response. Suitable for shafts, rams, axles, spindles.

CHEMICAL ANALYSIS:

	C %	Si %	Mn %	P %	S %
Min.	0.25	-	0.30	-	-
Max.	0.35	0.35	0.90	0.05	0.05

SIZES AVAILABLE:

Round: 4.76mm – 127mm

COLOUR CODE: WHITE END

