

1020

CUSTARD

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CHARACTERISTICS

Hardness Supplied (HB) 142 - 119

Tensile Strength (Mpa) 410 - 480

Machinability Rating % 65

EQUIVALENTS

BS	AISI/SAE	UNS	DIN	C	Si	Mn	P	S
970	1020	G10200	C22	0.15	0.35 max	0.3	0.05 max	0.05 max
070M20				0.25		0.9		

NOTES

Known as Bright Mild Steel (BMS).
Suits general purpose "mild steel" applications. Good balance of strength, ductility, toughness and weldability.

POSSIBLE ALTERNATIVE GRADES

1018, 1030, 1214, 12L14

APPLICATIONS

May be Hot Dip Galvanised provided Si below 0.05%. Readily Cold formed, may be case hardened but not induction or through Hardened. Used as Jack Handles, threaded bars, shafts and axles in lighter applications.

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

EDCON STEEL

Sydney Metro

Blacktown 15 Carling Road Kings Park
Brookvale 10/9-13 Winbourne Road Brookvale
Revesby 122 Milperra Road Revesby

Rural

Bathurst 51 Sydney Road Raglan
Orange 23 Leewood Drive Orange

1300 233 266
edconsteel.com.au