

CARBON STEEL – 1020

RELATED SPECIFICATIONS:

Australia	AS 1442-2007 1020
Germany	W.Nr 1.0402 C22
	DIN: CK20
Great Britain	BS970 – Part 3 – 1991 070M20
USA	AISI C1020 and C1520
	ASTM A29/A29M – 91 1020 and 1520
	SAE 1020 and 1520
	UNS G 10220
	UNS G 15220
Japan	JIS G 4051 S20C

DESCRIPTION:

K1020 is a low carbon, fully killed steel supplied in the as rolled condition. The ultimate tensile strength is in the range 380-450 MPa.

APPLICATIONS:

The steel is suitable for machine parts not requiring high strength. Low carbon and absence of alloy additions make it suitable for welded components.

TYPICAL CHEMICAL ANALYSIS:

C %	Si %	Mn %	P %	S %
0.20	0.25	0.45	0.04	0.04

SIZES AVAILABLE:

Round Black: (mm)

12	16	20	22	24	27	30	33	36	39	42	45	50	56	60
65	75	80	90	100	110	120	130	140	150	160	170	180	190	200
220	240	260	280	300	330	260	410	525						

COLOUR CODE: CUSTARD YELLOW END

