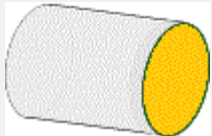


1040 BRIGHT CARBON STEEL BAR

Colour Code	Stocked Sizes
 Golden Tan (Bar End)	6.35 mm - 101.6 mm diameter
	Bar Finish Cold Drawn, Turned & Polished

Related Specifications

AS1443 - 1040
BS970 PART 1 1983 0801M 40
(EN8)
SAE/AISI 1040
GRADE 1B

Typical Composition

	Min. %	Max. %
Carbon	0.37	0.44
Manganese	0.60	0.90
Silicon	0.10	0.35
Phosphorus		0.04
Sulphur		0.04

Mechanical Properties (Approximate Minimum)

Tensile MPa (N/mm ²)	Cold Drawn	MM under 17	650
		MM 17 - 38	610
	TRD & POL	MM 39 - 63	600
		MM to 260	540
Elongation - %	Cold Drawn	MM under 17	8
		MM 17 - 38	9
	TRD & POL	MM 39 - 63	10
		MM to 260	16

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