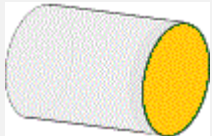


1040 BRIGHT CARBON STEEL BAR

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

Interloy believes the information provided is accurate and reliable. However no warranty of accuracy, completeness or reliability is given, nor will any responsibility be taken for errors or omissions.