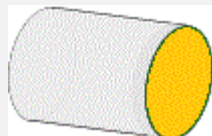


1040 BRIGHT CARBON STEEL BAR

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/mm²)	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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