

TECHNICAL GUIDE


070M55/EN9

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN9	070M55		Bright / black "55" carbon steel

CHEMICAL ANALYSIS	
Car	0.50 / 0.60
Sil	0.10 / 0.40
Mang	0.50 / 0.90
Phos	0.05 max
Sul	0.05 max

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	070M55
BRITISH BS 970:1955	EN9
GERMAN DIN	CF53
FRENCH AFNOR	CX55
SWEDISH SS	1674
AMERICAN SAE	1055
EUROPEAN STEEL NO.	1.1203
EUROPEAN STEEL NAME	C55E
EUROPEAN STANDARD	EN10083-1

QUICK VIEW SYSTEM	
MACHINEABILITY	55
WELDABILITY	Seek advice
HARDENABILITY	Small sizes suitable for induction hardening
SELECTION GUIDE AND USAGE EXAMPLES	Higher medium tensile strength with good wear resisting properties. cams, gears and sprockets

SIZE RANGE SUMMARY			
	Rounds	IMP	Consult Sales Office
		MM	