

# TECHNICAL GUIDE


## 665M17/EN34

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN34	665M17		Black 2% low carbon nickel molybdenum case hardening steel

CHEMICAL ANALYSIS	
Car	0.14 / 0.20
Sil	0.10 / 0.40
Mang	0.35 / 0.75
Moly	0.20 / 0.30
Nick	1.50 / 2.00

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	665M17
BRITISH BS 970:1955	EN34
GERMAN DIN	
FRENCH AFNOR	
SWEDISH SS	
AMERICAN SAE	4615
EUROPEAN STEEL NO.	
EUROPEAN STEEL NAME	
EUROPEAN STANDARD	

QUICK VIEW SYSTEM	
MACHINEABILITY	75
WELDABILITY	Satisfactory
HARDENABILITY	Medium strength case hardening
SELECTION GUIDE AND USAGE EXAMPLES	After hardening produces good case & core strength around 45 t/sq". Transmission parts

SIZE RANGE SUMMARY			
	Rounds	IMP	Consult Sales Office
		MM	