

# TECHNICAL GUIDE

## 665M17/EN34

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

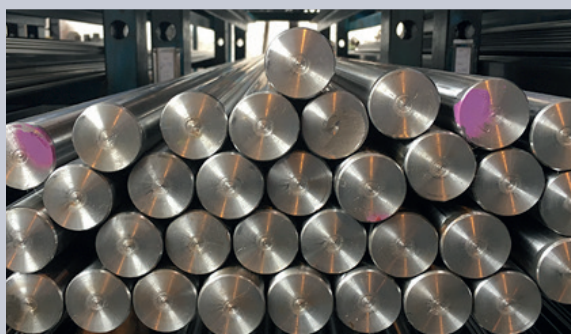
CHEMICAL ANALYSIS	
Car	0.14 / 0.20
Sil	0.10 / 0.40
Mang	0.35 / 0.75
Moly	0.20 / 0.30
Nick	1.50 / 2.00

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

## Sectors

The company specifically concentrates on supplying Precision Engineering Companies covering the automotive, defence, food, marine, medical, pharmaceutical and other manufacturing industries with their exact needs, whether it be a bar or thousands of cut pieces.



## Our Service

Our service and commitment to supplying customers with high quality steels or non ferrous metals, competitively priced and backed up by a service second to none is the basis upon which the business has successfully developed since its foundation.

