

# TECHNICAL GUIDE

## 835M15/EN39B

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN39B	835M15		Bright / black 4.1/4% nickel chromium case hardening steel

CHEMICAL ANALYSIS	
Car	0.12 / 0.18
Sil	0.10 / 0.40
Mang	0.25 / 0.50
Chr	1.00 / 1.40
Moly	0.15 / 0.35
Nick	3.90 / 4.30

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	835M15
BRITISH BS 970:1955	EN39B
GERMAN DIN	
FRENCH AFNOR	
SWEDISH SS	
AMERICAN SAE	
EUROPEAN STEEL NO.	
EUROPEAN STEEL NAME	
EUROPEAN STANDARD	

QUICK VIEW SYSTEM	
MACHINEABILITY	60
WELDABILITY	Pre / post heat precaution required
HARDENABILITY	High strength case hardening
SELECTION GUIDE AND USAGE EXAMPLES	As EN36B but tougher

## 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.

