

TECHNICAL GUIDE

635M15/EN351

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN351	635M15		Bright / black 3/4% nickel chromium case hardening steel

CHEMICAL ANALYSIS	
Car	0.12 / 0.18
Sil	0.10 / 0.40
Mang	0.60 / 0.90
Chr	0.40 / 0.80
Nick	0.70 / 1.10

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	635M15
BRITISH BS 970:1955	EN351
GERMAN DIN	
FRENCH AFNOR	
SWEDISH SS	
AMERICAN SAE	
EUROPEAN STEEL NO.	
EUROPEAN STEEL NAME	16NiCrS4
EUROPEAN STANDARD	EN10277-4

QUICK VIEW SYSTEM	
MACHINEABILITY	80
WELDABILITY	Pre / post heat precaution required
HARDENABILITY	Low alloy case hardening
SELECTION GUIDE AND USAGE EXAMPLES	After hardening produces a hard wear resistant core & case strength around 50 t/sq". Levers & shafts.

SIZES													
Size (mm. dia)	26.00												

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.

