


# TECHNICAL GUIDE

## 815M17/EN353

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN353	815M17		Bright / black 1.1/4% nickel chromium case hardening steel

CHEMICAL ANALYSIS	
Car	0.14 / 0.20
Sil	0.10 / 0.40
Mang	0.60 / 0.90
Chr	0.80 / 1.20
Moly	0.10 / 0.20
Nick	1.20 / 1.70

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	815M17
BRITISH BS 970:1955	EN353
GERMAN DIN	20NiCrMo5
FRENCH AFNOR	20NCD5
SWEDISH SS	2523
AMERICAN SAE	
EUROPEAN STEEL NO.	
EUROPEAN STEEL NAME	17NiCrMoS6-4
EUROPEAN STANDARD	EN10277-4

QUICK VIEW SYSTEM	
MACHINEABILITY	75
WELDABILITY	Pre / post heat precaution required
HARDENABILITY	Low alloy case hardening
SELECTION GUIDE AND USAGE EXAMPLES	As EN352 but higher strength. Shafts, pinions, and clutch plates

SIZES													
Size (ins. dia)	1.5/16												

### 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.

