

815M17/EN353

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

CHEM	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	I7NiCrMoS6-4	
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	

31∠E3	JIZLJ '	JIZLJ '			
Size (ins. dia) 1.5/16				1.5/1.6	Size

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.



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