

## 905M39/EN41B

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN41B	905M39		Black 1.1/2% chromium aluminium molybdenum nitriding steel

CHEMICAL ANALYSIS		
Car	0.35 / 0.43	
Mang	0.40 / 0.65	
Phos	0.025 max	
Sul	0.025 max	
Chr	1.40 / 1.80	
Moly	0.15 / 0.25	

INTERNATIONAL SPECIFICATION COMPARISON		
BRITISH BS 970:1991	905M39	
BRITISH BS 970:1955	EN41B	
GERMAN DIN		
FRENCH AFNOR		
SWEDISH SS		
AMERICAN SAE		
EUROPEAN STEEL NO.		
EUROPEAN STEEL NAME		
EUROPEAN STANDARD		

QUICK VIEW SYSTEM		
MACHINEABILITY	45	
WELDABILITY	Not recommended	
HARDENABILITY	Medium strength nitriding	
SELECTION GUIDE AND USAGE EXAMPLES	Rollers, ball joints and shackle pins	

## **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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