


TECHNICAL GUIDE

905M39/EN41B

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

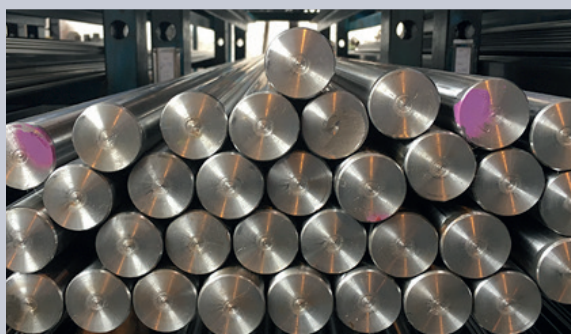
CHEMICAL ANALYSIS	
Car	0.35 / 0.43
Mang	0.40 / 0.65
Phos	0.025 max
Sul	0.025 max
Chr	1.40 / 1.80
Moly	0.15 / 0.25

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.

