


TECHNICAL GUIDE

I50M19/EN14A

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN14A	I50M19		Black carbon manganese steel

CHEMICAL ANALYSIS	
Car	0.15 / 0.23
Sil	0.10 / 0.40
Mang	1.30 / 1.70
Phos	0.05 max
Sul	0.05 max

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	I50M19
BRITISH BS 970:1955	EN14A
GERMAN DIN	ST52-3
FRENCH AFNOR	20M5
SWEDISH SS	2172
AMERICAN SAE	1524
EUROPEAN STEEL NO.	1.1170
EUROPEAN STEEL NAME	28Mn6
EUROPEAN STANDARD	EN10083-1

QUICK VIEW SYSTEM	
MACHINEABILITY	70
WELDABILITY	Pre-heat for arc welding
HARDENABILITY	Poor
SELECTION GUIDE AND USAGE EXAMPLES	Bolts, fulcrum shafts

SIZES													
Size (mm. dia)	110.00	130.00											

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.

