


# TECHNICAL GUIDE

## BS 46 PART 1 | 1958/Key Steel - EN6 Type

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
KEY STEEL - EN6 TYPE	BS 46 PART 1   1958		Bright drawn. Imperial plus tols, metric minus tols

CHEMICAL ANALYSIS	
Car	UPON REQUEST
Sil	UPON REQUEST
Mang	UPON REQUEST
Phos	UPON REQUEST
Sul	UPON REQUEST
Chr	UPON REQUEST
Moly	UPON REQUEST
Nick	UPON REQUEST
Lead	UPON REQUEST

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	BS 46 PART 1   1958
BRITISH BS 970:1955	KEYSTEEL
GERMAN DIN	
FRENCH AFNOR	
SWEDISH SS	
AMERICAN SAE	
EUROPEAN STEEL NO.	
EUROPEAN STEEL NAME	
EUROPEAN STANDARD	

QUICK VIEW SYSTEM	
MACHINEABILITY	95
WELDABILITY	not applicable
HARDENABILITY	not applicable
SELECTION GUIDE AND USAGE EXAMPLES	Keys for keyways

SIZES														
Size (ins. sq)	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1				
Size (mm. dia)	4	5	6	8	10	12	16	20	25					
Size (ins.)	1/2 x 5/16	3/4 x 1/2												
Size (mm)	8 x 7	10 x 8	12 x 8	14 x 9	16 x 10	18 x 11	20 x 12							