

TECHNICAL GUIDE




230M07Pb/EN1A Leaded Freecutting

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN1A Leaded Freecutting	230M07Pb		Bright drawn leaded freecutting steel

CHEMICAL ANALYSIS	
Car	0.15 max
Sil	0.05 max
Mang	0.90 / 1.30
Phos	0.09 max
Sul	0.25 / 0.35
Chr	-
Moly	-
Nick	-
Lead	0.15 / 0.35

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	230M07Pb
BRITISH BS 970:1955	EN1A Leaded
GERMAN DIN	9SMn28Pb
FRENCH AFNOR	S250Pb
SWEDISH SS	1914
AMERICAN SAE	12L14
EUROPEAN STEEL NO.	1.0718
EUROPEAN STEEL NAME	11SMnPb30
EUROPEAN STANDARD	EN10277-3

QUICK VIEW SYSTEM	
MACHINEABILITY	250
WELDABILITY	Not recommended
HARDENABILITY	Poor
SELECTION GUIDE AND USAGE EXAMPLES	As 230M07/EN1A but where even better machining speeds, tool life and surface finish is required

SIZE RANGE SUMMARY			
	Rounds	IMP	3/16" - 3.1/4" dia
		MM	3mm - 65mm dia
	Hexagons	IMP	.150" - 1.875" a/f hex
		MM	5mm - 70mm a/f hex
	Squares	MM	4.5mm - 15mm squ

SEE STOCK RANGE FOR SPECIFIC SIZES.