

230M07Pb / ENIA Leaded Freecutting

Steel Description

230M07 PB / ENIA LEADED FREECUTTING is a very popular free machining low carbon steel that is supplied in the Bright Drawn condition. It is highly machineable and with the addition of lead in consistent properties up to 0.35%, results in very easy chipping, good tool life and improved surface finish. 230M07 PB / ENIA LEADED FREECUTTING is used for the manufacture of repetition turned parts where the best possible machining speeds are required and is used amongst many others, for the production of hydraulic fittings, nuts & bolts, studs, control linkages and especially for intricate drilling and machining operations. A non-leaded version of 230M07 / ENIA FREECUTTING can also be supplied for an extended range of sizes and sections and in a Precision Ground round bar condition, on which we also have Technical Guides.

BS970: 1955			BS970: 1991		COLOUR CODE			DESCRIPTION	
ENIA Leaded Freecutting			230М07РЬ					Bright drawn leaded freecutting steel	
CHEMICAL ANALYSIS		S	INTERNATIONAL SPECIFICATION COMPARISON					QUICK VIE	EW SYSTEM
Car	0.15 max	0.15 max		BRITISH BS 970:1991		230М07РЬ		MACHINEABILITY	250
Sil	0.05 max		BRITISH BS 970:1955		ENIA Leaded			WELDABILITY	Not recommended
Mang	0.90 / 1.30		GERMAN DIN		9SMn28Pb			HARDENABILITY	Poor
Phos	0.09 max		FRENCH AFNOR		S250Pb			SELECTION GUIDE AND USAGE EXAMPLES	As 230M07/EN1A but where even better machining speeds, tool life and surface finish is required
Sul	0.25 / 0.35		SWEDISH SS		1914				
Chr	-		AMERICAN SAE		12L14				
Moly	-		EUROPEAN STEEL NO.		1.0718				
Nick	-		EUROPEAN STEEL NAME		I ISMnPb30				
Lead	0.15 / 0.35		EUROPEAN STANDARD		EN10277-3				
	·		SIZE RANGI	E SUMMARY					
				IMP		3/16" - 3.1/4" dia			
			ounds	MM		3mm - 65mm dia			
			11			.150" - 1.875" a/f hex			
			exagons	MM		5mm - 70mm a/f hex			

4.5mm - 15mm squ

SEE STOCK RANGE FOR SPECIFIC SIZES.

Squares

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