

# TECHNICAL GUIDE

## 210M15 / EN32M

### Steel Description


210M15 / EN32M is a semi freecutting case hardening steel that is supplied in the bright drawn condition and is suitable for lightly stressed components including, pins, shafts and washers.

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
EN32M	210M15		Bright drawn semi freecutting case hardening steel

CHEMICAL ANALYSIS	
Car	0.12 / 0.18
Sil	0.10 / 0.40
Mang	0.90 / 1.30
Phos	0.05 max
Sul	0.10 / 0.18

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	210M15
BRITISH BS 970:1955	EN32M
GERMAN DIN	15S20
FRENCH AFNOR	35MF4
SWEDISH SS	1922
AMERICAN SAE	1117
EUROPEAN STEEL NO.	1.0725
EUROPEAN STEEL NAME	15SMn13
EUROPEAN STANDARD	EN 10277-3

QUICK VIEW SYSTEM	
MACHINEABILITY	130
WELDABILITY	Not recommended
HARDENABILITY	Low strength case hardening
SELECTION GUIDE AND USAGE EXAMPLES	Light gears, spindles and worms

SIZE RANGE SUMMARY			
	Rounds	IMP	3/8" - 3" dia
		MM	10mm - 60mm dia

SEE STOCK RANGE FOR SPECIFIC SIZES.