


# TECHNICAL GUIDE

## 210M15/EN32M

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 / 0.10

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	EN10277-3

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

SIZES														
Size (ins. dia)	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1.1/8	1.1/4	1.3/8	1.1/2	1.5/8	1.3/4
	1.7/8	3												
Size (mm. dia)	10.00	12.00	16.00	19.00	20.00	25.00	30.00	35.00	40.00	50.00	54.00	60.00		