

Stocked Product	SIMILAR GRADES					GRADES FOR POTENTIAL SUBSTITUTION	
	BS 970: 1955	British Standards	European	Werkstoff	SAE/AISI	Lesser	Greater
230M07 (230)	EN1A		11SMn30	1.0715	1113 1213		
070M20 (070)	EN3A EN32	080A15	C15 C20 ST52-3 (ST5) S235 (S23) S275 (S27 & S28)	1.0402 1.0401 1.1151	1020 1023		LF2 (LF2)
080M40 (080)	EN8 EN8D	080A42 (08A)	C40	1.0511	1040		C45E (08B) 070M55 (07A)
C45E (08B)		080M46 (08E) 080M50 (08I)			1050 (10M)	080M40 (080)	070M55 (07A)
070M55 (07A)	EN9	080M50 (08I)	C55 C60 (C60)	1.0535	1050 (10M) 1055	C45E (08B)	
150M19 (150)	EN14		ST52-3 (ST5) S275 (S27 & S28) S355 (S36 & S38)	1.1170	1320 1024	LF2 (LF2)	
605M36 (605)	EN16						38MB5 (035) 4130 (41C) 945M38 (945)
709M40 (709)	EN19	708M40 (708)	42CrMo4 (C44)	1.7225	4140 (41F & 41G) 4142 B7 L7	945M38 (945) 41CrS4 (C41)	4145 (41I) 4340 (43B) 817M40 (817) 826M40 (826)
817M40 (817)	EN24		34CrNiMo6 (C36) 40CrNiMo6	1.6565 1.6582	4340 (43B)		4145 (41I) 4340 (43B) 826M40 (826) 4330V (43V)
826M40 (826)	EN26		40NiMoCr10-5	1.6745		4340 (43B)	4330V (43V)
835M30 (83A)	EN30B		30NiCrMo16-6	1.6747		1.2767	4330V (43V)
722M24 (722)	EN40B		32CrMo12	1.7361			
535A99 (535)	EN31		100Cr6 (CC1)	1.3505	52100		100CrMo7-3 (CC3)
665M17 (665)	EN34				4615 4617		655M13 (655)
635M15 (635)	EN351	8620 (86B)	16NiCr4	1.5714			655M13 (655) 18CrNiMo7-6 (C18)
655M13 (655)	EN36	832M13 (832)	14NiCr4	1.5752	3415 3310	18CrNiMo7-6 (C18)	835M15 (835)
835M15 (835)	EN39		15NiCrMo16-5	1.6723			
8620 (86B)		635M15 (635) 805M20	21NiCrMo2-2	1.6543	8617	16MnCr5 (M15)	8630 (86D) 655M13 (655) 18CrNiMo7-6 (C18)
16MnCr5 (M15)		590M17	20MnCr5 (M25)	1.7131	5115 5117		8620 (86B) 635M15 (635) 655M13 (655) 18CrNiMo7-6 (C18)
4130 mod (41C)			25CrMo4 34CrMo4	1.7218 1.7220	4135		
4140 mod (41F & 41G)	EN19	708M40 (708) 709M40 (709)	42CrMo4 (C44)	1.7225	4142 B7 (B7A) L7		4340 (43B)
4145 mod (41I) 4330V (43V)						817M40 (817) 826M40 (826)	4340 (43B) 835M30 (83A)
17-4 (Y17)				1.4542	Grade 630 S17400 (UNS)		
420M (Y42)	EN56C	420S29 420S37	X15Cr13 X20Cr13	1.4021 1.4024	420 (Y42) 13Cr (Y42)		
1.2510 (T10)		BO1	100MnCrW4		O1		
1.2344 (T44)		BH13	X40CrMoV5-1		H13		
1.2379 (T79)		BD2	X155CrVMo12-1		D2		

Similar Grades – Grades of similar (not identical) chemistry. Please note the similar grades are based on chemistry only, and may not meet the necessary mechanical properties (in the standard 'as stocked' state).

Grades for Potential Substitution – Grades capable of achieving similar mechanical properties (material may need further treatment to achieve the desired properties). The potential substitution grades are based on mechanical properties, not necessarily the chemical analysis.

NOTES

- 1) Items in blue denote stocked item
- 2) Where queries exist regarding offering similar or substituted grades, please refer to the Sales Team.

For full details on grades, service, technical data and our Future One process please call 0114 2331133