

STEELS		DATA COMPARISON							
		UNI	EURONORM	DIN	Wnr	AFNOR	BS	AISI/SA	JIS/SUS
BUILDING STEELS	Unalloyed structural	S235JRG1 (Fe 37)	S235JRG1 (Fe 37-3 FN)	S235JRG1 (St 37-2)	1.0036 1.0038	S235JRG1	S235JRG1	A 570	STB 35
		S275JR Fe 42 (Fe410)	S275JR (Fe 42-3 FN)	S275JR St 42.8	1.0044	S275JR	S275JR	A 510	SN 400 B
		E295 (Fe 490)	E295	E295 (St50-2)	1.0572	E295	E295		SS 50
	Case-hardening	C10	(C10D)	C10	1.0301 1.0310	XC10	En 2 A	1010	S 10 C
		C15	C15D	C15	1.0401	XC18	En 32 C	1015	S 15 C
		18CrMo4	18CrMo4	18CrMo4	1.7243	18CD4	18CrMo4		
		16MnCr5	16MnCr5	16MnCr5	1.7131	16MC5	16MnCr5	5115	
		16CrNi4		-					
		16NiCr11		14NiCr10	1.5732	16NC11		3415	SNC 21
		20NiCrMo2	20NiCrMo2-2	20NiCrMo2-2	1.6523	20NCD2	805 M 20	5333	SNCM 21
			18CrNiMo7-6	18CrNiMo7-6	1.6587	18NCD6	18CrNi Mo7-6		
				16NiCrMo12-6	1.6782	16NCD13			
	Hardened and tempered			X19NiCrMo4	1.2764				
		C30	C30	C30	1.0528	C30	C30	1030	
		C40	C40	C40	1.0511	C40	C40	1040	
		C45	C45	C45	1.0503	C45	C45	1043	S 45 C
		C50	C50	C50	1.0540	C50	C50	1050	
		C60	C60	C60	1.0601	C60	C60	1060	S 60 CM
		41Cr4	41Cr4	41Cr4	1.7035	42C4	530 M 40	5140	SCr 4
		25CrMo4	25CrMo4	25CrMo4	1.7218	25CD4	25CrMo4	4130	SCM 2
		42CrMo4	42CrMo4	42CrMo4	1.7225	42CrMo4	708 M 40	4140	SCM 4
		40NiCrMo2	40NiCrMo2 KD	40NiCrMo2-2	1.6546	40NCD2	7	8640	SNCM 6
	Surface hardening					40NCD16			
		C43	C46	Cf45	1.1193				S 45 CM
		C53	C53	Cf53	1.1213	XC 48 TS	C53		S 50 CM
		41CrMo4	41CrMo4	41CrMo4	1.7223		5/1	4142	SNB 22-1
	Bearing	51CrMoV4	51CrMoV4	51CrMoV4 (58CrMoV4)	1.7701	51CDV4	-	-	-
		100Cr6	100Cr6	100Cr6	1.3505	100C6	25.135	A29(A295)	SUJ2
	Nitriding	100CrMo7	100CrMo7	100CrMo7	1.3537	100CD7		A485	
		41CrAlMo7	41CrAlMo7	41CrAlMo7	1.8509		En 41 B	6431	SACM 1
Spring	55Si7	55Si7	55Si7	1.5026	55S7	En 45 A	9255		
	50CrV4	51CrV4	51CrV4	1.8159	50CV4	En 47	6150	SUP 10	
Free cutting	CF 95Mn28	115Mn30	95Mn28	1.0715	S 250	230 M 07	1213	SUM 22	
	CF 95MnPb28	115MnPb30	95MnPb28	1.0718	S 250 Pb	115MnPb30	12L13	SUM 23 L	
Tool	55WCrV8 KU	55WCrV8	60WCrV8	1.2550					
	90MnCrV8 KU	90MnCrV8	90MnCrV8	1.2842	90 MV 8	BO 2	O 2		
	107CrV3 KU	107CrV3	115CrV3	1.2210			L 2		