

Material Grade Comparison Table

Steel

Mat. Group	Mat. No.	Germany DIN	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	U.S.A. AISI/SAE UNS	Japan JIS
Plain Steel, Cast Steel, Free-Machining Steel									
P1	1.0332	St14		14491CR		1447		1008	
P1	1.1121	Ck10	CC10	040A10		1264		1010	S10C
P1	1.0721	10S20		210M15				1108	
P1	1.0401	C15	CC12	080M15	C15C16	1350	F.111	1015	S15C
P1	1.0402	C22	CC20	050A20	C20C21	1450	F.112	1020	S20C,S22C
P1	1.1141	Ck15	XC12	080M15	C16	1370	C15K	1015	S15C
P1	1.0036	USt37-3			FE37BFU				
P1	1.0715	95Mn28	S250	230M07	CF95Mn28	1912	11SMn28	1213	SUM22
P1	1.0718	95MnPb28	S250Pb		CF95MnPb28	1914	11SMnPb28	12L3	SUM22L
P2	1.0501	C35	CC35	060A35	C35	1550	F.113	1035	S35C
P2	1.0503	C45	CC45	080M46	C45	1650	F.114	1045	S45C
P2	1.1158	Ck25	XC25	070M25	C25			1025	S25C
P2	1.1183	Cf35	XC38T5	060A35	C36	1572		1035	S35C
P2	1.1191	Ck45	XC42	080M46	C45	1672	C45K	1045	S45C
P2	1.1213	Cf53	XC48T5	060A52	C53	1674		1050	S50C
P3	1.5415	15Mo3	15D3	1501-240	16Mo3KW	2912	16Mo3	ASTMA204GrA	
P3	1.5423	16Mo5		1503-245-420	16Mo5		16Mo5	4520	SB450M
P1	1.0050	St50-2			FE50				SM50YA
P3	1.7242	16CrMo 4	18CrMo4				18CrMo4		
P3	1.7337	16CrMo 4 4			A18CrMo45KW			A387Gr.12Cl.	
P3	1.7362	12CrMo 19 5	Z10CD5.05	3606-625	16CrMo205				
P1	1.0060	St60-2			FE60-2				SM570
P2	1.0535	C55		070M55	C55	1655		1055	S55C
P2	1.0601	C60	CC55	080A62	C60			1060	S60C
P2	1.1203	Ck55	XC55	070M55	C50		C55K	1055	S55C
P2	1.1221	Ck60	XC60	080A62	C60	1678		1060	S58C
P3/4	1.1545	C1051			C100KU				SK3
P3/4	1.1545	C105W1			C100KU				SK3
P1	1.0070	St70-2			FE70-2				
P3/4	1.7238	49CrMo4							
P3/4	1.7561	42CrV6							
P3/4	1.7701	51CrMoV4	51CDV4		51CrMoV4				
Low-Alloy Steel, Cast Steel, Free-Machining Steel									
P3/4	1.2067	100Cr6	Y100C6	BL3			100Cr6	L3	SUJ2
P3/4	1.2210	115CrV3	100C3		107CrV3KU			L2	
P3/4	1.2241	51CrV4							
P3/4	1.2419	105WCr6	105WC13		10WCr6	2140	105WCr5		SKS31
P3/4	1.2419	105WCr6	105WC13		107WCr5KU				SKS31
P3/4	1.2542	45WCrV7		BS1	45WCrV8KU	2710	45WCrSi8	S1	
P3/4	1.2550	60WCrV7	55WC20		58WCr9KU	~2710		S1	
P3/4	1.2713	55NiCrMoV6	55NCDV7				F.520.S	L6	SKH1;SKT4
P3/4	1.2721	50NiCr13				~2550			
P3/4	1.2762	75CrMoNiW67							
P3/4	1.2762	75CrMoNiW67							
P3/4	1.2842	90MnCrV8	90MV8	BO2	88MnV8KU			O2	
P3/4	1.3505	100Cr6	100C6	534A99	100Cr6	2258		52100	SUJ2
P3	1.5622	14Ni6	16N6		14Ni6		15Ni6	ASTMA350LF5	
P3	1.5732	14NiCr10	14NC11		16NiCr11		15NiCr11	3415	SNC415(H)
P3	1.5752	14NiCr14	12NC15	655M13				3415;3310	SNC815(H)
P3/4	1.6511	36CrNiMo4	40NCD3	816M40	38NiCrMo4(KB)		33NiCrMo4	9840	SNCM447
P3/4	1.6523	21NiCrMo2	20NCD2	805M20	20NiCrMo2	2506	20NiCrMo2	8620	SNCM220(H)
P3/4	1.6546	40NiCrMo22		311-TYPE7	40NiCrMo2(KB)		40NiCrMo2	8740	SNCM240
P3/4	1.6582	35CrNiMo6	35NCD6	817M40	35NiCrMo6(KB)	2541		4340	SNCM447
P3	1.6587	17CrNiMo6	18NCD6	820A16				14NiCrMo13	
P3	1.6657	14NiCrMo34		832M13	15NiCrMo13			14NiCrMo131	
P3/4	1.7033	34Cr4	32C4	530A32		34Cr4(KB)	35Cr4	5132	SCR430(H)
P3/4	1.7035	41Cr4	42C4	530M40			42Cr4	5140	SCR440(H)
P3/4	1.7045	42Cr4	42C4T5	530A40	41Cr4	2245	42Cr4	5140	SCR440
P3	1.7131	16MnCr5	16MCS5	(527M20)	16MnCr5	2511	16MnCr5	5115	SCR415
P3/4	1.7176	55Cr3	55C3	527A60				5155	SUP9(A)
P3/4	1.7218	25CrMo4	25CD4	1717CDS110	25CrMo4(KB)	2225	55Cr3	4130	SM420;SCM430
P3/4	1.7220	34CrMo4	35CD4	708A37	35CrMo4	2234	34CrMo4	4137;4135	SCM432;SCRM3

Mat. Group	Mat. No.	Germany DIN	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	U.S.A. AISI/SAE UNS	Japan JIS
Plain Steel, Cast Steel, Free-Machining Steel									
P3/4	1.7223	41CrMo4	42CD4TS	708M40	41CrMo4	2244	42CrMo4	4140;4142	SCM440
P3/4	1.7225	42CrMo4	42CD4	708M40	42CrMo4	2244	42CrMo4	4140	SCM440(H)
P3	1.7262	15CrMo5	12CD4			2216	12CrMo4		SCM415(H)
P3	1.7335	13CrMo4 4	15CD3.5/4.5	1501-620-Gr27	14CrMo45		14CrMo45	ASTMA182	SPVAF12
P3/4	1.7361	32CrMo12	30CD12	722M24	32CrMo12	2240	F.124.A		
P3	1.7380	10CrMo9 10		1501-622Gr31;45				ASTMA182F.22	SPVA,SCMV4
P3	1.7715	14MoV6 3		1503-660-440			13MoCrV6		
P3/4	1.8159	50CrV4	50CrV4	735A50	50CrV4	2230	51CrV4	6150	SUP10
P3/4	1.8159	50CrV4		735A50	51CrV4	2230		6150	SUP10
P3/4	1.3501	100Cr2	100C2					E50100	
P3/4	1.5710	36NiCr6	35NC6	640A35				3135	SNC236
P3/4	1.5736	36NiCr10	30NC11					3435	SNC631(H)
P3/4	1.5755	31NiCr14	18NC13	653M31					SNC836
P3/4	1.7733	24CrMoV55	20CDV6		21CrMoV511				
P3/4	1.7755	GS-45CrMoV104							
P3	1.8070	21CrMoV511			35NiCr9				
P3/4	1.8509	41CrALMo7	40CAD6,12	905M39	41CrAlMo7	2940	41CrAlMo7		SACM645
P3/4	1.8523	39CrMoV139		897M39	36CrMoV12				
P3/4	1.2311	40CrMnMo7			35CrMo8KU				
P5/6	1.4882	X50CrMnNiNbN219	Z50CMNnb21.09						
P3/4	1.5864	35NiCr18							
High-Alloy Steel, Cast Steel									
P3/4	1.2343	X38CrMoV51	Z38CDV5	BH11	X37CrMoV51KU		X37CrMoV5	H11	SKD6
P3/4	1.2344	X40CrMoV51	Z40CDV5	BH13	X40CrMoV511KU	2242	X40CrMoV5	H13	SKD61
P3/4	1.2379	X155CrVMo121	Z160CDV12	BD2	X155CrVMo121KU			D2	SKD11
P3/4	1.2436	X210CrW12			X215CrW121KU	2312	X210CrW12		SKD2
P3/4	1.2581	X30WCrV93	Z30WCV9	BH21	X30WCrV93KU		X30WCrV9	H21	SKD5
P3/4	1.2601	X 165CrMoV12			X165CrMoV12KU	2310	X160CrMoV12		
P3/4	1.2606	X37CrMoW 51	Z35CWDV5	BH12	X35CrMoW05KU		F.537	H12	SKD62
P5/6	1.5662	X8Ni9		1501.509; 50	X10Ni9		XBNI09	ASTMA353	SL9N53
P3	1.5680	12Ni19	Z18N5					2515	
P3/4	1.3202	S12-1-4-5		BT15	HS12-1-5-5		12-1-5-5		
P3/4	1.3207	S10-4-3-10	Z130WKCDV	BT42	HS10-4-3-10				SKH57
P3/4	1.3243	S6-5-2-5	KCV06-05-05-04-02		HS6-5-2-5	2723	6-5-2-5	T15	SKH55
P3/4	1.3246	S7-4-2-5	Z110WKCDV07-05-04		HS7-4-2-5	7-4-2-5	M35		
P3/4	1.3247	S2-10-1-8	Z110DKCWW09-08-04	BM42	HS2-9-1-8	2-10-1-8	M41		SKH51
P3/4	1.3249	S2-9-2-8		BM34			2-9-2-8	M42	
P3/4	1.3343	S6-5-2	Z85WDCV	BM2	HS6-5-2-5	2722		M35	SKH9; SKH51
Stainless Steel, Cast Steel									
P5/6	1.4000	X6Cr13	Z6C13	403S17	X6Cr3	2301	F.3110	403	SUS403
P5/6	1.4001	X6Cr14					F.8401		410S, 429
P5/6	1.4002	X6CrAl13	Z8CA12	405S17	X6CrAl13			405	SUS405
P5/6	1.4006	(G-)X10Cr13	Z10C13	410S21	X12Cr13	2302	F.3401	SUS410	SUS410
P5/6	1.4016	X8Cr17	Z8C17	430S15	X8Cr17	2320	F.3113	430	SUS430
P5/6	1.4021	X20Cr13	Z20C13	420S37	X20Cr13	2303		420	SUS42011
P5/6	1.4027	G-X20Cr14	Z20C13M	420C29					SCS2
P5/6	1.4086	G-X120Cr29		452C11					
P5/6	1.4104	X12CrMoS17	Z10CF17	441S29	X10CrS17	2383	F.3117	430F	SUS430F
P5/6	1.4113	X6CrMo17	Z8CD1701	434S17	X8CrMo17	2325		434	SUS434
P5/6	1.4340	G-X40CrNi274							
P5/6	1.4417	X2CrNiMoSi195				2376		S31500	
P5/6	1.4720	X20CrMo13							
P5/6	1.4724	X10CrAl113	Z10C13	403S17	X10CrAl112		F.311	405	SUS405
P5/6	1.4742	X10CrAl118	Z10CAS18	430S15	X8Cr17		F.3113	430	SUS430
P5/6	1.4762	X10CrAl124	Z10CAS24		X16Cr26	2322		446	SUH446
P5/6	1.4034	X46Cr13	Z40CM	420S45	X40Cr14	2304	F.3405		
P5/6	1.4057	X20CrNi17	Z6CNi6.02	431S29	X16CrNi16	2321		431	SUS431
P5/6	1.4125	X105CrMo17	Z100CD17		X 105CrMo17				SUS440C

Material Grade Comparison Table

Stainless Steel and Cast Iron

Mat. Group	Mat. No.	Germany DIN	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	U.S.A. AISI/SAE UNS	Japan JIS
Austenitic Stainless Steel									
M1	1.4301	X5CrNi189	Z6CN18.09	304S15	X5CrNi1810	2332	F.3551	304	SUS304
M1	1.4310	X12CrNi177	Z12CN17.07	301S21	X2CrNi1807	2331	F.3517	301	SUS301
M1	1.4311	X2CrNi1810	Z2CN18.10	304S62	X2CrNi1810	2371		304LN	SUS304LN
M1	1.4312	G-X10CrNi188	Z10CN18.9M	302C25					
M1	1.4350	X5CrNi189	Z6CN18.09	304S31	X5CrNi1810	2332/2333	F.3551	304	
M1	1.4362	X2CrNiN234	Z2CN23-04AZ			2327		S32304	
M2	1.4401	X5CrNiMo17122	Z6CND17.11	316S16	X5CrNiMo1712	2347	F.3543	316	SUS316
M2	1.4404	X2CrNiMo1810	Z2CND17.12	316S12	X2CrNiMo1712	2343/2348/2553		316L	SUS316
M2	1.4410	G-X10CrNiMo189	Z5CND20.12M						
M2	1.4429	X2CrNiMoN17133	Z2CND17.13	316S63	X2CrNiMoN1713	2375		316LN	SUS316LN
M2	1.4435	X2CrNiMo18143	Z2CND17.12	316S13	X2CrNiMo1712	2353		316L	SCS16
M2	1.4436	X5CrNiMo17133	Z6CND18-12-03	316S33	X8CrNiMo1713	2343/2347		316	SUS316
M2	1.4438	X2CrNiMo18164	Z2CND19.15	317S12	X2CrNiMo1816	2367		317L	SUS317L
M2	1.4500	G-X7NiCrMoCuNb2520	Z3NCDU25.20M						
M2	1.4541	X10CrNiMoTi1810	Z6CNT18.10	321S12	X6CrNiTi1811	2337	F.3553F.3523	321	SUS321
M2	1.4550	X10CrNiNb	Z6CNNb18.10	347S17	X6CrNiNb1811	2338	F.3552F.3524	347	SUS347
M2	1.4552	G-X7CrNiNb189	Z4CNNb19.10M	347C17					
M2	1.4571	X10CrNiMoTi1810	Z6NDT17.12	320S17	X6CrNiMoTi1712	2350	F.3535	316Ti	SUS316Ti
M2	1.4583	X10CrNiMoNb1812	Z6CNDN1713B		X6CrNiMoNb			318	
M2	1.4585	G-X7CrNiMoCuNb1818			X6CrNiMoTi1712				
M1	1.4828	X15CrNiSi2012	Z15CNS20.12	309S24				309	SUH309
M2	1.4845	X12CrNi2521	Z12CN2520	310S24	X6CrNi2520	2361	F.331	310S	SUH310; SUS310S
Austenitic/Ferritic Stainless Steel (Duplex)									
M3	1.4460	X8CrNiMo275				2324		S32900	SUS329J1
M3	1.4462	X2CrNiMoN2253	Z2CND22-05-03			2977			
M3	1.4821	X20CrNiSi254	Z20CNS25.04						
M3	1.4823	G-X40CrNiSi274							
Gray Cast Iron									
K1	0.6010	GG10	Ft10D		G10	110		CLASS20	FC100
K1	0.6015	GG15	Ft15D	GRADE150	G15	115	FG15	CLASS25	FC150
K1	0.6020	GG20	Ft20D	GRADE220	G20	120	FG20	CLASS30	FC200
K1	0.6025	GG25	Ft25D	GRADE260	G25	125	FG25	CLASS35	FC250
K1	0.6030	GG30	Ft30D	GRADE300	G30	130	FG30	CLASS45	FC300
K1	0.6035	GG35	Ft35D	GRADE350	G35	135	FG35	CLASS50	FC350
K1	0.6040	GG40	Ft40D	GRADE400		140		CLASS55	FC400
Gray Cast Iron with Nodular Graphite									
K2	0.7033	GGG35.3				0717-15			FCD350
K2	0.7040	GGG40	FCS400-12	SNG420/12	GGG40	0717-02	GGG40	60-40-18	FCD400
K2	0.7043	GGG40.3	FGS370-17	SNG370/17		0717-12			FCD400
K3	0.7050	GGG50	FGS500-7	SNG500/7	GGG50	0727-02	GGG50	80-55-06	FCD500
K3	0.7060	GGG60	FGS600-3	SNG600/3	GGG60	0732-03	GGG60		FCD600
K3	0.7070	GGG70	FGS700-2	SNG700/2	GGG70	0737-01	GGG70	100-70-03	FCD700
White malleable Cast Iron									
K1	0.8040	GTW-40	MB40-10	W410/4	GMB40		GTW40		
K1	0.8045	GTW-45			GMB45		GTW45		
K1	0.8055	GTW-55					GTW55		
K1	0.8065	GTW-65					GTW65		
K2	0.8135	GTS-35	MN35-10	B340/12		810	GTS35	32510	
K2	0.8145	GTS-45		P440/7		852	GTS45	40010	
K1	0.8035	GTW-35	MB35-7	W340/3			GTW35		
K3	0.8155	GTS-55	MP50-5	P510/4		854	GTS55	50005	
K3	0.8165	GTS-65	MP60-3	P570/3		856	GTS65	70003	
K3	0.8170	GTS-70	M870-2	P690/2		0862; 0864	GTS70	90001	

Material Grade Comparison Table

Non-Ferrous Materials

Mat. Group	Mat. No.	Germany DIN	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	U.S.A. AISI/SAE UNS	Japan JIS
Aluminium Alloys									
N1	3.0255	Al99.5	A59050C	L31/34/36				1000	
N1	3.3315	AlMg1							
N1	3.1655	AlCuSiPb							
N1	3.1754	G-AlCu5Ni1,5	3.4345	AlZnMgCu0,5	AZ4GU/9051	L86	811-04		7050
N2	3.2373	G-AlSi9Mg							
N2	3.2381	G-AlSi10Mg							
N2	3.2382	GD-AlSi10Mg							
N2	3.2383	G-AlSi10Mg (Cu)		LM9		4253		A360.2	
N2	3.2383	GK-AlSi10Mg (Cu)		LM9		4253		A360.2	
N2	3.2581	G-AlSi12		LM6		4261		A413.2	
N2	3.2582	GD-AlSi12				4247		A413.0	A6061
N2	3.2583	G-AlSi12 (Cu)		LM20		4260		A413.1	ADC12
N1	3.3561	G-AlMg5	A-SU 12	LN5		4252		GD-AlSi12	AC4A
N1	3.5101	G-MgZn45E1Zr1	G-Z4TR	MAG5				ZE41	
N1	3.5103	MgSE3Zn2Zr1	G-TR3Z2	MAG6				EZ33	
N1	3.5106	G-MgAg35E2Zr1	G-Ag22,5	MAG12				QE22	
N1	3.5812	G-MgAl8Zn1	G-A9	MAG1				AZ81	
N1	3.5912	G-MgAl9Zn1	G-A9Z1	MAG7				AZ91	
N1	2.1871	G-AlCu4TiMg							
N1	3.2371	G-AlSi7Mg						4218B	
Copper Alloys									
N3	2.1090	G-CuSn7ZnPb	U-E7Z5Pb4					C93200	
N3	2.1096	G-CuSn5ZnPb	U-E5Pb5Z5	LG2				C83600	
N3	2.1098	G-CuSn2ZnPb							
N3	2.1176	G-CuPb10Sn	U-E10Pb10	LB2				C93700	
N3	2.1182	G-CuPb15Sn	U-Pb15E8	LB1				C93800	
N3	2.0240	CuZn15	CuZn15	CZ102				C23000	
N3	2.0265	CuZn30	CuZn30	CZ106				C26000	
N3	2.0321	CuZn37	CuZn36, CuZn37	CZ108	C2700,C2720			C27200, C27700	
N3	2.0592	G-CuZn35Al1	U-Z36N3	HTB1				C86500	
N3	2.0596	G-CuZn34Al2	U-Z36N3	HTB1				C86200	
N3	2.1188	G-CuPb20Sn	U-Pb20	LB5				C94100	
N3	2.1292	G-CuCrF35		CC1-FF				C81500	
N3	2.1293	CuCrZr	U-Cr0,8Zr	CC102				C18200	
N3	2.0966	CuAl10Ni5Fe4	U-A10N	Ca104				C63000	
N3	2.0975	G-CuAl10Ni						B-148-52	
N3	2.1050	G-CuSn10		CT1				C90700	
N3	2.1052	G-CuSn12	UE12P	Pb2				C90800	
N4		Nylon, Plastics, Rubbers, Phenolics and Resins							
N5		Carbon and Graphite Composites, brush alloys, Kevlar, Graphite(280 - 400 HB, 30 - 40 HRC)							
N6		MMC's (Aluminium-based Metal Matrix Composites)							

Material Grade Comparison Table

High-Temp Alloys

Mat. Group	Mat. No.	Germany DIN	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	U.S.A. AISI/SAE UNS	Japan JIS
Super-Alloys Fe-based					US Trade Designation				
S1	1.4558	X2NiCrAlTi3220		NA15	Incoloy 800			N08800	
S1	1.4562	X1NiCrMoCu32287						N08031	
S1	1.4563	X1NiCrMoCuN31274	Z1NCDU31.27					N08028	
S1	1.4864	X12NiCrSi	Z12NCS35.16					330	SUH330
S1	1.4864	X12NiCrSi3616	Z12NCS35.16	NA17				N08330	SUH330
S1	1.4958	X5NiCrAlTi3120							
S1	1.4977	X40CoCrNi2020	Z42CNKDWNb						
					A-286			S66286	
					Greek Ascology			S41800	
					Haynes 556 (HS556)			R30556	
					N155			R30155	
Super-Alloys Co-based					US Trade Designation				
S2					Haynes 188			R30188	
S2					L605 (Haynes 25)			R30605	
S2					MARM-302, 322, 509				
S2					Stellite 6, 21, 31				
Super-alloys Ni-based					US Trade Designation				
S3	2.4360	NiCu30Fe	NU30	NA13	Monel 400				
S3	2.4610	NiMo16Cr16Ti			Hastelloy C-4				
S3	2.4630	NiCr20Ti	NC20T	HR5, 203-4				N06075	
S3	2.4642	NiCr29Fe	NC30Fe		Inconel 690				
S3	2.4810	G-NiMo30			Hastelloy C			N10276	
S3	2.4856	NiCr22Mo9Nb	NC22FeDNb	NA21	Inconel 625			N06625	
S3	2.4858	NiCr21Mo	NC21FeDU	NA16	Incoloy 825			N08825	
S3	2.4375	NiCu30 Al	NU30AT	NA18	Monel K-500				
S3	2.4668	NiCr19FeNbMo	NC19FeNb		Inconel 718			N07718	
S3	2.4669	NiCr15Fe7TiAl	NC15TNbA		Inconel X-750			N07750	
S3	2.4685	G-NiMo28			Hastelloy B			N10001	
S3	2.4694	NiCr16Fe7TiAl			Inconel 751			N00751	
Titanium and titanium alloys					US Trade Designation				
S4	3.7025	Ti 1		2TA1				R50250	
S4	3.7124	TiCu2		2TA21-24					
S4	3.7195	TiAl3V2.5							
S4	3.7225	Ti1Pd		TP1				R52250	
S4	3.7115	TiAl5Sn2							
S4	3.7145	TiAl6Sn2Zr4Mo2Si						R54620	
S4	3.7165	TiAl6V4	T-A6V	TA10-13; TA28	TiAl6V4			R56400	
S4	3.7175	TiAl6V6Sn2			Ti6V6Al2Sn			R56620	
S4	3.7185	TiAl4Mo4Sn2		TA45-51; TA57					

Material Grade Comparison Table

Hardened Materials

Mat. Group	Mat. No.	Germany DIN	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	U.S.A. AISI/SAE UNS	Japan JIS
White Cast Iron									
H1	0.9620	G-X260NiCr42		Grade 2A		0512-00		Ni- Hard 2	
H1	0.9625	G-X330NiCr42		Grade 2B		0513-00		Ni- Hard 1	
H1	0.9630	G-X300CrNiSi952						Ni- Hard 4	
H1	0.9635	G-X300CrMo153							
Hardened Cast Iron									
H1	0.9640	G-X300CrMoNi1521							
H1	0.9645	G-X260CrMoNi2021							
H1	0.9650	G-X260Cr27		Grade 3D		0466-00		A532III A25%Cr	
H1	0.9655	G-X300CrMo271							
H1	0.9655	G-X300CrMo271		Grade 3E				A532III A25%Cr	