

Material no.	DIN standard		AISI /SAE standard	More international standards
1.0037	St37-2	S235JR		STKM 12C;12C (JIS G 3445-1988)
1.0043	S255JRG2	S235JR		STKM 12C;12C (JIS G 3445-1988)
1.0045	S355JRG2	St52-3Nb		SM 490 YB (JIS G 3106-1995)
1.0060	St60-2			
1.0133	QSt44-3			
1.0144	St44-3	S245		
1.0234	QSt38-3			SWRCH15R (JIS G 3507-1991)
1.0288	D5-2			
1.0301	C10	1010	SAE M1010, UNS G10100	JIS S10C
1.0303	QSt32-3			SWRCH6R (JIS G 3507-1991)
1.0312	DC05 // D5-1B	St15	SAE 1001	
1.0319	L210GA			
1.0332	StW22			SPHD (JIS G 3131-1996)
1.0335	DD13	StW24		
1.0338	DC04	St14		SPCE (JIS G 3141-1996)
1.0355	DX53D	St05Z		
1.0389	DD14			
1.0398	DD12	StW23		
1.0401	C15		SAE M1015; SAE M1017; UNS G10150; UNS G10170	S15C (JIS G 4051-1979)
1.0402	C22		AISI 1020; SAE M1020; SAE M1023; UNS G10200	S20C (JIS G 4051-1979)
1.0432	C21			
1.0454	SkbGrade2			
1.0460	C22.8			
1.0468	15Mn3Al	3225		
1.0479	13Mn6			
1.0480	H240LA	ZStE260		
1.0481	P295GH			SG365 (JIS G 3116-1990)
1.0489	ZStE300			
1.0496	12Mn6			
1.0501	C35		AISI 1035; AISI 1040; UNS G10350; UNS G10400	S35C (JIS G 4051-1979)
1.0501	C35	2635	UNS G10350	S35C (JIS G 4051-1979)
1.0503	C45	1045	AISI 1043; AISI 1045; UNS G10430; UNS G10450	S45C (JIS G 4051-1979)
1.0516	C38D			
1.0535	C55		AISI 1055; UNS G10550	S55C (JIS G 4051-1979)
1.0562	P355N		UNS K02803	
1.0570	St52-3 / St52-3Nb	S355J2G3		SM490YB (JIS G 3106-1995)
1.0601	C60	1060	AISI 1060; UNS G10600	S58C (JIS G 4051-1979)
1.0605	C75			
1.0617	D73-2			SWRH72A (JIS G 3506-1996)
1.0715	9SMn28		AISI 1213; UNS G12130	SUM 22 (JIS G 4804-1983)
1.0715	11SMn30	4112	UNS G12130	SUM 22 (JIS G 4804-1983)
1.0736	9SMn36	1215	AISI 1215; UNS G12150	SUM 25 (JIS G 4804-1983)
1.0737	11SMnPb37	4911	UNS G12150	SUM 25 (JIS G 4804-1983)
1.0972	S315MC			
1.0974	QStE340TM			
1.0976	S355MC			
1.0978	QStE380TM			
1.0978	S380MC			
1.0980	S420MC			
1.0982	S460MC			
1.0984	S500MC			
1.1117	8Mn4			
1.1127	36Mn6			
1.1127x	40MnCrV6			
1.1132	Cq15		AISI 1016	SWRCH15K (JIS G 3507-1991)
1.1133	20Mn5		AISI 1022; AISI 1522; AISI 1522H; SAE 1518	SMnC 420; SMnC 21 (JIS G 4106-1979)
1.1141	Ck15		AISI 1015; AISI 1017; UNS G10150; UNS G10170	S15CK (JIS G 4051-1979)
1.1141	C15E	2615	UNS G10150	S15CK (JIS G 4051-1979)
1.1146	30Mn4		AISI 1033; UNS G10330	
1.1161	26Mn5	3228	UNS G15260/G15270	
1.1165	30Mn5		AISI 1330; AISI 1330H; UNS G13300; UNS H13300	
1.1166	34Mn5		AISI 1536; UNS G15360	SMn433H; SMn1H (JIS G 4052-1979)
1.1167	36Mn5		AISI 1335; AISI 1335H; AISI 1541; AISI 1541H; SAE	SMn438H; SMn2H (JIS G 4052-1979)
1.1170	28Mn6			
1.1181	Ck35		AISI C1034; UNS G10340	S38C (JIS G 4051-1979)
1.1183	Cf35		AISI C1034; UNS G10340	S38C (JIS G 4051-1979)
1.1191	Ck45		AISI 1042; AISI 1045; AISI 1045H; UNS G10420	S48C (JIS G 4051-1979)
1.1192	Cq45			SWRCH45K (JIS G 3507-1991)
1.1210	Ck53			S53C (JIS G 4051-1979)
1.1213	Cf53	3655		S50C (JIS G 4051-1979)
1.1219	Cf54			
1.1231	Ck67		AISI 1070; UNS G10700	
1.1241	C50R	3645		
1.1269	Ck85		AISI 1086; UNS G10860	
1.1303	38MnVS6	38MnSiVS6		
1.1545	C105W1		AISI W 110; UNS T72301	
1.2080	X210Cr12		AISI D 3; UNS T30403	SKD 1 (JIS G 4404-1983)
1.2379	X155CrVMo12.1		AISI D 2; UNS T30402	SKD 11 (JIS G 4404-1983)
1.2714	56NiCrMoV7	55NiCrMoV7		
1.2735	15NiCr13		AISI P 6; UNS T51606	
1.2735	15NiCr14		AISI P 6; UNS T51606	
1.2765	X54NiCrMoW4			

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1.2782	X16CrNiSi2520			
1.3243	S6-5-2-5			SKH 55 (JIS G 4403-1983)
1.3343	S6-5-2		AISI 611; AISI M 2; UNS T11302; UNS T11302	SKH 51 (JIS G 4403-1983)
1.3505	100Cr6		AISI E52100; UNS G52100	SUJ 4 (JIS G 4805-1990)
1.3523	19MnCr5			
1.3553	X82WMoCrV654			
1.3558	X75WCrV1841			
1.3563	43CrMo4			
1.4006	X10Cr13		AISI 410; UNS S41000	SUS 410 (JIS G 4318-1991)
1.4016	X8Cr13		AISI 430; UNS S43000	SUS 430 (JIS G 4318-1991)
1.4021	X20Cr13		AISI 420; UNS S42000	SUS 420 J1 (JIS G 4318-1991)
1.4034	X40Cr13			
1.4057	X22CrNi17		AISI 431; UNS S43100	SUS 431 (JIS G 4303-1990)
1.4119	X15CrMo13			
1.4300	X12CrNi1712			
1.4301	X5CrNi18-10		AISI 304; UNS S30400	SUS 304-CSP (JIS G 4313-1996)
1.4303	X5CrNi1812		AISI 305(L); AISI 308; UNS S30500; UNS S30800	SUS 305 J1 (JIS G 4318-1991)
1.4307	X8CrNi1212		AISI 304L	
1.4319	X3CrNi17-8		AISI 302; UNS S30200	
1.4361	X1CrNiSi18.15			
1.4401	X5CrNiMo1810		AISI 316; UNS S31600	SUS Y 316 (JIS G 4316-1991)
1.4401	X5CrNiMo17-12-2		AISI 316; UNS S31600	SUS Y 316 (JIS G 4316-1991)
1.4404	X2CrNiMo17-12-2		AISI 316; UNS S31600	SUS Y 316 (JIS G 4316-1991)
1.4436	X5CrNiMo17133		AISI 316; UNS S31600	SUS 316 (JIS G 4304-1991)
1.4462	X2CrNiMoN22-5-3		UNS S31803	
1.4506	X4NiCrMoCuNb20182			
1.4510	X6CrTi17		AISI 430Ti; AISI 439; UNS S43036; UNS S43900	
1.4541	X10CrNiTi189		AISI 321; UNS S32100	SUS 321 (JIS G 4303-1990)
1.4541	X6CrNiTi18-10		AISI 321; UNS S32100	SUS 321 (JIS G 4303-1990)
1.4571	X10CrNiMoTi18.10		AISI 316Ti; UNS S31635	
1.4718	X45CrSi93		SAE HNV3; UNS S65007	SUH 11 (JIS G 4311-1991)
1.4828	X15CrNiSi20-12		AISI 309; UNS S30900	SUH 309 (JIS G 4312-1991)
1.4841	X15CrNiSi2520		AISI 310; AISI 314; UNS S31000; UNS S31400	SUS Y 310 (JIS G 4316-1991)
1.4843	CrNi2520			
1.4871	X53CrMnNiN219		SAE EV8; UNS S63008	SUH 36 (JIS G 4311-1991)
1.4922	X20CrMoV121			
1.4945	X6CrNiWNB1616	X6CrNiWNB1616		
1.4962	X12CrNiWTiB1613	X12CrNiWTiB1613		
1.4971	X12CrCoNi2120		AISI 661; SAE (HEV1); UNS R30155	SUH 661 (JIS G 4312-1991)
1.4977	X40CoCrNi2020			
1.4980	X6NiCrTiMoVB25-15-2		AISI 660; SAE HEV7; UNS S66286	
1.5024	46Si7			
1.5223	42MnV7			
1.5415	15Mo3			
1.5506	18B3			
1.5523	19MnB4		AISI 15B21H; UNS H15211	SWRCHB420 (JIS G 3508-1991)
1.5528	22MnB5	15B22	SAE 15B22	
1.5532	38MnB5	10B40	10B40	
1.5710	36NiCr6		AISI 3135	SNC 236;SNC 1 (JIS G 4102-1979)
1.5711	40NiCr6		AISI 3140; AISI A3141; SAE 3140; SAE NV4	
1.5752	14NiCr14		AISI E3310; AISI E3316; AISI E9314; AISI E9315	SNC 815H;SNC 22H (JIS G 4052-1979)
1.5919	15CrNi6		AISI 4320; AISI 4320H; UNS G43200; UNS H43200	
1.5952	45Ni15			
1.6311	20MnMoNi4-5			
1.6358	X2CrNiWTi1613			
1.6359	X2NiCoMo18-8-5		Maraging 250 / C250 / SAE AMS6512 / UNS K92890	
1.6511	36NiCrMo4		AISI 9840; UNS G98400	
1.6522	20NiCrMo2			
1.6523	21NiCrMo2		AISI 8617; AISI 8617H; AISI 8620; AISI 8620H	SNCM 220H;SNCM 21H (JIS G 4052-1979)
1.6580	30CrNiMo8			SNCM 447;SNCM 9 (JIS G 4103-1979)
1.6582	34CrNiMo6			SNCM 447;SNCM 9 (JIS G 4103-1979)
1.6587	17CrNiMo6			
1.6745	40NiMoCr105			
1.6903	X10CrNiTi1810		AISI 321; UNS S32100	SUS 321 (JIS G 4303-1990)
1.6928X1	41SiNiCrMoV76	300M		
1.6932	28NiCrMoV85			
1.6932mod.	28NiCrMoV84		4330M / AMS 6411/ AMS 6427/ UNS K2 3080	
1.6946	30CrMoNiV511			
1.6946X2	45CrMoNiV511	D6AC		
1.7015	15Cr3		AISI 5015; UNS G50150	SCr 415H;SCr 21H (JIS G 4052-1979)
1.7033	34Cr4		AISI 5132; AISI 5132H; UNS G51320; UNS H51320	SCr 430H;SCr 2H (JIS G 4052-1979)
1.7035	41Cr4		AISI 5140; AISI 5140H; UNS H51400; UNS H51400	SCr 440H;SCr 4H (JIS G 4052-1979)
1.7039	41CrS4			
1.7045	42Cr4			
1.7103	67SiCr5			
1.7108	60SiCr7			
1.7131	15MnCr5		SAE 5115; UNS G51150	
1.7131	16MnCr5		SAE 5115; UNS G51150	
1.7147	20MnCr5		AISI 5120; AISI 5120H; UNS G51200; UNS H51200	SMnC 420H;SMnC 21H (JIS G 4052-1979)
1.7148	30MnCrB4			
1.7176	55Cr3		AISI 5155H; SAE 5155; UNS G51550; UNS H51550	SUP 9A (JIS G 4801-1984)
1.7218	25CrMo4		AISI 4130; AISI 4130H; UNS G41300; UNS H41300	SCM 430;SCM 2 (JIS G 4105-1979)

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1.7220	34CrMo4	SCM435		SCM 435H
1.7225	42CrMo4		AISI 4140; AISI 4140H; SAE 4140; SAE NV7	SNB 7 (JIS G 4107-1994)
1.7226	34CrMoS4			
1.7242	16CrMo4			SCM 418H (JIS G 4052-1979)
1.7321	20MoCr4		AISI 4118; AISI 4118H; UNS G41180; UNS H41180	
1.7325	25MoCr4			
1.7335	13CrMo4-5			SFVA F12 (JIS G 3203-1988)
1.7360	31CrMo125			
1.7380	10CrMo9-10			SFVA F22B (JIS G 3203-1988)
1.7383	11CrMo9-10			SFVA F22B (JIS G 3203-1988)
1.8159	50CrV4		AISI 6150; AISI 6150H; UNS G61500; UNS H61500	SUP 10 (JIS G 4801-1984)
1.8515	31CrMo12			
1.8827	S460M			
1.8902	S420N			
1.8905	StE460		UNS K02900	SM 520 C (JIS G 3106-1995)
1.8910	S380L			
1.8915	TStE460			
1.8977	StE480.7TM			
1.9911	30Ni10			
1.nv01	62SiCr5			
1.nv02	24MnV4			
1.nv03	37MnVS6			
1.nv05	C70			
2.0070	Cu99,9			
2.0230	CuZn10			
2.0265	CuZn30			
2.0320	CuZn37			
2.0402	CuZn40Pb2			
2.0460	CuZn20Al			
2.0470	CuZn28Sn			
2.0842	CuNi44		(AISI) Ferry Alloy	
2.0855	CuNi2Si			
2.0882	CuNi30Fe			
2.0916	CuAl5			
2.0920	CuAl8			
2.2140	ZnAl4			
2.2141	ZnAl4Cu1			
2.2203	ZnCu1Ti0,1			
2.2Zn1	ZnAl11Cu1Mg0,035			
2.2Zn2	ZnAl27Cu2,3Mg0,015			
2.3040	Pb99,9			
2.4050	Ni99,8			
2.4116	NiMn5			
2.4375	NiCu30Al			
2.4634	NiCo20Cr15MoAlTi			
2.4642	NiCr29Fe		UNS N06690, alloy 690	
2.4650	NiCo20Cr20MoTi	NiCo20Cr20Mo5Ti2Al	UNS N07263, alloy 623	
2.4654	NiCr20Co14Mo4Ti3Al	NiCr20Co14Mo	UNS N07001, Waspaloy	
2.4663	NiCr23Co12Mo		UNS 06617, alloy 617	
2.4663 mod	NiCr18Co12Mo9Ti		UNS 06617, alloy 617	
2.4665	NiCr22Fe18Mo	NiCr19Fe19Nb5Mo3	N06002, alloy HX, Hastelloy X	
2.4668	NiCr19NbMo	Inconel718	SAE XEV-I; UNS N07718	(IN718)
2.4668+	NiCr19Fe9Co9Nb5Mo3AlWTi		UNS N07818; Allvac 718plus	
2.4669	NiCr15Fe7TiAl		AISI 688; UNS N07750	
2.46xx	NiCr16Co15Ti5MoAl		UNS 06617, Udimet 720Li	
2.4816	NiCr15Fe	Inconel 600		
2.4819	NiMo16Cr15W		UNS N10276	
2.4856	NiCr22Mo9Nb	Inconel 625	alloy 625; UNS N06625 grade1	
2.4870	NiCr10			
2.4952	NiCr20TiAl			
3.0255	Al99,5		1050A	A1050 (alt: A1x1)
3.0275	Al99,7		1070A	A1070 (alt: A1x0)
3.0285	Al99,8		1080A	A1080 (alt: A1xS)
3.0515	AlMn		3103	
3.1325	AlCuMg1		2017A	A2017 (alt: A3x2)
3.1355	AlCuMg2		2024	A2024 (alt: A3x4)
3.2315	AlMgSi1		6082	
3.3206	AlMgSi0,5		6060 / 6063	A6063 (alt: A2x5)
3.3527	AlMg2Mn0,8		5049	
3.3535	AlMg3		5754	
3.3547	AlMg4,5Mn		5083	A5083 (alt: A2x7)
3.3555	AlMg5		5056A	A5056 (alt: A2x2)
3.4365	AlZnMgCu1,5		7075	A7075 (alt: A3x6)
3.7025	Ti99,8		ASTM Ti grade 1; UNS R50250	
3.7115	TiAl5Sn2,5			
3.7144	Ti6Al2Sn4Zr2Mo	Ti6242	Ti-6-2-4-2; UNS R54620	
3.7165	TiAl6V4		ASTM grade 5; UNS R56401	
3.7Ti1	TiV13Cr11Al3			
3.7Ti2	TiAl8Mo1V1			
A6056	AlSi1MgCuMn		AA 6056	
	CuZn28	CW504L		