

International Material Grade Comparison Table

The standards that correspond with DIN Material Numbers can only be compared approximately.
The use of these equivalents has to be evaluated on a case-by-case basis.

Steel								
Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
Plain Steel, Cast Steel, Free-Machining Steel								
1.0332	St14	1008		14491CR		1447		
1.1121	Ck10	1010	CC10	040A10		1264		S10C
1.0721	10S20	1108		210M15				
1.0401	C15	1015	CC12	080M15	C15C16	1350	F.111	S15C
1.0402	C22	1020	CC20	050A20	C20C21	1450	F.112	
1.1141	Ck15	1015	XC12	080M15	C16	1370	C15K	S15C
1.0036	UST37-3			FE37B	FU			
1.0715	9SMn28	1213	S250	230M07	CF9SMn28	1912	11SMn28	SUM22
1.0718	9SMnPb28	12L3	S250Pb		CF9SMnPb28	1914	11SMnPb28	SUM22L
1.0501	C35	1035	CC35	060A35	C35	1550	F.113	S35C
1.0503	C45	1045	CC45	080M46	C45	1650	F.114	S45C
1.1158	Ck25	1025	XC25	070M25	C25			S25C
1.1183	Cf35	1035	XC38TS	060A35	C36	1572		S35C
1.1191	Ck45	1045	XC42	080M46	C45	1672	C45K	S45C
1.1213	Cf53	1050	XC48TS	060A52	C53	1674		S50C
1.5415	15Mo3	ASTMA204GrA	15D3	1501-240	16Mo3KW	2912	16Mo3	
1.5423	16Mo5	4520		1503-245-420	16Mo5		16Mo5	SB450M
1.0050	St50-2			FE50			SM50YA	
1.7242	16CrMo 4		18CrMo4			18CrMo4		
1.7337	16CrMo 4 4	A387Gr.12Cl.			A18CrMo45KW			
1.7362	12CrMo 19 5		Z10CD5.05	3606-625	16CrMo205			
1.0060	St60-2			FE60-2			SM570	
1.0535	C55	1055		070M55	C55	1655		S55C
1.0601	C60	1060	CC55	080A62	C60			S60C
1.1203	Ck55	1055	XC55	070M55	C50		C55K	S55C
1.1221	Ck60	1060	XC60	080A62	C60	1678		S58C
1.1545	C1051			C100KU			SK3	
1.1545	C105W1			C100KU			SK3	
1.0070	St70-2			FE70-2				
1.7238	49CrMo4							
1.7561	42CrV6							
1.7701	51CrMoV4		51CDV4		51CrMoV4			
Low-Alloy Steel, Cast Steel, Free-Machining Steel								
1.2067	100Cr6	L3	Y100C6	BL3			100Cr6	SUJ2
1.2210	115CrV3	L2	100C3		107CrV3KU			
1.2241	51CrV4							
1.2419	105WCr6		105WC13		10WCr6	2140	105WCr5	SKS31

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
1.2419	105WCr6		105WC13		107WCr5KU			SKS31
1.2542	45WCrV7	S1		BS1	45WCrV8KU	2710	45WCrSi8	
1.2550	60WCrV7	S1	55WC20		58WCr9KU	~2710		
1.2713	55NiCrMoV6	L6	55NCDV7				F.520.S	SKH1;SKT4
1.2721	50NiCr13					~2550		
1.2762	75CrMoNiW67							
1.2762	75CrMoNiW67							
1.2842	90MnCrV8	O2	90MV8	BO2	88MnV8KU			
1.3505	100Cr6	52100	100C6	534A99	100Cr6	2258		SUJ2
1.5622	14Ni6	ASTMA350LF5	16N6		14Ni6		15Ni6	
1.5732	14NiCr10	3415	14NC11		16NiCr11		15NiCr11	SNC415(H)
1.5752	14NiCr14	3415;3310	12NC15	655M13				SNC815(H)
1.6511	36CrNiMo4	9840	40NCD3	816M40	38NiCrM04(KB)		33NiCrMo4	SNCM447
1.6523	21NiCrMo2	8620	20NCD2	805M20	20NiCrMo2	2506	20NiCrMo2	SNCM220(H)
1.6546	40NiCrMo22	8740		311-TYPE7	40NiCrM02(KB)		40NiCrMo2	SNCM240
1.6582	35CrNiMo6	4340	35NCD6	817M40	35NiCrMo6(KB)	2541		SNCM447
1.6587	17CrNiMo6		18NCD6	820A16			14NiCrMo13	
1.6657	14NiCrMo34			832M13	15NiCrMo13		14NiCrMo131	
1.7033	34Cr4	5132	32C4	530A32		34Cr4(KB)	35Cr4	SCR430(H)
1.7035	41Cr4	5140	42C4	530M40			42Cr4	SCR440(H)
1.7045	42Cr4	5140	42C4TS	530A40	41Cr4	2245	42Cr4	SCR440
1.7131	16MnCr5	5115	16MC5	(527M20)	16MnCr5	2511	16MnCr5	SCR415
1.7176	55Cr3	5155	55C3	527A60				SUP9(A)
1.7218	25CrMo4	4130	25CD4	1717CDS110	25CrMo4(KB)	2225	55Cr3	SM420;SCM430
1.7220	34CrMo4	4137;4135	35CD4	708A37	35CrMo4	2234	34CrMo4	SCM432;SCCRM3

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
Plain Steel, Cast Steel, Free-Machining Steel								
1.0332	St14	1008		14491CR		1447		
1.1121	Ck10	1010	CC10	040A10		1264		S10C
1.0721	10S20	1108		210M15				
1.0401	C15	1015	CC12	080M15	C15C16	1350	F.111	S15C
1.0402	C22	1020	CC20	050A20	C20C21	1450	F.112	S20C,S22C
1.1141	Ck15	1015	XC12	080M15	C16	1370	C15K	S15C
1.0036	USt37-3				FE37BFU			
1.0715	9SMn28	1213	S250	230M07	CF9SMn28	1912	11SMn28	SUM22
1.0718	9SMnPb28	12L3	S250Pb		CF9SMnPb28	1914	11SMnPb28	SUM22L
1.0501	C35	1035	CC35	060A35	C35	1550	F.113	S35C
1.0503	C45	1045	CC45	080M46	C45	1650	F.114	S45C
1.1158	Ck25	1025	XC25	070M25	C25			S25C
1.1183	Cf35	1035	XC38TS	060A35	C36	1572		S35C
1.1191	Ck45	1045	XC42	080M46	C45	1672	C45K	S45C
1.1213	Cf53	1050	XC48TS	060A52	C53	1674		S50C

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
1.5415	15Mo3	ASTMA204GrA	15D3	1501-240	16Mo3KW	2912	16Mo3	
1.5423	16Mo5	4520		1503-245-420	16Mo5		16Mo5	SB450M
1.0050	St50-2				FE50			SM50YA
1.7242	16CrMo 4		18CrMo4			18CrMo4		
1.7337	16CrMo 4 4	A387Gr.12Cl.			A18CrMo45KW			
1.7362	12CrMo 19 5		Z10CD5.05	3606-625	16CrMo205			
1.0060	St60-2				FE60-2			SM570
1.0535	C55	1055		070M55	C55	1655		S55C
1.0601	C60	1060	CC55	080A62	C60			S60C
1.1203	Ck55	1055	XC55	070M55	C50		C55K	S55C
1.1221	Ck60	1060	XC60	080A62	C60	1678		S58C
1.1545	C1051				C100KU			SK3
1.1545	C105W1				C100KU			SK3
1.0070	St70-2				FE70-2			
1.7238	49CrMo4							
1.7561	42CrV6							
1.7701	51CrMoV4		51CDV4		51CrMoV4			
Low-Alloy Steel, Cast Steel, Free-Machining Steel								
1.2067	100Cr6	L3	Y100C6	BL3			100Cr6	SUJ2
1.2210	115CrV3	L2	100C3		107CrV3KU			
1.2241	51CrV4							
1.2419	105WCr6		105WC13		10WCr6	2140	105WCr5	SKS31
1.2419	105WCr6		105WC13		107WCr5KU			SKS31
1.2542	45WCrV7	S1		BS1	45WCrV8KU	2710	45WCrSi8	
1.2550	60WCrV7	S1	55WC20		58WCr9KU	~2710		
1.2713	55NiCrMoV6	L6	55NCDV7				F.520.S	SKH1;SKT4
1.2721	50NiCr13					~2550		
1.2762	75CrMoNiW67							
1.2762	75CrMoNiW67							
1.2842	90MnCrV8	O2	90MV8	BO2	88MnV8KU			
1.3505	100Cr6	52100	100C6	534A99	100Cr6	2258		SUJ2
1.5622	14Ni6	ASTMA350LF5	16N6		14Ni6		15Ni6	
1.5732	14NiCr10	3415	14NC11		16NiCr11		15NiCr11	SNC415(H)
1.5752	14NiCr14	3415;3310	12NC15	655M13				SNC815(H)
1.6511	36CrNiMo4	9840	40NCD3	816M40	38NiCrM04(KB)		33NiCrMo4	SNCM447
1.6523	21NiCrMo2	8620	20NCD2	805M20	20NiCrMo2	2506	20NiCrMo2	SNCM220(H)
1.6546	40NiCrMo22	8740		311-TYPE7	40NiCrM02(KB)		40NiCrMo2	SNCM240
1.6582	35CrNiMo6	4340	35NCD6	817M40	35NiCrMo6(KB)	2541		SNCM447
1.6587	17CrNiMo6		18NCD6	820A16			14NiCrMo13	
1.6657	14NiCrMo34			832M13	15NiCrMo13		14NiCrMo131	
1.7033	34Cr4	5132	32C4	530A32		34Cr4(KB)	35Cr4	SCR430(H)
1.7035	41Cr4	5140	42C4	530M40			42Cr4	SCR440(H)
1.7045	42Cr4	5140	42C4TS	530A40	41Cr4	2245	42Cr4	SCR440
1.7131	16MnCr5	5115	16MC5	(527M20)	16MnCr5	2511	16MnCr5	SCR415

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
1.7176	55Cr3	5155	55C3	527A60				SUP9(A)
1.7218	25CrMo4	4130	25CD4	1717CDS110	25CrMo4(KB)	2225	55Cr3	SM420;SCM430
1.7220	34CrMo4	4137;4135	35CD4	708A37	35CrMo4	2234	34CrMo4	SCM432;SCCRM3
Plain Steel, Cast Steel, Free-Machining Steel								
1.7223	41CrMo4	4140;4142	42CD4TS	708M40	41CrMo4	2244	42CrMo4	SCM440
1.7225	42CrMo4	4140	42CD4	708M40	42CrMo4	2244	42CrMo4	SCM440(H)
1.7262	15CrMo5		12CD4			2216	12CrMo4	SCM415(H)
1.7335	13CrMo4 4	ASTMA182	15CD3.5/4.5	1501-620-Gr27	14CrMo45		14CrMo45	SPVAF12
1.7361	32CrMo12		30CD12	722M24	32CrMo12	2240	F.124.A	
1.7380	10CrMo9 10	ASTMA182F.22 SPV		1501-622Gr31;45				
1.7715	14MoV6 3			1503-660-440			13MoCrV6	
1.8159	50CrV4	6150	50CrV4	735A50	50CrV4	2230	51CrV4	SUP10
1.8159	50CrV4	6150		735A50	51CrV4	2230		SUP10
1.3501	100Cr2	E50100	100C2					
1.5710	36NiCr6	3135	35NC6	640A35				SNC236
1.5736	36NiCr10	3435	30NC11					SNC631(H)
1.5755	31NiCr14	SNC836	18NC13	653M31				
1.7733	24CrMoV55		20CDV6		21CrMoV511			
1.7755	GS-45CrMoV104							
1.8070	21CrMoV511				35NiCr9			
1.8509	41CrALMo7	SACM645	40CAD6,12	905M39	41CrAlMo7	2940	41CrAlMo7	
1.8523	39CrMoV139			897M39	36CrMoV12			
1.2311	40CrMnMo7				35CrMo8KU			
1.4882	X50CrMnNiNbN219		Z50CMNNb21.09					
1.5864	35NiCr18							
High-Alloy Steel, Cast Steel								
1.2343	X38CrMoV51	H11	Z38CDV5	BH11	X37CrMoV51KU		X37CrMoV5	SKD6
1.2344	X40CrMoV51	H13	Z40CDV5	BH13	X40CrMoV511KU	2242	X40CrMoV5	SKD61
1.2379	X155CrVMo121	D2	Z160CDV12	BD2	X155CrVMo121KU			SKD11
1.2436	X210CrW12				X215CrW121KU	2312	X210CrW12	SKD2
1.2581	X30WCrV93	H21	Z30WCV9	BH21	X30WCrV93KU		X30WCrV9	SKD5
1.2601	X 165CrMoV12				X165CrMoW12KU	2310	X160CrMoV12	
1.2606	X37CrMoW 51	H12	Z35CWDV5	BH12	X35CrMoW05KU		F.537	SKD62
1.5662	X8Ni9	ASTMA353		1501.509; 50	X10Ni9		XBNI09	SL9N53
1.5680	12Ni19	2515	Z18N5					
1.3202	S12-1-4-5			BT15	HS12-1-5-5		12-1-5-5	
1.3207	S10-4-3-10		Z130WKCDV	BT42	HS10-4-3-10			SKH57
1.3243	S6-5-2-5	T15	KCV06-05-05-04-02		HS6-5-2-5	2723	6-5-2-5	SKH55
1.3246	S7-4-2-5		Z110WKCDV07-05-04		HS7-4-2-5	7-4-2-5	M35	
1.3247	S2-10-1-8		Z110DKCWV09-08-04	BM42	HS2-9-1-8	2-10-1-8	M41	SKH51
1.3249	S2-9-2-8	M42		BM34			2-9-2-8	
1.3343	S6-5-2	M35	Z85WDCV	BM2	HS6-5-2-5	2722		SKH9; SKH51
Stainless Steel, Cast Steel								
1.4000	X6Cr13	403	Z6C13	403S17	X6Cr3	2301	F.3110	SUS403

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
1.4001	X6Cr14						F.8401	410S, 429
1.4002	X6CrAl13	405	Z8CA12	405S17	X6CrAl13			SUS405
1.4006	(G-)X10Cr13	SUS410	Z10C13	410S21	X12Cr13	2302	F.3401	SUS410
1.4016	X8Cr17	430	Z8C17	430S15	X8Cr17	2320	F.3113	SUS430
1.4021	X20Cr13	420	Z20C13	420S37	X20Cr13	2303		SUS420J1
1.4027	G-X20Cr14		Z20C13M	420C29				SCS2
1.4086	G-X120Cr29			452C11				
1.4104	X12CrMoS17	430F	Z10CF17	441S29	X10CrS17	2383	F.3117	SUS430F
1.4113	X6CrMo17	434	Z8CD1701	434S17	X8CrMo17	2325		SUS434
1.4340	G-X40CrNi274							
1.4417	X2CrNiMoSi195	S31500				2376		
1.4720	X20CrMo13							
1.4724	X10CrA113	405	Z10C13	403S17	X10CrA112		F.311	SUS405
1.4742	X10CrA118	430	Z10CAS18	430S15	X8Cr17		F.3113	SUS430
1.4762	X10CrA124	446	Z10CAS24		X16Cr26	2322		SUH446
1.4034	X46Cr13		Z40CM	420S45	X40Cr14	2304	F.3405	
1.4057	X20CrNi17	431	Z6CNi6.02	431S29	X16CrNi16	2321		SUS431
1.4125	X105CrMo17		Z100CD17		X 105CrMo17			SUS440C

Stainless Steel and Cast Iron

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS

Austenitic Stainless Steel

1.4301	X5CrNi189	304	Z6CN18.09	304S15	X5CrNi1810	2332	F.3551	SUS304
1.4310	X12CrNi177	301	Z12CN17.07	301S21	X2CrNi1807	2331	F.3517	SUS301
1.4311	X2CrNiN1810	304LN	Z2CN18.10	304S62	X2CrNiN1810	2371		SUS304LN
1.4312	G-X10CrNi188		Z10CN18.9M	302C25				
1.4350	X5CrNi189	304	Z6CN18.09	304S31	X5CrNi1810	2332/2333	F.3551	
1.4362	X2CrNiN234	S32304	Z2CN23-04AZ			2327		
1.4401	X5CrNiMo17122	316	Z6CND17.11	316S16	X5CrNiMo1712	2347	F.3543	SUS316
1.4404	X2CrNiMo1810	316L	Z2CND17.12	316S12	X2CrNiMo1712	2343/2348/2553		SUS316
1.4410	G-X10CrNiMo189		Z5CND20.12M					
1.4429	X2CrNiMoN17133	316LN	Z2CND17.13	316S63	X2CrNiMoN1713	2375		SUS316LN
1.4435	X2CrNiMo18143	316L	Z2CND17.12	316S13	X2CrNiMo1712	2353		SCS16
1.4436	X5CrNiMo17133	316	Z6CND18-12-03	316S33	X8CrNiMo1713	2343/2347		SUS316
1.4438	X2CrNiMo18164	317L	Z2CND19.15	317S12	X2CrNiMo1816	2367		SUS317L
1.4500	G-X7NiCrMoCuNb2520		Z3NCNDU25.20M					
1.4541	X10CrNiMoTi1810	321	Z6CNT18.10	321S12	X6CrNiTi1811	2337	F.3553F.3523	SUS321
1.4550	X10CrNiNb	347	Z6CNNb18.10	347S17	X6CrNiNb1811	2338	F.3552F.3524	SUS347
1.4552	G-X7CrNiNb189		Z4CNNb19.10M	347C17				
1.4571	X10CrNiMoTi1810	316Ti	Z6NDT17.12	320S17	X6CrNiMoTi1712	2350	F.3535	SUS316Ti
1.4583	X10CrNiMoNb1812	318	Z6CNDN1713B		X6CrNiMoNb			
1.4585	G-X7CrNiMoCuNb1818				X6CrNiMoTi1712			
1.4828	X15CrNiSi2012	309	Z15CNS20.12	309S24				SUH309

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No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
1.4845	X12CrNi2521	310S	Z12CN2520	310S24	X6CrNi2520	2361	F.331	SUH310; SUS310S
Austenitic/Ferritic Stainless Steel (Duplex)								
1.4460	X8CrNiMo275	S32900				2324		SUS329J1
1.4462	X2CrNiMoN2253		Z2CND22-05-03			2977		
1.4821	X20CrNiSi254		Z20CNS25.04					
1.4823	G-X40CrNiSi274							
Gray Cast Iron								
0.6010	GG10	CLASS20	Ft10D		G10	110		FC100
0.6015	GG15	CLASS25	Ft15D	GRADE150	G15	115	FG15	FC150
0.6020	GG20	CLASS30	Ft20D	GRADE220	G20	120	FG20	FC200
0.6025	GG25	CLASS35	Ft25D	GRADE260	G25	125	FG25	FC250
0.6030	GG30	CLASS45	Ft30D	GRADE300	G30	130	FG30	FC300
0.6035	GG35	CLASS50	Ft35D	GRADE350	G35	135	FG35	FC350
0.6040	GG40	CLASS55	Ft40D	GRADE400		140		FC400
Gray Cast Iron with Nodular Graphite								
0.7033	GGG35.3					0717-15		FCD350
0.7040	GGG40	60-40-18	FCS400-12	SNG420/12	GGG40	0717-02	GGG40	FCD400
0.7043	GGG40.3		FGS370-17	SNG370/17		0717-12		FCD400
0.7050	GGG50	80-55-06	FGS500-7	SNG500/7	GGG50	0727-02	GGG50	FCD500
0.7060	GGG60		FGS600-3	SNG600/3	GGG60	0732-03	GGG60	FCD600
0.7070	GGG70	100-70-03	FGS700-2	SNG700/2	GGG70	0737-01	GGG70	FCD700
White malleable Cast Iron								
0.8040	GTW-40		MB40-10	W410/4	GMB40		GTW40	
0.8045	GTW-45				GMB45		GTW45	
0.8055	GTW-55						GTW55	
0.8065	GTW-65						GTW65	
0.8135	GTS-35	32510	MN35-10	B340/12		810	GTS35	
0.8145	GTS-45	40010		P440/7		852	GTS45	
0.8035	GTW-35		MB35-7	W340/3			GTW35	
0.8155	GTS-55	50005	MP50-5	P510/4		854	GTS55	
0.8165	GTS-65	70003	MP60-3	P570/3		856	GTS65	
0.8170	GTS-70	90001	M870-2	P690/2		0862; 0864	GTS70	
Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
Non-Ferrous Materials								
Aluminium Alloys								
3.0255	Al99.5	1000	A59050C	L31/34/36				
3.3315	AlMg1							
3.1655	AlCuSiPb							
3.1754	G-AlCu5Ni1,5		3.4345	AlZnMgCu0,5	AZ4GU/9051	L86	811-04	7050
3.2373	G-AlSi9Mg							
3.2381	G-AlSi10Mg							
3.2382	GD-AlSi10Mg							

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
3.2383	G-AlSi10Mg (Cu)	A360.2		LM9		4253		
3.2383	GK-AlSi10Mg (Cu)	A360.2		LM9		4253		
3.2581	G-AlSi12	A413.2		LM6		4261		
3.2582	GD-AlSi12	A413.0				4247		A6061
3.2583	G-AlSi12 (Cu)	A413.1		LM20		4260		ADC12
3.3561	G-AlMg5	GD-AlSi12	A-SU 12	LN5		4252		AC4A
3.5101	G-MgZn4SE1Zr1	ZE41	G-Z4TR	MAG5				
3.5103	MgSE3Zn2Zr1	EZ33	G-TR3Z2	MAG6				
3.5106	G-MgAg3SE2Zr1	QE22	G-Ag22,5	MAG12				
3.5812	G-MgAl8Zn1	AZ81	G-A9	MAG1				
3.5912	G-MgAl9Zn1	AZ91	G-A9Z1	MAG7				
2.1871	G-AlCu4TiMg							
3.2371	G-AlSi7Mg	4218B						

Copper Alloys

2.1090	G-CuSn7ZnPb	C93200	U-E7Z5Pb4					
2.1096	G-CuSn5ZnPb	C83600	U-E5Pb5Z5	LG2				
2.1098	G-CuSn2ZnPb							
2.1176	G-CuPb10Sn	C93700	U-E10Pb10	LB2				
2.1182	G-CuPb15Sn	C93800	U-Pb15E8	LB1				
2.0240	CuZn15	C23000	CuZn15	CZ102				
2.0265	CuZn30	C26000	CuZn30	CZ106				
2.0321	CuZn37	C27200, C27700	CuZn36, CuZn37	CZ108	C2700, C2720			
2.0592	G-CuZn35Al1	C86500	U-Z36N3	HTB1				
2.0596	G-CuZn34Al2	C86200	U-Z36N3	HTB1				
2.1188	G-CuPb20Sn	C94100	U-Pb20	LB5				
2.1292	G-CuCrF35	C81500		CC1-FF				
2.1293	CuCrZr	C18200	U-Cr0,8Zr	CC102				
2.0966	CuAl10Ni5Fe4	C63000	U-A10N	Ca104				
2.0975	G-CuAl10Ni	B-148-52						
2.1050	G-CuSn10	C90700		CT1				
2.1052	G-CuSn12	C90800	UE12P	Pb2				

High-Temp Alloys

Werkstoff	Germany	U.S.A.	France	Great Britain	US	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	US Trade Designation	SS	UNE	JIS
Super-Alloys Fe-based								
1.4558	X2NiCrAlTi3220	N08800		NA15	Incoloy 800			
1.4562	X1NiCrMoCu32287	N08031						
1.4563	X1NiCrMoCuN31274	N08028	Z1NCDU31.27					
1.4864	X12NiCrSi	330	Z12NCS35.16					SUH330
1.4864	X12NiCrSi3616	N08330	Z12NCS35.16	NA17				SUH330
1.4958	X5NiCrAlTi3120							
1.4977	X40CoCrNi2020		Z42CNKDWNb					

Werkstoff No.	Germany DIN	U.S.A. AISI/SAE UNS	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	Japan JIS
		S66286			A-286			
		S41800			Greek Ascology			
		R30556			Haynes 556 (HS556)			
		R30155			N155			
Super-Alloys Co-based								
		R30188			Haynes 188			
		R30605			L605 (Haynes 25)			
					MARM-302, 322, 509			
					Stellite 6, 21, 31			
Super-alloys Ni-based								
2.4360	NiCu30Fe		NU30	NA13	Monel 400			
2.4610	NiMo16Cr16Ti				Hastelloy C-4			
2.4630	NiCr20Ti	N06075	NC20T	HR5, 203-4	Nimonic 75			
2.4642	NiCr29Fe		NC30Fe		Inconel 690			
2.4810	G-NiMo30	N10276			Hastelloy C			
2.4856	NiCr22Mo9Nb	N06625	NC22FeDNb	NA21	Inconel 625			
2.4858	NiCr21Mo	N08825	NC21FeDU	NA16	Incoloy 825			
2.4375	NiCu30 Al		NU30AT	NA18	Monel K-500			
2.4668	NiCr19FeNbMo	N07718	NC19FeNb		Inconel 718			
2.4669	NiCr15Fe7TiAl	N07750	NC15TNbA		Inconel X-750			
2.4685	G-NiMo28	N10001			Hastelloy B			
2.4694	NiCr16Fe7TiAl	N00751			Inconel 751			
Titanium and titanium alloys								
3.7025	Ti 1	R50250		2TA1				
3.7124	TiCu2			2TA21-24				
3.7195	TiAl3V2.5							
3.7225	Ti1Pd	R52250		TP1				
3.7115	TiAl5Sn2							
3.7145	TiAl6Sn2Zr4Mo2Si	R54620						
3.7165	TiAl6V4	R56400	T-A6V	TA10-13; TA28	TiAl6V4			
3.7175	TiAl6V6Sn2	R56620			Ti6V6Al2Sn			
3.7185	TiAl4Mo4Sn2			TA45-51; TA57				
Hardened Materials								
Werkstoff No.	Germany DIN	U.S.A. AISI/SAE UNS	France AFNOR	Great Britain BS	Italy UNI	Sweden SS	Spain UNE	Japan JIS
White Cast Iron								
0.9620	G-X260NiCr42	Ni- Hard 2		Grade 2A		0512-00		
0.9625	G-X330NiCr42	Ni- Hard 1		Grade 2B		0513-00		
0.9630	G-X300CrNiSi952	Ni- Hard 4						
0.9635	G-X300CrMo153							
Hardened Cast Iron								
0.9640	G-X300CrMoNi1521							

Werkstoff	Germany	U.S.A.	France	Great Britain	Italy	Sweden	Spain	Japan
No.	DIN	AISI/SAE UNS	AFNOR	BS	UNI	SS	UNE	JIS
0.9645	G-X260CrMoNi2021							
0.9650	G-X260Cr27	A532IIIA25%Cr		Grade 3D		0466-00		
0.9655	G-X300CrMo271							
0.9655	G-X300CrMo271	A532IIIA25%Cr		Grade 3E				

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