

Nedan följer en sammanfattad, förenklad beskrivning av materialindelning enligt ISO. För detaljerad information om vilka material som inordnas i respektive materialgrupp hänvisas till Materialgruppsindelningen.

ISO	Materialgrupp	Beskrivning	Hårdhet [HB]	
P	1	Lågkolhaltiga stål	Mycket mjuka <0.25% C	<170
	2		Mjuka <=0.25% C	170-200
	3		Medelhårda >=0.25% C	200-250
	4	Låglegerade stål	Medelhårda <5% legering	200-300
	5		Hårdare <5% legering	250-350
	6	Höglegerade stål	Anlöp >5% legering	180-250
	7		Härdat >5% legering	250-400
M	8	Rostfritt stål	Feritiskt/martensitiskt	≈200
	9		Martensitiskt	≈240
	10		Austenitiskt	≈180
K	11	Segjärn	Feritiskt/perlitiskt	150-200
	12		Perlitiskt	200-300
	13	Gråjärn, svåra gjutgods		150-300
N	14	Aluminium		60-130
	15	Mässing, kopparlegeringar		70-110
S	16	Superlegeringar Fe/Ni bas	Anlöp	180-280
	17		Åldrat	280-380
	18	Titan, titanlegeringar		
H	19	Härdat stål	Hårdhet 48-55 HRc	48-55 HRc
	20		Hårdhet 55-65 HRc	55-65 HRc

Nedan följer en sammanställning av vilka geometrier som är lämpliga för respektive materialgrupp. Tabellen skall tolkas enligt följande

- Rekommenderas ej
- Rekommenderas i vissa applikationer
- Rekommenderas

För brbs (borrbrotschning) bör matning reduceras med 30-60% för att inte kompromissa hållkvalitet.

ISO	Materialgrupp	Borrgeometri				
		p+	k+ (++)	a+	sx	brbs
P	1	●	◐	○	○	○
	2	●	◐	○	○	○
	3	●	◐	○	○	○
	4	●	◐	○	○	○
	5	●	●	○	◐	●
	6	●	●	○	◐	●
	7	●	●	○	◐	●
M	8	●	◐	○	◐	◐
	9	●	◐	○	◐	◐
	10	●	◐	○	○	○
K	11	◐	●	○	●	●
	12	◐	●	○	●	●
	13	◐	●	○	●	●
N	14	◐	◐	●	○	◐
	15	◐	◐	●	○	◐
S	16	●	●	○	◐	◐
	17	◐	●	○	◐	◐
	18	●	◐	○	◐	◐
H	19	◐	●	○	◐	●
	20	○	●	○	◐	●

Rekommendationerna i tabellen ska ses som startvärden i applikationer med goda produktionsparametrar, så som:

- Invändig kylning:** Emulsion med goda smörjande egenskaper (konc. 5-10%) ca 20-40bar tryck.
 -om kyltrycket är högre, kan matning och skärhastighet ökas.
 -om kyltrycket är lägre, bör matning och skärhastighet minskas.
 - om koncentrationen är lägre bör skärhastigheten bibehållas och matningen minskas.
- Utvändig kylning:** Emulsion med goda smörjande egenskaper, (konc. 5-10%) med gott och väl riktat flöde.
 - om koncentrationen är lägre bör skärhastigheten bibehållas och matningen minskas
- Stabilitet:** Fast inspänning av detaljen. Hållare med hydraulisk- eller shrink fit inspänning.
 -om vibrationer uppstår bör skärdata noga utprovas, för att minimera dessa.
 -om missljud uppstår när verktyget bryter igenom detaljen, bör matningen reduceras ca 50% i utgången.
 -om verktyget ger orunda hål eller dålig positionering, bör hålet förborras med ca 145°-150° spets.

ISO	Materialgrupp	Skärhastighet Vc [m/min]		Matning [mm/varv] (För borrhål)				
		Invändig kyln.	Utvändig kyln.	Ø 3-5	Ø 5.1-8	Ø 8.1-12	Ø 12.1-16	Ø 16.1-20
P	1	200	130	0.25	0.35	0.4	0.45	0.5
	2	160	110	0.25	0.35	0.45	0.55	0.6
	3	130	100	0.25	0.35	0.45	0.6	0.65
	4	120	100	0.3	0.4	0.55	0.65	0.7
	5	110	100	0.3	0.4	0.55	0.65	0.7
	6	100	90	0.3	0.4	0.55	0.65	0.7
	7	85	70	0.25	0.35	0.4	0.45	0.5
M	8	70	60	0.1	0.15	0.2	0.25	0.3
	9	55	50	0.1	0.15	0.2	0.25	0.3
	10	45	40	0.08	0.12	0.16	0.2	0.24
K	11	110	90	0.35	0.5	0.7	0.8	0.9
	12	100	80	0.35	0.5	0.7	0.8	0.9
	13	90	70	0.35	0.5	0.7	0.8	0.9
N	14	350	200	0.4	0.6	1	1	1
	15	300	200	0.4	0.6	1	1	1
S	16	28	25	0.07	0.1	0.12	0.15	0.18
	17	18	15	0.05	0.07	0.08	0.1	0.12
	18	40	30	0.15	0.2	0.25	0.28	0.3
H	19	50	35	0.1	0.12	0.13	0.14	0.15
	20	30	20	0.05	0.07	0.08	0.09	0.1

Materialgruppsindelning DOF Tools

grupp	AISI	w-stoff	DIN	BS	EN	AFNOR	SS	UNI
1	A 366 (1012) 1008	0.0030	C 10	040 A 10 045 M 10 1449 10 CS		AF 34 C 10 XC 10		C 10 1C 10
		1.0028	Ust 34-2 (S250G1T)			A 34-2		Fe 330, Fe 330 B FU
		1.0034	RSt 34-2 (S250G2T)	1449 34/20 HR, HS, CR, CS		A 34-2 NE		Fe 330 B FN
		1.0035	St185 (Fe 310-0) St 33	Fe 310-0 1449 15 HR, HS		A 33	1300	Fe 320
	A 570 Gr. 33, 36	1.0036	S235JRG1 (Fe 360 B) Ust 37-2	Fe 360 B 4360-40 B			1311 1312	FE37BFU
		1.0037	S235JR (Fe 360 B) St 37-2	Fe 360 B 4360-40 B		E 24-2	1311	Fe 360 B 1449 37/23 HR
	1115	1.0038	GS-CK16	030A04	1A		1325	
	A 570 Gr. 40	1.0044	S275JR (Fe 430 B) St 44-2	Fe 430 B FN 1449 43/25 HR, HS 4360-43 B		E 28-2	1412	Fe 430 B Fe 430 B FN
		1.0045	S355JR	4360-50 B		E 36-2	2172	Fe 510 B
	A 570 Gr. 50	1.0050	E295 (Fe 490-2) St 50-2	Fe 490-2 FN 4360-50 B		A 50-2	1550 2172	Fe 490
A 572 Gr. 65	1.0060	E335 (Fe 590-2) St 60-2	Fe 60-2 4360-55 E; 55 C		A 60-2	1650	Fe 60-2 Fe 590	
	1.0060	St 60-2					Fe 60-2	
	1.0070	E360 (Fe 690-2) St 70-2	Fe 690-2 FN		A 70-2	1655	Fe 70-2 Fe 690	
	1.0112	P235S	1501-164-360B LT20		A 37 AP		Fe 360 C	
	1.0114	S235JU;St 37-3 U	4360-40C		E 24-3		Fe 360 C	
A 284 Gr. D	1.0116	S235J2G3 (Fe 360 D 1) St 37-3	Fe 360 D1 FF 1449 37/23 CR 4360-40 D		E 24-3 E 24-4	1312 1313	Fe 360 D1 FF Fe 360 C FN Fe 360 D FF Fe 37-2	
	1.0130	P265S	1501-164-400B LT 20		A 42 AP			
	1.0143	S275J0; St 44-3 U	4360-43C		E 28-3	1414-01	Fe 430 D	
A 573 Gr. 70	1.0144	S275J2G3 (Fe 430 D 1) St 44-3	Fe 430 D1 FF 4360-43 C; 43 D		E 28-3 E 28-4	1411, 1412 1414	Fe 430 B, Fe 430 C (FN) Fe 430 D (FF)	
A 611 Gr. D	1.0149	S275JOH; RoSt 44-2	4360-43 C			1412-04	Fe 430 C	
	1.0226	DX51D; St 02 Z	Z2		GC	1151 10	FeP 02 G	
M 1010	1.0301	C10	040 A 10 045 M 10 1449 10 CS		AF 34 C 10 XC 10		C 10 1 C 10	
A 621 (1008)	1.0330	DC 01 St 2; St 12	1449 4 CR 1449 3 CS		TC	1142	FeP 00 FeP 01	
A 619 (1008)	1.0333	Ust 3 (DC03G1) Ust 13	1449 2 CR; 3 CR		E		FeP 02	
A 621 (1008)	1.0334	UstW 23 (DD12G1)			SC		FeP 12	
A 622 (1008)	1.0335	DD13; StW 24	1449 1 HR		3 C		FeP 13	
A 620 (1008)	1.0338	DC04 St4; St 14	1449 1 CR; 2 CR		ES	1147	FeP 04	
A 516 Gr. 65; 55	1.0345	P235GH	1501 Gr. 141-360		A 37 CP;AP	1331	FeE235, Fe 360 1 KW; KG	
A 515 Gr. 65; 55		HI	1501 Gr. 161-360; 151-360			1330	Fe 360 2 KW; KG	
A 414 Gr. C			1501 Gr. 161-400; 154-360					
A 442 Gr. 55			1501 Gr. 164-360; 161-360					
(M) 1020	1.0402	C22	055 M 15; 070 M 20	2C/2D	AF 42 C 20; XC 25; 1 C 22	1450	C 20 C 21, C 25	
M 1023	1.0402	C22	050A20	2C/2D	CC20	1450	C20C21	
1020;1023	1.0402	C22	055 M 15;070 M 20	2C	AF 42 C 20; XC 25;1 C 22	1450	C 20; C 21;C 25	
	1.0425	P265GH H11	1501 Gr. 161-400;151-400 1501 Gr. 164-360;161-400 1501 Gr. 164-400;154-400		A 42 CP;AP	1431 1430 1432	Fe 410 1 KW; KG; KT Fe 410 2 KW; KG	
A 27 65-35	1.0443	GS-45	A1		E 23-45 M	1305		
	1.0539	S355NH; StE 335			TSE 355-4	2134-04	Fe 510 B	
	1.0545	S355N; StE 355	4360-50E		E 355 R	2334-01	Fe 355 KG	
	1.0546	S355NL;TSIE 355	4360-50EE		E 355 FP	2135-01	FeE 355 KT	
	1.0547	S355JOH	4360-50C		TSE355-3	2172-04	Fe 510 C	
	1.0549	S355 NLH;TSIE 355				2135	Fe 510 D	
	1.0553	S355JO;St 52-3U	4360-50C		E 36-3		Fe 510 C	
A 633 Gr. C	1.0562	P355N	1501 Gr.225-490A LT 20		FeE 355 KG N E 355 R/FP; A 510 AP	2106	FeE 355 KG;KW	
A 588		StE 355						
	1.0565	P355NH; WSIE 355	1501-225-490B LT 20		A 510 AP	2106	FeE 355-2	
	1.0566	P355NL1; TSIE 355	1501-225-490A LT 50		A 510 FP	2107-01	FeE 355-3	
	1.0570	S355J2G3 St 52-3	Fe 510 D1 FF 1449 50/35 HR>HS 4360-50 D		E 36-3 E 36-4	2132, 2133 2134 2174	17GS 17GS1S	
1213	1.0715	9 SMn 28 (1SMn 30)	230 M 07		S 250	1912	CF SMn 28	
1213	1.0715	9 SMn 28	230 M 07		S 250	1912	CF 9 SMn 28	
12 L 13	1.0718	9 SMnPb 28 (11SMnPb30)			S 250 Pb	1914	CF 9 SMnPb 28	
1108	1.0721	10 S 20	(210 M 15)		10S20		CF 10 S 20	
1109					10F 2			
11 L 08	1.0722	10 SPb 20			10PbF 2		CF 10 SPb 20	
11 L 08	1.0722	10 SPb 20			10 PbF 2		CF 10 SPb 20	

grupp	AISI	w-stoff	DIN	BS	EN	AFNOR	SS	UNI
1	1215	1.0736	9 SMn 36 (11SMn37)			S 300		CF 9 Mn 36
	12 L 14	1.0737	9 SMnPb 36 (11SMnPb37)			S 300Pb	1926	CF 9 SMnPb 36
		1.0972	S315MC; QStE 300 TM	1501-40F30		E 315 D		
		1.0976	S355MC; QStE 360 TM	1501-43F35		E 355 D	2642	FeE 355TM
		1.0982	S460MC; QStE 460 TM	1501-50F45				
		1.0984	S500MC; QStE 500 TM			E 490 D	2662	FeE 490 TM
		1.0986	S500MC; QStE 500 TM	1501-60F55		E 490 D		FeE 560 TM
	1010	1.1121	CK 10 (C10E)	040 A 10		XC 10	1265	C 10, 2 C 10 2 C 15
		1.1121	St 37-1	4360 40 A			1300	
	1015	1.1141	CK 15 (C15E)	040 A 15 080 M 15	32C	XC 12 XC 15 XC 18	1370	C 15
	1020	1.1151	C22E	055 M 15		2 C 22 XC 18	1450	C 20
	1023		CK 22	(070M 20)		XC 25		
	D 3	1.2080	X 210 Cr 12	BD 3		Z 200 C 12		
	A36		St 44-2	4360 43 A		NFA 35-501 E 28	1411	
			StE 320-3Z	1 501 160			1421	
	A572-60	1.8900	StE 380	4360 55 E			2145	FeE390KG
	(M) 1025	1.0406	C 25	070 M 26		1 C 25		C 25
	1.0416	GS-38			20-400 M	1306		
A 537 Cl.1 A 414 Gr.G A 612	1.0473	P355GH	19 Mn 6		A 52 CP	2101 2102	FeE 355-2	
1035	1.0501	C35	080 A 32, 080 A 35 080 M 36, 1449 40 CS		1 C 35 AF 55 C 35 XC 38	1572 1550	C 35 1 C 35	
1045	1.0503	CF 45 (C45G)	060 A 47 080 M 46		XC 42 H 1 TS	1672	C 43 C 46	
1040	1.0511	C40	080 M 40		1 C 40 AF 60 C 40		C 40	
	1.0540	C 50				1674	C 50	
A27 70-36	1.0551	GS-52	A2		280-480 M	1505		
A148 80-40	1.0553	GS-60	A3		320-560 M	1606		
A738	1.0577	S355J2G4 (Fe 510 D 2)	Fe 510 D2 FF 1501 Gr. 224-460 1501 Gr. 224-490		A 52 FP	2107		
1140	1.0726	35 S 20	212 M 36	8M	35 MF 6	1957		
1146	1.0727	45 S 20 (46S20)			45 MF 4	1973		
1035 1041	1.1157	40Mn4	150 M 36	15	35 M 5 40 M 5			
1025	1.1158	C25E CK 25	(070 M 25)		2 C 25 XC 25	C25	F.1120-C 25 K	
1536	1.1166	34Mn5					TO.B	
1330	1.1170	28Mn6	(150 M 28), (150 M 18)		20 M 5, 28 Mn 6		C 28 Mn	
1330	1.1170	28Mn6	150 M 5		20 M 5			
1330	1.1170	28Mn6		14A	20 M 5		C 28 Mn	
	1.1178	C30E; CK 30	080M30		XC 32		C 30	
1035	1.1180	C35R Cm 35	080 A 35		3 C 35 XC 32	1572		
1035 1038	1.1181	C35E CK 35	080 A 35 (080 M 36)		2 C 35, XC 32 XC 38 H 1	1550 1572	C 35	
1035	1.1181	C35E CK 35	080 A 35 (080 M 36)		XC 38	1572	C 36	
1042	1.1191	GS-Ck 45	080 A 46		XC 45	1660	C 45	
1049 1050	1.1206	C50E CK 50	080 M 50		2 C 50 XC 48 H1; XC 50 H1	1674	C 50	
1050 1055	1.1213	Cf 53 (C53G)	070 M 55		XC 48 H TS	1674	C 53	
4520	1.5423	22Mo4	1503-245-420				16 Mo 5 KG;KW	
	1.0050	St50-2					FE50	
A 516 Gr. 70 A 515 Gr. 70 A 414 Gr.F; G	1.0481	P295GH 17 Mn 4	1501 Gr. 224		A 48 Cp; AP		Fe 510 KG; KT; KW Fe 510-2 KG; KT; KW FeE 295	
1043	1.0503	C 35	060 A 47 080 M 46 1449 50 HS; CS		1 C 45 AF 65 C 45	1672 1650	C 45 1 C 45	
1074	1.0614	C 76 D; 75-2			XC 75			
1086	1.0616	C 86 D; D 85-2			XC 80	C 85		
1095	1.0618	C 92 D; D 95-2			XC 90			
1036 1330	1.1165	30Mn5	120 M 36 (150 M 28)		35 M 5			
1335	1.1167	36Mn5	150 M 36		40 M 5	2120		
1040	1.1186	C40E CK 40	060 A 40, 080 A 40 080 M 40		2 C 40 XC 42 H 1		C 40	
1045	1.1191	C45E CK 45	080 M 46 060 A 47		2 C 45 XC 42 H 1 XC 45 XC 48 H 1	1672	C 45 C 46	
1049	1.1201	C45R Cm 45	080 M 46		3 C 45 XC 42 H 1 XC 48 H 1	1660	C 45	

grupp	AISI	w-stoff	DIN	BS	EN	AFNOR	SS	UNI
3		1.7242	18 CrMo 4				18 Cr Mo 4	
	A 387 Gr. 12 Cl	1.7337	16 CrMo 4 4					A 18 CrMo 4 5 KW
		1.7362	12 CrMo 19 5	3606-625		Z 10 CD 5.05		16 CrMo 20 5
	A 572-60		17 MnV 6	436055 E		NFA 35-501 E 36	2142	
	1055	1.0535	C 55	070 M 55		1 C 55 AF 70 C 55	1655	C 55 1 C 55
	1060	1.0601	C 60	060 A 62 1449 HS; CS	43 D	1 C 60 AF 70 C 55		C 60 1 C 60
	107	1.0603	C 67	080 A 67 1449 70 HS		XC 65		C 67
	1074	1.0605	C 75	1449 80 HS				C 75
	1075							
	1055	1.1203	C55E CK 55	060 A 57 070 M 55		2 C 55 XC 55 H1		C 55
	1055	1.1209	C55R Cm 55	070 M 55		3 C 55 XC 55 H 1		C 55
	1060	1.1221	C60E	060 A 62	43D	2 C 60	1665	C 60
	1064		CK 60			XC 60 H 1	1678	
	1070	1.1231	CK 67 (C67E)	060 A 67		XC 68	1770	C 70
	1074	1.1248	CK 75 (C75E)	060 A 78		XC 75	774	C 75
	1075							
	1078							
	1086	1.1269	CK 85 (C85E)			XC 90		C 90
	1095	1.1274	CK 101 (C101E)			XC 100	1870	C 100
	W 112	1.1663	C125W			Y2 120		
							2223	
		1.0070	St70-2					FE70-2
		1.7238	49 CrMo 4					
		1.7701	51 CrMoV 4					51 CrMoV 4
A573-81 65	1.0116	St 37-3	4360 40 B		E 24-U	1312	Fe37-3	
A515 65	1.0345	H 1	1 501 161		A 37 CP	1330		
5120	1.0841	St 52-3	150 M 19		20 MC 5	2172	Fe 52	
9255	1.0904	55 Si 7	250 A 53	45	55 S 7	2085	55Si8	
9254	1.0904	55 Si 7	250 A 53		55 S 7	2090		
9262	1.0961	60 SiCr 7			60 SC 6		100 Cr 6	
L3	1.2067	100 Cr 6	BL3		Y 100 C 6		100 Cr 6	
L1	1.2108	90 CrSi 5				2092	105 WCR 5	
L2	1.2210	115 CrV 3			100 C 3		107 CrV 3 KU	
	1.2241	51 CrV 4						
	1.2311	40 CrMnMo 7					35 cRmO 8 KU	
4135	1.2330	35 CrMo 4	708 A 37		34 CD 4	2234	35 CrMo 4	
	1.2419	105 WCr 6			105 WC 13	2140	10 WCr 6	
O1	1.2510	100 MnCrW 4	BO 1		8 MO 8	2140	10 WCr 6	
S1	1.2542	45 WCrV 7	BS 1			2710	45 WCrV 8 KU	
S1	1.255	60 WCrV 7			55 WC 20	2710	58 WCr 9 KU	
L6	1.2713	55 NiCrMoV 6			55 NCDV 7			
L6	1.2721	50 NiCr 13			55 NCV 6	2550		
O2	1.2842	90 MnCrV 8	BO 2		90 MV 8			
E 50100	1.3501	100 Cr 2						
52100	1.3505	100 CR 6	2 S 135 535 A 99	31	100 C 6	2258	100 Cr 6	
	1.5024	46 Si 7			45 S 7; Y 46 7;46 Si 7			
9255	1.5025	51 Si 7			51 S 7 51 Si 7	2090	48 Si 7 50 Si 7	
9255	1.5026	55 Si 7	251 A 58		55 S 7	2085 2090	55 Si 7	
9260	1.5027	60 Si 7	251 A 60 251 H 60		60 S 7		60 Si 7	
9260 H	1.5028	65 Si 7			60 S 7			
	1.5120	38 MnSi 4						
A 204 Gr. A	1.5415	16 Mo 3	1503-243 B		15 D 3	2912	16 Mo 3 (KG;KW)	
4017		15 Mo 3						
4419	1.5419	20 Mo 4	1503-243-430			-2512	G 20 Mo 5 G 22 Mo 5	
A 350-LF 5	1.5622	14 Ni 6			16 N 6		14 Ni 6 KG;KT	
3415	1.5732	1 NiCr 10			14 NC 11		16 NiCr 11	
3310; 3314	1.5752	14 NiCr 14	655 M 13	36 A	12 NC 15			
	1.6587	17CrNiMo 6	820 A 16		18 NCD 6		14 NiCrMo 13	
	1.6657	14 NiCrMo 134					14 NiCrMo 131	
5015	1.7015	15 Cr 3	523 M 15		12 C 3			
5132	1.7033	34 Cr 4	530 A 32	18 B	32 C 4		34 Cr 4 (KB)	
5140	1.7035	41 Cr 4	530 M 40	18	42 C 4		41 Cr 4	
5140	1.7045	42 Cr 41	530 A 40		42 C 4 TS	2245	41 Cr 4	
5115	1.7131	16 MnCr 5	527 M 17		16 MC 5	2511	16 MnCr 5	
	1.7139	16 MnCr 5				2127		
5155	1.7176	55 Cr 3	527 A 60	48	55 C 3	2253		
4135; 4137	1.7220	34 CrMo 4	708 Aa 37		35 CD 4	2234		
4142	1.7223	41 CrMo 4					41 CrMo 4	
4140	1.7225	42 CrMo 4	708 M 0		42 CD 4	2244		
	1.7228	55 NiCrMoV 6 G	823 M 30	33		2512	653 M 31	
	1.7262	15 CrMo 5			12 CD 4	2216		
	1.7321	20 CrMo 4				2625		
ASTM A182 F-12	1.7335	13 CrMo 4	1501-620 Gr 27				14 CRMo 4 5	

grupp	AISI	w-stoff	DIN	BS	EN	AFNOR	SS	UNI
4	A 182-F11;12	1.7335	13 CrMo 4 4	1 501 620 Gr 27		15 CD 4.5	2216	
	ASTM A 182 F.22	1.7380	10 CrMo 9 10	1501-622 Gr 31; 45				
	A 182 F-22	1.7380	10 CrMo 9 10	1501-622		12 CD 9.10	2218	12 CrMo 9,10
		1.7715	14 MoV 6 3	1503-660-440				
	A 355 A	1.8509	41 CrAlMo 7	905 M 39	41 B	40 CAD 6,12	2940	41 CrAlMo 9,10
	A 570.36	1.0038	S 235 JRG 2 (Fe 360 B)	Fe 360 B FU		E 24-2 NE	1312	Fe 360 B FN
			RSt 37-2	1449 27/23 CR				
				4360-40 B				
	3135	1.5710	36 NiCr 6	640 A 35		35 NC 6		
		1.5755	31 NiCr 14	653 M 31		18 NC 13		
	8620	1.6523	2 NiCrMo 2	805 M 20	362	20 NCD 2	2506	20 NiCrMo 2
	8740	1.6546	40 NiCrMo 22	311-Tyre 7				40 NiCrMo 2 (KB)
	4130	1.7218	25 CrMo 4	CDS 110		25 CD 4	2225	25 CrMo 4 (KB)
		1.7733	24 CrMoV 5 5			20 CDV 6		21 CrMoV 5 11
	1.7755	GS-45 CrMoV 10 4						
	1.8070	21 CrMoV 5 11					35 NiCr 9	
5	4142	1.2332	47 CrMo 4	708 M 40	19 A	42 CD 4	2244	42 CrMo 4
	A 128 (A)	1.3401	G-X120 Mn 12			Z 120 M 12	2183	GX 120 Mn 12
	3435	1.5736	36 NiCr 10			30 NC 11		
	9840	1.6511	36 CrNiMo 4	816 M 40	110	40 NCD 3		36 NiCrMo 4 (KB)
	4340	1.6582	35 NiCrMo 6	817 M 40	24	35 NCD 6	2541	35 NiCrMo 6
		1.7361	32 CeMo 12	722 M 24	40 B	30 CD 12	2240	20 CrMo 12
	6150	1.8159	50 CrV 4	735 A 50	47	50 CrV 4	2230	50 CrV 4
		1.8161	58 CrV 4					
		1.8515	32 CrMo 12	722 M 24	40 B	30 CD 12	2240	32 CrMo 12
		1.8523	39 CrMoV 13 9	897 M 39	40 C			36 CrMoV 12
		1.4882	X 50 CrMnNiNbN 21 9			Z 50 CMNNb		
						21.09		
	3135	1.5710	36 NiCr 6	640 A 35	111 A	35 NC 6		
		1.5864	35 NiCr 18					
		31 NiCrMo 13 4	830 M 31			2534		
6	A 573-81	1.0144	ST 44-3	4360 43 C		E 28-3	1412	
	A 619	1.0347	DCO 3	1449 3 CR		E		Fep 02
			RSt:RRSt 13	1449 2 CR				
	M 1015	1.0401	C 15	080 M 15		AF 37 C 12	1350	C 15
	M 1016			080 M 15		XC 18		C 16
	M 1017			1449 17 CS				1 C 15
		1.0570	ST 52-3	4360 50 B		E 36-3	2132	Fe 52 BFN / Fe 52 CFN
	12 L 13	1.0718	9 SMnPb 28			S 250 Pb	1914	CF 9 SMnPb 28
	(12 L 13)	1.0718	9 SMnPb 28			S 250 Pb	1914	CF 9 SMnPb 28
		1.0723	15 S 22	210 A 15			1922	
			15 S 20	210 M 15				
		1.2083					2314	
	H 11	1.2343	X 38 CrMoV 5 1	BH 11		Z 38 CDV 5		X 37 CrMoV 5 1 KU
	H 13	1.2344	X 40 CrMoV 5 1	BH 13		Z 40 CDV 5	2242	X 40 CrMoV 511 KU
A 2	1.2363	X 100 CrMoV 5 1	BA 2		Z 100 CDV 5	2260	X 100 CrMoV 51 KU	
D 2	1.2379	X 155 CrMo 12 1	BD 2		Z 160 CDV 12	2310	X 165 CrMoV 12 KU	
HNV 3	1.2379	X 210 Cr 12 G	BD 2		Z 160 CDV 12	2736		
D 4 (D6)	1.2436	X 210 CrV 12	BD 6		Z 200 CD 12	2312	X 215 CrV 12 1 KU	
H 21	1.2581	X 30 WCrV 9 3	BH 21		Z 30 WCV 9		X 30 WCrV 9 3 KU	
	1.2601	X 165 CrMoV 12				2310		
H 12	1.2606	X 37 CrMoV 5 1	BH 12		Z 35 CWDV 5		X 35 CrMoV 05 KU	
D 3	1.3343	S 6-5-2	BM 2		Z 200 C 12	2715	X 210 Cr 13 KU	
N 08028	1.4563				Z 1 NCDU 31-27-03	2584		
ASTM A 353	1.5662	X 8 Ni 9	1501-509;510				14 Ni 6 KG;KT	
ASM A 353	1.5662	X 8 Ni 9	502-650		9 Ni		X 10 Ni 9	
2517	1.5680	12 Ni 19	12 Ni 19		Z 18 N 5			
2515	1.5680	12 Ni 19			Z 18 N 5			
7		1.3202	S 12-1-4-5	BT 15				HS 12-1-5-5
		1.3207	S 10-4-3-10	BT 42		Z 130 WKCDV		
	T 15	1.3243	S 6-5-2-5			KCV	2723	HS 6-5-2-5
						06-05-05-04-02		
		1.3246	S 7-4-2-5			Z 110 WKCDV	7-4-2-5	HS 7-4-2-5
						07-05-04		
		1.3247	S 2-10-1-8	BM 42		Z 110 DKCWW	2-10-1-8	HS 2-9-1-8
						09-08-04		2-9-2-8
	M 42	1.3249	S 2-9-2-8	BM 34				
	T 4	1.3255	S 18-1-2-5	BT 4		Z 80 WKCV		
						18-05-04-0		
	M 2	1.3343	S 6-5-2	BM 2		Z 85 WDCV	2722	HS 6 5 2
	M 7	1.3348	S 2-9-2			Z 100 DCWV	2782	HS 2 9 2
						09-04-02		
T 1	1.3355	S 18-0-1	BT 1		Z 80 WCV 18-4-01			
630	1.4548				Z 7 CNU 17-04			
HNV 3	1.4718	X 45 CrSi 9 3	401 S 45	52	Z 45 CS 9			
422	1.4935	X 20 CrMoWV 12 1						
8	403	1.4000	X 6 Cr 13	403 S 17		Z 6 C 13	2301	X 6 Cr 13
		1.4001	X 6 Cr 14					
	(410 S)	1.4001	X 7 Cr 13	(403 S 7)		Z 8 C 13	2301	
	405	1.4002	X 6 Cr A 12	405 S 17		Z 8 CA 12		X 6 CrAl 13
	405	1.4002	X 6 CrAl 13	405 S 17		Z 6 CA 13	2302	X 6 CrAl 13
	416	1.4005	X 12 CrS 13	416 S 21		Z 11 CF 13	2308	X 12 CrS 13
	410;CA-15	1.4006	(G-)X 10 Cr 13	410 S 21	56 A	Z 10 C 13	2302	X 12 Cr 13
430	1.4016	X 8 Cr 17	Z 8 C 17		430 S 15	2320	X 8 Cr 17	

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8	430	1.4016	X 6 Cr 17	430 S 15	60	Z 8 C 17	2320	X 8 Cr 17
		1.4027	G-X 20 CR 14	420 C 29		Z 20 C 13 M		
		1.4027	G-X 20 CR 14	420 C 29		Z 20 C 13 M		
	420	1.4028	X 30 Cr 13	420 S 45		Z 30 C 13	2304	
		1.4086	G-X 120 Cr 29	452 C 11				
	430 F	1.4104	X 12 CrMoS 17	420 S 37		Z 10 CF 17	2383	
	440 B	1.4112	X 90 CrMoV 18					
	434	1.4113	X 6 CrMo 17	434 S 17		Z 8 CD 17	2325	X 8 CrMo 17
		1.4340	G-X 40 CrNi 27 4					
	S 31500	1.4417	X 2 CrNiMo 0 Si 19 5					2376
	S 31500	1.4417	X 2 CrNiMoSi 18 5 3					2376
		1.4418	X 4 CrNiMo 16 5			Z 6 CND 16-04-01	2387	
	XM 8	1.4510				Z 4 CT 17		X 6 CrTi 17
	430 Ti							
	439							
	430 Ti	1.4510	X 6 CrTi 17			Z 4 CT 17		
		1.4511	X 6 CrNb 17 (X 6 CrNb 17)			Z 4 CNb 17		X 6 CrNb 17
	409	1.4512	X 6 CrTi 12	LW 19		Z 3 CT 12		X 6 CrTi 12
			(X 2 CrTi 12)	409 S 19				
		1.4720	X 20 CrMo 13					
	405	1.4724	X 10 CrA 113	403 S 17		Z 10 C 13		X 10 CrA 112
	430	1.4742	X 10 CrA 118	439 S 15	60	Z 10 CAS 18		X 8 Cr 17
	HNV 6	1.4747	X 80 CrNiSi 20	443 S 65	59	Z 80 CSN 20.02		X 80 CrSiNi 20
	446	1.4749	X 18 CrNi 28					
	446	1.4762	X 10 CrA 124			Z 10 CAS 24	2322	X 16 Cr 26
	EV 8	1.4871	X 53 CrMnNiN 21 9	349 S 54		Z 52 CMN 21.09		X 53 CrMnNiN 21 9
	302		X 12 CrNi 18 9	302 S 31		Z 10 CN 18-09	2330	
429		X 10 CrNi 15						
9	420	1.4021	X 20 Cr 13	420 S 37		Z 10 C 13	2303	14210
	420	1.4031	X 40 Cr 13			Z 40 C 14	-2304	
		1.4034	X 46 Cr 13	420 S 45		Z 40 C 14		X 40 Cr 14
	431	1.4057	X 20 CrNi 172	431 S 29	57	Z 15 CN 16.02	2321	X 16 CrNi 16
		1.4125	X 105 CrMo 17			Z 100 CD 17		X 105 CrMo 17
	CA6-NM	1.4313	G-X 4 CrNi 13 4	425 C 11		Z 4 CND 13-04 M	2385	(G)X 6 CrNi 304
	630	1.4542	X 5 CrNiCuNb 17 4					
			(X 5 CrNiCuNb 16-4)					
		1.4544		S. 524 S. 526				X 6 CrNiTi 18 11
	348	1.4546	X 5 CrNiNb 18-10	347 S 31 2 S. 130 2 S.143/144/145 S. 525/527				X 6 CRNiNb 18 11
		1.4922	X 20 CrMV 12-1				2317	X 20 CrMoNi 12 01
		1.4923	X 22 CrMoV 12 1					
	10	304	1.4301	X 5 CrNi 18 9	304 S 15		Z 5 CN 18.09	2332;2333
303		1.4305	X 10 CrNiS 18 9	303 S 21	58 M	Z 8 CNF 18-09	2346	
304 L		1.4306	X 2 CrNi 18 9	304 S 12		Z 2 CrNi 18 10	2352	X 2 CrNi 18 11
304 L		1.4306	X 2 CrNi 18 10	304 S 11		Z 3 CN 19-11	2352	X 2 CrNi 18 11
CF-8		1.4308	X 6 CrNi 18 9	304 C 15	58 E	Z 6 CN 18-10 M	2333	
301		1.4310	X 12 CrNi 17 7	301 S 21		Z 12 CN 17.07	2331	X 2 CrNi 18 07
304 LN		1.4311	X 2 CrNiN 18 10	304 S 62		Z 2 CN 18.10	2371	X 2 CrNiN 18 10
		1.4312	G-X 10 CrNi 18 8	302 C 25		Z 10 CN 18.9 M		
305		1.4312	X 8 CrNi 18 12	305 S 19				
		1.4332	X 2 CrNi 18-8					
304		1.4350	X 5 CrNi 18 9	304 S 15	58 E	Z 6 CN 18.09	2332	X 5 CrNi 18 10
S 32304		1.4362	X 2 CrNiN 23 4			Z 2 CN 23-04 AZ	2327	
202		1.4371	X 3 CrMnNiN 188 8 7	284 S 16		Z 8 CMN 18-08-05		
316		1.4401	X 5 CrNiMo 17 12 2	316 S 13		Z 3 CND 17-11-01	2347	X 5 CrNiMo 17 12
			(X4 CrNiMo 17-12-2)	316 S 17 316 S 19 316 S 31 316 S 33		Z 6 CND 17-11 Z 6 CND 17-11-02 Z 7 CND 17-11-02 Z 7 CND 17-12-02		
316 L		1.4404	X 2 CrNiMo 17 13 2	316 S 11, 316 S 13		Z 2 CND 17-12	2348	X 2 CrNiMo 17 12
			(X2 CrNiMo 17-12-1)	316 S 14, 316S 31;		Z 2 CND 18-13		
			GX 2 CrNiMoN 18-10	316 S 42, S.537; 316 C 12, T. 75, S. 161		Z 3 CND 17-11-02 Z 3 CND 17-12-02 FF Z 3 CND 18-12-03 Z 3 CND 19.10 M		G-X 2 CrNiMo 19 11
316 LN		1.4406	X 2 CrNiMoN 17 12 2	316 S 61		Z 2 CND 17-12 AZ		X 2 CrNiMoN 17 12
			(X2 CrNiMoN 18-10)	316 S 63				
CF-8M		1.4408	GX 5 CrNiMoN 7 12 2	316 C 16 (LT 196)			2343	
			GX 6 CrNiMo 18 10	ANC 4 B				
		1.4410	GX 10 CrNiMo 18 9			Z 5 CND 20.12 M	2328	
316 LN	1.4429	X 2 CrNiMo 17-13-3	316 S 62		Z 2 CND 17-13 AZ	2375	X 2 CrNiMoN 17 13	
316 L	1.4435	X 2 CrNiMo 18 14 3	316 S 11; 316 S 13 316 S 14; 316 S 31 LW 22 LWCF 22		Z 3 CND 17-12-03 Z 3 CND 18-14-03	2375	X 2 CrNiMoN 17 13	
316	1.4436	X 5 CrNiMo 17 13 3	316 S 19; 316 S 31 316 S 33 LW 23 LWCF 23		Z 6 CND 18-12-03 Z 7 CND 18-12-03	2343	X 5 CrNiMo 17 13 X 8 CrNiMo 17 13	
		(X 4 CrNiMo 17-13-3)						
317 L	1.4438	X 2 CrNiMo 18 16 4	317 S 12		Z 2 CND 19-15-04 Z 3 CND 19-15-04	2367	X 2 CrNiMo 18 16	
		(X 2 CrNiMo 18-15-4)						
(S 31726)	1.4439	X 2 CrNiMoN 17 13 5			Z 3 CND 18-14-06 AZ			
	1.4440	X 2 CrNiMo 18 13						
317	1.4449	X 5 CrNiMo 17 13 3	317 S 16				X 5 CrNiMo 18 15	

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10	329	1.4460	X 4 CrNiMo 27 5 2 (X3 CrNiMo 27-5-2)			(Z 3 CND 25-07 AZ) Z 5 CND 27-05 AZ	2324		
	329	1.4460	X 8 CrNiMo 27 5				2324		
		1.4462	X 2 CrNiMoN 22 5 3	318 S 13		Z 3 CND 22-05 AZ (Z 2 CND 24-08 AZ) Z 3 CND 25-06-03 AZ)	2377		
		1.4500	GX 7 NiCrMoCuNb 25 20			23 NCDU 25.20 M		Z 8 CNA 17-07	
	17-7 PH	1.4504		318 S 111					
	443	1.4521	X 2 CrMoTi 18-2				2326		
	444								
	UNS N 08904	1.4539	X 1 NiCrMoCuN 25-20-5			Z 2 NCDU 25-20	2562		
	CN-7M	1.4539	(G-)X 1 NiCrMoCu 25 20 5			Z 1 NCDU 25-02 M	2564		
	321	1.4541	Z 6 CrNiTi 18-10	321 S 31 321 S 51 (1010; 1105) LW 24 LWCF 24		Z 6 CNT 18-10	2337	X 6CrNiTi 18 11	
	630	1.4542	X 5 CrNiCuNb 17 4 (X 5 CrNiChNb 16-4)			Z 7 CNU 15-05 Z 7 CNU 17-04			
	17-4 PH	1.4542				Z 7 CNU 17-04			
	S 31254	1.4547	X 1 CrNiMoN 20 18 7				2378		
	17-4 PH	1.4548				Z 7 CNU 17-04			
	347	1.4550	X 6 CrNiNb 18 10	347 S 17	58 F	Z 6 CNNb 18.10	2338	X 6 CrNiNb 18 11	
		1.4552	GX 7 CrNiNb 18 9			Z 4 NNb 19.10 M			
	17-7 PH	1.4568		316 S 111				Z 8 CNA 17-07	
	316 Ti	1.4571	X 6 CrNiMoTi 17 12 2	320 S 31		Z 6 CNDT 17-12002	2350		
	316 Ti	1.4571	X 6 CrNiMoTi 17 12 2	320 S 31	58 J	Z 6 NDT 17.12	2350	X 6 CrNiMoTi 17 12	
		1.4581	GX 5 CrNiMoNb	318 C 17		Z 4 CNDNb 18.12 M			
	318	1.4583	X 10 CrNiMoNb 18 12	303 S 21		Z 15 CNS 20.12		X 15 CrNiSi 2 12	
		1.4585	GX 7 CrNiMoCuNb 18 18					X 6 CrNiMoTi 17 12	
		1.4821	X 20 CrNiSi 25 4			Z 20 CNS 25.04			
		1.4823	GX 40 CrNiSi 27 4						
	309	1.4828	X 15 CrNiSi 20 12	309 S 24	58 C	Z 15 CNS 20.12			
	309 S	1.4833	X 6 CrNi 22 13	309 S 13		Z 15 CN 24-13			
	310 S	1.4845	X 12 CrNi 25 21	310 S 24		Z 12 CN 25-20	2361	X 6 CrNi 25 20	
	321	1.4878	X 6 CrNiTi 18 9	32 1 S 20	58 B	Z 6 CNT 18-12 (B)	2337	X 6 CrNiTi 18 11	
	S 30415	1.4891	X 5 CrNiNb 18 10				2372		
	S 30815	1.4893	X 8 CrNiNb 11				2368		
	304 H	1.4948	X 6 CrNi 18 11	304 S 51		Z 5 CN 18-09	2333		
	660	1.498	X 5 NiCrTi 25 15			Z 8 NCTV 25-15 B FF	2570		
			X 5 NiCrN 35 25						
	S 31753		X 2 CrNiMoN 18 13 4 X 2 CrNiMoN 25 22 7						
	11	CLASS 20	0.6010	GG 10			Ft 10 D	110	G 10
		A 48-20 B	0.6010	GG 10			Ft 10 D	0110-00	
		NO 25 B	0.6015	GG 15	Grade 150		Ft 15 D	0115-00	G 15
		CLASS 25	0.6015	GG 15	Grade 150		Ft 15 D	115	G 15
		A 48 25 B	0.6015	GG 15	Grade 150		Ft 15 D	01 15-00	G 14
		A 48 30 B	0.6020	Gg 20	Grade 220		Ft 20 D	0120-00	
NO 30 B		0.6020	GG 20	Grade 220		Ft 20 D	120	G 20	
A 436 Type 2		0.6660	GGL-NiCr 202	L-NiCuCr 202		L-NC 202	0523-00		
60-40-18		0.7040	GGG 40	SNG 420/12		FCS 400-12	0717-02	GS 370-17	
NO 20 B			GG 10			Ft 10 D	110		
12	CLASS 30	0.6020	GG 20	Grade 220		Ft 20 D	120	G 20	
	CLASS 45	0.6030	GG 30	Grade 300		Ft 30 D	130	G 30	
	A 48-45 B	0.6030		Grade 300		Ft 30 D	01 30-00		
	A 48-50	0.6035	GG 35	Grade 350		Ft 35 D	135	G 35	
	A 48-60 B	0.6040	GG 40	Grade 400		FT 40 D	140		
	100-70-03	0.7070	GGG 70	SNG 700/2		FGS 700-2	07 37-01	GGG 70	
13		1.4829	X 12 CrNi 22 12						
		0.7033	GGG 35.3				07 17-15		
		0.7033	GGG 35.3	350/22 L 40		FGS 370/17	0717-15		
	60-40-18	0.7040	GGG 40	SNG 420/12		FGS 400/12	0717-02		
	60-40-18	0.7043	GGG 40.3	370/7		FGS 370/17	0717-15		
	80-55-06	0.7050	GGG 50	SNG 500/7		FGS 500/7	0727-02	GGG 50	
	65-45-12	0.7050	GGG 50	SNG 500/7		FGS 500/7	0727-02	GGG 50	
		0.7652	GGG NiMn 13 7	S-Mn 137		S-Mn 137			
	A 43 D 2	0.7660	GGG NiCr 20 2	Grade S 6		S-NC 202	0772-00		
			GGG 40.3	SNG 370/17		FGS 370/17	0776-00		
	A 48-40 B	0.6025	GG 25	Grade 260		Ft 25 D	0717-12		
		0.7060	GGG 60	SNG 600/3		FGS 600/3	125	G 25	
	80/55/06	0.7060	GGG 60	600/3		FGS 600/3	0732-03	GGG 60	
	A 48 40 B						0727-03		
		0.8055	GTW 55						
	32510	0.8135	GTS 35-10	B 340/12		Mn 35-10			
	A 47-32510	0.8135	GTS 35-10	B 340/2		Mn 35-10	810		
	A 220-40010	0.8145	GTS 45-06	P 440/7		Mn 450-6	0815-00		
			GTS 35	B 340/12				0852-00	
				8 290/6		Mn 32-8			
32510		GTS 35	B 340/12		Mn 35-10	0810-00			
	0.8035	GTM 35	W 340/3		Mb 35-7	814			
	0.8040	GTW 40	W 410/4		Mb 40-10	0815			
	0.8045					852			
	0.8065	GTMW 65					GMB 40		
A 220-50005	0.8155	GTS 55-04	P 510/4		Mn 550-4		GMB 45		
50005	0.8155	GTS 55-04	P 510/4		Mp 50-5				
70003	0.8165	GTS 65-02	P 570/3		Mn 650-3	0854-00			
90001	0.8170	GTS 70-02	P 690/2		Mn 700-2	0854-00	GMN 55		

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13	A 220-90001	0.8170	GTS 70-02			Mn 700-2	0856-00	GMN 65
		0.817	GTS 7-02	IP 70-2			0862-00	GMN 70
	1022						0864-00	
	1518	1.1133	20 Mn 5	120 M 19		20 M 5		
	1035	1.1183	Cf 35 (C 35 G)	080 A 35		XC 38 H 1 TS	2132	G 22 Mn 3
14	400 10		GTS 45	P 440/7				20 Mn 7
	70003		GTS 65	P 570/3		MP 60-3	1572	C 36; C 38
	Al 99	3.0205					0852	
	1000	3.0255	Al 99.5	L 31/34/36		A 59050 C	858	
		3.3315	Al Mg 1					
		3.1325	AlCuMg 1					
		3.1655	AlCuSiPb					
		3.2315	AlMgSi 1					
	7050	3.4345	AlZnMgCu 0,5	L 86		AZ 4 GU/9051		
		3.2381	G-AlSi 10 Mg					
		3.2382	GD-AlSi 10 Mg				811-04	
		3.2581	G-AlSi 12					
		3.3561	G-AlMg 5					
	ZE 41	3.5101	G-MgZn 4 SE 1 Zr 1	MAG 5				
	EZ 33	3.5103	MgSE 3 Zn 27 r 1	MAG 6	G-TR 3 Z 2			
	AZ 81	3.5812	G-MgAl 8 Zn 1	NMAG 1				
	AZ 91	3.5912	G-MgAl 9 Zn 1	MAG 7				
		2.1871	G-AlCu 4 TiMg					
		3.1754	G-AlCu 5 Ni 1,5					
		3.2163	G-AlSi 9 Cu 3					
	4218 B	3.2371	G-AlSi 7 Mg					
	SC 64 D	3.2373	G-AlSi 9 MgWa			A-S 7 G	4251	
		3.2373	G-AlSi 9 Mg					
	QE 22	3.5106	G-MgAg 3 SE 2 Zr 1	MAG 12				
GD-AlSi 12		G-AlMg 5	LM 5		A-SU 12	4252		
A 360.2	3.2383	G-AlSi 0 Mg(Cu)	LM 9			4253		
A 356-72			2789;1973		NF A 32-201			
356.1			LM 25			4244		
A 413.2		G-AlSi 12	LM 6			4261		
A 413.1		G-AlSi 12 (Cu)	LM 20			4260		
A 413.0		GD-AlSi 12				4247		
A 380.1		GD-AlSi 8 Cu 3	LM 24			4250		
C 93200	2.1090	G-CuSn 7 5 Pb			U-E 7 Z 5 Pb 4			
C 83600	2.1096	G-CuSn 5 ZnPb	LG 2					
C 83600	2.1098	G-CuSn 2 ZnPb						
C 23000	2.1182	G-CuPb 15 Sn	LB 1		U-Pb 15 E 8			
C 93800	2.1182	G-CuPb 15 Sn			Uu-Pb 15 E 8			
	2.0240	CuZn 15						
C 27200	2.0321	CuZn 37	Cz 108	CuZn 36, CuZn 37		C 2700		
C 27700	2.0321	CuZn 37	Cz 108	CuZn 36, CuZn 37		C 2720		
	2.0590	G-CuZn 40 Fe						
C 86500	2.0592	G-CuZn 35 Al 1	U-Z 36 N 3	HTB 1				
C 86200	2.0596	G-CuZn 34 Al 2	HTB 1	U-Z 36 N 3				
C 18200	2.1293	CuCrZr	CC 102	U-Cr 0.8 Zr				
N 08800	1.4558	X 2 NiCrAlTi 32 20	NA 15					
N 08031	1.4562	X 1 NiCrMoCu 32 28 7						
N 08028	1.4563	X 1 NiCrMoCuN 31 27 4				2584		
N 08330	1.4864	X 12 NiCrSi 36 16	NA 17		Z 12 NCS 35.16			
330	1.4864	X 12 NiCrSi 36 16	NA 17		Z 12 NCS 37.18			
	1.4865	G-X 40 NiCrSi 38 18	330 C 40				XG 50 NiCr 39 19	
	1.4958	X 5 NiCrAlTi 31 20						
AMS 5544	LW2.4668	NiCr 19 NbMo			NC 20 K 14			
Monel 400	2.4360	NiCu 30 Fe	NA 13		NU 30			
5390A	2.4603				NC 22 FeD			
Hastelloy C-4	2.4610	NiMo 16 Cr 16 Ti						
Nimonic 75	2.4630	NiCr 20 Ti	HR 5,203-4		NC 20 T			
	2.4630	NiCr 20 Ti	HR 5, 203-4		NC 20 T			
Inconel 690	2.4642	NiCr 29 Fe			Nnc 30 Fe			
Inconel 625	2.4856	NiCr 22 Mo 9 Nb	NA 21		NC 22 FeDNb			
5666	2.4856	NiCr 22 Mo 9 Nb			Inconel 625			
Incoloy 825	2.4858	NiCr 21 Mo	NA 16		NC 21 Fe DU			
5537 C	LW2.4964	CoCr 20W 15 Ni			KC 20 WN			
AMS 5772		CoCr 22 W 14 Ni			KC 22 WN			
Inconel X-750	2.4669	NiCr 15 Fe 7 TiAl			NC 15 TNb A			
Hastelloy B	2.4685	G-NiMo 28						
Hastelloy C	2.4810	G-NiMo 30						
AMS 5399	2.4973	NiCr 19 Co 11 MoTi			NC 19 KDT			
	3.7115	TiAl 5 Sn 2						
	1.4977	X 40 CoCrNi 20 20			Z 42 CNKDWNb			
Monel k-500	2.4375	NiCu 30 Al	NA 18		NU 30 AT			
4676	2.4375	NiCu 30 Al	3072-76					
	2.4631	NiCr 20 TiAl	Hr 40;601		NC 20 TA			
Inconel 718	2.4668	NiCr 19 FeNbMo			Nc 19 Fe Nb			
Inconel	2.4694	NiCr 16 Fe 7 TiAl						
	2.4955	NiFe 25 Cr 20 NbTi						
5383	LM2.4668	NiCr 19 FeNbMo	HR 8		NC 19ENb			
5391	LW2.4670	S-NiCr 13 A 16 MoNb	3146-3		NC 12 AD			
5660	LW2.4662	NiFe 35 Cr 14 MoTi			ZSNCDT 42			
R 50250	3.7025	Ti 1	2 TA 1					
R 52250	3.7225	Ti 1 Pd	TP 1					
AMS 5397	LW2.4674	NiCo 15 Cr 10 MoAlTi						
	3.7124	TiCu 2	2 TA 21-24					

grupp	AISI	w-stoff	DIN	BS	EN	AFNOR	SS	UNI
18	R 54620	3.7145	TiAl 6 Sn 2 Zr 4 Mo 2 Si					
		3.7165	TiAl 6 V 4	TA 10-13; TA 28		T-A 6 V		
		3.7185	TiAl 4 Mo 4 Sn 2	TA 45-51; TA 57				
		3.7195	TiAl 3 V 2.5					
			TiAl 4 Mo 4Sn 4 Si 0.5					
	AMS R 54520		TiAl 5 Sn 2.5	TA 14/17		T-A 5 E		
	AMS R 56400		TiAl 6 V 4	TA 10-13/ TA 28		T-A 6 V		
AMS R 56401		TiAl 6 V 4 ELI	TA 11					
19	W 1	1.1545	C 105 W 1	BW 1 A		Y 1 105	1880	C 100 KU
	W 210	1.1545	C 105 W 1	BW 2		Y 120	2900	C 120 KU
		1.2762	75 CrMoNiW 6 7					
	440 C	1.4125	X 105 CrMo 17			Z 100 CD 17		
		1.6746	32 NiCrMo 14 5	832 M 31		35 NCD 14		

Materialgruppsindelning efter populärnamn

Material	Mtrl grupp
253MA	10
ARNE	6
ASP23	7
ASP30	7
ASP60	7
CALMAX	6
CORRAX	6
DOMEX240XP	2
DOMEX450XP	3
ELMAX	7
FORMAX	3
HARDOX400	7
HARDOX500	19
HARDOX600	20
Hastelloy C	16
HOLDAX	6
IMPAX	6
Inconel 600	16
Inconel 718	17
Monel 400	16
Nimonic 80A	17
ORVAR	6
RIGOR	6
STAVAX2083	8
SVERKER21	7
VANADIS10	7
VANADIS23	7
VANADIS30	7
VANADIS4	7
VANADIS60	7
Waspaloy	17
WEDLOX900	19
WELDOX1100	19
WELDOX420	6
WELDOX460	6
WELDOX500	6
WELDOX700	7
WELDOX960	19