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Alloys

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Materials	EN Standard	Chemical formula	Material code	US Norm ASTM/AA	D Former national standards	F Former national standards	UK Former national standards	Material key
Aluminium alloys								
Sand casting	1706	EN AC - AlSi7Mg0,3		B356.2	G-AlSi7Mg	A-S6 G 03	LM 25 (TF)	32
	1706	EN AC - AlMg5(Si)		B 535.2	G-AlMg5Si	A-G6	LM 5	32
Gravity die casting	1706	EN AC - AlSi7Mg0,3		B 356.2	GK-AlSi7Mg	A-S6 G 03	LM 25 (TF)	32
	1706	EN AC - AlSi10Mg		A 360.2	GK-AlSi10Mg	A-S 10 G	LM 9	32
	1706	EN AC - AlSi12		413.2	GK-AlSi12	A-S 13	LM 6	32
Pressure die casting	1706	EN AC - AlSi12		413.2	GK-AlSi12	A-S 13	LM 6	32
Forgings	586	EN AW - AlSi1MgMn		6082 T6	AlMgSi1	A-SGM0,7	HR 30/HS 30	31
Bars + tubes	754 (drawn)	EN AW - AlSi1MgMn		6082 T6	AlMgSi1	A-SGM0,7	HR 30/HS 30	31
Different ingredients								33
Copper alloys								
Sand casting	1982	EN 1982 - CuSn5Zn5Pb5-C-GS		C 836 00	G-CuSn5Zn5Pb	CuPb5Sn5Zn5	LG 2-C	95
	1982	EN 1982 - CuSn10Cu-GS		C 927 00	G-CuSn10	CuSn10	CT1-C	94
Gravity die casting	1982	EN 1982 CuZn39Pb1Al-C-GM		C 385 00	GK-CuZn39Pb	CuZn40Pb3	CZ 121	92
Forgings	12420	EN 12420 - CuZn39Pb3		C 385 00	CuZn39Pb3	CuZn40Pb3	CZ 121	91
Bars	12164	EN 12164 - CuZn39Pb3		C 385 00	CuZn39Pb3	CuZn40Pb3	CZ 121	91
Hollow bars	12168	EN 12168 - CuZn39Pb3		C 385 00	CuZn39Pb3	CuZn40Pb3	CZ 121	91
Tubes	12449	EN 12449 - CuZn39Pb3		C 385 00	CuZn39Pb3	CuZn40Pb3	CZ 121	91
Steel alloys								
Malleable cast iron	1562		GTW 40					42
Investment casting	10088	GX 20Cr14	1.4027	420				45
		GX 5CrNiMo 19-11-2	1.4408	CF 8M				46

Materials	EN Standard	Chemical formula	Material code	US Norm ASTM/A	D Former national standards	F Former national standards	UK Former national standards	Material key
		GX CrNiMoNb 09-11-2	1.4581	316				46
Bars	10088	X 30Cr13	1.4028	420				45
Tubes	10216	X8CrNiS 18-9	1.4305	303				45
		X6CrNiMoTi 17-12-2	1.4571	316 TI				46