

Aluminium alloys used at Alteams and approximate equivalences against common standards

Note. Standards are not equal with each others. Specified alloy composition to be clarified case by case.

S = Sand Casting, K = Permanent Die Casting (Low Pressure Casting), D = High Pressure Die Casting, HTC Alloy = High Thermal Conductivity * old national standard

Alloy types	Casting method	European	International	Finnish	Swedish	German	German	English	American	Italian	French	Japanese
		EN 1706	ISO 3522	SFS*	SS*	DIN*	VDS	BS*	AA ASTM	UNI*	NF*	JIS

Aluminium Alloys

AlSi12	S / K	EN AC-44100	AlSi12	SFS 2566	SS 14 4261	3.2581	230A	LM 6	B413.0	4514	A-S13	AC3A
AlSi12	D	EN AC-44300	AlSi12(Fe)	SFS 2566	SS 14 4263	3.2582	230	LM 20	A413.0	5079	A-S12	ADC1
AlSi10Mg	S / K	EN AC-43100	AlSi10Mg	SFS 2567	SS 14 4253	3.2381	239A	LM 9		3049	A-S10G	AC4A
AlSi10Mg(Fe)	D	EN AC-43400	AlSi10Mg(Fe)	SFS 2567		3.2382	239		A361.0	5074	A-S9	ADC3
AlSi7Mg	S / K	EN AC-42100	AlSi7Mg0,3	SFS 2574	SS 14 4245	3.2371		LM 25	A356.0	3599	A-S7G	AC4CH
AlSi9Cu3	S	EN AC-46200	AlSi8Cu3	SFS 2568	SS 14 4251	3.2163.01	2264	LM 24	A380.0			
AlSi9Cu3	D	EN AC-46000	AlSi9Cu3(Fe)	SFS 2568	SS 14 4250	3.2163.05	226	LM 24	A380.0	5075	A-S9U3A	AC4B
AlSi10Cu2	D	EN AC-46100	AlSi10Cu2(Fe)					LM 2	A383.0	5076	A-S9U3	ADC10
AlSi7Cu2	S	EN AC-46600	AlSi7Cu2					LM 27				ADC12
AlSi6Cu4Ni	S	EN AC-45000	AlSi6Cu4	SFS 2570		3.2151	225	LM 21		7369	A-S5U2	AC2B
HTC Alloy	D											

