

## Anwendungsübersicht Aluminium

Werkstoff- Nummer	Werkstoff-Kurzbezeichnung	AlMg3	AlMg5	AlMg 4,5Mn	AlMg 4,5Mzr	Al99,5Ti	Al99,8	AlSi5	AlSi12
3.0185	Al 98					●	⊙	●	
3.0205	Al 99					●	⊙	●	
3.0255	Al 99,5					●	●	●	
3.0275	Al 99,7					●	●	●	
3.0285	Al 99,8					●	●	●	
3.0305	Al 99,9					●	●	●	
3.0385	Al 99,98R						●	●	
3.0515	AlMn	●	●	●	●	⊙		●	
3.1255	AlCuSiMn			●	●			⊙	
3.1325	AlCuMg1			●	●			⊙	
3.1355	AlCuMg2			●	●			⊙	
3.1371	G-AlCu4TiMg			●	●			⊙	
3.1841	G-AlCu4Ti			●	●			⊙	
3.2151	G-AlSi6Cu4			●	●			⊙	●
3.2161	G-AlSi8Cu3			●	●			⊙	●
3.2305	E-AlMgSi	●	●			⊙	⊙	●	
3.2315	AlMgSi1	●	●	●	●			●	
3.2341	G-AlSi5Mg							●	●
3.2345	AlSi 5							●	
3.2381	G-AlSi10Mg							●	●
3.2383	G-AlSi10Mn(Cu)							⊙	●
3.2581	G-AlSi12							●	●
3.2583	G-AlSi12(Cu)							⊙	●
3.3206	AlMgSi0,5	●	●	●	●			●	
3.3207	E-AlMgSi0,5	●	●			⊙	⊙	●	
3.3208	Al99,9MgSi					⊙	⊙	●	
3.3241	G-AlMg3Si	●		●	●				
3.3261	G-AlMg5Si			●	●				
3.3308	Al99,9Mg0,5					●	●	●	
3.3309	AlRMg0,5					●	●		
3.3315	AlMg1	●						⊙	
3.3318	Al99,9Mg1	●				●	●	⊙	
3.3319	AlRMg1	●				●	●		
3.3325	AlMg2	●							
3.3328	Al99,9Mg2	●				●	●	⊙	
3.3329	AlRMg2	●				●	●		
3.3527	AlMgMn	●	●	●	●				
3.3535	AlMg3	●	●	●	●				
3.3541	G-AlMg3	●	●	●	●				
3.3543	G-AlMg3(Cu)	●	●	●	●				
3.3547	AlMg4,5Mn	⊙	●	●	●				
3.3555	AlMg5	⊙	●	●	●				
3.3561	G-AlMg5	●	●	●	●				
3.3591	G-AlMg10		⊙	●	●				
3.4335	AlZnMg1		●	●	●			●	
3.4338	Al99,9ZnMg		⊙	●	●		●	⊙	
3.4345	AlZnMgCu0,5		⊙	●	●			⊙	
3.4365	AlZnMgCu1,5		⊙	●	●			⊙	

●: Zusatz ohne Einschränkung geeignet

⊙: Zusatz geeignet, sofern die Festigkeit ausreichend ist

Diese Übersicht dient nur als allgemeiner Hinweis für Schweißverbindungen. Wir übernehmen keine Haftung für fehlerhafte Angaben !!

## Recommendations for Welding of Aluminium

Werkstoff-No.	Short-name	AlMg3	AlMg5	AlMg 4,5Mn	AlMg 4,5MZr	Al99,5Ti	Al99,8	AlSi5	AlSi12
3.0185	Al 98					●	○	●	
3.0205	Al 99					●	○	●	
3.0255	Al 99,5					●	●	●	
3.0275	Al 99,7					●	●	●	
3.0285	Al 99,8					●	●	●	
3.0305	Al 99,9					●	●	●	
3.0385	Al 99,98R						●	●	
3.0515	AlMn	●	●	●	●	○		●	
3.1255	AlCuSiMn			●	●			○	
3.1325	AlCuMg1			●	●			○	
3.1355	AlCuMg2			●	●			○	
3.1371	G-AlCu4TiMg			●	●			○	
3.1841	G-AlCu4Ti			●	●			○	
3.2151	G-AlSi6Cu4			●	●			○	●
3.2161	G-AlSi8Cu3			●	●			○	●
3.2305	E-AlMgSi	●	●			○	○	●	
3.2315	AlMgSi1	●	●	●	●			●	
3.2341	G-AlSi5Mg							●	●
3.2345	AlSi 5							●	
3.2381	G-AlSi10Mg							●	●
3.2383	G-AlSi10Mn(Cu)							○	●
3.2581	G-AlSi12							●	●
3.2583	G-AlSi12(Cu)							○	●
3.3206	AlMgSi0,5	●	●	●	●			●	
3.3207	E-AlMgSi0,5	●	●			○	○	●	
3.3208	Al99,9MgSi					○	○	●	
3.3241	G-AlMg3Si	●		●	●				
3.3261	G-AlMg5Si			●	●				
3.3308	Al99,9Mg0,5					●	●	●	
3.3309	AlRMg0,5					●	●		
3.3315	AlMg1	●						○	
3.3318	Al99,9Mg1	●				●	●	○	
3.3319	AlRMg1	●				●	●		
3.3325	AlMg2	●							
3.3328	Al99,9Mg2	●				●	●	○	
3.3329	AlRMg2	●				●	●		
3.3527	AlMgMn	●	●	●	●				
3.3535	AlMg3	●	●	●	●				
3.3541	G-AlMg3	●	●	●	●				
3.3543	G-AlMg3(Cu)	●	●	●	●				
3.3547	AlMg4,5Mn	○	●	●	●				
3.3555	AlMg5	○	●	●	●				
3.3561	G-AlMg5	●	●	●	●				
3.3591	G-AlMg10		○	●	●				
3.4335	AlZnMg1		●	●	●			●	
3.4338	Al99,9ZnMg		○	●	●		●	○	
3.4345	AlZnMgCu0,5		○	●	●			○	
3.4365	AlZnMgCu1,5		○	●	●			○	

●: Zusatz ohne Einschränkung geeignet

○: Zusatz geeignet, sofern die Festigkeit ausreichend ist

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