

CARBO S- AlMg 4,5 Mn

CARBO T- AlMg 4,5 Mn

International standards	S = massive wire	T = bare rod
	DIN 1732	SG AlMg 5
Material Nr.	3.3556	
AWS A 5.10	ER 5356	

Approvals --- ---

Application notes Aluminium alloy welding wire for GMA (MIG) welding of Al-alloys with high tensile strength requirements. Suitable for welding Al-Mg alloys and Al-Mg-Mn alloys.

Selector Guide AlMg 1; AlMg2,7Mn; AlMg2Mn0,8; AlMg3, AlMg3Si; AlMg4,5; AlMg5; AlMgSi0,5 AlMgSi0,7 AlMgSi0,8; AlMgSi1; AlMgSi1Cu; AlZn4,5Mg; AlZn4,5Mg1; G-AlMg3; G-AlMg3 (Cu); G-AlMg3Si

Mechanical properties of all-weld-metal	Tensile strength	Yielding strength	Elongation
	R _m N/mm ²	R _{p0,2} N/mm ²	A ₅ %
(typical values)	>275	>125	>17

Weld metal analysis	Al	Mn	Mg	Zn
(typical, wt. %)	bal.	0,30	5,0	0,20

Gas types EN 439	S = massive wire				T = bare rod				
	I1				I1				
Current	= +				= -				
Diameter mm	0,8	1,0	1,2	1,6	1,6	2,0	2,4	3,2	4,0
Welding amps (A) min.									
Welding amps (A) max.									
coils, weight	K300 15 kg.				10 kg./ carton				

Rev. 000