



CEWELD AlSi 5 Tig

TYPE Tig aluminium welding wire alloyed with silicon

ANWENDUNGEN Tig filler metal for welding Aluminium alloys with maximum 2% alloying elements and for aluminium alloys containing up to 7% Si.(after anodizing welding will be of a dark grey colour)

EIGENSCHAFTEN Thanks to its excellent weldability and good penetration this alloy is used mainly in construction and automotive industry. The silicon addition results in improved fluidity (wetting action), making the alloy the preferred choice of welders. The alloy is not sensitive to weld cracking and produces bright, almost smut-free welds. Not recommended for anodizing. Non-heat treatable. Thicker sections should be preheated (150°C) prior to welding.

KLASSIFIKATION

AWS	A 5.10: ER4043
EN ISO	18273: S Al 4043A (AlSi5(A))
W.Nr.	3.2245
F-nr	23

GEEIGNET FÜR AlMgSi 0, AlSiMg (A), AlSi 1 MgMn, AlMg1SiCu, 3.3206, 3.3210, 3.2315, 3.3211, EN AW 6060, EN AW 6005A, EN AW 6082, EN AW 6061, EN AC 45000,

ZULASSUNGEN CE

SCHWEISSPOSITIONEN

						
PA	PB	PC	PD	PE	PF	PG

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	Si	Mn	Ti	Fe	Cu	Zn	Al	V
	5	0.1	0.01	0.11	0.03	0.01	Rem.	0.02

MECHANISCHE GÜTEWERTE	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
	As Welded	135	175	17	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1, I3



CEWELD ALSi 5 Tig

ALSI 5 TIG 0,8 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405432

ALSI 5 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663407597

ALSI 5 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663407603

ALSI 5 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663407610

ALSI 5 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663407627

ALSI 5 TIG 4,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663407634

ALSI 5 TIG 5,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663407641