CEWELD NiCro 601 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel-Chromium-Aluminum alloy for TIG welding Alloy 601.

ANWENDUNGEN

CEWELD® 601 Tig is used for severe applications where the exposure temperature can exceed 2100°F [1150°C].

EIGENSCHAFTEN

Excellent resistance against corrosion and oxidation and suitable for applications when exposed to hydrogen sulfide or sulfur dioxide.

KLASSIFIKATION

AWS	A 5.14: ER NiCrFe-11
EN ISO	18274: S Ni 6601(NiCr23Fe15Al)
F-nr	43
FM	6

GEEIGNET FÜR

The nominal composition (wt.-%) of filler metal of this classification is 61 Ni, 23 Cr, 14 Fe, and 1.4 Al. Filler metal of this classification is used for welding nickel-chromium-iron-aluminum alloy (ASTM B 166, B 167, and B 168 having UNS number N06601)
to itself and to other high-temperature compositions.

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	P	S	Cr	Ni	Fe	Cu	Al
0.08	0.27	0.9	0.01	0.01	23	61	15	0.1	1.5

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded		660	48	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

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CEWELD NiCro 601 Tig

NICRO 601 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663418302

NICRO 601 TIG 2,0 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663418319

NICRO 601 TIG 2,4 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663418326