



# CEWELD MA 6500 Tig

**TYPE** Solid welding wire for Hardfacing

**APPLICATIONS** MA 6500 Tig is for Hardfacing and or clad layers against high impact combined with abrasion for use with pure Argon

**PROPERTIES** He offers almost full hardness in the first layer and can be applied without any risk of cracking. Multiple layers or sandwich layers are possible before Hardfacing and will help to increase the hardness (wear resistance) from the hard-faced layer.

**CLASSIFICATION**

EN ISO	14700: S Fe3
DIN	8555: TIG 6-GZ-50-T
W.Nr.	1.2344
F-nr	71

**SUITABLE FOR** MA 6500 Tig is a solid welding rod for rebuilding parts with a hardness up to 55 HRc.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Mn	Cr	Ni	Mo	V	Fe
0.4	0.5	5	0.1	1.3	1	Rem.

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				55 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1