

CATEGORY	GTAW Solid wires	
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 DIN F-nr	14700: S Fe3 8555: TIG 6-GZ-50-T 71
SUITABLE FOR	MA 6500 Tig is a solid welding rod for rebuilding parts with a hardness up to 55 HRc.	
APPROVALS	No Approvals Found	

WELDING POSITIONS:



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Mn	Cr	Ni	Mo	V
0.4	0.5	10	0.1	1.6	1

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Hardness Rockwell C
As Welded /				Avg. 52

WELDING PARAMETERS / PACKING

WELDING PARAMETERS	WELDING PARAMETERS	WELDING PARAMETERS	PACKING	PACKING	PACKING
D (MM)	LENGTH (MM)	CURRENT (A)	KG / SPOOL / COIL	KG	KG / 1000
1,2 X 1000 MM			5		
1,6 X 1000 MM			5		

REDRYING TEMPERATURE	Not required
GAS ACCORDING EN 14175	I1