

# CEWELD MA 600 Tig

**TYPE** Solid GTAW wire for hardfacing and rebuilding wornout parts.

**APPLICATIONS** Rebuilding and hardfacing parts that are subject to abrasion combined with heavy impact.

**PROPERTIES** CEWELD® MA 600 Tig offers outstanding abrasion resistance combined with heavy shocks, despite the high hardness several layers can be applied without any risk of braking out or chipping of. In case of sensitive base material preheating is recommended at 300 - 400 °C. Old Hardfacing layers should be removed, clean or grind properly before welding.

**CLASSIFICATION** EN ISO 14700: S Fe8  
 DIN 8555: TIG-6-GZ-60-GP  
 W.Nr. 1.4718  
 F-nr 71

**SUITABLE FOR** Gear parts, recycling wear blocks, cutters, molds, pumps, stone crushers, knives, scissors, mixers etc.

**APPROVALS**

**WELDING POSITIONS**



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

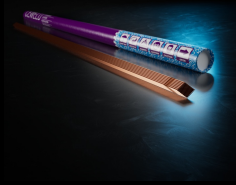
C	Mn	Cr	Mo	Nb	V	Fe	W	Si
0.4	0.5	10	0.02	0.005	0.02	Rem.	0.005	3

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				58 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



# CEWELD MA 600 Tig

MA 600 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403223
MA 600 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403230
MA 600 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403247
MA 600 TIG 3,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663403254