



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																		
	F-nr	71																		
	W.Nr.	1.4718																		
SUITABLE FOR	Gear parts, recycling wear blocks, cutters, molds, pumps, stone crushers, knives, scissors, mixers etc.																			
APPROVALS	No Approvals Found																			
WELDING POSITIONS																				
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Mn</th> <th>Cr</th> <th>Mo</th> <th>Nb</th> <th>V</th> <th>Fe</th> <th>W</th> <th>Si</th> </tr> </thead> <tbody> <tr> <td>0.4</td> <td>0.5</td> <td>10</td> <td>0.02</td> <td>0.005</td> <td>0.02</td> <td>Rem.</td> <td>0.005</td> <td>3</td> </tr> </tbody> </table>		C	Mn	Cr	Mo	Nb	V	Fe	W	Si	0.4	0.5	10	0.02	0.005	0.02	Rem.	0.005	3
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ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> <th>Hardness Rockwell C</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td></td> <td></td> <td>Avg. 58</td> </tr> </tbody> </table>		Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Hardness Rockwell C	As Welded /				Avg. 58								
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REDRYING TEMPERATURE	Not required																			
GAS ACCORDING EN 14175	I1																			



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