

MA 500

CATEGORY GMAW-GTAW Solid wires

TYPE Solid welding wire for rebuilding and hardfacing.

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

PROPERTIES Weld deposit with high carbon content offering excellent weldability.

CLASSIFICATION
 AWS A 5.21: no standard
 EN ISO 14700: ~S Fe14
 DIN: W.Nr. 1.8425
 DIN 8555: MSG 2-GZ-500

SUITABLE FOR Crushers, bucket teeth, hammers, crushers, pressure blocks etc.

APPROVALS CE approved

WELDING POSITIONS:



WELD DEPOSIT WEIGHT % (M21)

C	Mn	Si	Cr	Ni	Mo
1.10	1.90	0.35	1.80		

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	Impact Energy (J) ISO-V			Hardness HB
				-20°C	-40°C	-60°C	
AW							470-530

AW: as welded

WELDING PARAMETERS / PACKING

D (mm)	Welding Parameters			Packing	
	Voltage (V)	Current (A)	spool type	kg / spool	kg / pallet
1,2	23-31	190-280	K-300	15	1080
1.6	25-34	230-370	K-300	15	1080

REDRYING TEMPERATURE not required