

MA SS 2343 TIG

CATEGORY GMAW-GTAW Solid wires

TYPE Solid welding wire for hardfacing and rebuilding hotworking tools..

APPLICATIONS Rebuilding and hardfacing parts that are subject to abrasion combined with higher temperatures.

CLASSIFICATION
 AWS A 5.21: (AISI J 438 b) H 11
 EN ISO 14700: S Fe3
 DIN: W.Nr. 1.2343
 DIN 8555:

SUITABLE FOR Hotworking tools, high speed tool steels, HSS, aluminium press molts, dies, stamping tools, cutting tools, shear blades, cutters, knives, scissors.

APPROVALS CE approved

WELDING POSITIONS:



WELD DEPOSIT WEIGHT %

C	Mn	Si	Cr	Mo	V
0.38	0.45	0.95	5.2	1.10	0.45

MECHANICAL PROPERTIES

Shielding gas	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	Impact energy (J) ISO-V			Hardness HRC
				-20°C	-40°C	-60°C	
I1							52-57

WELDING PARAMETERS / PACKING

D (mm)	Welding Parameters		Packing kg / tube
	Length (mm)	Current (A) DC-	
1.6	1000		5
2.0	1000		5
2.4	1000		5

REDRYING TEMPERATURE not required

GAS ACC. EN ISO 14175: I1