



CEWELD MA SS 2343

Tig

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

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

PROPERTIES Abrasion combined with higher temperatures.
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Soft annealed 780°C - 820°C/5h
Hardened 1000°C - 1050°C/air,Oil,Hot bath

CLASSIFICATION EN ISO 14700: S Fe3
DIN 8555: TIG 4-UM-60-65-ST
W.Nr. 1.2343
F-nr 71

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

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Mn	Cr	Mo	V	Fe	Si
0.4	0.4	5	1.1	0.5	Rem.	1

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				55 HRc

REDRYING Not required

GAS ACC. EN ISO 14175 11



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MA SS 2343 TIG 1,6 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663401816

MA SS 2343 TIG 2,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663401854

MA SS 2343 TIG 2,4 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663401793

MA SS 2343 TIG 3,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663401809