

PRODUCT DATA SHEET

Tube Alloy 260-G

Tube Alloy 260-G is a metal cored, gas shielded wire depositing a martensitic alloy steel. It has very good resistance to adhesive (metal-to-metal) wear and good resistance to abrasion and impact.

Applications

Tube Alloy 260-G is suitable for use on coupler boxes, dragline chains, kiln trunnions, mill guides, spindles and wobbler ends.

Classifications

DIN	8555	MF6-GF-60-GP
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Typical Chemical Analysis (All weld metal)

% Carbon	0,7	% Silicon	1,0
% Manganese	2,0	% Chromium	8,0

Typical Mechanical Properties

Abrasion Resistance	Good
Impact Resistance	Good
Machinability	Grinding only
Flame Cutting	Cannot be flame cut
Microstructure	Martensitic
Hardness	55 - 60 HRc
Magnetic	

Welding Data

(DC+)

Diameter (mm)	Current		Electrode Stick Out	Deposition Rate (kg/hr)
	Amps (A)	Volts (V)		
1,2	160 - 190	24 - 25	13 - 25	3,2
1,6	275 - 350	24 - 27	25 - 38	4,5

Packing Data

Diameter (mm)	Spool Mass (kg)	Spool Type	Item Number
1,2	11,3	Spool	W077067
1,6	11,3	Spool	W077076

Recommended shielding gas: Fluxshield® or 100% CO₂

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