



CEWELD OA S-71-TGS

TYPE Self-shielded flux-cored wire for C. and C-Mn steels.

APPLICATIONS Welding outside in case high speed welding is required and protective gas is not easy to apply or possible.

PROPERTIES Very good welding characteristics and not sensitive for old and rusty base-materials, good mechanical properties and stable arc for welding in all positions. To be used on direct current electrode negative (DC-).

CLASSIFICATION

AWS	A 5.20: E71T-GS
EN ISO	17632-A: T 42 Z W N 1 H15
F-nr	6
FM	1

SUITABLE FOR

ASTM	EN
A 131 Gr A, B, D	10025 S185, S235, S275, S355
A 131 Gr AH32 to DH36	10028-2 P235 G H, P265 G H, P295 G H, P355 G H
API 5LX	10113-2 S275, S355
-	10113-3 S275, S355

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Al	P	S
0.15	0.4	0.9	1.4	0.015	0.015

MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	450	540	22	HRc

REDRYING 140°C / 24 hr

GAS ACC. EN ISO 14175



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OA S-71-TGS 0,9MM

Packaging	KG/unit	EanCode
D-100	0,9	8720663406071
D-200	4,5	8720663406088
D-300	15	8720663406095

OA S-71-TGS 1,2MM

Packaging	KG/unit	EanCode
D-200	4,5	8720663406118
D-300	15	8720663406101

OA S-71-TGS 1,6MM

Packaging	KG/unit	EanCode
D-300	15	8720663406125