



# 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**

<b>ASTM</b>	<b>EN</b>
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 <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	450	540	22	HRc

**REDRYING** 140°C / 24 hr

**GAS ACC.** EN ISO 14175



# CEWELD OA S-71-TGS

## 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