



# CEWELD SA 890

**TYPE** Solid drawn wire for high tensile steels with yield strength >890 N/mm<sup>2</sup>.

**APPLICATIONS** Crane, steel, vessel and apparatus construction.

**PROPERTIES** Extreme crack resistant weld deposit due to extra low hydrogen content when combined with Ceweld FL 155. Developed for welding cold tough, high tensile fine grain steel exceeding a yield strength of 890N/mm<sup>2</sup>. To obtain the requested mechanical properties the heat input should be kept around 10 KJ/cm. Cooling time (T8/5) must be adjusted by travel speed and preheat temperature.

**CLASSIFICATION** EN ISO 26304-A: S4Ni2CrMo  
FM 2

**SUITABLE FOR** S890 TM-pipe steels to StE 890 to S890QL1, A 517, X 120 high-strength fine grain structural steels (low temp) to StE 960 (StE 1100 to 12 mm) to S960QL1 (S1100 to 12 mm)

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	Cr	Ni	Mo	P	S
0.1	0.6	1.85	0.6	2.2	0.55	0.007	0.005

**MECHANICAL PROPERTIES**

**REDRYING** Not required

**GAS ACC. EN ISO 14175**



# CEWELD SA 890

SA 890 2,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663404602

SA 890 3,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663404619