

# EZ - SG 120

## CLASSIFICATION

EN ISO 16834-A	AWS / ASME SFA-5.28
G 89 6 M Mn4Ni2CrMo	ER120S-G

## DESCRIPTION AND APPLICATION

A copper or bronze coated solid wire for welding of fine-grained structural steels with tensile strength up to 890 N/mm<sup>2</sup>. Because of micro alloying elements weld is highly ductility and

Steel grade	DIN (W. Nr.)	EN / ISO
Fine-grained structural steels	StE 880 V (1.8940)	S890Q

## MECHANICAL PROPERTIES OF THE ALL-WELD METAL

R <sub>eL</sub> N/mm <sup>2</sup>	R <sub>m</sub> N/mm <sup>2</sup>	A <sub>5</sub> %	KV (-60°C) J
> 890	940 - 1180	> 20	≥ 47

## APPROXIMATE CHEMICAL COMPOSITION OF THE ALL-WELD METAL

	C	Si	Mn	Cr	Ni	Mo
%	0,1	0,8	1,8	0,35	2,0	0,5

## SHIELDING GAS

M21 ili C1

## PACKAGING

Wire diameter mm	Winding
1,0; 1,2	Precision-wound (S-S)
15 kg - wire spool (S-S)	

## APPROVALS

DB; TÜV

