

# LNT/LNM CuAl 8

## Cu-base solid wire

### Classification

AWS A5.7-84R : ERCuAl-A1  
DIN 1733-88 : SG-CuAl8

### General description

Solid wire for welding copper-aluminium alloys, as aluminiumbronze  
High resistance to corrosion and wear

### Shielding gases (acc. EN 439)

GMAW 11 Inert gas Ar (100%)  
13 Inert gas Ar+ >0-95% He

### Approvals

### Chemical composition (w%), typical, wire

Cu	Al	Mn
bal.	8	0.3

### Mechanical properties, typical, all weld metal

	Process	Shielding gas	Condition	0.2% Proof strength (N/mm <sup>2</sup> )	Tensile strength (N/mm <sup>2</sup> )	Elongation (%)	Hardness HB
Typical values	GMAW	11	AW	185	430	30	95

### Materials to be welded

Material	Code	Type	W.Nr.
Copper-aluminium wrought alloys	DIN 17665	CuAl5As	2.0918
		CuAl18	2.0920
Copper-aluminium cast alloys	DIN 1714	G-CuAl8Mn	2.0962

### Packaging

Process	Unit	Sizes (mm)					
		0.8	1.0	1.2	1.6	2.0	
GTAW	2 kg tube					X	
GMAW	12 kg spool B300	X	X	X	X		

Other sizes and packaging on request

LNT/LNM CuAl 8: rev. EN 15

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