

## Classifications

<b>EN ISO 14343-A</b>	<b>AWS A5.9 / SFA-5.9</b>
Z18 Nb L	ER430(mod.)

## Characteristics and typical fields of application

GTAW rod for catalytic converters as well as exhaust silencers, mufflers, manifolds, and manifold elbows of analogous or similar materials.

## Base materials

1.4511 X3CrNb17, 1.4016 X6Cr17, AISI 430

## Typical analysis


	C	Si	Mn	Cr	Nb
wt.-%	0.02	0.5	0.5	18	> 12xC

## Mechanical properties of all-weld metal - typical values (min. values)

Condition	Hardness
	Brinell
u	150
a	130

u - untreated, as welded – shielding gas Ar + 8 – 10% CO<sub>2</sub>  
a - annealed, 760°C / 2h – shielding gas Ar + 8 – 10% CO<sub>2</sub>

## Operating data

	<b>Polarity</b>	DC-	<b>Dimension mm</b>
	<b>Shielding gas (EN ISO 14175)</b>	I1	1.6 × 1000
	<b>Rod marking</b>	+ 430 L Cb / WZ Cr18NbL	

## Approvals

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