





TYPE Metal cored stainless steel wire for gas shielded arc welding. (Type 1.4361, Alloy 1815)

APPLICATIONS CEWELD AA 4361 is suitable for welding silicon enhanced austenitic stainless steels. Weld metal

designed to join stainless steel 1.4361

PROPERTIES Resistant to the attack of highly concentrated nitric acid and of nitric acid additionally containing

strong deoxidants. Enhanced productivity, improved weldability, better wetting properties compared to solid wires. Excellent weld metal quality. Operating temperatures up to +350 $^{\circ}$ C. CEWELD AA 4361 is primarily used in flat and horizontal positions. However, welds in other positions are also

possible using short-arc or pulsed arc.

CLASSIFICATION EN ISO 17633-A: T Z 19 13 Si N L M M12 1

> W.Nr. 1.4361 FΜ 5

SUITABLE FOR 1.4361, 1.4500, 1.4505, 1.4506, 1.4536, 1.4539, 1.4585

> X1CrNiSi18-15-4 S30600, S32615 Alloy 1815, Uranus S1,

CE **APPROVALS**

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL

С	Si	Mn	Р	S	Cr	Ni
0.02	4	1.7	0.02	0.006	19.5	13

MECHANICAL PROPERTIES

Heat	R _{P0,2} (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
Treatment				RT	
As Welded	520	780	30	55	HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1, M12







AA 4361 1,2MM

Packaging	KG/unit	EanCode	
BS-300	15	8720682050149	