



# CEWELD Alloy 263

**TYPE** Solid nickel based filler metal for gas shielded arc welding.

**APPLICATIONS** CEWELD® Alloy 263 is developed for aircraft turbine engine and industrial turbine applications. These include low-temperature combustors, transition liners, and some ring components.

**PROPERTIES** CEWELD® Alloy 263 should be used used for applications up to about 1650°F (900°C). Its oxidation resistance is comparable to that for other gamma-prime-strengthened superalloys. CEWELD® Alloy 263 is an age-hardenable nickel-cobalt-chromium-molybdenum alloy designed specifically to combine good age-hardened strength properties with excellent fabrication characteristics in the annealed condition. CEWELD® Alloy 263 exhibits excellent intermediate temperature tensile ductility, and is not normally subject to strain age cracking problems common for gamma prime strengthened alloys.

**CLASSIFICATION**

**SUITABLE FOR** Nickel based alloys with simmilar composition as Nimonic 263

**APPROVALS** CE

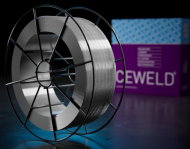
**WELDING POSITIONS**

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Mn	Si	Cr	Ni	Mo	Ti	Co
	0.06	0.4	0.2	20	Rem.	6	2.6	20

MECHANICAL PROPERTIES	Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
	As Welded		900		HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



# CEWELD Alloy 263

ALLOY 263 0,8MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663419798

ALLOY 263 1,2MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663419804