



# CEWELD DUR 1 Tig

**TYPE** Cobalt-based alloy with high abrasion and corrosion resistance. (Stellite 1)

**APPLICATIONS** Pump sleeves, expeller screws, impellers, plastic recycling, mixer blades for rubber, valves, seats etc.

**PROPERTIES** Outstanding hardfacing alloy against abrasion and corrosion combined with high temperatures.

**CLASSIFICATION** AWS A 5.21: ERCoCr-C  
EN ISO 14700: S Co3  
F-nr 71

**SUITABLE FOR** Stellite 1 alloy for cladding,

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	Cr	Fe	W	Co
2.4	0.7	0.4	30	2.8	11	Rem.

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				55 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD DUR 1 Tig

DUR 1 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402226
DUR 1 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402233
DUR 1 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402240
DUR 1 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402257
DUR 1 TIG 6,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402264