



# CEWELD DUR 21 Tig

**TYPE** Cobalt-based alloy with high abrasion and corrosion resistance (Stellite 21)

**APPLICATIONS** Forging tools, hot cutting and trimming tools, valve seats etc.

**PROPERTIES** DUR 21 Tig is a cobalt-based alloy rod with high abrasion and corrosion resistance.

**CLASSIFICATION**

AWS	A 5.21: ERCoCr-E
EN ISO	14700: S Co1
F-nr	71

**SUITABLE FOR** Stellite 21 alloy Forging tools, hot cutting and trimming tools, valve seats etc

**APPROVALS**

**WELDING POSITIONS**



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

C	Si	Mn	Cr	Ni	Mo	Fe	W	Co
0.3	0.9	1	28	3	5.5	1.6	0.4	Rem.

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				30 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD DUR 21 Tig

DUR 21 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402424
DUR 21 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402431
DUR 21 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402448
DUR 21 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402455