



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 EN ISO F-nr	A 5.21: ERCoCr-E 14700: S Co1 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 _{P0,2} (MPa)	R _m (MPa)	A5 (%)	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