



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 _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	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