CEWELD AA M37-42

certilas® THE FILLER METAL SPECIALIST

TYPE	Seamless medium alloyed metal powder fluxcored wire without slag for hardfacing using Ar-CO2 Mixgas
ANWENDUNGEN	375-450 HB, hardfacing and rebuilding alloy for wornout wheels, rails, tires, conveyors, crossings, shafts, bufferlayers prior to hardfacing. excelent wear and abrasion resistance against heavy impact and shock, machinable with carbide tools.
EIGENSCHAFTEN	Due to the high resistance to cracking and excelent toughness, all weld metal requires no buffer layer except on materials considered critical. Suited for wear parts subject to heavy impact and shock. The interpass temperature should be maximum 250°C. The weld metal is machinable with carbide tip tools, hardening is possible. The maximum hardness is dependent on the base metal and is achieved already in the first layer.

KLASSIFIKATION

EN ISO	14700: T ZFe2
DIN	8555: MF 1-GF-40 GPS

GEEIGNET FÜR

Conveyors and transport surfaces, tires, bucket and loader teeth, cruscher jaws, Bufferlayers, crane wheels, axis, gear parts, winches etc.

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Mo
0.4	0.7	1.5	2.5	0.5

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				40 HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

M21

CEWELD AA M37-42

AA M37-42 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663423214

AA M37-42 1,6MM

Packaging	KG/unit	EanCode
K-300	15	8720663423221