



CEWELD OA WC2 Ni

TYPE Fluxcored hardfacing welding wire with Nickel-Boron-Silicon matrix and 45-55% Tungsten carbides

(FTC)

APPLICATIONS This Ni-based alloy provides an excellent corrosion resistance combined with extreme abrasion

resistance. OA WC2 (Ni) can be applied on all sorts of steels except on cast iron or Mn-steel. This alloy is the most wear resistant type in most hardfacing applications. In case of very fine dust abrasion It might happen that the matrix will be washed out and looses the imbedded Tungsten

carbides, in this case another hardfacing product should be considdered.

PROPERTIES 2360 HV nickel based corrosion resistant hardfacing alloy containing 45-55% tungsten carbides. OA

WC2 (Ni) has excellent flow and wetting characteristics. Multi-layer deposits are possible and worn parts can be rebuild without removing the old material. Fused Tungsten Carbides will guaranty a long life for several wear applications. Best to be used with shielding gas M13 (Argon with 1%

Oxygen) approx. 15 litres per minute.

CLASSIFICATION EN ISO 14700: T Ni20

DIN 8555: MF 21-GF-55-CGTZ

2.5

SUITABLE FOR Rebuilding of stabilisers and other oilfield tools where maximum protection is required. Also for

augers, impellers, mixer plates in the brick and clay industry and on decanter screws or hardfacing

Avg. 2360

deep drilling equipment.

APPROVALS No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL
ANALYSIS OF WELD METAL

ANALYSIS OF WELD METAL (%)

٩L	0.4		

Heat Treatment	R _{P0,2}	Rm	A5	Hardness
Treatment	MPa	MPa	(%)	Vickers

Rem.

ALL WELD MECHANICAL PROPERTIES

REDRYING TEMPERATURE

140°C / 24 hr

As Welded /

GAS ACCORDING EN 14175 M20





CEWELD OA WC2 Ni

OA WC2 NI 1,2MM	Type	KG/unit	EANCode	
	BS-300	15	8720663403865	
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OA WC2 NI 1,6MM	Туре	KG/unit	EANCode	
	BS-300	15	8720663403889	
OA WC2 NI 2,4MM	Type	KG/unit	EANCode	
	BS-300	15	8720663403902	