
# CEWELD OA WC2 Fe

certilas® THE FILLER METAL SPECIALIST

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|---|---|
| TYPE | Iron based flux cored wire for hardfacing containing a high amount of fused tungsten carbides. |
| APPLICATIONS | This fused tungsten carbide based alloy provides an excellent resistance against extreme abrasion wear. OA WC2-Fe can be applied on most type of steels except on cast iron or Mn-steel. This alloy is the most wear resistant type in almost any hardfacing application. |
| PROPERTIES | 2400 HV Iron and Tungsten based hardfacing alloy containing 52-58% (depending on wire diameter) tungsten carbides. OA WC2-Fe has good welding characteristics. Multi-layer deposits are not recommended due to the extreme high hardness. Fused tungsten carbide will guaranty a long life for several wear applications. Best to be used without gas protection (self shielded). |

CLASSIFICATION

| | |
|---|---|
| EN ISO | 14700: T Fe20 |
| DIN | 8555: MF 21-GF-65-GZ |

SUITABLE FOR

Rebuilding of stabilisers and other oilfield tools where maximum protection against abrasion is required. Also for augers, impellers, mixer plates in the brick and clay industry and on decanter screws or hardfacing deep drilling equipment.

APPROVALS

WELDING POSITIONS


TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| WSC |
|---|
| 56 |

MECHANICAL PROPERTIES

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Hardness |
|---|---|---|---|---|
| As Welded | | | | 2400 HV |

REDRYING

140°C / 24 hr

HARDNESS

matrix: 65-67HRc, Carbides: 2400HV

GAS ACC. EN ISO 14175


# CEWELD OA WC2 Fe



OA WC2 FE 1,6MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| BS-300 | 15 | 8720663403834 |

OA WC2 FE 2,4MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| BS-300 | 15 | 8720663403858 |