

# CEWELD E DUR 71

|                |                                                                                                                                                                                                                                                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE           | Basic coated electrode with a sintered tungsten carbide core wire.                                                                                                                                                                                                                                                                                       |
| ANWENDUNGEN    | For extreme wear resistance, elements as Niobium and Chromium carbides are also added to obtain a complex carbide structure. Specially used for applications subject to abrasive wear such as sand or other minerals with little impact. Recommended for the brick and clay industry or extreme high temperature applications in power plant industries. |
| EIGENSCHAFTEN  | CEWELD E DUR 71 is designed to offer full wear resistance and high hardness already achieved in the first layer. To be welded with low as possible current to avoid burnout of elements.                                                                                                                                                                 |
| KLASSIFIKATION |                                                                                                                                                                                                                                                                                                                                                          |
| GEEIGNET FÜR   | For extreme heavy abrasion and wear applications such as, mixers and screws in the brick and clay industry, electricity powerplant screws (ash), mining, drilling etc                                                                                                                                                                                    |

## ZULASSUNGEN

## SCHWEISSPOSITIONEN



## MECHANISCHE GÜTEWERTE

| Heat Treatment | $R_{p0,2}$ (MPa) | $R_m$ (MPa) | A5 (%) | Hardness |
|----------------|------------------|-------------|--------|----------|
| As Welded      |                  |             |        | 65 HRc   |

## RÜCKTROCKNUNG

Not required

## HARDNESS HRC

first layer:  $\pm 63-65$  HRc second layer:  $\pm 66-70$  HRc

## GAS ACC. EN ISO 14175

# CEWELD E DUR 71

E DUR 71 3,2 X 350MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Can       | 2,5     | 8720663402721 |

E DUR 71 4,0 X 350MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Can       | 2,5     | 8720663402738 |