



CEWELD E DUR 60 Kb

TYPE Basic coated, alloyed Cr-Mo-V electrode.(E Fe8, 60 HRc)

APPLICATIONS CEWELD E Dur 60 Kb is for the application of steel parts that are exposed to high loads. For example, armoring of parts that are exposed to heavy stress and abrasion from stone, coal, sand, etc.

PROPERTIES The weld deposit of CEWELD E Dur 60 Kb is one of the most universal alloys in Hardfacing applications and can also be applied austenitic manganese steels. Very good weld deposit appearance and outstanding welding properties on both AC and DC+. Outstanding alloy against high impact combined with abrasion including metal into metal friction. Preheating is not required.

CLASSIFICATION

| | |
|--------|-------------------|
| AWS | A 5.13: ~E Fe3 |
| EN ISO | 14700: E Fe8 |
| DIN | 8555: E 6-UM-60-G |
| F-nr | 71 |

SUITABLE FOR Mixing arms, Cold cutting tools, Hammers, Rolls, Loaders, Buckets, Pumps, Hardfacing on Austenitic Manganese steel, Rebuilding Knives

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| C | Mn | Cr | Mo | V | Fe | Si |
|-----|-----|-----|-----|---|------|-----|
| 0.6 | 0.6 | 7.5 | 0.8 | 1 | Rem. | 0.5 |

MECHANICAL PROPERTIES

| Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A ₅ (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded | | | | 58 HRc |

REDRYING 300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD E DUR 60 Kb

| | | | |
|-------------------------|-----------|---------|---------------|
| E DUR 60 KB 2,5 X 350MM | Packaging | KG/unit | EanCode |
| | Can | 3 | 8720663401632 |
| E DUR 60 KB 3,2 X 350MM | Packaging | KG/unit | EanCode |
| | Can | 3,3 | 8720663401656 |
| E DUR 60 KB 3,2 X 450MM | Packaging | KG/unit | EanCode |
| | Can | 3,3 | 8720663401649 |
| E DUR 60 KB 4,0 X 450MM | Packaging | KG/unit | EanCode |
| | Can | 3,5 | 8720663401663 |
| E DUR 60 KB 5,0 X 450MM | Packaging | KG/unit | EanCode |
| | Can | 3,3 | 8720663401670 |