

# CEWELD MA 617

**TYPE** Stainless welding wire for hard-facing against abrasion combined with corrosion and heavy impact loads.

**APPLICATIONS** Car recycling, cutters, pumps, stone crushers, clay extruders, cutting tools, food machinery etc. .

**PROPERTIES** CEWELD MA 617 offers outstanding metal to metal wear resistance combined with impact, despite the high hardness several layers can be applied without risk of chipping of. The weld deposit is temperature resistant up to 500°C and hardness will remain very well at increased temperatures. Scale resistant till 900°C.CEWELD MA 617 is best to be used with Ar/Co2 - 98-2.

**CLASSIFICATION** EN ISO 14700: S Fe8  
W.Nr. 1.4122

**SUITABLE FOR** Pumps, clay screws, seats, valves, cutting edges, rebuilding steel mill rollers, dies, mixing tools for sand, bentonit, clay, food machinery etc

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

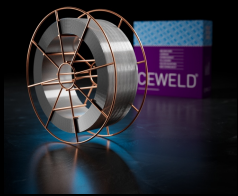
| C   | Mn  | Cr | Ni  | Mo | Fe   | Si  |
|-----|-----|----|-----|----|------|-----|
| 0.4 | 0.9 | 16 | 0.4 | 1  | Rem. | 0.5 |

**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 50 HRc   |

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M21, M20, M12



# CEWELD MA 617

MA 617 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403193 |

MA 617 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403209 |

MA 617 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403216 |