



# CEWELD MA HSS

|                                                |                                                                                                                                                                                                                                |                         |                         |    |                      |      |                    |          |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|----|----------------------|------|--------------------|----------|
| TYPE                                           | Solid drawn hardfacing alloy based on a High Speed Steel (HSS) weld deposit.                                                                                                                                                   |                         |                         |    |                      |      |                    |          |
| ANWENDUNGEN                                    | Cutting edges, tool making, gouges, turning chisel, broaches, schredder knives, scissors etc.                                                                                                                                  |                         |                         |    |                      |      |                    |          |
| EIGENSCHAFTEN                                  | Extreme hard and heat resistant alloy that offers excellent cutting properties when cutting steel cables, bars, wooden bars etc. The CEWELD MA HSS is only machinable by grinding.                                             |                         |                         |    |                      |      |                    |          |
| KLASSIFIKATION                                 | AWS                                                                                                                                                                                                                            | A 5.21: ERFe-8          |                         |    |                      |      |                    |          |
|                                                | EN ISO                                                                                                                                                                                                                         | 14700: S Fe3            |                         |    |                      |      |                    |          |
|                                                | DIN                                                                                                                                                                                                                            | 8555: MSG 4-UM-60-65-ST |                         |    |                      |      |                    |          |
|                                                | W.Nr.                                                                                                                                                                                                                          | 1.3348                  |                         |    |                      |      |                    |          |
|                                                | F-nr                                                                                                                                                                                                                           | 71                      |                         |    |                      |      |                    |          |
| GEEIGNET FÜR                                   | 57-62 HRc hardfacing alloy for steel cutting knives, scissors, HSS, high speed tool steel, 1.3348, molds, edges and repairs on ; X85WDCV06-04-02 ; V6Mo5Cr4V2 ; HS 6-5-2 ; M2, J438B; X85WDCV06-04-02 ; BM2 ; SKH 51 ; R 6 M 5 |                         |                         |    |                      |      |                    |          |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                |                         |                         |    |                      |      |                    |          |
| SCHWEISSPOSITIONEN                             |                                                                                                                                               |                         |                         |    |                      |      |                    |          |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | C                                                                                                                                                                                                                              | Mn                      | Cr                      | Mo | V                    | Fe   | W                  | Si       |
|                                                | 1                                                                                                                                                                                                                              | 0.3                     | 4                       | 8  | 2                    | Rem. | 1.8                | 0.3      |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment                                                                                                                                                                                                                 |                         | R <sub>P0,2</sub> (MPa) |    | R <sub>m</sub> (MPa) |      | A <sub>5</sub> (%) | Hardness |
|                                                | As Welded                                                                                                                                                                                                                      |                         |                         |    |                      |      |                    | 60 HRc   |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                   |                         |                         |    |                      |      |                    |          |
| GAS ACC. EN ISO 14175                          | M21                                                                                                                                                                                                                            |                         |                         |    |                      |      |                    |          |



# CEWELD MA HSS

MA HSS 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663401755 |

MA HSS 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663401762 |