



# CEWELD CuAl8Ni2 Tig

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                         |                      |        |          |     |       |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------|----------------------|--------|----------|-----|-------|
| TYPE                                           | TIG Aluminium / Nickel alloyed copper welding wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                         |                      |        |          |     |       |
| ANWENDUNGEN                                    | Joint welds or building up of aluminum bronze. Cladding components undergoing metal to metal wear under high pressure. Especially suited for marine environments. The addition of nickel improves corrosion resistance in heat and rough seawater.                                                                                                                                                                                                                                                                                                                                                       |                                           |                         |                      |        |          |     |       |
| EIGENSCHAFTEN                                  | Special alloyed copper wire for the TIG process. The weld metal is a Cu-Al-Ni bronze. Sound, pore free deposits on ferrous and non-ferrous base materials.      Excellent resistance to cavitations and stress corrosion cracking.                                                                                                                                                                                                                                                                                                                                                                       |                                           |                         |                      |        |          |     |       |
| KLASSIFIKATION                                 | EN ISO<br>W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24373: Cu 6327 / CuAl8Ni2Fe2Mn2<br>2.0922 |                         |                      |        |          |     |       |
| GEEIGNET FÜR                                   | This filler metal with increased strength and corrosion properties is verry well suited for Ship propellers, shipbuilding, pump building, shafts, guide grooves etc. W.Nr: 2.0916,2.0920, 2.0928, 2.0932, 2.0936, 2.0940, 2.0960, 2.0962, 2.0966, 2.0970, 2.0978, 2.0980.                                                                                                                                                                                                                                                                                                                                |                                           |                         |                      |        |          |     |       |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                         |                      |        |          |     |       |
| SCHWEISSPOSITIONEN                             | <div>      </div> |                                           |                         |                      |        |          |     |       |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | Si                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mn                                        | Fe                      | Cu                   | Zn     | Pb       | Al  | Ni+Co |
|                                                | 0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                         | 2                       | Rem.                 | 0.1    | 0.01     | 8.5 | 2.5   |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |     |       |
|                                                | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                         | 590                  |        | 140 HB   |     |       |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                         |                      |        |          |     |       |
| GAS ACC. EN ISO 14175                          | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                         |                      |        |          |     |       |



# CEWELD CuAl8Ni2 Tig

|                           |           |         |               |
|---------------------------|-----------|---------|---------------|
| CUAL8NI2 TIG 10 X 1000MM  | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663424495 |
| CUAL8NI2 TIG 12 X 1000MM  | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663424488 |
| CUAL8NI2 TIG 2,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663409188 |
| CUAL8NI2 TIG 2,4 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663409201 |
| CUAL8NI2 TIG 3,2 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663409195 |
| CUAL8NI2 TIG 4,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663409218 |
| CUAL8NI2 TIG 5,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663409225 |
| CUAL8NI2 TIG 6,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663409232 |
| CUAL8NI2 TIG 8,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                           | Tube      | 5       | 8720663424501 |