



CEWELD Ni-Rod FM 99 Tig

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| TYPE | Solid Nickel based filler metal for TIG welding. |
| ANWENDUNGEN | CEWELD® Ni-Rod FM 99 Tig is developed for welding ductile, grey and malleable cast irons. He can also be used for dissimilar welding between cast iron and low alloyed steel or carbon steels. |
| EIGENSCHAFTEN | This Nickel weld deposit offers a easily machinable weld deposit with high ductility and no undercut. |
| KLASSIFIKATION | AWS A 5.15: E Ni-CI EN ISO 1071: E C Ni-CI-1 |
| GEEIGNET FÜR | Welding ductile, grey and malleable cast irons. CEWELD® Ni-Rod FM 99 Tig can also be used for dissimilar welding between cast iron and low alloyed steel or carbon steels to prevent problems in the heat effected zone. (HAZ) |

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

| Ni | C | Mn | Fe | S | Si | Cu | P |
|------|------|------|-----|------|------|------|------|
| Rem. | 0.15 | 0.35 | 0.4 | 0.01 | 0.35 | 0.25 | 0.01 |

MECHANISCHE GÜTEWERTE

| Heat Treatment | R _{p0,2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded | 250 | 490 | 40 | HRc |

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1, M11



CEWELD Ni-Rod FM 99 Tig

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|------------------------------|-----------|---------|---------------|
| NI-ROD FM 99 TIG 1,6MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663417855 |
| NI-ROD FM 99 TIG 1,6 X 914MM | Packaging | KG/unit | EanCode |
| | Tube | 4,54 | 8720663417862 |
| NI-ROD FM 99 TIG 2,0 X 914MM | Packaging | KG/unit | EanCode |
| | Tube | 4,54 | 8720663417879 |
| NI-ROD FM 99 TIG 2,4 X 914MM | Packaging | KG/unit | EanCode |
| | Tube | 4,54 | 8720663417886 |
| NI-ROD FM 99 TIG 3,2 X 914MM | Packaging | KG/unit | EanCode |
| | Tube | 4,54 | 8720663417893 |