ZINCO-NICHEL - ALTA RESISTENZA ALLA CORROSIONE

ZINC-NICKEL - HIGH CORROSION RESISTANCE
The alkaline zinc-nickel process is cyanide-free. The 12-15% nickel content provides excellent corrosion resistance and can be applied on small metal parts in barrel or on racks. The method has undergone great developments over the past years in response to increasingly exigent needs concerning coloured metal coating corrosion resistance. In the automotive industry, for instance, while 240/400 hours of corrosion resistance to red rust (ref. ISO9227) was considered sufficient until a few years ago, today resistance from 720 to 1500 hours r.r. are required for many components. Results like these can only be achieved with thin coatings using this type of galvanic process.

**Resistance to corrosion:**
From > 720 hours to 1500 hours r.r. in salt spray chamber (ref. ISO 9227)

**Next-generation galvanic systems**
The zinc-nickel galvanic treatment is carried out using next-generation computerised systems in static and barrel processes.

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**ZINCO-NICHEL ALTA RESISTENZA ALLA CORROSIONE**

**Principali Capitolati di riferimento**
Main reference specifications

ASTM B841 - BMW GS90010 - BOSCH N67 926 45
BREMBO BDS 11.24 - BREMBO BDS 11.27
CHRYSLER GROUP LLC PS-9895 - CONTINENTAL ATE N106.61.00
CONTITECH ANDFLEX NFT 831 - DAIMLER-BENZ DBL 8451
DELF H DX51300 - IVECO I.S. 16-1103
MAGNETI MARELLI PF 60817 - MERCEDES DSB 8451
PSA 9154102 - RENAULT REN 01-71-002 - DIN 50962
DIN 50979 - DUCATI STR087 - FCA 11038 - FCA FS 50031
FEDERAL MONGUL FEDERAL 041018 - FIAT 957409
FORD 95-85082-5 - GMW 4700 - SCANIA STD 4165
TRW TSZ-21108E - VDA 233-101
VOLKSWAGEN VW 13750 - VOLKSWAGEN VW TL 244

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**Impianti galvanici di ultima generazione**

Il trattamento galvanico di zinco-nichel viene effettuato con l’impiego di impianti computerizzati di ultima generazione, sia in lavorazioni statiche che a rotobarele.