



MAGNI 560, 565, 575

Description

It is a Cr6-free standardized process for corrosion protection of fasteners. It complies with the European environmental regulations. It provides corrosion resistance by sacrificial effect and also barrier effect.

MAGNI 575 is a black colored version, there is no need for additional top-coats and lubricating layer. **MAGNI B18** over electroplated zinc is called **MAGNI 560** and it provides specific coefficients of friction. **MAGNI 565** is a two-layer system that maintains a higher corrosion resistance.



Application technology

Dip-spinning

Spray

MAGNI B46

Zinc and aluminum sheet coating: it doesn't contain Cr6 + or Cr3 +. The layer thickness depends of the corrosion resistance properties to provide to the part to be protected. Generally, layer thickness varies between 6 and 8 microns.

MAGNI B18 / B37 MAGNI

- Organic coating (4 to 6 microns) solvent based.
- It provides colour for identification purposes.
- It Increases corrosion resistance.
- It provides a coefficient of friction.
- It avoids galvanic corrosion.

Aspect	Silver or black
Layer Thickness	10 / 12 microns
Chemical compatibility	Good adherence and microcapsulates
Coefficient of friction	0,12 a 0,18
NSS test (ISO 9227/ ASTM B117)	240 h OW 1000 h OR

Standards and specs

- **BMW:** GS90010
- **CHRYSLER:** DBL8440
- **PSA:** (5873)
- **FORD:** S439, S440
- **GM:** GM7114M, GMW3359
- **Daimler:** DBL 8440
- **Fiat:** 9 57513/TipolV
- **NISSAN:** M4601
- **PSA:** B15 3320

General properties

- No risk of hydrogen embrittlement
- Appearance: Standard colour is silver and black (other colors upon request)
- Adjustable coefficient of friction on threaded fasteners
- Coating cured at 250 °C
- Cathodic protection.
- Chemical resistance.



Pats with zinc coating Magni 565

Uses

- Automotive industry, brake systems.
- Industrial vehicles.
- Renewables energy, construction.
- Fuel tanks and fuel feeding pipes.

THIS TREATMENT IS APPLIED DIRECTLY IN LINE OR IN COMBINATION WITH PREVIOUS AND SUBSEQUENT APPLICATIONS.
GALOL S.A. offers the possibility to reduce logistic costs between the different operations of manufacturing of the part.

GALOL S.A.

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