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# MAGNI 501

## ZINC ELECTROPLATE REPLACEMENT FINISH

Magni 501 is a globally available chrome-free, inorganic zinc-rich corrosion protection coating engineered for use on fasteners and other metal components. An ideal replacement coating for zinc plating and trivalent passivation, Magni 501 is applied as a thin, paintable coat that provides exceptional corrosion protection in a single layer. The result is superior performance compared to conventional zinc plating.

- Alleviates hydrogen embrittlement concerns
- Applied via dip-spin with tilt and tumble to minimize recess fill
- Excellent protection against aluminum
- Consistent torque-tension relationship
- No waste treatment
- Resistant to automotive fuels and fluids
- RoHS, WEEE, ELV and REACH compliant



### PERFORMANCE DATA:

Acceptable pretreatments	Zinc phosphate or shot blast
Coating thickness	8-10 microns
Coefficient of friction ISO 16047:	Various, range from 0.11 to 0.17
Color	Silver (black & gold also available)
Salt spray ATSMB117:	240+ hours

### OEM SPECIFICATIONS:

AGCO 75100300  
 Kubota  
 PACCAR  
 Vermeer VRM 11-212

\*Typical Values – refer to OEM Specifications and Magni Application Guidelines for official specifications

