

# MAGNI 594

## MAGNI 594 FASTENER COATING



Magni 594 is a chrome-free duplex fastener coating that combines an inorganic zinc-rich basecoat with an aluminum-rich, friction-modified topcoat. Engineered for use on fasteners, including nuts, bolts, screws and other hardware, Magni 594 offers fewer processing steps, resulting in improved quality and reduced costs. Magni 594 can be applied via dip-spin or spray application methods.

### PERFORMANCE DATA\*:

|                                    |  |
|------------------------------------|--|
| <b>Color</b>                       | Silver   |
| <b>Coating thickness</b>           | 5 microns minimum (topcoat) over<br>7 microns minimum (basecoat) |
| <b>Coefficient of friction</b>     |  |
| ISO 16047:                         | 0.12 ± 0.03  |
| PS-11036 Nm@42.3kN:                | 54-81  |
| <b>Cyclic corrosion resistance</b> |  |
| SAEJ2334:                          | 80 cycles  |
| <b>Salt spray</b>                  |  |
| ASTM B117:                         | 1,000 hours  |

### OEM SPECIFICATIONS:

|             |                                   |
|-------------|-----------------------------------|
| ASTM        | F2833 Grade 4                     |
| BMW         | GS90010 ZnS3                      |
| Daimler     | DBL 8440.30,<br>DBL9440.40        |
| FCA         | PS-11036, 9.57513                 |
| Genie Terex | GES 1326                          |
| Manitowoc   | 6829104440                        |
| Volkswagen  | TL233 OfI-t630,<br>TL245 OfI-t647 |



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