



# MAGNI 565

Magni 565 is a chrome free duplex fastener coating system that combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat.

Magni 565 has been formulated as a two-coat system, providing a cost advantage while maintaining superior corrosion resistance. Friction modifiers are integrated into the Magni 565 topcoat, providing repeatable torque tension characteristics during assembly.

Magni 565 is designed for use on externally threaded fasteners, stampings and other types of hardware. This product can be applied via dip-spin or spray and is available in a variety of colors.

Magni 565 is currently the preferred finish on fasteners at many automotive manufacturers.

## Performance Data:

<b>Salt Spray</b> ASTM B117	720-1000 Hours
<b>Cyclic Corrosion Resistance</b>	
GM9540P	60 cycles
SAEJ2334	120 cycles
Volvo VCS 1027,149	tbd
<b>Coefficient of Friction</b> Coefficient of Friction Tested per DIN 946 ±.03	0.13 (other levels available)
<b>Coating Thickness</b>	13 microns
<b>No Hydrogen Embrittlement Concerns</b>	
<b>Excellent Bi-Metallic Corrosion Resistance</b>	
<b>Heat Resistance</b>	250° F (long term) 500° F (short term)
<b>Resistant to Automotive Fuels and Fluids</b>	
<b>Paintable</b>	
<b>RoHS, WEE, and ELV Compliant</b>	

## Specifications:

Arvin Meritor	P91
Bobcat	PS-106A
BMW	GS90010
Briggs & Stratton	
Brose	BN590295-106
Case New Holland	MAT0320, Type 1, Class A
Chrysler	PS-5873 (ref: PS-10633 non-threaded), PS-10633, PS-10378
Daimler-Benz	DBL 8440
Delphi	DX551801, DX45501804, DX551810, DX44501804
Fiat	9.57513/Typo IV
Ford	S439 (WSS-M21P37-A1)
General Motors	GM7114M, GMW3359
Int'l Truck	TMS-4518, Type I
ISO	10683
JLG	4150701
John Deere	JDM F13
Land Rover	LRES.21.ZS.05
Nissan	M4601
Porsche	PTL 7529
PSA	B15 3320
Renault Trucks	01.71.4002/H
Tacom/US Army	12469117
Toro	
Trane	S 3201063A1
TRW	TS 2-25-60, Class A
Volkswagen	TL 233
Volvo	VCS5737.29, .19

