

MAGNI 565

MAGNI 565 FASTENER COATING



Magni 565 is a chrome-free duplex coating that combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat. Formulated as a two-coat system and resistant to automotive fuels and fluids, Magni 565 is the preferred fastener coating of leading global automotive manufacturers. It provides superior corrosion protection and cost-effectiveness and is typically applied to externally threaded fasteners, stampings and other hardware.

- Applied via dip-spin or spray application methods
- Alleviates hydrogen embrittlement concerns
- Excellent bimetallic corrosion resistance
- Paintable
- RoHS, WEEE and ELV compliant

PERFORMANCE DATA*:

Coating thickness	5 microns minimum (topcoat) over 8 microns (basecoat)
Coefficient of friction ISO 16047:	0.15 ± 0.03 (other levels available)
Color	Various
Cyclic corrosion resistance	
GMW 14872:	Duration E
SAEJ2334:	120 cycles
Volvo VCS 1027, 149:	TBD
Salt spray	
ASTM B117:	1,000 hours

OEM SPECIFICATIONS:

AGCO	75100300
Alstom	DTRF 150611revF1
Amonix	90400026
Arvin Meritor	P91
ASTM	F2833, F3125, A490, A325
BAE Systems	300009
Bobcat	PS106A
Brose	BN-590295-106
Case New Holland	MAT0320, Type 1, Class A
Cummins	74045
Daimler	DBL8440.20/.22
Delphi	DX551804, DX551801
Denso	DDS6700-008, DF3-BT
Dometic	12-67 E2
FCA	9.57513/Type IV, PS-10378, PS-10633, PS-9666, PS-11036 Black
Ford	WSS-M21P37-A1(S439)
Gamesa	GTS16016
GE	F69A4, E00C12200, TS00001901
General Motors	GMW 3359, GMW 7114M
Genie Terex	GES 1326
Honda	HES D2008-1
ISO	10683, 12944-C5
Jaguar Land Rover	STJLR 50.5043.A1, LRES.21.ZS.05
JLG	4150701
John Deere	JDM F13
Navistar	TMS-4518, Type I
Nissan	NES M4601
PACCAR	CS0059
Parker Hydraulics	PS-623
Porsche	PTL 7529
PSA	B15 3320
Renault	01.71.002, 01.71.4002/H (Truck)
Reyher	REY026
Rivian	R106
Senvion	2-6.2-TS.00.99-B
Subaru	TS430-09-012
Tesla	TM-0010F-M
Thermo-King	TKS 10-002
Toyota	TSH 7702G-D
Trane	S 3201063A1
TRW Automotive	TS 2-25-60, Class A
US Army/TACOM	12469117
Volkswagen	TL245 Off-t611, TL245 Off-t602, TL245 Off-t615, TL233 Off-t330
Volvo	VCS5737.29, .19
Worthington	ESSGB (black), ESSGS (silver)



*Typical Values – refer to OEM Specifications and Magni Application Guidelines for official specifications
Anti-Corrosion Effect Pigment Paint