

# MAGNI 565

## MAGNI 565 BLACK FASTENER COATING



Magni 565 Black 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 Black 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\*:

**Coefficient of friction**  
ISO 16047: 0.15 ± 0.03  
(other levels available)

**Color** Black

**Cyclic corrosion resistance**  
GMW 14872: Duration E  
SAEJ2334: 120 cycles  
Volvo VCS 1027, 149: TBD

**Salt spray**  
ASTM B117: 840 hours minimum

### OEM SPECIFICATIONS:

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
Dometic	12-67 E2
FCA	9.57513/Type IV, PS-10378, PS-10633, PS-9666, PS-11036 Black
Ford	WSS-M21P37-A3 (S439B) F69A4
GE	F69A4
General Motors	GMW 3359, GMW 7114M
Genie Terex	GES 1326
Honda	HES D2008-1
ISO	10683
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
Porsche	PTL 7529
PSA	B15 3320
Renault	01.71.002, 01.71.4002/H (Truck)
Reyher	REY026
Tesla	TM-0010F-M
Thermo-King	TKS 10-002
Trane	S 3201063A1
TRW Automotive	TS 2-25-60, Class A
US Army/TACOM	12469117
Volkswagen	TL245 OfI-t611
Volvo	VCS5737.29, .19



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