

**Description**

MS27642-16 Airframe Ball Bearing

\* Manufacturer certifications are shipped with your order FREE of charge

Order this part online

**Additional Information**

SKU / Model:	MS2764216
Minimum Qty (MOQ):	1
NSN:	3110-00-042-0443
ECCN:	EAR99
National Motor Freight:	114820, Bearings / Bushings Noi Ball / Roller



\* See page 2 for technical characteristics

# P/N MS27642-16 Specifications

Bore Diameter:	1.0000 Inches Nominal
Overall Outside Diameter:	1.7500 Inches Nominal
Lubrication Material:	Grease
Outer Ring Width:	0.3750 Inches Nominal
Inner Ring Width:	0.4370 Inches Nominal
Seal Quantity:	2
Bearing Seal Type:	Contact
Load Direction:	Radial
Standard Tolerance Designation:	Afbma Std Tolerance For Airframe Ball Bearings
Special Features:	W80 Pct. Full Of Mil-g-81322,heat Treat Rings And Balls To Rockwell C 60 To 66 And Stabilized For Operation At 250 Deg.f,radial And Lateral Eccentricity,inner Ring 0.0010 In. Outer Ring 0.0016 In.,0.0003-0.0010 In. Radial Clearance
Lubrication Material Document And Classification:	Mil-g-81322 Mil Spec Single Material Response
Material:	Plastic Polytetrafluoroethylene Seal
Material:	Steel Comp E52100 Ball Or Steel Comp E51100 Ball
Material:	Steel Comp E52100 Inner Ring
Material:	Steel Comp E52100 Outer Ring
Material:	Steel Corrosion Resisting Retainer
Material:	Steel Comp E52100 Or Steel Comp E51100 Ball
Material Document And Classification:	66 Fed Std All Material Responses Ball
Material Document And Classification:	66 Fed Std Single Material Response Inner Ring
Material Document And Classification:	66 Fed Std Single Material Response Outer Ring
Material Document And Classification:	Ams 3652 Assn Std Single Material Response Seal
Surface Treatment:	Cadmium Ball
Surface Treatment:	Cadmium Inner Ring
Surface Treatment:	Cadmium Outer Ring
Surface Treatment Document And Classification:	Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Ball

<b>Surface Treatment Document And Classification:</b>	Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Inner Ring
<b>Surface Treatment Document And Classification:</b>	Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Outer Ring
<b>Style Designator:</b>	Single Row Inner Ring Extended Both Sides

## How to Order

Order this airframe ball bearing from our inventory online by visiting <https://military-fasteners.com/bearings/airframe+ball+bearings/MS27642-16> and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out [here](#) to complete your order.