

**Description**

MS27644-8 Airframe Ball Bearing

\* Manufacturer certifications are shipped with your order FREE of charge[Order this part online](#)**Additional Information****Alternate Part Numbers**[DPP8H](#)

SKU / Model:	MS276448
Minimum Qty (MOQ):	1
NSN:	3110-00-042-4589
ECCN:	EAR99
National Motor Freight:	114820, Bearings / Bushings Noi Ball / Roller



\* See page 2 for technical characteristics

# P/N MS27644-8 Specifications

<b>Bore Diameter:</b>	0.5000 Inches Nominal
<b>Overall Outside Diameter:</b>	1.6875 Inches Nominal
<b>Lubrication Material:</b>	Grease
<b>Outer Ring Width:</b>	0.8560 Inches Nominal
<b>Inner Ring Width:</b>	0.9320 Inches Nominal
<b>Seal Quantity:</b>	2
<b>Bearing Seal Type:</b>	Contact
<b>Load Direction:</b>	Radial
<b>Standard Tolerance Designation:</b>	Afbma Std Tolerance For Airframe Ball Bearings
<b>Special Features:</b>	Q80 Pct. Full Of Mil-g-81322,axial Play 0.007 In.,heat Treat Rings And Balls To Rockwell C 60 To 66 And Stabilized For Operation At 250 Deg F,radial And Lateral Eccentricity 0.0010 In. Inner Ring,0.0016 In. Outer Ring
<b>Lubrication Material Document And Classification:</b>	Mil-g-81322 Mil Spec Single Material Response
<b>Material:</b>	Plastic Polytetrafluoroethylene Seal
<b>Material:</b>	Steel Comp E52100 Ball Or Steel Comp E51100 Ball
<b>Material:</b>	Steel Comp E52100 Inner Ring
<b>Material:</b>	Steel Comp E52100 Outer Ring
<b>Material:</b>	Steel Corrosion Resisting Retainer
<b>Material Document And Classification:</b>	66 Fed Std All Material Responses Ball
<b>Material Document And Classification:</b>	66 Fed Std Single Material Response Inner Ring
<b>Material Document And Classification:</b>	66 Fed Std Single Material Response Outer Ring
<b>Material Document And Classification:</b>	Ams 3652 Assn Std Single Material Response Seal
<b>Surface Treatment:</b>	Cadmium Ball
<b>Surface Treatment:</b>	Cadmium Inner Ring
<b>Surface Treatment:</b>	Cadmium Outer Ring
<b>Surface Treatment Document And Classification:</b>	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

**Surface Treatment Document And Classification:**

Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Outer Ring

**Style Designator:**

Double Row

## How to Order

Order this airframe ball bearing from our inventory online by visiting <https://military-fasteners.com/bearings/airframe+ball+bearings/MS27644-8> 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.