

**Description**

intermediate duty anti-friction airframe bearing

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

|                         |   |
|-------------------------|---|
| SKU / Model:            | MS276418                                      |
| Minimum Qty (MOQ):      | 1   |
| NSN:                    | 3110-00-042-0440                              |
| ECCN:                   | EAR99   |
| National Motor Freight: | 114820, Bearings / Bushings Noi Ball / Roller |

NO IMAGE  
AVAILABLE

# P/N MS27641-8 Specifications

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| <b>Bore Diameter:</b>                                    | 0.5000 Inches Nominal  |
| <b>Overall Outside Diameter:</b>                         | 1.1250 Inches Nominal  |
| <b>Lubrication Material:</b>                             | Grease   |
| <b>Outer Ring Width:</b>                                 | 0.3130 Inches Nominal  |
| <b>Inner Ring Width:</b>                                 | 0.3750 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>                                 | 180 Pct. Full Of Mil-g-81322,internal Radial Clearance 0.0004- 0.0010 In.,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. |
| <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:</b>   | Steel Comp E52100 Or Steel Comp E51100 Ball  |
| <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   |

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|---|--|
| <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/MS27641-8> 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.