

**Description**

Fastener Length: 1/2", Thread: 1/4-28, Thread Length: 3/8

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

Order this part online

**Additional Information**

|                         |   |
|-------------------------|---|
| SKU / Model:            | AN5254168                                 |
| Minimum Qty (MOQ):      | 25  |
| NSN:                    | 5305-00-167-3631                          |
| Schedule B:             | 7318.15.6080                              |
| ECCN:                   | EAR99                                     |
| National Motor Freight: | 093486, Bolts,nuts Or Screws, Noi (sub 3) |



\* See page 2 for technical characteristics

## P/N AN525-416-8 Specifications

|   |  |
|---|--|
| <b>Thread Class:</b>  | 3a   |
| <b>Thread Direction:</b>                                    | Right-hand   |
| <b>Thread Length:</b>                                       | 0.375 Inches Minimum   |
| <b>Fastener Length:</b>                                     | 0.500 Inches Nominal   |
| <b>Head Style:</b>  | Round Extended Washer  |
| <b>Head Diameter:</b>                                       | 0.427 Inches Minimum And 0.447 Inches Maximum  |
| <b>Head Height:</b>   | 0.096 Inches Minimum And 0.106 Inches Maximum  |
| <b>Extended Washer Diameter:</b>                            | 0.490 Inches Minimum And 0.510 Inches Maximum  |
| <b>Extended Washer Thickness:</b>                           | 0.028 Inches Minimum And 0.033 Inches Maximum  |
| <b>Internal Drive Style:</b>                                | Slot   |
| <b>Nominal Thread Diameter:</b>                             | 0.250 Inches   |
| <b>Thread Quantity Per Inch:</b>                            | 28   |
| <b>Minimum Tensile Strength:</b>                            | 125000 Pounds Per Square Inch  |
| <b>Hardness Rating:</b>                                     | 26.0 Rockwell C Minimum And 32.0 Rockwell C Maximum                                  |
| <b>Screw Material:</b>                                      | Steel Comp 8630 Or Steel Comp 4037   |
| <b>Screw Material Document And Classification:</b>          | Mil-s-6050 Mil Spec 1st Material Response Or Ams 6300 Assn Std 2nd Material Response |
| <b>Screw Surface Treatment Document And Classification:</b> | Qq-p-416 Fed Spec 1st Treatment Response Or Qq-z-325 Fed Spec 2nd Treatment Response |
| <b>Thread Series Designator:</b>                            | Unf  |

## How to Order

Order this machine screw from our inventory online by visiting <https://military-fasteners.com/screws/machine+screws/AN525-416-8> 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.