

**Description:**

Length: 0.511", grip: 0.188", thread: 10-32, reduced head, close tolerance, short thread, philips recess, cadmium plated alloy steel, NAS8603 series screw

*NAS8603-3 Manufacturer certs (CofC) are provided free on all orders*

Order this part online

**Additional Information**

Gov. Issued Name:	Screw, Close Tolerance
NSN:	5305-01-389-0792
NIIN:	013890792
FSC:	Screws / 5305
Schedule B:	7318.15.2095
ECCN:	EAR99
National Motor Freight:	093486, Bolts,nuts Or Screws, Noi (sub 3)
Manufacturer Country:	United States

# NAS8603-3 Specifications

<b>Countersink Angle:</b>	99.0 Degrees Minimum And 101.0 Degrees Maximum
<b>Fastener Length:</b>	0.496 Inches Minimum And 0.526 Inches Maximum
<b>Grip Length:</b>	0.178 Inches Minimum And 0.198 Inches Maximum
<b>Grip Diameter:</b>	0.1885 Inches Minimum And 0.1895 Inches Maximum
<b>Head Diameter:</b>	0.266 Inches Minimum And 0.303 Inches Maximum
<b>Head Style:</b>	Flat Countersunk
<b>Material:</b>	Steel Comp E4340 Overall Or Steel Comp 8740 Overall
<b>Minimum Tensile Strength:</b>	160000 Pounds Per Square Inch
<b>Nominal Thread Diameter:</b>	0.190 Inches
<b>Internal Drive Style:</b>	Cross Recess Type 1
<b>Material Document And Classification:</b>	Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall
<b>Single Shear Strength:</b>	95000 Pounds Per Square Inch
<b>Specification/standard Data:</b>	80205-nas8603 Professional/industrial Association Standard
<b>Surface Finish:</b>	32.0 Microinches Bearing Surface Of Head
<b>Surface Finish:</b>	32.0 Microinches Grip
<b>Surface Finish:</b>	32.0 Microinches Threads
<b>Surface Treatment Document And Classification:</b>	Qq-p-416 Ty 2 Cl 2 Fed Spec All Treatment Responses Overall
<b>Surface Treatment:</b>	Cadmium Overall And Chromate Overall
<b>Thread Class:</b>	3a
<b>Thread Direction:</b>	Right-hand
<b>Thread Length:</b>	0.323 Inches Nominal
<b>Thread Quantity Per Inch:</b>	32
<b>Thread Series Designator:</b>	Unjf

## How to Order

Order this close tolerance screw from our inventory online by visiting <https://military-fasteners.com/screws/close-tolerance-screws/NAS8603-3> 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.