

View Online at <https://aerobasegroup.com/nsn/5305-00-722-5489>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

Between 0.620 inches and 0.795 inches

Fastener Length:

Between 2.047 inches and 2.092 inches

Head Style:

Flat countersunk

Head Diameter:

Between 0.881 inches and 0.882 inches

Internal Drive Style:

Cross recess type 1

Thread Diameter:

0.500 inches

Thready Qty Per Inch (tpi):

20

Min. Tensile Strength (psi):

160000 pounds per square inch

Countersink Angle:

Between 99.0 degrees and 101.1 degrees

Screw Material:

Steel comp e4340 or steel comp 4340 or steel comp 8740 or steel comp 8735 or steel comp 4140

Screw Material Specification:

Mil-s-5000 military specification 1st material response or mil-s-5000 military specification 2nd material response or mil-s-6049 military specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-5626 military specification 5th material response

Screw Surface Treatment Specification:

Qq-p-416 type 2 cl 3 federal specification single treatment response

Special Features:

Fleet ballistic missile quality as identified by quality control no.Poso911493

Thread Series Designator:

Unf

Specification Data:

80205-nas517 professional/industrial association standard

Departure From Cited Designator:

As modified by special features

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A500d0

Mil-std (military Standard):

Mil-s-5000 spec.