NSN 5305-00-088-4288

Close Tolerance Screw - Page 1 of 2

AeroBase Group

View Online at https://aerobasegroup.com/nsn/5305-00-088-4288

Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 0.443 inches and 0.510 inches
Fastener Length:
Between 3.015 inches and 3.062 inches
Head Style:
Flat countersunk
Head Diameter:
Between 0.497 inches and 0.507 inches
Grip Diameter:
Between 0.2483 inches and 0.2492 inches
Shank Unthreaded Hole Diameter:
0.076 inches first hole
Internal Drive Style:
Hexagon
Thread Diameter:
0.250 inches
Grip Length:
Between 2.552 inches and 2.572 inches
Width Across Flats:
Between 0.157 inches and 0.159 inches
Thready Qty Per Inch (tpi):
Min. Tensile Strength (psi):
160000 pounds per square inch
Hardness Rating:
36.0 rockwell c and 40.0 rockwell c
Countersink Angle:
Between 99.0 degrees and 101.0 degrees
Distance From Head Largest Bearing Surface To Shank Hole Center:
2.864 inches first hole and 2.884 inches first hole
Surface Finish:
32.0 microinches grip
Material:
Steel comp 4140 or steel comp e4340 or steel comp 6150 or steel comp 8735 or steel comp 8740
Material Specification:
Mil-s-5626 military specification 1st material response or mil-s-5000 military specification 2nd material response or mil-s-8503 military
specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-6049 military specification 5th material
Surface Treatment:

Surface Treatment:

Cadmium and chromate

NSN 5305-00-088-4288

Close Tolerance Screw - Page 2 of 2



Surface Treatment Specification:

Qq-p-416, type 2 class 3 federal specification all treatment responses

Thread Series Designator:

Unf

Specification Data:

80205-nas334 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5626 spec.