NSN 5305-01-464-2023

Shoulder Screw - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5305-01-464-2023

Inread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 0.335 inches and 0.375 inches
Fastener Length:
Between 0.950 inches and 1.000 inches
Head Style:
Flat chamfer
Head Diameter:
Between 0.303 inches and 0.312 inches
Head Height:
Between 0.185 inches and 0.190 inches
Shoulder Diameter:
0.140 inches first shoulder and 0.150 inches first shoulder
Shoulder Length:
0.665 inches first shoulder
Internal Drive Style:
Hexagon
Thread Diameter:
0.190 inches
Width Across Flats:
Between 0.156 inches and 0.159 inches
Thready Qty Per Inch (tpi):
32
Min. Tensile Strength (psi):
180000 pounds per square inch
Hardness Rating:
38.0 rockwell c and 45.0 rockwell c
Minimum Yield Strength:
153000 pounds per square inch
Shoulder Shape:
Round first shoulder
Material:
Iron alloy 660
Material Specification:
Ams5731 assn standard single material response or ams5737 assn standard single material response
Surface Treatment:
Passivate
Surface Treatment Specification:

Qq-p-35 federal specification single treatment response

NSN 5305-01-464-2023

Shoulder Screw - Page 2 of 2



Thread Series Designator:
Unrf
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No

Fiig: A003b0