Internal Wrenching Bolt - Page 1 of 2



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Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
0.562 inches
Fastener Length:
0.938 inches
Head Style:
Bevel-conical
Head Diameter:
Between 0.523 inches and 0.531 inches
Head Height:
0.276 inches
Shank Unthreaded Hole Diameter:
0.076 inches first hole
Internal Drive Style:
Hexagon
Thread Diameter:
0.312 inches
Width Across Flats:
0.312 inches
Hole Quantity:
6
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
24
Min. Tensile Strength (psi):
160000 pounds per square inch
Distance From Head Largest Bearing Surface To Shank Hole Center:
0.766 inches first hole
Material:
Steel comp 4340 or steel comp 8740 or steel comp 6150
Material Specification:
Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or mil-s-8503 military
specification 3rd material response
Surface Treatment:
Thread Series Designator:
Specification Data:
80205-nas145 professional/industrial association standard

## NSN 5306-00-165-0127

Internal Wrenching Bolt - Page 2 of 2

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0

## Mil-std (military Standard):

Mil-s-5000 spec.

