

View Online at <https://aerobasegroup.com/nsn/5306-00-292-4612>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.963 inches and 1.157 inches

**Fastener Length:**

Between 1.125 inches and 1.188 inches

**Head Style:**

Crowned hexagon

**Head Height:**

Between 0.131 inches and 0.151 inches

**Width Between Flats:**

Between 0.428 inches and 0.440 inches

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 0.031 inches and 0.062 inches

**Features Provided:**

Finished head

**Thready Qty Per Inch (tpi):**

28

**Min. Tensile Strength (psi):**

125000 pounds per square inch

**Hardness Rating:**

26.0 rockwell c and 32.0 rockwell c

**Special Features:**

Slot 0.061 in. Min 0.077 in. Maximum wide by 0.097 in. Min 0.130 in. Maximum lg on end of shank

**Material:**

Steel comp 4140 or steel comp 8740 or steel comp 8630 or steel comp 8735 or steel comp 4130 or steel comp 4037

**Material Specification:**

Mil-s-5626 military specification 1st material response or mil-s-6049 military specification 2nd material response or mil-s-6050 military specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-6758 military specification 5th material response or ams 6300 assn standard 6th material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Specification Data:**

80205-nas428 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

**Mil-std (military Standard):**

Mil-s-5626 spec.