

View Online at <https://aerobasegroup.com/nsn/5306-01-446-9762>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 1.625 inches and 1.693 inches

**Fastener Length:**

Between 1.078 inches and 1.125 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.172 inches and 0.204 inches

**Width Between Flats:**

Between 0.490 inches and 0.502 inches

**Grip Diameter:**

Between 0.309 inches and 0.312 inches

**Thread Diameter:**

0.312 inches

**Grip Length:**

Between 0.547 inches and 0.578 inches

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

24

**Product Name:**

Bolt, machine, aircraft

**Special Features:**

Ultimate tensile strength at root dia. For steel 6500 pounds and for aluminum alloy 3220 pounds; yield tensile strength at root dia. For steel 4980 pounds and for aluminum alloy 2080 pounds; single shear strength at full dia. For steel 5750 pounds and for aluminum alloy 2685 pounds

**Material:**

Steel or stainless steel or aluminum alloy

**Test Data Document:**

88044-an5 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf

**Specification Data:**

88044-an5 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**