

## Socket Allen Screw

**Head Style:** Button Head

**Drive Type:** Internal Hex

**Thread Type:** UNF - Fine

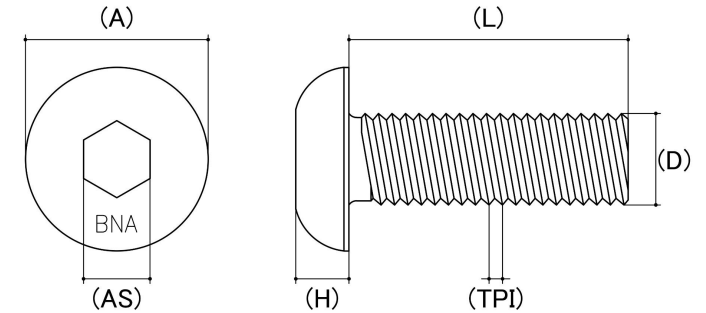
**Material:** Alloy Steel Heat Treated

**Class Grade:** High Tensile Grade 10.9

**Finish:** Plain Black Uncoated

**Corrosion Protection Level:** Poor

**Standard:** ANSI B 18.3 ASTM A574



*CAD drawings shown for graphic representation only.\**

| Size           | Thread Pitch (TPI) | Thread Type | Product Diameter (D) (mm) |       | Head Diameter (A) (mm) |       | Head Height (H) (mm) |      | Driver Bit Size (AS) (inches) | sku (qfind) |
|----------------|--------------------|-------------|---------------------------|-------|------------------------|-------|----------------------|------|-------------------------------|-------------|
|                |                    |             | Min                       | Max   | Min                    | Max   | Min                  | Max  | Nom                           |             |
| #10-32 (3/16") | 32                 | Fine        | 4.60                      | 4.81  | 8.82                   | 9.17  | 2.32                 | 2.57 | 1/8                           | 31BF1032P   |
| 1/4"           | 28                 | Fine        | 6.15                      | 6.33  | 10.65                  | 11.10 | 3.10                 | 3.36 | 5/32                          | 31BF14P     |
| 5/16"          | 24                 | Fine        | 7.78                      | 7.93  | 13.39                  | 13.90 | 3.87                 | 4.22 | 3/16                          | 31BF516P    |
| 3/8"           | 24                 | Fine        | 9.38                      | 9.53  | 16.16                  | 16.67 | 4.70                 | 5.06 | 7/32                          | 31BF38P     |
| 1/2"           | 20                 | Fine        | 12.53                     | 12.70 | 21.62                  | 22.23 | 6.23                 | 6.74 | 5/16                          | 31BF12P     |

**Disclaimer:**

Dimensional data and technical information was obtained from publically available sources and not acquired through standard agencies. It has been completed and compiled for reference purposes only; where discrepancies are found they are subject to change without notice. Bolt & Nut Australia makes no warranties or representations regarding the accuracy and validity of the compiled information and data. Contact the relevant standard authorities for accurate and detailed information.

\* CAD drawings may not reflect diameter, thread length or overall length.

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