

AS3413

Technical drawing of a hexagonal shaft with various dimensions and features.

Dimensions and Tolerances:

- Overall length: L
- Section length: K
- Section diameter: $\phi .175$, $\phi .165$
- Thread diameter: $\phi .130$, $\phi .110$
- Hex diameter: $\phi .376$, $\phi .367$
- Overall diameter: $\phi .385$ MAX
- Bearing surface diameter: $\phi .335$ MIN

Surface Textures:

- Top surface: $\sqrt{.003}$ B
- Side surface: $\sqrt{.011}$ B
- Bottom surface: $\sqrt{.006}$ A

Thread Specifications:

- Thread: $.190-32 \text{ UNJF-3A MIL-S-8879}$
- Thread Runout (See Note 3)
- Thread Pitch: 32

Chamfer and Fillet:

- Chamfer: $.026$, $.006$ OR CHAMFER
- Fillet: $R.025$, $R.015$
- Chamfer: 10° TO 20° TO $\phi .365-.385$

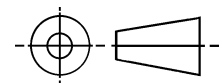
Other Features:

- Section through thread profile (32 pitch)
- 45° APPROX
- Section A-A
- Section B-B
- Section C-C

Notes:

- MARK PART NO. AND MANUFACTURERS IDENTIFICATION PER AS 478 CLASS A
- VIEW A ENLARGED

- ### THIRD ANGLE PROJECTION



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AEROSPACE STANDARD
BOLT, MACHINE - HEXAGON HEAD, PD SHANK
AMS 5662, .190-32UNJF-3A
(STRESS RUPTURE RESISTANT)

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SHEET 1 OF 2