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OSI Bolt Blind Bolts: Identification, Flush Break and Installation

Family · flush break · installation · removal

Installing a drive-nut blind bolt

Step	What	Source
1 · Hole	To the maker's data for the type	Maker / SRM
2 · Grip	Measure the stack with the grip gauge for the type; the grip is critical	FAA-H-8083-31B p. 4-54
3 · Insert	Fastener in the hole, tool over the screw and the nut	p. 4-54
4 · Drive	Hold the nut and apply torque to the screw until the sleeve forms against the blind side and the screw breaks in its groove	p. 4-55
5 · Finish	The OSI Bolt stem breaks off flush; no shaving	p. 4-55

Key points

- **Drive-nut blind bolt,** installed from one side.
- **Stem breaks off flush:** no shaver tool.
- **Same family** as Jo-Bolt, Visu-Lok, Composi-Lok and Radial-Lok.
- **Grip is critical:** measure with the grip gauge for the type.
- **Hole and part number:** maker's data or SRM.

Step by step

1. Prepare the hole to the maker's data.
2. Measure the stack with the grip gauge.
3. Insert; tool over the screw and nut.
4. Hold the nut, turn the screw until it breaks flush.

SOURCES · FAA-H-8083-31B, Aviation Maintenance Technician Handbook, Airframe, chapter 4

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Educational reference only, not approved data. Always consult the applicable SRM, AMM, or AC 43.13-1B and your certifying authority.