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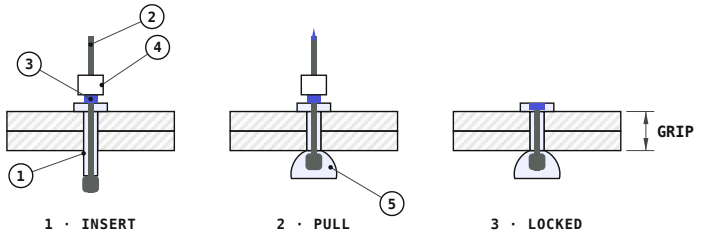
Installing a Blind Rivet

Grip · pull · lock · check

REFERENCE DRAWING — NOT APPROVED DATA · THE SRM ALWAYS GOVERNS

INSTALLATION · THREE STEPS

MECHANICAL-LOCK BLIND RIVET · SECTION · SCHEMATIC



1 · INSERT
Pulling head over the stem; firm pressure seats the head.

2 · PULL
The stem upsets the sleeve and forms the bulbed head.

3 · LOCKED
Collar fills the head recess; stem breaks at its notch.

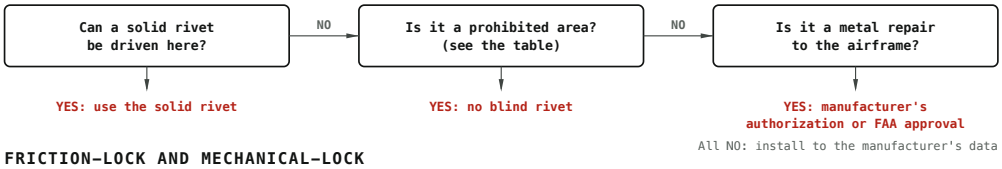
PARTS LIST

#	PART
1	Rivet sleeve
2	Pulling stem
3	Locking collar
4	Driving anvil
5	Bulbed blind head

After the Handbook's CherryMAX figures. Other makes differ in detail.

BEFORE YOU PICK ONE

THREE QUESTIONS, IN ORDER



All NO: install to the manufacturer's data

FRICTION-LOCK AND MECHANICAL-LOCK

	FRICTION-LOCK	MECHANICAL-LOCK
Stem held by	Friction only	Lock ring or collar
In vibration	Stem can fall out	Stem stays locked
Inspection	Visual; loose shows as a smoking rivet	Collar visible; stem broken at the notch
Removal	Punch out the stem, then as a solid rivet	Drill the stem, remove lock, punch, drill sleeve

NOTES

1. Dimensions in inches. Do not scale: the SRM sets the values.
2. For reference. The applicable manual always governs.
3. Based on AC 43.13-1B par. 4-57.

REVISIONS

REV	DESCRIPTION	DATE
A	First issue	2026-10-30

The Aviation Point. Structural repair reference

TITLE			
Blind fasteners			
DRAWING NO.	REV	SCALE	SHEET
TAP-DWG-007	A	NTS	1 OF 1
APPLIES TO			
Aluminium sheet repairs			

DO NOT SCALE DRAWING

After AC 43.13-1B par. 4-57 and FAA-H-8083-31B pp. 4-47 to 4-49. Same drawing as the blind fasteners guide.

Key points

- **Never file the stem.**

Step by step

1. Allowed?
2. Grip.
3. Hole.
4. Pull.
5. Check.

SOURCES · FAA-H-8083-31B, Aviation Maintenance Technician Handbook: Airframe, Chapter 4 · FAA AC 43.13-1B CHG 1, Acceptable Methods, Techniques and Practices

SCAN · OPEN THIS GUIDE
theaviationpoint.com/standard-practices/blind-rivet-installation/

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

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