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Rivnuts and Threaded Rivets: Part Numbers, Hole and Grip

Part number · thread and grip · hole by size · installation

Hole by Rivnut size

Rivnut size	Drill	Hole, in
No. 4	5/32	.155–.157
No. 6	#12	.189–.193
No. 8	#2	.221–.226

Key points

- **NAS1329 flat head, NAS1330 countersunk,** MS27130 for both.
- **Threads:** 4-40, 6-32, 8-32, 10-32 and the larger ones on the data sheets.
- **A / K:** unkeyed and keyed (K at the end of the number).
- **Not for primary load;** alloy steel for higher tension and shear.
- **Hole fits snugly:** deburr and keep the sheets in contact while heading.

Step by step

1. Drill the hole for the Rivnut size; deburr.
2. Choose the grip from the thickness of the parent material.
3. Screw the Rivnut on the tool and put it in the hole.
4. Crimp it from one side; unscrew the tool.
5. Check it sits snug and the thread is free.

SOURCES · FAA-H-8083-31B, Aviation Maintenance Technician Handbook, Airframe, chapter 4 · NAS1329, NAS1330 and MS27130 data sheets

SCAN · OPEN THIS GUIDE
theaviationpoint.com/sheet-metal/rivnuts/

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