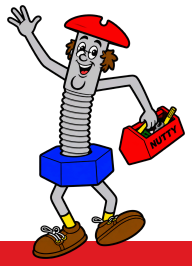
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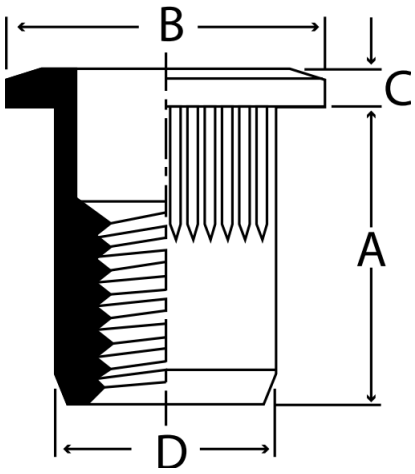
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PRODUCT DATA SHEET

Aluminum Ribbed Rivet Nuts – Metric Sizes

1.0 Dimensions & Hole Sizes (millimeters)





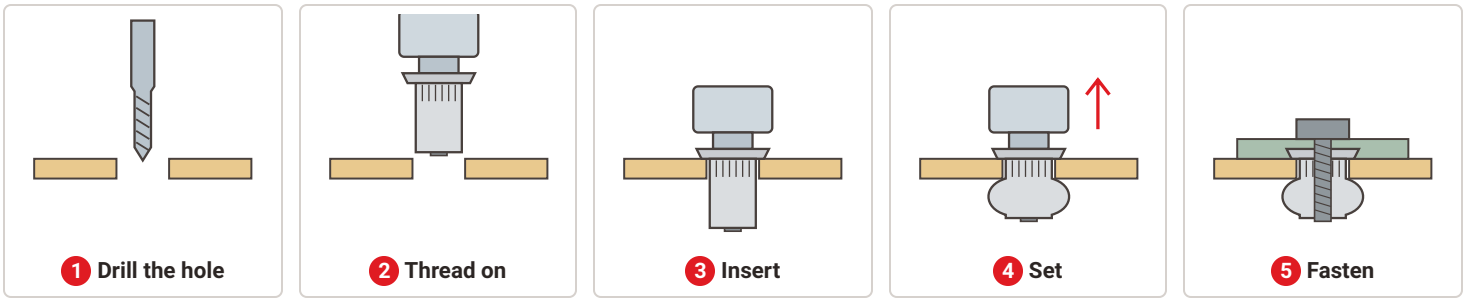
- **Large flange, ribbed body**, open end.
- Ribs bite into the hole wall for **higher spin-out (torque-out) resistance** than a smooth rivet nut.
- Large flange spreads the load for better **push-out** strength.
- Adds strong, reusable threads to thin sheet, tube and extrusions.
- Installs from **one side** – no back-side access needed.
- Sets with any manual or pneumatic rivet nut tool.

A body length (±0.38) **B** head diameter (±0.25) **C** head height (±0.08) **D** body diameter, max.

Stock No.	Thread Size	Grip Range Min – Max	A Body Length	B Head Dia.	C Head Height	D Body Dia. Max	Hole Size Min – Max	Drill Size (mm)
ARRNM4S	M4 x 0.7	0.5 – 2.0 (.020 – .079")	10.67	9.91	0.76	6.73	6.75 – 6.90	**6.75**
ARRNM4L	M4 x 0.7	2.0 – 3.3 (.079 – .130")	11.94	9.91	0.76	6.73	6.75 – 6.90	**6.75**
ARRNM5S	M5 x 0.8	0.5 – 3.3 (.020 – .130")	12.07	10.54	0.76	7.52	7.60 – 7.75	**7.6**
ARRNM5L	M5 x 0.8	3.3 – 5.7 (.130 – .224")	14.86	10.54	0.76	7.52	7.60 – 7.75	**7.6**
ARRNM6S	M6 x 1.0	0.7 – 4.2 (.028 – .165")	14.73	12.70	0.76	9.91	10.00 – 10.15	**10.0**
ARRNM6L	M6 x 1.0	4.2 – 6.6 (.165 – .260")	17.27	12.70	0.76	9.91	10.00 – 10.15	**10.0**
ARRNM8S	M8 x 1.25	0.7 – 3.8 (.028 – .150")	17.53	17.40	0.89	13.46	13.50 – 13.65	**13.5**
ARRNM8L	M8 x 1.25	3.8 – 7.9 (.150 – .311")	20.45	17.40	0.89	13.46	13.50 – 13.65	**13.5**
ARRNM10S	M10 x 1.5	0.7 – 3.8 (.028 – .150")	17.53	17.40	0.89	13.46	13.50 – 13.65	**13.5**
ARRNM10L	M10 x 1.5	3.8 – 7.9 (.150 – .311")	20.45	17.40	0.89	13.46	13.50 – 13.65	**13.5**

Dimensions in millimeters (inch grip in parentheses). Metric threads are Class 6H. S = short grip, L = long grip. Grip range = total thickness of all material being joined. Contact us for other sizes, U.S. sizes or steel rivet nuts.

2.0 Installation



1. **Drill the hole.** Drill the hole to the **drill size** in the table. Deburr, and make sure the panel is flat.
2. **Thread on.** Thread the rivet nut onto the tool mandrel until the flange sits against the nosepiece.
3. **Insert.** Push the rivet nut into the hole until the flange sits flat on the panel. Hold the tool square to the panel.
4. **Set.** Squeeze the tool: the body collapses behind the panel and locks it in place. Then unscrew the mandrel – the rivet nut is now a permanent threaded hole.
5. **Fasten.** Attach your part with a bolt or screw of the same thread. Do not over-tighten.

3.0 Material & Specifications

Property	Specification
Type	Large flange, ribbed body, open end
Material	Aluminum alloy (5056)
Finish	Plain aluminum
Thread	ISO metric coarse, Class 6H
Sizes	M4, M5, M6, M8, M10
RoHS	Compliant

4.0 Common Uses

- Sheet metal enclosures, panels and cabinets
- Aluminum tube, extrusions and frames
- Truck bodies, trailers and RVs
- Boats, docks and marine accessories (aluminum)
- Signs, lighting and electrical boxes
- Fiberglass and plastic panels

5.0 Tips for a Good Install

- Pick the grip range that matches the **total thickness** of the material. Short (S) and long (L) lengths cover different grips – check the table.
- Hole size matters: too big and the nut can spin, too small and it will not seat. Use the drill size listed.
- Set the tool stroke so the nut is fully set but the threads are not stretched. Test on scrap first.
- Use the correct mandrel and nosepiece for each thread size. Heavy-duty or pneumatic tools are best for M8 and M10.
- Aluminum rivet nuts work best in aluminum and soft materials. Use steel rivet nuts where higher strength is needed.

Disclaimer: The above is a compilation of data from various industry standards. The Nutty Company, Inc. has made every effort to present the data accurately. However, The Nutty Company, Inc. cannot be held liable for any claim traceable to any errors, typographical or otherwise, contained herein.



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