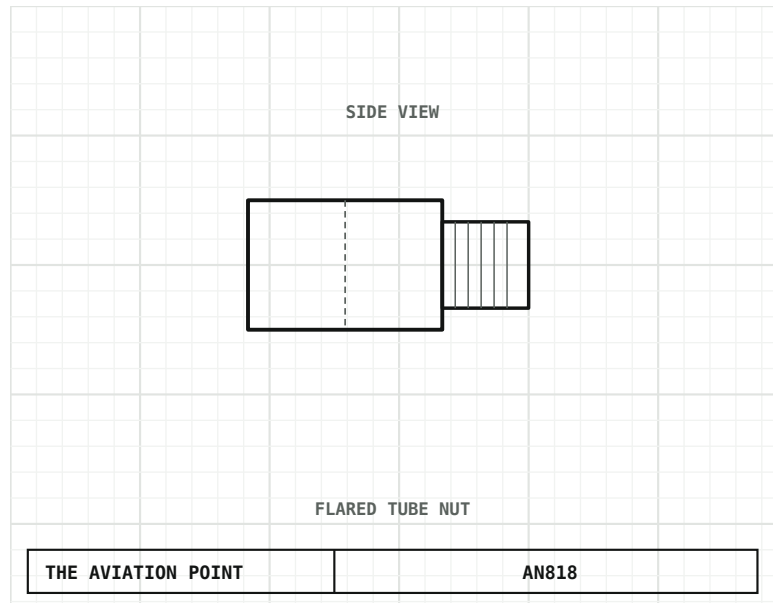
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AN818 — flared tube nut

Nut, Flared Tube: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN818



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, nut, flared tube
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-2	-3	-4	-5	-6	-8	-10	-12	-16
OD — Tube O.D.	.125	.188	.250	.312	.375	.500	.625	.750	1.000
T — Thread T (MIL-S-8879)	.3125-24	.3750-24	.4375-20	.5000-20	.5625-18	.7500-16	.8750-14	1.0625-12	1.3125-12
A — A dia. (+.003 / -.000)	.180	.242	.305	.374	.440	.570	.698	.834	1.089
C — C dia. (+.000 / -.010)	.375	.437	.562	.625	.687	.875	1.000	1.250	1.500
J — J	.312	.375	.400	.484	.500	.578	.688	.750	.766
M — M	.542	.604	.620	.683	.724	.849	.974	1.021	1.131
O — O	.375	.438	.563	.625	.688	.875	1.000	1.250	1.500

Dimensions in inches as tabulated in the catalogue listing; the standard governs. Blank cells: not stated in the listing.

Part numbers

Part no.	Size	Tube O.D.	Thread T (MIL-S-8879)
AN818-2	.125	.125	.3125-24
AN818-3	.188	.188	.3750-24
AN818-4	.250	.250	.4375-20
AN818-5	.312	.312	.5000-20
AN818-6	.375	.375	.5625-18
AN818-8	.500	.500	.7500-16
AN818-10	.625	.625	.8750-14
AN818-12	.750	.750	1.0625-12
AN818-16	1.000	1.000	1.3125-12

Part numbers as listed. The standard governs and may list other sizes.

How to read the part number

Part	Meaning
Format	AN818-<dash><material>
D	Material: Aluminum
(none)	Material: Steel
J	Material: Corrosion resistant steel
Example	AN818-4 — Steel, 1/4 in tube

Notes

- The listing prints further tolerances beside the J, M and O columns (+.005, +.003/-.004, +.010); they are not assigned to a column here. Take them from the standard.
- Related sleeve: see MS20819 (flared tube sleeve).

SOURCES · AN818 — Nut, Flared Tube

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an818/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.