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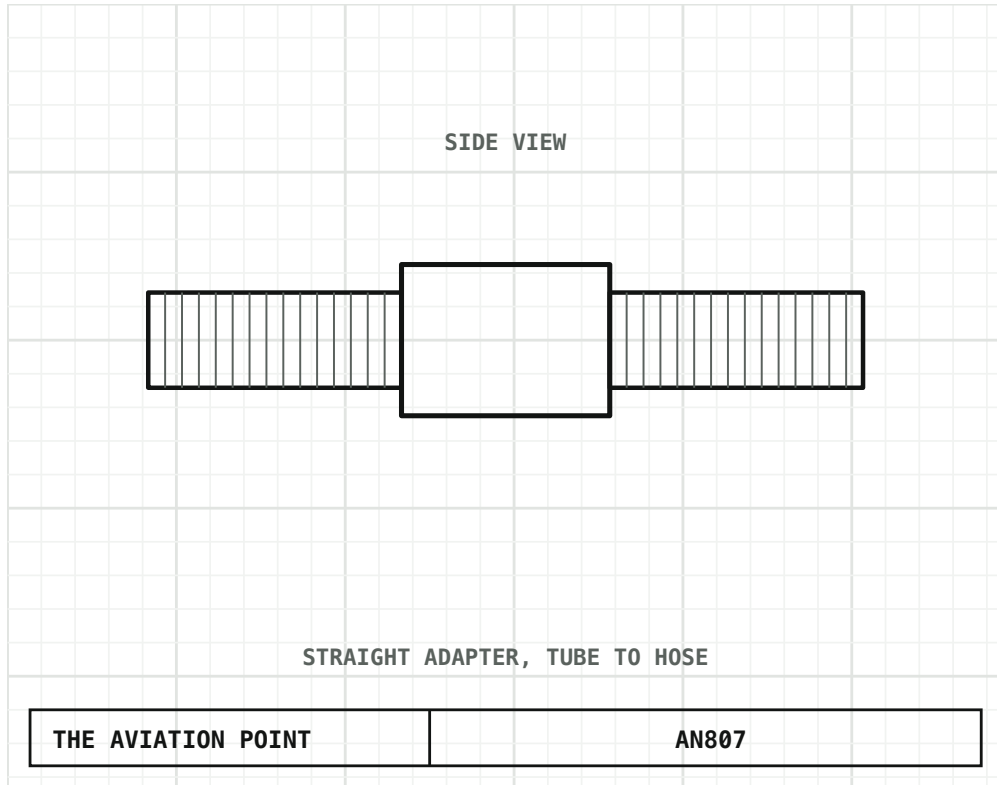
The Aviation Point

AN807 — straight adapter, tube to hose

Adapter, Straight, Tube to Hose: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN807



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, adapter, straight, tube to hose
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-4	-6	-8	-10	-12	-16
OD — Tube O.D. and hose I.D.	1/4	3/8	1/2	5/8	3/4	1
T — Thread size (ref.)	7/16-20	9/16-18	3/4-16	7/8-14	1-1/16-12	1-5/16-12
A — A	2-13/16	2-61/64	3-7/64	3-17/64	3-31/64	3-31/64

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. and hose I.D.	Thread size (ref.)
AN807-4	1/4	1/4	7/16-20
AN807-6	3/8	3/8	9/16-18
AN807-8	1/2	1/2	3/4-16
AN807-10	5/8	5/8	7/8-14
AN807-12	3/4	3/4	1-1/16-12
AN807-16	1	1	1-5/16-12

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

How to read the part number

Part	Meaning
Format	AN807-<dash><material>
D	Material: Aluminum
(none)	Material: Copper alloy
J	Material: Corrosion resistant steel
Example	AN807-4 — Copper alloy, 1/4 in tube and hose

Notes

- Fitting end in accordance with MS33657, style E, for the tube size specified (drawing note).
- A for -16 is printed as for -12 (3-31/64).

SOURCES · AN807 — Adapter, Straight, Tube to Hose

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an807/

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