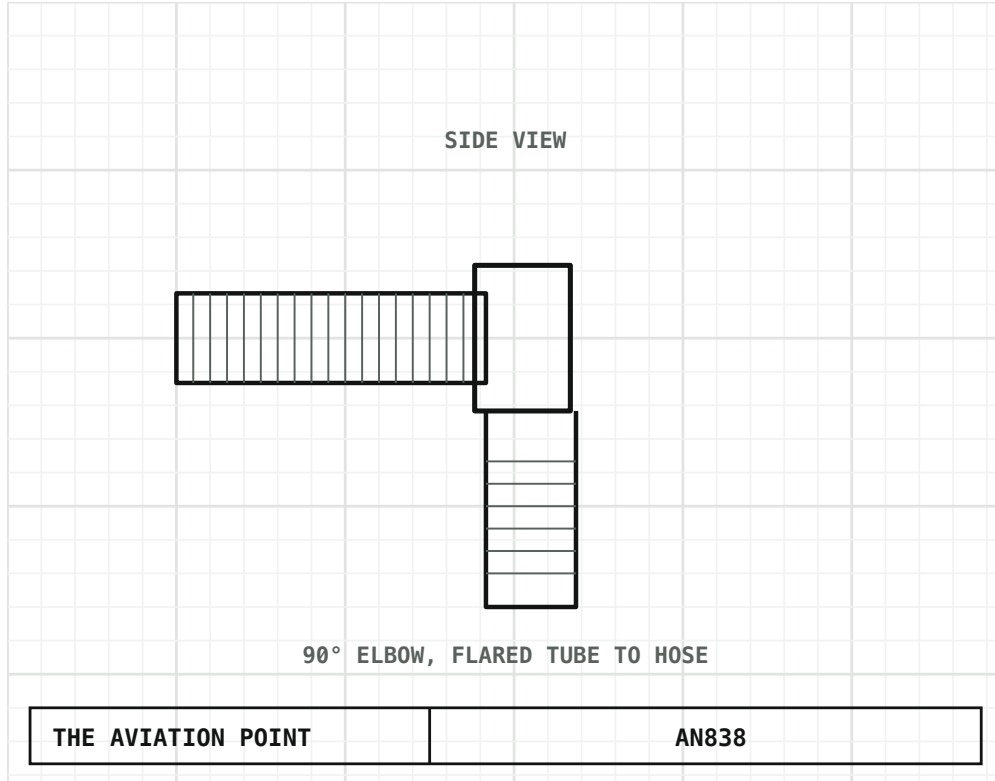
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AN838 — 90° elbow, flared tube to hose

Elbow, Flared Tube to Hose, 90°: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN838



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, elbow 90°, flared tube to hose
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-4	-6	-8	-10	-12
HI — Hose I.D.	1/4	3/8	1/2	5/8	3/4
OD — Tube O.D.	1/4	3/8	1/2	5/8	3/4
T — Thread size (ref.)	7/16-20	9/16-18	3/4-16	7/8-14	1-1/16-12
D — D (+3/64 / -0)	1-27/32	1-15/16	2-1/32	2-3/32	2-1/4
F — F (+3/64 / -0)	1-9/16	1-47/64	2-1/32	2-9/32	2-9/16
K — K	7/16	9/16	3/4	7/8	1-1/16

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

Part numbers

Part no.	Size	Hose I.D., in	Tube O.D., in	Thread, in
AN838-4	1/4	1/4	1/4	7/16-20
AN838-6	3/8	3/8	3/8	9/16-18
AN838-8	1/2	1/2	1/2	3/4-16
AN838-10	5/8	5/8	5/8	7/8-14
AN838-12	3/4	3/4	3/4	1-1/16-12

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

How to read the part number

Part	Meaning
Format	AN838-<dash><material>
D	Material: Aluminum
(none)	Material: Copper alloy
S	Material: Steel
Example	AN838-4 — Copper alloy, 1/4 in hose and tube

Notes

- Angle 90° ±2.5° as drawn.

SOURCES · AN838 — Elbow, Flared Tube to Hose, 90°

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an838/

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