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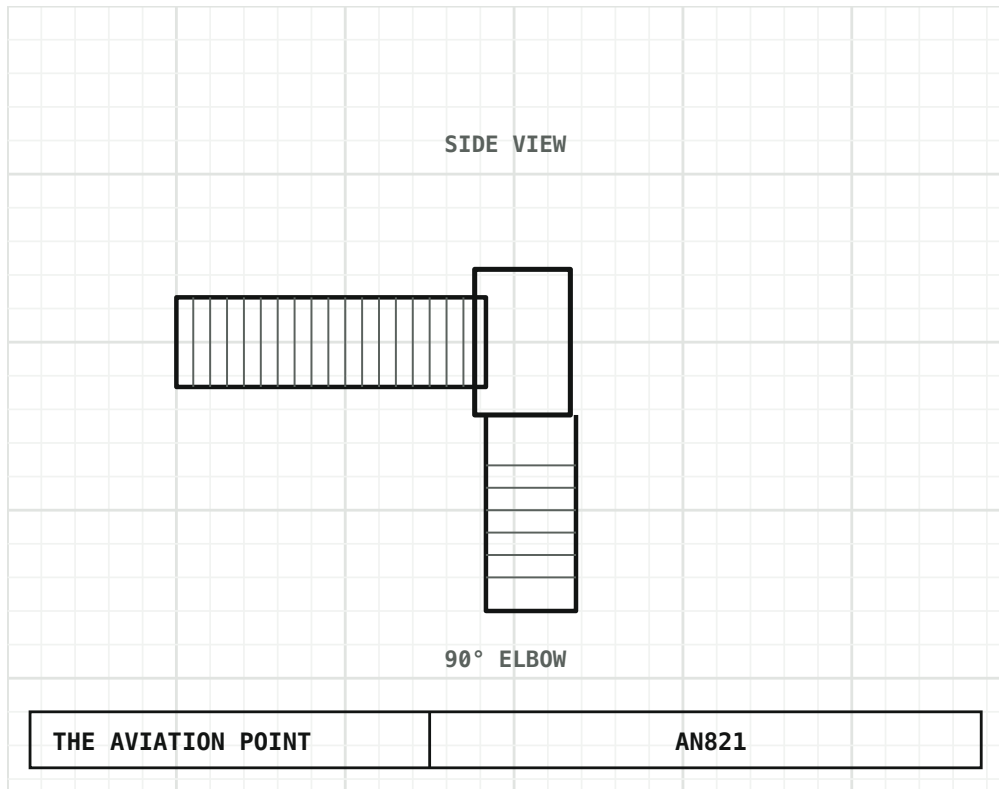
The Aviation Point

AN821 — 90° elbow

Elbow, 90°, 37° Flared Tube: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN821



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, elbow 90°, 37° 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
OD — Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
T — Thread size (ref.)	5/16-24	3/8-24	7/16-20	—	9/16-18	3/4-16	7/8-14	1-1/16-12
Q — Q	49/64	53/64	57/64	61/64	1-1/16	1-1/4	1-29/64	1-21/32
V — V	5/16	3/8	7/16	1/2	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	Tube O.D.	Thread size (ref.)
AN821-2	1/8	1/8	5/16-24
AN821-3	3/16	3/16	3/8-24
AN821-4	1/4	1/4	7/16-20
AN821-5	5/16	5/16	—
AN821-6	3/8	3/8	9/16-18
AN821-8	1/2	1/2	3/4-16
AN821-10	5/8	5/8	7/8-14
AN821-12	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	AN821<material><dash>
D	Material: Aluminum
-	Material: Steel
J	Material: Corrosion resistant steel
Example	AN821-4 — Steel, 1/4 in tube

Notes

- To confirm: Thread of -5: the listing prints 1/4-20, which does not match the 1/2-20 of the other 5/16 in tube fittings on the same pages; left blank.

SOURCES · AN821 — Elbow, 90°, 37° Flared Tube

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an821/

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