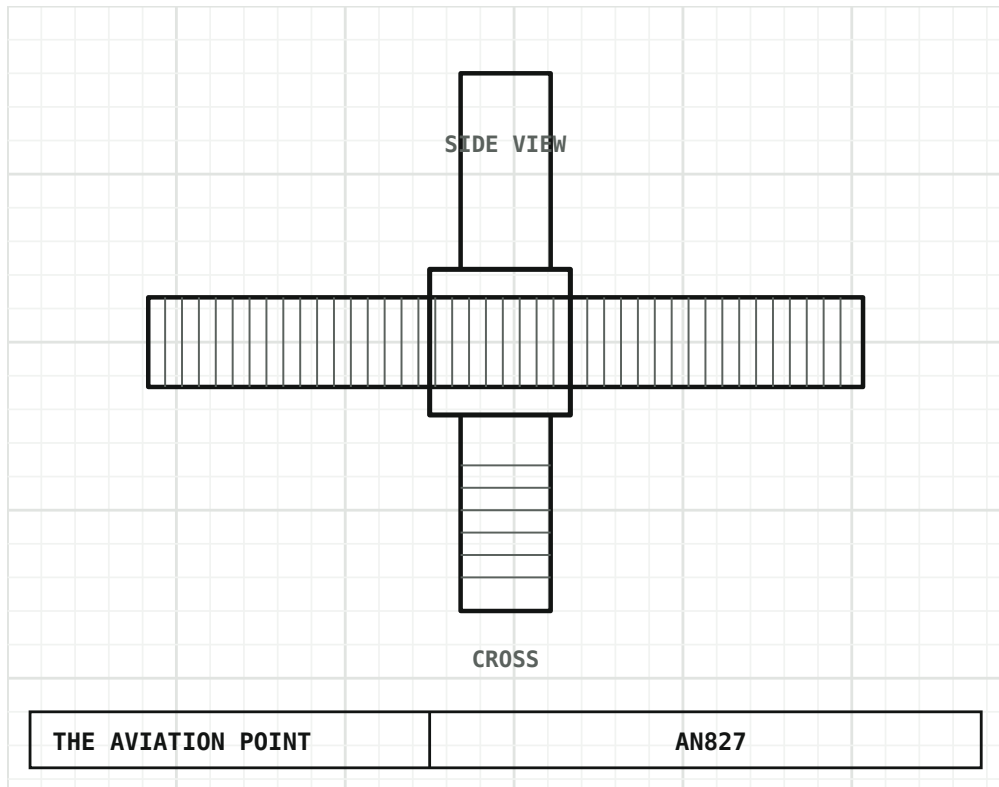
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AN827 — cross

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



AN827



Engineering drawing · dimensions in inches

Specification

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

Dimensions by size

Dimension, in	-4	-5	-6	-8
OD — Tube O.D.	1/4	5/16	3/8	1/2
T — Thread size (ref.)	7/16-20	1/2-20	9/16-18	3/4-16
Q — Q (+3/64 / -0)	55/64	59/64	1-1/32	1-7/32
V — V	7/16	1/2	9/16	3/4
W — W	3/8	15/32	1/2	11/16

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.)
AN827-4	1/4	1/4	7/16-20
AN827-5	5/16	5/16	1/2-20
AN827-6	3/8	3/8	9/16-18
AN827-8	1/2	1/2	3/4-16

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

How to read the part number

Part	Meaning
Format	AN827<material><dash>
D	Material: Aluminum
-	Material: Steel
J	Material: Corrosion resistant steel
Example	AN827-4 — Steel, 1/4 in tube

Notes

- Cross drilled for two holes through per MS33656 (drawing note).

SOURCES · AN827 — Cross, Flared Tube

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an827/

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