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AN824 — tee, flared tube

Tee, Flared Tube, 37°: dimensions and part numbers as tabulated.



AN824

Specification

Item	Value
Type	Fitting, 37° flared tube
Material	Aluminum (D), steel (none) or corrosion-resistant steel (J)
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
Q — Q (+3/64 / -0)	47/64	51/64	55/64	59/64	1-1/32	1-7/32	1-27/64	1-5/8	1-25/32
W — W (approx.)	5/16	3/8	3/8	15/32	1/2	11/16	25/32	29/32	1-3/32
V — V (approx.)	5/16	3/8	7/16	1/2	9/16	3/4	7/8	1-1/16	1-5/16

Dimensions as tabulated, by dash number (tube size in sixteenths of an inch).

Part numbers

Part no.	Size	Tube O.D., in	Thread T (ref.), UNF-3
AN824-2	1/8	1/8	5/16-24
AN824-3	3/16	3/16	3/8-24
AN824-4	1/4	1/4	7/16-20
AN824-5	5/16	5/16	1/2-20
AN824-6	3/8	3/8	9/16-18
AN824-8	1/2	1/2	3/4-16
AN824-10	5/8	5/8	7/8-14
AN824-12	3/4	3/4	1-1/16-12
AN824-16	1	1	1-5/16-12

Dash numbers with the tube size and thread; the material code goes after the dash.

How to read the part number

Part	Meaning
Format	AN824-<dash><material>
(none)	Material: Steel
D	Material: Aluminum
J	Material: Corrosion resistant
Example	AN824-3D — aluminum, dash 3

Notes

- The listing prints the thread of dash 16 as 1/5-16-12; 1-5/16-12 is given, as in the other 1-inch tube fittings of the same listing.
- Dimensions in inches. Letters as on the drawing in the listing; (Ref.) values are reference dimensions.

SOURCES · AN824 — Tee, Flared Tube, 37°

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/hardware-kits/an824/

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