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AN833 — elbow, flared tube and bulkhead

Elbow, Flared Tube and Bulkhead, 90°, Universal: dimensions and part numbers as tabulated.



AN833

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
M — M (+3/64 / -0)	1-13/32	1-7/16	1-37/64	1-39/64	1-51/64	2-3/32	2-3/8	2-21/32
Q — Q (+3/64 / -0)	53/64	57/64	61/64	1-1/64	1-5/64	1-11/32	1-35/64	1-49/64
V — V	5/16	3/8	7/16	1/2	9/16	3/4	7/8	1-1/16

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
AN833-2	1/8	1/8	5/16-24
AN833-3	3/16	3/16	3/8-24
AN833-4	1/4	1/4	7/16-20
AN833-5	5/16	5/16	1/2-20
AN833-6	3/8	3/8	9/16-18
AN833-8	1/2	1/2	3/4-16
AN833-10	5/8	5/8	7/8-14
AN833-12	3/4	3/4	1-1/16-12

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

How to read the part number

Part	Meaning
Format	AN833-<dash><material>
(none)	Material: Steel
D	Material: Aluminum
J	Material: Corrosion resistant
Example	AN833-3D — aluminum, dash 3

Notes

- Dimensions in inches. Letters as on the drawing in the listing; (Ref.) values are reference dimensions.

SOURCES · AN833 — Elbow, Flared Tube and Bulkhead, 90°, Universal

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/hardware-kits/an833/

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