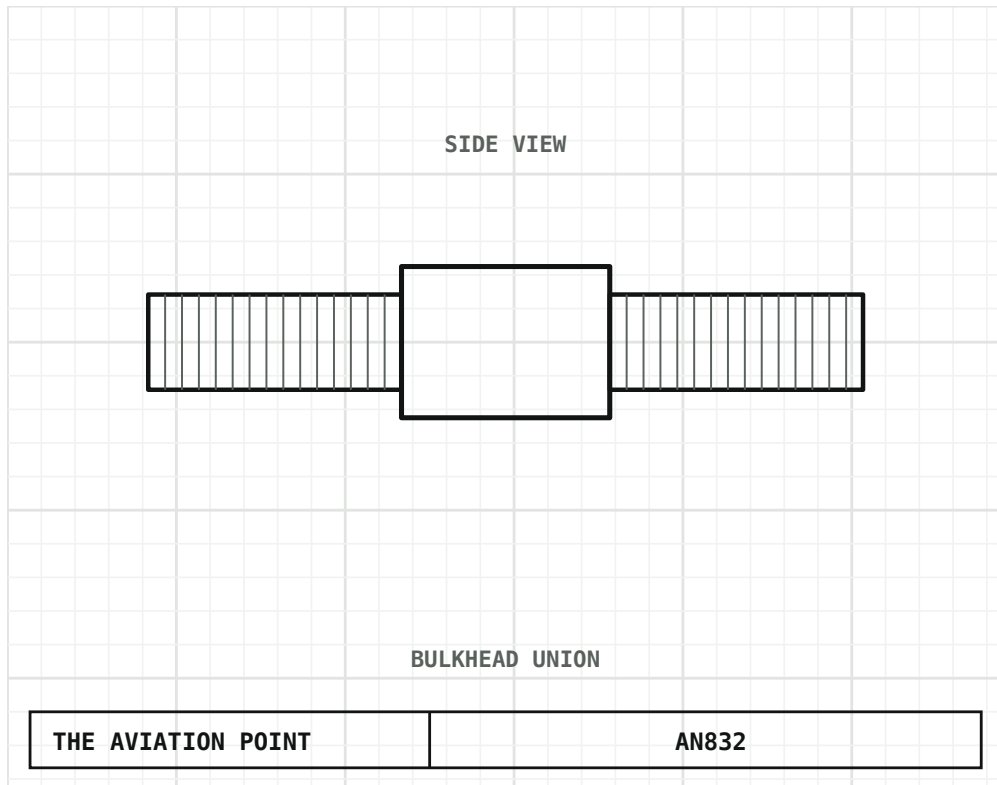
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AN832 — bulkhead union

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



AN832



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, union, bulkhead, 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	-16
OD — Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1
T — Thread size (ref.)	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1-1/16-12	—
E — E (ref.)	.563	.625	.688	.750	.813	1.000	1.125	1.375	1.625
H — H (ref.)	1-53/64	1-55/64	2-3/64	2-3/64	2-7/32	2-29/64	2-23/32	3-1/32	3-5/64
K — K (ref.)	1-7/64	1-7/64	1-13/64	1-13/64	1-9/32	1-7/16	1-37/64	1-3/4	1-3/4

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.)
AN832-2	1/8	1/8	5/16-24
AN832-3	3/16	3/16	3/8-24
AN832-4	1/4	1/4	7/16-20
AN832-5	5/16	5/16	1/2-20
AN832-6	3/8	3/8	9/16-18
AN832-8	1/2	1/2	3/4-16
AN832-10	5/8	5/8	7/8-14
AN832-12	3/4	3/4	1-1/16-12
AN832-16	1	1	—

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

How to read the part number

Part	Meaning
Format	AN832<material><dash>
D	Material: Aluminum
-	Material: Steel
J	Material: Corrosion resistant steel
Example	AN832-4 — Steel, 1/4 in tube

Notes

- To confirm: Thread of -16: the listing prints 1/5-16-12 (misprint); left blank.
- H and K shared by two dash sizes in the listing (H for -4/-5; K for -2/-3, -4/-5 and -12/-16) are repeated on each row.

SOURCES · AN832 — Union, Flared Tube, Bulkhead and Universal

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an832/

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