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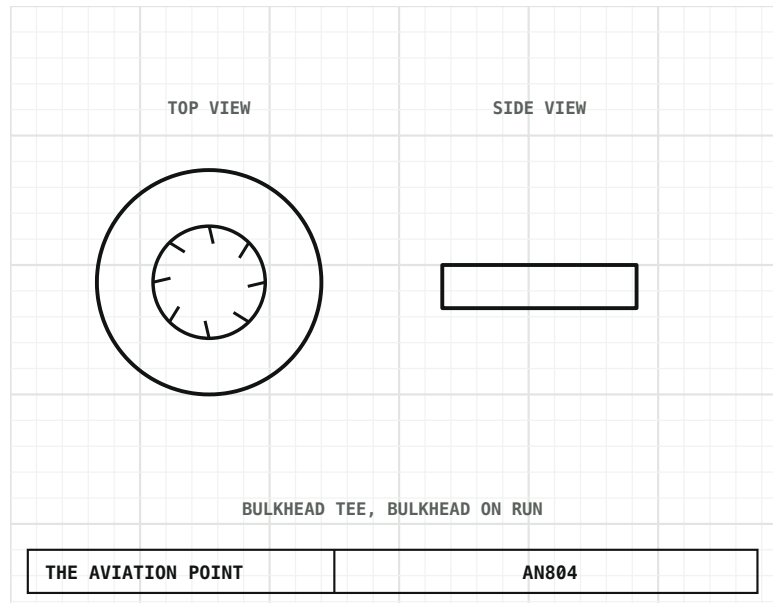
The Aviation Point

AN804 — bulkhead tee, bulkhead on run

Tee, 37° Flared Tube, Bulkhead on Run: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN804



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, tee, 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.	.125	.188	.250	.312	.375	.500	.625	.750
T — Thread size (ref.)	.312-24	.375-24	.437-20	.500-20	.562-18	.750-16	.875-14	1.062-12
M — M (-.047)	1.406	1.437	1.578	1.609	1.797	2.094	2.375	2.656
Q — Q (-.047)	.766	.828	.891	.953	1.062	1.250	1.453	1.656
S — S (-.047)	.828	.891	.953	1.016	1.078	1.344	1.547	1.766
V — V	.312	.375	.437	.500	.562	.750	.875	1.602

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.)
AN804-2	.125	.125	.312-24
AN804-3	.188	.188	.375-24
AN804-4	.250	.250	.437-20
AN804-5	.312	.312	.500-20
AN804-6	.375	.375	.562-18
AN804-8	.500	.500	.750-16
AN804-10	.625	.625	.875-14
AN804-12	.750	.750	1.062-12

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

How to read the part number

Part	Meaning
Format	AN804<material><dash>
D	Material: Aluminum
-	Material: Steel
J	Material: Corrosion resistant steel
Example	AN804-4 — Steel, 1/4 in tube

Notes

- Letters M, Q, S and V as on the standard's drawing; M, Q and S carry the printed tolerance -.047.
- To confirm: The listing prints S for -5 as .1.016 (read as 1.016) and V for -12 as 1.602 (the V column otherwise follows the thread dimension).
- Dash numbers are in sixteenths of an inch of tube O.D. Suffix: D aluminum, none steel, J corrosion resistant.

SOURCES · AN804 — Tee, 37° Flared Tube, Bulkhead on Run

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an804/

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