THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM

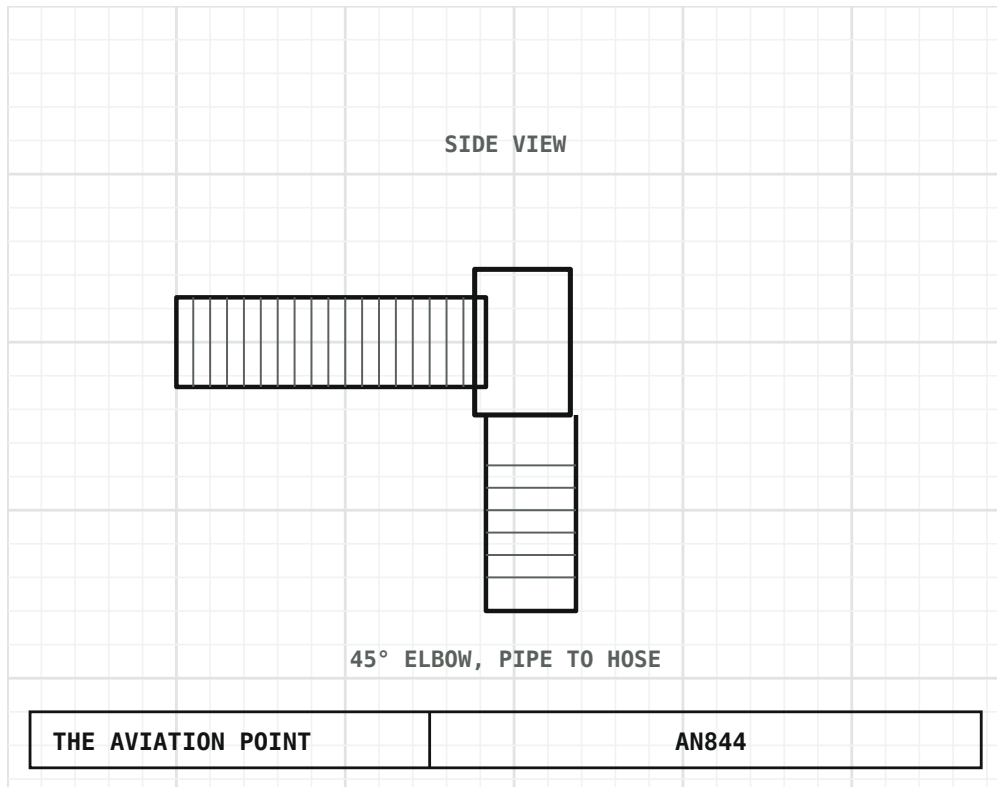
The Aviation Point

AN844 — 45° elbow, pipe to hose

Elbow, Pipe to Hose, 45°: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN844



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, elbow 45°, pipe to hose
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-4	-6	-8	-10	-12	-16
OD — Hose I.D.	1/4	3/8	1/2	5/8	3/4	1
P — Pipe thread (NPT)	1/8	1/4	3/8	1/2	3/4	3/4
B — B	5/8	7/8	59/64	1-5/32	1-13/64	1-13/64
C — C	7/16	5/8	3/4	15/16	1-1/8	1-1/8
M — M	1-5/8	1-11/16	1-23/32	1-25/32	1-13/16	1-13/16

Dimensions in inches as tabulated in the catalogue listing; the standard governs. Blank cells: not stated in the listing.

Part numbers

Part no.	Size	Hose I.D., in	Pipe thread
AN844-4	1/4	1/4	1/8
AN844-6	3/8	3/8	1/4
AN844-8	1/2	1/2	3/8
AN844-10	5/8	5/8	1/2
AN844-12	3/4	3/4	3/4
AN844-16	1	1	3/4

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

How to read the part number

Part	Meaning
Format	AN844-<dash><material>
D	Material: Aluminum
(none)	Material: Copper alloy
S	Material: Steel
Example	AN844-4 — Copper alloy, 1/4 in hose

Notes

- The catalogue prints header tolerances (+3/64 / -0); they are not assigned to a column here, take them from the standard.
- -12 and -16 share the same cells in the listing; repeated on each row.

SOURCES · AN844 — Elbow, Pipe to Hose, 45°

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an844/

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