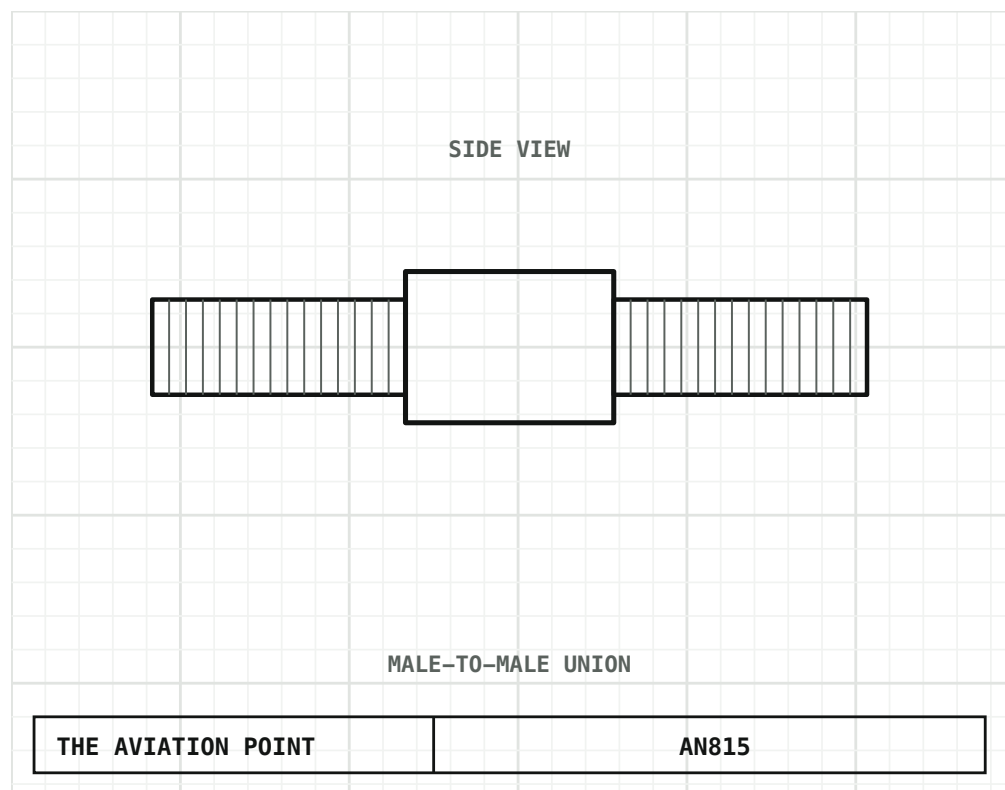
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AN815 — male-to-male union

Union, 37° Flare, Male to Male: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN815



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, union, 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	-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	1-5/16-12
E — E (ref.)	.563	.625	.688	.750	.813	1.000	1.125	1.375	1.625
M — M (ref.)	1-7/32	1-7/32	1-1/4	1-1/4	1-3/8	1-9/16	1-53/64	2-7/64	2-3/16

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

Part numbers

Part no.	Size	Tube O.D.	Thread size (ref.)
AN815-2	1/8	1/8	5/16-24
AN815-3	3/16	3/16	3/8-24
AN815-4	1/4	1/4	7/16-20
AN815-5	5/16	5/16	1/2-20
AN815-6	3/8	3/8	9/16-18
AN815-8	1/2	1/2	3/4-16
AN815-10	5/8	5/8	7/8-14
AN815-12	3/4	3/4	1-1/16-12
AN815-16	1	1	1-5/16-12

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

How to read the part number

Part	Meaning
Format	AN815<material><dash>
D	Material: Aluminum
-	Material: Steel
J	Material: Corrosion resistant steel
Example	AN815-4 — Steel, 1/4 in tube

Notes

- M is shared by -2/-3 and by -4/-5 in the listing and is repeated on each row.

SOURCES · AN815 — Union, 37° Flare, Male to Male

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an815/

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