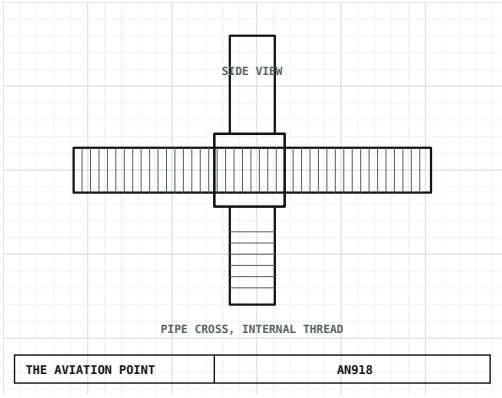
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AN918 — pipe cross, internal thread

Cross, Pipe Internal Thread (Female): dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN918



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, cross, pipe thread
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-1	-2	-3	-4	-6	-8
A — Pipe thread ANPT	1/8	1/4	3/8	1/2	3/4	1
B — B (+3/32/-0)	1-9/32	1-25/32	1-15/16	2-15/32	2-11/16	3-1/4
C — C	5/8	13/16	15/16	1-3/16	1-3/8	1-3/4
P — P dia.	37/64	25/32	59/64	1-5/32	1-23/64	1-11/16

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

Part numbers

Part no.	Size	Pipe thread ANPT	B (+3/32/-0)
AN918-1	1/8	1/8	1-9/32
AN918-2	1/4	1/4	1-25/32
AN918-3	3/8	3/8	1-15/16
AN918-4	1/2	1/2	2-15/32
AN918-6	3/4	3/4	2-11/16
AN918-8	1	1	3-1/4

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

How to read the part number

Part	Meaning
Format	AN918-<dash><material>
D	Material: Aluminum
(none)	Material: Steel
J	Material: Corrosion resistant steel
Example	AN918-2 — Steel, 1/4 ANPT

Notes

- Pipe thread in accordance with SAE-AS71051. B tolerance is +3/32/-0 here (AN917 prints +3/64/-0).

SOURCES · AN918 — Cross, Pipe Internal Thread

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an918/

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

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