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

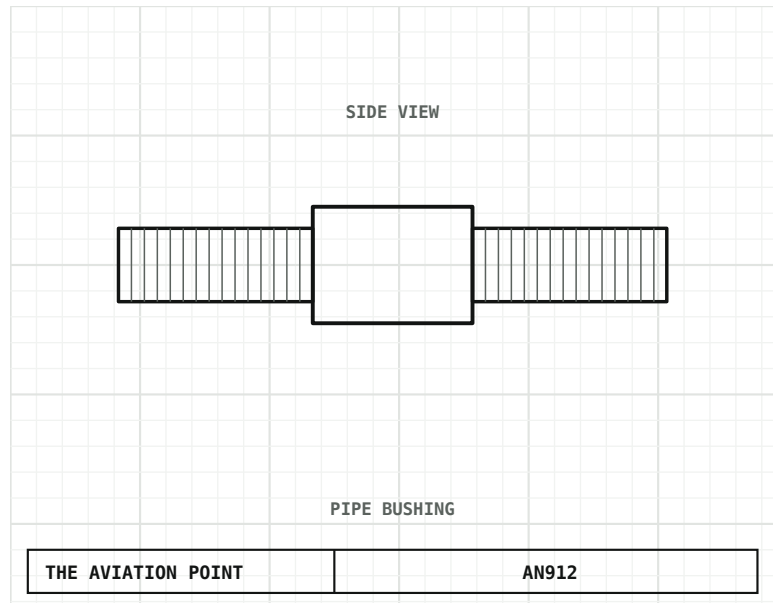
The Aviation Point

AN912 — pipe bushing

Bushing, Pipe: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN912



Engineering drawing · dimensions in inches

Specification

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

Dimensions by size

Dimension, in	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12
A — A internal pipe thread	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	1	1	1
T — T external pipe thread	1/8	1/4	1/8	3/8	1/4	1/8	1/2	3/8	1/4	3/4	1/2	3/8
B — B (±1/32)	25/32	25/32	25/32	1-1/64	1-1/64	1-1/64	1-1/16	1-1/16	1-1/16	1-1/4	1-1/4	1-1/4
C — C	.625	.750	.750	.937	.937	.937	1.125	1.125	1.125	1.375	1.375	1.375
Ct — C tolerance	+.004	+.004	+.004	+.004	+.004	+.004	+.005	+.005	+.005	+.005	+.005	+.005
K — K dia.	.327	.423	.327	.557	.423	.327	.688	.557	.423	.897	.688	.557
Kt — K tolerance	+.000/-.016	+.000/-.019	+.000/-.016	+.000/-.028	+.000/-.019	+.000/-.016	+.000/-.034	+.000/-.028	+.000/-.019	+.000/-.049	+.000/-.034	+.000/-.028

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

Part numbers

1/8 3 part numbers

Part no.	Internal pipe thread	External pipe thread
AN912-1	1/4	1/8
AN912-3	3/8	1/8
AN912-6	1/2	1/8

3/8 3 part numbers

Part no.	Internal pipe thread	External pipe thread
AN912-4	1/2	3/8
AN912-8	3/4	3/8
AN912-12	1	3/8

3/4 1 part number

Part no.	Internal pipe thread	External pipe thread
AN912-10	1	3/4

1/4 3 part numbers

Part no.	Internal pipe thread	External pipe thread
AN912-2	3/8	1/4
AN912-5	1/2	1/4
AN912-9	3/4	1/4

1/2 2 part numbers

Part no.	Internal pipe thread	External pipe thread
AN912-7	3/4	1/2
AN912-11	1	1/2

How to read the part number

Part	Meaning
Format	AN912-<dash><material>
D	Material: Aluminum
(none)	Material: Copper alloy
J	Material: Corrosion resistant steel
Example	AN912-2 — Copper alloy, 3/8 internal to 1/4 external pipe

Notes

- Internal thread A per MIL-P-7105; fitting end per MS33677, style C.
- Cells printed once across several rows in the listing are repeated on each row they span.
- The listing prints tolerances beside some columns; where one cell spans several rows it applies to all of them.

SOURCES · AN912 — Bushing, Pipe

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an912/

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