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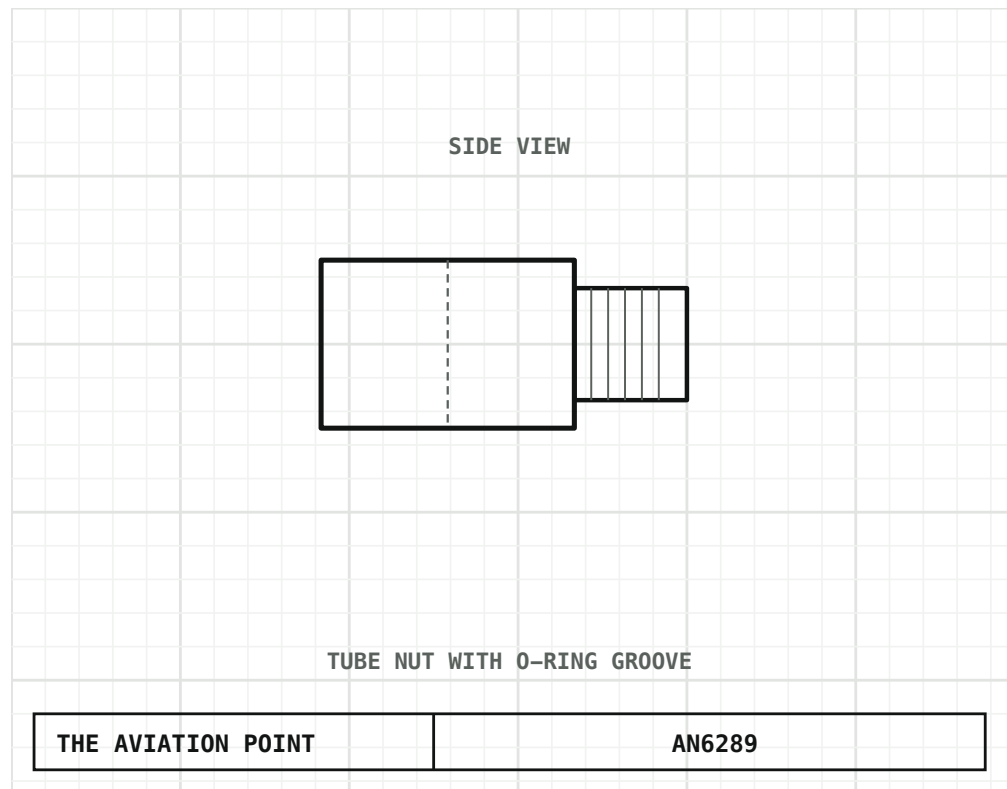
The Aviation Point

AN6289 — tube nut with O-ring groove

Nut, Tube with Groove for O-Ring: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN6289



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, nut, tube with O-ring groove
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
A — A	.563	.625	.688	.750	.813	1.000	1.125	1.375	1.625
B — B	1/4	1/4	9/32	9/32	19/64	11/32	25/64	7/16	7/16
F — F	.65	.72	.79	.87	.94	1.15	1.30	1.59	1.88

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.)
AN6289-2	1/8	1/8	5/16-24
AN6289-3	3/16	3/16	3/8-24
AN6289-4	1/4	1/4	7/16-20
AN6289-5	5/16	5/16	1/2-20
AN6289-6	3/8	3/8	9/16-18
AN6289-8	1/2	1/2	3/4-16
AN6289-10	5/8	5/8	7/8-14
AN6289-12	3/4	3/4	1-1/16-12
AN6289-16	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	AN6289<material><dash>
D	Material: Aluminum
-	Material: Steel
J	Material: Corrosion resistant steel
Example	AN6289-4 — Steel, 1/4 in tube

Notes

- Seat 15° +5° as drawn. B is shared by -2/-3, -4/-5 and -12/-16 in the listing, repeated on each row.

SOURCES · AN6289 — Nut, Tube with Groove for O-Ring

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an6289/

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