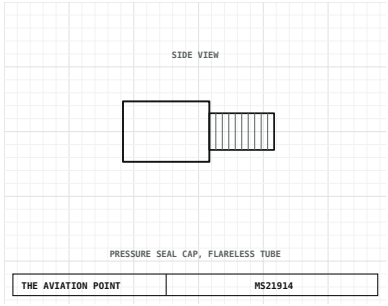
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MS21914 — pressure seal cap, flareless tube

Cap, Pressure Seal, Flareless Tube Fitting: dimensions by dash size and part numbers, as listed in a distributor catalogue.



MS21914



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, cap, pressure seal, flareless 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 T (MIL-S-8879)	.3125-24	.3750-24	.4375-20	.5000-20	.5625-18	.7500-16	.8750-14	1.0625-12	1.3125-12
A — A (+.010)	.600	.672	.745	.845	.885	.935	1.062	1.082	1.218
B — B (ref.)	.375	.438	.562	.625	.688	.875	1.000	1.250	1.500
C — C dia. (+.005 / -.000)	.256	.318	.371	.434	.490	.670	.786	.960	1.210
H — H (+.010)	—	—	.600	.700	.740	.790	.917	.937	1.073
L — L (ref.)	.720	.767	.893	.977	.965	1.077	1.210	1.208	1.189

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 T (MIL-S-8879)
MS21914-2	1/8	1/8	.3125-24
MS21914-3	3/16	3/16	.3750-24
MS21914-4	1/4	1/4	.4375-20
MS21914-5	5/16	5/16	.5000-20
MS21914-6	3/8	3/8	.5625-18
MS21914-8	1/2	1/2	.7500-16
MS21914-10	5/8	5/8	.8750-14
MS21914-12	3/4	3/4	1.0625-12
MS21914-16	1	1	1.3125-12

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

How to read the part number

Part	Meaning
Format	MS21914-<dash><material>
D	Material: Aluminum 2024
(none)	Material: Steel
J	Material: Corrosion resistant steel 304
W	Material: Aluminum 7075
Example	MS21914-4 — Steel, 1/4 in tube

Notes

- H is not given for -2 and -3 (printed as a dash). The nut is MS21921; retainer configuration and size are confined within the hex limits of the nut (drawing note).
- V#P (corrosion resistant steel, cadmium plated) is a further listed form.

SOURCES · MS21914 — Cap, Pressure Seal, Flareless Tube Fitting

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ms21914/

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

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