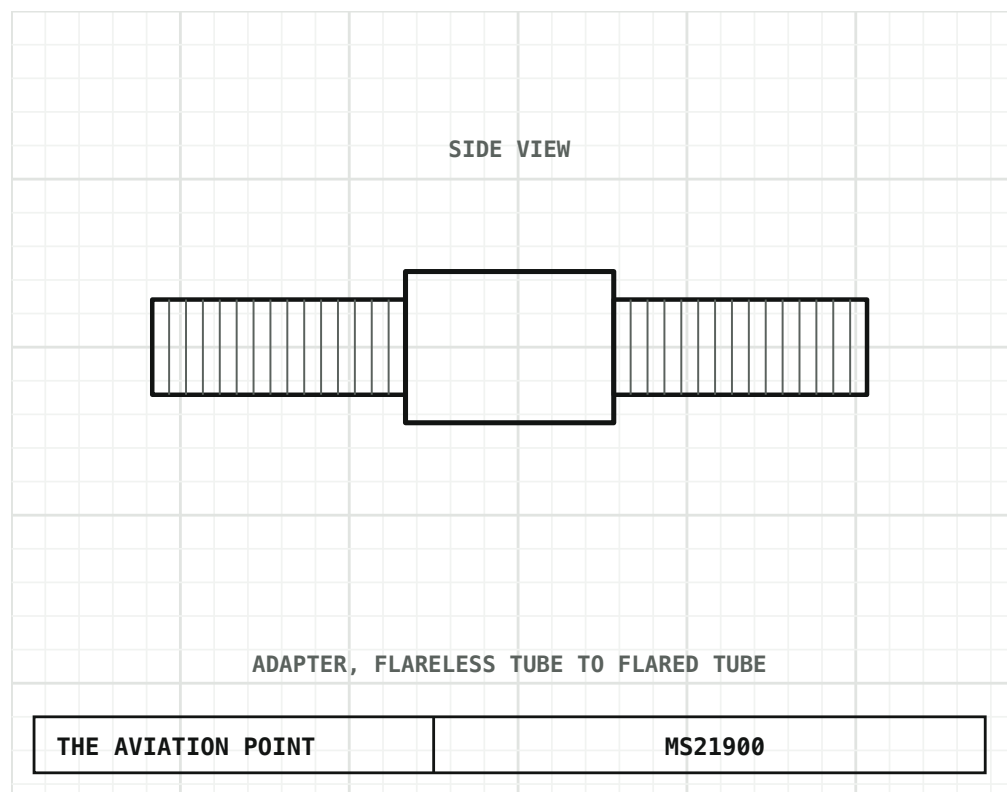
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MS21900 — adapter, flareless tube to flared tube

Adapter, Flareless Tube to Flared Tube: dimensions by dash size and part numbers, as listed in a distributor catalogue.



MS21900



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, adapter, flareless to flared tube
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-3	-4	-5	-6	-8	-10	-12
OD — Tube O.D.	3/16	1/4	5/16	3/8	1/2	5/8	3/4
T — Thread T (MIL-S-8879) (ref.)	.3750-24	.4375-20	.5000-20	.5625-18	.7500-16	.8750-14	1.0625-12
E — E	.625	.688	.750	.813	1.000	1.125	1.375
N — N (±.031)	1.156	1.188	1.156	1.281	1.469	1.688	1.938
S — S (drill depth)	THRU	.563	THRU	THRU	.688	.781	.875

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) (ref.)
MS21900-3	3/16	3/16	.3750-24
MS21900-4	1/4	1/4	.4375-20
MS21900-5	5/16	5/16	.5000-20
MS21900-6	3/8	3/8	.5625-18
MS21900-8	1/2	1/2	.7500-16
MS21900-10	5/8	5/8	.8750-14
MS21900-12	3/4	3/4	1.0625-12

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

How to read the part number

Part	Meaning
Format	MS21900<material><dash>
D	Material: Aluminum 2024
-	Material: Steel
J	Material: Corrosion resistant steel 304
W	Material: Aluminum 7075
Example	MS21900-4 — Steel, 1/4 in tube

Notes

- Flared end in accordance with MS33656, style E; flareless end in accordance with MS33514, style E, except as shown (drawing notes).
- Groove corners at the center of the hex; groove .030 deep x 90° ±5° to identify the part as special (drawing note).
- V#P (corrosion resistant steel, cadmium plated) is a further listed form; not built from the dash table.

SOURCES · MS21900 — Adapter, Flareless Tube to Flared Tube

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ms21900/

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

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