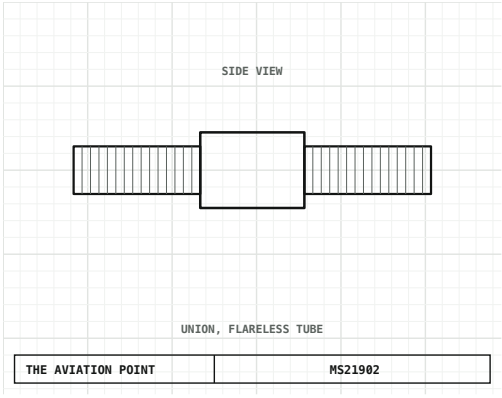
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MS21902 — union, flareless tube

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



MS21902



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, union, 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
OD — Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
T — Thread T (MIL-S-8879) (ref.)	.3125-24	.3750-24	.4375-20	.5000-20	.5625-18	.7500-16	.8750-14	1.0625-12
E — E (ref.)	.563	.625	.688	.750	.813	1.000	1.125	1.375
M — M (ref.)	1.063	1.094	1.063	1.063	1.188	1.375	1.563	1.750

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.)
MS21902-2	1/8	1/8	.3125-24
MS21902-3	3/16	3/16	.3750-24
MS21902-4	1/4	1/4	.4375-20
MS21902-5	5/16	5/16	.5000-20
MS21902-6	3/8	3/8	.5625-18
MS21902-8	1/2	1/2	.7500-16
MS21902-10	5/8	5/8	.8750-14
MS21902-12	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	MS21902<material><dash>
D	Material: Aluminum 2024
-	Material: Steel
J	Material: Corrosion resistant steel 304
W	Material: Aluminum 7075
Example	MS21902-4 — Steel, 1/4 in tube

Notes

- M for -4 and -5 is one shared cell (1.063) in the listing, repeated on each row.
- V#P (corrosion resistant steel, cadmium plated) is a further listed form.

SOURCES · MS21902 — Union, Flareless Tube

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ms21902/

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

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