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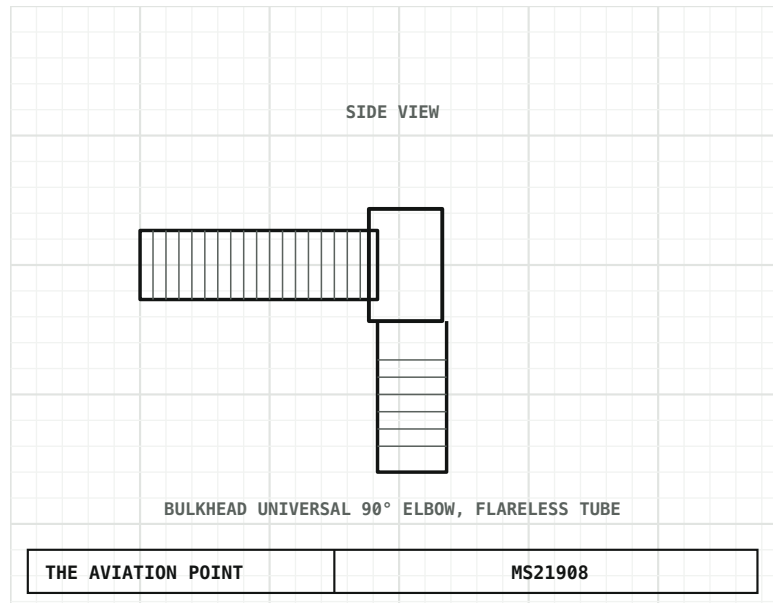
The Aviation Point

MS21908 — bulkhead universal 90° elbow, flareless tube

Elbow, Bulkhead, Universal, 90°, Flareless Tube: dimensions by dash size and part numbers, as listed in a distributor catalogue.



MS21908



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, elbow 90°, bulkhead, 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)	.3125-24	.3750-24	.4375-20	.5000-20	.5625-18	.7500-16	.8750-14	1.0625-12
M — M (+3/64 / -0)	1-5/16	1-25/64	1-1/2	1-17/32	1-11/16	1-31/32	2-1/4	2-15/32
Q — Q (+3/64 / -0)	25/32	29/32	15/16	1-1/32	1-1/16	1-5/16	1-1/2	1-5/8
V — V	5/16	3/8	7/16	1/2	9/16	3/4	7/8	1-1/16
W — W (approx.)	5/16	5/16	3/8	1/2	1/2	5/8	3/4	7/8

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)
MS21908-2	1/8	1/8	.3125-24
MS21908-3	3/16	3/16	.3750-24
MS21908-4	1/4	1/4	.4375-20
MS21908-5	5/16	5/16	.5000-20
MS21908-6	3/8	3/8	.5625-18
MS21908-8	1/2	1/2	.7500-16
MS21908-10	5/8	5/8	.8750-14
MS21908-12	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	MS21908<material><dash>
D	Material: Aluminum 2024
-	Material: Steel
J	Material: Corrosion resistant steel 304
W	Material: Aluminum 7075
Example	MS21908-4 — Steel, 1/4 in tube

Notes

- To confirm: Column order V then W taken from the layout of MS21904 (page image checked); not checked separately on this page.
- V#P (corrosion resistant steel, cadmium plated) is a further listed form.

SOURCES · MS21908 — Elbow, Bulkhead, Universal, 90°, Flareless Tube

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ms21908/

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