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MS20819 — flared tube sleeve

Sleeve, Flared Tube Fitting, 37°: dimensions and part numbers as tabulated.



MS20819

Specification

Item	Value
Type	Fitting, 37° flared tube
Material	Aluminum (D), steel (none) or corrosion-resistant steel (J)
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
B — B, diameter (+.003 / -.000)	.130	.193	.255	.318	.380	.505	.631	.756	1.006
C — C, diameter (+.000 / -.010)	.172	.234	.297	.366	.432	.562	.690	.826	1.081
G — G, diameter (+.000 / -.010)	.267	.329	.383	.445	.502	.682	.797	.972	1.222
M — M (+.016)	.344	.406	.406	.438	.500	.562	.656	.688	.781

Dimensions as tabulated, by dash number (tube size in sixteenths of an inch).

Part numbers

Part no.	Size	Tube O.D., in
MS20819-2	1/8	1/8
MS20819-3	3/16	3/16
MS20819-4	1/4	1/4
MS20819-5	5/16	5/16
MS20819-6	3/8	3/8
MS20819-8	1/2	1/2
MS20819-10	5/8	5/8
MS20819-12	3/4	3/4
MS20819-16	1	1

Dash numbers with the tube size and thread; the material code goes after the dash.

How to read the part number

Part	Meaning
Format	MS20819-<dash><material>
(none)	Material: Steel
D	Material: Aluminum
J	Material: Corrosion resistant
Example	MS20819-3D — aluminum, dash 3

Notes

- Dimensions in inches. Letters as on the drawing in the listing; (Ref.) values are reference dimensions.

SOURCES · MS20819 — Sleeve, Flared Tube Fitting, 37°

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/hardware-kits/ms20819/

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

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