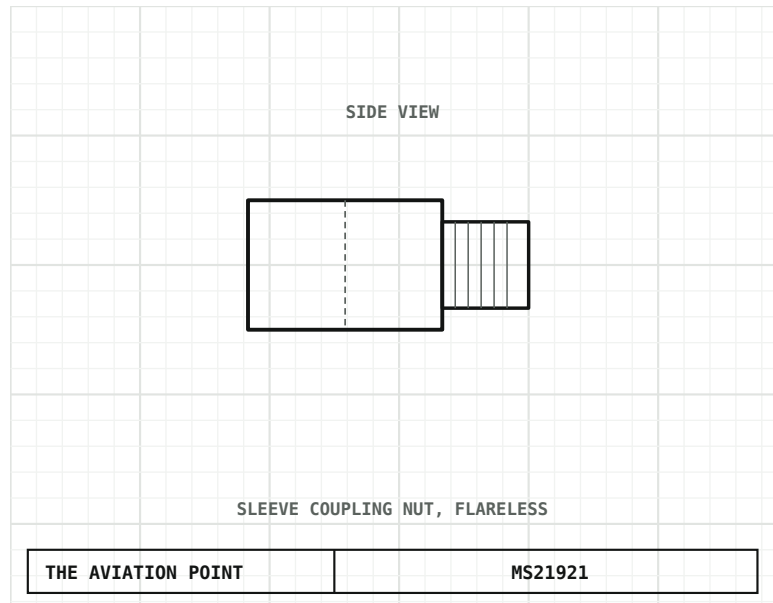
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MS21921 — sleeve coupling nut, flareless

Nut, Sleeve Coupling, Flareless: dimensions by dash size and part numbers, as listed in a distributor catalogue.



MS21921



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, nut, flareless tube sleeve coupling
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)	.53	.58	.72	.76	.80	.86	.98	1.00	1.05
B — B (+.010)	.14	.10	.18	.18	.18	.18	.22	.24	.26
C — C dia. (+.005 / -.000)	.365	.427	.552	.615	.677	.865	.990	1.240	1.490
H — H	.375	.438	.562	.625	.688	.875	1.000	1.250	1.500

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)
MS21921-2	1/8	1/8	.3125-24
MS21921-3	3/16	3/16	.3750-24
MS21921-4	1/4	1/4	.4375-20
MS21921-5	5/16	5/16	.5000-20
MS21921-6	3/8	3/8	.5625-18
MS21921-8	1/2	1/2	.7500-16
MS21921-10	5/8	5/8	.8750-14
MS21921-12	3/4	3/4	1.0625-12
MS21921-16	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	MS21921-<dash><material>
D	Material: Aluminum 2024
(none)	Material: Steel
J	Material: Corrosion resistant steel 304
W	Material: Aluminum 7075
Example	MS21921-4 — Steel, 1/4 in tube

Notes

- B is one shared cell (.18) for -4, -5, -6 and -8 in the listing, repeated on each row. 20° ±5° and 90° ±5° as drawn.
- V#P (corrosion resistant steel, cadmium plated) is a further listed form.

SOURCES · MS21921 — Nut, Sleeve Coupling, Flareless

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ms21921/

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