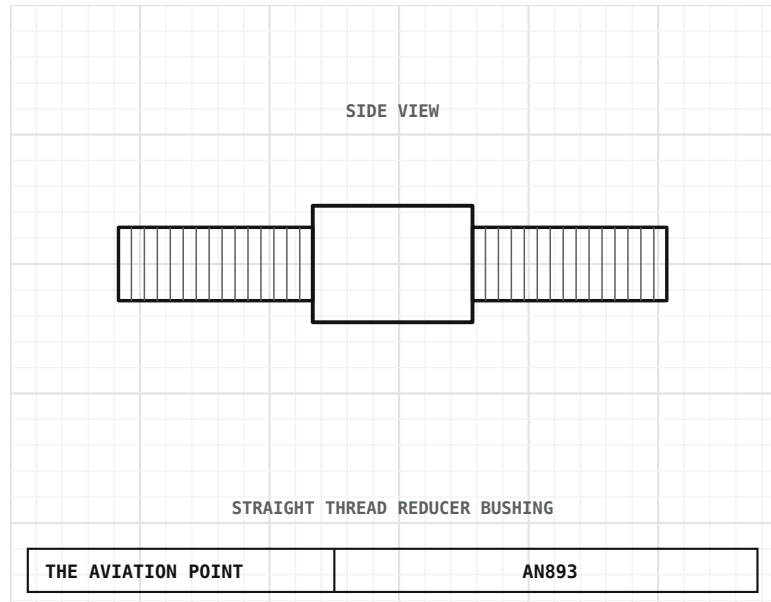
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AN893 — straight thread reducer bushing

Bushing, Female Straight to Male Straight Screw Thread Reducer: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AN893



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fitting, bushing, straight thread reducer
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-121	-13	-14	-15	-151	-16
OD1 — Internal end tube O.D.	1/4	1/4	1/4	1/4	1/4	1/4	5/16	5/16	5/16	5/16	5/16	3/8	3/8	3/8	3/8	3/8	1/2	1/2
S — Internal thread S (ref.)	.4375-20	.4375-20	.4375-20	.4375-20	.4375-20	.4375-20	.5000-20	.5000-20	.5000-20	.5000-20	.5000-20	.5625-18	.5625-18	.5625-18	.5625-18	.5625-18	.7500-16	.7500-16
OD2 — External end tube O.D.	5/16	3/8	1/2	3/4	1	1-1/4	3/8	1/2	3/4	1	1-1/4	1/2	5/8	3/4	1	1-1/4	5/8	3/4
T — External thread T (ref.)	1/2-20	9/16-18	3/4-16	1-1/16-12	1-5/16-12	1-5/8-12	9/16-18	3/4-16	1-1/16-12	1-5/16-12	1-5/8-12	3/4-16	7/8-14	1-1/16-12	1-5/16-12	1-5/8-12	7/8-14	1-1/16-12
G — G	.750	.813	1.000	1.375	1.625	1.875	.813	1.000	1.375	1.625	1.875	1.000	1.125	1.375	1.625	1.875	1.125	1.375
M — M	1-7/64	1-7/64	25/32	31/32	31/32	31/32	1-7/64	1-7/64	31/32	31/32	31/32	1-11/64	1-7/32	31/32	31/32	31/32	1-3/8	1-11/32

Dimensions in inches as tabulated in the catalogue listing; the standard governs. Blank cells: not stated in the listing.

Part numbers

5/16 1 part number

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-1	1/4	5/16

3/8 2 part numbers

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-2	1/4	3/8
AN893-7	5/16	3/8

1/2 3 part numbers

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-3	1/4	1/2
AN893-8	5/16	1/2
AN893-12	3/8	1/2

3/4 4 part numbers

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-4	1/4	3/4
AN893-9	5/16	3/4
AN893-13	3/8	3/4
AN893-16	1/2	3/4

1 3 part numbers

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-5	1/4	1
AN893-10	5/16	1
AN893-14	3/8	1

1-1/4 3 part numbers

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-6	1/4	1-1/4
AN893-11	5/16	1-1/4
AN893-15	3/8	1-1/4

5/8 2 part numbers

Part no.	Internal end tube O.D.	External end tube O.D.
AN893-121	3/8	5/8
AN893-151	1/2	5/8

How to read the part number

Part	Meaning
Format	AN893-<dash><material>
D	Material: Aluminum
(none)	Material: Steel
J	Material: Corrosion resistant steel
Example	AN893-4 — Steel, dash 4

Notes

- Cells printed once across several rows in the listing are repeated on each row they span.
- Dash numbers 121 and 151 are printed as such.

SOURCES · AN893 — Bushing, Female Straight to Male Straight Screw Thread Reducer

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/an893/

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