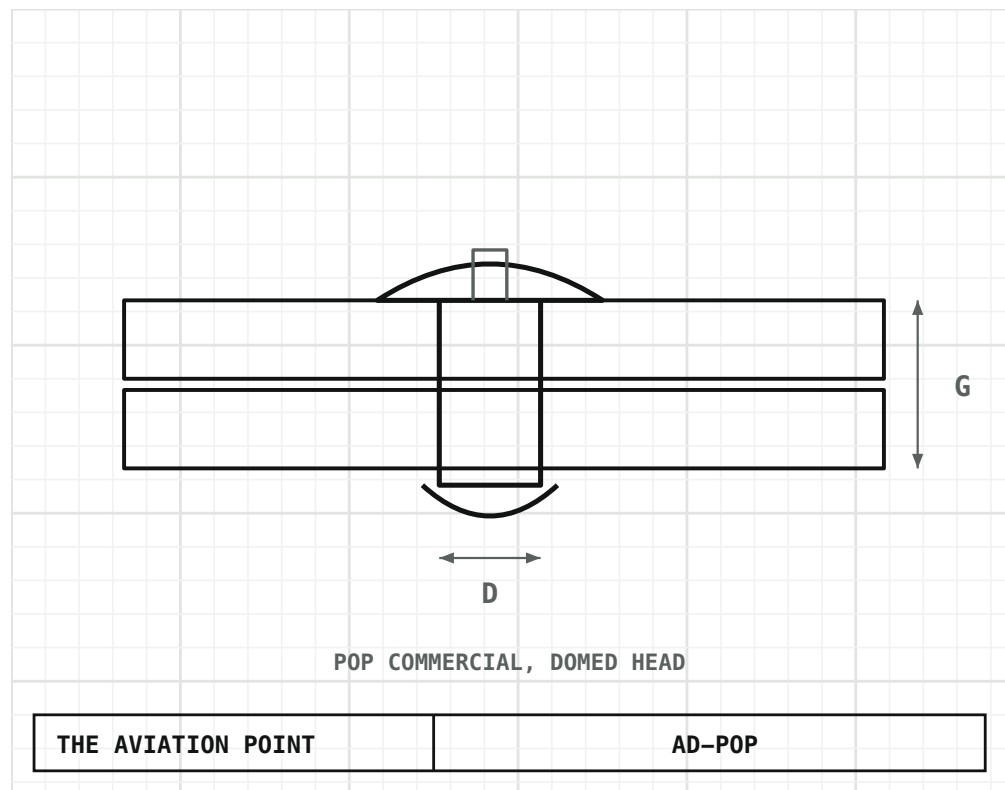
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AD-POP — POP commercial, domed head

POP rivets, non-structural, commercial grade, domed head: grip range and part number by diameter, with the equivalent number of the other maker.



AD-POP



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Blind rivet, commercial, non-structural
Material	Aluminum rivet; aluminum or steel mandrel, by part number
Status	Listing data: sizes and part numbers commonly stocked. The standard or manufacturer drawing governs; check its current issue before design use.

Dimensions by size

Dimension, in	3/32	1/8	5/32
D — Nominal diameter, as printed	3/32	1/8	5/32

Nominal diameters as listed. Dimensions not given there are not stated here; take them from the standard.

Part numbers

3/32 4 part numbers

Part no.	Rivet / mandrel, flange	Marson number	Grip min, in	Grip max, in
AD32ABS	Aluminum rivet / aluminum mandrel, small flange	AB3-2A	.032	.125
AD34ABS	Aluminum rivet / aluminum mandrel, small flange	AB3-4A	.126	.250
AD32BS	Aluminum rivet / steel mandrel, small flange	AB3-2	.032	.125
AD34BS	Aluminum rivet / steel mandrel, small flange	AB3-4	.126	.250

1/8 17 part numbers

Part no.	Rivet / mandrel, flange	Marson number	Grip min, in	Grip max, in
AD42ABS	Aluminum rivet / aluminum mandrel, small flange	AB4-2A	.063	.125
AD43ABS	Aluminum rivet / aluminum mandrel, small flange	AB4-3A	.126	.187
AD44ABS	Aluminum rivet / aluminum mandrel, small flange	AB4-4A	.188	.250
AD45ABS	Aluminum rivet / aluminum mandrel, small flange	AB4-5A	.251	.312
AD46ABS	Aluminum rivet / aluminum mandrel, small flange	AB4-6A	.313	.375
AD42ABSLF	Aluminum rivet / aluminum mandrel, large flange	ABL4-2A	.032	.125
AD43ABSLF	Aluminum rivet / aluminum mandrel, large flange	ABL4-3A	.126	.187
AD44ABSLF	Aluminum rivet / aluminum mandrel, large flange	ABL4-4A	.188	.250
AD42BS	Aluminum rivet / steel mandrel, small flange	AB4-2	.063	.125
AD43BS	Aluminum rivet / steel mandrel, small flange	AB4-3	.126	.187
AD44BS	Aluminum rivet / steel mandrel, small flange	AB4-4	.188	.250
AD45BS	Aluminum rivet / steel mandrel, small flange	AB4-5	.251	.312
AD46BS	Aluminum rivet / steel mandrel, small flange	AB4-6	.313	.375
AD42BSLF	Aluminum rivet / steel mandrel, large flange	ABL4-2	.032	.125
AD43BSLF	Aluminum rivet / steel mandrel, large flange	ABL4-3	.126	.187
AD44BSLF	Aluminum rivet / steel mandrel, large flange	ABL4-4	.188	.250
AD46BSLF	Aluminum rivet / steel mandrel, large flange	ABL4-6	.313	.375

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

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5/32 8 part numbers

Part no.	Rivet / mandrel, flange	Marson number	Grip min, in	Grip max, in
AD52ABS	Aluminum rivet / aluminum mandrel, small flange	AB5-2A	.062	.125
AD53ABS	Aluminum rivet / aluminum mandrel, small flange	AB5-3A	.126	.187
AD54ABS	Aluminum rivet / aluminum mandrel, small flange	AB5-4A	.188	.250
AD54ABSLF	Aluminum rivet / aluminum mandrel, large flange	ABL5-4A	.188	.250
AD52BS	Aluminum rivet / steel mandrel, small flange	AB5-2	.062	.125
AD53BS	Aluminum rivet / steel mandrel, small flange	AB5-3	.126	.187
AD54BS	Aluminum rivet / steel mandrel, small flange	AB5-4	.188	.250
AD54BSLF	Aluminum rivet / steel mandrel, large flange	ABL5-4	.188	.250

How to read the part number

Part	Meaning
Example	AD43ABS — 1/8 in, grip .126-.187 in, aluminum rivet and mandrel, small flange

Notes

- Non-structural, commercial grade, domed head.
- Letters in the number: A or B for aluminum or steel mandrel, S small flange, SLF large flange (POP); the Marson numbers carry L for large flange.
- Part numbers and grip ranges are as listed in commercial listing data; combinations shown as blank or '---' there are not listed here.
- Approved data governs. Use the fastener the SRM, drawing or IPC calls for.

SOURCES · AD-POP — POP rivets, non-structural, commercial grade, domed head

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/blind-fasteners/ad-pop/