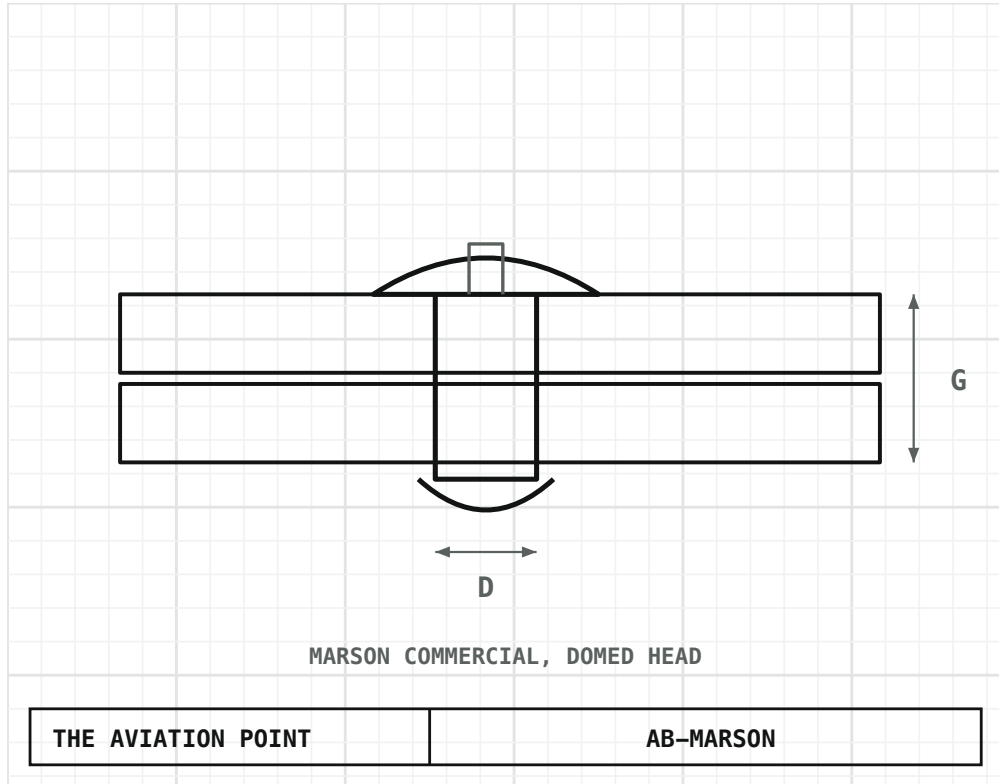
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AB-MARSON — Marson commercial, domed head

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



AB-MARSON



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	POP number	Grip min, in	Grip max, in
AB3-2A	Aluminum rivet / aluminum mandrel, small flange	AD32ABS	.032	.125
AB3-4A	Aluminum rivet / aluminum mandrel, small flange	AD34ABS	.126	.250
AB3-2	Aluminum rivet / steel mandrel, small flange	AD32BS	.032	.125
AB3-4	Aluminum rivet / steel mandrel, small flange	AD34BS	.126	.250

1/8 17 part numbers

Part no.	Rivet / mandrel, flange	POP number	Grip min, in	Grip max, in
AB4-2A	Aluminum rivet / aluminum mandrel, small flange	AD42ABS	.063	.125
AB4-3A	Aluminum rivet / aluminum mandrel, small flange	AD43ABS	.126	.187
AB4-4A	Aluminum rivet / aluminum mandrel, small flange	AD44ABS	.188	.250
AB4-5A	Aluminum rivet / aluminum mandrel, small flange	AD45ABS	.251	.312
AB4-6A	Aluminum rivet / aluminum mandrel, small flange	AD46ABS	.313	.375
ABL4-2A	Aluminum rivet / aluminum mandrel, large flange	AD42ABSLF	.032	.125
ABL4-3A	Aluminum rivet / aluminum mandrel, large flange	AD43ABSLF	.126	.187
ABL4-4A	Aluminum rivet / aluminum mandrel, large flange	AD44ABSLF	.188	.250
AB4-2	Aluminum rivet / steel mandrel, small flange	AD42BS	.063	.125
AB4-3	Aluminum rivet / steel mandrel, small flange	AD43BS	.126	.187
AB4-4	Aluminum rivet / steel mandrel, small flange	AD44BS	.188	.250
AB4-5	Aluminum rivet / steel mandrel, small flange	AD45BS	.251	.312
AB4-6	Aluminum rivet / steel mandrel, small flange	AD46BS	.313	.375
ABL4-2	Aluminum rivet / steel mandrel, large flange	AD42BSLF	.032	.125
ABL4-3	Aluminum rivet / steel mandrel, large flange	AD43BSLF	.126	.187
ABL4-4	Aluminum rivet / steel mandrel, large flange	AD44BSLF	.188	.250
ABL4-6	Aluminum rivet / steel mandrel, large flange	AD46BSLF	.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	POP number	Grip min, in	Grip max, in
AB5-2A	Aluminum rivet / aluminum mandrel, small flange	AD52ABS	.062	.125
AB5-3A	Aluminum rivet / aluminum mandrel, small flange	AD53ABS	.126	.187
AB5-4A	Aluminum rivet / aluminum mandrel, small flange	AD54ABS	.188	.250
ABL5-4A	Aluminum rivet / aluminum mandrel, large flange	AD54ABSLF	.188	.250
AB5-2	Aluminum rivet / steel mandrel, small flange	AD52BS	.062	.125
AB5-3	Aluminum rivet / steel mandrel, small flange	AD53BS	.126	.187
AB5-4	Aluminum rivet / steel mandrel, small flange	AD54BS	.188	.250
ABL5-4	Aluminum rivet / steel mandrel, large flange	AD54BSLF	.188	.250

How to read the part number

Part	Meaning
Example	AB4-3A — 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 · AB-MARSON — Marson rivets, non-structural, commercial grade, domed head

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/blind-fasteners/ab-marson/

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