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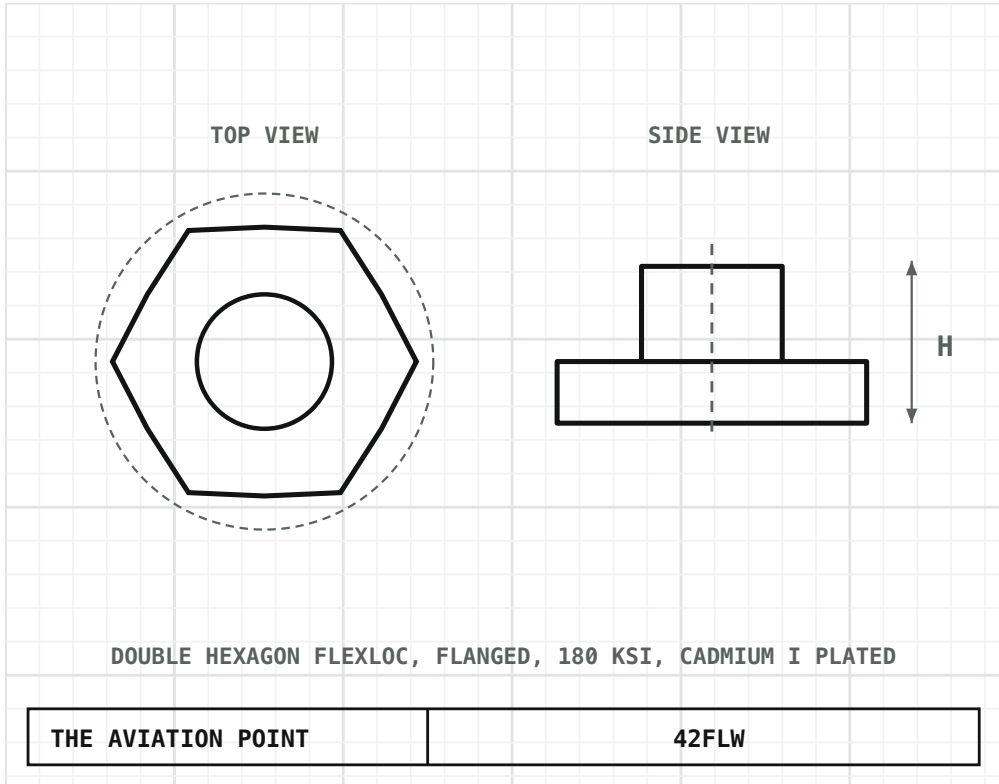
The Aviation Point

42FLW nut — double hexagon flexloc, flanged, 180 ksi, cadmium I plated

Self-Locking Nut, Double Hexagon, Flanged, Alloy Steel, 180 KSI, 450 °F, Cadmium I Plated: dimensions by thread size and part numbers as listed.



42FLW



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Self-locking nut
Material	Alloy steel, 180 ksi, cadmium I plated
Max. temperature	450 °F
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	.2500-28	.3125-24	.3750-24
A — Flange diameter, max	.444	.547	.654
B — B, min	.414	.517	.624
C — C, min	.419	.491	.561
H — Height, max	.290	.363	.438
W max — Across flats, max	.376	.439	.502
W min — Across flats, min	.367	.430	.492
AX — Axial strength, lb min	7,270	11,500	17,100

Dimensions in inches, as tabulated for the part. Blank cells (—): not stated in the documents we hold; take them from the standard.

Part numbers

Part no.	Size
42FLW-428	.2500-28
42FLW-524	.3125-24
42FLW-624	.3750-24

Part numbers as listed for the part; the standard governs and may list others.

How to read the part number

Part	Meaning
Example	42FLW428 — .2500-28, cadmium I plated

Notes

- Lightweight, flanged, double-hexagon flexloc nut; the dimension table of the listing covers dash 428 to 1018 for both series; only the sizes listed under this prefix are shown.
- Part number format as commonly written; check the standard for the exact format.
- Approved data governs. Use the nut the SRM, drawing or IPC calls for.

SOURCES · 42FLW — Self-Locking Nut, Double Hexagon, Flanged, Alloy Steel, 180 KSI, 450 °F, Cadmium I Plated

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/nuts/42flw/

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