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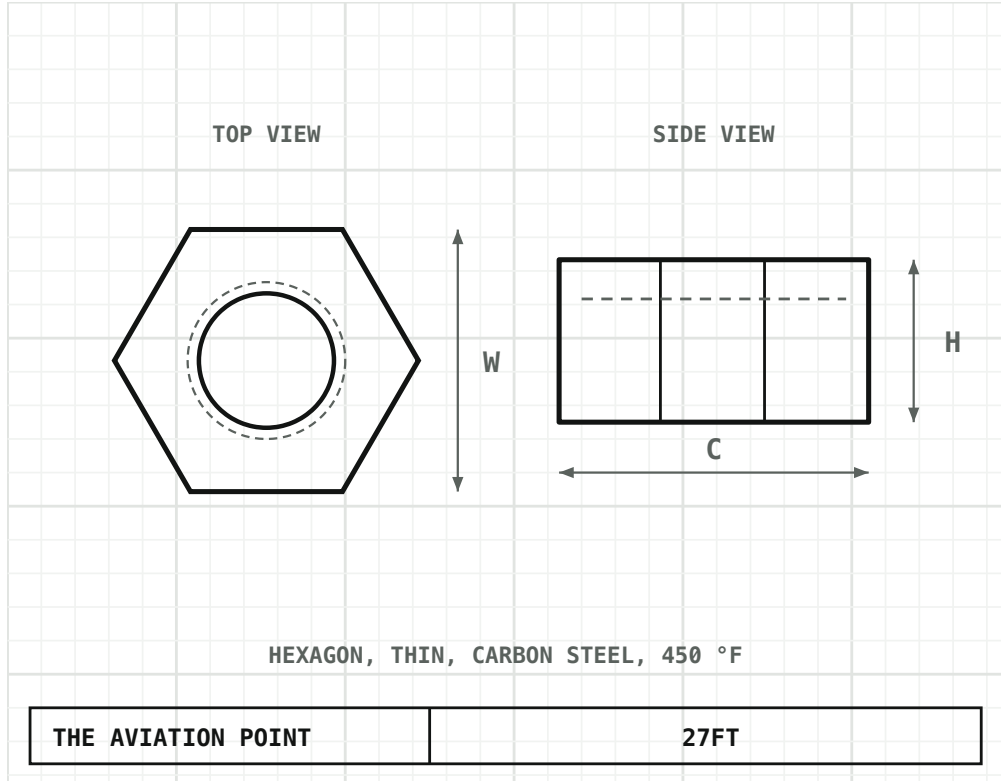
The Aviation Point

27FT nut — hexagon, thin, carbon steel, 450 °F

Self-Locking Hexagon Nut, Thin, Carbon Steel, 450 °F: dimensions by thread size and part numbers as listed.



27FT



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Self-locking nut
Material	Carbon steel
Max. temperature	450 °F
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	.1380-32	.1640-32	.1900-32	.2500-28	.3125-24	.3750-24
B — B, min diameter	.305	.336	.367	.430	.492	.553
C — Across corners, min	.347	.383	.419	.481	.561	.631
H — Height, max	.141	.188	.188	.219	.266	.282
S — S, min	.036	.070	.065	.075	.097	.108
W max — Across flats, max	.313	.345	.376	.439	.502	.564
W min — Across flats, min	.305	.336	.367	.430	.492	.553

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	MS20364 (reference only)
27FT-632	.1380-32	MS20364-632C
27FT-832	.1640-32	MS20364-832C
27FT-1032	.1900-32	MS20364-1032C
27FT-428	.2500-28	MS20364-428C
27FT-524	.3125-24	MS20364-524C
27FT-624	.3750-24	MS20364-624C

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

How to read the part number

Part	Meaning
Example	27FT428 — .2500-28 thin self-locking nut, carbon steel

Notes

- The MS20364 number is given for reference only.
- 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 · 27FT — Self-Locking Hexagon Nut, Thin, Carbon Steel, 450 °F

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/nuts/27ft/

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