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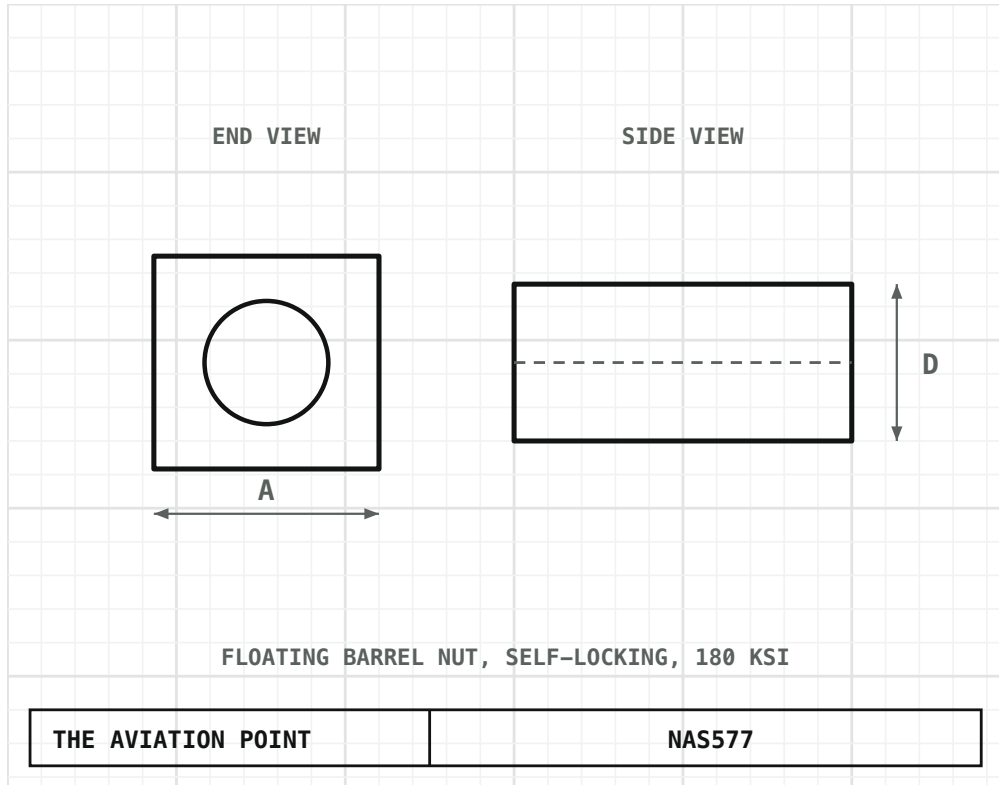
The Aviation Point

NAS577 nut — floating barrel nut, self-locking, 180 ksi

Nut, Self-Locking, Floating, Barrel, 180 KSI: dimensions by thread size and part numbers as listed.



NAS577



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Floating barrel nut
Material	Not stated in the documents we hold
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	.2500-28	.3125-24	.3750-24	.4375-20	.5000-20
A — A (see drawing)	.513	.575	.669	.763	.857
Hmin — Hole, min	.531	.594	.688	.781	.875
Hmax — Hole, max	.535	.599	.693	.788	.882
B — B (see drawing)	.625	.688	.750	.875	1.000
D — D (see drawing)	.406	.468	.531	.625	.703

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
NAS577B4A	.2500-28
NAS577B5A	.3125-24
NAS577B6A	.3750-24
NAS577B7A	.4375-20
NAS577B8A	.5000-20

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

How to read the part number

Part	Meaning
Example	NAS577B4A — .2500-28 floating barrel nut, self-locking

Notes

- The listing heads the column NAS577B; the dash numbers are 4A to 8A.
- .0625 min dimension on the drawing (not tabulated).
- 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 · NAS577 — Nut, Self-Locking, Floating, Barrel, 180 KSI

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/nuts/nas577/

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