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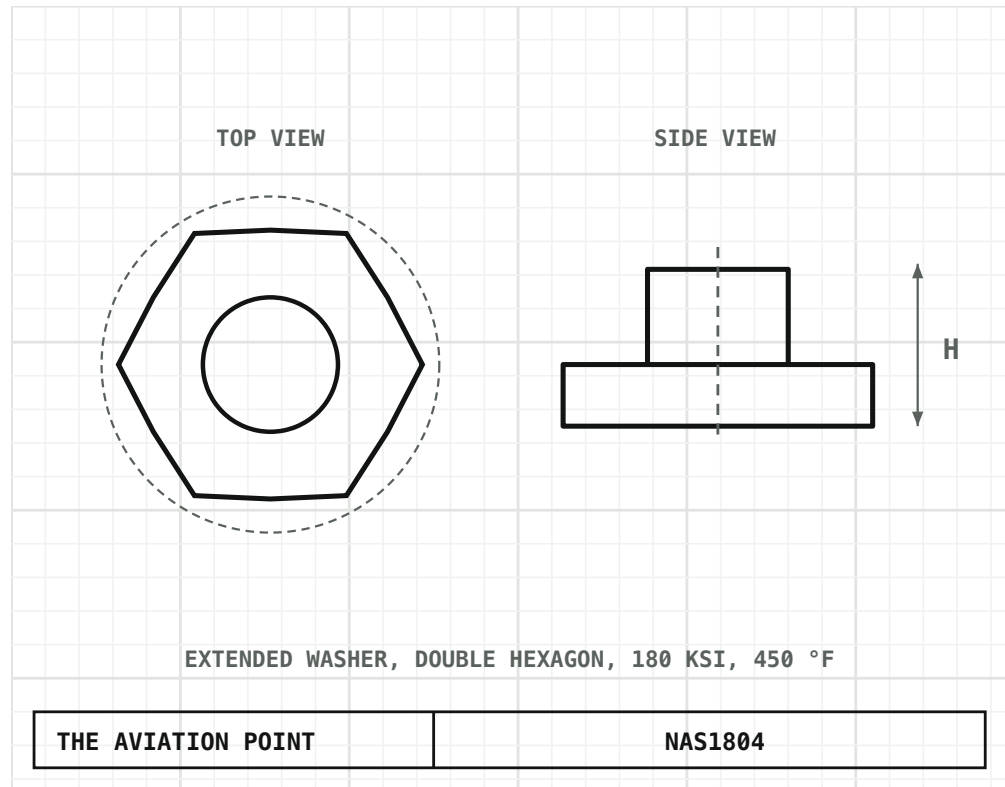
The Aviation Point

NAS1804 nut — extended washer, double hexagon, 180 ksi, 450 °F

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



NAS1804



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Self-locking nut
Material	Alloy steel
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	.1900-32	.2500-28	.3125-24	.3750-24	.4375-20	.5000-20
A — Washer diameter	.339	.434	.532	.631	.729	.828
B — Washer diameter, min	.299	.394	.492	.591	.689	.788
C — C, min	.277	.347	.418	.490	.631	.703
H — Height, max	.190	.250	.312	.375	.438	.500
W max — Across flats, max	.251	.313	.376	.439	.564	.627
W min — Across flats, min	.243	.305	.367	.430	.553	.616

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
NAS1804-3	.1900-32
NAS1804-4	.2500-28
NAS1804-5	.3125-24
NAS1804-6	.3750-24
NAS1804-6N	.3750-24
NAS1804-7	.4375-20
NAS1804-8	.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	NAS1804-4 — .2500-28 double-hexagon self-locking nut, 180 ksi, 450 °F

Notes

- Thread note 1 (not reproduced in the listing) applies to the thread column; check the standard.
- Dash 6 and 6N are both .3750-24 and have the same listed dimensions.
- 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 · NAS1804 — Nut, Self-Locking, Extended Washer, Double Hexagon, Alloy Steel, 180 KSI, 450 °F

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/nuts/nas1804/

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