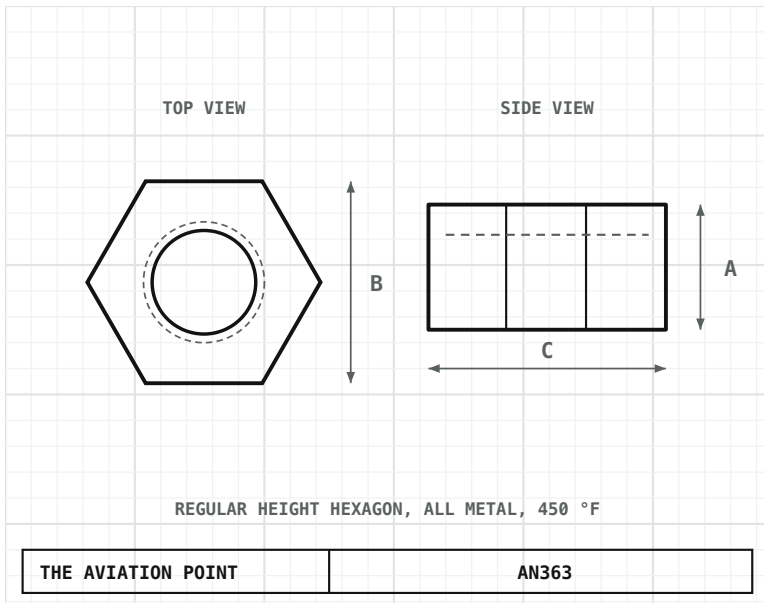
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AN363 nut — regular height hexagon, all metal, 450 °F

Nut, Self-Locking, Hexagon, Regular Height, All Metal, 450 °F: dimensions by thread size and part numbers as listed.



Engineering drawing · dimensions in inches

Specification

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

Dimensions by size

Dimension, in	.1120-40	.1380-32	.1640-32	.1900-32	.2500-28	.3125-24	.3750-24	.5000-20	.5625-18	.6250-18	.4375-20 (AN363-720)
A max — A, max (height)	.167	.188	.250	.250	.328	.360	.469	.610	.705	.766	.469
A min — A, min (height)	.133	.160	.219	.208	.240	.271	.318	.575	.623	.732	.453
B — B, across flats	.243	.305	.336	.367	.430	.492	.553	.741	.865	.928	.615
C — C, min (across corners)	.268	.339	.374	.410	.482	.552	.622	.837	.978	1.051	.705
F — F, min	.044	.072	.091	.085	.116	.123	.153	.221	.243	.274	.178

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	Version	Listed as MS21045
AN363-440	.1120-40	Carbon steel	MS21045-04
AN363-632	.1380-32	Carbon steel	MS21045-06
AN363-832	.1640-32	Carbon steel	MS21045-08
AN363-1032	.1900-32	Carbon steel	MS21045-3
AN363-428	.2500-28	Carbon steel	MS21045-4
AN363-524	.3125-24	Carbon steel	MS21045-5
AN363-624	.3750-24	Carbon steel	MS21045-6
AN363-820	.5000-20	Carbon steel	MS21045-8
AN363-918	.5625-18	Carbon steel	MS21045-9
AN363-1018	.6250-18	Carbon steel	MS21045-10
AN363-720	.4375-20 (AN363-720)	Carbon steel	

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

How to read the part number

Part	Meaning
Example	AN363-428 — Carbon steel, 1/4-28, all-metal regular height hexagon nut, 450 °F

Notes

- Listed with MS21045 (AN363) on the same page. The 7/16-20 size has two numbers: the MS21045 equivalent of AN363-720 is not listed; AN363-720 has the dimensions shown.
- The AN363 number is the thread written as numerals (440 is 4-40, 1032 is 10-32).
- 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 · AN363 — Nut, Self-Locking, Hexagon, Regular Height, All Metal, 450 °F

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/nuts/an363/