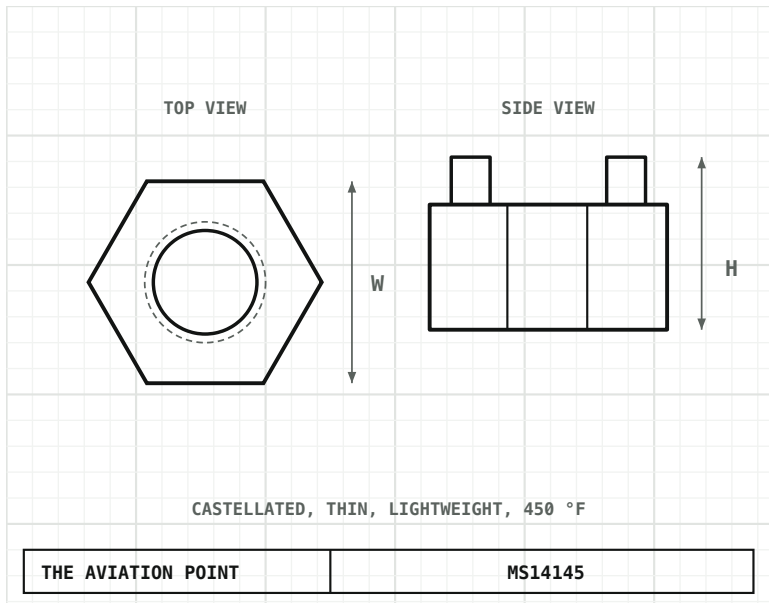
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MS14145 nut — castellated, thin, lightweight, 450 °F

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



MS14145



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Castellated self-locking nut
Material	Not stated in the documents we hold
Max. temperature	450 °F
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	.5625-18	.6250-18
A — A, max	.325	.420	.520	.579	.645	.770	.850	.910
C — C, min	.277	.348	.419	.480	.552	.623	.765	.836
H max — Height, max	.203	.203	.203	.203	.234	.265	.328	.328
H min — Height, min	.173	.173	.173	.173	.204	.235	.298	.298
W max — Across flats, max	.252	.315	.378	.440	.504	.566	.692	.755
W min — Across flats, min	.243	.305	.367	.429	.492	.554	.678	.741

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

Part numbers

.1900-32 2 part numbers

Part no.	Lubricant
MS14145-3	No dry-film lubricant
MS14145L3	Dry-film lubricant

.2500-28 2 part numbers

Part no.	Lubricant
MS14145-4	No dry-film lubricant
MS14145L4	Dry-film lubricant

.3125-24 2 part numbers

Part no.	Lubricant
MS14145-5	No dry-film lubricant
MS14145L5	Dry-film lubricant

.3750-24 2 part numbers

Part no.	Lubricant
MS14145-6	No dry-film lubricant
MS14145L6	Dry-film lubricant

.4375-20 2 part numbers

Part no.	Lubricant
MS14145-7	No dry-film lubricant
MS14145L7	Dry-film lubricant

.5000-20 2 part numbers

Part no.	Lubricant
MS14145-8	No dry-film lubricant
MS14145L8	Dry-film lubricant

.5625-18 2 part numbers

Part no.	Lubricant
MS14145-9	No dry-film lubricant
MS14145L9	Dry-film lubricant

.6250-18 2 part numbers

Part no.	Lubricant
MS14145-10	No dry-film lubricant
MS14145L10	Dry-film lubricant

How to read the part number

Part	Meaning
Example	MS14145-4 — .2500-28 thin castellated self-locking nut

Notes

- Thread to MIL-S-8879. L before the dash number: dry-film lubricant.
- 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.
- B (nut height to the slot root) is on the drawing; the listing does not tabulate it.

SOURCES · MS14145 — Nut, Self-Locking, Castellated, Thin, Lightweight, 450 °F

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/nuts/ms14145/