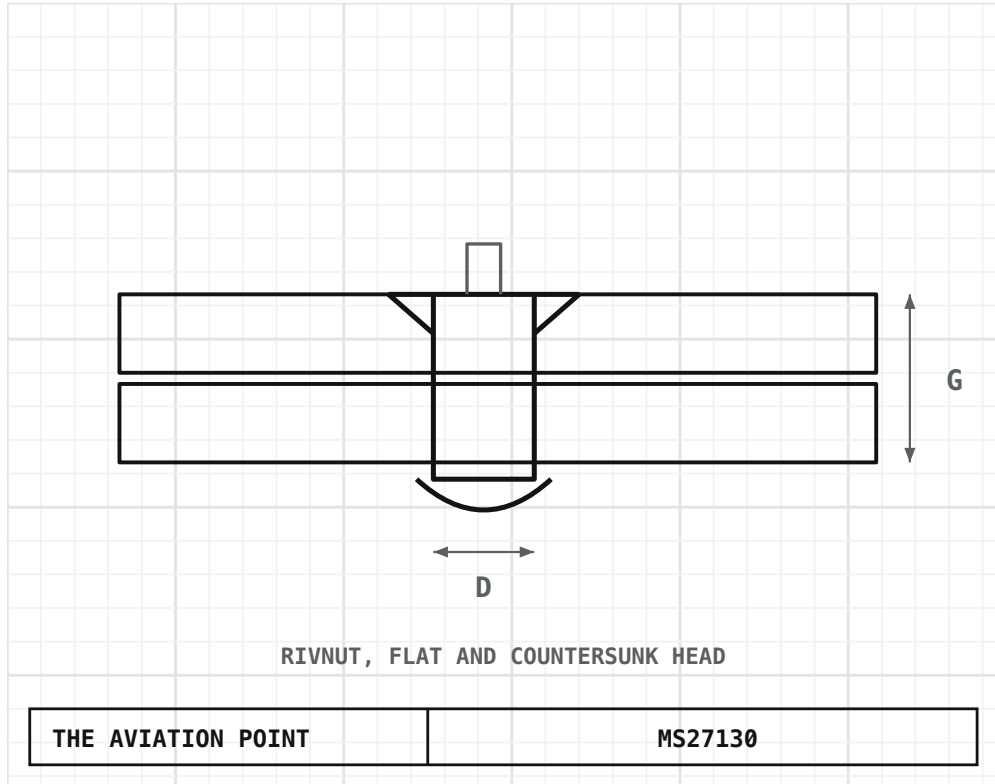
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MS27130 — rivnut, flat and countersunk head

Rivnut, flat head and countersunk head, internal thread, keyed and unkeyed: nominal sizes, grip ranges and commonly stocked part numbers.



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Blind rivet nut (rivnut), internally threaded
Status	Listing data: sizes and part numbers commonly stocked. The standard or manufacturer drawing governs; check its current issue before design use.

Dimensions by size

Dimension, in	4-40	6-32	8-32	10-32
Thread size	4-40	6-32	8-32	10-32

Nominal diameters as listed. Dimensions not given there are not stated here; take them from the standard.

Part numbers

4-40 1 part number

Part no. (still in use)	Replacement, steel (NAS1329)	Head	Keyed / unkeyed	Grip min, in	Grip max, in	Manufacturer part no.	NAS number
MS27130-A1	NAS1329A04-60	Flat	unkeyed	.010	.060	—	NAS1329A04-60

6-32 7 part numbers

Part no. (still in use)	Replacement, steel (NAS1329)	Head	Keyed / unkeyed	Grip min, in	Grip max, in	Manufacturer part no.	NAS number
MS27130-A7	NAS1329A06-75	Flat	unkeyed	.010	.075	A6-75	NAS1329A06-75
MS27130-A8	NAS1329A06-120	Flat	unkeyed	.075	.120	A6-120	NAS1329A06-120
MS27130-A7K	NAS1329A06K75	Flat	keyed	.010	.075	A6K-75	NAS1329A06K75
MS27130-A8K	NAS1329A06K120	Flat	keyed	.075	.120	A6K-120	NAS1329A06K120
MS27130-A9K	NAS1329A06K160	Flat	keyed	.120	.160	A6K-160	NAS1329A06K160
MS27130-A87	NAS1330A06-106	Countersunk	unkeyed	.065	.106	A6-106	NAS1330A06-106
MS27130-A87K	NAS1330A06K106	Countersunk	keyed	.065	.106	A6K106	NAS1330A06K106

8-32 7 part numbers

Part no. (still in use)	Replacement, steel (NAS1329)	Head	Keyed / unkeyed	Grip min, in	Grip max, in	Manufacturer part no.	NAS number
MS27130-A13	NAS1329A08-75	Flat	unkeyed	.010	.075	A8-75	NAS1329A08-75
MS27130-A14	NAS1329A08-120	Flat	unkeyed	.075	.120	A8-120	NAS1329A08-120
MS27130-A13K	NAS1329A08K75	Flat	keyed	.010	.075	A8K-75	NAS1329A08K75
MS27130-A14K	NAS1329A08K120	Flat	keyed	.075	.120	A8K-120	NAS1329A08K120
MS27130-A15K	NAS1329A08K160	Flat	keyed	.120	.160	A8K-160	NAS1329A08K160
MS27130-A93	NAS1330A08-106	Countersunk	unkeyed	.065	.106	A8-106	NAS1330A08-106
MS27130-A93K	NAS1330A08K106	Countersunk	keyed	.065	.106	A8K106	NAS1330A08K106

10-32 6 part numbers

Part no. (still in use)	Replacement, steel (NAS1329)	Head	Keyed / unkeyed	Grip min, in	Grip max, in	Manufacturer part no.	NAS number
MS27130-A25	NAS1329A3-80	Flat	unkeyed	.010	.080	A10-80	NAS1329A3-80
MS27130-S25	NAS1329S3-80	Flat	unkeyed	.010	.080	S10-80	NAS1329S3-80
MS27130-AEA10-140	—	Flat	unkeyed	.080	.140	AEA10-140	—
MS27130-A25K	NAS1329A3K80	Flat	keyed	.010	.080	A10K-80	NAS1329A3K80
MS27130-A26K	NAS1329A3K130	Flat	keyed	.080	.130	A10K-130	NAS1329A3K130
MS27130-A27K	NAS1329A3K180	Flat	keyed	.130	.180	A10K-180	NAS1329A3K180

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

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How to read the part number

Part	Meaning
Format	MS27130-<dash>
Example	MS27130-A8 — unkeyed flat head, 6-32 thread, grip .075-.120 in

Notes

- The listing lists each MS27130 number against the NAS1329 (flat head) or NAS1330 (countersunk head) number for the same thread and grip.
- K at the end of the MS27130 number marks the keyed version.
- 10-32 flat head, grip .080-.140: only the MS27130-column entry AEA10-140 is printed; no NAS number is shown.
- The listing does not state material or finish; the meaning of the letter prefixes (A, S) is not stated either.
- Approved data governs. Use the fastener the SRM, drawing or IPC calls for.

SOURCES · MS27130 — Rivnut, flat head and countersunk head, internal thread, keyed and unkeyed

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/blind-fasteners/ms27130/

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

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