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NAS1130 — tangless helical coil insert, free running and self-locking, 304 CRES

Insert, Screw Thread, Helical Coil, Tangless, Free Running and Self-Locking, Type 304 Corrosion-Resistant Steel: part numbers and the sizes commonly stocked.



NAS1130

Specification

Item	Value
Type	Helical coil insert, tangless
Material	Type 304 corrosion-resistant steel
Status	Check the current issue before design use.

Part numbers

.086-56 8 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-02-10	.086	1	Free running
NAS1130-02L10	.086	1	Self-locking
NAS1130-02-15	.129	1.5	Free running
NAS1130-02L15	.129	1.5	Self-locking
NAS1130-02-20	.172	2	Free running
NAS1130-02L20	.172	2	Self-locking
NAS1130-02-25	.215	2.5	Free running
NAS1130-02-30	.258	3	Free running

.112-40 8 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-04-10	.112	1	Free running
NAS1130-04L10	.112	1	Self-locking
NAS1130-04-15	.168	1.5	Free running
NAS1130-04L15	.168	1.5	Self-locking
NAS1130-04-20	.224	2	Free running
NAS1130-04L20	.224	2	Self-locking
NAS1130-04-25	.280	2.5	Free running
NAS1130-04-30	.336	3	Free running

.138-32 9 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-06-10	.138	1	Free running
NAS1130-06L10	.138	1	Self-locking
NAS1130-06-15	.207	1.5	Free running
NAS1130-06L15	.207	1.5	Self-locking
NAS1130-06-20	.276	2	Free running
NAS1130-06L20	.276	2	Self-locking
NAS1130-06-25	.345	2.5	Free running
NAS1130-06-30	.414	3	Free running
NAS1130-06L30	.414	3	Self-locking

.164-32 8 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-08-10	.164	1	Free running
NAS1130-08L10	.164	1	Self-locking
NAS1130-08-15	.246	1.5	Free running
NAS1130-08L15	.246	1.5	Self-locking
NAS1130-08-20	.328	2	Free running
NAS1130-08-25	.410	2.5	Free running
NAS1130-08L25	.410	2.5	Self-locking
NAS1130-08-30	.492	3	Free running

.190-32 10 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-3-10	.190	1	Free running
NAS1130-3L10	.190	1	Self-locking
NAS1130-3-15	.285	1.5	Free running
NAS1130-3L15	.285	1.5	Self-locking
NAS1130-3-20	.380	2	Free running
NAS1130-3L20	.380	2	Self-locking
NAS1130-3-25	.475	2.5	Free running
NAS1130-3L25	.475	2.5	Self-locking
NAS1130-3-30	.570	3	Free running
NAS1130-3L30	.570	3	Self-locking

.250-20 7 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-4-10	.250	1	Free running
NAS1130-4L10	.250	1	Self-locking
NAS1130-4-15	.375	1.5	Free running
NAS1130-4L15	.375	1.5	Self-locking
NAS1130-4-20	.500	2	Free running
NAS1130-4-25	.625	2.5	Free running
NAS1130-4-30	.750	3	Free running

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

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.250-28 9 part numbers

Part no.	Nominal length, in	Length, x diameter	Type
NAS1130-4F10	.250	1	Free running
NAS1130-4FL10	.250	1	Self-locking
NAS1130-4F15	.375	1.5	Free running
NAS1130-4FL15	.375	1.5	Self-locking
NAS1130-4F20	.500	2	Free running
NAS1130-4FL20	.500	2	Self-locking
NAS1130-4F25	.625	2.5	Free running
NAS1130-4F30	.750	3	Free running
NAS1130-4FL30	.750	3	Self-locking

How to read the part number

Part	Meaning
Format	NAS1130-<size>-<length>
L	Letter: After the first dash number: self-locking (no letter: free running)
D	Letter: After the second dash number: dry film lubricant
P	Letter: After the second dash number: cadmium plating
F	Letter: In the 4F series: .250-28 fine thread
Example	NAS1130-04-10 — Free running, .112-40, 1 x diameter long

Notes

- No letter after the first dash number: free running; L after the first dash number: self-locking. Add D after the second dash number for dry film lubricant, P for cadmium plating; no letter: no finish.
- Colour identification: no finish, free running: none; no finish, self-locking: red (dye); dry film lube, free running: dark gray; dry film lube, self-locking: dark.
- Lengths are nominal and for reference only. Part numbers marked with a dash in the listing (self-locking not available) are not shown.

SOURCES · NAS1130 — Insert, Screw Thread, Helical Coil, Tangless, Free Running and Self-Locking, Type 304 Corrosion-Resistant Steel

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/inserts/nas1130/

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