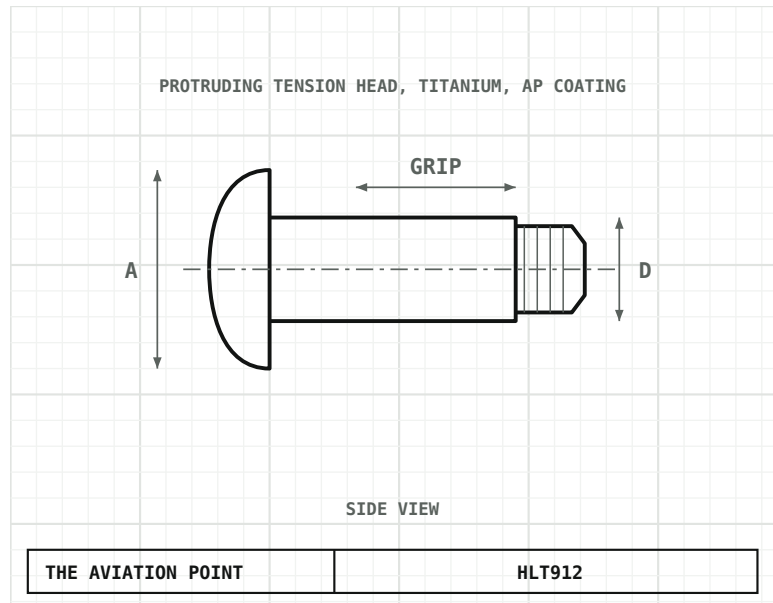
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HLT912 pin — protruding tension head, titanium, AP coating

Hi-Lok Pin, Protruding Tension Head, Titanium, AP Hi-Kote 1: dimensions by size, strength and every listed part number.



HLT912



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Hi-Lok pin, protruding tension head, titanium
Material	Titanium
Strength	95,000 psi shear min.; 160,000 psi tensile min.
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	8-32UNJC-3A Modified	10-32-UNJF-3A Modified
Nominal diameter	5/32	3/16
A — Head diameter (max / min)	.322 - .306	.377 - .357
B — Ref. (see drawing)	.328	.341
D — Shank diameter (max / min)	.1635 - .1625	.1895 - .1885
TD — Threaded-end diameter (max / min)	.1595 - .1570	.1840 - .1810
G — G, ref.	.030	.035
H — H (max / min, see drawing)	.065 - .055	.074 - .064
Thread	8-32UNJC-3A Modified	10-32-UNJF-3A Modified
Double shear, lb min	4,010	5,380
Tension, lb min	2,180	3,180

Dimensions as tabulated in the catalogue, by first dash number (nominal diameter). Max - min where a tolerance is shown.

Part numbers

5/32 6 part numbers

Part no.	Max grip, in
HLT912AP5-3	3/16
HLT912AP5-4	1/4
HLT912AP5-5	5/16
HLT912AP5-6	3/8
HLT912AP5-7	7/16
HLT912AP5-8	1/2

3/16 6 part numbers

Part no.	Max grip, in
HLT912AP6-3	3/16
HLT912AP6-4	1/4
HLT912AP6-5	5/16
HLT912AP6-6	3/8
HLT912AP6-7	7/16
HLT912AP6-8	1/2

How to read the part number

Part	Meaning
Format	HLT912AP<dash>
Example	HLT912AP5-3 — 5/32 nominal diameter, max grip 3/16 in

Notes

- Titanium, 1/16 in grip variation. Hi-Kote 1 aluminum coating (AP) per Hi-Shear spec. 294 and cetyl alcohol lube per Hi-Shear spec. 305.
- Approved data governs. Use the pin the drawing, SRM or IPC calls for.
- Grip: the number after the second dash is the max grip in 1/16 in (dash -2 = 1/8 in, -3 = 3/16 in, and so on). Maximum-minimum values are shown as max - min.

SOURCES · HLT912 — Hi-Lok Pin, Protruding Tension Head, Titanium, AP Hi-Kote 1

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/hi-lok/hlt912/