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Visu-Lok Blind Bolts: Part Number, Hole, Oversize and Grip

Part number · hole and oversize · grip · installation · equivalents

Standard and 1/64 in oversize hole, with the drill

Dash	Body, in	Hole, in	Drill	Oversize body, in	Oversize hole, in	Oversize drill
-05	.1635	0.165–0.168	#19	.179	0.180–0.183	#14
-06	.1980	0.199–0.202	#7	.214	0.215–0.218	no standard drill inside: ream
-08	.2590	0.260–0.263	G	.275	0.276–0.279	J
-10	.3105	0.312–0.315	5/16	.326	0.327–0.330	21/64
-12	.3735	0.375–0.378	V	.389	0.390–0.393	25/64

Key points

- **PLT110** 100° flush, **PLT210** protruding hex; **PLT111 / PLT211** are the 1/64 in oversize.
- **Two dashes:** diameter (-05 to -12) and grip in sixteenths of an inch.
- **Close-tolerance holes:** drill inside the table, gauge, ream if needed.
- **Stem does not break flush:** shave it where flush is required.
- **Crossed with** NAS1669, NAS1670, NAS1750 and NAS1751.

Step by step

1. Drill to the hole in the table; gauge; ream if needed.
2. Measure the stack with the grip gauge.
3. Insert; tool over the screw and nut.
4. Hold the nut, turn the screw until it breaks.
5. Shave the stem where flush is required.

SOURCES · PLT110 Rev. P, PLT111 Rev. R, PLT210 Rev. L, PLT211 Rev. P · FAA-H-8083-31B, Aviation Maintenance Technician Handbook, Airframe, chapter 4 · Howmet blind bolts

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Educational reference only, not approved data. Always consult the applicable SRM, AMM, or AC 43.13-1B and your certifying authority.

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