THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM

H704-NP — straight pulling head for Cherry Rivetless NutPlate

Rivetless Nut Plate Pulling Head.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Weight	0.25 lb (0.11 kg)
Tool sheet	TS-H704-()NP, Rev. D, 06/20/08

Part numbers

Pulling head 7 part numbers

Part no.
H704-223NP
H704-249NP
H704-280NP
H704-295NP
H704-311NP
H704-343NP
H704-358NP

What it installs as supplied

Fastener	Diameter	Note
Cherry Rivetless NutPlate (RNP), short stem and standard	any size under 5/16" with correct nose piece	select by installation hole diameter (Table 1)

Riveters

Riveter	Adapter	Note
G704B	—	Cherry Riveter
G750A	750A-088	Cherry Hand Riveter

Reconfiguration: nosepiece, jaws and follower

Fastener	Pulling head	Nosepiece	Note
Rivetless NutPlate, hole .223" Min	H704-223NP	652-162	insert 652-163
Rivetless NutPlate, hole .249" Min	H704-249NP	652-117	insert 652-120
Rivetless NutPlate, hole .280" Min	H704-280NP	652-118	insert 652-121
Rivetless NutPlate, hole .295" Min	H704-295NP	652-132	insert 652-133
Rivetless NutPlate, hole .311" Min	H704-311NP	652-119	insert 652-122
Rivetless NutPlate, hole .343" Min	H704-343NP	652-126	insert 652-127
Rivetless NutPlate, hole .358" Min	H704-358NP	652-135	insert 652-136

Cherry's Table 1. Change these parts to install the other fasteners.

Parts list

Item	Part number	Description	Qty
1	747-042	DRAWBAR	1
2	P1442	COMPRESSION SPRING	1
3	652-116	JAW FOLLOWER	1
4	652-043	JAW SET	1
5	652-115	COLLET	1
6	671A16	JAM NUT	1
7	652-114	SLEEVE	1
8	See Table 1	INSERT	1
9	See Table 1	NOSE PIECE	1

Notes

- Installation hole diameters are minimums.
- Collet assembly = items 1-5 (drawbar, spring, jaw follower, jaw set, collet); Sleeve assembly = items 6-9.
- Consult Standards Page for hole preparation.
- Clean nose piece, jaw set and collet every 1,000 installations or on failure; wire brush to clean copper deposited inside jaw set. Lubricate outside of jaw set with Lubriplate. Loctite 242 (removable) on nose piece and collet threads when re-assembling.

SOURCES · Cherry Aerospace, Tool Sheet TS-H704-NP, Rev. D, 06/20/08

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h704-np/

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