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H753A-280NP-2.1 — right angle pulling head

Rivetless Nut Plate Right Angle Pulling Head.

Specification

Item	Value
Type	Right angle pulling head
Maker	Cherry Aerospace
Weight	1.30 lb (0.59 kg)
Tool sheet	TS-H753A-280NP-2.1, 6/18/12

Part numbers

Part no.	Size
H753A-280NP-2.1	Pulling head

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
Rivetless Nutplates for metallic structures	—	in holes of dia .280 min

Riveters

Riveter	Adapter	Note
G704B	—	Cherry riveter
G800	—	Cherry hand riveter (G750A hand riveters also mentioned in mounting: release pressure, use correct adaptors)

Parts list

Item	Part number	Description	Qty
1	975-037	SLEEVE	1
2	975-026	PILOT INSERT	1
3	753A13A	COLLET	1
4	975-014	JAW SET	1
5	975-038	JAW FOLLOWER, EXT	1
6	P-1319	SPRING	1
7	975-036	DRAWBAR EXTENSION	1
8	975-019	FRAME	1
9	975-018	COLLET BOLT	1
10	P-413	BUTTON HEAD SCREW	1
11	753A16	GUARD	1

Item	Part number	Description	Qty
12	753B5	LEVER	1
13	753A10	PIVOT PIN	2
14	P-930	SET SCREW	2
15	753B6	BELL CRANK	1
16	P-954	LINK	8
17	753A9	LINK PIN	4
18	753A11	GUIDE PIN	1
19	975-021	DRAWBOLT	1
20	975-020	ADAPTER FITTING	1
21	671A16	JAM NUT	1

Notes

- No installations if tooling worn or damaged (sleeve and pilot).
- Mounting: push collet bolt assembly forward; hold forward, engage 1 or 2 threads of drawbolt (19) onto riveter head piston before threading adapter fitting (20) into riveter head cylinder; turn clockwise until snug; rotate head to desired position and tighten jam nut (21); cycle tool.
- Clean sleeve, pilot, jaw set and collet every 1,000 installations or on failures; use wire brush to clean copper deposited inside jaw set. Lubricate outside of jaw set with Lubriplate or similar.

SOURCES · Cherry Aerospace, Tool Sheet TS-H753A-280NP-2.1, 6/18/12

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h753a-280np-2.1/

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

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