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H753A-249NP — right angle pulling head

Rivetless Nut Plate Right Angle Pulling Head.

Specification

Item	Value
Type	Right angle pulling head
Maker	Cherry Aerospace
Weight	1.20 lb (0.54 kg)
Tool sheet	TS-H753A-249NP, 1/13/12

Part numbers

Part no.	Size
H753A-249NP	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 dia .249 min.

Riveters

Riveter	Adapter	Note
G704B	—	
G800	—	hand riveter; for hand powered riveters (G750A) pressure must be released and correct adaptors used

Parts list

Item	Part number	Description	Qty
1	975-045	SLEEVE	1
2	975-046	PILOT INSERT	1
3	975-019	FRAME	1
4	753A13A	COLLET	1
5	975-014	JAW SET	1
6	975-017	JAW FOLLOWER	1
7	P-1319	SPRING	1
8	975-018	COLLET BOLT	1
9	P-413	BUTTON HEAD SCREW	1
10	753A16	GUARD	1

Item	Part number	Description	Qty
11	753B5	LEVER	1
12	753A10	PIVOT PIN	2
13	P-930	SET SCREW	2
14	753B6	BELL CRANK	1
15	P-954	LINK	8
16	753A9	LINK PIN	4
17	753A11	GUIDE PIN	1
18	975-021	DRAWBOLT	1
19	975-020	ADAPTER FITTING	1
20	671A16	JAM NUT	1

Notes

- Before use make sure sleeve and pilot are in working condition; no installations with worn or damaged tooling.
- Push collet bolt assembly forward before mounting; engage 1-2 threads of drawbolt (18) onto piston before threading adapter fitting (19); tighten jam nut (20).
- Clean sleeve, pilot, jaw set and collet every 1,000 installations or on failure; use wire brush to clean copper deposited inside jaw set. Lubricate outside of jaw set with Lubriplate or similar light lubricant. Re-assembly: lubricate outside of pilot insert with O-ring lubricant; oil/grease all sliding surfaces with Lubriplate; Loctite 242 (removable) on sleeve and collet threads.

SOURCES · Cherry Aerospace, Tool Sheet TS-H753A-249NP, 1/13/12

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h753a-249np/

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