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HD800 — straight pulling head

Compact Universal Heavy Duty Pulling Head for the G800 riveter.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Weight	0.2 lb (0.09 kg)
Tool sheet	TS-HD800, Rev. A, 27 Oct 11

Part numbers

3/16 in (-6) 2 part numbers

Part no.
HD800-6MB
HD800-6MBU

1/4 in (-8) 4 part numbers

Part no.
HD800-8
HD800-8A
HD800-8MB
HD800-8MBU

Riveters

Riveter	Adapter	Note
G800	—	hand riveter

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws	Note
CherryMAX 'AB' -8 (all materials), 8 Dia MB Plus	8	652-035	652-043	pulling head assembly HD800-8
CherryLOCK 'A' code	8	652-024	652-043	pulling head assembly HD800-8A
MAXIBOLT -8 'S' type	8	652-035	865C25	assembly HD800-8MB
MAXIBOLT -8 'U' type	8	652-179	865C25	assembly HD800-8MBU
MAXIBOLT -6 'U' type / 'S' type AFS	6	652-178	744C76	assembly HD800-6MBU
MAXIBOLT -6 'S' type Cherry	6	652-038	744C76	assembly HD800-6MB

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

Parts list

Item	Part number	Description	Qty
1	TABLE 1	Nosepiece	1
2	800-038	Sleeve	1
3	652-030	Collet	1
4	TABLE 1	Jaws	1 set
5	652-031	Jaw follower	1
6	P1425	Spring	1
7	800-039	Drawbar	1
8	753A15	Stem Stop	1
9	P-1483	Compression Spring	1

Notes

- Replace items 1 and 4 per the fastener to install (Table 1)
- Mounting: depress pressure release button of riveter, ensure piston fully returned; place stem stop & spring inside riveter piston (watch stem stop orientation); thread and tighten collet assembly onto riveter piston.
- Jaws: 652-043 for HD800-8 and HD800-8A; 865C25 for HD800-8MB and -8MBU; 744C76 for HD800-6MBU and -6MB
- Clean and inspect nosepiece, jaw and collet spring every 1000 installations or whenever a failure occurs. Lubricate outside of jaws with Lubriplate or similar light grease. Loctite 242 on threaded components. Watch stem stop (item 8) position/orientation on reassembly.

SOURCES · Cherry Aerospace, Tool Sheet TS-HD800, Rev. A, 27 Oct 11

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/hd800/

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