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H828-5MB — right angle pulling head for BlindBolt

Right Angle Pulling Head for BlindBolt (MAXIBOLT) fasteners.

Specification

Item	Value
Type	Right angle pulling head
Maker	Cherry Aerospace
Weight	2.1 lb (0.95 kg)
Tool sheet	TS-H828-5MB, Rev. B, 12/14/07

Part numbers

Part no.	Size
H828-5MB	5/32 in (-5)

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
BlindBolt (MAXIBOLT) 'U' or 'S' type	-5	designed to install -5 diameter Blind Bolt (MAXIBOLT) fasteners

Riveters

Riveter	Adapter	Note
G744	—	no adaptation necessary
G83 / G84	744-200	remove bayonet mount, thread adapter 744-200 onto pulling head

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws	Jaw follower	Note
BlindBolt/MAXIBOLT -5 'U' type	-5	828-035	744C75	828B21	-5MB jaws set of 3
BlindBolt/MAXIBOLT -5 'S' type	-5	828B22	744C75	828B21	-5MB jaws set of 3

Change these parts to install the other fasteners.

Parts list

Item	Part number	Description	Qty
1	828B22	-5 Nosepiece 'S' type	1
1	828-035	-5 Nosepiece 'U' type	1
2	828C8	Sleeve	1
3	828C9	Collet	1
4	744C75	-5MB Jaws (set of 3)	1
5	828B21	Jaw Follower	1
6	828A12	Compression Spring	1
7	828B11	Guide Button	1
8	828B2	Frame	1
9	828B7	Adapter Fitting	1

Item	Part number	Description	Qty
10	642A64	Jam Nut	1
11	828B13	Pivot Pin Assembly	2
12	828B5	Drawbolt	1
13	828B14	Link Pin	6
14	828B15	Link Plate (set of 4)	3
15	828B4	Bell Crank	1
16	P-930	Set Screw	2
17	828B3	Lever	1
18	828B6	Collet Bolt	1

Notes

- Remove broken stem by hand after each installation; if stems stick the jaws do not open enough (check mounting).
- Push drawbolt assembly forward before mounting; use jam-nut to lock pulling head.
- Appropriate nose piece 'U' or 'S' type - see component table.
- Inspect active area regularly; clean insert, jaws and jaw cavity inside collet every 1,000 installations; lubricate outside of jaws with Lubriplate or similar light grease; Loctite 242 (removable) on threaded components as shown; at assembly thread set-screws (item 16) tightly then back off 1/4 turn.

SOURCES · Cherry Aerospace, Tool Sheet TS-H828-5MB, Rev. B, 12/14/07

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h828-5mb/

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