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H829-56MBPS — right angle pulling head

Compact Right Angle Pulling Head for CherryMAX and MAXIBOLT Plus Fasteners.

Specification

Item	Value
Type	Right angle pulling head
Maker	Cherry Aerospace
Weight	2.1 lb (0.95 kg)
Tool sheet	TS-H829-56MBPS, 8-20-15

Part numbers

Part no.	Size
H829-56MBPS	Pulling head

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
MAXIBOLT Plus, CherryMAX and EN BlindBolts	-5, -6	-5 and -6 diameter
CherryMAX, CherryMAX AB (including all aluminum) and NAS1900 'U' type (shift washer type)	-6	-6 diameter

Riveters

Riveter	Adapter	Note
G83A	—	mounts directly on bayonet mount
G84	—	mounts directly on bayonet mount
G84-LS	744-700	

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws	Note
BlindBolt (MAXIBOLT) 'S' type -5	-5	828B22	744C75	components sold separately
BlindBolt (MAXIBOLT) 'U' type -5	-5	828B24	744C75	components sold separately
BlindBolt (MAXIBOLT) 'S' type -6	-6	828B23	744C76	components sold separately
BlindBolt (MAXIBOLT) 'U' type -6	-6	828B25	744C76	components sold separately

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

Parts list

Item	Part number	Description	Qty
1	828-062	Nosepiece	1
2	828-060	Sleeve	1
3	828-061	Collet	1
4	652-043	Jaws (set of 3)	1
5	828-059	Jaw Follower	1
6	P1381	Compression Spring	1
7	828-065	Stem Stop	1
8	828-058	Drawbar	1
9	828-056	Lever	1
10	P930	Set Screw	2

Item	Part number	Description	Qty
11	828B15	Link Plate	2
12	828B14	Link Pin	4
13	828B4	Bell Crank Link	1
14	828-053	Large Pivot Pin	2
15	828-064	Drawbolt	1
16	828-063	Frame Adapter	1
17	642A64	Jam Nut	1
18	190-005	Bayonet Swivel	1
19	828-057	Machined Frame	1

Notes

- Table 1 (Nosepieces and Jaws): BlindBolt (MAXIBOLT) DIA -5: jaw set 744C75, nosepiece 'S' 828B22, 'U' 828B24; DIA -6: jaw set 744C76, nosepiece 'S' 828B23, 'U' 828B25.
- As supplied (items 1 nosepiece 828-062, jaws 652-043) installs MAXIBOLT Plus/CherryMAX/EN BlindBolts -5,-6 etc.
- Mount: engage drawbolt (15) with riveter piston and thread in all the way; push head to riveter bayonet and rotate; jam nut locks position.
- Remove broken stems by hand after each installation.
- Inspect active area regularly; clean insert, jaws and jaw cavity inside collet every 1,000 installations; lubricate jaws and other internal moving components with Lubriplate or similar light grease; assemble jam nut (17) BEFORE bayonet swivel (18) (swivel stays trapped, damaged on removal); Loctite 242 (removable) on all threaded components and on the bayonet swivel.

SOURCES · Cherry Aerospace, Tool Sheet TS-H829-56MBPS, 8-20-15

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h829-56mbps/

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