THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT

H828-56MBPS — right angle pulling head for MAXIBOLT Plus and EN BlindBolts

Right Angle Pulling Head for MAXIBOLT Plus fasteners.

Specification

Item	Value
Type	Right angle pulling head
Maker	Cherry Aerospace
Weight	2.1 lb (0.95 kg)
Tool sheet	TS-H828-56MBPS, Rev. A, 11/13/07

Part numbers

Part no.	Size
H828-56MBPS	Pulling head

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
MAXIBOLT Plus and EN BlindBolts	5, 6	supplied config: nosepiece 828-049, jaws 652-043 (parts list)

Riveters

Riveter	Adapter	Note
G744	—	no adaptation necessary
G83	744-200	
G84	744-200	

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws
BlindBolt 'S' type (standard blindbolts)	5	828B22	744C75
BlindBolt 'U' type (standard blindbolts)	5	828B24	744C75
BlindBolt 'S' type (standard blindbolts)	6	828B23	744C76
BlindBolt 'U' type (standard blindbolts)	6	828B25	744C76

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

Parts list

Item	Part number	Description	Qty
1	828-049	NOSEPIECE	1
2	828-047	SLEEVE	1
3	828-046	COLLET	1
4	652-043	JAWS (SET OF 3)	1
5	828-048	JAW FOLLOWER	1
6	P-1442	COMPRESSION SPRING	1
7	828C2-2	FRAME	1
8	828B7	ADAPTER FITTING	1
9	642A64	JAM NUT	1

Item	Part number	Description	Qty
10	828B13	PIVOT PIN ASSEMBLY	2
11	828B5	DRAWBOLT	1
12	828B14	LINK PIN	6
13	828B15	LINK PLATES (SET OF 4)	3
14	828B4	BELL CRANK	1
15	P-930	SET SCREW	2
16	828B3	LEVER	1
17	828-045	COLLET BOLT	1

Notes

- Table 1 (to install standard BlindBolts): DIA -5 jaw set 744C75, nose piece 'S' 828B22 / 'U' 828B24; DIA -6 jaw set 744C76, nose piece 'S' 828B23 / 'U' 828B25.
- Extend active area by 1": purchase Adapter Kit 975-008 (2 components): thread component A (975-007 Extended Bolt) into Collet Bolt (828-045); replace sleeve 828-047 with component A (975-006); Loctite 242.
- Spent stems: remove broken stem by hand after each installation; if stuck, jaws do not open enough (check mounting).
- Clean insert, jaws and jaw cavity inside collet every 1,000 installations. Lubricate outside of jaws with Lubriplate. Loctite 242 (removable) on threaded components as shown. At assembly thread set screws tightly, then back off 1/4 turn.

SOURCES · Cherry Aerospace, Tool Sheet TS-H828-56MBPS, Rev. A, 11/13/07

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h828-56mbps/

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

THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT