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H753A-456 — right angle pulling head for CherryMAX and CherryMAX AB

Universal 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-456, Rev. E, 12/19/14

Part numbers

Part no.	Size
H753A-456	-4, -5, -6

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
CherryMAX and CherryMAX AB	4, 5, 6	except 6 all aluminum
MAXIBOLT 'S' type	4, 5	
MBC Lock Creator	4, 5, 6	
CR1919 and CR1921 'U' type (NAS1900 with a shift washer)	4, 5	

Riveters

Riveter	Adapter	Note
G746A	—	hydro-pneumatic
G747	—	hydro-pneumatic
G704B	—	hydro-pneumatic
G800	—	hand powered

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws	Jaw follower	Stem stop	Note
Washer type CR1919, CR1921 (NAS1900)	4, 5, & 6	782-6AL	782-010	886-002	886-007	
CherryMAX 'AB', all aluminum	6	782-6AL	782-010	886-002	886-007	
CR1919, CR1921 (NAS1900) - no washer	4	782-4NAS				See parts list for jaw/follower/stem stop
CR1919, CR1921 (NAS1900) - no washer	5	782-5NAS				See parts list for jaw/follower/stem stop
CR1919, CR1921 (NAS1900) - no washer	6	782-6NAS	782-010	886-002		
Standard MBC	4	783-4MBC			886-007	
Standard MBC	5	782-5MBC			886-007	
Standard MBC	6	782-6MBC	782-010	886-002	886-007	
CherryLOCK 'A'	3	886-003				See parts list
CherryLOCK 'A'	3	782-3E				Note 1: extended nosepiece for hard-to-reach holes (Fig 2, .168 / 5/32). See parts list
CherryLOCK 'A'	4	886-004				See parts list
CherryLOCK 'A'	5	886-005			886-008	See parts list for jaw/follower
CherryLOCK 'A'	6	886-006	782-010	886-002	886-007	
3/32" SPR & nut plate rivets	3	782-3				See parts list
MAXIBOLT 'U' type	5	782-5BB				See parts list

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

Parts list

Item	Part number	Description	Qty
1	753C12-2	Nose Piece (Table 1)	1
2	753B12-1	Sleeve	1
3	G6JN	Jam Nut	1

Item	Part number	Description	Qty
10	P706	0-ring	2
11	753C2-3	Frame	1
12	753A4	Shoe Bearing	2

Item	Part number	Description	Qty
19	753A9	Link Pin	4
20	P954	Link	8
21	753B6	Bell Crank	1

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

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Item	Part number	Description	Qty
4	753A13A	Collet	1
5	701B18	Jaws	1 set
6	753A14A	Jaw Follower	1
7	P293	O-ring	1
8	P-1003	Spring	1
9	753A15	Stem Stop	1
13	753B3	Collet Bolt	1
14	753B5	Lever	1
15	P-413	Button Head Screw	1
16	P-930	Set Screw	2
17	753A16	Guard	1
18	753A10	Pivot Pin	2
22	753A11	Guide Pin	1
23	753A7	Drawbolt	1
24	753B8	Adapter Fitting	1
25	671A16	Jam Nut	1

Notes

- Note 1: This nose piece is extended for use in hard to reach holes; see Figure 2
- Note 2: Remove the component provided with the tool and replace with this one
- Mounting: attach riveter to air source; push collet bolt assembly forward; while holding it forward engage one to two drawbolt threads (item 23) onto riveter piston; engage adaptor and thread in all the way, orient as needed, lock with Jam Nut.
- May be configured to install a wide range of fasteners; suggested components purchased separately (Table 1).
- Clean and inspect nosepiece, jaws, collet & spring every 1000 installations or whenever a failure occurs; replace spring and jaws if worn. Lubricate outside of jaws with Lubriplate or similar light grease. Use Loctite 242 (removable) on all threaded components except as shown. Align jaws with jaw follower on reassembly (items 5 and 6).

SOURCES · Cherry Aerospace, Tool Sheet TS-H753A-456, Rev. E, 12/19/14

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h753a-456/

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