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H747-456 — straight pulling head for CherryMAX, CherryMAX AB

Compact Universal Straight Pulling Head.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Weight	0.15 lb (0.07 kg)
Tool sheet	TS-H747-456, Rev. D, 26 Mar 15

Part numbers

Part no.	Size
H747-456	-4, -5, -6

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
CherryMAX, CherryMAX AB	-4, -5, -6	except 6 all aluminum; also Blindbolt S -04/-05, MBC Lock Creator -4/-5/-6, NAS1900 U -4/-5 (nosepiece 782-456, jaw 701B18, follower 753A14A)

Riveters

Riveter	Adapter	Note
G746A	—	1850 Lbs @ 90 PSI, 7/8" stroke
G747	—	2100 Lbs @ 90 PSI, 7/16 stroke
G704B	—	3100 Lbs @ 90 PSI, 1/2" stroke
G800	—	4200 Lbs, 3/4" stroke, hand powered

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws	Jaw follower
As supplied	-4, -5, -6 (S: -04/-05; U: -4/-5)	782-456	701B18	753A14A
CherryLOCK 'A' Code	-4	886-004	701B18	753A14A
CherryLOCK 'A' Code	-5	886-005	701B18	753A14A
NAS1900 (no shift washer)	-4	782-4NAS	701B18	753A14A
NAS1900 (no shift washer)	-5	782-5NAS	701B18	753A14A
Blindbolt 'U' Type	-05	782-5BB	701B18	753A14A
Standard MBC	-4	783-4MBC	701B18	753A14A
Standard MBC	-5	782-5MBC	701B18	753A14A
CherryLOCK 'A' Code	3	886-003	701B18	955-011
Extended 3 dia. CherryLOCK 'A' Code (see Fig. 3)	3	782-3E	701B18	955-011
3/32" SPR & -3 pull thru NP Rivets	3	782-3	701B18	955-011
CherryLOCK 'A' Code	6	886-006	782-010	886-002
Standard MBC	-6	782-6MBC	782-010	886-002
CherryMAX 'AB' -6 Alum; NAS1900 'U' Type -4, -5, -6	-6 (AB); -4,-5,-6 (U)	782-6AL	782-010	886-002
NAS1900 (no shift washer)	-6	782-6NAS	782-010	886-002

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

Parts list

Item	Part number	Description	Qty
1	782-456	Nosepiece (see table 1)	1
2	800-033	Sleeve	1
3	671A16	Jam Nut	1
4	753A13A	Collet	1
5	701B18	Jaw Set (see table 1)	1
6	753A14A	Jaw Follower (see table 1)	1
7	800-032	Drawbar	1
8	P-1483	Compression Spring	1

Notes

- Items 1, 5 & 6 are fastener type and size dependent (Table 1).
- Jaw follower 955-011 is necessary for smaller diameter fasteners to prevent stem shingling.
- Jaws adjustable to hold stem at all times or fully release it (sleeve threaded in/out, lock with jam nut).

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

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- 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. Loctite 242 (removable) on all threaded components except as shown (do not apply on marked threads).

SOURCES · Cherry Aerospace, Tool Sheet TS-H747-456, Rev. D, 26 Mar 15

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h747-456/

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