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# H690 — right angle pulling head

Right Angle Pulling Head for 2000 Series CherryLOCK.

## Specification

| Item | Value |
|---|---|
| Type | Right angle pulling head |
| Maker | Cherry Aerospace |
| Tool sheet | TS-H690, Rev. A, 02/05/07 |

## Part numbers

**1/8 in (-4)** 2 part numbers

| Part no. |
|---|
| H690-4C |
| H690-4U |

**3/16 in (-6)** 2 part numbers

| Part no. |
|---|
| H690-6C |
| H690-6U |

**5/32 in (-5)** 2 part numbers

| Part no. |
|---|
| H690-5C |
| H690-5U |

**1/4 in (-8)** 2 part numbers

| Part no. |
|---|
| H690-8C |
| H690-8U |

## What it installs as supplied

| Fastener | Diameter | Note |
|---|---|---|
| CherryLOCK 2000 series 1/8" universal head | 1/8 | pulling head H690-4U (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 1/8" countersunk head | 1/8 | pulling head H690-4C (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 5/32" universal head | 5/32 | pulling head H690-5U (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 5/32" countersunk head | 5/32 | pulling head H690-5C (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 3/16" universal head | 3/16 | pulling head H690-6U (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 3/16" countersunk head | 3/16 | pulling head H690-6C (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 1/4" universal head | 1/4 | pulling head H690-8U (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |
| CherryLOCK 2000 series 1/4" countersunk head | 1/4 | pulling head H690-8C (also available with 9/16, 15/16 or 1 1/2 extension, add length to part number e.g. H690-4U-15/16) |

## Riveters

| Riveter | Adapter | Note |
|---|---|---|
| G-695 | — | heads fit directly onto Cherry G-695 Right Angle Riveters |

## Parts list

| Item | Part number | Description | Qty |
|---|---|---|---|
| 1 | 690B9-4U | Nose (H690-4U) | 1 |
| 1 | 690B15-4C | Nose (H690-4C) | 1 |
| 1 | 690B9-5U | Nose (H690-5U) | 1 |
| 1 | 690B15-5C | Nose (H690-5C) | 1 |
| 1 | 690B9-6U | Nose (H690-6U) | 1 |
| 1 | 690B15-6C | Nose (H690-6C) | 1 |
| 1 | 690B9-8U | Nose (H690-8U) | 1 |
| 1 | 690B15-8C | Nose (H690-8C) | 1 |
| 2 | 690B7-4 | Anvil (H690-4U) | 1 |
| 2 | 690B7-4 | Anvil (H690-4C) | 1 |
| 2 | 690B7-5 | Anvil (H690-5U) | 1 |
| 2 | 690B7-5 | Anvil (H690-5C) | 1 |
| 2 | 690B7-6 | Anvil (H690-6U) | 1 |
| 2 | 690B7-6 | Anvil (H690-6C) | 1 |
| 2 | 690B7-8 | Anvil (H690-8U) | 1 |
| 2 | 690B7-8 | Anvil (H690-8C) | 1 |

| Item | Part number | Description | Qty |
|---|---|---|---|
| 3 | 690B6 | Jaw Holder (H690-4U) | 1 |
| 3 | 690B6 | Jaw Holder (H690-4C) | 1 |
| 3 | 690B6 | Jaw Holder (H690-5U) | 1 |
| 3 | 690B6 | Jaw Holder (H690-5C) | 1 |
| 3 | 690B6 | Jaw Holder (H690-6U) | 1 |
| 3 | 690B6 | Jaw Holder (H690-6C) | 1 |
| 3 | 690B6 | Jaw Holder (H690-8U) | 1 |
| 3 | 690B6 | Jaw Holder (H690-8C) | 1 |
| 4 | 690B10-4 | Jaws (pair) (H690-4U) | 1 |
| 4 | 690B10-4 | Jaws (pair) (H690-4C) | 1 |
| 4 | 690B10-5 | Jaws (pair) (H690-5U) | 1 |
| 4 | 690B10-5 | Jaws (pair) (H690-5C) | 1 |
| 4 | 690B10-6 | Jaws (pair) (H690-6U) | 1 |
| 4 | 690B10-6 | Jaws (pair) (H690-6C) | 1 |
| 4 | 690B10-8 | Jaws (pair) (H690-8U) | 1 |
| 4 | 690B10-8 | Jaws (pair) (H690-8C) | 1 |

| Item | Part number | Description | Qty |
|---|---|---|---|
| 5 | P-251 | Retaining Ring (H690-4U) | 1 |
| 5 | P-251 | Retaining Ring (H690-4C) | 1 |
| 5 | P-251 | Retaining Ring (H690-5U) | 1 |
| 5 | P-251 | Retaining Ring (H690-5C) | 1 |
| 5 | P-251 | Retaining Ring (H690-6U) | 1 |
| 5 | P-251 | Retaining Ring (H690-6C) | 1 |
| 5 | P-251 | Retaining Ring (H690-8U) | 1 |
| 5 | P-251 | Retaining Ring (H690-8C) | 1 |
| 6 | 690A17 | Follower (H690-4U) | 1 |
| 6 | 690A17 | Follower (H690-4C) | 1 |
| 6 | 690A17 | Follower (H690-5U) | 1 |
| 6 | 690A17 | Follower (H690-5C) | 1 |
| 6 | 690A17 | Follower (H690-6U) | 1 |
| 6 | 690A17 | Follower (H690-6C) | 1 |
| 6 | 690A17 | Follower (H690-8U) | 1 |
| 6 | 690A17 | Follower (H690-8C) | 1 |

Cherry's sheet misprints the nose of the H690-5C 9/16, so it is left blank: ask Cherry before ordering.

**Showing 48 of 160 rows. Complete table: theaviationpoint.com/parts/tools/h690/**

## Notes

- Separate pulling head required for each head style (universal or countersunk) and each shank diameter of CherryLOCK rivets.
- H690 pulling heads do not eject the spent stems.



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

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- Available in 9/16", 15/16" and 1 1/2" extensions; to order add length to part number e.g. H690-4U-15/16".
- Mounting: lock ring anvil (B) into nose piece (C), pry bottom leaf spring open; jaw holder assembly (A) into upper frame with flat wrench 690A62 until ~1/16" protrudes; set screw (20) not tightened until adjusted.
- Keep head clean, especially riveting end (adhesives, chips, sealants clog jaw serrations); top of lock ring anvil must be kept clean. Adjust with gages 628-4 (1/8 green), 628-5 (5/32 red), 628-6 (3/16 blue), 628-8 (1/4 plain). Install a few rivets in test plates before production.

**SOURCES** · Cherry Aerospace, Tool Sheet TS-H690, Rev. A, 02/05/07

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h690/



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