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# G87D — heavy duty lockbolt riveter, 9,500 lb pull

Cherry's heavy duty riveter with hydraulic piston return, for lockbolts and blind bolts up to -12 diameter.

## Specification

| Item | Value |
|---|---|
| Type | Pneumatic-hydraulic riveter with hydraulic piston return |
| Maker | Cherry Aerospace |
| Air pressure | 90 psi (6.2 bar) min., 110 psi (7.6 bar) max. |
| Stroke | 0.562 in (14.27 mm) |
| Pulling force | 9,500 lb (42.26 kN) at 90 psi |
| Weight | 10.75 lb (4.88 kg) |

| Item | Value |
|---|---|
| Noise level | 74.2 dB(A) |
| Vibration | Less than 2.5 m/s² |
| Air consumption | 0.60 SCF/cycle (16.99 L/cycle) |
| National Stock Number | 5130-00-760-1360 |
| Mounting system | Large bayonet, common to the G85D-S (compatible with the Huck 353 model) |

## Part numbers

| Part no. | Size | Item |
|---|---|---|
| G87D | Riveter | Riveter only |

Cherry's part numbers for this tool, as the catalog lists them.

## CherryMAX pulling heads and adapter

| Type | Part number | Diameter | Adapter |
|---|---|---|---|
| Straight | H84A-8 | -8 | 552 |
| Offset | H827-8 | -8 | 560-070 |
| Right angle | H829-8 | -8 | 552 |

CherryMAX adapter and pulling heads can install CherryMAX, CherryMAX 'AB' and SST rivets.

## MAXIBOLT pulling heads and adapter

| Type | Part number | Diameter | Adapter |
|---|---|---|---|
| Straight | H652-8MB | -8 | — |
| Straight | H83B-5MB | -5 | 552 |
| Straight | H83B-5MBU | -5 | 552 |
| Straight | H83B-6MB | -6 | 552 |
| Straight | H83B-6MBU | -6 | 552 |
| Straight | H84A-8MB | -8 | 552 |
| Straight | H84A-8MBU | -8 | 552 |
| Straight | H744-5MB | -5 | 560-070 |
| Straight | H744-6MB | -6 | 560-070 |
| Offset | H856-6MB | -6 | 560-070 |
| Right angle | H829-5MB | -5 | 552 |
| Right angle | H829-5MBU | -5 | 552 |
| Right angle | H829-6MB | -6 | 552 |
| Right angle | H829-6MBU | -6 | 552 |
| Right angle | H829-8MB | -8 | 552 |
| Right angle | H829-8MBU | -8 | 552 |

## Lockbolt pulling head selection chart

| Dia. | Length from tool face | Straight, short pintail | Straight, swivel | Straight, swivel self-releasing | Chisel, swivel self-releasing | Offset |
|---|---|---|---|---|---|---|
| -4 | 2" | H513-04-20* | — | — | — | H563-4B* |
| -4 | 3-1/2" | H513-04-35* | — | — | — | H563SP-4B* |
| -5 | 2" | — | H513S-05-20* | H513SR-05-20* | H513SRC-05-20* | H563-5B* |
| -5 | 3-1/2" | H513-05-35* | H513S-05-35 | H513SR-05-35 | H513SRC-05-35* | H563SP-5B |
| -6 | 2" | H513-06-20* | H513S-06-20* | H513SR-06-20* | H513SRC-06-20* | H563-6B* |
| -6 | 2-3/8" | — | H513S-06-24 | H513SR-06-24 | — | H562-6B |
| -6 | 3-1/2" | — | H513S-06-35* | H513SR-06-35* | H513SRC-06-35* | H563SP-6B* |
| -6 | 4-13/16" | — | H513S-06-48 | H513SR-06-48 | — | — |
| -6 | 6" | H513-06-60* | — | — | — | — |
| -8 | 2-3/8" | — | H513S-08-24 | H513SR-08-24 | — | H562-8B |
| -8 | 3-1/2" | H513-08-35* | H513-08-35* | — | — | — |
| -8 | 4-13/16" | — | H513S-08-48 | H513SR-08-48 | H513SRC-08-48 | — |
| -10 | 2-11/16" | — | H513S-10-27 | H513SR-10-27 | — | — |
| -10 | 4-3/16" | — | H513S-10-42 | H513SR-10-42 | — | — |
| -12 | 2-11/16" | — | H513S-12-27 | H513SR-12-27 | — | — |
| -12 | 4-3/16" | — | H513S-12-42 | H513SR-12-42 | — | — |

* These parts require the 552 adapter on the G87D, G85D or Huck 353, and fit directly on the G83A or Huck 352. Parts with no asterisk fit directly on the G87D, G85D and Huck 353. After H513: S = swivel, R = self releasing, C = chisel nose. H513-05-35: -05 is the -5 diameter, -35 means the head extends 3.5 in beyond the gun line. After H563: SP = short pintail.



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

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## Notes

- Pulling heads are not furnished with the riveter and must be ordered separately.

**SOURCES** · Cherry Aerospace, Fastening Systems for Aerospace Tool Catalog CA-1001, p. 10 · Cherry Aerospace, Tool Manual TM-G87D, Rev. E, 14 Oct 15

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theaviationpoint.com/parts/tools/g87d/



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