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G84-LS — split lockbolt riveter, 5,700 lb pull

The split version of the G84, for structures that are hard to reach.

Specification

Item	Value
Type	Split pneumatic-hydraulic riveter
Maker	Cherry Aerospace
Air pressure	90 psi (6.2 bar) min., 110 psi (7.6 bar) max. at tool
Stroke	0.530 in (13.46 mm)
Pulling force	5,700 lb (25.35 kN) at 90 psi in CA-1001, at 110 psi in TM-G84-LS

Item	Value
Weight	Total 11.8 lb (5.35 kg); head only 2.0 lb (0.91 kg) in CA-1001; hand held unit 3.0 lb (1.36 kg) in TM-G84-LS
Noise level	66.5 dB(A)
Vibration	4.0 m/s²
Air consumption	0.34 SCF/cycle (9.63 L/cycle)

Part numbers

Part no.	Size	Item
G84-LS	Riveter	Split riveter

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

Adapters to other mounting systems

Adapter	To adapt to tool mounting system
744-500	Cherry G744 mount
744-600	Cherry G704B / G747 / G746A
744-700	Cherry G83A / G84 bayonet
744-800	Adaptor to H84B-568

Pulling heads and adapters are not furnished with the riveter.

Notes

- Split version of the G84, with an offset piston design and a mounting system different from the standard bayonet mount.
- The design allows straight (in-line) and pistol grip configuration of the hand held unit.
- Pulling heads for the G84-LS or comparable riveters fit directly, with no adaptation required.

SOURCES · Cherry Aerospace, Fastening Systems for Aerospace Tool Catalog CA-1001, p. 9 · Cherry Aerospace, Tool Manual TM-G84-LS, Rev. G, 4/30/15

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/g84-ls/

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