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G700 — double action riveter for -3 and -4 CherryLOCK, 1,220 lb pull

Cherry's lightweight double action riveter for -3 and -4 diameter CherryLOCK wiredraw rivets.

Specification

Item	Value
Type	Double action pneumatic-hydraulic riveter
Maker	Cherry Aerospace
Air pressure	90 psi (6.2 bar) min., 110 psi (7.6 bar) max.
Stroke	0.906 in (23.01 mm)
Pulling force	1,220 lb (5.43 kN) at 90 psi

Item	Value
Weight	5.75 lb (2.61 kg)
Noise level	Less than 69 dB(A)
Vibration	Less than 2.5 m/s²
Air consumption	0.25 SCF/cycle (7.08 L/cycle)
Mounting system	Custom, compatible only with double action pulling heads (H681)

Part numbers

Part no.	Size	Item
G700	Riveter	Riveter only

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

Standard wiredraw CherryLOCK rivets (NAS1398 and NAS1399)

Dia.	Tool	Al, Monel univ. (CR2163, CR2263, CR2563)	Al, Monel flush (CR2162, CR2262, CR2562)	Stainless univ. (CR2643, CR2653, CR2663)	Stainless flush (CR2642, CR2652, CR2662)	Tool	Al, Monel NAS1097 flush (CR2164, CR2564)	Stainless NAS1097 flush (CR2644, CR2664)
-3	H681-3C	—	—	All grips	All grips	—	—	—
-4	H681-4C	All grips	All grips	All grips	All grips	H681-4S	All grips	All grips

Bulb type CherryLOCK rivets (NAS1738 and NAS1399)

Dia.	Tool	Univ. (CR2249, CR2539, CR2839)	Flush (CR2238, CR2248, CR2538, CR2838)	Tool	156° flush (CR2540, CR2840)	Tool	Unisink (CR2235, CR2245, CR2545, CR2845)
-4	H681-4C	All grips	All grips	H681-4F	All grips	H681B166-4	All grips

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. 12 · Cherry Aerospace, Tool Manual TM-G700, Rev. A, 05/09/07

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/g700/

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