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G686B-S — split double action riveter, 2,600 lb pull

The split version of the G689: the heavy power unit stays on the floor, away from the structure.

Specification

Item	Value
Type	Split double action pneumatic-hydraulic riveter
Maker	Cherry Aerospace
Air pressure	90 psi (6.2 bar) min., 110 psi (7.6 bar) max.
Stroke	1.437 in (36.50 mm)
Pulling force	2,600 lb (11.57 kN) at 90 psi

Item	Value
Weight	Total 17 lb (7.71 kg); head only 5.0 lb (2.27 kg)
Noise level	74.5 dB(A)
Vibration	Less than 2.5 m/s²
Air consumption	0.5 SCF/cycle (14.16 L/cycle)
National Stock Number	3448-01-036-3402

Part numbers

Part no.	Size	Item
G686B-S	Riveter	Split riveter

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
-5	H681-5C	All grips	All grips	up to -08	up to -09	H681-5S	All grips	All grips
-6	H681-6C	All grips	All grips	up to -08	up to -09	H681-6S	All grips	All grips
-8	H681-8C	Up to -16	Up to -17	—	—	H681-8S	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
-5	H681-5C	All grips	All grips	H681-5F	All grips	H681B166-5	All grips
-6	H681-6C	All grips	All grips	H681-6F	All grips	H681B166-6	All grips

Other pulling heads

Pulling head	Type	Adapter	Rivet type	Rivet dia.	Max. grip
H9055-3, -4, -5, -6	Straight	680B46	CherryLOCK 'A'	-3, -4, -5, -6	-3: All. -4, -5, -6: 8, 9
H9015-3C, -4C, -5C, -6C	Straight	680B46	MS	-3, -4, -5, -6	All
H9040-4C, -5C, -6C	Straight	680B57	MS	-4, -5, -6	All
H680B200A	Straight	—	CherryMAX	-4, -5, -6	All
H781A-456, H782	Offset	680B205	CherryMAX	-4, -5, -6	All
H753A-456	Right angle	680B205	CherryMAX	-4, -5, -6	All

Notes

- Pulling heads are not furnished with the riveter and must be ordered separately.
- TM-G686B-S rounds the stroke to 1.44 in.

SOURCES · Cherry Aerospace, Fastening Systems for Aerospace Tool Catalog CA-1001, p. 15 · Cherry Aerospace, Tool Manual TM-G686B-S, Rev. C, 12/05/16

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