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G704B-SR — split CherryMAX riveter, 3-foot hose, 3,136 lb pull

The split version of the G704B: the heavy power unit stays on the floor and a 3-foot hose feeds the tool head.

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.
Stroke	0.518 in (13.16 mm)
Pulling force	3,136 lb (13.95 kN) at 90 psi
Cycle time	About 1 second

Item	Value
Hose length	3 ft (0.91 m)
Weight	Power unit 4.5 lb (2.04 kg) in CA-1001; handle 4.25 lb (1.93 kg) in TM-G704B-SR
Noise level	Does not exceed 85 dB(A)
Air consumption	4 CFM at 20 cycles/min
National Stock Number	5130-01-237-0488

Part numbers

Part no.	Size	Item
G704B-SR	Riveter	Split riveter with 3-foot hose

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

Pulling heads

Pulling head	Type	Adapter	Rivet type	Diameters
H701B-456, H747-456	Straight	—	CherryMAX, CherryMAX 'AB', MBC L/C, SST	-4, -5, -6
H753A-456	Right angle	—	CherryMAX, CherryMAX 'AB', SST	-4, -5, -6
H781A-456, H782	Offset	—	CherryMAX, CherryMAX 'AB', SST	-4, -5, -6
H747-3A, -4A, -5A, -6A	Straight	—	CherryLOCK 'A'	-3, -4, -5, -6
H9015-3C, -4C, -5C, -6C	Straight	704A9	MS and nutplate rivets	-3, -4, -5, -6
H746-4MBC, -5MBC, -6MBC	Straight	—	Standard MBC	-4, -5, -6
H704-()NP	Straight	—	Rivetless nutplate	—
H704-()NPC	Straight	—	Rivetless nutplates for composite structures	—

Pulling heads are not furnished with the riveter. H747-456, H753A-456 and H782 can be re-configured to install -6 aluminum fasteners: see their tool sheets.

Riveter grip capability

Fastener type	Grip
CherryMAX	All grips
CherryMAX 'AB'	-05
CherryLOCK 'A'	-05
Standard MBC and MBC L/C	5
SST	All grips
MS and nutplate rivets	-05
MAXIBOLT, both types (U and S)	All grips
Rivetless nutplate	All grips

Largest grip in one stroke. Grip capability may be extended by double stroking. MBC grip as identified by NAS1719, NAS1720 and NAS1721.

Notes

- Pulling heads are not furnished with the riveter and must be ordered separately.
- The power unit is typically placed on the floor, away from the structure, for access in constricted areas.

SOURCES · Cherry Aerospace, Fastening Systems for Aerospace Tool Catalog CA-1001, p. 4, 6
· Cherry Aerospace, Tool Manual TM-G704B-SR, Rev. A, 11/06/13

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/g704b-sr/

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