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G704B-40SH — split CherryMAX riveter, 8-foot hose, 3,136 lb pull

The same split riveter as the G704B-SR with an 8-foot hose, for reaching further from the power unit.

Specification

Item	Value
Type	Split pneumatic-hydraulic riveter
Maker	Cherry Aerospace
Air pressure	90-110 psi (6.2-7.6 bar)
Stroke	0.518 in (13.16 mm)
Pulling force	3,136 lb (13.95 kN) at 90 psi

Item	Value
Cycle time	About 1 second
Hose length	8 ft (2.44 m)
Weight	Power unit 4.5 lb (2.04 kg)
Noise level	Less than 85 dB(A)
Air consumption	0.34 SCF/cycle (9.63 L/cycle) in TM-G704B-40SH; 4 CFM at 20 cycles/min in CA-1001

Part numbers

Part no.	Size	Item
G704B-40SH	Riveter	Split riveter with 8-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 main difference between the G704B-SR and the G704B-40SH is the length of the hose.

SOURCES · Cherry Aerospace, Fastening Systems for Aerospace Tool Catalog CA-1001, p. 4, 6 · Cherry Aerospace, Tool Manual TM-G704B-40SH, Rev. C, 1/28/15

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/g704b-40sh/

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