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G902 — all pneumatic nut-plate riveter, 550 lb pull

Cherry's all pneumatic riveters for nut-plate rivets: the G902 feeds the stem through, the G902-15 ejects it to the side.

Specification

Item	Value
Type	All pneumatic riveter
Maker	Cherry Aerospace
Air pressure	90 to 110 psi (6.2 to 7.6 bar)
Stroke	0.750 in (19.05 mm)
Pulling force	550 lb (2.45 kN) at 90 psi

Item	Value
Cycle time	One second approx.
Weight	2 lb (0.91 kg)
Noise level	60 dB(A)
Vibration	Less than 2.5 m/s²
Air consumption	0.05 SCF/cycle (1.42 L/cycle)

Part numbers

Riveter 2 part numbers

Part no.	Item
G902	Feed-through riveter
G902-15	Side-eject riveter

G902 and G902-15 pulling heads

Riveter	Pulling head	Rivet	Rivet diameters	Max. grip
G902	H902-3NPR	Nut-plate, SPR	Nut-plate 3/32, 2.5 mm, 3 mm; SPR 3/32	-8
G902	H902-4NPR, H701B-456	Nut-plate	1/8	-8
G902	H955	CherryLOCK 'A'	3/32	-8
G902-15	H9015-3C	Nut-plate, SPR	Nut-plate 3/32, 2.5 mm, 3 mm; SPR 3/32	-9
G902-15	H9055-3	CherryLOCK 'A'	3/32	-9
G902-15	H9015-4C	Nut-plate	1/8	-9

Maximum grip installed on the first stroke. Pulling heads are not furnished with the riveter.

Notes

- Extensions are available for the G902 to allow the pulling heads to reach limited access areas.

SOURCES · Cherry Aerospace, Fastening Systems for Aerospace Tool Catalog CA-1001, p. 21 · Cherry Aerospace, Tool Manual TM-G902, Rev. B, 06/13/08

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/g902/

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