

OUTIL DE POSE G83

G83 Lightweight Lockbolt Power Tool

National Stock Number: 5130-01-435-3507

Description

The G83 pneumatic-hydraulic lockbolt installation tool is a heavy duty production tool designed for high speed, reliable installation of the most popular sizes of aircraft lockbolts. This extremely powerful tool has been designed with many **ergonomic features** including a light weight – 4.95 pounds (2.25 kg.) – less recoil, low noise, and a comfortable fit in the operator's hand. It can be operated in any position with one hand.

By bending the rubber pin deflector sideways, 1-1/2" additional clearance can be obtained. This tool can also be used to install blind bolts and blind rivets. Refer to the tables below for correct pulling head part number.

Specifications

Air Pressure	90 PSI (6.2 bar) min./110 PSI (7.6 bar) max.
Stroke	7/16 inch (11.1 mm)
Pulling Force	3,750 lbs. (16.7 kN) @ 90 PSI (6.2 bar), 800 lbs. (3.56 kN) on return stroke
Cycle Time	Approximately one second
Weight	4.95 lbs. (2.25 kg)
Noise Level	78.4 dB (A)
Vibration	less than 2.5 M/S2
Air Consumption	.16 SCF/cycle (4.53 L/cycle)



G83 Pulling Heads

Pulling heads are not furnished with riveter and must be ordered separately.

G83 Pulling Heads for Lockbolts Selection Chart

	Pulling Head Nos.				Lockbolt Dia.
	Basic Pulling	Swivel Nose	Swivel Nose, Self Releasing	Swivel Nose, Self Releasing Chisel Shape Nose	
Straight Pulling Heads	H513-04-20				.04
	H513-04-35				
	H513-04-60				
	H513-05-35	H513S-05-20	H513SR-05-20	H513SRC-05-20	
Offset Pulling Heads	H513-05-60			H513SRC-05-35	.05
	H513-06-20	H513S-06-20	H513SR-06-20	H513SRC-06-20	
	H513-06-60	H513S-06-35	H513SR-06-35	H513SRC-06-35	
	H563-5R				
Heads	H563-6R				.06
	H563SP-5R	Short Pintail			.05
	H563SP-6R	Short Pintail			.06

NOTES:

1. No letter after P/N indicates basic head.
2. *S* after basic P/N indicates swivel nose.
3. *SR* after basic P/N indicates swivel nose, self-releasing.
4. *SRC* after basic P/N indicates swivel nose, self-releasing, chisel shape nose.
5. Straight lockbolt pulling head part numbers indicate pulling head length when attached to the G83. Example: Part No. H513-04-20 indicates the pulling head extends 2.0" beyond gun line.
6. For .08 dia., installs aluminum and titanium lockbolts only.

Maxibolt™ Pulling Heads (S Type)

	Part No.	Maxibolt Dia.
Straight Head	H83B-5MB	.05
Straight Head	H83B-6MB	.06
Maxibolt™ Plus Straight Head	H84B-56R	.05, .06

For *U* type blind bolts use 652-066 for .5 and 652-067 insert for .06.

CherryMAX® Adapter and Pulling Heads**

Adapter Part No.	Pulling Head	Pulling Head Part No.	CherryMAX Diameter
744-300	Straight	H701B-456	.4, .5, .6
	Offset	H781-456	
No adapter required	Right Angle	H753A-456	8
	Straight	H84A-8	

** CherryMAX® adapter and pulling heads can install CherryMAX®, CherryMAX® *AB*, and SST® rivets.

Adapters for G83/G84 tools

Adapter	To Adapt To Tool Mounting System
744-100	G85D S/G87D
744-200	G744
744-300	G704B/747/746A

MAJ : 02.08
Vérif. : N.P.L
Appr. : C . P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

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