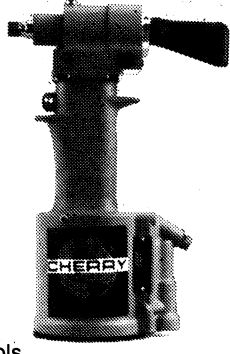


# CHERRY LOCKBOLT TOOLS

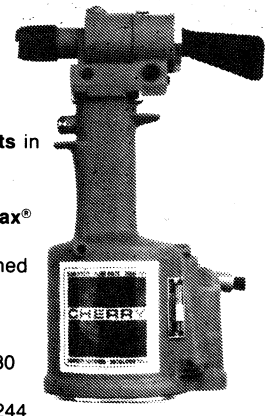
## THE CHERRY G83 LOCKBOLT TOOL

1. Basic tool weighs 4.75 pounds.
2. Installs 5/32" and 3/16" diameter lockbolts all materials and 1/4" diameter aluminum lockbolts, plus the 5/32" and 3/16" diameter Cherry MaxiBolt.
3. Utilizes both Cherry H513 series lockbolt pulling heads and other heads which are suitable for attachment to the 352 type tool.
4. Ergonomically attractive due to its lightweight, compactness and reduced recoil.
5. Basic tool design is similar to other Cherry tools facilitating maintenance needs. Similar base to the G704B. 11.5 inches high.
6. Accepts the Cherry H563-5B and H563-6B offset lockbolt pulling heads.

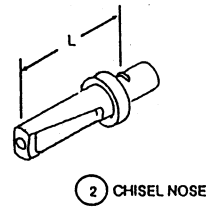
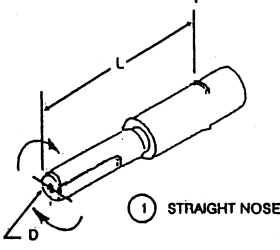


## THE CHERRY G84 LOCKBOLT TOOL

1. Lightweight (only 7.65 lb.), compact design offers less recoil and low noise. Can be operated in any position with one hand.
2. Installs 1/8", 5/32", 3/16", 1/4" dia. Lockbolts in all materials.
3. Installs 5/32", 3/16", and 1/4" Blind Bolts.
4. Installs 1/8", 5/32", 3/16", and 1/4" CherryMax® Rivets.
5. The Lightweight G84 Lockbolt tool is designed for high speed, high volume production.
6. Uses Cherry H513 series Lockbolt pulling heads.
7. Uses all other pulling heads for 352 and 230 type tools.
8. Uses CherryMax® pulling heads with 700-244 adapter.



## LOCKBOLT NOSE ASSEMBLIES, SWIVEL TYPE



\* Parts with an asterisk fit directly on the Cherry G83 or Huck 352 tools. These parts require the 552 adapter when used on Cherry G85D, G87D or Huck 353. Parts with no asterisk fit directly on Cherry G85D, G87D and Huck 353 tools. S=Swivel, R=Self Releasing C=Chisel Nose  
 \*\*To improve application accessibility, material has been removed from the anvil portion of this pulling head. This material removal weakens the anvil and shortens the life expectancy when compared to the conventional head. It is recommended that spare anvils be ordered for repair when necessary.

## LOCKBOLT NOSE ASSEMBLY PART NUMBER

LOCKBOLT DIAMETER	LENGTH FROM TOOL FACE "L" INCHES	LOCKBOLT NOSE ASSEMBLY PART NUMBER			
		1 STRAIGHT NOSE		2 CHISEL NOSE**	
		SHORT PINTAIL	SWIVEL	SWIVEL SELF-RELEASING	SWIVEL SELF-RELEASING
1/8"	2"	H513-04-20*	--	--	--
	3-1/2"	H513-04-35*	--	--	--
	6"	H513-04-60*	--	--	--
5/32"	2"	--	H513S-05-20*	H513SR-05-20*	H513SRC-05-20*
	3-1/2"	H513-05-35*	H513S-05-35	H513SR-05-35	H513SRC-05-35*
	6"	H513-05-60*	--	--	--
3/16"	2"	H513-06-20*	H513S-06-20*	H513SR-06-20*	H513SRC-06-20*
	2-3/8"	--	H513S-06-24	H513SR-06-24	--
	3-1/2"	--	H513S-06-35*	H513SR-06-35*	H513SRC-06-35*
	4-13/16"	--	H513S-06-48	H513SR-06-48	--
	6"	H513-06-60*	--	--	--
1/4"	2-3/8"	--	H513S-08-24	H513SR-08-24	--
	3-1/2"	H513-08-35*	H513S-08-35*	--	--
	4-13/16"	--	H513S-08-48	H513SR-08-48	H513SRC-08-48
5/16"	2-11/16"	--	H513S-10-27	H513SR-10-27	--
	4-3/16"	--	H513S-10-42	H513SR-10-42	--
3/8"	2-11/16"	--	H513S-12-27	H513SR-12-27	--
	4-3/16"	--	H513S-12-42	H513SR-12-42	--

# CHERRY LOCKBOLT TOOLS

## DESCRIPTION

The Cherry G 85 and G 87 Pneumatic-Hydraulic tools are heavy-duty production tools designed for high-speed, reliable installation of the most popular sizes of aircraft lockbolts. Although extremely powerful, these tools weigh only 10-1/2 lbs. and can be operated in any position with one hand.

The G 85 and G 87 tools are 15-1/4" high and operate on 90 to 125 psi of air pressure at the tool. All 3/16", 1/4", and 5/16" diameter lockbolts in all materials can be installed with either tool. Since the G 85 is somewhat faster, it is recommended for installing these three diameters, but where 3/8" diameter lockbolts are being installed, it is necessary to use the more powerful G 87. The two tools differ in capacity as follows:

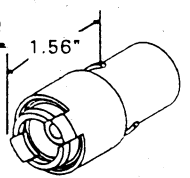
- G 85 D ..... 13/16" stroke ..... 6500 lbs. pull
- G 87 D ..... 9/16" stroke ..... 9400 lbs. pull

## NOSE ASSEMBLIES

Nose assemblies are not furnished with these tools but must be ordered separately. Noses currently used with other pneumatic lockbolt tools, such as the 353, will also fit both of these tools.

## NOSE ASSEMBLIES FOR CHERRY LOCKBOLTS

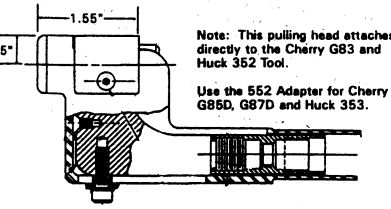
These offset nose assemblies permit the installation of lockbolts in many applications that are inaccessible to a straight nose. They are of heavy cast stainless steel construction with a replaceable insert anvil.



LOCKBOLT DIA.	NOSE ASSEMBLY NUMBER	FITS TOOL NO.	NOMINAL DIMENSIONS				
			A	B	C	D	E
1/8"	H563-4B	G85, G87*	2"	1-3/8"	2-1/2"	23/32"	3-5/8"
5/32"	H563-5B	G85, G87*	2"	1-3/8"	2-1/2"	25/32"	3-5/8"
3/16"	H563-6B	G85, G87*	2"	1-3/8"	2-1/2"	25/32"	3-5/8"
3/16"	H562-6B	G85, G87	1-3/4"	1-15/32"	2-27/32"	1-1/16"	2-1/4"
1/4"	H562-8B	G85, G87	1-3/4"	1-15/32"	2-27/32"	1-1/16"	2-1/4"

## 552 ADAPTER

This adapter fits Cherry Lockbolt Installation Tools, G-85, G-855, and G-87, to permit the use of the smaller diameter nose assemblies commonly used on the 352 Lockbolt Tool.



## 269C5 GAGE

A simple, self-explanatory gage for determining material thickness and proper lockbolt grip length.

\*Requires use of 552 Adapter below.