

TOOL CATALOG



TEXTRON Aerospace Fasteners

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* Obsolete - Replaced by G83 and G84.

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INTRODUCTION

Cherry® Tools The Cherry® Brand Advantage

For over 60 years, genuine Cherry Tools, manufactured by Textron Aerospace Fasteners, have been specified and used by aircraft manufacturers and repair facilities throughout the world. Each Cherry fastening system is combined with a full range of Cherry tools to provide an overall "systems approach" that insures optimum compatibility and consistent installation performance.

Used worldwide, Cherry tools are CE Certified and are currently available in multi-language versions. With our large global sales force we can provide fastener and tool training at customer locations, training centers, etc. Our large Technical Services Department can be reached five days a week at (714) 545-5511 to solve problems and answer technical questions from shop floor users, engineers and distributors.

HOW TO USE THIS TOOL SELECTION GUIDE

For quick reference information - please refer to SECTION 6 starting on page 19. Section 6 allows easy selection of the appropriate tooling for each fastener product. Fastener product line NAS, MS, CR® or other part number systems are cross referenced with tool selection information in section 6. If you already know which tool you need, simply go to the appropriate tool page you require in sections 1-4.

Sections 1-4 of this guide provide detailed descriptions, specifications and fastening capabilities for a variety of Cherry Tools. Most Cherry tools are capable of installing several types of fasteners in at least three different diameters. So keep in mind that Cherry tools and pulling heads can be combined to install a great variety of fastening systems and diameters.

TO INSTALL:	USE TOOL:
CherryMAX type blind rivets	G747, G704B, G746A, G744*, G750A, G27
SST blind rivets	G747, G704B, G746A, G744*, G750A, G27
CherryMAX 'AB' type blind rivets	G746A, G704B, G744*, G747, G750A, G27
CherryLOCK	G784, G689, G686B-S
CherryLOCK 'A'	G746A, G704B, G747, G750A, G27, G30
InterMAX type blind rivets	G746A, G704B, G744*, G747, G750A, G27
MS type blind rivets	G704B, G746A, G747, G784, G689, G686B-S, G29
Nut-plate blind rivets	G747, G704B, G29
MaxiBOLTS Blind Bolts	G744*, G83, G84, G87D, G750A
Lockbolts	G83, G84, G87D, G85D-S

* Obsolete - Replaced by G83 and G84.

G704B



Lightweight CherryMAX® Power Tool

National Stock Number: 5130-01-393-1584

Military Part Number: M85188T2

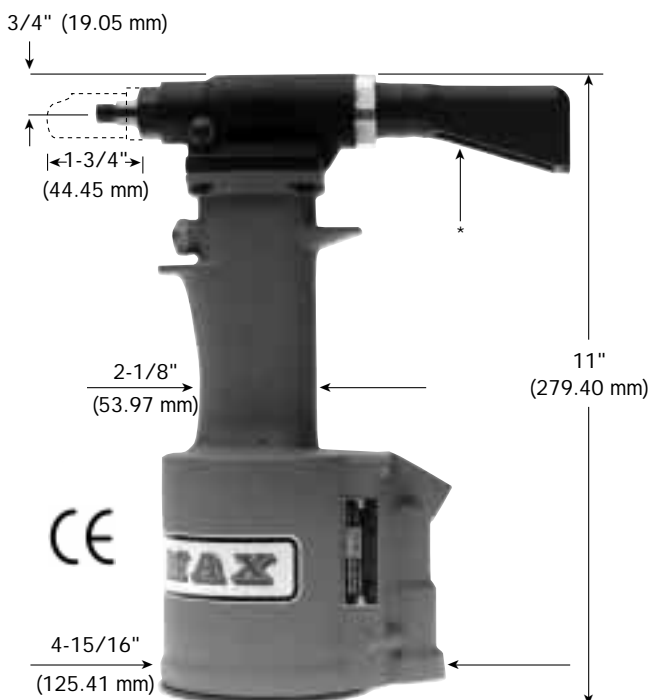
DESCRIPTION

The Cherry G704B is a pneumatic-hydraulic tool designed specifically for the most efficient installation of CherryMAX® rivets. Its durable, all metal housing makes this extremely robust tool ideal for use in rugged shop environments. This tool utilizes straight, offset and right-angle pulling heads, all of which can install -4, -5, and -6 diameter CherryMAX® bulb type rivets in all head styles, materials and grip lengths. Extensions are available for extending the pulling heads to reach limited access areas. See the section on pulling heads for the correct pulling head part number.

SPECIFICATIONS FOR G704B

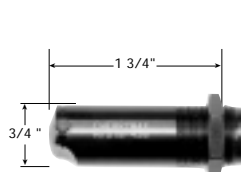
Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	.510 Inch (12.954 mm)
PULLING FORCE	3100 Pounds (13.79 kn) @ 90 PSI (6.2 bar)
CYCLE TIME	Approximately One Second
WEIGHT	4 1/4 Pounds (1.93 kg)
NOISE LEVEL	71 dB (A)
VIBRATION	Less than 2.5 m/s ²
AIR CONSUMPTION	.16 SCF/cycle (4.53 L/cycle)

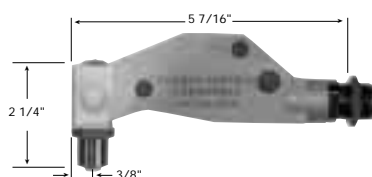


G704B PULLING HEADS

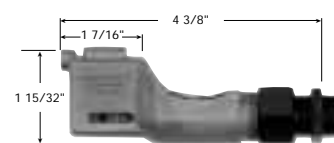
Pulling Heads are not furnished with riveter and must be ordered separately.



H701B-456 Straight
NSN5130-01-393-2927
Military Part Number M85188S1



H753A-456 Right Angle
NSN5130-01-393-2926
Military Part Number M85188S2



H781-456 Offset
NSN 5130-01-393-2925
Military Part Number M85188S3

Pulling Head	Type	Adapter	Rivet	Rivet Diameters	Maximum Grip ¹
H701B-456	Straight	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H753A-456	Right Angle	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H781-456	Offset	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H9015	Straight	704A9	MS ⁴	3/32, 1/8, 5/32, 3/16	-4 ¹
H955	Straight	-	CherryLOCK "A"	3/32, 1/8, 5/32, 3/16 ³	-4 ¹

1. May be double stroked for longer grips. 2. Nominal and oversize. 3. No 3/16 aluminum, Stainless steel and Monel only. 4. Serrated stems only.

G744

CherryMAX® Power Riveter

National Stock Number: 5130-01-151-1856

(Obsolete—Replaced by G83 and G84 for -8 CherryMAX and MaxiBOLT Applications.)



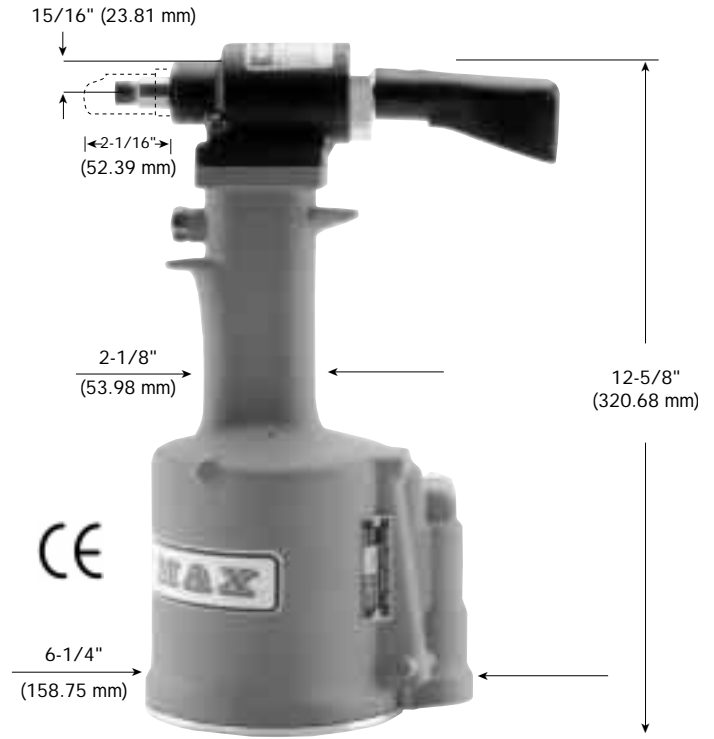
DESCRIPTION

The Cherry G744 is a pneumatic-hydraulic tool designed specifically for the most efficient installation of 1/4" CherryMAX® rivets. However, with the proper pulling heads and adapter, this tool can install other sizes and types of rivets. This tool utilizes straight, offset and right-angle pulling heads. Extensions are available for extending the pulling heads to reach limited access areas. Refer to the pulling head section for the correct pulling head part number for the rivet to be installed. Its all metal housing makes this tool extremely durable for use in a shop environment. It can be operated in any position with one hand. A stem catcher bag may be ordered separately and attached to eliminate costly clean-up.

SPECIFICATIONS FOR G744

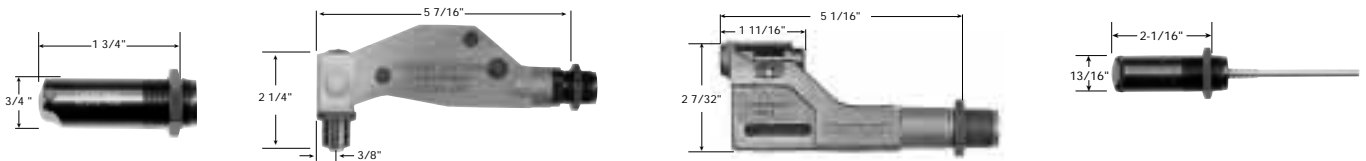
Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	.625 inch (15.88 mm)
PULLING FORCE	3800 Pounds (16.90 kN) @ 90 PSI (6.2 bar)
CYCLE TIME	Approximately one second
WEIGHT	7 Pounds (3.18 kg)
NOISE LEVEL	72 dB (A)
VIBRATION	Less than 2.5 m/s ²
AIR CONSUMPTION	.31 SCF/cycle (8.78 L/cycle)



G744 PULLING HEADS

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



H744A-8 STRAIGHT

H828-8 RIGHT ANGLE

H827-8 OFFSET

Available by special order only

H846A-456 STRAIGHT

Pulling Head	Type	Adapter	Rivet	Rivet Diameters	Maximum Grip
H744A-8	Straight	-	CherryMAX CherryMAX "AB"	1/4 1/4 ⁴	All -4 ¹
H828-8	Right Angle	-	CherryMAX CherryMAX "AB"	1/4 1/4 ⁴	All -4 ¹
H827-8	Offset	-	CherryMAX CherryMAX "AB"	1/4 1/4 ⁴	All -4 ¹
H846A-456	Straight	-	CherryMAX CherryMAX "AB"	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³	All -4 ¹
H701B-456	Straight	744A20	CherryMAX CherryMAX "AB"	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³	All -6 ¹
H753A-456	Right Angle	744A20	CherryMAX CherryMAX "AB"	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³	All -4 ¹
H781-456	Offset	744A20	CherryMAX CherryMAX "AB"	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ³	All -4 ¹
H744-5MB H744-6MB	Straight	-	"S" Type MaxiBOLTS	5/32, 3/16	All
H828-5MB H828-6MB	Right Angle	-	"S" Type MaxiBOLTS	5/32 3/16	All
H856-6MB	Offset	-	"S" Type MaxiBOLTS	3/16	All

1. May be double stroked for longer grips. 2. Nominal and oversize. 3. No 3/16 aluminum, pulls stainless steel and Monel only. 4. Pulls stainless steel and Monel only.

G746A



CherryMAX® Power Riveter

National Stock Number: 5130-01-338-3403

DESCRIPTION

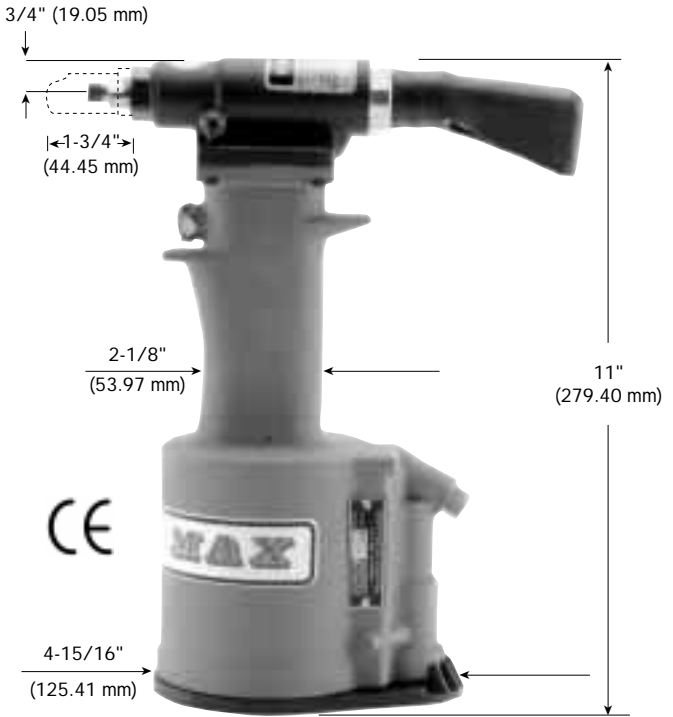
The Cherry G746A is a pneumatic-hydraulic tool designed specifically for the most efficient installation of CherryMAX® Bulb, CherryMAX® "AB" wiredraw, and CherryLOCK® "A" wiredraw rivets. The G746A utilizes the straight, offset and right-angle pulling heads. Refer to the pulling head section for the correct pulling head part number for the rivet to be installed.

The G746A has a durable metal housing that makes this tool extremely robust for use in a shop environment.

SPECIFICATIONS FOR G746A

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	.875 inch (22.23 mm)
PULLING FORCE	1850 Pounds (8.23 kn) @ 90 PSI (6.2 bar)
CYCLE TIME	Approximately one second
WEIGHT	4 1/4 Pounds (1.93 kg)
NOISE LEVEL	72 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.25 SCF/cycle (7.08 L/cycle)

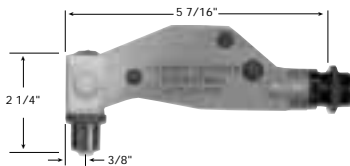


G746A PULLING HEADS

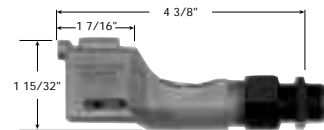
Pulling Heads are not furnished with riveter and must be ordered separately.



H701B-456 STRAIGHT
NSN5130-01-393-2927
Military Part Number M85188S1



H753A-456 RIGHT ANGLE
NSN5130-01-393-2926
Military Part Number M85188S2



H781-456 OFFSET
NSN 5130-01-393-2925
Military Part Number M85188S3

Pulling Head	Type	Adapter	Rivet	Rivet Diameters	Maximum Grip ¹
H701B-456	Straight	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ^{2,5} 1/8, 5/32, 3/16 ³ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -9 ¹ -9 ¹ All
H753A-456	Right Angle	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ^{2,5} 1/8, 5/32, 3/16 ³ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H781-456	Offset	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ^{2,5} 1/8, 5/32, 3/16 ³ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H9015 -3, -4, -5, -6	Straight	704A9	MS ⁶	3/32, 1/8, 5/32, 3/16	All
H955 -3, -4, -5, -6			CherryMAX "AB" CherryLOCK "A" ⁴	1/8, 5/32, 3/16 3/32, 1/8, 5/32, 3/16	-9 ¹

1. May be double stroked for longer grips. 2. Nominal and oversize. 3. No 3/16 aluminum. Stainless steel and Monel only. 4. When installing CherryLOCK "A" rivets, the proper diameter pulling head must be used. 5. 3/16" diameter Inconel 600 rivets may require 100 psi. 6. Serrated stems only.

G747



LIGHTWEIGHT CherryMAX® POWER TOOL

DESCRIPTION

The Cherry G747 is a pneumatic-hydraulic tool designed specifically for the most efficient installation of CherryMAX® rivets and nut-plate rivets. Its durable, all metal housing makes this extremely robust tool ideal for use in rugged shop environments. It has many ergonomic features; very light weight, comfortable fit in the operators hand and it can be operated in any position with one hand. This tool utilizes straight, off-set and right-angle pulling heads, all of which can install -4, -5, and -6 diameter CherryMAX® bulb type rivets in all head styles, materials and grip lengths. Extensions are available for extending the pulling heads to reach limited access areas. See the section on pulling heads for the correct pulling head part number.

SPECIFICATIONS FOR G747

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	.437 inch (11.1 mm)
PULLING FORCE	2100 Pounds (9.34 kN) @ 90 PSI (6.2 bar)
CYCLE TIME	Approximately One Second
WEIGHT	3.5 Pounds (1.59 kg)
NOISE LEVEL	71 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.09 SCF/cycle (2.55 L/cycle)

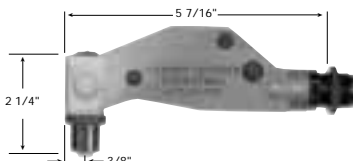


G747 PULLING HEADS

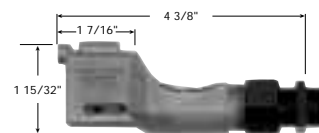
Pulling Heads are not furnished with riveter and must be ordered separately.



H701B-456 Straight
NSN5130-01-393-2927
Military Part Number M85188S1



H753A-456 Right Angle
NSN5130-01-393-2926
Military Part Number M85188S2



H781-456 Offset
NSN 5130-01-393-2925
Military Part Number M85188S3

Pulling Head	Type	Adapter	Rivet	Rivet Diameters	Maximum Grip ¹
H701B-456	Straight	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ⁴ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H747-3NPR	Straight	-	Nut-plate	3/32	-4 ¹
H753A-456	Right Angle	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ⁴ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹ All
H781-456	Offset	-	CherryMAX CherryMAX "AB" InterMAX SST	1/8, 5/32, 3/16 ² 1/8, 5/32, 3/16 ⁴ 1/8, 5/32, 3/16 1/8, 5/32, 3/16 ²	All -4 ¹ -4 ¹
H9015 -3, -4, -5, -6	Straight	704A9	MS ³	3/32, 1/8, 5/32, 3/16	-4 ¹
H955 -3, -4, -5, -6	Straight	-	CherryMAX "AB" CherryLOCK "A" ⁵	1/8, 5/32, 3/16 3/32, 1/8, 5/32, 3/16	-4 ¹ -4 ¹

1. May be double stroked for longer grips. 2. Nominal and oversize. 3. Serrated stems only. 4. Will not install 3/16 dia. aluminum. Pulls stainless steel and monel only. 5. When installing CherryLOCK "A" rivets, the proper diameter pulling head must be used.

G689



Hydro-Shift CherryLOCK® Riveter

DESCRIPTION

The Cherry G689 Hydro-Shift Riveter is a heavy duty pneumatic-hydraulic tool designed specifically for the installation of all CherryLOCK® Rivets. The G689 is recommended primarily for 1/4" diameter CherryLOCK® rivets. It can be used to install all diameters and lengths as indicated on the tool capacity charts.

Its durable, all metal housing makes this tool very robust for use in a shop environment.

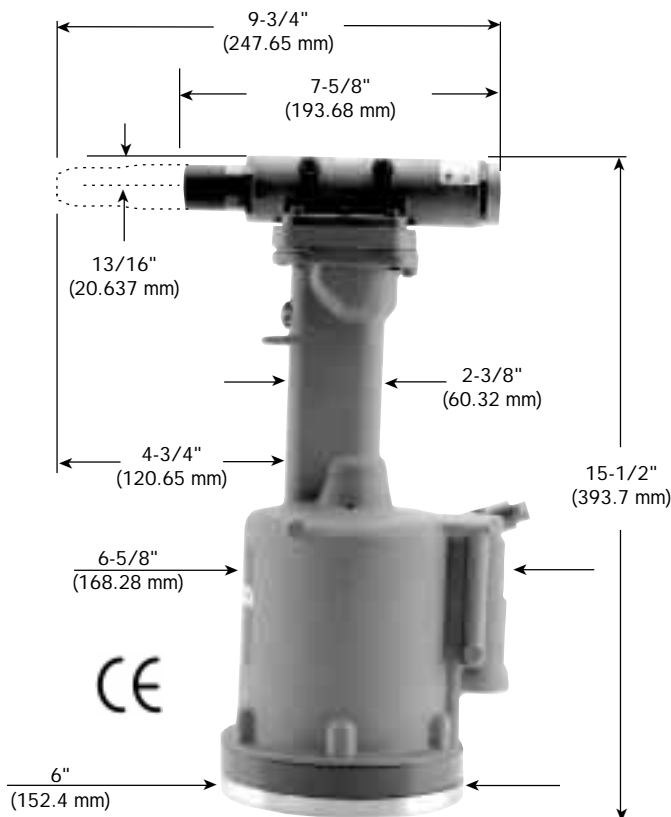
This extremely powerful tool has been designed with many ergonomic features: low recoil, low noise and a comfortable fit in the operator's hand. It can be operated in any position with one hand.

The H681 Series pulling heads fit directly on this tool to install both bulbed and standard NAS type 2000 Series CherryLOCK® Rivets. With the proper adapters and pulling heads, this tool can install other types of rivets. See the section on "Pulling Heads" for correct pulling head and adapter part numbers.

SPECIFICATIONS FOR G689

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	1.475 inch (37.47 mm)
PULLING FORCE	3,800 lbs. (16.9 kN) @ 90 PSI (6.2 bar),
WEIGHT	12.85 lbs. (5.90 kg)
NOISE LEVEL	74.1 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.50 SCF/cycle (14.2 L/cycle)



G689 PULLING HEADS

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

STANDARD CherryLOCKS (NAS 1398 & 1399)

PULLING HEAD	RIVET DIA.	ALUMINUM		MONEL		ST. STEEL	
		CR2163 CR2263	CR2162 CR2164 CR2262	CR2563	CR2562 CR2564	CR2643 CR2653 CR2663	CR2642 CR2652 CR2662 CR2664
		UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD
H681-3C	-3	-	-	-	-	ALL	ALL
H681-4C	-4	ALL	ALL	ALL	ALL	ALL	ALL
H681-5C	-5	ALL	ALL	ALL	ALL	ALL	ALL
H681-6C	-6	ALL	ALL	ALL	ALL	ALL	ALL
H681-8C	-8	ALL	ALL	ALL	ALL	ALL	ALL

OTHER PULLING HEADS THAT WILL FIT THIS TOOL ARE SHOWN ON THE CHART BELOW

PULLING HEAD	TYPE	ADAPTER	RIVET	RIVET DIAMETERS	MAXIMUM GRIP
H9015	Straight	680B46	MS	3/32, 1/8, 5/32, 3/16	ALL
H9055	Straight	680B46	CherryLOCK "A", MS	3/32, 1/8, 5/32, 3/16	ALL
H9040	Straight	680B57	MS	1/8, 5/32, 3/16, 1/4	ALL
H781-456	Rt. Angle	680B205	CherryMAX®	1/8, 5/32, 3/16	ALL
H753A-456	Rt. Angle	680B205	CherryMAX	1/8, 5/32, 3/16	ALL
H827-8	Offset	680B210	CherryMAX	1/4	ALL
H828-8	Rt. Angle	680B210	CherryMAX	1/4	ALL
H828-5MB/H828-6MB	Rt. Angle	680B210	MaxiBOLT	5/32, 3/16	ALL
H680B200A	Straight	-	CherryMAX	1/8, 5/32, 3/16	ALL
H680B208	Straight	-	CherryMAX	1/4	ALL

BULBED CherryLOCKS (NAS 1738 & 1739)

PULLING HEAD	RIVET DIA.	ALUMINUM		MONEL		INCONEL	
		CR2235 CR2239 CR2245 CR2249	CR2238 CR2248	CR2539 CR2545	CR2538 CR2540	CR2839 CR2845	CR2838 CR2840
		UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD
H681-4C	-4	ALL	ALL	ALL	ALL	ALL	ALL
H681-5C	-5	ALL	ALL	ALL	ALL	ALL	ALL
H681-6C	-6	ALL	ALL	ALL	ALL	ALL	ALL

G784



HYDRO-SHIFT CherryLOCK® RIVETER

HYDRO-SHIFT CherryLOCK Riveter Kit National Stock Number: 5130-00-935-4681

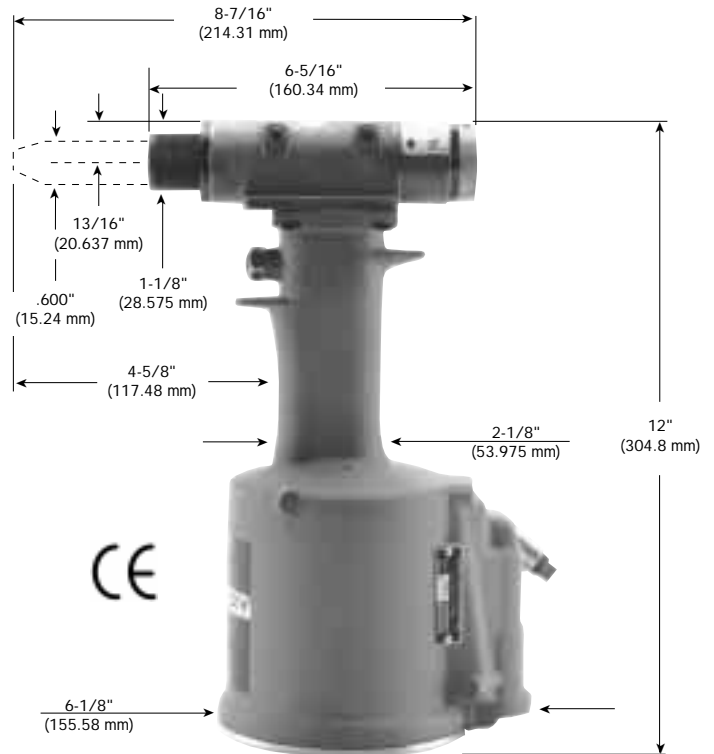
DESCRIPTION

The Cherry G784 Hydro-Shift Riveter is a pneumatic-hydraulic tool designed specifically for the most efficient installation of CherryLOCK® Rivets.

Its durable, all metal housing makes this tool extremely robust for use in shop environment. It will install nearly all diameters of CherryLOCK® Rivets up to a half-inch grip, "A" group only.

This powerful tool has been designed with many ergonomic features: lower weight, less recoil, low noise and a comfortable fit in the operator's hand. It can be operated in any position with one hand.

With proper adapters and pulling heads this tool can be used to install other types of rivets. See the section on "Pulling Heads" for correct pulling head and adapter part numbers.



SPECIFICATIONS FOR G784

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AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	7/8 inch (22.2 mm)
PULLING FORCE	2,600 lbs. (11.57 kN) @ 90 PSI (6.2 bar),
WEIGHT	8 lbs. (3.63 kg)
NOISE LEVEL	69.7 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.27 SCF/cycle (7.65 L/cycle)

G784 PULLING HEADS

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

STANDARD CherryLOCKS (NAS 1398 & 1399)

PULLING HEAD	RIVET DIA.	ALUMINUM		MONEL		ST. STEEL	
		CR2163 CR2263	CR2162 CR2164 CR2262	CR2563	CR2562 CR2564	CR2643 CR2653 CR2663	CR2642 CR2652 CR2662 CR2664
		UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD
H681-3C	-3	-	-	-	-	ALL	ALL
H681-4C	-4	ALL	ALL	ALL	ALL	ALL	ALL
H681-5C	-5	8	9	8	9	8	9
H681-6C	-6	8	9	8	9	8	9
H681-8C	-8	8	9	8	9	-	-

BULBED CherryLOCKS (NAS 1738 & 1739)

PULLING HEAD	RIVET DIA.	ALUMINUM		MONEL		INCONEL	
		CR2235 CR2239 CR2245 CR2249	CR2238 CR2248	CR2539 CR2545	CR2538 CR2540	CR2839 CR2845	CR2838 CR2840
		UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD
H681-4C	-4	ALL	ALL	ALL	ALL	ALL	ALL
H681-5C	-5	ALL	ALL	ALL	ALL	ALL	ALL
H681-6C	-6	ALL	ALL	ALL	ALL	ALL*	ALL*

OTHER PULLING HEADS THAT WILL FIT THIS TOOL ARE SHOWN ON THE CHART BELOW

PULLING HEAD	TYPE	ADAPTER	RIVET	RIVET DIA.	MAXIMUM GRIP
H9055-3	Straight	680B46	CherryLOCK "A"	3/32	ALL
H9055-4				1/8	8,9°
H9055-5				5/32	8,9°
H9055-6				3/16	8,9°
H9015-3C	Straight	680B46	MS	3/32	ALL
H9015-4C				1/8	ALL
H9015-5C				5/32	ALL
H9015-6C				3/16	ALL
H9040-4C	Straight	680B57	MS	1/8	ALL
H9040-5C				5/32	ALL
H9040-6C				3/16	ALL
H9040-8C				1/4	ALL
H642-4C40	Offset	680B57	CherryLOCK	1/8	8,9°
H642-5C40				5/32	8,9°
H642-6C40				3/16	8,9°
H642-8C40				1/4	8,9°
H680-B200A	Straight		CherryMAX	1/8,5/32,3/16	ALL
H781-456	Offset	680B205	CherryMAX	1/8,5/32,3/16	ALL
H753A-456	Right Angle	680B205	CherryMAX	1/8,5/32,3/16	ALL

*8 grip for protruding head, 9 grip for countersunk head.

*May require 95 psi (6.6 bar) air pressure at tool.

G686B-S



Split Hydro-Shift CherryLOCK® Riveter

National Stock Number: NSN 3448-01-036-3402

DESCRIPTION

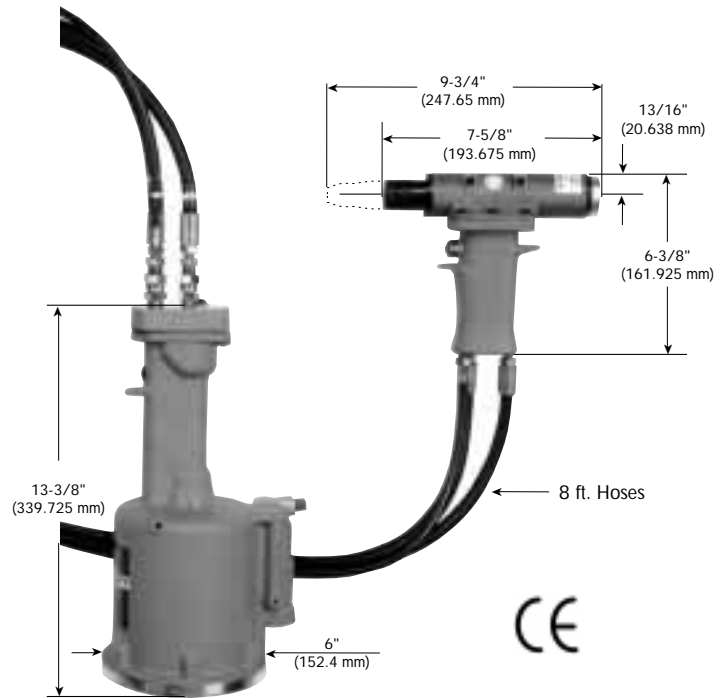
The Cherry G686B-S Split Hydro-Shift Riveter is a heavy duty pneumatic-hydraulic tool designed specifically for easy and fast installation of CherryLOCK® Rivets. In using this "split" tool, the power unit rests on the floor and transmits its power through eight feet of hose to a light-weight pistol grip handle. This facilitates rivet installation in many limited access areas and also greatly reduces operator fatigue. Its durable, all metal housing makes this tool very robust for use in a shop environment.

G686B-S can be used to install all diameters and lengths of fasteners as indicated on the charts. The H681 Series pulling heads fit directly on this tool to install both bulbed and standard NAS type 2000 Series CherryLOCK® Rivets. See the section on "Pulling Heads" for correct pulling head part number.

SPECIFICATIONS FOR G686B-S

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	1-7/16 inch (36.5 mm)
PULLING FORCE	2,600 lbs. (11.57 kN) @ 90 PSI (6.2 bar),
WEIGHT	Total: 17 lbs. (7.71 kg) Head Only: 5.0 lbs. (2.27 kg)
NOISE LEVEL	74.5 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.5 SCF/cycle (14.2 L/cycle)



G686B-S PULLING HEADS

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

STANDARD CherryLOCKS (NAS 1398 & 1399)

PULLING HEAD	RIVET DIA.	ALUMINUM		MONEL		ST. STEEL	
		CR2163 CR2263	CR2162 CR2164 CR2262	CR2563	CR2562 CR2564	CR2643 CR2653 CR2663	CR2642 CR2652 CR2662 CR2664
		UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD
H681-3C	-3	-	-	-	-	ALL	ALL
H681-4C	-4	ALL	ALL	ALL	ALL	ALL	ALL
H681-5C	-5	ALL	ALL	ALL	ALL	ALL	ALL
H681-6C	-6	ALL	ALL	ALL	ALL	ALL	ALL
H681-8C	-8	16	17	16	17	-	-

OTHER PULLING HEADS THAT WILL FIT THIS TOOL ARE SHOWN ON THE CHART BELOW

PULLING HEAD	TYPE	ADAPTER	RIVET	RIVET DIAMETERS	MAXIMUM GRIP
H9055-3	Straight	680B46	CherryLOCK® "A"	3/32	ALL
H9055-4				1/8	8, 9"
H9055-5				5/32	8, 9"
H9055-6				3/16	8, 9"
H9015-3C	Straight	680B46	MS	3/32	ALL
H9015-4C				1/8	ALL
H9015-5C				5/32	ALL
H9015-6C				3/16	ALL
H9040-4C	Straight	680B57	MS	1/8	ALL
H9040-5C				5/32	ALL
H9040-6C				3/16	ALL
H9040-8C				1/4	ALL
H680B200A	Straight	-	CherryMAX®	1/8, 5/32, 3/16	ALL
H781-456	Offset	680B205	CherryMAX	1/8, 5/32, 3/16	ALL
H753A-456	Rt. Angle	680B205	CherryMAX	1/8, 5/32, 3/16	ALL

BULBED CherryLOCKS (NAS 1738 & 1739)

PULLING HEAD	RIVET DIA.	ALUMINUM		MONEL		INCONEL	
		CR2235 CR2239 CR2245 CR2249	CR2238 CR2248	CR2539 CR2545	CR2538 CR2540	CR2839 CR2845	CR2838 CR2840
		UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD	UNIV. HEAD	CTSK. HEAD
H681-4C	-4	ALL	ALL	ALL	ALL	ALL	ALL
H681-5C	-5	ALL	ALL	ALL	ALL	ALL	ALL
H681-6C	-6	ALL	ALL	ALL	ALL	ALL	ALL

*8 grip for protruding head, 9 grip for countersunk head.

G 83



Lightweight Lockbolt Power Tool

National Stock Number: 5130-01-435-3507

DESCRIPTION

The Cherry 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: 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.

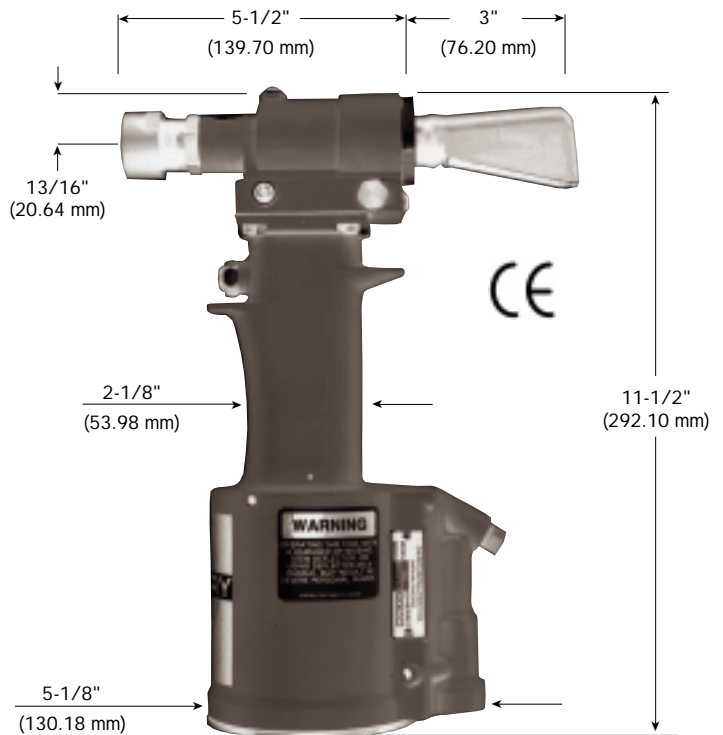
By bending the rubber pin deflector (63) sideways, 1-1/2" additional clearance can be obtained.

This tool can also be used to install blind bolts and blind rivets. See the section on "Pulling Heads" for correct pulling head part number.

SPECIFICATIONS FOR G83

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

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/S ²
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 HEAD SELECTION CHART LOCKBOLT PULLING HEADS

	BASIC PULLING HEAD NO.	SWIVEL NOSE PULLING HEAD NO.	SWIVEL NOSE SELF-RELEASING PULLING HEAD NO.	SWIVEL NOSE, SELF-RELEASING CHISEL SHAPE NOSE PULLING HEAD NO.	LOCKBOLT DIA.
STRAIGHT PULLING HEADS	H513-04-20* H513-04-35* H513-04-60*				-04
	H513-05-35* H513-05-60*	H513S-05-20*	H513SR-05-20*	H513SRC-05-20* H513SRC-05-35*	-05
	H513-06-20* H513-06-60*	H513S-06-20* H513S-06-35*	H513SR-06-20* H513SR-06-35*	H513SRC-06-20* H513SRC-06-35*	-06
	H513-08-35*	H513S-08-35*			-08
OFFSET PULLING HEADS	H563-5B* H563-6B* H563SP-5B* H563SP-6B*				-05 -06 -05 -06

*Fits directly on G83

NOTES:

- No letter after P/N indicates basic head.
- "S" after basic P/N indicates swivel nose.
- "SR" after basic P/N indicates swivel nose, self-releasing.
- "SRC" after basic P/N indicates swivel nose, self-releasing, chisel shape nose.
- 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.
- For -08 dia, installs Aluminum and Titanium Lockbolts Only.

MaxiBOLT PULLING HEADS (S TYPE)

	PART NO.	MAXIBolt DIA.
STRAIGHT HEAD	H83A-5MB	-05
STRAIGHT HEAD	H83A-6MB	-06

CherryMAX ADAPTER AND PULLING HEADS**

ADAPTER PART NO.	PULLING HEAD	PULLING HEAD PART NO.	CHERRYMax DIAMETER
700-244	STRAIGHT	H701B-456	-4, -5, -6
	OFFSET	H781-456	
	RIGHT ANGLE	H753A-456	
No adapter required	STRAIGHT	H84-8	-8

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

G 8 4

Lightweight Lockbolt Tool

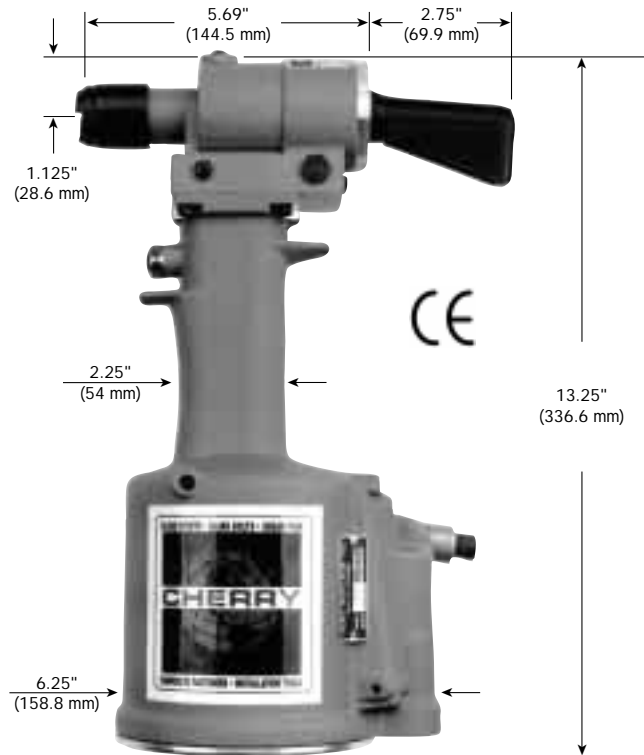
DESCRIPTION

The Cherry G84 pneumatic-hydraulic Lockbolt installation tool is a rugged production tool designed for high speed, reliable installation of the most popular sizes of aircraft lockbolts. Incorporates a new improved bayonet attachment for quick change of pulling heads. Weighing only 7.70 pounds (3.5 kg), this tool has been designed with many ergonomic features - less recoil, low noise and a comfortable fit in the operator's hand. It can be operated in any position with one hand. The tool can install blind bolts and blind rivets (see installation chart below).

SPECIFICATIONS FOR G84

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 psi (7.6 bar) Max.
STROKE	9/16 inch (14.3 mm)
PULLING FORCE	5,750 lbs. (25.6 kN) @ 90 PSI (6.2 bar), 1200 lbs. (5.34 kN) on return stroke
WEIGHT	7.70 lbs. (3.5 kg)
NOISE LEVEL	dB (A)
VIBRATION	less than 2.5 M/S ²
AIR COMSUMPTION	.29 SCF/cycle (8.21L/cycle)



G84 PULLING HEADS

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

Note: All pulling heads suitable for the 352 and 230 style tools will fit directly on this tool.



H513SRC-08-48 Straight Pulling Head



H563-6B Offset Pulling Head

MaxiBOLT Blind Bolt Pulling Heads For "S" style Blind Bolts

- H83A-5MB for 5/32" Dia. Blind Bolts
- H83A-6MB for 3/16" Dia. Blind Bolts
- H84-8MB for 1/4" Dia. Blind Bolts

Contact Textron Aerospace Fasteners for information on "U" type blind bolt heads.

CherryMAX Pulling Heads

- H84-8 installs 1/4" diameter CherryMAX rivets.
- H701B-456 with 744-300 Adapter for 1/8", 5/32", 3/16" Dia. Blind Rivets. (CherryMAX, CherryMAX "AB", and SST)
- Also installs -4, -5, dia. MaxiBOLT.

Cherry Riveter	Type Series	Pulling Head***	Diameter	Grip Lengths Installed
G84	Lockbolts	H513 Straight*	-4, -5, -6, -8	All
	Aluminum Lockbolts	H513 Straight*	-4, -5, -6, -8	All
	Titanium Lockbolts	Straight**	-4, -5, -6, -8	All
	Lockbolts	H563 Offset*	-4, -5, -6	All
	Lockbolts	H562 Offset*	-6, -8	All
	MaxiBOLT	H83A -5MB -6MB Straight	-5, -6	All
	MaxiBOLT	H84 -8MB Straight	-8	All
	CherryMAX	H701B Straight with 744-300 Adapter	-4, -5, -6	All
	CherryMAX	H84-8 Straight	-8	All

* Use adapter no. 744-100 to accept Pulling Head Design used on G85D, G87D and 353 Style tools.

** Use of special pulling head required.

*** For complete Lockbolt pulling head part number, see selection chart on page 11.

G85D-S

Split Lockbolt Power Riveter



DESCRIPTION

The Cherry G85D-S 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. The G85D-S is a "split" version of the standard Cherry G85D. The power unit sits on the floor and transmits its power through 8 feet of hose to a light weight, ergonomic pistol grip handle. This facilitates fastener installation in many limited access areas and also reduces operator fatigue. Its durable, all metal housing makes this tool very robust for use in a shop environment.

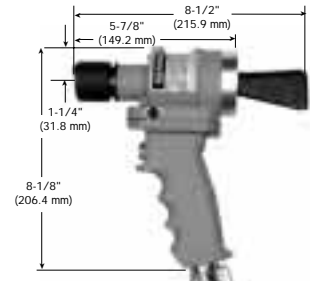
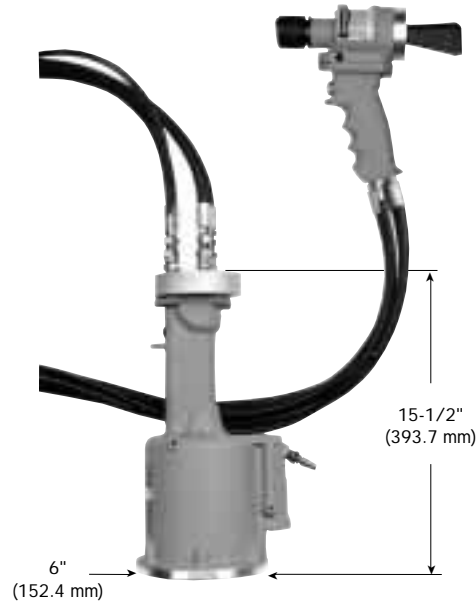
By bending the rubber pin deflector (1) sideways, 1-1/2" additional clearance can be obtained.

This tool installs all 3/16", 1/4" and 5/16" diameter lockbolts in all materials and 3/8" diameter in aluminum. It can also install selected blind bolts and blind rivets. Pulling heads are not furnished with the tool, and must be ordered separately. See the section on "Pulling Heads" for correct pulling head part number.

SPECIFICATIONS FOR G85D-S

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max. at tool.
STROKE	.720 in. (18.3 mm)
PULLING FORCE	7,000 lbs. (31.1 kN) @ 90 PSI (6.2 bar),
WEIGHT	Total: 19.3 lbs. (8.75 kg), Head Only: 4.3 lbs. (1.95 kg)
NOISE LEVEL	76.7 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.27 SCF/cycle (7.65 L/cycle)



G85D-S PULLING HEADS

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

G85D-S PULLING HEAD SELECTION CHART

Lockbolt Diameter	Length from Tool Face in inches (except Column 3)	1. Straight Nose			2. Chisel Nose		3. Offset
		Short Pintail	Swivel	Swivel Self-Releasing	Swivel Self-Releasing		
1/8"	2	H513-04-20*	-	-	-	H563-4B*	
	3-1/2	H513-04-35*	-	-	-	H563SP-4B*	
	6	H513-04-60*	-	-	-	-	
5/32"	2	-	H513S-05-20*	H513SR-05-20*	H513SRC-05-20*	H563-5B*	
	3-1/2	H513-05-35*	H513S-05-35	H513SR-05-35	H513SRC-05-35*	H563SP-5B*	
	6	H513-05-60*	-	-	-	-	
3/16"	2	H513-06-20*	H513S-06-20*	H513SR-06-20*	H513SRC-06-20*	H563-6B*	
	2-3/8	-	H513S-06-24	H513SR-06-24	-	H562-6B	
	3-1/2	-	H513S-06-35*	H513SR-06-35*	H513SRC-06-35*	H563SP-6B*	
	4-13/16	-	H513S-06-48	H513SR-06-48	-	-	
	6	H513-06-60*	-	-	-	-	
1/4"	2-3/8	-	H513S-08-24	H513SR-08-24	-	H562-8B	
	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	-	-	

* These Parts require the 552 adapter when used on cherry G85D-S, G87D or Huck 353. Parts with an asterisk fit directly on the Cherry G83, G84 or Huck 352 tools.

NOTES:
In pulling head part numbers, S = Swivel, R = Self Releasing
C = Chisel Nose SP = Short Pintail
After H563, SP = Short Pintail

Straight Lockbolt pulling head part numbers indicate pulling head length and diameter. Example: In Part No. H513-05-35 the -05 indicates 5/32 diameter and -35 indicates that the pulling head extends 3-1/2" beyond gun line.

G87D



Lockbolt Power Tool

National Stock Number: 5130-00-760-1360

DESCRIPTION

The Cherry G87D 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, designed with many ergonomic features weighs only 10-3/4 lbs. (4.875 kg.) and fits comfortably in the operator's hand. It can be operated in any position with one hand.

By bending the rubber pin deflector (1) sideways, 1-1/2" additional clearance can be obtained.

This tool can also be used to install blind bolts. See the section on "Pulling Heads" for correct pulling head part number.

SPECIFICATIONS FOR G87D

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

AIR PRESSURE	90 PSI (6.2 bar) Min. / 110 PSI (7.6 bar) Max.
STROKE	9/16 inch (14.3 mm)
PULLING FORCE	9,500 lbs. (42.3 kN) @ 90 PSI (6.2 bar),
WEIGHT	10.75 lbs. (4.875 kg)
NOISE LEVEL	74.2 dB (A)
VIBRATION	less than 2.5 m/s ²
AIR CONSUMPTION	.60 SCF/cycle (17 L/cycle)



G87D PULLING HEADS

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

G87D LOCKBOLT PULLING HEAD SELECTION CHART

LOCKBOLT DIAMETER	LENGTH FROM TOOL FACE (EXCEPT COLUMN 3)	1. STRAIGHT NOSE			2. CHISEL NOSE		3. OFFSET
		SHORT PINTAIL	SWIVEL	SWIVEL SELF-RELEASING	SWIVEL SELF-RELEASING		
1/8"	2"	H513-04-20*	-	-	-	-	H563-4B* H563SP-4B* -
	3-1/2"	H513-04-35*	-	-	-	-	
	6"	H513-04-60*	-	-	-	-	
5/32"	2"	-	H513S-05-20*	H513SR-05-20*	H513SRC-05-20*	-	H563-5B* H563SP-5B* -
	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*	-	H563-6B* H562-6B H563SP-6B* - -
	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	-	-	H562-8B -
	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	-	-	

CherryMAX PULLING HEADS AND ADAPTER**

	PART NO.	CHERRYMAX DIA.	ADAPTER
STRAIGHT	H84-8	-8	552
OFFSET	H827-8	-8	560-070
RIGHT ANGLE	H828-8	-8	560-070

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

MaxiBOLT PULLING HEADS

	PART NO.	MAXIBOLT DIA.	ADAPTER
STRAIGHT PULLING HEAD	H652-8MB	-8	-
	H83A-5MB	-5	552
	H83A-6MB	-6	552
	H744-5MB	-5	560-070
OFFSET	H744-6MB	-6	560-070
	H856-6MB	-6	560-070
RIGHT ANGLE	H828-5MB	-5	560-070
	H828-6MB	-6	560-070

*These parts require the 552 adapter when used on Cherry G87D, G85D or Huck 353. Parts with an asterisk fit directly on the Cherry G83 or Huck 352 tools.

NOTES:
 Parts with no asterisk fit directly on Cherry G87D, G85D and Huck 353 tools.
 After the H513 in part numbers, S = Swivel, R = Self Releasing, C = Chisel Nose
 Straight Lockbolt pulling head part numbers indicate pulling head length and diameter.
 Example: In Part No. H513-05-35 the -05 indicates 5/32 diameter and -35 indicates that the pulling head extends 3-1/2" beyond gun line.
 After H563, SP = Short Pintail

G27KIT

Hand Riveter



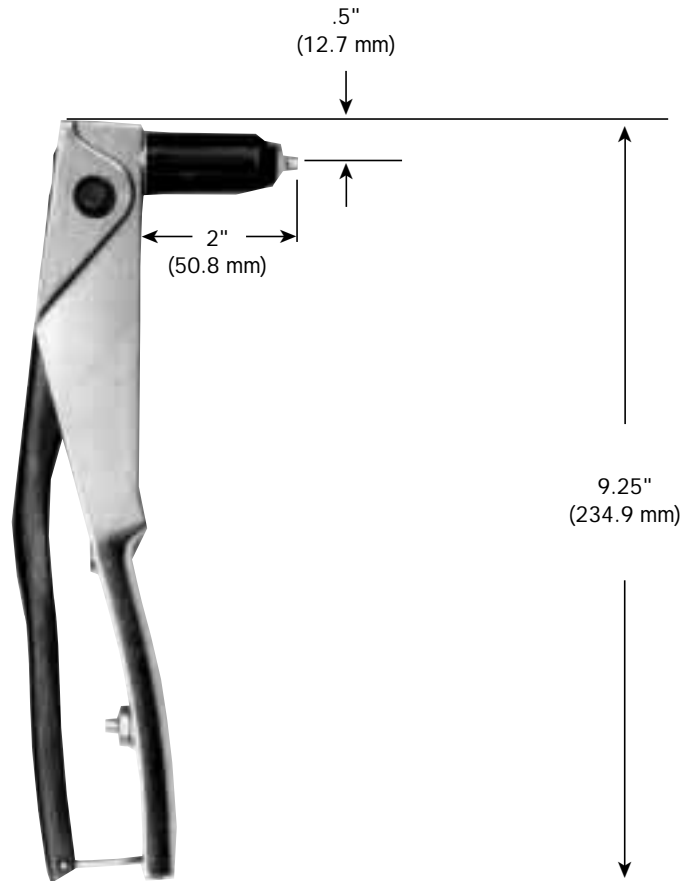
National Stock Number: 5120-01-393-1538

DESCRIPTION

The Cherry G27 Hand Riveter is designed specifically for the most efficient hand installation of 1/8" CherryMAX Rivets.

The G27 Riveter is intended for use where access or power limitation prevents the use of Cherry pneumatic power tools.

Overall length of the G27 is 9 1/4"(234.9 mm), the net weight is just 13 ounces (368 grams). The G27 comes equipped with a 728A9-4 nosepiece. This compact, lightweight tool comes in a rugged plastic case.



**G27 CherryMAX RIVETER CAN PULL
THE FOLLOWING CherryMAX PART NUMBERS**

CherryMAX Rivets 1/8" Part Numbers
CR3212-4
CR3213-4
CR3222-4
CR3223-4
CR3223-4
CR3523-4
CR3522-4
CR3214-4
CR3224-4
CR3524-4
CR3242-4
CR3243-4
CR3252-4
CR3253-4
CR3852-4
CR3853-4

SST® Rivets 1/8" Part Numbers
CR6222-4
CR6223-4
CR6224-4
CR6252-4
CR6253-4

G 29

Hand Riveter

National Stock Number: 5120-01-426-6095

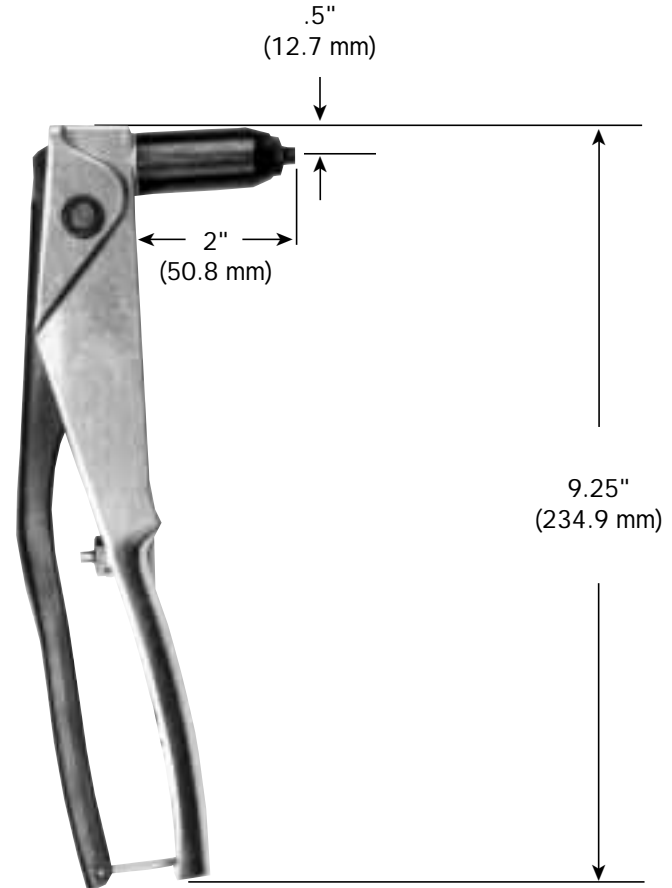


DESCRIPTION

The Cherry® G29 Hand Riveter is an efficient, compact, lightweight tool for installing Cherry® NUT-PLATE rivets. It comes equipped with a 728A9-3 nosepiece to install 3/32" rivets and has a 728A9-104 nosepiece stored in the handle for installing 1/8" rivets.

The G29 Riveter is 9 1/4" (234.9 mm) long, weighs just 13 ounces (368 grams) and is intended for use where access or power limitations prevent the use of Cherry® power tools.

To operate, first insert rivet stem into nosepiece. Insert rivet into work with riveter nosepiece held firmly and squarely against the head of the rivet. Maintain a steady pressure against rivet head and squeeze the handles to install the rivet. An additional stroke may be necessary depending on the rivet length and the thickness of the material being joined.



G29 CherryMAX RIVETER CAN PULL THE FOLLOWING 3/32" AND 1/8" NUT PLATE RIVETS

3/32" AND 1/8" NUT PLATE RIVETS	
CCR264SS	-3, -4
CCR264CS	-3, -4
CCR274SS	-3, -4
CCR274CS	-3, -4

CHERRY SPR® RIVETS	
CR1122	-3
CR1122FA	-3

3/32" AND 1/8" TACKING RIVET	
CCR234ASR	-3
CCR234ASR	-4

G 30



Hand Riveter
For Installation of CherryLOCK® 'A' locked
Spindle, Nut-plate rivets, and Cherry SPR® rivets
CR2672, CR2673 & CR1122 Series

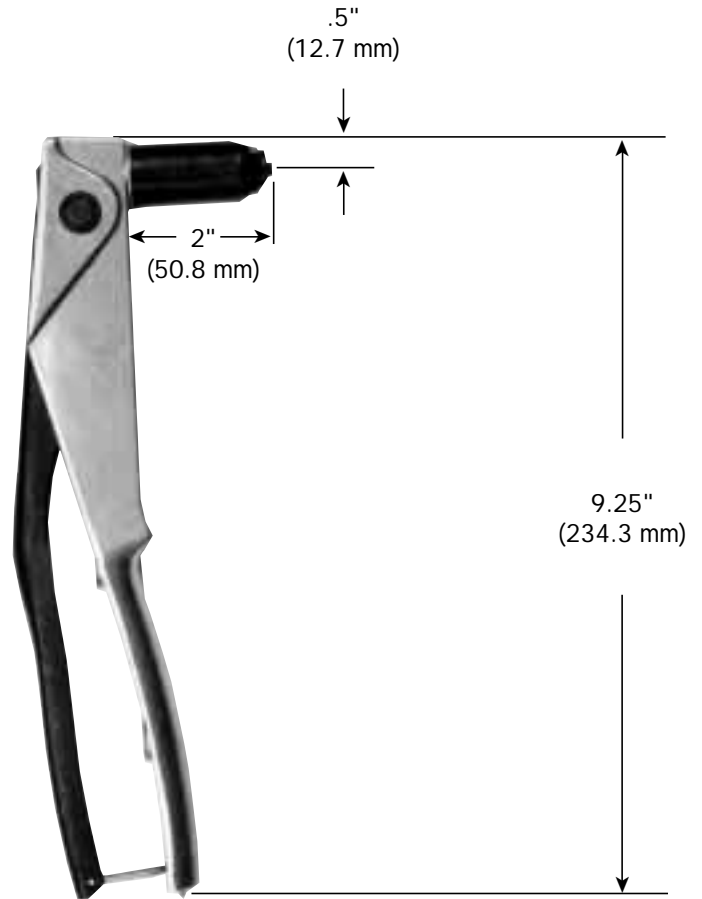
National Stock Number: 5120-01-416-7826

DESCRIPTION

The Cherry® G30 Hand Riveter is an efficient, compact, lightweight and economical tool for installation of CherryLOCK® 'A' rivets. Provided with this tool is a special designed nose piece which is essential for the proper insertion of the rivet locking collar.

The G30 is 9 1/4" (234.9 mm) long, weighs just 13 ounces (368 grams) and is intended for use where access or power limitations prevent the use of Cherry® power tools and generally where smaller quantities of rivets are to be installed. This tool will also install the Cherry® CR264/274 series rivets with a 728A9 series nosepiece.

To operate, insert the serrated stem of the rivet into the nosepiece. Insert the rivet into the application, holding the riveter nosepiece firmly and squarely against the rivet head and squeeze the handles to install the rivet. On longer grip rivets, additional strokes will be required.



**G30 CherryLOCK RIVETER CAN PULL
THE FOLLOWING 3/32" 'A' CODE RIVETS**

'A' CODE RIVETS	
CR2672	-3,
CR2673	-3,
NAS1399C3A()	
NAS1398C3A()	

CHERRY SPR® RIVETS	
CR1122	-3
CR1122FA	-3

G750A



Lightweight Hand Riveter

National Stock Number: 5120-01-432-9361

DESCRIPTION

The Cherry® G750A hand hydraulic riveting tool provides the versatility of pneumatic-hydraulic riveter but with the lightweight, high pull strength ratio desirability not found in other hand riveters. The Cherry G750A has a unique 2-stage hydraulic power cylinder that provides the user with the ease of pulling the handle without the strain normally endured to install a high strength fastener. This patentable 2-stage power feature allows the user to squeeze the handle throughout the increase power requirement, without feeling the need to squeeze harder to install the fastener. The Cherry G750A hand riveter can install a variety of blind fastener styles, diameters, head configurations, and material combinations. The G750A with the standard pulling head can install CherryMAX® and SST™ blind rivets in -4, -5, -6, diameters, and -05, -06 diameter MaxiBOLT blind bolts or threaded inserts by simply changing the pulling head. The straight pulling head is provided with the tool.

SPECIFICATIONS FOR G750A

Textron Aerospace Fasteners' (TAF) policy is one of continuous development. Specifications shown in this document may be subject to change which may be introduced after publication. For the latest information always consult TAF.

STROKE	.750 inches (19.06 mm)
PULLING FORCE	3800/4200 lb.
WEIGHT	1.9 lbs. (861.8 grams)
OVERALL HEIGHT	6.4 inches (162.5 mm)
OVERALL LENGTH	7.75 inches (196.8 mm)
PULLING HEADS	Straight, Offset, Right Angle, Threaded inserts



G750A PULLING HEADS AND ACCESSORIES

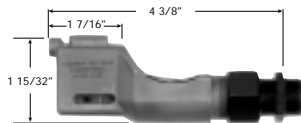


G750ACMR HAND RIVETER TOOL KIT
NSN5120-01-432-6190

The Cherry G750ACMR hydraulic riveter tool kit includes the G750A with a straight pulling head, adapter assembly, a right angle pulling head, an offset pulling head and a sturdy plastic carrying case.

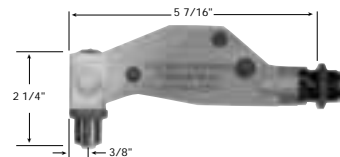
G750ACMR KIT CONTENTS

Item No.	Qty.	Part No.	Description
1	1	G750A	Hand Riveter (Includes Pulling Head)
2	1	H781-456	Offset Pulling Head
3	1	H753A-456	Right Angle Pulling Head
4	1	750A-088	Adapter Assembly
5	1	TLIT H781-456	H781-456 Tool Sheet
6	1	TLIT H753A-456	H753-456 Tool Sheet



H781-456 OFFSET
NSN 5130-01-393-2925
Military Part Number M85188S3

The offset nose assembly permits installation of -4, -5, -6 dia. CherryMAX® type rivets in limited access areas.



H753A-456 RIGHT ANGLE
NSN5130-01-393-2926
Military Part Number M85188S2

The right angle nose assembly permits installation of -4, -5, -6 dia. CherryMAX® type rivets in many applications that are inaccessible to a straight head.

G750A HAND TOOL

PULLING HEAD	ADAPTER	RIVET	DIA.
Straight pulling head on tool	-	CherryMAX	-4, -5, -6
	-	CherryMAX "AB"	-4, -5, -6 ¹
	-	SST	-4, -5, -6
H781-456 offset	750A-088	MaxiBOLT	-05
		CherryMAX	-4, -5, -6
		CherryMAX "AB"	-4, -5, -6 ¹
H753A-456 Right Angle	750A-088	SST	-4, -5, -6
		MaxiBOLT	-05
		CherryMAX	-4, -5, -6
H750A-8 Straight	-	CherryMAX	-8
		CherryMAX "AB"	-8 ¹

1. No 3/16" or 1/4" aluminum. Pulls Stainless steel and Monel only.

TEXTRON Aerospace Fasteners

Adapters and Accessories

Part Number	Item	Description and Use
226A	Adapter	Allows the G740A to accept the H615B, H9015 and H9055 pulling heads (CherryLOCK Catalog)
530B197	Adapter	Converts the G85/G87 to accept the H827/H828 1/4" pulling head. (No hole through piston. Similar to 560-070)
552	Adapter	Allows use of smaller diameter lockbolt nose and blind bolt nose assemblies on the G85/G87 tools. Example: TAF H513S-05-20 or Huck 352 type nose assemblies.
560-070	Adapter	Use on G85/G87 to attach H744-5/6MB and H856 offset and H828-6MB right angle pulling heads.
680B46	Adapter	Use on G700, G784 and G689 to permit use of H9015 and H9055 series pulling heads. (CherryLOCK catalog)
680B57	Adapter	Use of G700, G784 and G689 to permit use of "40" series pulling heads. Example: H9040-8C (CherryLOCK catalog)
680B206	Adapter	Use on G700, G686B-S, G784, and G689 to permit use of H753A-456 heads. (CherryMAX catalog)
680B210	Adapter	Use on G689 and G784 to attach H827/H828 1/4" diameter CherryMAX pulling heads and H828-5MB/H828-6MB Maxibolt pulling heads.
700-244	Adapter	Use on G83 tool to accept CherryMAX pulling heads, H701B-456, H753A-456 and H781-456 (G83 Maintenance Manual)
700-253	Adapter	Converts the G83 to the end configuration of the G744 to allow use of the H744A-8, H827-8, H828-8, H828-5MB, H828-6MB pulling heads.
704A6	Adapter	Allows use of H9040 heads on G701A, G704B, G746A and G749. (CherryMAX catalog)
704A9	Adapter	Allows use of screw on type H9015 and H9055 heads on G701A, G704B, G746A and G749A (CherryMAX catalog)
704A12-2	Extension	Use on G701A, G704B, G746A and G747 (2 inch extension)
704A12-4	Extension	Use on G701A, G704B, G746A and G747 (4 inch extension)
704A12-6	Extension	Use on G701A, G704B, G746A and G747 (6 inch extension)
704A12-12	Extension	Use on G701A, G704B, G746A and G747 (12 inch extension)
740A26	Adapter	Allows the use of H781-456 and H753A-456 on the G740A and G86A. (CherryLOCK catalog)
744A20	Adapter	Use on the G744 to accept the H781-456 and the H753A-456. (CherryMAX catalog)

TEXTRON Aerospace Fasteners

Adapters and Accessories, Continued

Part Number	Item	Description and Use
740A26	Adapter	Permits the G740A and the G86A riveters to accept the H753A-456, H781-456 and the H749A-456 pulling heads. (CherryMAX catalog)
744B25	Adapter	Use on G744 to accommodate Huck 352 style blind bolt pulling head.
744B35-2	Extension	Use on G744 with 1/4" CherryMAX pulling heads. (2 inch extension)
744B35-4	Extension	Use on G744 with 1/4" CherryMAX pulling heads. (4 inch extension)
744B35-6	Extension	Use on G744 with 1/4" CherryMAX pulling heads. (6 inch extension)
744B35-12	Extension	Use on G744 with 1/4" CherryMAX pulling heads. (12 inch extension)
744-100	Adapter	This adapter is used on the G84 and permits the use of larger lockbolt and blind bolt pulling heads as used on the G87D and 353 tools. (G84 Tool Maintenance Manual)
744-200	Adapter	Converts the G84 to the end configuration of the G744 to allow the use of the H744A-8, H827-8, H828-5MB, and the H828-6MB. (G84 Tool Maintenance Manual)
744-300	Adapter	Use on G84 tool to accept CherryMAX pulling heads H701B-456, H753A-456 and the H781-456. (G84 Tool Maintenance Manual)
750-050	Adapter	Use with G750 to attach H781-456, H753A-456 and CherryMAX extensions.
750A-088	Adapter	Use with G750A to attach H781-456, H753A-456. (G750A Tool Maintenance Manual)
750-117	Adapter	For use on G750A to accept the H9015 and the H9055 series pulling heads. (G750A Maintenance Manual)
753B21A	Extension	Use on the H753A-456 pulling head to increase the nose piece 2 3/16 inches. (CherryMAX catalog)
H750A-080-()	Adapter Heads	Threaded mandrels ranging in size from 06 to 37 for use with the G750A for the installation of threaded inserts. (G750A Tool Maintenance Manual)



TEXTRON Aerospace Fasteners

CherryMAX® Blind Rivet Tooling

RIVET PART NUMBER AND TOOL CROSS REFERENCE

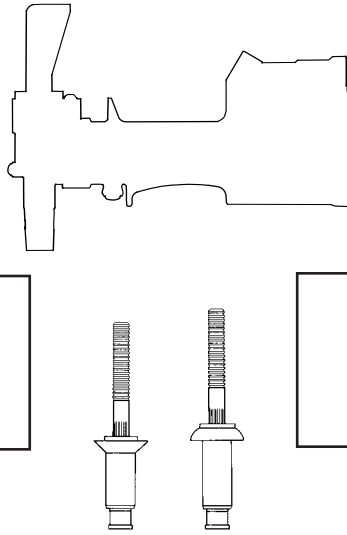
All rivet part numbers listed below can be installed with the Cherry power tools listed below.

ACCEPT NO SUBSTITUTES

RIVET PART NUMBERS

NAS PART NO.	CHERRY PART NO.	MILITARY PART NO.	BOEING PART NO.
NAS9301B	CR3213	M7885/2	
NAS9301E	CR3223	-	
NAS9302B	CR3212	M7885/3	
NAS9302E	CR3222	-	
NAS9303B	CR3214	-	
NAS9303E	CR3224	-	
NAS9304B	CR3243	M7885/6	BACR15FR(J)B(JR)
NAS9304E	CR3253	-	BACR15FR(JE)(JR)
NAS9305B	CR3242	M7885/7	BACR15FR(J)B(JR)
NAS9305E	CR3252	-	BACR15FR(JE)(JR)
NAS9306B	CR3245	-	
NAS9306E	CR3255	M7885/4	
NAS9307M	CR3523	-	
NAS9307MP	CR3522	M7885/5	
NAS9308M	CR3522P	-	
NAS9309M	CR3524	-	
NAS9309MP	CR3524P	-	
NAS9310M	CR3553	M7885/8	BACR15FR(J)MP(JR)
NAS9310MP	CR3553P	-	BACR15FR(JM)(JR)
NAS9310C	CR3853	-	BACR15FR(J)M(JR)
NAS9311M	CR3552	M7885/9	BACR15FR(J)M(JR)
NAS9311MP	CR3552P	-	BACR15FP(J)MP(JR)
NAS9311C	CR3852	-	
NAS9312M	CR3555	-	
NAS9312MP	CR3555P	-	

For reference only.



CHERRY POWER TOOLS

CHERRY TOOL	PULLING HEAD	RIVET DIA.
G701A	H701B-456 Straight	-4, -5
	H753A-456 Rt. Angle	-4, -5
	H781-456 Offset	-4, -5
G704B G704B-SR G704B-40SH	H701B-456 Straight	-4, -5, -6
	H753A-456 Rt. Angle	-4, -5, -6
	H781-456 Offset	-4, -5, -6
G746A	H701B-456 Straight	-4, -5, -6
	H753A-456 Rt. Angle	-4, -5, -6
	H781-456 Offset	-4, -5, -6
G744 G744-85SH	H744A-8 Straight	-8
	H828-8 Rt. Angle	-8
	H827-8 Offset	-8
G747	H846A-456	-4, -5, -6
	H701B-456 Straight	-4, -5, -6
	H753A-456 Rt. Angle	-4, -5, -6
	H781-456 Offset	-4, -5, -6



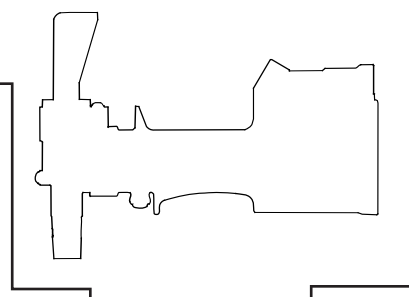
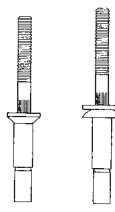
TEXTRON Aerospace Fasteners

**CherryMAX® 'AB' Blind Rivet Tooling
RIVET PART NUMBER AND TOOL CROSS REFERENCE**

All rivet part numbers listed below can be installed with the Cherry power tools listed below.

RIVET PART NUMBERS

NAS PART NO.	*CHERRY PART NO.
NAS1399D(J)AB()	CR4172
NAS1399B(J)AB()	CR4272
NAS1399M(J)AB()	CR4522
NAS1399MW(J)AB()	CR4522P
NAS1399C(J)AB()	CR4622
-	CR4622D
NAS1399CW(J)AB()	CR4622CW
NAS1398D(J)AB()	CR4173
NAS1398B(J)AB()	CR4273
NAS1398MW(J)AB()	CR4523P
NAS1398C(J)AB()	CR4623
-	CR4623D
NAS1398CW(J)AB()	CR4623CW



CHERRY POWER TOOLS

CHERRY TOOL	PULLING HEAD	RIVET DIA. PULLED
G701A**	H701B-456 Straight	-4, -5
	H753A-456 Rt. Angle	-4, -5
	H781-456 Offset	-4, -5
G704B** G704B-SR** G704B-40SH**	H701B-456 Straight	-4, -5, -6*
	H753A-456 Rt. Angle	-4, -5, -6*
	H781-456 Offset	-4, -5, -6*
	H701B-456 Straight	-4, -5, -6*
G746A	H955-6 Straight	-6
	H753A-456 Rt. Angle	-4, -5, -6*
	H781-456 Offset	-4, -5, -6*
	H744A-8 Straight	-8
G744**	H828-8 Rt. Angle	-8
	H701B-456	-4, -5, -6*
G747**	H955-6 Straight	-6
	H753A-456	-4, -5, -6*
	H781-456	-4, -5, -6*

**ACCEPT NO
SUBSTITUTES**

* Pulls monel and stainless in all diameters. Pulls aluminum in -4 and -5 diameters only.
** May require double stroke.

* For reference only.



TEXTRON Aerospace Fasteners

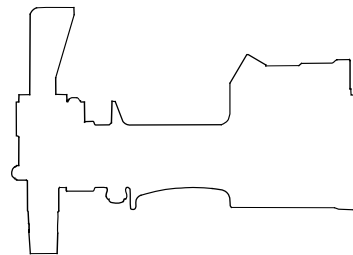
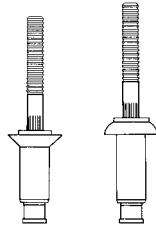
Cherry SST® Blind Rivet Tooling

RIVET PART NUMBER AND TOOL CROSS REFERENCE

All rivet part numbers listed below can be installed with the Cherry power tools listed below.

RIVET PART NUMBERS

CHERRY PART NO.	BOEING PART NO.
CR6252-()-()	BACR15GJ()E()
CR6253-()-()	BACR15GK()E()
CR6222-()-()	BACR15GL()E()
CR6223-()-()	BACR15GM()E()
CR6224-()-()	



CHERRY POWER TOOLS

CHERRY TOOL	PULLING HEAD	RIVET DIA. PULLED
G701A	H701B-456 Straight	-4, -5
	H753A-456 Rt. Angle	-4, -5
	H781-456 Offset	-4, -5
G704B G704B-SR G704B-40SH	H701B-456 Straight	-4, -5, -6
	H753A-456 Rt. Angle	-4, -5, -6
	H781-456 Offset	-4, -5, -6
G746A	H701B-456 Straight	-4, -5, -6
	H753A-456 Rt. Angle	-4, -5, -6
	H781-456 Offset	-4, -5, -6
G744 G744-85SH	H744A-8 Straight	-8
	H828-8 Rt. Angle	-8
	H827-8 Offset	-8
G747	H846A-456 Straight	-4, -5, -6
	H701B-456 Straight	-4, -5, -6
	H753A-456 Rt. Angle	-4, -5, -6
	H781-456 Offset	-4, -5, -6

For reference only.

ACCEPT NO SUBSTITUTES



TEXTIRON Aerospace Fasteners

CherryLOCK® 'A' Blind Rivet Tooling

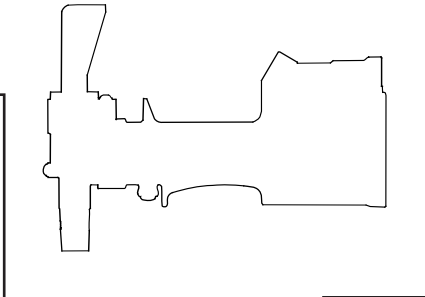
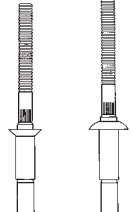
RIVET PART NUMBER AND TOOL CROSS REFERENCE

All rivet part numbers listed below can be installed with the Cherry power tools listed below.

RIVET PART NUMBERS

NAS PART NO.	CHERRY PART NO.
NAS1399D(JA)	CR2172
NAS1399B(JA)	CR2272
NAS1399M(JA)	CR2572
NAS1399MW(JA)	CR2572P
NAS1399MS(JA)	CR2572S
NAS1399C(JA)	CR2672
NAS1399CW(JA)	CR2672CW
NAS1399CS(JA)	CR2672S
NAS1398D(JA)	CR2173
NAS1398B(JA)	CR2273
NAS1398M(JA)	CR2573
NAS1398MW(JA)	CR2573P
NAS1398MS(JA)	CR2573S
NAS1398C(JA)	CR2673
NAS1398CW(JA)	CR2673CW
NAS1398CS(JA)	CR2673S

For reference only:



CHERRY POWER TOOLS

CHERRY TOOL	PULLING HEAD	RIVET DIA. PULLED
G701A**	H955-4	-4
	H955-5	-5
	H955-6*	-6
G704B**	H955-4	-4
	H955-5	-5
	H955-6*	-6
	H886-4	-4
	H886-5	-5
	H886-6	-6
G746A	H955-3	-3
	H955-4	-4
	H955-5	-5
	H955-6	-6
	H886-4	-4
	H886-5	-5
G715A	H9055-3	-3
	H9055-4	-4
	H9055-5	-5
	H9055-6	-6
	H9044-8/W/226	-8
G740A	H9055-4	-4
	H9055-5	-5
	H9055-6	-6
G747**	H955-3	-3
	H955-4	-4
	H955-5	-5
HAND RIVETERS	included	-3
	G29 728-033	-3
	G27 728-033	-3

*no Aluminum. **Requires double stroke for grips -5 and longer.

ACCEPT NO SUBSTITUTES



TEXTRON Aerospace Fasteners

Cherry MaxiBOLT® Blind Bolt Tooling

BLIND BOLT PART NUMBER AND TOOL CROSS REFERENCE

All blind bolt part numbers listed below can be installed with the Cherry power tools listed below.

RIVET PART NUMBERS

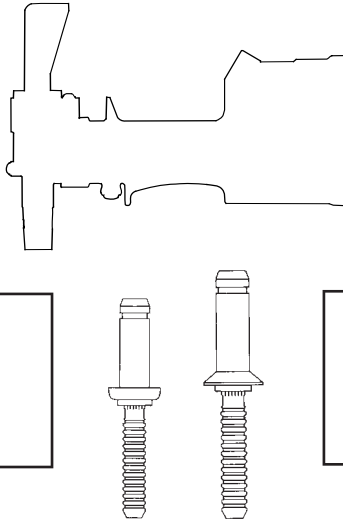
MS PART NO.	TAF PART NO.	BOEING PART NO.
MS90353S	CR7310S	
MS90354S	CR7311S	
MS21140S	CR7620S	
MS21141S	CR7621S	
	CR7340S	
	CR7341S	
	CR7650S	
	CR7651S	
	CR7770S	BACB30YY
	CR7771S	BACB30YU
	CR7773S	NONE
	CR7774S	BACB30YT

Δ Requires 700-253 Adapter
 * Requires 700-244 Adapter
 ** May require 95 PSI to install -5 dia.
 H83 pulling heads are available in press fit and threaded insert attachment configurations.
 An 'A' designation added to the part number, example H83A, indicates a pulling head with a threaded insert configuration.
 For reference only.

ACCEPT NO SUBSTITUTES

MAXIBOLT TOOLING

CHERRY TOOL	PULLING HEAD	RIVET DIA. PULLED
G83	H701B-456* Straight	-4
	H83A-5MB Straight	-5
	H83A-6MB Straight	-6
	H828-5MB ^A Rt. Angle	-5
G704B	H828-6MB ^A Rt. Angle	-6
	H701B-456 Straight	-4, -5
	H753A-456 Rt. Angle	-4, -5
	H781-456 Offset	-4, -5
G747	H701B-456** Straight	-4, -5
	H753A-456** Rt. Angle	-4, -5
	H781-456** Offset	-4, -5
	H846A-456 Straight	-4
G744	H744-5MB Straight	-5
	H744-6MB Straight	-6
	H828-5MB Rt. Angle	-5
	H828-6MB Rt. Angle	-6
G84	H856-6MB Offset	-6
	H83A-5MB Straight	-5
	H83A-6MB Straight	-6
	H84-8MB Straight	-8
G87D	H652-8 MB Straight	-8
	H652-8 MB Straight	-8
G85D-S	H652-8 MB Straight	-8





TEXTRON Aerospace Fasteners

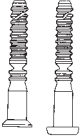
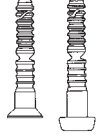
Lockbolt Tools

LOCKBOLT PART NUMBER AND TOOL CROSS REFERENCE

All rivet part numbers listed below can be installed with the Cherry power tools listed below.

**ACCEPT NO
SUBSTITUTES**

PULL TYPE LOCKBOLTS

NAS PART NO.	CHERRY PART NO.
NAS1446-1452	SALP-T
NAS7034-7042	S3LP-DT
NAS7014-7022	S3LP-EU
NAS1436-1442	SAL100-T
NAS7024-7032	S3L100-DT
NAS7004-7012	S3L100-EU
<i>Shear Lockbolts</i>	
	
NAS1465-1472	R3001-T
NAS1525-1532	2LP-E
NAS6965-6972	2LP-EU
NAS1475-1482	R3014-T
NAS1456-1462	R3002-T
NAS1535-1542	2L426-E
NAS1516-1522	2L509-E
NAS6955-6962	2L426-EU
NAS6946-6952	2L509-EU
<i>Tension Lockbolts</i>	
	

CHERRY POWER TOOLS

CHERRY TOOL	PULLING HEAD	LOCKBOLT DIA. PULLED
G83	H513-04-20*	1/8"
	H513-05-20*	5/32"
	H513-06-20*	3/16"
	H513-08-35*	1/4"***
G84	H513-04-20*	1/8"
	H513S-05-20*	5/32"
	H513-06-20*	3/16"
	H513-08-35*	1/4"
G87D	H513S-05-35	5/32"
	H513S-06-24	3/16"
	H513S-08-24	1/4"
	H513S-10-42	5/16"
G85D-S	H513S-12-42	3/8"
	H513S-05-35	5/32"
	H513S-06-24	3/16"
	H513S-08-24	1/4"
	H513S-10-42	5/16"

*Refer to H513 pulling head chart for alternate part numbers.

**Aluminum and titanium only.