INSTALLATION TOOLS
For more details check our website at http://cherryaerospace.com/documents/insttools?ToolDoc=All%20Tools

NON-SHIFTING RIVETERS

G704B  G746A  G747  G704B-405H  G704B-SR

NON-SHIFTING LOCKBOLT RIVETERS
(Power Assisted Piston Return)

G83A  G84  G84-LS  G87D  G85D-S

SHIFTING (DOUBLE ACTION) CHERRYLOCK RIVETERS

G686B-S  G689  G784  G700

PULLING HEADS

H701B-456 STRAIGHT
H747-456 UNIVERSAL STRAIGHT
H782 OFFSET
H781A-456 SINGLE JAW OFFSET
H753A-456 RIGHT ANGLE

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CA-1021 Rev. C, Date: 05-13-15 DCR#: 15-0309
BLIND FASTENERS

For product catalogs, process manuals, procurement specifications and other details please check our website at https://cherryaero.space/support/mastercatalog

BULBED CHERRymax® RIVETS

Bulbed CherryMAX® is a high strength retention lock plug blind rivet with a visibly inscribable mechanical locking device. CherryMAX® blind rivet system retains the large blind head of the Bulbed CherryLOCK® rivet. Each rivet is supplied with its own installation anvil which eliminates the problems experienced with worn anvils. CherryMAX® fasteners are available in 1/8" through 1/4" diameter in both nominal and 1/64" oversized diameters. The tools utilize one pulling head to install many diameters, head configurations and material combinations.

WIREDRAW CHERRymax®-AB® RIVETS

CherryMAX® "AB" rivets are shank expanding, locked-spindle, flush fracturing rivets meeting the requirements of NAS 1400 specification and conforming to NAS 1987/1999 “AB” code standard pages, but offering non-shift tooling installation without changing pull heads.

CHERRY MAXIBOLT® BLIND BOLTS

The CherryMAX® Blind Bolt alloy steel and A286 CRES conforms to NAS M8035/99354 and NAS M21140/21141, and meets the requirements of NAS-F-81177 and MIL-F-8975 and is listed in QPL1177 and QPL975.

BULBED CHERRYLock® RIVETS

The Bulbed CherryLock® is a high strength bulb rivet system with a visible, inscriptable locking collar. Available in 1/8" through 3/16" diameters, several head styles and various material strengths and combinations. Conforms to NAS 1740 specification and NAS 17387/739 standard pages.

WIREDRAW CHERRYLock® RIVETS

Wiredraw holefilling CherryLock® rivets offer the widest range of sizes (3/32" through 1/4" diameters) and strength levels of any blind fastening system. Conforms to NAS 1400 specification and NAS 13987/1399 standards pages.

CHERRY® NUT-PLATE RIVETS

Cherry® Nut-plate blind rivets are manufactured in 3/32" and 1/8" diameters, steel or CRES, for quickly and economically installing nut-plates to NAS M35207 requirements, with one operator. There are no blind side or limited accessibility problems, no damage or distortion to the surrounding material or nut baskets. They are available in pull-through or self-plugging styles and may be installed with hand or pneumatic tools.

CHERRY® MS RIVETS

Cherry® MS self-plugging and pull-through rivets and tooling systems have been a reliable standard of the industry since their introduction. Although superseded by the locked-spindle specifications NAS 1400 and NAS 1740, Cherry® MS rivets are still widely used under M35200/00/40/45 part numbers.

CHERRY SST® BLIND RIVETS

The Cherry® SST® Blind Rivet System was designed to solve many of the blind fastening problems associated with aircraft assemblies requiring superior sheet take-up. Installation of the SST Blind Rivet System ensures consistent and permanent fastening of difficult assemblies with inherent gapping or slightly misaligned holes. The SST Blind Rivet System can be installed with standard CherryMAX® tooling with no adjustments needed. Eliminate sheet gaps in your toughest assemblies. Nominal and oversize in 4-, 5-, and 6-diameters are available in three head styles, universal, 100° flush and 100° reduced flush (NAS 1097).

SELF-PLUGGING RIVET (SPR®)

Cherry® 3/32" Self Plugging, locked spindle blind rivets are designed for the attachment of nut plates and other applications requiring the use of a 3/32" diameter, aluminum sleeve, self-plugging rivet. They meet and exceed strength requirements of MIL-N-5227 for torque-out and push-out of nut plates.

TACKING RIVET

The Cherry® CCR284 Tacking Rivet is designed to improve drill-out by using external splines on the rivet shank to prevent rotation. The Cherry® Blind Tacking Rivet System is available with a 5056 sleeve and a C-1018 steel stem. Sleeve finishes include clear, red or black anodize.

CHOBERT®

The Chobert® speed fastening design provides customers with a rapid assembly system. Chobert® rivets are installed by the customer on a re-usable mandrel. The installation process is simple and efficient; successive rivets are installed in pre-drilled holes on each cycle of the installation tool’s trigger.

MBC®

The industry approved MBC® system is one of the industry’s simplest and most versatile riveting systems available today. This lightweight high-strength riveting system features a flush breaking stem. The mechanically locked stem contributes substantially to the integrity and performance of the fastener.

SP

The SP rivet provides the aerospace customer with a reliable and time-proven self-plugging blind fastener. The SP products are qualified to NAS standards.

LOCKBOLT PINS AND COLLARS

The Cherry Lockbolt Pins and Collars are two piece structural fasteners available in a variety of materials and configurations. The pins are available as "pull" or "stump" types in 1/8" through 3/8" diameters (nominal and oversize). They are manufactured to applicable NAS standards from Aluminum, CRES or Steel with protruding and flush head styles. Our Collars conform to NAS1080 and are manufactured from Steel, CRES, Monel or Aluminum.

SHEAR PIN FASTENERS

CHERRY®BUCK® 95 KSI ONE-PIECE SHEAR PINS

The CherryBUCK® shear pin is a bi-metal, one piece fastener which combines a 55ksi shear 641-4V titanium shank with a ductile TiCb tail to provide weight savings over two-piece, pin and collar, shear pin fasteners and reduce installation costs through one-piece automated riveting equipment.

CHERRY E-Z BUCK® SHEAR PINS

Cherry® E-Z Buck® is a 50 ksi ductile TiCb alloy solid rivet. Its ductility eliminates the sheet distortion found when using monel rivets. The TiCb alloy provides weight savings of 33% over monel and 26% over A-286 CRES rivets. Cherry® E-Z BUCK® titanium alloy rivets are complementary to CherryBUCK® bimetallic titanium rivets.

FASTENERS FOR COMPOSITE

CHERRY® 1900

The Cherry 1900 is manufactured to meet NAS1919 and NAS1921 and is available in all sizes and materials. This fastener has become a faster tooling choice in many aircraft designs because of the increased use of composites. Our “Shift Washer” design extends the tool life and utilizes the Cherry® “one tool concept” making the logistics of installing different sizes and types of fasteners much simpler.

TITANiUM MAXiBOLT®

Titanium MaxiBOLT® Blind Bolts feature expanded performance capabilities for metallic and composite blind fastening applications. They provide a flush, burn-free installation with no shaving required. The Titanium MaxiBOLT® offers fast and consistent installation by utilizing single action tooling with a patented shift washer design. The all titanium sleeve and stem are compatible with exotic composite materials, they cause no delamination of the exit side of the structure during installation and offer a blindside slope tolerance up to 7°.

TUFTiANE COATED BLiND RiVETS

TUFTiANE coated Cherry® rivets are designed for use in composites. The Tuftiane coating is applied directly to aluminum or other sleeve material fasteners to provide a barrier against corrosion attack.

CHERRY HOLLOW END E-Z BUCK®

The Cherry Hollow End E-Z Buck® is a double flush, cavity type rivet of TiCb material uniquely designed for use in a “split” version, in which a light hand held unit is connected by hoses to a remote power unit.

• Non-shifting riveters: only the active piston stroke provides power
• Lockbolt Riveters: both the active and the return piston stroke provide power
• Shifting (Double Action) Riveters: these CherryLock™ riveters have two pistons working together to complete the fastener installation
• Hand Powered Riveters: Operated by hand power, our G800 weighs less than 2 Lbs. and provides up to 5000 lbs of pull force.

We also offer a wide variety of straight, offset and right angle pulling heads, adaptors, tool and service kits. For assistance please contact us at 714-545-5511; we would be happy to help.

HAND RIVETERS

G30

G800 CMR KIT

G800

(continued on back cover)