

OLD - A DIRECT QUOTE
from FAA AC-65-9A

CHERRYLOCK® RIVETS

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TEXTRON Aerospace Fasteners

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CHERRYLOCK® RIVETS ... ARE LOCKED SPINDLE AND FLUSH FRACTURING
STRUCTURAL BLIND RIVETS (within the spindle & locking flushness limits of NAS 1400 & NAS 1740)

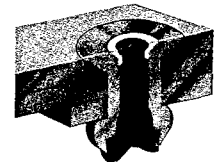


BULBED CHERRYLOCK®

The large blind head of this fastener introduced the word "bulb" to blind rivet terminology. In conjunction with the unique residual preload developed by the high stem break load, its proven fatigue strength makes the Bulbed Cherrylock® blind rivet interchangeable structurally with solid rivets.

Exceeds Procurement specification NAS1740.
Conforms to Standards pages NAS 1738 & 1739.

All fasteners should be specified and used in accordance with manufacturer's recommendations, using the grip range and hole size information provided in this catalog.



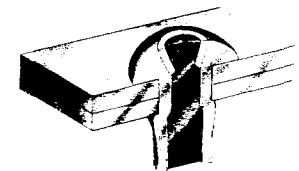
Maximum Grip



CHERRYLOCK®

Provides a wide range of sizes, materials and strength levels.

Conforms to Procurement specification NAS 1400 and Standards pages NAS 1398 & 1399.



(MINIMUM GRIP ILLUSTRATED)

BOTH THE CHERRYLOCK AND BULBED CHERRYLOCK RIVETS OFFER EVERY FEATURE DESIRED IN AN AIRCRAFT BLIND RIVET —

- MECHANICALLY LOCKED STEM (Assured reliability — no lost stems)
- POSITIVE HOLE FILL (Increased joint strength)
- GENUINE FLUSH FRACTURING SPINDLE (No shaving, as with other so-called 'flush-break rivets', even in thin sheets)
- WIDE GRIP RANGE (A full 1/16")
- HIGH SHEET CLAMP-UP (Increased fatigue strength)
- HEAD MARKING (Grip, materials, and mfgs. identification for ready inspection)
- SELF-INSPECTING (If it looks right, it is right)
- EXCELLENT HEAD SEATING (Fewer rejections)

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ATTENTION
Blind rivets are not always a suitable substitute for solid rivets. Maintenance personnel are reminded that AC 43.13-1A chapter 2, section 3 stipulates:
"Do not substitute hollow rivets for solid rivets in load carrying members without specific approval of the application by a representative of the Federal Aviation Administration. Blind rivets may be used in blind locations in accordance with the conditions listed in Chapter 5, provided the edge distances and spacings are not less than the minimum listed in paragraph 99d."

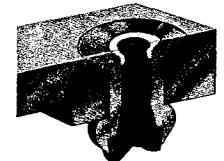
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CHERRYLOCK® RIVETS... ARE LOCKED SPINDLE AND FLUSH FRACTURING
STRUCTURAL BLIND RIVETS (within the spindle & locking flushness limits of NAS 1400 & NAS 1740)



BULBED CHERRYLOCK®

The large blind head of this fastener introduced the word "bulb" to blind rivet terminology. Bulbed CherryLOCK Rivets are locked spindle and flush fracturing structural rivets. They conform to Procurement Specification NAS1740 and Standards Pages NAS1738 and NAS1739. Bulbed CherryLOCK can be utilized in both thick and thin sheet applications.



Maximum Grip

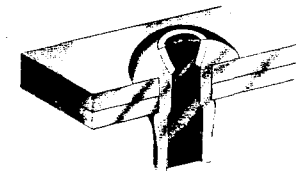
All fasteners should be specified and used in accordance with manufacturer's recommendations, using the grip range and hole size information provided in this catalog.



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(MINIMUM GRIP ILLUSTRATED)

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- **MECHANICALLY LOCKED STEM**
(Assured reliability — no lost stems)
- **WIDE GRIP RANGE**
(A full 1/16")
- **SELF-INSPECTING**
(If it looks right, it is right)
- **POSITIVE HOLE FILL**
(Increased joint strength)
- **HIGH SHEET CLAMP-UP**
(Increased fatigue strength)
- **EXCELLENT HEAD SEATING**
(Fewer rejections)
- **GENUINE FLUSH FRACTURING SPINDLE**
(No shaving, as with other so-called 'flush-break rivets', even in thin sheets)
- **HEAD MARKING**
(Grip, materials, and mfgs. identification for ready inspection)

NEW

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WARRANTY

Textron Aerospace Fasteners, a Division of Textron Inc. (hereinafter "TAF"), hereby warrants to the initial retail customer ("Warranty") only that its products will be free from defects in material and workmanship, provided that the products are used in accordance with TAF's instruction as to maintenance, operation and use. The foregoing warranty is limited to products that are in the original container and the duration of the warranty is limited to 90 days from the date of first use by the Warranty.

This Warranty's only remedy and TAF's only obligation in the event of a defect or failure in the products, is that TAF will, at its sole option, repair, replace, or rework the products, but in no case shall the cost of the foregoing exceed the invoice price of the products.

This Warranty shall be void if any person seeking to make a claim for defective or failed products fails to notify TAF within thirty (30) days after receipt of evidence that the product is defective or has failed, or if said person fails to provide TAF with such evidence as is reasonably requested

concerning the defect or failure, including without limitation, evidence of the date of purchase and date of installation.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TAF EXPRESSLY DISCLAIMS LIABILITY FOR ALL INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES ARISING FROM ANY DEFECT OR FAILURE IN ITS PRODUCTS. TAF FURTHER DISCLAIMS ALL LIABILITY RESULTING FROM THE USER'S CHOICE OF ITS PRODUCTS FOR ANY PARTICULAR APPLICATION.

The properties, strengths, dimensions, installed characteristics and all other information in this catalog is for guidance only to aid in the correct selection of the products described herein and is not intended or implied as part of the above warranty. All applications should be evaluated by the user of the products for functional suitability and evaluations.

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CHERRYMAX® RIVET BENEFITS

DRIVING ANVIL

A driving anvil is part of each CherryMAX® Rivet assembly. This Driving Anvil eliminates wear and replacement of expendable installation tool components, considerably extending the life of the installation tool.

It also allows one pulling head to install:

- 1/8", 5/32", and 3/16" Nominal and Oversize Diameter Rivets
- Protruding, 100° Flush and 100° Flush Shear, Unisink, and 120° Flush Head Styles
- All CherryMAX® Rivet grip lengths
- All CherryMAX® Rivet sleeve/stem material combinations

LOCKING COLLAR

The CherryMAX® Rivet features the patented "Safe-Lock" Locking Collar which enhances joint integrity and reliability.

The "Safe-lock" Locking Collar is preformed to the stem during a sub-assembly operation, then deforms into the rivet sleeve head recess during installation, locking the rivet sleeve and stem together.

The "Safe-lock" Locking Collar is visible and inspectable after installation.

The "Safe-lock" Locking Collar installs flush with the rivet sleeve head.

The "Safe-lock" Locking Collar is approved for use in engine inlets and components. They will not vibrate loose after installation.

RIVET

The CherryMAX® Rivet is available in both nominal and 1/64" oversize shank diameters and is available in four material combinations:

- 5056 Aluminum Sleeve/Alloy Steel Stem (50KSI Shear)
- 5056 Aluminum Sleeve/Cres Stem (50KSI Shear)
- Monel Sleeve/Cres Stem (75KSI Shear)
- INCO 600 Sleeve/INCO X-750 Stem (75KSI Shear)*

TOOLING SIMPLICITY

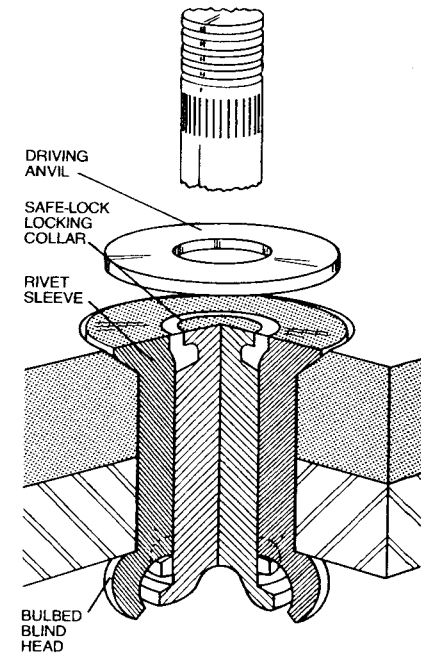
Lightweight, non-shifting installation tools require no adjusting.

Limited access capability with Right Angle and Offset Pulling Heads and Extensions for greater reach and "Split" tools for special applications including automation and robotics.

BULBED BLIND HEAD

Provides a large bearing surface area on the blind side of the structure, giving dependable results, even when installed in difficult thin sheet stack-up applications.

* Oversize Only.



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CA-07-10M-0798

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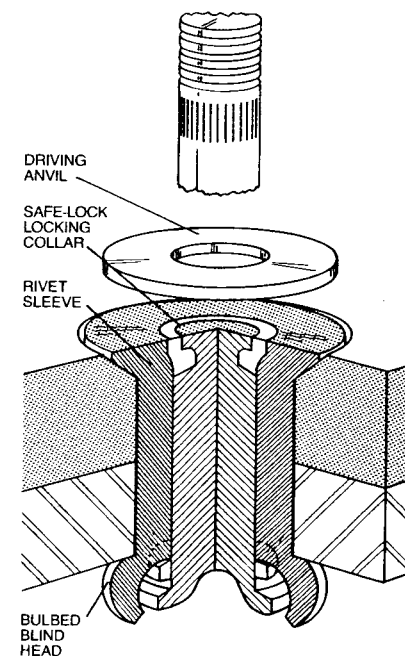
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