



## TECHNICAL SALES BULLETIN

DOCUMENT NUMBER: TSB 22-01  
REVISION: B  
DATE: 6/20/23  
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### BLIND BOLT DRIVE ANVIL FINISHES

#### **Purpose:**

The purpose of this document is to communicate visible differences in drive anvil finishes for affected blind bolts.

#### **Affected Blind Bolts:**

UAB™ blind bolt

Unimatic® blind fastener with a "W" code

NAS1900/NAS1919/NAS1921 blind rivets with a "U" code

#### **Comments:**

UAB™ blind bolt, Unimatic® blind fastener and NAS1919U/NAS1921U code parts use a driving anvil as part of the installation process. Driving anvils are essentially single use tools and are discarded after the fastener is installed on the aircraft. Attributes such as material, finish and geometry are not defined on the fastener drawing and are applied at the discretion of the fastener manufacturer.

HFS Tucson determined that a zinc plated drive anvil is a preferred finish over the previously used black oxide and has therefore implemented this change in the manufacturing process.

As a result of the change to a zinc plate, product may be seen with drive anvils that are either black or clear silver in appearance. See page two for photographs.

It should be noted this change has no effect on the functionality of the fastener whatsoever. No changes were made to the fasteners with the conversion to zinc plated drive anvils.

If you have further questions, contact:

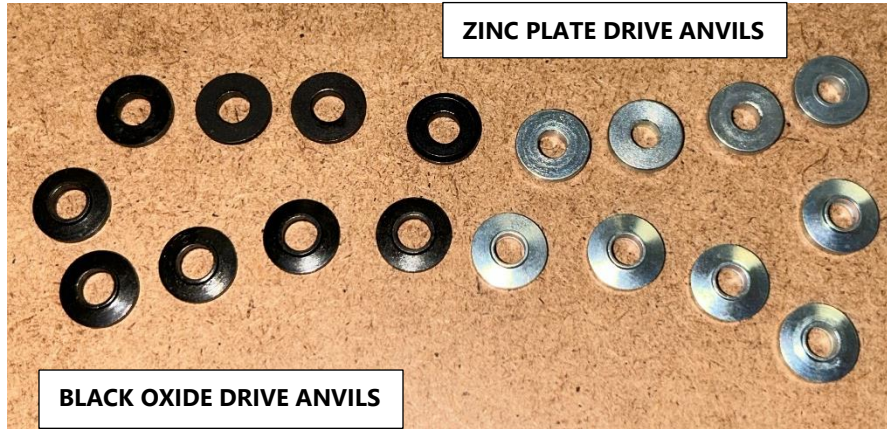
[HFSTechSupport@howmet.com](mailto:HFSTechSupport@howmet.com)



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**DRIVE ANVILS, UAB™ BLIND BOLT**



**DRIVE ANVILS, NAS1919/NAS1921 & UNIMATIC® BLIND FASTENER**