

# Aerospace Industry



## Problems

### Advanced alloys and difficult working positions

- Demanding applications such as stainless and titanium rivets.
- Extension and stub drills may be required for hard to reach areas.
- Hand tool applications require drills that are stable and prevent walking.



## Solutions

### NAS 907 and Q-AMD

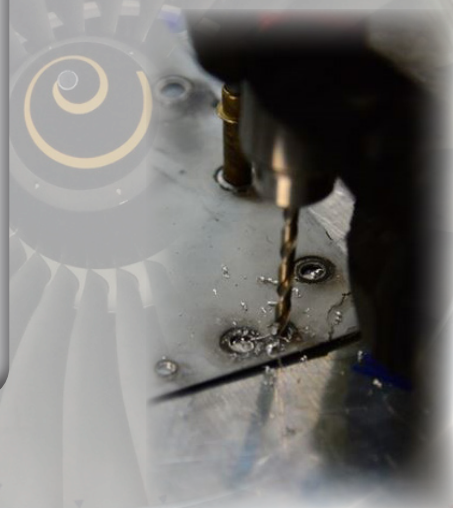
#### Drilling:

**Cleveland® Aircraft NAS 907 Type J**  
Style: 2213 and 3722

**Cleveland® Aircraft NAS 907 Type C**  
Style: 2330

**Cleveland® Q-AMD™ Cobalt Short Flute**  
Style: 3780

See the  
reverse side  
for specific  
product  
solutions.



Greenfield Industries  
www.gfii.com  
Seneca, SC 29678 USA  
800-348-2885 USA & Canada  
706-650-4196 International

**Greenfield Industries will help you  
save time and increase productivity  
in your toughest applications.**





**Greenfield Industries** manufactures cutting tools for the Aerospace Industry in a large variety of sizes and styles.

## Problems

Alloys commonly used in the Aerospace industry can rapidly degrade cutting tools. Stainless and Titanium alloys are prone to work hardening, creating intense friction and heat. Complex airframe geometry can cause access challenges for drilling applications, requiring additional reach or more compact tools to fit in tight spaces.

## Solutions

### Drilling

#### **Cleveland® Cobalt Drill** (Style: 2213)

Cobalt drill bits resist heat allowing them to stay sharper and last longer. Increase your productivity by getting 3-4 times longer tool life versus standard HSS drills. Type J drills are equipped with an anti-walk split point that makes accurate drilling possible with hand tools. Available in 6-inch and 12-inch Aircraft Extension Lengths (Style 3722).



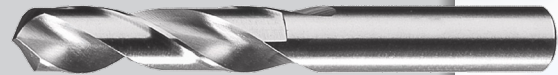
Style: 2213



Style: 3722

#### **Cleveland® Aircraft NAS Type C**

(Style: 2330) Compact screw machine drills offer the greatest rigidity of the various drill bit lengths. 135° split point is self-centering and assists with drilling accuracy.



#### **Cleveland® Cobalt Short Flute**

(Style: 3780) Q-AMD™ Cobalt drills are designed for demanding applications. With a short fluted portion and a high helix for efficient chip removal, Q-AMD™ is a great choice for work hardening materials.



**Greenfield Industries**  
www.gfii.com  
Seneca, SC 29678 USA  
800-348-2885 USA & Canada  
706-650-4196 International

**Make it Easy!**  
Download our  
literature here.

