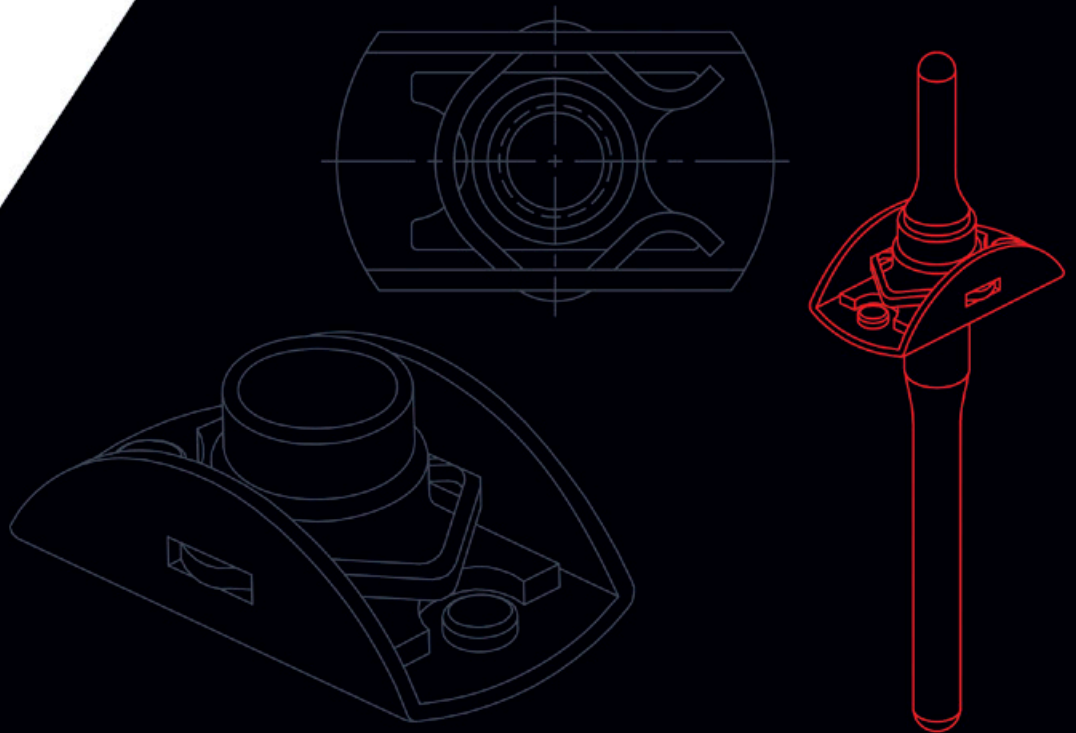


**CLICK
BOND®**

Adhesive-Bonded Nutplate Technology

NUTPLATES



PIONEERING > ADVANCED > SOLUTIONS

Adhesive-Bonded Rivetless Nutplates

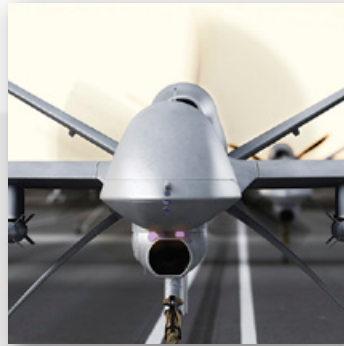
Fewer Holes, Less Weight, Easy Installation



- Requires only one drilled hole instead of three
- Increases performance & structural life
- Reduces galvanic corrosion
- Prevents structural fatigue
- Significantly reduces total installation costs
- Provides substantial weight savings
- Compatible with metal & composite structures
- Reduces potential for FOD (foreign object debris)



PRESERVES STRUCTURAL INTEGRITY



65% LESS INSTALLATION TIME

One Drilling Event

Bolt hole



Click Bond Rivetless Nutplate

Three Drilling Events

Rivet mounting hole

Bolt hole

Rivet mounting hole



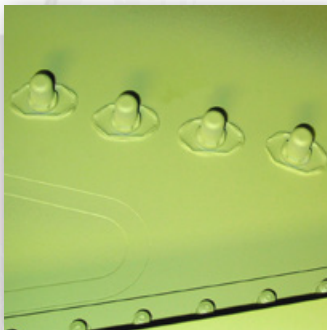
Standard Riveted Nutplate

MORE TYPES. MORE MATERIALS.

Application-Specific Engineered Designs
Need a unique solution? Let us design it for you.



Standard Nutplates

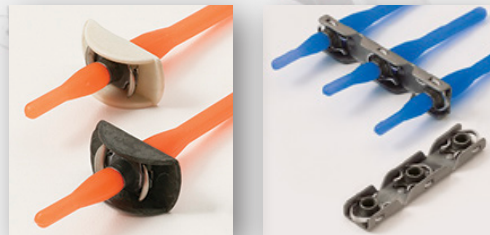


Sealed Nutplates



Sleeved Nutplates

Standard Nutplates



- Secure panels, skins, and access covers
- Double and triple nut configurations available
- Clip and bracket retained nut elements permit post-installation nut replacement
- Standard and high-reuse nut elements available

Baseplate Types

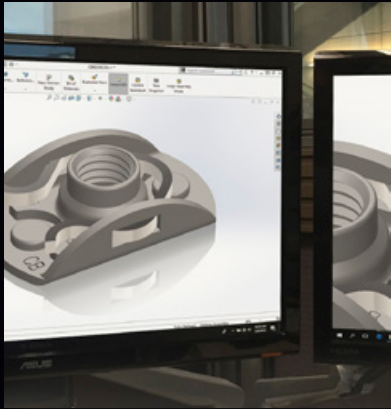


Clip Retained

Bracket Retained

Foldover

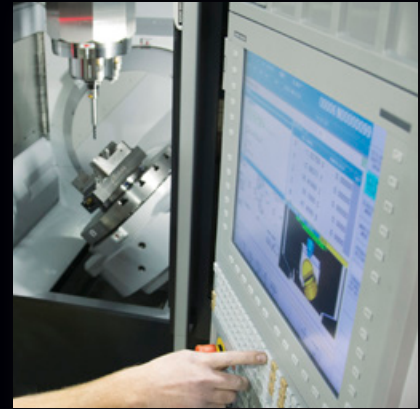
MORE SOLUTIONS.



Your design begins with Solid Works 3D modeling



A 3D prototype part is created, taking hours instead of weeks



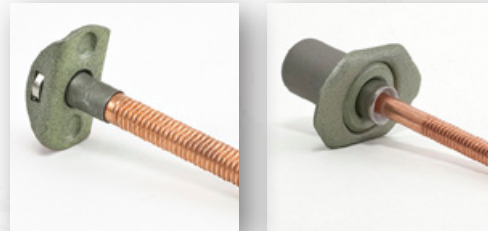
Production parts are quality checked to ensure they match your specifications

Sealed Nutplates



- Suitable for submerged applications
- Ideal for closeout of fluid-filled bays and tanks or pressure vessels
- Suited for jet fuel environments
- Facilitates lightning strike mitigation

Sleeved Nutplates



- Combines bonded nutplates and ACRES® sleeves, delivering enhanced hole bore protection
- FLEXBOND® nutplates are the ultimate solution for structural fatigue life enhancement
- Provides secondary mechanical retention of nut element in addition to adhesive

Baseplate Materials



Aluminum

Anodized Aluminum

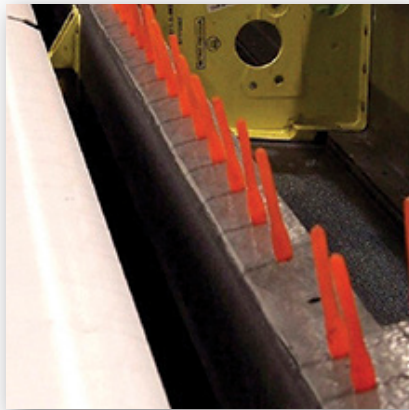
A-286/304 CRES

Glass

Carbon

High-Reuse Nut Elements

- 50 cycle durability ideal for titanium bolt applications
- Our unique design and installation process offers significant reduction in galling
- Available in a full-range of thread sizes



Nut element threads are coated with significant lubricity to avoid galling.

High-Strength Split-Beam Nuts

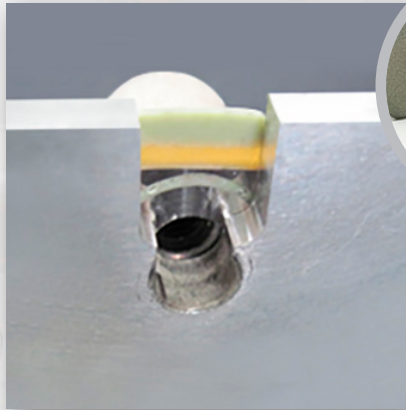
- These high-strength nutplates incorporate innovative thread-locking technology that reduces the potential for galling and thread seizing
- 250 reuse cycles – great for access covers that require frequent removal
- Withstands intense shock and vibration



Flex Sleeve Nutplates

Combines adhesive-bonded nutplate and ACRES® Sleeve technology to provide:

- Secondary mechanical retention – in addition to adhesive
- Lightning strike protection – enables electrical conductivity through the substrate
- Structural integrity – improves fatigue life by cold working the drilled hole through a slightly larger mandrel that expands the inserted sleeve



The mandrel causes the sleeve to expand, providing enough force to provide a secondary retention of the nutplate in the structure.

Metric Nutplates

- Click Bond rivetless nutplates are readily available in metric sizes
- Miniature nutplates available in M3 to M8 sizes
- Ideal for automotive and drone applications



CUSTOM SOLUTIONS



**CLICK
BOND®**

Expanding the Possible

Our engineers and scientists strive to be virtual extensions of your design team, refining design ideas together. Our state-of-the-art technology includes:

- Solid Works 3D modeling
- FEA (Finite Element Analysis)
- In-house 3D prototype printing
- GOM laser measuring system

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