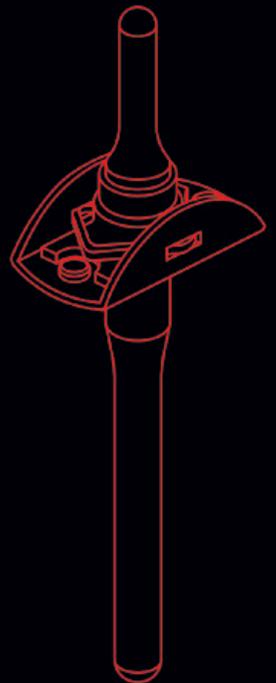
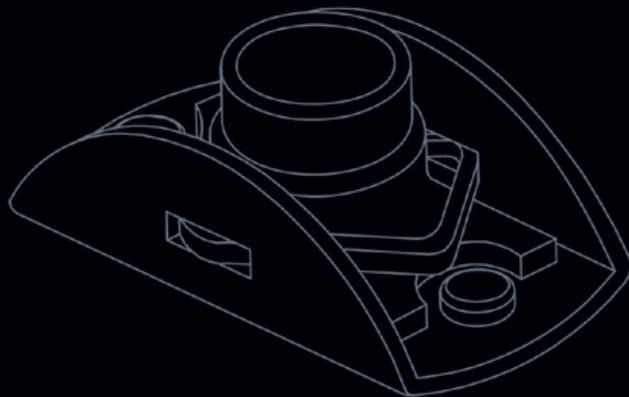
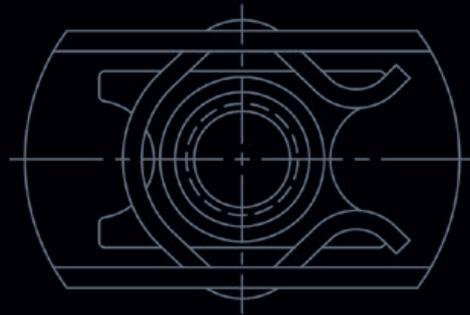


NUTPLATES



**CLICK
BOND®**

Adhesive-Bonded Nutplate Technology



PIONEERING > ADVANCED > SOLUTIONS

Adhesive-Bonded Rivetless Nutplates

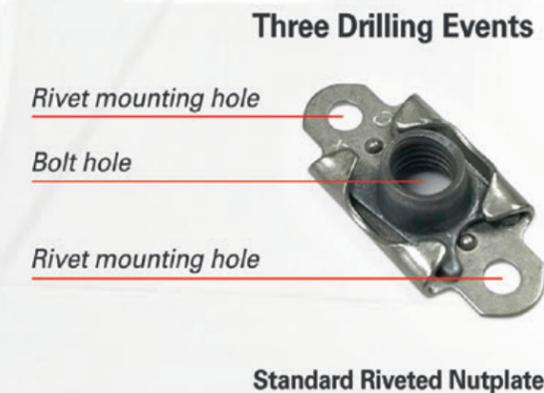
Fewer Holes, Less Weight, Easy Installation

PRESERVES STRUCTURAL INTEGRITY



- 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)

65% LESS INSTALLATION TIME



MORE TYPES. MORE MATERIALS. MORE SOLUTIONS.

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



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



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

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

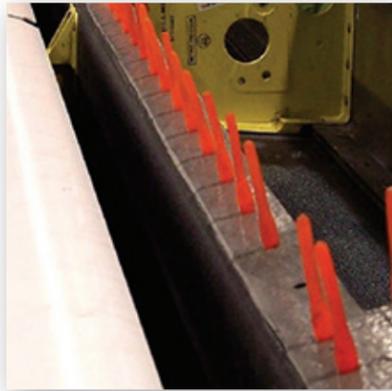
A-286/304 CRES

Glass

Carbon

High-Reuse Nut Elements

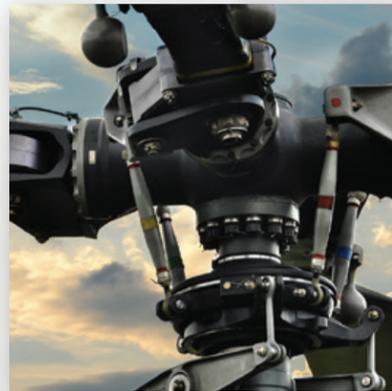
- 50 cycle durability ideal for titanium bolt applications
- Our unique design and installation process offers significant reduction in galling
- Available in a full-range of thread sizes



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

High-Strength Split-Beam Nuts

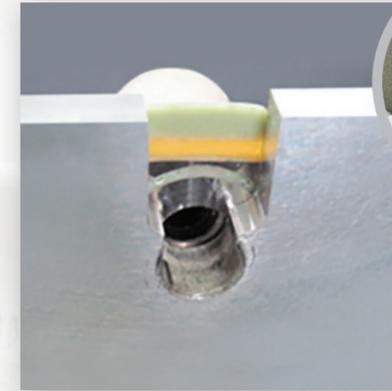
- These high-strength nutplates incorporate innovative thread-locking technology that reduces the potential for galling and thread seizing
- 250 reuse cycles – great for access covers that require frequent removal
- Withstands intense shock and vibration



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



YOUR CHALLENGES. OUR 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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