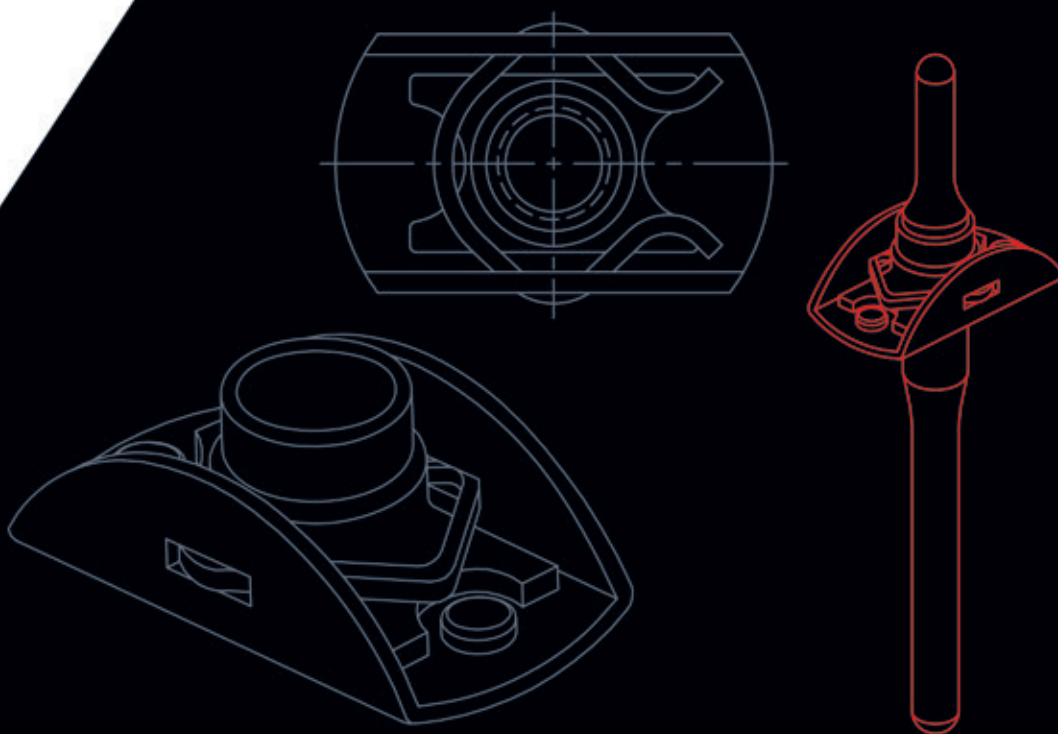


**CLICK
BOND®**

Adhesive-Bonded Assembly Technology

AEROSPACE



PIONEERING > ADVANCED > SOLUTIONS

Fastening Solutions that Require No Installation Holes

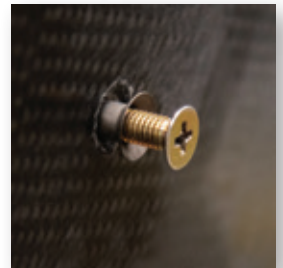
- Streamline Manufacturing
- Fewer Drilled Holes Prevent Fatigue Cracks
- Preserve Structural Integrity
- Prevent Corrosion
- Provide Significant Weight Reduction
- Reduce Installation Cost
- Ideal for Installation in Tight Spaces



Rivetless Nutplates



LoMas® Screw



ACRES® Sleeves



Adhesive-Bonded Mounts

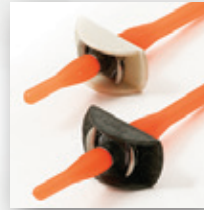


Studs & Standoffs

For more information, please contact sales at +1-775-885-8000, or email: sales@clickbond.com

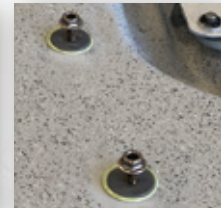
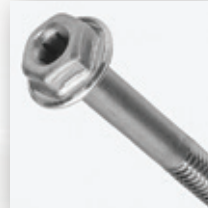
Rivetless Nutplates Require Fewer Drilled Holes

- Eliminates drilling rivet holes so requires one hole not three
- Reduces installation time by 65%
- Preserves structural integrity and longevity through fewer holes
- Offers significant weight reduction



LoMas® Screws Provide Substantial Weight Savings

- Deep drawn manufacture for optimal strength-to-weight properties
- Captive washer reduces part count and minimizes Foreign Object Debris (FOD)
- Interchangeability with standard fasteners enables straightforward retrofits
- Reduces seizing or galling when compared to titanium screws



ACRES® Sleeves Prevent and Repair Oversize Hole Conditions

- Prolongs the life of structural composite panels
- Prevents corrosion and in-service fatigue
- Repairs damage from mis-drilled holes
- Eliminates costly, long lead-time, oversize fasteners



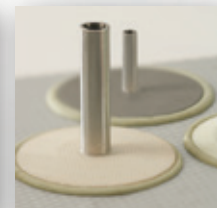
Adhesive-Bonded Mounts Eliminate Need for Drilling

- Affords greater design flexibility in new aerospace products
- Provides more installation options as location is not limited by hole placement
- Eliminates drilling, which can compromise structural integrity, or be hazardous
- Securely bonds to a variety of composite materials





Studs & Standoffs Simplify Installation

- Allows attachment to highly stressed, fatigue critical, or fluid tanks
- Eliminates cost of drilling-related errors in systems installation
- Prevents galvanic corrosion, leak paths, and crack-starting holes
- Greatly simplifies installations and retrofits, while preserving structural integrity






Click Bond fastening solutions come in thousands of sizes, styles, & materials. Contact a Click Bond sales representative to help you determine the correct part number for your application.

MOUNTS

Image	Part No. & Description	Performance Guidelines
	CB3019 Swivel Cable-Tie Mount	Exceeds MS3367 50lb (23kg) requirement
	CB4021 Standoff Cable-Tie Mount	55 lbs. (25 kg) Lateral Shear 60 lbs. (27 kg) Lateral/Right Angle 85 lbs. (40 kg) Tension
	CB4022 Right-Angle Bracket	100 lbs. (45 kg) Right-Angle Shear 250 lbs. (115 kg) Tension
	CB4523 Standoff Bracket	70 lbs. (30 kg) Shear 1.0 in (25 mm) Offset 300 lbs. (135 kg) Tension
	CB9302 Miniature Cable-Tie Mount	Exceeds MS3367 50 lbs. (23 kg) requirement
	CB4560 Cable-Tie Mount	Exceeds MS3367 50 lbs. (23 kg) requirement
	CB9151 Transverse Cable-Tie Mount	Exceeds MS3367 50 lbs. (23 kg) requirement
	CB9173-CB9174 Insulation Blanket Mount	35 lbs. (15 kg) Shear .75 in (19 mm) Offset 45 lbs. (20 kg) Tension
	CB9651 Insulation Blanket Retainer 1.25" (31.8mm) Dia. Base	Contact Click Bond for specific application performance
	CP125 Click Patch 1.25" (31.8mm) Dia. Base	Contact Click Bond for specific application performance

STUDS





Image	Part No. & Description	Performance Guidelines
	CB5000 Threaded Stud 0.62" (15.9 mm) Dia. Base Imperial Thread: 04-4 Metric Thread: 3M-6M	400 lbs. (180 kg) Shear 250 lbs. (115 kg) Tension
	CB3000 Threaded Stud 1.25" (31.8 mm) Dia. Base Imperial Thread: 06-5 Metric Thread: 3M-8M	2000 lb (900 kg) Shear 1000 lb (450 kg) Tension
	CB4005 Threaded Stud 1.25" (31.8 mm) Dia. Base Imperial Thread: 08-3 Metric Thread: N/A	Contact Click Bond for specific application performance

ADHESIVES

Part Number	Mix Ratio (Vol.)	Cure Properties (at room temp. 72°F / 22°C)					
		Working Time	Handling Strength	Full Strength	Service Temp.		Shear ASTM D1002
					Min.	Max.	
CB200	8:1	5 Min.	30 Min.	24 Hrs.	-67°F (-55°C)	250°F (121°C)	4400psi (30.3 Mpa)
CB359	2:1	60 Min.	24 Hrs.	5-7 Days	-67°F (-55°C)	200°F (93°C)	4500psi (31 Mpa)

NOTE: All CB3XXX series parts are metallic base and all CB4XXX series parts are composite base.
Contact a Click Bond Representative for more details and to assist with specific application solutions.




STANDOFFS

Image	Part No. & Description	Performance Guidelines
	CB5001 Threaded Standoff 0.62" (15.9 mm) Dia. Base Imperial Thread: 06-3 Metric Thread: 3M-5M	400 lb (180 kg) Shear 250 lb (115 kg) Tension
	CB3001 Threaded Standoff 1.25" (31.8 mm) Dia. Base Imperial Thread: 06-3 Metric Thread: 3M-5M	Contact Click Bond for specific application performance
	CB4001 Threaded Standoff 1.25" (31.8 mm) Dia. Base Imperial Thread: 06-3 Metric Thread: 3M-5M	Contact Click Bond for specific application performance
	CB4002 Threaded Standoff 1.25" (31.8 mm) Dia. Base Imperial Thread: 08-3 Metric Thread: 5M	120 lbs. (35 kg) Shear 1.0 in (25 mm) Offset 400 lbs. (180 kg) Tension

NUTPLATES

Image	Part No. & Description	Performance Guidelines
	CB6011 Open Nutplate - One Lug	Nutplates meet NASM25027 and ISO5858 strength requirements
	CB6009 Open Nutplate - Two Lug	
	CB6008 Sealed Nutplate - One Lug	
	CB6010 Sealed Nutplate - Two Lug	
	CB6014 Miniature Nutplate	
	CB4009 Composite Nutplate	
	CB6012 Gang Nutplate - Double	
	CB6080 Sealed Insulated Nutplate Two Lug	
	CB6490 Sealed Flex Nutplate Two Lug	
	CB9530 Sealed Flare-Sleeve Nutplate Two Lug	

DISPENSING

Image	Part Number & Description
	CB100-21 Manual Adhesive Dispenser and Slide for use with CB359
	CB100-81 Manual Adhesive Dispenser and Slide for use with CB200
	CB106 Mixing Tip



5000+ PRODUCTS



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With more than 5000+ products offered worldwide, our reputation is rooted in providing advanced designs and solutions that achieve unmatched value over the customer's product life cycle.

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