

CLICK
BOND®

Adhesive-Bonded Fastener Technology

Enhances Structural Design & Integrity

Streamlines Manufacturing

Facilitates Modification & Repair

AEROSPACE



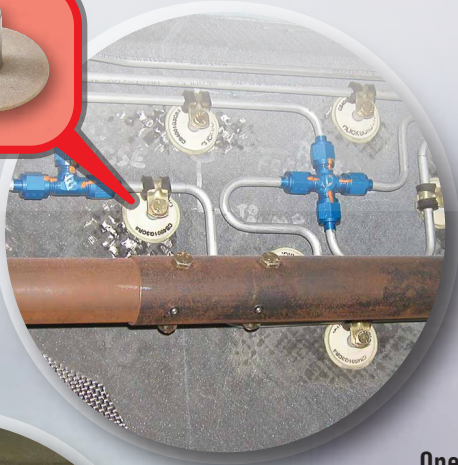
PIONEERING > ADVANCED > SOLUTIONS

Streamlining the Design and Production of Modern Aerospace Systems

Example Fastener Solutions for Aerospace Environments



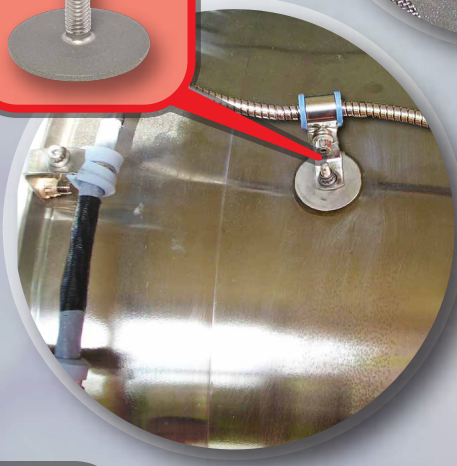
CB4001
Threaded Standoff
Composite Base



CB6009
Open Nutplate



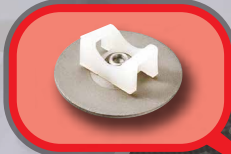
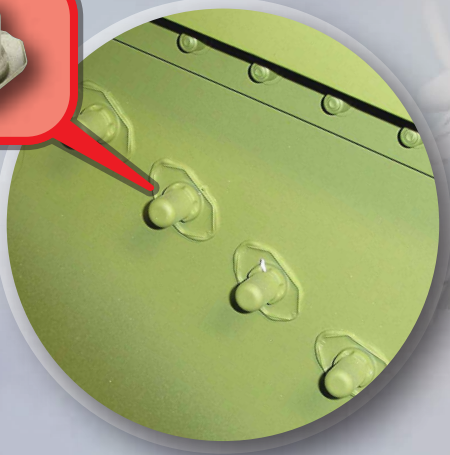
CB3000
Threaded Stud
Metallic Base



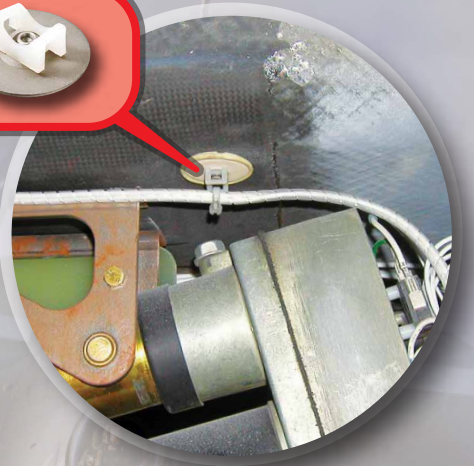
CB4021
Standoff
Cable-Tie
Mount



CB6010
Sealed Nutplate



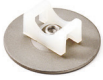









CB3019
Swivel
Cable-Tie
Mount






CB4022
Right-Angle Bracket



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.



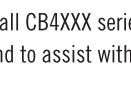
STANDOFFS

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

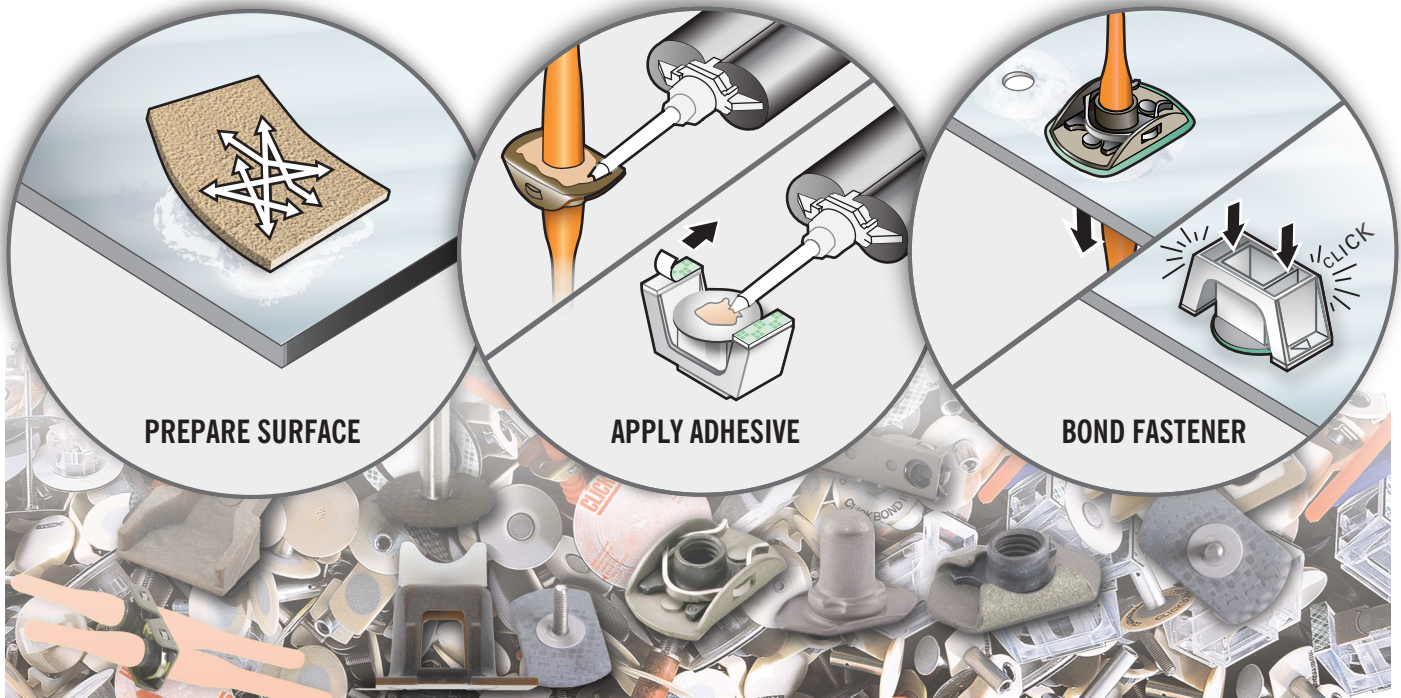
NUTPLATES

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

Click Bond's Unique Adhesive-Bonded Fastening System



All Click Bond adhesive-bonded fasteners are supplied with installation fixtures. These fixtures clamp the fasteners in place under positive pressure while the adhesive cures. This ensures optimal joint strength, bond-line consistency, and reliability of the fastening system.

Greatest Benefits of Click Bond Fasteners

- Reduce manufacturing cycle time and labor cost
- Reduce the number of holes drilled in structure
- Reduce structural stress and improve fatigue performance
- Minimize Foreign Object Damage (FOD)
- Prevent corrosion and leak paths