

**CLICK  
BOND**®

## **Adhesive-Bonded Fastener Technology**

Enhances Structural Design

Streamlines Manufacturing

Facilitates Repair

# **MARINE & OFFSHORE**



PIONEERING > ADVANCED > SOLUTIONS

# Streamlining the Design and Production of Modern Marine Systems

Example Fastener Solutions for Rigorous Marine Environments

CM319  
Swivel  
Cable-Tie Mount



CS922  
High-Shock  
Deck Stud



CM988  
Flush  
Tie-Down Ring



CM905  
Strap Loop Mount



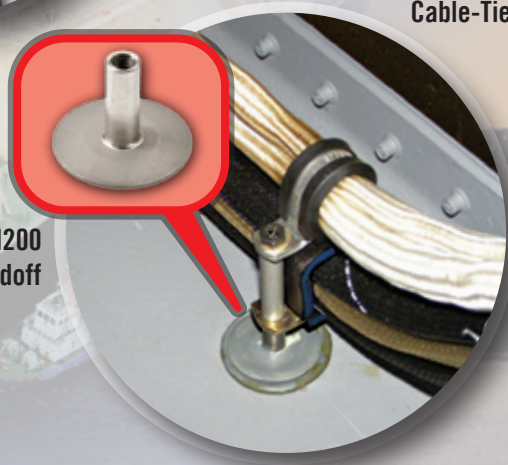
CS125  
Threaded Stud



CM920  
Low-Profile  
Cable-Tie Mount






CN200  
Threaded Standoff





## MOUNTS

Image	Part Number & Description	Performance
	<b>CM319</b> Swivel Cable-Tie Mount	<b>Click Bond Ultimate Load:</b> Exceeds MS3367 50 lbs. (23Kg) requirement
	<b>CS120</b> Insulation Blanket Mount Pin	<b>ABS Design Load:</b> 25 lbs. (11Kg) Tension 25 lbs. (11Kg) Shear
	<b>CM920</b> Low-Profile Cable-Tie Mount	<b>Click Bond Ultimate Load:</b> Exceeds MS3367 50 lbs. (23Kg) requirement
	<b>CM951</b> Low-Profile Transverse Cable-Tie Mount	<b>Click Bond Ultimate Load:</b> Exceeds MS3367 50 lbs. (23Kg) requirement
	<b>CM902</b> Miniature Cable-Tie Mount	<b>Click Bond Ultimate Load:</b> Exceeds MS3367 50 lbs. (23Kg) requirement
	<b>CM905</b> Strap Loop Mount	<b>Click Bond Ultimate Load:</b> 600 lbs. (272Kg) Tension 600 lbs. (272Kg) Shear
	<b>CM988</b> Flush Tie-Down Ring 2.63" (66.8mm) Diameter Base	<b>Click Bond Ultimate Load:</b> 1000 lbs. (454Kg) Tension
	<b>CM989</b> Fixed Tie-Down Ring 2.00" (50.8mm) Diameter Base	<b>Click Bond Ultimate Load:</b> 5000 lbs. (2268Kg) Tension 1000 lbs. (454Kg) Lateral Pull
	<b>CM490</b> Turn Button	<b>Click Bond Ultimate Load:</b> 250 lbs. (113Kg) Tension 500 lbs. (226Kg) Shear

## BUSHINGS

Image	Part Number & Description
	<b>CN505</b> Threaded Bushing 0.62" (15.7mm) Diameter Flange
	<b>CN555</b> Threaded Bushing 1.25" (31.8mm) Diameter Flange
	<b>CN305</b> Threaded Bushing 1.50" (38.1mm) Diameter Flange



## ADHESIVES

Part Number	Mix Ratio (Vol.)	Cure Properties (at room temp. 72°F / 22°C)				
		Working Time	Handling Strength	75% Strength	90% Strength	Full Strength
CB200 	8:1	5 Min.	30 Min.	--	2 Hrs.	24 Hrs.
CB420 	10:1	4-6 Min.	18 Min.	15-18 Min.	--	24 Hrs.



## STUDS

Image	Part Number & Description	Performance
	<b>CS62</b> Threaded Stud 0.62" (15.9mm) Diameter Base	<b>Click Bond Ultimate Load:</b> 250 lbs. (113Kg) Tension 400 lbs. (181Kg) Shear
	<b>CS125</b> Threaded Stud 1.25" (31.8mm) Diameter Base	<b>ABS Design Load:</b> 75 lbs. (34Kg) Tension 150 lbs. (68Kg) Shear <b>Click Bond Ultimate Load:</b> 1000 lbs. (454Kg) Tension 2000 lbs. (908Kg) Shear
	<b>CS200</b> Threaded Stud 2.00" (50.8mm) Diameter Base	<b>ABS Design Load:</b> 100 lbs. (45Kg) Tension 450 lbs. (204Kg) Shear <b>Click Bond Ultimate Load:</b> 1700 lbs. (771Kg) Tension 4000 lbs. (1814Kg) Shear
	<b>CS922</b> High-Shock Deck Stud 2.63" (66.8mm) Diameter Base	<b>ABS Design Load:</b> 500 lbs. (227Kg) Tension 900 lbs. (408Kg) Shear <b>Click Bond Ultimate Load:</b> 6000 lbs. (2722Kg) Tension 9000 lbs. (4082Kg) Shear
	<b>CS983</b> Electrical Grounding Spacer Stud 1.25" (31.8mm) Diameter Base	<b>Click Bond Ultimate Load:</b> 1000 lbs. (454Kg) Tension 2000 lbs. (908Kg) Shear
	<b>CS984</b> Electrical Grounding Spacer Stud 2.00" (50.8mm) Diameter Base	<b>Click Bond Ultimate Load:</b> 1700 lbs. (771Kg) Tension 4000 lbs. (1814Kg) Shear

## STANDOFFS

Image	Part Number & Description	Performance
	<b>CN125</b> Threaded Standoff 1.25" (31.8mm) Diameter Base	<b>ABS Design Load:</b> 75 lbs. (34Kg) Tension 150 lbs. (68Kg) Shear <b>Click Bond Ultimate Load:</b> 1000 lbs. (454Kg) Tension 2000 lbs. (908Kg) Shear
	<b>CN200</b> Threaded Standoff 2.00" (50.8mm) Diameter Base	<b>ABS Design Load:</b> 100 lbs. (45Kg) Tension 450 lbs. (204Kg) Shear <b>Click Bond Ultimate Load:</b> 1700 lbs. (771Kg) Tension 4000 lbs. (1814Kg) Shear

## DISPENSING

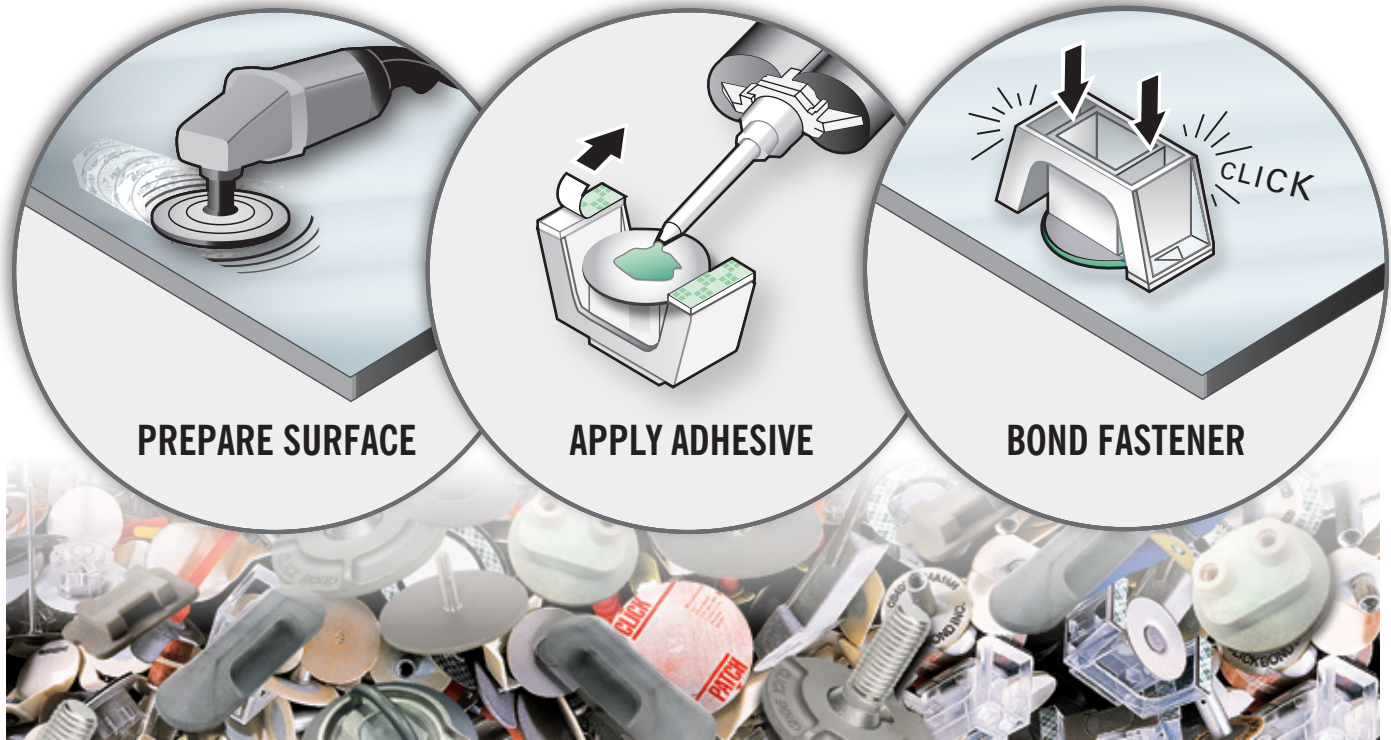
Image	Part Number & Description
	<b>CB100-81</b> Manual Dispensing Gun and Slide
	<b>CB106</b> Mixing Tip



American Bureau of Shipping (ABS) Certified Approved Product. Please visit [www.clickbond.com](http://www.clickbond.com) for ABS certification details.

Contact a Click Bond Representative for performance guidelines.

# Click Bond's Unique Adhesive-Bonded Fastening System



All Click Bond adhesive-bonded fasteners are supplied with disposable installation fixtures. These fixtures clamp the fasteners in place under positive pressure while the adhesive cures, ensuring optimal joint strength and bond-line consistency.

## Greatest Benefits of Click Bond Fasteners

- Reduce costs by eliminating need for hot work, fire watch, & gas freeing
- Facilitate and simplify repairs at sea
- Protect against galvanic corrosion
- Maximize design and work sequence flexibility