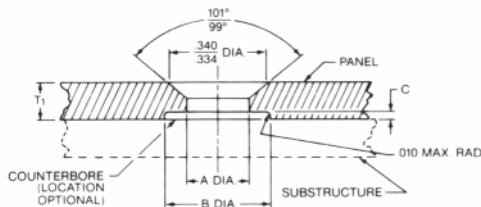


# LiveLock™ Panel Fastener CA2000 Series

## Panel/Substructure Preparation and Installation Data.

### Panel:

#### Flush Head Stud Nuts



**Table I**

Basic Retaining Ring Part No.	A Dia.	B Dia.	C Depth
CA2025	.189 .187	.255 .245	.035 .030
CA2035		.317 .307	.025 .020

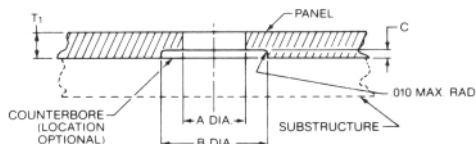
1. Locate and drill "A" diameter hole through panel.

2. Countersink  $\frac{101^\circ}{99^\circ}$  to  $\frac{.340}{.334}$  diameter

3. If "T<sub>1</sub>" is greater than .090, counterbore panel to "B" diameter by "C" depth. Preferred location for counterbored retaining ring recess is in panel "T<sub>1</sub>".

### Panel:

#### Protruding Head Stud Nuts

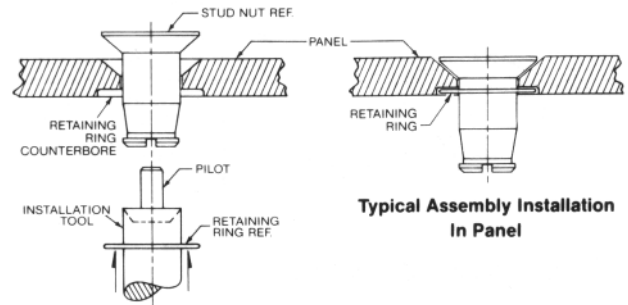


1. Refer to Table I above.

2. Locate and drill "A" diameter hole through panel.

3. If "T<sub>1</sub>" is greater than .060, counterbore panel to "B" diameter by "C" depth. Preferred location for counterbored retaining ring recess is in panel "T<sub>1</sub>".

### Retaining Ring Installation



To install CA2025 or CA2035 retaining ring on stud nut, insert pilot of tool completely into stud nut threads and slide the retaining ring onto the stud nut.

### Substructure:

#### 2-Lug Receptacle

**Table II**

Application	A Dia.	C Depth	Basic Retaining Ring Part No.
Shear	.189 .187	.035 .030	CA2025
Allow for Panel misalignment	.210 Max.	.025 .020	CA2035

1. Locate and drill "A" diameter hole through substructure.

2. Locate, drill and countersink two holes for flush mount rivets (not supplied). Holes must be symmetrical to "A" diameter.

3. Rivet receptacle in place.