

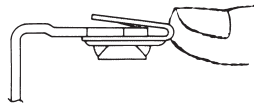
**Material:** All parts are **Spring Steel**, heat treated, unless otherwise specified.  
 The only variations available are those shown with suffix letters in the part number.  
 SS – Stainless Steel BE – Beryllium Copper P – Phosphor Bronze



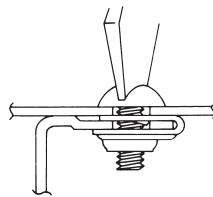
## U-Type Nut Retainers

**U-Type Nut Retainers** offer the same advantages as the **J-Type Nut Retainers**. That is, heavy-duty fastening, low fastener profile, "float" for hole misalignment, self-retention and blind location fastening. With the full-sized lower leg, the **U-Type Nut Retainer** is preferred where a full bearing surface between the panels is desired. They are applied simply and quickly in center, or end-panel locations requiring no special skills or equipment.

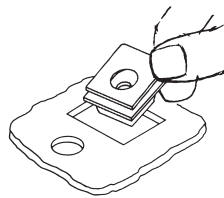
### How to apply U-Type Nut Retainers



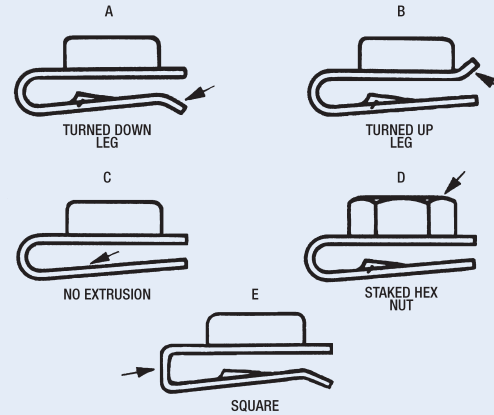
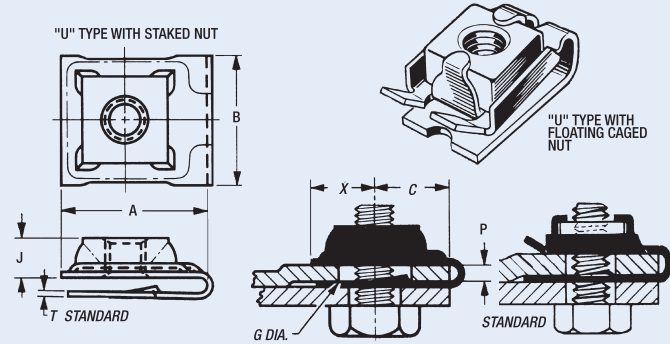
Position the second panel and drive the screw. Both hands are free to align panels and complete the assembly. Flush mounting is attained by embossing either panel.



Push into bolt receiving position on panel until extrusion snaps into mounting hole. Access to the back of the panel is unnecessary as the nut retainer is self-retaining and the nut is trapped to prevent turning.



**U-Type Nut Retainers** can be installed in center-panel locations through a rectangular hole as illustrated here. They offer an ideal solution for blind fastening.



| Screw Size | P<br>Panel Range | A<br>Design Variation | B<br>Lngh. | C<br>Wdth. | Ctr. to Edge (Max.) | X<br>Ctr. to End | J     | G<br>Panel Hole Dia. (Min.) | T<br>Mate-rial Thick-ness | Part Number   |
|------------|------------------|-----------------------|------------|------------|---------------------|------------------|-------|-----------------------------|---------------------------|---------------|
| 10-24      | .050-.075        | D                     | .710       | .687       | .375                | .310             | .233  | .343                        | .025                      | C33945-1024   |
|            | .115-.125        | D                     | .710       | .687       | .375                | .310             | .233  | .300                        | .025                      | C33962SS-1420 |
| 10-32      | .050-.075        | D                     | .710       | .687       | .375                | .310             | .233  | .343                        | .025                      | C33945-1032   |
| M5X.8      | 2.280-4.820      | E                     | 28.000     | 16.000     | 12.700              | 12.700           | 5.100 | 9.500                       | .860                      | C33983-M508   |
| M6X1       | 1.270-1.910      | CD                    | 18.040     | 17.450     | 9.520               | 7.870            | 5.910 | 7.140                       | .640                      | C33948-M61    |
|            | 2.280-4.820      | E                     | 28.000     | 16.000     | 12.700              | 12.700           | 6.170 | 9.500                       | .860                      | C33823-M61    |
| 1/4-20     | .050-.075        | D                     | .710       | .687       | .375                | .310             | .233  | .343                        | .025                      | C33945-1420   |
|            | .120-.130        | Std.                  | 1.340      | .750       | .840                | .420             | .230  | .437                        | .028                      | C31368-1420   |
| 5/16-18    | .120-.130        | Std.                  | 1.340      | .750       | .840                | .420             | .230  | .437                        | .028                      | C31368-5618   |