

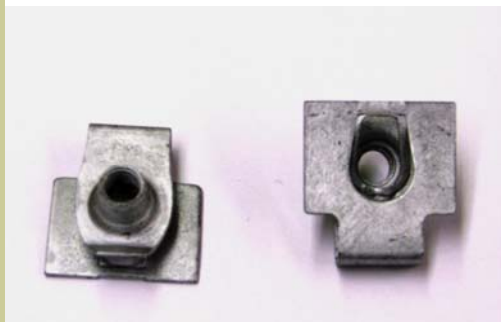
Engineering Solutions “Winged” U-Nuts

- Successfully replaced most two-piece designs
- Offers equivalent strength
- Significantly reduced weight
- Better prevailing torque
- Lower per-unit cost
- Can be used on plastic panels
- Wings provide a “Poke Yoke” feature

During assembly, the high-performance “U” nut is placed over the edge of a stamped panel, or through a pre-stamped slot, and simply pushed until the rear of the fastener locates against the panel edge or snaps into the clearance hole.



M4.2
EFC #01500810-450



M6
EFC #166000734-F115

Problem: Molders who assemble fascias and other assemblies that require u-nut attachments often have issues with the operators installing the u-nuts upside down.

Solution: Incorporate ribs into the mold and use a “winged” u-nut (as pictured above) so the u-nut can only be installed in the properly oriented position (therefore, impossible to install upside down). The ribs in the mold create an interference (or “poke yoke” feature) with the wings on the u-nut; the u-nut can only be installed in the proper orientation.

Ford is one of the many companies to already embrace this design.

Contact EFC today for samples and pricing. Sizes currently available are M4.2 and M6. EFC is the innovator of the “winged u-nut”.

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