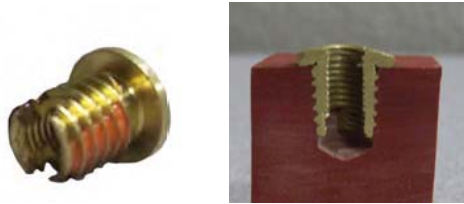


Product Spotlight – Fastener Options for Plastic/Composite Applications

SH-BP-001: This free-cutting brass fastener features an M5x 0.8 internal thread and an external self-tapping thread, perfect for post-mold insertion into rigid plastic/composite material. A two-part epoxy adhesive has been applied to the external thread to prevent loosening. The flanged head allows for precise insertion depth, and can act as both a load bearing surface and/or electrical contact point. [Contact Sherex](#) for further details.



CAL2-8125-11.1B: Made from low carbon steel, this rivet nut features a large flange, knurled body, and M8x1.25 thread. The large flange resists push-out forces, while the knurled shank engages with the plastic after insertion to increase torsional retention. Proven performance in compression-molded material, and suitable in most plastics ranging from 7.9 to 11.1mm thick. [Contact Sherex](#) for further details.



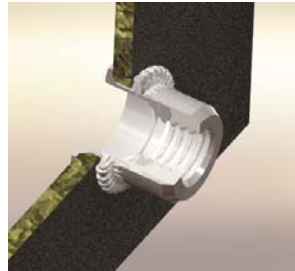
CPN2-8125-7.1: This M8x1.25 fastener is especially useful in plastic applications that may experience a wide range of material thicknesses across the fastening locations. This rivet nut can be inserted into materials as thin as 0.50mm and as thick as 7.10mm. Upon insertion, the body of the rivet nut forms a large blind-side footprint; ideal for both clamp force distribution and pull-through resistance. [Contact Sherex](#) for further details.



CFW2-3716 and CFW2-0632: Available in sizes 3/8-16 (CFW2-3716) to #6-32 (CFW2-0632) threads (and metric), these “swaging” fasteners can be used in material thicknesses 0.062 inches and greater. This fastener, when installed, expands to retain inside the hole, eliminating the concern for blind-side material cracking caused by clamping forces. They are made from low carbon steel and feature a diamond knurl that will engage the mating plastic/composite to strengthen retention. The parts are coated with a tin-alloy plating, which complies with current RoHS standards. [Contact Sherex](#) for further details.



CRL2-8125-3.8WD15: This M8x1.25, large flange rivet nut includes multiple features designed to enhance performance in softer materials. When the rivet nut is installed, the knurled body engages both inside the hole and on the blind side of the material, while the “wedges”, located under the head of the rivet nut, compress into the opposing side of the base material. The result is a rivet nut that is highly resistant to spin-out. This part can be installed into materials ranging from 0.70 to 3.8mm thick. The proprietary zinc-nickel (“CR”) plating that has been applied achieves in excess of 1000 hours till red rust in an ASTM B117 salt spray test. [Contact Sherex](#) for further details.



Rivet nuts in other thread sizes and styles are available. Please [contact Sherex](#) to review your application so we can specify the proper fastener that meets your requirements.

