



***For Immediate Release  
(August 11, 2015)***

## **PEM® Self-Clinching Blind Nuts Feature ‘Closed-End’ Design Providing Protection for Nut Threads and Internal Components**

PEM® self-clinching blind nuts from PennEngineering® permanently install into thin metal sheets to provide reliable and re-usable metal threads for accepting mating screws and completing final component attachment in an assembly. Their “blind,” closed-end design effectively creates a barrier to protect the nut’s threads against foreign matter and to prevent potential damage to internal components from mating screws.

The carbon steel (Type B) and stainless steel (Type BS) nuts install quickly and permanently into aluminum or steel sheets as thin as .040” / 1mm. The nut is inserted into a properly sized mounting hole in the metal sheet and then sufficient squeezing force is applied using a PEMSERTER® or any standard press until the nut’s flange contacts the mounting sheet. Upon installation, the nut becomes a permanent part of an assembly and throughout the process no secondary operations are required.

Standard thread sizes of PEM self-clinching blind nuts range from #4-40 through ¼-20 / M3 through M6. Two different shank lengths for each thread size are available to accommodate minimum and thicker sheets.

Detailed specifications, animations, fastener drawings and models, and literature (Bulletin B) for these RoHS-compliant fasteners can be accessed at [www.pemnet.com](http://www.pemnet.com)

Contact Michael J. Rossi, PennEngineering®, 5190 Old Easton Road, Danboro, PA 18916-1000 USA. Phones: 800-237-4736 (toll-free in the U.S.) or 215-766-8853; Fax: 215-766-0143. *Email:* [info@pemnet.com](mailto:info@pemnet.com) *Web site:* [www.pemnet.com](http://www.pemnet.com)