

## **New PEM® Type SMPP™ Self-Clinching Nuts Install with Minimal Footprint in Ultra-Thin Stainless Steel Sheets**

New PEM® Type SMPP™ self-clinching nuts from PennEngineering® install permanently in ultra-thin stainless steel sheets and provide dimensionally ideal solutions for stainless assemblies where space for attachment hardware may be limited. A minimal footprint resulting from an overall low-profile design combines low height (.065" / 1.4mm) and small diameter (.220" / 5.6mm) with close-to-edge mounting capabilities for installation in stainless steel sheets as thin as .025" / 0.64mm. Their corrosion resistance will be similar to 300 Series stainless steel.

Upon installation, a serrated clinching ring prevents the nut from rotating in service and, ultimately, the fasteners will not loosen, fall out, or otherwise adversely affect the end-product integrity or performance.

PEM Type SMPP nuts are made from age-hardened A286 stainless steel and recommended for use in stainless sheets with hardness of HRB 90 / HB 192 or less. Thread sizes for mating hardware range from #2-56 through #6-32 and M2.5 through M3.5.

Detailed specifications, fastener drawings and models, and performance data (Bulletin SMPP) are available at [www.pemnet.com](http://www.pemnet.com)

PennEngineering develops and manufactures precision fasteners, components and systems, specializing in thin sheet attachment solutions. The Company's manufacturing and technical facilities in the United States, Europe, and Asia are supported by a worldwide network of authorized engineering representatives and distributors.

For more information, visit [www.pemnet.com](http://www.pemnet.com), email [info@pemnet.com](mailto:info@pemnet.com), or contact Michael J. Rossi, PennEngineering®, 5190 Old Easton Road, Danboro, PA 18916-1000 USA. Phones: +1-800-237-4736 (toll-free in the U.S.) and +1-215-766-8853.

