



FOR IMMEDIATE RELEASE

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**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

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.

About Penn Engineering

Penn Engineering & Manufacturing Corp. founded in 1942 in Doylestown, Pennsylvania, USA is the global leader in the design and manufacture of thin sheet fastening devices and installation systems. The Company is the developer and the sole manufacturer of PEM[®] brand self-clinching, broaching, surface mount, weld and other fasteners. The Company has manufacturing and technical facilities in two U.S. locations, Galway, Ireland and Kunshan, China. Together they support a network of exclusive global distributors and engineering representatives, providing customers with consistent quality, local sourcing, and technical expertise anywhere in the world. www.pemnet.com

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