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**Part # FE-440MD, Miniature Self-Clinching Fasteners - Types U, UL, FE, FEO, FEOX, FEX - Unified**

**PEM® brand miniature fasteners fit into a minimal space and provide strong, reusable threads.**

Types FE, FEO and UL are self-locking. Types FE and FEO thread locking torque performance is equivalent to applicable NASM25027 specifications. Type UL self-locking nuts meet locking torque requirements specified herein. Some sizes of FE, FEO, and UL can be ordered to NASM45938/7 specifications. Types FEX, FEOX and U have free-running class 2B/6H threads.

PEM miniature fasteners provide immediate visual

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**Specifications**



<b>Thread Size</b>	.112-40 (#4-40)
<b>Thread Type</b>	Self-Locking
<b>Thread Code</b>	440
<b>A (Shank) Max.</b>	.060 in
<b>Sheet Thickness<sup>1</sup></b>	.059 to .070 in
<b>Hole Size in Sheet + .003 - .000</b>	.172 in
<b>C + .000 - .005</b>	.171 in
<b>D Max.</b>	.145 in
<b>E ± .005</b>	.192 in
<b>T + .015 -.000</b>	.065 in
<b>Min. Dist. Hole C/L to Edge</b>	.14 in
<b>Max. Hole in Attached Parts</b>	.132 in



<b>For Use in Sheet Hardness<sup>2</sup></b>	HRB 70 / HB 125 or Less
<b>Thread Specification</b>	Internal, MIL-S-8879, UNJ-3B
<b>Fastener Material</b>	300 Series Stainless Steel
<b>Standard Finish</b>	Black, Dry-film Lubricant
<b>CAD Supplier</b>	PennEngineering® (PEM®)

<sup>1</sup> In applications between the sheet thicknesses for your thread size, see last paragraph of installation data on page FE-6. Knurled collar may fracture if fastener is used in sheets thicker than the specified range and the screw is tightened beyond maximum tightening torque.

<sup>2</sup> HRB - Hardness Rockwell “B” Scale. HB - Hardness Brinell.