



## PennEngineering

### Corporate Headquarters – Danboro, PA

5190 Old Easton Rd.

Danboro, PA 18916

**Phone:** 215-766-8853

**Toll-Free Phone:** 1-800-237-4736 (U.S. only)

**Email:** [info@pemnet.com](mailto:info@pemnet.com)

**Website:** [www.pemnet.com](http://www.pemnet.com)

## Part # AS-440-2ZI, Floating Self-Clinching Fasteners A4, AS, AC - Unified

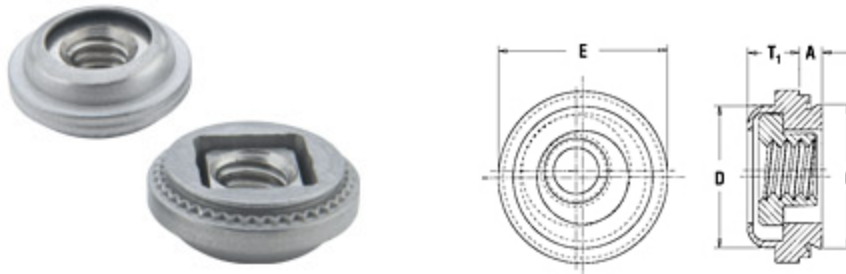
### Locking and Non-locking Threads

These fasteners provide load-bearing threads in thin sheets and permit up to .030" adjustment for mating hole misalignment.

The self-clinching feature offers fast and simple assembly. The fasteners are squeezed into prepared holes using any standard press. The sheet remains flush on one side, and the fastener is permanently locked in place.

Extra strength and support in assembly is obtained by the threads of the floating nut extending fully into the

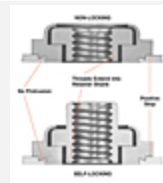
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### Specifications

**Thread Size** .112-40 (#4-40)

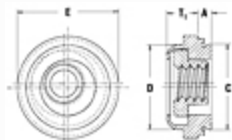
**Thread Type** Non-Locking



**Thread Code** 440

**Shank Code** 2

**A (Shank) Max.** .054 in



**Min. Sheet Thickness** .054 in

<b>Hole Size in Sheet + .003 - .000</b>	.290 in
<b>C Max.</b>	.289 in
<b>D Max.</b>	.290 in
<b>E ± .015</b>	.360 in
<b>T1 Max.</b>	.130 in
<b>Min. Dist. Hole C/L to Edge</b>	.300 in
<b>Float</b>	.015" minimum, in all directions from center, .030" total
<b>Fastener Material</b>	Steel
<b>Fastener Materials - Retainer</b>	Heat-Treated Carbon Steel
<b>Fastener Materials - Nut</b>	Carbon Steel
<b>Standard Finish - Retainer &amp; Nut</b>	Zinc plated per ASTM B633, SC1 (5µm), Type III, colorless
<b>For Use in Sheet Hardness<sup>1</sup></b>	HRB 70 / HB 125 or Less
<b>Thread Specification</b>	Internal, ANSI B1.1, 2B
<b>CAD Supplier</b>	PennEngineering® (PEM®)

<sup>1</sup> HRB - Hardness Rockwell "B" Scale. HB - Hardness Brinell.