



**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)

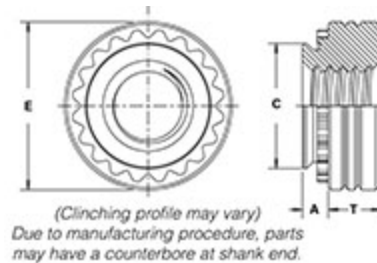
**Email:** [info@pemnet.com](mailto:info@pemnet.com)

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

**Part # CLA-0420-1, Self-Clinching Nuts - Type CLA - Unified**

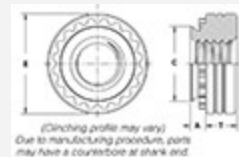
Type CLA aluminum nuts are recommended for use in aluminum sheet with a hardness of HRB 50 or less on the Rockwell "B" scale.

Unplated threads are sized to accept a basic go gauge after .00025" plating.



**Specifications**

<b>Thread Size</b>	.250-20 (1/4-20)
<b>Thread Code</b>	0420
<b>Shank Code</b>	1
<b>A (Shank) Max.</b>	.054 in
<b>Min. Sheet Thickness<sup>1</sup></b>	.056 in
<b>Hole Size in Sheet + .003 - .000</b>	.344 in
<b>C Max.</b>	.343 in
<b>E ± .010</b>	.440 in
<b>T ± .010</b>	.170 in
<b>Min. Dist. Hole C/L to Edge<sup>2</sup></b>	.34 in
<b>For Use in Sheet Hardness<sup>3</sup></b>	HRB 50 / HB 82 or less
<b>Thread Specification</b>	Internal, ASME B1.1, 2B
<b>Fastener Material</b>	Aluminum



<b>Standard Finish</b>	None
<b>CAD Supplier</b>	PennEngineering® (PEM®)

<sup>1</sup> For maximum performance, we recommend that you use the maximum shank length for your sheet thickness.

<sup>2</sup> To minimize sheet distortion and maximize product performance, use a centerline-to-edge value greater or equal to the value specified.

<sup>3</sup> HRB - Hardness Rockwell "B" Scale. HB - Hardness Brinell.