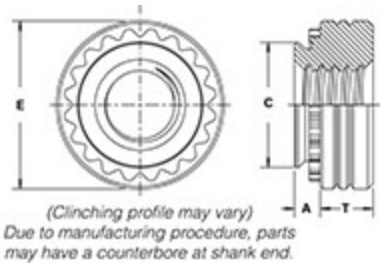
PennEngineering
Corporate Headquarters – Danboro, PA
5190 Old Easton Rd.
Danboro, PA 18916
Phone: 215-766-8853
Toll-Free Phone: 1-800-237-4736 (U.S. only)
Email: info@pemnet.com
Website: www.pemnet.com

Part # CLA-032-2, 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

Thread Size	.190-32 (#10-32)
Thread Code	032
Shank Code	2
A (Shank) Max.	.054 in
Min. Sheet Thickness[1]	.056 in
Hole Size in Sheet + .003 - .000	.296 in
C Max.	.295 in
E ± .010	.370 in
T ± .010	.160 in
Min. Dist. Hole C/L to Edge[2]	.310 in
For Use in Sheet Hardness[3]	HRB 50 / HB 82 or less
Thread Specification	Internal, ASME B1.1, 2B
Fastener Material	Aluminum

Standard Finish	None
CAD Supplier	PennEngineering® (PEM®)

[1] For maximum performance, we recommend that you use the maximum shank length for your sheet thickness.

[2] To minimize sheet distortion and maximize product performance, use a centerline-to-edge value greater or equal to the value specified.

[3] HRB - Hardness Rockwell “B” Scale. HB - Hardness Brinell.