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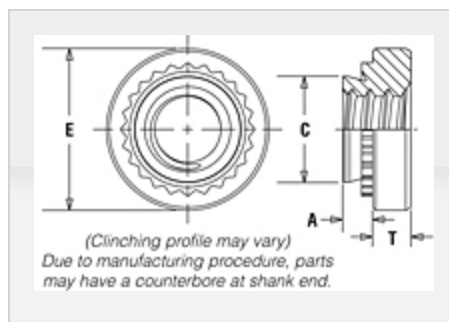
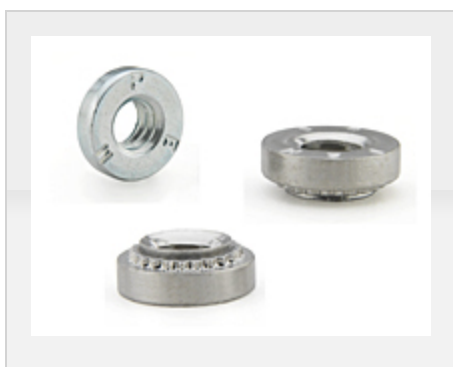
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## Part # CLA-032-1, Self-Clinching Nuts - Type CLA - Unified

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

**Thread Size** .190-32 (#10-32)

**Thread Code** 032

**Shank Code** 1

**A (Shank) Max.** .038 in



**Min. Sheet Thickness<sup>1</sup>** .040 in

**Hole Size in Sheet + .003 - .000** .296 in

**C Max.** .295 in

|  |                         |
|--|-------------------------|
| <b>E ± .010</b>                                | .370 in                 |
| <b>T ± .010</b>                                | .160 in                 |
| <b>Min. Dist. Hole C/L to Edge<sup>2</sup></b> | .31 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.