



Stainless Steel

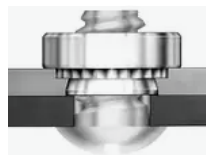
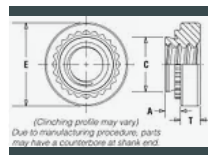
CLSS-M5-2PS

Self-Clinching Nuts – Types S, SS, CLS, CLSS, SP

Self-clinching nuts are installed by placing them in properly sized holes in sheets and applying a parallel squeezing force to the head of the nut. The sheet metal surrounding the head cold flows into an undercut thereby making the fastener an integral part of the sheet. A serrated clinching ring prevents the fastener from rotating after installation.

Provide load-bearing threads in thin sheets with high pushout and torque-out resistance.

Type CLA is recommended for use in steel or aluminum sheets HRB (Rockwell "B" scale) 50 or less and HB (Hardness Brinell) 82 or less.



SPECIFICATIONS

THREAD CODE

M5

A SHANK MAX

1.38mm

THREAD SIZE X PITCH

M5 x 0.8

E ± 0.25_MM

8.64mm

THREAD SPECIFICATION

Internal

HOLE SIZE IN SHEET + 0.08_MM

6.35mm

SHANK CODE

2

MIN. DIST. HOLE C/L TO EDGE_MM

7.1mm

FOR USE IN SHEET HARDNESS

HRB 70 / HB 125 or Less

MIN. SHEET THICKNESS_MM

1.4mm

PRODUCT CATEGORY

Self-Clinching Nuts – Types S, SS, CLS, CLSS, SP

C MAX._MM

6.33mm

THREAD TYPE

PEM nuts: For installing into stainless steel|PEM nuts: Standard

T ± 0.25_MM

2mm

BASE PANEL MATERIAL

Aluminum, Steel

BRAND

PEM

FASTENER CHARACTERISTICS

Threaded Internal

PEM PRODUCT FAMILY

CL

PRODUCT TYPE

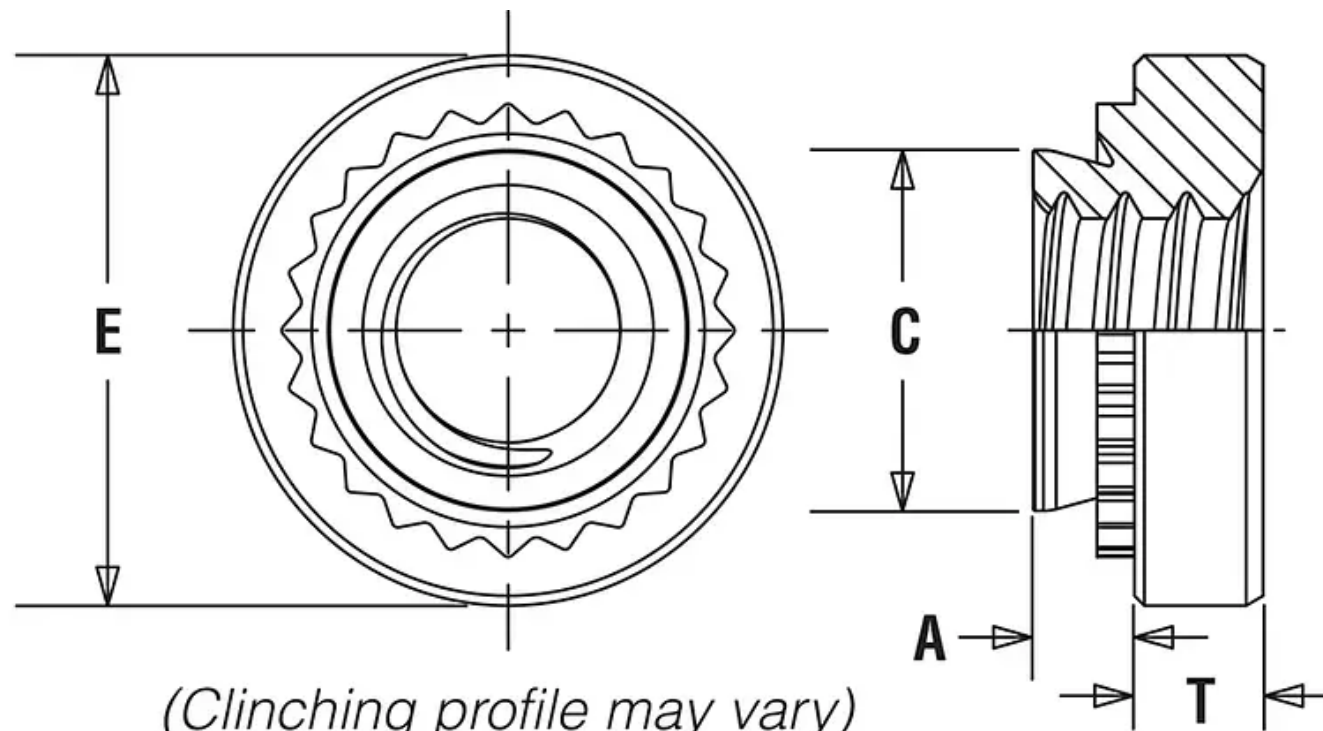
Nuts

TECHNOLOGY TYPE

Self-Clinching

UNIT (METRIC/UNIFIED)

Metric



*(Clinching profile may vary)
Due to manufacturing procedure, parts
may have a counterbore at shank end.*