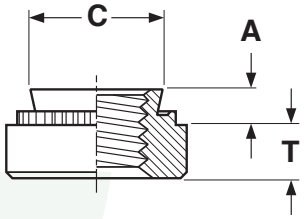
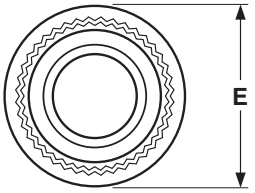
Self-Clinching METRIC Nuts





METRIC Self-Clinching Nuts

*PEM®

Size	Catalog Part Number (Steel nuts)	PEM® Part Number (Steel nuts)	A Shank Height Max	Minimum Sheet Thickness	Hole Size in Sheet +0.08 -0.00	C Shank Diameter Max	E Nut Diameter ±0.25	T Nut Height ±0.25	Performance Data in Cold-Rolled Steel		
									Installation (kN)	Pushout (N)	Torque Out (N·m)
M2x0.4-0	M2-0NCL	S-M2-0-ZI	0.77	0.8 - 1	4.25	4.22	6.3	1.5	11.2 - 15.6	470	1.47
M2x0.4-1	M2-1NCL	S-M2-1-ZI	0.97	1						550	1.7
M2x0.4-2	M2-2NCL	S-M2-2-ZI	1.38	1.4						1010	2.03
M2.5x0.45-0	M2.5-0NCL	S-M2.5-0-ZI	0.77	0.8 - 1	4.25	4.22	6.3	1.5	11.2 - 15.6	470	1.47
M2.5x0.45-1	M2.5-1NCL	S-M2.5-1-ZI	0.97	1						550	1.7
M2.5x0.45-2	M2.5-2NCL	S-M2.5-2-ZI	1.38	1.4						1010	2.03
M3x0.5-0	M3-0NCL	S-M3-0-ZI	0.77	0.8 - 1	4.25	4.22	6.3	1.5	11.2 - 15.6	470	1.47
M3x0.5-1	M3-1NCL	S-M3-1-ZI	0.97	1						550	1.7
M3x0.5-2	M3-2NCL	S-M3-2-ZI	1.38	1.4						1010	2.03
M3.5x0.6-0	M3.5-0NCL	S-M3.5-0-ZI	0.77	0.8 - 1	4.75	4.73	7.1	1.5	13.4 - 26.7	480	1.8
M3.5x0.6-1	M3.5-1NCL	S-M3.5-1-ZI	0.97	1						570	2.3
M3.5x0.6-2	M3.5-2NCL	S-M3.5-2-ZI	1.38	1.4						1210	2.3
*M3.5x0.6-3	M3.5-3NCL	S-M3.5-3-ZI	2.21	2.3						-	-
M4x0.7-0	M4-0NCL	S-M4-0-ZI	0.77	0.8 - 1	5.4	5.38	7.9	2	18 - 27	490	2.95
M4x0.7-1	M4-1NCL	S-M4-1-ZI	0.97	1						645	4
M4x0.7-2	M4-2NCL	S-M4-2-ZI	1.38	1.4						1250	5.1
*M4x0.7-3	M4-3NCL	S-M4-3-ZI	2.21	2.3						1300*	4.2*
M5x0.8-0	M5-0NCL	SS-M5-0-ZI	0.77	0.8 - 1	6.4	6.38	8.7	2	18 - 38	530	3.6
M5x0.8-1	M5-1NCL	SS-M5-1-ZI	0.97	1						800	4.5
M5x0.8-2	M5-2NCL	SS-M5-2-ZI	1.38	1.4						1112	6.8
*M5x0.8-3	M5-3NCL	SS-M5-3-ZI	2.21	2.3						1500*	6*

*Dimensions and performance data for these sizes are independent of PEM® standards.

Description	A round, internally threaded, one-piece fastener with a shank protruding from the internal circumference, and a knurled clinching ring surrounding the shank. Both the shank and the clinching ring are integrally formed into the bottom side of the nut.
Applications/ Advantages	Designed for use in thin sheet metal when load bearing threads are necessary. The nut is pressed into a pre-drilled or punched hole, then force is applied to the top of the nut until the bearing surface at the outside diameter of the bottom of the nut is flush with the sheet metal to which it is attached.
Material	Carbon steel
Heat Treatment	Nuts are case-hardened.
Plating	See Appendix-A for information on zinc plating.
For Use In	Can be installed into metals of Rockwell hardness of B80 max.