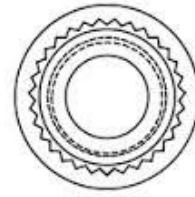
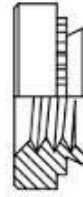


SELF-CLINCHING NUTS



Size	Catalog Part Number (Steel nuts)	PEM® Part Number (Steel nuts)	Sheet Thickness		Hole Size in Sheet +.003-.000	Performance Data in Cold-Rolled Steel			Installation (lbs.)	Push out (lbs.)	Torque Out (lbs.)
			Shank Height	Min		Shank Diameter	Nut Diameter ±.01	Nut Height ±.01			
			Max								
4-40-0	04-ONCL	S-440-0-ZI	.030	.030	.166	.165	.25	.07		105	13
4-40-1	04-1NCL	S-440-1-21	.038	.040	.166	.165	.25	.07	2500-3500	125	15
4-40-2	04-2NCL	S-440-2-21	.054	.056	.166	.165	.25	.07		230	18
4-40-3		S-440-3-21	.087	.091	.166	.165	.25	.07		230	18
6-32-0	06-ONCL	S-632-0-21	.030	.030	.1875	.187	.28	.07	3000-6000	110	16
6-32-1	06-1NCL	S-632-1-ZI	.038	.040	.1875	.187	.28	.07		130	20
6-32-2	06-2NCL	S-632-2-ZI	.054	.056	.1875	.187	.28	.07		275	28
6-32-3		S-632-3-ZI	.087	.091	.1875	.187	.28	.07		275	28
8-32-0	08-ONCL	S-832-0-21	.030	.030	.213	.212	.31	.09	4000-6000	110	26
8-32-1	08-1NCL	S-832-1-21	.038	.040	.213	.212	.31	.09		145	35
8-32-2	08-2NCL	S-832-2-21	.054	.056	.213	.212	.31	.09		285	45
8-32-3		S-832-3-21	.087	.091	.213	.212	.31	.09		285	45
10-24-0	10-ONCL	SS-024-0-21	.030	.030	.250	.249	.34	.09	4000-9000	120	32
10-24-1	10-1NCL	SS-024-1-21	.038	.040	.250	.249	.34	.09		180	40
10-24-2	10-2NCL	SS-024-2-21	.054	.056	.250	.249	.34	.09		320	60
10-24-3	10-3NCL	SS-024-3-21	.087	.091	.250	.249	.34	.09		320	60
10-32-0	11-ONCL	SS-032-0-21	.030	.030	.250	.249	.34	.09		120	32
10-32-1	11-1NCL	SS-032-1-21	.038	.040	.250	.249	.34	.09		180	40
10-32-2	11-2NCL	SS-032-2-21	.054	.056	.250	.249	.34	.09		320	60
10-32-3	11-3NCL	SS-032-3-21	.087	.091	.250	.249	.34	.09		320	60
1/4-20-1	14-1NCL	S-0420-1-21	.054	.056	.344	.343	.44	.17	6000-8000	400	150
1/4-20-2	14-2NCL	S-0420-2-21	.087	.091	.344	.343	.44	.17			
1/4-20-3	14-3NCL	S-0420-3-21	.120	.125	.344	.343	.44	.17			
5/16-18-1	31-1NCL	S-0518-1-21	.054	.056	.413	.411	.50	.23	6000-8000	420	230
5/16-18-2	31-2NCL	S-0518-2-21	.087	.091	.413	.411	.50	.23			
5/16-18-3	31-3NCL	S-0518-3-21	.120	.125	.413	.411	.50	.23			
5/16-24-1	32-1NCL	S-0524-1-21	.054	.056	.413	.411	.50	.23			
5/16-24-2	32-2NCL	S-0524-2-21	.087	.091	.413	.411	.50	.23			

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	<i>Steel</i>	<i>Stainless Steel</i>
	Carbon steel	Type 303 stainless passivated to ASTM A 380
Heat Treatment	Nuts are case-hardened.	-
Plating	See Appendix-A for information on zinc plating.	None
For Use In	Can be installed into metals of Rockwell hardness of B80 max.	Can be installed into stainless sheets of Rockwell hardness of B70 max.