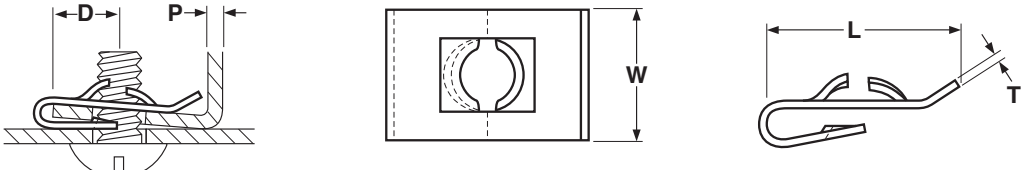
TINNERMAN® NUT ALTERNATIVES



STEEL SPRING NUTS "J" TYPE

Tinnerman® & SAE J891

Industry Part Number	Screw Size	P	L	W	D	T	PERFORMANCE DATA	
		Panel Range	Length	Width	Distance Center of Hole to Edge Max	Material Thickness	Recommended Installation Torque (lb.-in.) Max	Ultimate Tensile Strength (lb.) Min
C8019-632-4	6/32	.025-.040	.47	.50	.218	.017	6	156
C8020-632-4	6/32	.045-.062	.47	.50	.218	.017	6	156
C8022-632-4	6/32	.045-.062	.63	.31	.296	.017	6	156
C8023-632-4	6/32	.025-.040	.81	.31	.468	.017	6	156
C8024-632-4	6/32	.045-.062	.81	.31	.468	.017	6	156
C8025-6-4	6A or B	.025-.040	.47	.50	.218	.025	12	425
C8026-6-4	6A or B	.045-.062	.47	.50	.218	.025	12	425
C8029-6-4	6A or B	.025-.040	.81	.31	.468	.025	12	425
C8030-6-4	6A or B	.045-.062	.81	.31	.468	.025	12	425
C8031-832-4	8/32	.025-.040	.53	.50	.234	.017	8	189
C8032-832-4	8/32	.045-.062	.52	.50	.234	.017	8	189
C8035-832-4	8/32	.025-.040	.87	.41	.514	.017	8	189
C8036-832-4	8/32	.045-.062	.87	.41	.514	.017	8	189
C8037-8-4	8A or B	.025-.045	.53	.50	.234	.028	20	534
C8038-8-4	8A or B	.045-.062	.53	.50	.234	.028	20	534
C8041-8-4	8A or B	.025-.040	.87	.41	.515	.028	20	534
C8042-8-4	8A or B	.045-.062	.86	.41	.515	.028	20	534
C8043-1024-4	10/24	.025-.040	.59	.63	.203	.022	14	274
C8044-1024-4	10/24	.045-.062	.59	.63	.203	.022	14	274
C8045-1024-4	10/24	.025-.040	.79	.38	.359	.022	14	274
C8047-1024-4	10/24	.025-.040	.97	.35	.562	.022	14	274
C8048-1024-4	10/24	.045-.062	.97	.38	.562	.022	14	274
C8043-1032-4	10/32	.025-.040	.59	.63	.203	.017	-	-
C8049-10-4	10A or B	.025-.040	.58	.63	.250	.031	35	672
C8050-10-4	10A or B	.045-.062	.58	.63	.250	.031	35	672
C8053-10-4	10A or B	.025-.040	.97	.50	.562	.031	35	672
C8054-10-4	10A or B	.045-.062	.97	.50	.562	.031	35	672
C7740-1420-4	1/4-20	.075-.094	1.10	.625	.687	.025	35	570

Description	A self-retaining spring steel fastener manufactured in the shape of a "J", enabling it to snap into place over the edge of a panel and hold its position.
Applications/ Advantages	Same advantages as a flat-type spring nut, but more versatile. Can reduce assembly time by eliminating such steps as welding and riveting. Nut surface will accept paint without clogging inside the thread.
Material	SAE 1050 or higher carbon steel.
Hardness	For material thickness 0.017-0.024 in., Rockwell 30N C40 minimum, C50 maximum. For material thickness 0.025-0.039 in., Rockwell 45N C40 minimum, C50 maximum.
Plating	See Appendix-A for information about the plating of steel spring nuts.

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