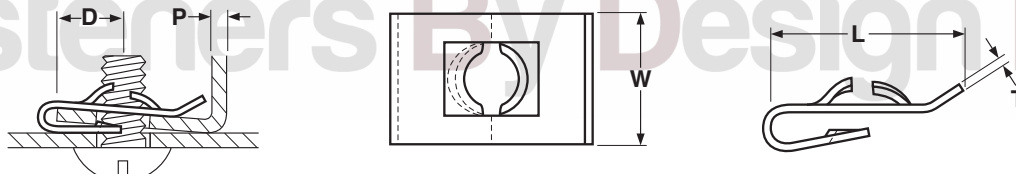


TINNERMAN® NUT ALTERNATIVES

Fasteners By Design Inc.



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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