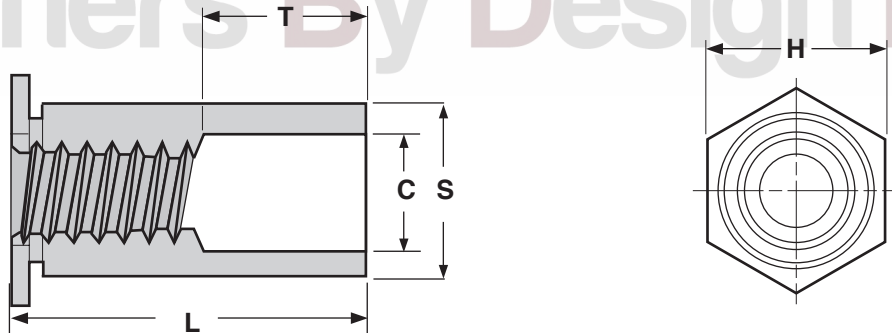


**THROUGH-HOLE STYLE**

Fasteners By Design Inc.



SELF-CLINCHING STANDOFFS -- THROUGH HOLE STYLE, STEEL												
Body Code & Thread Size	S		H	C		Hole Size in Sheet		Distance from center line of hole to edge of sheet	Min. Sheet Thickness	Performance in .060 in. thick cold-rolled Steel		
	Shank Outside Diameter		Hex Dimension	Counterbore Diameter						Installation Force	Pushout	Torque Out
	Max	Min	Nom.	Max	Min	Max	Min	Min	Inches	Lbs.	Lbs.	In. Lbs.
4-40	.165	.160	.187	.130	.120	.169	.166	.23	.040	2200	270	20
6-32	.212	.207	.250	.161	.151	.216	.213	.27	.040	3400	380	35
8-32	.280	.275	.312	.193	.183	.284	.281	.31	.050	4000	575	78
10-32	.280	.275	.312	.208	.198	.284	.281	.31	.050	4000	575	78
Tolerance on Length		+.002, -.005										
T = Counterbore Depth +/- 0.010		Lengths "L"										
		1/8" thru 5/16"		3/8" thru 9/16"		5/8" thru 13/16"		7/8" thru 1-1/16"				
		None		0.187		0.312		0.437				

<b>Description</b>	A cylindrical fastener with a low-profile, hexagon-shaped head. The same end as the head is internally threaded. Immediately below the head is a slight indentation that extends completely around the item's circumference. This indentation, or groove, provides the clinching action when the part is pressed thru a properly-sized hole in sheet metal.
<b>Applications / Advantages</b>	The standoff becomes permanently set when squeezed into place into a proper size drilled or punched hole. After it is pressed into place, the standoff forms a flush surface with the sheet metal.
<b>Material</b>	Heat-treated Carbon Steel
<b>Finish</b>	Commercial Zinc finish

Fasteners By Design Inc.

**THROUGH-HOLE STYLE**

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PART NUMBER COMPARISON - THROUGH-HOLE STYLE SELF-CLINCHING STANDOFFS, STEEL ZINC						
Catalog	Captive	PEM®		Catalog	Captive	PEM®
0408SCSO	CFSO 440-16	SO-440-16		0808SCSO	CFSO 832-16	SO-832-16
0409SCSO	CFSO 440-18	SO-440-18		0809SCSO	CFSO 832-18	SO-832-18
0410SCSO	CFSO 440-20	SO-440-20		0810SCSO	CFSO 832-20	SO-832-20
0411SCSO	CFSO 440-22	SO-440-22		0811SCSO	CFSO 832-22	SO-832-22
0412SCSO	CFSO 440-24	SO-440-24		0812SCSO	CFSO 832-24	SO-832-24
0608SCSO	CFSO 632-16	SO-632-16		1108SCSO	CFSO 1032-16	SO-032-16
0609SCSO	CFSO 632-18	SO-632-18		1109SCSO	CFSO 1032-18	SO-032-18
0610SCSO	CFSO 632-20	SO-632-20		1110SCSO	CFSO 1032-20	SO-032-20
0611SCSO	CFSO 632-22	SO-632-22		1111SCSO	CFSO 1032-22	SO-032-22
0612SCSO	CFSO 632-24	SO-632-24		1112SCSO	CFSO 1032-24	SO-032-24



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