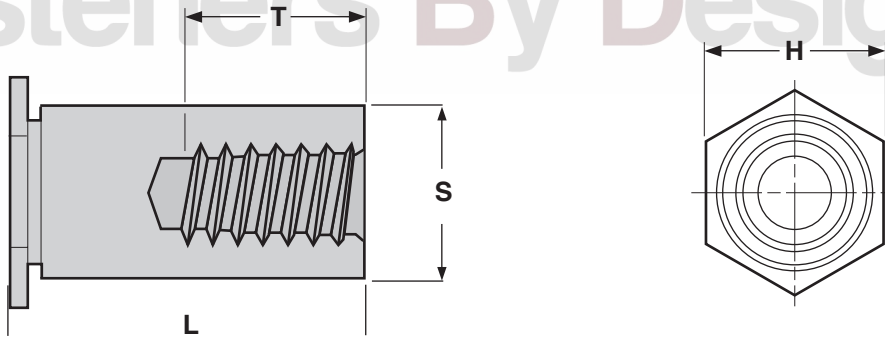


BLIND THREADED STYLE **Hardened Steel**

Fasteners By Design Inc.



SELF-CLINCHING STANDOFFS -- STEEL											
Body Code & Thread Size	S		H		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 Head Dimension						Installation Force	Pushout	Torque Out
	Max	Min	Max	Min	Max	Min	Min	Inches			
4-40	.165	.160	.192	.182	.169	.166	.230	.040	2200	270	20
6-32	.212	.207	.255	.245	.216	.213	.250	.040	3400	380	35
8-32	.280	.275	.317	.307	.284	.281	.312	.050	4000	575	78
10-32	.280	.275	.317	.307	.284	.281	.312	.050	4000	575	78
Tolerance on Length					+.002, -.005						

Description	A cylindrical fastener with a low-profile, hexagon-shaped head. The end opposite the head is internally threaded. It is considered a "blind" fastener because the threaded section does not extend through the entire length of the standoff. 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.
Applications / Advantages	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.
Material	Hardened Steel
For use in...	...materials with a hardness of Rockwell B80 or less.
Finish	Steel self-clinching standoffs are typically supplied with a zinc finish.