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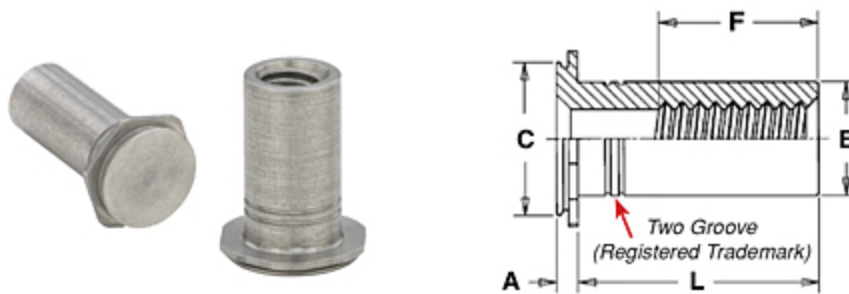
## Part # CSOS-032-8, Stainless Steel Standoffs - Types CSS, CSOS - Unified

These standoffs ensure permanent mounting in metal sheets as thin as .062 in.

The fastener head is locked securely in a blind, milled hole and is able to handle substantial loads. The concealed-head feature allows the side of the sheet opposite installation to remain smooth.

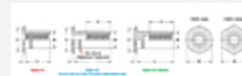
Sheet preparation only requires a milled blind hole to the recommended minimum depth. Center-cutting end mills for hole preparation are available from PennEngineering. Installation of the concealed-head studs and standoffs is

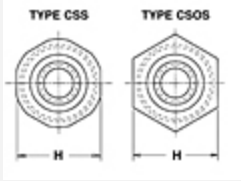
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### Specifications

<b>Thread Size</b>	.190-32 (#10-32)
<b>Thread Code</b>	032
<b>Length Code</b>	8
<b>Material Code</b>	S
<b>Style</b>	#2
<b>Shank</b>	Long
<b>Min. Sheet Thickness</b>	.093 in
<b>Blind Mounting Hole Diameter + .003 - .000</b>	.344 in
<b>Min. Depth of Blind Hole<sup>1</sup></b>	.075 in
<b>L - Length + .002 -.005</b>	.500 in
<b>A Max.</b>	.072 in



<b>B Max.<sup>2</sup></b>	.290 in	
<b>C Max.</b>	.343 in	
	.375 in	
<b>H Nom.</b>		
<b>Min. Dist. Hole C/L to Edge</b>	.281 in	
<b>For Use in Sheet Hardness</b>	HRB 70 / HB 125 or Less	
<b>Thread Specification</b>	Internal, ANSI B1.1, 2B	
<b>Fastener Material</b>	300 Series Stainless Steel	
<b>Standard Finish</b>	Passivated and/or tested per ASTM A380	
<b>CAD Supplier</b>	PennEngineering® (PEM®)	
<b>Min. Depth Full Thread F</b>	.375 in	

<sup>1</sup> Blind mounting holes may be deeper than minimums except where sheet material is at or near minimum thickness. Fasteners should always be installed so the flange is flush with the surface of the sheet.

<sup>2</sup> If standoff is used as a bushing, the hole in attached part must not exceed "B" plus .020" / 0.51 mm.