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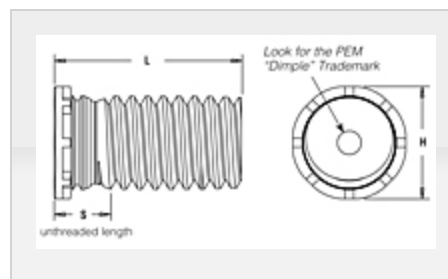
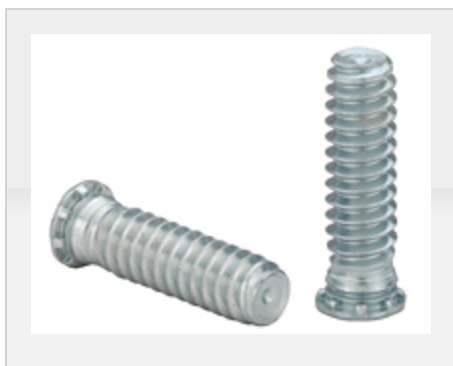
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Part # FHLS-032-8, Low-Displacement Head Studs - Types FHL, FHLS - Unified

PEM® self-clinching studs are installed by placing them in properly sized holes in the sheets and squeezing into place with any standard press. The squeezing action embeds the head of the stud into the sheet. The metal displaced by the head flows smoothly and evenly around the ribs and into the annular groove - creating a flushhead assembly and securely locking the stud into the sheet with high torque-out and pushout resistances.

FHL (flush low-displacement head) Studs install closer to the edge

[+ more](#)



Specifications

Thread Size .190-32 (#10-32)

Thread Code 032

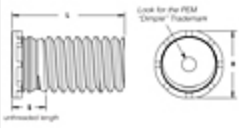
Length Code 8

Material Code S

Min. Sheet Thickness .040 in

Hole Size in Sheet + .003 - .000 .189 in

Max. Hole in Attached Parts .205 in

L - Length $\pm .015$	.500 in	
H $\pm .015$	.225 in	
S Max.¹	.100 in	
Min. Dist. Hole C/L to Edge	.210 in	
For Use in Sheet Hardness	HRB 70 / HB 125 or Less	
Thread Specification	External, ANSI B1.1, 2A	
Fastener Material	300 Series Stainless Steel	
Standard Finish	Passivated and/or tested per ASTM A380	
CAD Supplier	PennEngineering® (PEM®)	

¹ Threads are gageable to within 2 pitches of the "S" Max. dimension. A class 3B/5H maximum material commercial nut shall pass up to the "S" Max. dimension.