



## PennEngineering

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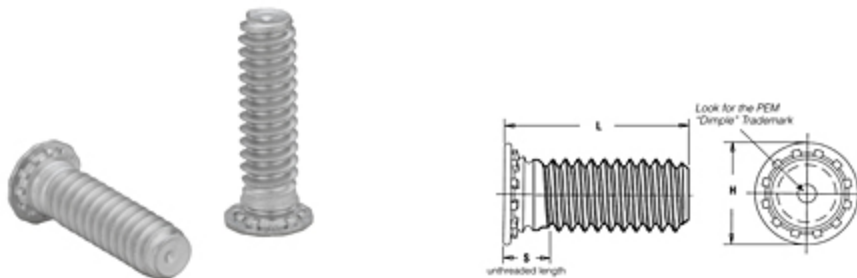
**Website:** [www.pemnet.com](http://www.pemnet.com)

## Part # FHP-632-10, Self-Clinching Studs for Stainless Steel Sheets - Types FH4™ and FHP™ - 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.

**FH4 & FHP (flush-head) Studs** for Stainless Steel are designed

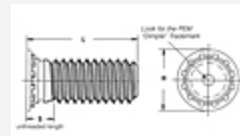
[+ more](#)



### Specifications

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<b>Thread Size</b>	.138-32 (#6-32)
<b>Thread Code</b>	632
<b>Length Code</b>	10
<b>Material Code</b>	P
<b>Sheet Thickness</b>	.040 to .095 in
<b>Hole Size in Sheet + .003 - .000</b>	.137 in
<b>Max. Hole in Attached Parts</b>	.157 in
	.625 in
<b>L - Length ± .015</b>	
<b>H ± .015</b>	.206 in
<b>S Max.<sup>1</sup></b>	.090 in
<b>Min. Dist. Hole C/L to Edge</b>	.250 in
<b>For Use in Sheet Hardness</b>	HRB 92 / HB 195 or Less



Thread Specification	External, ANSI B1.1, 2A
Fastener Material	Precipitation     Stainless Steel Hardened
Standard Finish	Passivated and/or tested per ASTM A380
CAD Supplier	PennEngineering® (PEM®)

<sup>1</sup> 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.