



## PennEngineering

### Corporate Headquarters – Danboro, PA

5190 Old Easton Rd.

Danboro, PA 18916

**Phone:** 215-766-8853

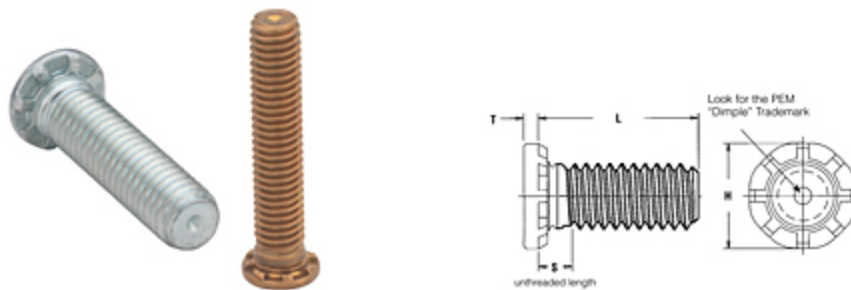
**Toll-Free Phone:** 1-800-237-4736 (U.S. only)

**Email:** [info@pemnet.com](mailto:info@pemnet.com)

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

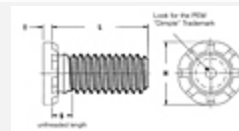
## Part # HFHB-M5-35X, High-Strength Studs - Type HFH/HFHS/HFHB - Metric

**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 s



### Specifications

<b>Thread Size x Pitch</b>	M5 x 0.8
<b>Thread Code</b>	M5
<b>Length Code</b>	35
<b>Material Code</b>	B
<b>Min. Sheet Thickness</b>	1.30 mm
<b>Hole Size in Sheet + 0.13</b>	5 mm
<b>Max. Hole in Attached Parts</b>	6.50 mm
<b>L - Length ± 0.4</b>	35 mm
<b>H ± 0.25</b>	7.8 mm
<b>S Max.<sup>1</sup></b>	2.7 mm
<b>T Max.</b>	1.14 mm
<b>Min. Dist. Hole C/L to Edge</b>	10.70 mm
<b>Thread Strength</b>	415 MPa
<b>For Use in Sheet Hardness</b>	HRB 55 / HB 83 or Less
<b>Thread Specification</b>	External, ASME B1.13M, 6g



<b>Fastener Material</b>	CDA-510 Phosphor Bronze
<b>Standard Finish</b>	No Finish
<b>CAD Supplier</b>	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.