



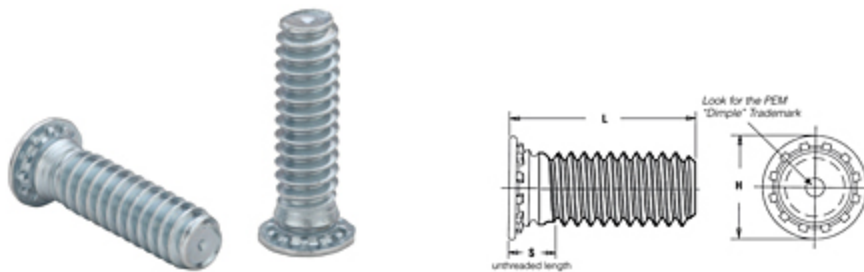
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Part # FH-M3-6ZI, Self-Clinching Threaded Studs - Type FH/FHS/FHA - Metric

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 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.

FH (flush-head) studs are available in aluminum, steel, or

[+ more](#)



Specifications

Thread Size x Pitch	M3 x 0.5
Thread Code	M3
Length Code	6
Min. Sheet Thickness	1 mm
Hole Size in Sheet + 0.08	3 mm
Max. Hole in Attached Parts	3.60 mm
	6 mm
L - Length ± 0.4	
H ± 0.4	4.60 mm
S Max.¹	2.10 mm
Min. Dist. Hole C/L to Edge	5.6 mm
For Use in Sheet Hardness	HRB 80 / HB 150 or less
Thread Specification	External, ASME B1.13M, 6g
Fastener Material	Heat-Treated Carbon Steel

Standard Finish	Zinc plated per ASTM B633,	SC1 (5µm), Type III, colorless
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.