



PennEngineering

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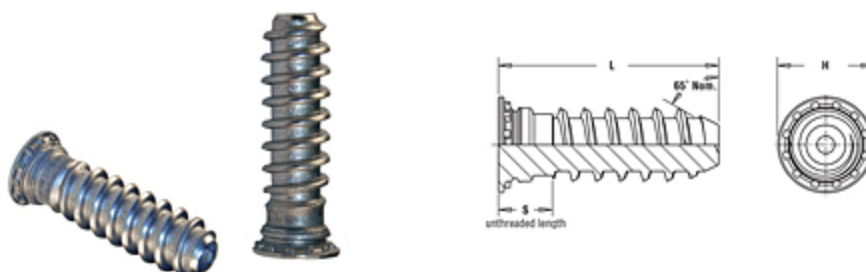
Part # FH-X5-25ZI, Flush-Head Studs with X-Press™ Thread Profile – Type FHX – Metric

PEM® self-clinching, flush-head studs with X-Press™ threads are typically used with push-on or other plastic fasteners. The coarse thread design of the thread reduces assembly time and provides high retention force.

These self-clinching studs are installed in metal sheets by pressing them into place with any standard press. They can also be installed using automated equipment during the in-die process.

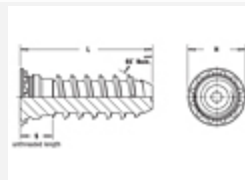
PEM® studs with X-Press™ threads are available with 5 mm and 6 mm metric threads. Lengths range from

[+ more](#)



Specifications

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Thread Size x Pitch	5 mm x 1.6
Thread Code	X5
Length Code	25
Min. Sheet Thickness	1 mm
Hole Size in Sheet + 0.08	5.2 mm
	25 mm
L - Length ± 0.4	
H ± 0.4	
S Max.	4 mm
For Use in Sheet Hardness	HRB 80 / HB 150 or less
Fastener Material	Hardened Carbon Steel
Standard Finish	Zinc plated per ASTM B633, SC1 (5µm), Type III, colorless

