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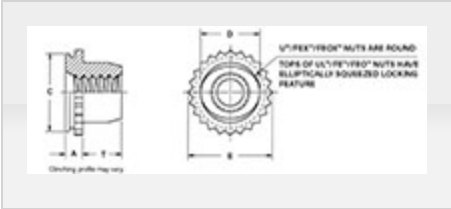
Part # FEX-M5, Miniature Self-Clinching Fasteners - Types U, UL, FE, FEO, FEOX, FEX - Metric

PEM® brand miniature fasteners fit into a minimal space and provide strong, reusable threads.

Types FE, FEO and UL are self-locking. Types FE and FEO thread locking torque performance is equivalent to applicable NASM25027 specifications. Ty



Specifications

Thread Size x Pitch	M5 x 0.8
Thread Type	Non-Locking
Thread Code	M5
A (Shank) Max.	1.53 mm
Sheet Thickness[1]	1.50 to 1.78 mm
Hole Size in Sheet + 0.08	7.39 mm
C - 0.13	7.37 mm
D Max.	6.48 mm
E ± 0.13	8.17 mm

T + 0.4	3.05 mm
Min. Dist. Hole C/L to Edge	5.20 mm
Max. Hole in Attached Parts	5.50 mm
For Use in Sheet Hardness[2]	HRB 70 / HB 125 or Less
Thread Specification	Internal, ANSI / ASME B1.13M, 6H
Fastener Material	300 Series Stainless Steel
Standard Finish	Passivated and/or tested per ASTM A380
CAD Supplier	PennEngineering® (PEM®)

[1] In applications between the sheet thicknesses for your thread size, see last paragraph of installation data on page FE-6. Knurled collar may fracture if fastener is used in sheets thicker than the specified range and the screw is tightened beyond maximum tightening torque.
[2] HRB - Hardness Rockwell “B” Scale. HB - Hardness Brinell.