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Part # FEO-M3-MD, 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.

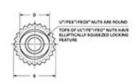
Types FE, FEO and UL are self-locking. Types FE and FEO thread locking torque performance is equivalent to applicable NASM25027 specifications. Type UL self-locking nuts meet locking torque requirements specified herein. Some sizes of FE, FEO, and UL can be ordered to NASM45938/7 specifications. Types FEX, FEOX and U have free-running class 2B/6H threads.

PEM miniature fasteners provide immediate visual

+ more







| Specifications | | - |
|------------------------------|-----------------|--|
| Thread Size x Pitch | M3 x 0.5 | |
| Thread Type | Self-Locking | |
| Thread Code | M3 | |
| A (Shank) Max. | 1.020 mm | The second of th |
| Sheet Thickness ¹ | 0.99 to 1.14 mm | |
| Hole Size in Sheet + 0.08 | 4.39 mm | |
| C - 0.13 | 4.37 mm | |
| D Max. | 3.96 mm | |
| E ± 0.13 | 4.88 mm | |
| T + 0.4 | 1.90 mm | |
| Min. Dist. Hole C/L to Edge | 3.6 mm | |
| Max. Hole in Attached Parts | 3.50 mm | |

| For Use in Sheet Hardness ² | HRB 70 / HB 125 or Less |
|--|--|
| Thread Specification | Internal, ANSI 4H6H 4H5H B1.21M, MJ (M6 thread) |
| Fastener Material | 300 Series Stainless Steel |
| Standard Finish | Black, Dry-film Lubricant |
| 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.