



PennEngineering

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Part # SMPS-M3, Nuts for Ultra-Thin Sheets - Type SMPS - Metric

Type SMPS self-clinching nuts are for installation into ultra-thin sheets. They feature a lower profile and can be mounted closer to the edge of a sheet than other self-clinching nuts.

- Installs into sheets as thin as 0.64 mm.
- Recommended for use in sheets HRB (Rockwell "B" scale) 70 or less and HB (Hardness Brinell) 125 or less.



Specifications

Thread Size x Pitch	M3 x 0.5
Thread Code	M3
	0.61 mm
A (Shank) Max.	
Min. Sheet Thickness	0.64 mm
Hole Size in Sheet + 0.08	4.24 mm
C Max.	4.22 mm
E ± 0.25	5.6 mm
T ± 0.25	1.4 mm
Min. Dist. Hole C/L to Edge	4.3 mm
For Use in Sheet Hardness	HRB 70 / HB 125 or Less
Thread Specification	Internal, ASME B1.13M, 6H

Fastener Material	300 Series Stainless Steel
Standard Finish	Passivated and/or tested per ASTM A380
CAD Supplier	PennEngineering® (PEM®)