



PennEngineering

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Part # SFN-M6-1ZI, Spinning Flare Nut - Type SFN™ - Metric

PEM® Type SFN™ spinning flare nut is a one piece, flanged hex nut that installs by simply pressing it into a properly sized, prepunched embossed mounting hole. The nut is permanently captive and still spins freely in the sheet. This allows quick attachment to mating hardware, eliminating much of the need for loose fasteners.

Above the sheet, the part appears identical to standard flanged hex nuts, while on the other side, the part remains flush.

The spinning flare nut eliminates loose hardware

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Specifications

Thread Size x Pitch	M6 x 1
Thread Code	M6
Shank Code	1
A (Shank) Max.	1.8 mm
Sheet Thickness ±0.1	1.5 mm
ØB1 Hole Size in Sheet +0.08	8.75 mm
ØB2 Panel Emboss Dia. Nom.	12.25 mm
B3 Panel Emboss Height Nom.	0.7 mm
C Max.	8.5 mm
E ±0.3	15.5 mm
H -0.2	9.98 mm
T ±0.25	7.00 mm
For Use in Sheet Hardness	Any



Thread Specification	Internal, ASME B1.1, 2B / ASME	B1.13M, 6H
Material	Carbon Steel	
Standard Finish	Zinc plated per ASTM B633,	SC1 (5µm), Type III, colorless
CAD Supplier	PennEngineering® (PEM®)	