



PennEngineering
Corporate Headquarters – Danboro, PA

5190 Old Easton Rd.

Danboro, PA 18916

Phone: 215-766-8853

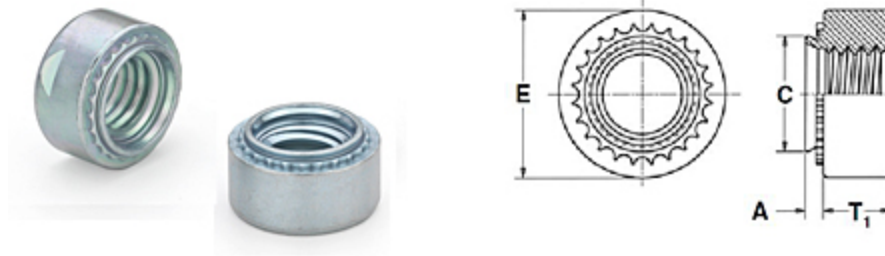
Toll-Free Phone: 1-800-237-4736 (U.S. only)

Email: info@pemnet.com

Website: www.pemnet.com

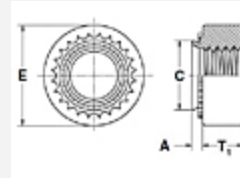
Part # H-M10-ZI, Nuts – Types H, HNL - Metric

- Meets torque requirements for IFI 100/107 Grade B (unified) and ANSI B18.16.1M (metric) locknuts.
- Type H is for use in sheet hardness HRB 80 or less on the Rockwell "B" scale.
- Type HNL are for use in sheet hardness HRB 60 or less on the Rockwell "B" scale.



Specifications

Thread Size	M10 x 1.5
Type	Non-Locking H
Thread Code	M10 1.48 mm
A (Shank) Max.	
Min. Sheet Thickness	1.48 mm
Hole Size in Sheet + 0.13	12.7 mm
C Max.	12.67 mm
E ± 0.25	16.5 mm
T1 ± 0.13	7.9 mm
Min. Dist. Hole C/L to Edge¹	12 mm



Thread Specification	ANSI/ASME B1.13M, 6H
Fastener Material	Heat-Treated Carbon Steel
Material Finish	Zinc plated per ASTM B633, SC1 (5µm), Type III, colorless
For Use in Sheet Hardness	HRB 80 / HB 150 or less
CAD Supplier	PennEngineering® (PEM®)

¹ To minimize sheet distortion and maximize product performance, use a centerline-to-edge value greater or equal to the value specified.