



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)

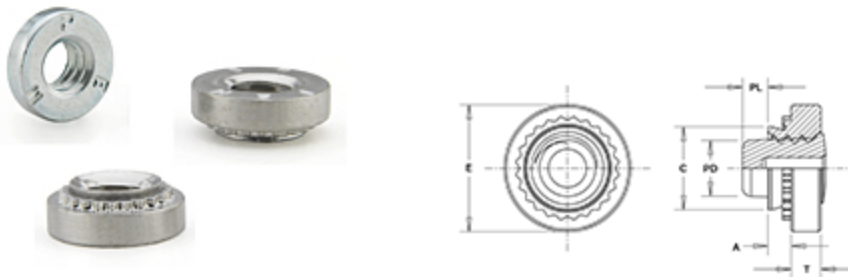
Email: info@pemnet.com

Website: www.pemnet.com

Part # SP-M5-2, Self-Clinching Nuts - Types S, SS, CLS, CLSS, SP - Metric

Type SP, PEM 300® nuts provide strong load-bearing threads in stainless steel sheets as thin as .030”.

Type SP is recommended for use in stainless steel sheets HRB (Rockwell "B" scale) 90 or less and HB (Hardness Brinell) 185 or less.



Specifications

Thread Size x Pitch	M5 x 0.8	
Thread Code	M5	
Shank Code	2	
A (Shank) Max.	1.38 mm	
Rec. Min. Sheet Thickness¹	1.4 mm	
Hole Size in Sheet + 0.08	6.35 mm	
C Max.	6.33 mm	
E ± 0.25	8.64 mm	
T ± 0.25	2.00 mm	
Min. Dist. Hole C/L to Edge²	7.10 mm	
For Use in Sheet Hardness³	HRB 90 / HB 185 or Less	
Thread Specification	Internal, ASME B1.13M, 6H	
Fastener Material	Age Hardened A286 Stainless Steel	

Standard Finish	Passivated and/or Tested	Per ASTM A380
CAD Supplier	PennEngineering® (PEM®)	

¹ For maximum performance, we recommend that you use the maximum shank length for your sheet thickness.

² To minimize sheet distortion and maximize product performance, use a centerline-to-edge value greater or equal to the value specified.

³ HRB - Hardness Rockwell "B" Scale. HB - Hardness Brinell.