



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 # TK4-30-1000, microPEM® TackSert™ Type TK™ Pins

For attachment of thin sheets to plastics, common casting materials and other similar base materials. Also available in micro sizes, which are ideal for compact electronics.

- Features and Benefits
- Secure sheets to common magnesium die casting materials such as AZ91D. Also appropriate for attaching panels to plastics such as ABS.
 - Alternative to screws, eliminating the need to tap or use threaded inserts.
 - Tapered tip for easier alignment into base panel.
 - Top sheet can be any material.
 - Low-

[+ more](#)



Specifications		
Type	TK4	
Base Panel Hole Size Code	30	
Length Code	1000	
Top Sheet Hole Size	0.146 in ±.005 in	3.7 mm ±0.12 mm
Base Panel Hole Size	0.118 in +.003 in 3 mm +0.08 mm	
Top Sheet Thickness Max.	3.1 mm	.122 in
C Max.	3.4 mm .134 in	

H	0.205 in ±.008 in	5.2 mm ±0.2 mm
L	0.394 in ±.010 in 10 mm ±0.25 mm	
T	0.04 in ±.006 in	1 mm ±0.15 mm
Min. Dist. Hole C/L to Edge¹	3.5 mm .138 in	
Material	400 Series Stainless Steel	
Standard Finish	Passivated and/or tested per ASTM A380	
For use in	Castings and Brittle Materials	
For Use in Sheet Hardness	HRB 80 or Less (Hardness Rockwell "B" Scale) HB 150 or Less (Hardness Brinell)	

¹ Minimum boss diameter is twice centerline-to-edge value.