



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

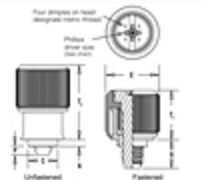
Part # PF12MF-M4-2, Large Knob, Spring-loaded - Types PF11MF and PF12MF - Metric

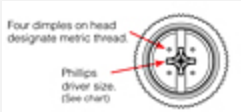
- Appropriate for close centerline-to-edge applications.
- Doesn't require high installation force.
- Installs into any panel hardness.
- Installs flush on back side of panel.



Specifications

Thread Size x Pitch	M4 x 0.7
Type	Smooth Cap - PF12MF
Thread Code	M4
Screw Length Code	2
A Max.	1.83 mm
Min. Sheet Thickness	1.52 mm
Hole Size in Sheet + 0.1	6.76 mm
C Max.	6.74 mm
E ± 0.25	13.06 mm



G ± 0.64	8.89 mm	
P ± 0.64	2.13 mm	
T1 Nom.	11.43 mm	
T2 Nom.	16.26 mm	
Driver Size	Slotted/#2 Phillips	
Thread Specification¹	ANSI/ASME B1.13M, 6g	
Material Knob	Aluminum	
Material Retainer	Aluminum	
Material Screw	Heat-Treated Carbon Steel	
Material Spring	300 Series Stainless Steel	
Finish Knob	Natural Finish	
Finish Retainer	Natural finish	
Finish Screw	Zinc plated (5µm), Type III, colorless per ASTM B633, SC1	
Finish Spring	Natural Finish	
CAD View	Fastened	
CAD Supplier	PennEngineering® (PEM®)	

¹ As with all external plated threads, Class 2A/6g, the maximum major and pitch, after plating, may equal basic sizes and be gauged to Class 3A/4h, per ANSI B1.1, Section 8, Table 3A and ANSI B1.13M, Section 8, Paragraph 8.2