



## 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)

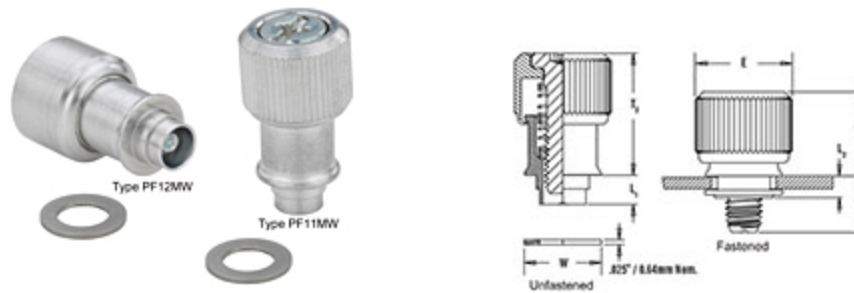
**Email:** [info@pemnet.com](mailto:info@pemnet.com)

**Website:** [www.pemnet.com](http://www.pemnet.com)

## Part # PF11MW-032-12, Large Knob, Spring-loaded - Types PF11MW and PF12MW - Unified

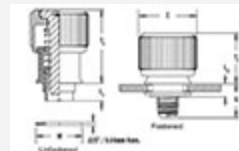
- Compensates for mating hole misalignment.
- Installs into any panel hardness.

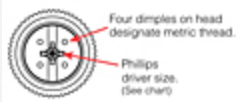
**NOTE:** Mating washers for PF11MW / PF12MW panel fasteners are not shown in 3D drawings.



### Specifications

<b>Thread Size</b>	.190-32 (#10-32)
<b>Type</b>	Knurled Cap - PF11MW
<b>Thread Code</b>	032
<b>Shank Code<sup>1</sup></b>	1
<b>Screw Length Code</b>	2
<b>A Max. Sheet Thickness</b>	.063 in
<b>B Min.</b>	.121 in
<b>D Hole Size in Sheet + 0.003 - 0.001</b>	.346 in
<b>E ± .010</b>	.514 in
<b>G Nom.</b>	.350 in
<b>H Min.</b>	.469 in



<b>L1 Nom.</b>	0.157 in
<b>L2 Max.</b>	.140 in
<b>T1 Nom.</b>	.450 in
<b>T2 Nom.</b>	.640 in
<b>Driver Size</b>	Slotted/#2 Phillips
	
<b>Min. Float</b>	.076 in
<b>W Nom.</b>	.407 in
<b>Thread Specification<sup>2</sup></b>	ANSI B1.1, 2A
<b>Material Knob</b>	Aluminum
<b>Material Retainer</b>	Aluminum
<b>Material Screw</b>	Heat-Treated Carbon Steel
<b>Material Spring</b>	300 Series Stainless Steel
<b>Material Washer</b>	300 Series Stainless Steel
<b>Finish Knob</b>	Natural Finish
<b>Finish Retainer</b>	Natural finish
<b>Finish Screw</b>	Zinc plated per ASTM B633, SC1 (5µm), Type III, colorless
<b>Finish Spring</b>	Natural Finish
<b>CAD View</b>	Fastened
<b>CAD Supplier</b>	PennEngineering® (PEM®)
<b>CAD Note</b>	Mating washers for PF11MW / PF12MW panel fasteners are not shown in 3D drawings.

<sup>1</sup> Other shank and screw lengths available.

<sup>2</sup> 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