

CAPTIVE PANEL SCREW PERFORMANCE DATA⁽¹⁾

PF11™/PF12™/PF15™/PF11M™/PF12M™/PF15M™/PEM C.A.P.S.® FASTENERS

UNIFIED	Type	Thread Code	Test Sheet Material			
			Aluminum		Cold-Rolled Steel	
			Installation (lbs.)	Retainer Pushout (lbs.)	Installation (lbs.)	Retainer Pushout (lbs.)
	PF11	440	1500	80	2500	145
		632	2000	95	3500	150
	PF12	832	3000	100	4500	160
	PF15	032	3000	100	4500	160
		0420	3500	105	5000	195

METRIC	Type	Thread Code	Test Sheet Material			
			Aluminum		Cold-Rolled Steel	
			Installation (kN)	Retainer Pushout (N)	Installation (kN)	Retainer Pushout (N)
	PF11	M3	6.7	355	11.1	645
	PF12	M4	13.3	445	20	710
	PF15	M5	13.3	445	20	710
		M6	15.6	465	22.2	865

PF11MF™ FASTENERS

UNIFIED	Type	Thread Code	Installation (lbs.)	Retainer Pullout (lbs.)
	PF11MF	440	250	81
		632	300	175
		832	350	180
		032	350	180
		0420	400	200

METRIC	Type	Thread Code	Installation (kN)	Retainer Pullout (N)
	PF11MF	M3	1.1	360
		M4	1.5	800
		M5	1.5	800
		M6	2	890

PF11MW™ FASTENERS

UNIFIED	Type	Thread Code	Test Sheet Material	
			.060" Cold-rolled Steel	
			Swaging Force (lbs.)	Retainer Pullout (lbs.)
	PF11MW	440	350	112
		632	400	138
		832	700	202
		032	700	202
		0420	900	212

METRIC	Type	Thread Code	Test Sheet Material	
			1.52mm Cold-rolled Steel	
			Swaging Force (N)	Retainer Pullout (N)
	PF11MW	M3	1557	499
		M3.5	1779	612
		M4	3114	897
		M5	3114	897
		M6	4003	945

PFHV™ FASTENERS

UNIFIED	Type	Thread Code	Test Sheet Material			
			Aluminum		Cold-Rolled Steel	
			Installation (lbs.)	Retainer Pushout (lbs.)	Installation (lbs.)	Retainer Pushout (lbs.)
	PFHV	440	1700	108	2200	118
		632	1850	117	2400	128
		832	2100	134	2700	147

METRIC	Type	Thread Code	Test Sheet Material			
			Aluminum		Cold-Rolled Steel	
			Installation (kN)	Retainer Pushout (N)	Installation (kN)	Retainer Pushout (N)
	PFHV	M3	8.1	516	10.5	564
		M3.5	8.8	561	11.4	614
		M4	9.4	599	12.1	656

(1) Published installation forces are for general reference. Actual set-up and confirmation of complete installation should be made by observing proper seating of fastener as described in the installation steps. Other performance values reported are averages when all proper installation parameters and procedures are followed. Variations in mounting hole size, sheet material, and installation procedure may affect performance. Performance testing this product in your application is recommended. We will be happy to provide technical assistance and/or samples for this purpose.