



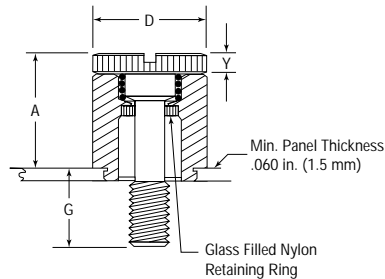
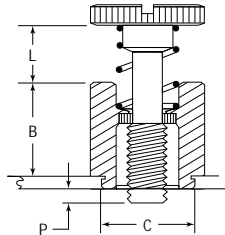
P-C Panel Board Fasteners

Series CPFK



CPFK P-C board panel fasteners provide permanent attachment of screw assemblies to P-C board substrate material. Screw assemblies remain captive for easy mounting and removal of board.

Series	Material	Finish
CPFK	300 Series Stainless Steel	Passivated ASTM A380



Dimensions & Specifications

Thread Size	Part Number	G ± .016 in. (0.4 mm)	P ± .016 in. (0.4 mm)	L ± .016 in. (0.4 mm)	D +.016 in. -.010 in. +0.4 mm -0.25 mm	A Max.	Y ± .005 in. (0.13 mm)	B ± .010 in. (0.25mm)	C ± .003 in. (0.08mm)	 +.003 in. (0.08 mm) -.000	 Min.
					Min.						
INCH (in.) #4-40	CPFK440-40	.250	.000	.19	.310	.36	.070	.28	.283	.265	.20
	CPFK440-62	.375	.125								
	CPFK440-84	.500	.250								
INCH (in.) #6-32	CPFK632-40	.250	.000	.19	.340	.36	.070	.28	.299	.281	.26
	CPFK632-62	.375	.125								
	CPFK632-84	.500	.250								
METRIC (mm) M3 x 0.5	CPFKM3-40	6.4	0.0	4.8	8.2	9.1	1.9	7.2	7.28	6.75	5.1
	CPFKM3-62	9.5	3.2								
	CPFKM3-84	12.7	6.4								

Installation & Performance Data

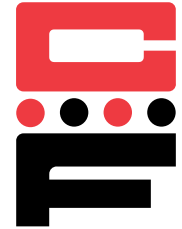
Thread Size	Fiberglass 0.060 in. (1.5 mm)		
	 Installation Force (lbs.)	 Pushout (lbs.)	 Torque-out (in.-lbs.)
INCH (in.) #4-40	250	55	(1)
INCH (in.) #6-32	400	60	(1)
Thread Size	Installation Force (kN)	Pushout (N)	Torque-out (N·m)
METRIC (mm) M3	1.1	245	(3)



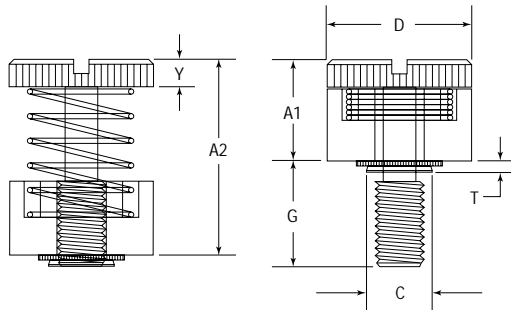
Patent Pending

Low-Profile Panel Fastener

Series LP



LP panel fasteners are preassembled for attachment to removable sheet metal panels. Screw assemblies remain captive for servicing ease and provide low profile when secure.



Series	Material	Finish*
LP	Carbon Steel	Bright Nickel over Copper Flash

*Black Nitride (BN) finish available.

Thread: Class 2A (6g metric).

Use in: Materials with Rockwell Hardness of B-60 or less.

Part Number Structure: LP-0-440-30



Dimensions & Specifications

	Thread Size	Type	Thread Code	Screw Length Code	Min. Sheet Thickness	T Max.	G ±.015 in. ±.4 mm	C Max.	D +.015 in. +.4 mm -.005 in. -0.13 mm	Y ±.015 in. ±.4 mm	A1 Max.	A2 ±.015 in. ±.4 mm	+0.003 in. +0.08 mm -0.00	
INCH (in.)	4-40	LP-0 LP-1 LP-2	440	30	.030 .040 .060	.030 .038 .058	.300	.202	.406	.083	.325	.595	.203	.26
	6-32	LP-0 LP-1 LP-2	632	30	.030 .040 .060	.030 .038 .058	.300	.218	.438	.083	.325	.595	.219	.28
	8-32	LP-0 LP-1 LP-2	832	30	.030 .040 .060	.030 .038 .058	.300	.249	.468	.088	.330	.600	.250	.29
	10-32	LP-0 LP-1 LP-2	1032	30	.030 .040 .060	.030 .038 .058	.300	.311	.530	.101	.335	.605	.312	.33
	1/4-20	LP-2	420	35	.060	.058	.350	.374	.625	.123	.385	.675	.375	.38
METRIC (mm)	M3x0.5	LP-1 LP-2	M3	30	1 1.5	.97 1.47	7.6	5.47	10.3	2.1	8.3	15.3	5.5	6.6
	M4x0.7	LP-1 LP-2	M4	30	1 1.5	.97 1.47	7.6	6.37	11.9	2.2	8.4	15.4	6.4	7.4
	M5x0.8	LP-1 LP-2	M5	30	1 1.5	.97 1.47	7.6	7.97	13.5	2.6	8.5	15.4	8.0	8.4
	M6x1	LP-2	M6	35	1.5	1.47	8.9	9.47	15.9	3.1	9.7	17	9.5	9.7

Installation & Performance Data

Type	5052-H34 Aluminum					
	Thread Code	Installation Force (lbs)	Pushout (lbs)*	Thread Code	Installation Force (kN)	Pushout (N)*
LP-0	440	2200	60-180	M3	9.5	280-820
	632	2400	64-185	N/S	N/A	N/A
LP-1	832	2800	66-195	M4	12	300-885
	1032	3500	70-195	M5	15	315-1150
LP-2	420	4300	319	M6	19	1420

* Pushout varies with shank length. N/A Not Available. N/S Not Stocked.



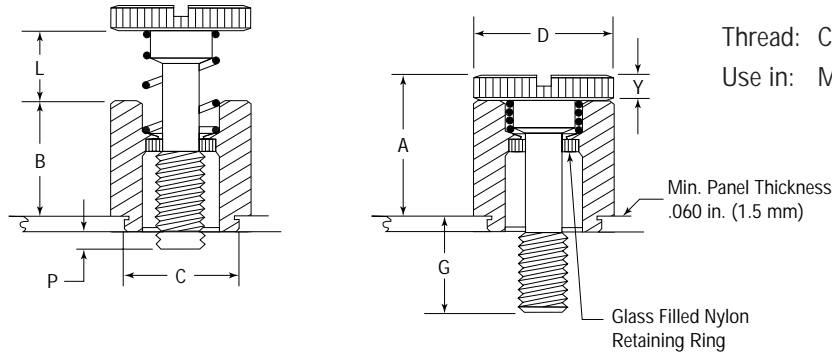
Pre-Assembled Panel Fasteners

Series CPFC2



CPFC2 panel fasteners provide permanent attachment of screw assemblies to removable sheet metal panels. Pre-assembled screw assemblies remain captive for easy mounting and removal of panel.

Series	Material	Finish
CPFC2	300 Series Stainless Steel	Passivated ASTM A380



Thread: Class 2A, MIL-S-7742; (6g ISO Metric).
Use in: Materials with Rockwell Hardness B-70 or less.

Dimensions & Specifications

Thread Size	Part Number	G ± .016 in.	P ± .016 in.	L ± .016 in.	D +0.016 in. -0.010 in.	A Max.	Y +0.05 in. -0.000 in.	B ± .010 in.	C Max.	+0.003 in. -0.000	Min.
#4-40	CPFC2440-40	.250	.000	.19	.31	.36	.070	.28	.264	.265	.25
	CPFC2440-62	.375	.125								
	CPFC2440-84	.500	.250								
#6-32	CPFC2632-40	.250	.000	.19	.34	.36	.070	.28	.280	.281	.28
	CPFC2632-62	.375	.125								
	CPFC2632-84	.500	.250								
#8-32	CPFC2832-50	.312	.000	.25	.38	.45	.080	.36	.311	.312	.31
	CPFC2832-72	.437	.125								
	CPFC2832-94	.562	.250								
#10-32	CPFC21032-50	.312	.000	.25	.41	.45	.080	.36	.343	.344	.34
	CPFC21032-72	.437	.125								
	CPFC21032-94	.562	.250								
1/4-20	CPFC2420-60	.375	.000	.31	.47	.58	.095	.47	.412	.413	.38
	CPFC2420-82	.500	.125								
	CPFC2420-04	.625	.250								

Continued on next page.




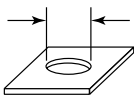
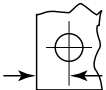
Pre-Assembled Panel Fasteners

Series CPFC2

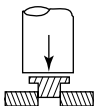

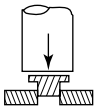



Continued from previous page.

Dimensions & Specifications

		Thread Size	Part Number	G	P	L	D	A	Y	B	C		
				± 0.4 mm	± 0.4 mm	± 0.4 mm	+0.4 mm -0.25 mm	Max.	± 0.13 mm	± 0.25 mm	Max.		
METRIC (mm)	M3 x 0.5	CPFC2M3-40	6.4	0.0	4.8	7.9	9.1	1.83	7.2	6.7	6.75	6.4	
		CPFC2M3-62	9.5	3.2									
		CPFC2M3-84	12.7	6.4									
	M4 x 0.7	CPFC2M4-50	7.9	0.0	6.4	9.5	11.4	2.08	9.3	7.9	7.95	7.9	
		CPFC2M4-72	11.1	3.2									
		CPFC2M4-94	14.3	6.4									
	M5 x 0.8	CPFC2M5-50	7.9	0.0	6.4	10.3	11.4	2.08	9.3	8.7	8.75	8.7	
		CPFC2M5-72	11.1	3.2									
		CPFC2M5-94	14.3	6.4									
	M6 x 1.0	CPFC2M6-60	9.5	0.0	7.9	11.9	14.6	2.49	12.0	10.5	10.5	9.5	
		CPFC2M6-82	12.7	3.2									
		CPFC2M6-04	15.9	6.4									

Installation & Performance Data

Thread Size	Cold-rolled Steel		5052-H34 Aluminum		
	 Installation Force (lbs.)	 Pushout (lbs.)	 Installation Force (lbs.)	 Pushout (lbs.)	
INCH (in.)	#4-40	3000	300	2400	240
	#6-32	3500	350	2700	275
	#8-32	3800	400	2900	300
	#10-32	4000	500	3000	400
	1/4-20	5000	600	3500	400
		(kN)	(N)	(kN)	(N)
METRIC (mm)	M3	13.3	1330	10.7	1070
	M4	16.9	1780	12.9	1330
	M5	17.8	2220	13.3	1780
	M6	22.2	2670	15.6	1780