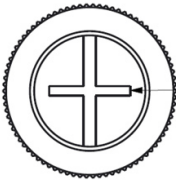


# Self-Clinching Collar Base Panel Fastener

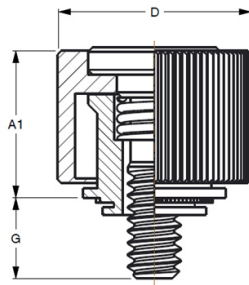
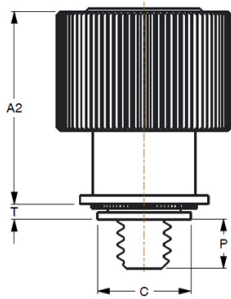
## Series PSK/PSS



PS panel fastener are preassembled for attachment to removable sheet metal panels. Captive screw assemblies are spring loaded, for servicing ease, and provide low profile when secured. Combination cross-recess/slot head with knurled or smooth knob allows finger to tool operation. The base design has a collar that provides a mechanical stop when installed.



PHILLIPS®  
DRIVER



Series	Head	Material	Finish*
PSK	Knurled	Aluminum Knob	Natural
		Steel Base	Nickel/Copper ASTM B689
PSS	Smooth	Stainless Screw	Passivated ASTM A967

Thread: External 2A, ANSI B1.1 (6g, ANSI/ASME B1.13M).

Use in: Material with Rockwell Hardness of B-80 or less.

Part Number Structure:

PSK-440-0



\* Black Nitride (BN) finish available

### Dimensions & Specifications

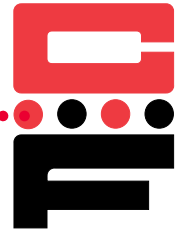
	Thread Size	Driver Size	Type		Thread Code	Screw Length Code	Min.	T Max.	P ±.025	G ±.025	C Max.	D ±.010	A1 Nom.	A2 Nom.	+0.003 -0.000	Min.
			Knurled Head	Smooth Head												
INCH (in.)	440	#1	PSK	PSS	440	-0	.036	.036	.000	.170	.218	.417	.310	.450	.219	.28
						-1			.060	.230						
						-2			.120	.290						
	632	#2	PSK	PSS	632	-0	.036	.036	.000	.230	.249	.450	.450	.640	.250	.29
						-1			.060	.290						
						-2			.120	.350						
	832	#2	PSK	PSS	832	-0	.036	.036	.000	.230	.311	.514	.450	.640	.312	.33
						-1			.060	.290						
						-2			.120	.350						
	1032	#2	PSK	PSS	1032	-0	.036	.036	.000	.230	.311	.514	.450	.640	.312	.33
						-1			.060	.290						
						-2			.120	.350						
1/4-20	#2	PSK	PSS	420	-0	.036	.036	.000	.290	.374	.575	.530	.790	.375	.46	
					-1			.060	.350							
					-2			.120	.410							

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# Self-Clinching Collar Base Panel Fastener

## Series PSK/PSS








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### Dimensions & Specifications

		Driver Size	Type		Thread Code	Screw Length Code		T Min.	T Max.	P ±.64	G ±.64	C Max.	D ±.25	A1 Nom.	A2 Nom.	+0.08 -0.00	Min.
			Knurled Head	Smooth Head													
METRIC (mm.)	M3x0.5	#1	PSK	PSS	M3	-0	.92	.92	0	4.32	5.54	10.59	7.87	11.43	5.56	7.11	
						-1			1.52	5.84							
						-2			3.05	7.37							
	M3.5x0.6	#2	PSK	PSS	M3.5	-0	.92	.92	0	5.84	6.33	11.43	11.43	16.26	6.35	7.37	
						-1			1.52	7.37							
						-2			3.05	8.89							
	M4x0.7	#2	PSK	PSS	M4	-0	.92	.92	0	5.84	7.9	13.06	11.43	16.26	7.92	7.38	
						-1			1.52	7.37							
						-2			3.05	8.89							
	M5x0.8	#2	PSK	PSS	M5	-0	.92	.92	0	5.84	7.9	13.06	11.43	16.26	7.92	7.38	
						-1			1.52	7.37							
						-2			3.05	8.89							
M6x1.0	#2	PSK	PSS	M6	-0	.92	.92	0	7.37	9.5	14.61	13.46	20.07	9.53	11.68		
					-1			1.52	8.89								
					-2			3.05	10.41								

### Installation & Performance Data

Type		Thread Code	Sheet Material			
			Aluminum		Cold-rolled Steel	
						
			Installation Force (lbs.)	Pushout (lbs.)	Installation Force (lbs.)	Pushout (lbs.)
PSK PSS		440	1500	80	2500	145
		632	2000	95	3500	150
		832	3000	100	4500	160
		1032	3000	100	4500	160
		420	3000	105	5000	195
Type		Thread Code	Installation Force (kN.)	Pushout (N)	Installation Force (kN.)	Pushout (N)
PSK PSS		M3	6.7	355	11.1	645
		M4	13.3	445	20	710
		M5	13.3	445	20	710
		M6	15.6	465	22.2	865