

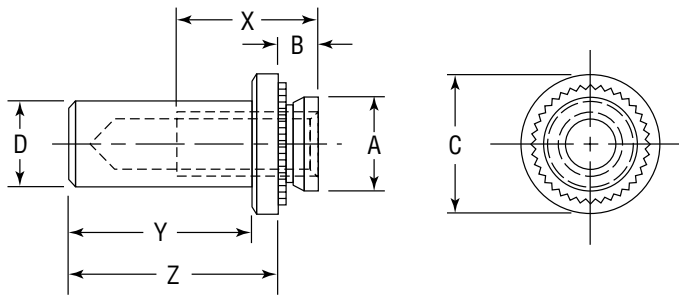


Blind Press Nuts

Series CFB & CFBS



CFB & CFBS blind, sealed-thread, press nuts are designed to provide extended thread lengths in thin sheet metal. Press nuts provide a seal against the entrance of dirt, oils, moisture, and corrosive atmospheres. They are usually more economical to use than nut and screw-type hardware that require elaborate seals and special assembly procedures.



Series	Material	Finish
CFB	Heat-treated Carbon Steel	Zinc* Clear
CFBS	300 Series Stainless Steel	Passivated ASTM A380

*Spec. ASTM B633-85

These fasteners are identical to industry standards in all respects. Identical dimensions and hole sizes permit them to be fed through automatic insertion equipment. Captive blind press nuts are available in sizes from 4-40 to 1/4-20 (M3 to M6) in both carbon and stainless steel.

Use In: CFB – Materials with HRB-80 or less.

CFBS – Materials with HRB-70 or less.

Dimensions & Specifications

	Thread Size	Part Number		Barrel Dia. D Max.	Min.	Shank Dia. A Max.	Y Max.	B Max.	C ±.01 in. (±.25 mm)	Z ±.01 in. (±.25 mm)	X Depth Full Thread Min.
		Carbon Steel	Stainless Steel								
INCH (in.)	#4-40	CFB440-1	CFBS440-1	.149	.040	.165	.335	.038	.25	.38	.19
		CFB440-2	CFBS440-2		.056						
	#6-32	CFB632-1	CFBS632-1	.169	.040	.186	.335	.038	.28	.38	.22
		CFB632-2	CFBS632-2		.056						
	#8-32	CFB832-1	CFBS832-1	.204	.040	.212	.385	.038	.31	.44	.27
CFB832-2		CFBS832-2	.056								
#10-32	CFB1032-1	CFBS1032-1	.235	.040	.249	.385	.038	.34	.44	.28	
	CFB1032-2	CFBS1032-2		.056							
1/4-20	CFB420-1	CFBS420-1	.305	.056	.343	.500	.054	.43	.56	.34	
	CFB420-2	CFBS420-2		.090							
METRIC (mm)	M3 x 0.5	CFBM3-1	CFBSM3-1	3.8	1.0	4.22	8.5	0.97	6.35	9.6	4.8
		CFBM3-2	CFBSM3-2		1.4			1.37			
	M4 x 0.7	CFBM4-1	CFBSM4-1	5.2	1.0	5.38	9.8	0.97	7.95	11.2	6.9
		CFBM4-2	CFBSM4-2		1.4			1.37			
	M5 x 0.8	CFBM5-1	CFBSM5-1	6.0	1.0	6.38	9.8	0.97	8.75	11.2	7.1
		CFBM5-2	CFBSM5-2		1.4			1.37			
	M6 x 1.0	CFBM6-1	CFBSM6-1	7.8	1.4	8.72	12.7	1.37	11.10	14.3	8.6
		CFBM6-2	CFBSM6-2		2.3			2.21			

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

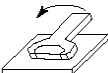


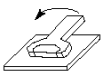


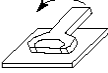


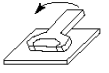
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Series CFB & CFBS



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Installation & Performance Data

INCH (in.)	Thread Size	Shank Code	Min	Cold-rolled Steel			5052-H34 Aluminum		
									
				Installation Force (Tons)	Pushout (lbs.)	Torque-out (lbs.)	Installation Force (Tons)	Pushout (lbs.)	Torque-out (lbs.)
	#4-40	-1	.040	2500	120	12	1600	95	11
				3500	225	17	2000	165	12
	#632	-1	.040	3000	125	17	1800	100	16
				4000	255	27	2800	185	21
	#832	-1	.040	3500	130	29	2000	105	24
				5000	280	44	3000	215	34
#10-24	-1	.040	4000	135	34	2100	105	33	
			5000	315	59	3500	265	49	
#10-32	-2	.056	5000	315	59	3500	265	49	
			6000	390	104	4000	310	90	
¼-20	-1	.056	6000	390	104	4000	310	90	
				Cold-rolled Steel			5052-H34 Aluminum		
									
	Thread Size	Shank Code	Min	Installation Force (kN)	Pushout (N)	Torque-out (N m)	Installation Force (kN)	Pushout (N)	Torque-out (N m)
METRIC (mm)	M3	-1	1	10	555	1.36	7.1	435	1.24
				13	1000	1.92	9	745	1.36
	M4	-1	1	15	595	1.92	8.9	485	1.81
				19	1245	3.05	12.5	965	2.37
	M5	-1	1	17	615	3.28	9.3	485	2.71
				24	1405	4.97	14	1185	3.84
M6	-1	1.4	25	1775	11.75	17.8	1395	10.17	