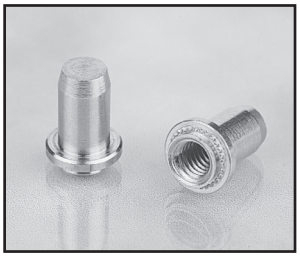


Self-Clinching Blind Press Nuts

Series CFB & CFBS

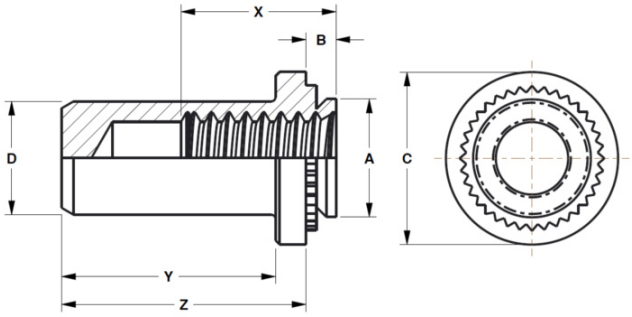
CFB & CFBS blind, sealed-thread, press nuts are designed to provide extended thread lengths in thin sheet metal. Press nuts provide a seal against the entrance of dirts, oils, moisture, and corrosive atmospheres. They are usually more economical to use than nut and screw-type hardware that require elaborate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

Series	Material	Finish
CFB	Heat-treated Carbon Steel	Zinc* Clear
CFBS	300 Series Stainless Steel	Passivated ASTM A967

*See Finish Spec. on Page 6.

Thread: Internal 2B, ANSI B1.1 (6H, ANSI/ASME B1.13M).

Use In: CFB – Materials with HRB-80 or less.
CFBS – Materials with HRB-70 or less.



Dimensions & Specifications

	Thread Size	Part Number: Carbon Steel	Part Number: Stainless Steel	Barrel Dia. D Max.	Min.	+.003 in. (.08 mm) - .000(.00)	Shank Dia A Max.	Y Max	B Max	C ±.01 in. (±.25mm)	Z ±.01 in. (±.25mm)	Min.	X Depth Full Thread Min.
INCH (in.)	440	CFB440-1	CFBS440-1	.149	.040	.166	.165	.335	.038	.25	.38	.19	.21
		CFB440-2	CFBS440-2		.056				.054				
	632	CFB632-1	CFBS632-1	.169	.040	.187	.186	.335	.038	.28	.38	.22	.23
		CFB632-2	CFBS632-2		.056				.054				
	832	CFB832-1	CFBS832-2	.204	.040	.213	.212	.385	.038	.31	.44	.27	.28
		CFB832-2	CFBS832-2		.056				.054				
	1032	CFB1032-1	CFBS1032-1	.235	.040	.250	.249	.385	.038	.34	.44	.28	.28
		CFB1032-2	CFBS1032-2		.056				.054				
	1/4-20	CFB420-1	CFBS420-1	.305	.056	.344	.343	.500	.054	.43	.56	.34	.31
		CFB420-2	CFBS420-2		.090				.087				
METRIC (mm)	M3X0.5	CFBM3-1	CFBSM3-1	3.8	1.0	4.25	4.22	8.5	.97	6.35	9.6	4.8	5.3
		CFBM3-2	CFBSM3-2		1.4				1.37				
	M4X0.7	CFBM4-1	CFBSM4-1	5.2	1.0	5.4	5.38	9.87	.97	7.95	11.2	6.9	7.1
		CFBM4-2	CFBSM4-2		1.4				1.37				
	M5X0.8	CFBM5-1	CFBSM5-1	6.0	1.0	6.4	6.38	9.8	.97	8.75	11.2	7.1	7.1
		CFBM5-2	CFBSM5-2		1.4				1.37				
	M6X1.0	CFBM6-1	CFBSM6-1	7.8	1.4	8.75	8.75	12.7	1.37	11.10	14.3	8.6	7.8
		CFBM6-2	CFBSM6-2		2.3				2.21				

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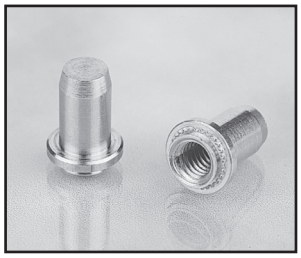
Self-Clinching Blind Press Nuts

Series CFB & CFBS



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Installation & Performance Data

	Thread Size	Shank Code	Min.	Cold Rolled Steel: Installation Force (lbs.)	Cold Rolled Steel: Pushout (lbs.)	Cold Rolled Steel: Torque Out (in.lbs.)	5052-H34 Aluminum: Installation Force (lbs.)	5052-H34 Aluminum: Pushout (lbs.)	5052-H34 Aluminum: Torque Out (in.lbs.)
INCH (in.)	#4-40	-1	.040	2500	125	13	1600	90	10
		-2	.056	3500	230	18	2000	170	13
	#6-32	-1	.040	3000	130	18	1800	95	17
		-2	.056	4000	260	28	2800	190	22
	#8-32	-1	.040	3500	135	30	2000	105	23
		-2	.056	5000	285	45	3000	220	35
	#10-32	-1	.040	4000	140	35	2100	110	32
		-2	.056	5000	250	60	3500	190	50
	1/4-20	-1	.056	6000	400	105	4000	315	90
		-2	.090						

	Thread Size	Shank Code	Min.	Cold Rolled Steel: Installation Force (kN)	Cold Rolled Steel: Pushout (N)	Cold Rolled Steel: Torque Out (N•m)	5052-H34 Aluminum: Installation Force (kN)	5052-H34 Aluminum: Pushout (N)	5052-H34 Aluminum: Torque Out (N•m)
METRIC (mm)	M3	-1	1	11.1	550	1.5	7.1	400	1.15
		-2	1.4	14	1010	2.05	9	750	1.47
	M4	-1	1	15.6	600	3.4	8.9	470	2.6
		-2	1.4	20	1250	5.1	12.5	970	4
	M5	-1	1	17.8	620	5	9.3	480	3.6
		-2	1.4	25	1112	6.8	14	845	5.7
	M6	-1	1.4	25.7	1760	11.9	17.8	1400	10.2
		-2	2.3						