

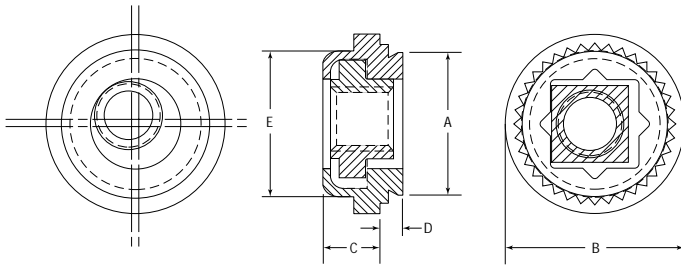


Floating Clinch Nuts

Series CFAS & CFAC



CFAS & CFAC floating clinch nuts provide a self-clinching fastener with a floating nut that compensates for mating misalignments to 0.030 inches (.8 mm).



STARBURST™ design indicates genuine Captive Floating Nut.

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

*Spec. ASTM B633-85

Thread: Non Locking: Class 2B, MIL-S-7742; (6H ISO metric).
Self Locking: Class 3B, ANSI B1-1; (6H ISO metric).

Float: .015 in. (.4mm) minimum in all directions from center, 0.030 in. (.8mm) total.

Use in: Materials with Rockwell Hardness of B-70 or less.

Dimensions & Specifications

Thread Size	Part Number		D Max.	Min.	+.003 in. (.08mm) -.000	A Max.	E Max.	B ± .015 in. (.381mm)	C Max.	Min.	
	Carbon Steel	Stainless Steel									
INCH (in.)	#4-40	CFAS440-1	CFAC440-1	.038	.040	.290	.289	.290	.36	.13	.30
		CFAS440-2	CFAC440-2	.054	.056						
	#6-32	CFAS632-1	CFAC632-1	.038	.040	.328	.327	.330	.39	.13	.32
		CFAS632-2	CFAC632-2	.054	.056						
	#8-32	CFAS832-1	CFAC832-1	.038	.040	.368	.367	.365	.44	.13	.34
		CFAS832-2	CFAC832-2	.054	.056						
	#10-24	CFAS1024-1	CFAC1024-1	.038	.040	.406	.405	.405	.47	.16	.36
		CFAS1024-2	CFAC1024-2	.054	.056						
#10-32	CFAS1032-1	CFAC1032-1	.038	.040	.406	.405	.405	.47	.16	.36	
	CFAS1032-2	CFAC1032-2	.054	.056							
1/4-20	CFAS420-2 ¹	CFAC420-2 ¹	.054	.056	.515	.514	.510	.60	.20	.42	
1/4-28	CFAS428-2 ¹	CFAC428-2 ¹	.054	.056							
METRIC (mm)	M3 x 0.5	CFASM3-1	CFACM3-1	0.97	1.0	7.4	7.34	7.4	9.1	3.3	7.6
		CFASM3-2	CFACM3-2	1.37	1.4						
	M4 x 0.7	CFASM4-1	CFACM4-1	0.97	1.0	9.4	9.32	9.3	11.2	3.3	8.6
		CFASM4-2	CFACM4-2	1.37	1.4						
	M5 x 0.8	CFASM5-1	CFACM5-1	0.97	1.0	10.3	10.29	10.3	11.9	4.3	9.0
		CFASM5-2	CFACM5-2	1.37	1.4						
	M6 x 1.0	CFASM6-2 ¹	CFACM6-2 ¹	1.37	1.4	13.1	13.06	13.0	15.3	5.3	11.0

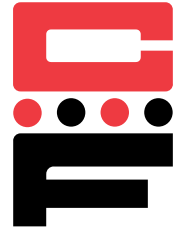
¹Not stocked, available on special order.

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Installation & Performance Data

Thread Size	Shank	Cold-rolled Steel			2024-T3 Aluminum			5052-H34 Aluminum				
		Installation Force (tons)	Pushout (lbs.)	Torque-out (in.-lbs.)	Installation Force (tons)	Pushout (lbs.)	Torque-out (in.-lbs.)	Installation Force (tons)	Pushout (lbs.)	Torque-out (in.-lbs.)		
INCH (in.)	#4-40	-1	1 – 2	300	85	1 – 2	220	65	.5 – .75	215	65	
		-2	1 – 2	300	150	1 – 2	225	150	1	225	80	
	#6-32	-1	1 – 2	300	150	1 – 2	235	110	1	240	140	
		-2	1 – 2	300	175	1 – 2	275	150	1	250	150	
	#8-32	-1	1 – 2	300	150	1 – 2	240	110	1	250	140	
		-2	1 – 2	400	200	1 – 2	300	150	1	265	150	
	#10-24	-1	1	400	150	1 – 2	300	150	1	300	150	
		-2	2	450	200	1 – 2	300	200	1	350	175	
	#10-32	-1	2	400	150	1 – 2	300	150	1	300	150	
		-2	2	450	200	1 – 2	300	200	1	350	175	
	1/4-20 1/4-28	-2	2 – 3	500	325	2 – 3	300	325	1 – 2	400	325	
	Thread Size	Shank	Installation Force (kN)	Pushout (N)	Torque-out (N•m)	Installation Force (kN)	Pushout (N)	Torque-out (N•m)	Installation Force (kN)	Pushout (N)	Torque-out (N•m)	
	METRIC (mm)	M3	1	13	1330	9	13	970	7	7	950	9
			2	14	1330	17	14	1000	17	9	1000	17
M4		1	14	1330	17	14	1050	12	9	1100	17	
		2	15	1780	22	15	1330	17	10	1178	22	
M5		1	15	1780	17	15	1330	17	10	1330	17	
		2	16	2000	22	16	1550	22	11	1550	22	
M6		2	23	2220	36	23	1330	36	14	1780	36	