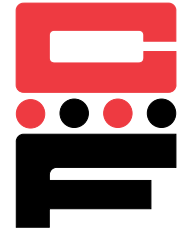
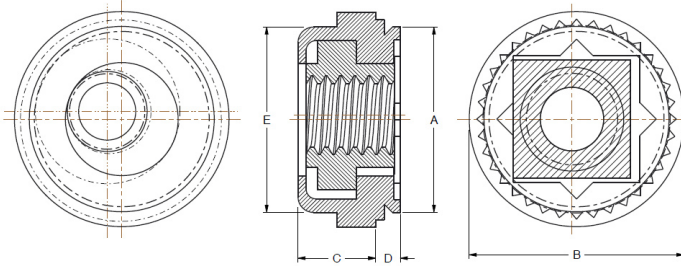


# Self-Clinching Floating Nuts

## Series CFAS & CFAC



CFAS & CFAC floating clinch nuts provide a self-clinching fastener with a floating nut that compensates for mating misalignments to .030 inches (.8 mm).



STARBURST® design indicates genuine Captive self-clinching Floating Nut.

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

\*See Finish Spec. on Page 6.

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

Float: .015 in. (.4mm) minimum in all directions from center, .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(.00)	A Max	E Max	B ±.015 in. (±.38mm)	C Max	Min.	
	Carbon Steel	Stainless Steel									
INCH (in.)	#4-40	CFAS440-1	CFAC440-1	.038	.038	.290	.289	.290	.36	.130	0.3
		CFAS440-2	CFAC440-2	.054	.054						
	#6-32	CFAS632-1	CFAC632-1	.038	.038	.328	.327	.335	.39	.130	0.32
		CFAS632-2	CFAC632-2	.054	.054						
	#8-32	CFAS832-1	CFAC832-1	.038	.038	.368	.367	.365	.44	.130	0.34
		CFAS832-2	CFAC832-2	.054	.054						
	#10-24	CFAS1024-1	CFAC1024-1	.038	.038	.406	.405	.405	.47	.170	0.36
		CFAS1024-2	CFAC1024-2	.054	.054						
#10-32	CFAS1032-1	CFAC1032-1	.038	.038	.406	.405	.405	.47	.170	0.36	
	CFAS1032-2	CFAC1032-2	.054	.054							
1/4-20	CFAS420-2	CFAC420-2	.054	.054	.515	.514	.510	.60	.210	0.42	
1/4-28	CFAS428-2	CFAC428-2	.054	.054							
METRIC (mm)	M3x0.5	CFASM3-1	CFACM3-1	.97	.97	7.37	7.36	7.37	9.14	3.31	7.62
		CFASM3-2	CFACM3-2	1.38	1.38						
	M4x0.7	CFASM4-1	CFACM4-1	.97	.97	9.35	9.33	9.28	11.18	3.31	8.64
		CFASM4-2	CFACM4-2	1.38	1.38						
	M5x0.8	CFASM5-1	CFACM5-1	.97	.97	10.31	10.29	10.29	11.94	4.32	9.14
		CFASM5-2	CFACM5-2	1.38	1.38						
M6x1.0	CFASM6-2	CFACM6-2	1.38	1.38	13.08	13.06	12.96	15.24	5.34	10.67	

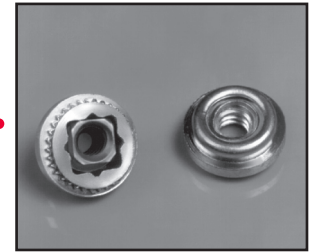
†Not stocked, available on special order.

Continued on next page.



# Self-Clinching Floating Nuts

## Series CFAS & CFAC



Continued from previous page

### Installation & Performance Data

Thread Size	Shank	Cold-rolled Steel			2024-T3 Aluminum			5052-H34 Aluminum			
		Installation Force (lbs.)	Pushout (lbs.)	Torque-out (in.-lbs.)	Installation Force (lbs.)	Pushout (lbs.)	Torque-out (in.-lbs.)	Installation Force (lbs.)	Pushout (lbs.)	Torque-out (in.-lbs.)	
INCH (in.)	#4-40	-1	3000	300	85	3000	220	65	1500	215	65
		-2	3000	300	150	3000	225	150	2000	225	80
	#6-32	-1	3000	300	150	3000	235	110	2000	240	140
		-2	3000	300	175	3000	275	150	2000	250	150
	#8-32	-1	3000	300	150	3000	240	110	2000	250	140
		-2	3000	400	200	3000	300	150	2000	265	150
	#10-24	-1	3500	400	150	3500	300	150	2000	300	150
		-2	3500	450	200	3500	300	200	2000	350	175
	#10-32	-1	3500	400	150	3500	300	150	2000	300	150
		-2	3500	450	200	3500	300	200	2000	350	175
	1/4-20 1/4-28	-2	5000	500	325	5000	300	325	3000	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	13.3	1334	9.6	13.3	978	7.3	6.7	956	7.3
		-2	13.3	1334	16.9	13.3	1000	16.9	8.9	1000	9
	M4	-1	13.3	1334	16.9	13.3	1067	12.4	8.9	1112	15.8
		-2	13.3	1779	22.6	15.6	1334	16.9	8.9	1178	16.9
	M5	-1	15.6	1779	16.9	15.6	1334	16.9	8.9	1334	16.9
		-2	15.6	2001	22.6	16.6	1334	22.6	8.9	1556	19.7
	M6	-2	22.2	2224	36.7	22.2	1334	36.7	13.3	1779	36.7