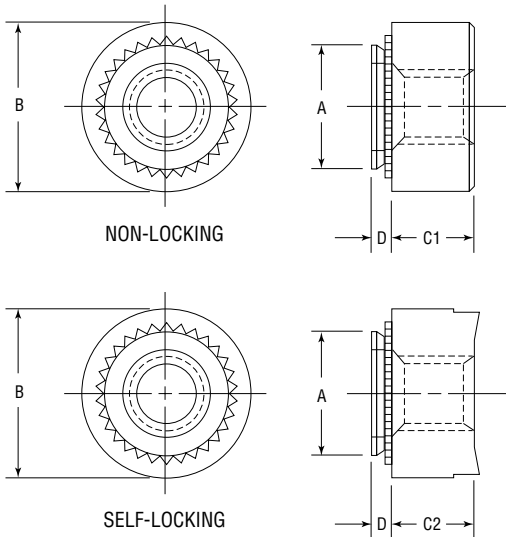


Self-Clinching Nuts

Series CFH, CFHN & CFHNL



CFH nut fasteners are available in both locking and non-locking, heat treated and non-heat treated, offering an opportunity to up-grade fastening quality with appreciable cost reduction over weld nuts.



Series	Material	Finish
CFH-X	Heat-treated	None
CFH-ZI	Carbon Steel	Zinc* Clear
CFHN-X	Non-Heat Treated Carbon Steel	None
CFHN-ZI		Zinc* Clear
CFHNL-X		None
CFHNL-ZI		Zinc* Clear

*Spec. ASTM B633-85

Thread: Class 2B, MIL-S-7742; (6H ISO metric).
 Locking Performance: Prevailing torque complies with the requirements of IFI-100/107 for Grade B (inch) and ANSI B18.161M Class 9 (metric) locknuts.
 Use in: CFH-materials with Rockwell Hardness of B-80 or less.
 CFHN & CFHNL-materials with Rockwell Hardness of B-60 or less.

Dimensions & Specifications

	Thread Size	Part Number		D Max.	Min.	+ .005 - .000	A Max.	B ±.01 in. (.25 mm)	C1 Non-Locking ±.005 in. (.12 mm)	C2 Self Locking ±.01 in. (.25 mm)	Min.
		Non-locking	Self-locking								
INCH	1/4-20	CFH420		.058	.058	.344	.343	.500	.189	.189	.34
		CFHN420	CFHNL420								
METRIC	M6 x 1.0	CFHM6		1.48	1.48	8.75	8.72	12.8	5.0	5.0	10.0
		CFHNM6	CFHNL6								

Installation & Performance Data

		Material	Panel Thickness	Installation Force	Pushout	Torque-out
INCH	1/4-20	Cold-rolled Steel	.060 in.	4800 lbs.	450 lbs.	120 in.-lbs.
		Aluminum	.062 in.	3500 lbs.	370 lbs.	110 in.-lbs.
METRIC	M6	Cold-rolled Steel	2.24 mm	33 kN	2020 N	23.5 N•m
		Aluminum	2.29 mm	22 kN	1760 N	21.5 N•m