



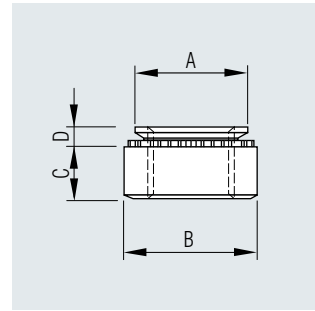
Captive® self-clinching fasteners

Self-clinching nuts for metal

Material

Zinc-plated steel
(C series)
Suitable for
sheet hardness
HRB 80 or less

A2 stainless steel, 300 series,
passivated (CS series)
Suitable for sheet hardness
of HRB 70 or less



Thread size	Bore ϕ	Material thickness	A	B	C	D		Steel	Stainless steel		
								Description	Article No.	Description	Article No.
M 2	4.22	0.8	4.20	6.35	1.5	0.77	4.8	C M 2-0	-	CS M 2-0	-
		1.0	4.20	6.35	1.5	0.97	4.8	C M 2-1	358 003 000	CS M 2-1	-
		1.4	4.20	6.35	1.5	1.38	4.8	C M 2-2	358 004 000	CS M 2-2	358 059 000
		2.29	4.20	6.35	1.5	2.21	4.8	C M 2-3	-	CS M 2-3	-
M 2.5	4.22	0.8	4.20	6.35	1.5	0.77	4.8	C M 2.5-0	358 006 000	CS M 2.5-0	358 050 000
		1.0	4.20	6.35	1.5	0.97	4.8	C M 2.5-1	358 007 000	CS M 2.5-1	358 051 000
		1.4	4.20	6.35	1.5	1.38	4.8	C M 2.5-2	358 008 000	CS M 2.5-2	358 052 000
		2.29	4.20	6.35	1.5	2.21	4.8	C M 2.5-3	-	CS M 2.5-3	-
M 3	4.22	0.8	4.20	6.35	1.5	0.77	4.8	C M 3-0	358 010 000	CS M 3-0	358 060 000
		1.0	4.20	6.35	1.5	0.97	4.8	C M 3-1	358 011 000	CS M 3-1	358 061 000
		1.4	4.20	6.35	1.5	1.38	4.8	C M 3-2	358 012 000	CS M 3-2	358 062 000
		2.29	4.20	6.35	1.5	2.21	4.8	C M 3-3	358 013 000	CS M 3-3	358 063 000
M 4	5.41	0.8	5.38	7.87	2.0	0.77	6.9	C M 4-0	358 020 000	CS M 4-0	358 070 000
		1.0	5.38	7.87	2.0	0.97	6.9	C M 4-1	358 021 000	CS M 4-1	358 071 000
		1.4	5.38	7.87	2.0	1.38	6.9	C M 4-2	358 022 000	CS M 4-2	358 072 000
		2.29	5.38	7.87	2.0	2.21	6.9	C M 4-3	358 023 000	CS M 4-3	358 073 000
M 5	6.35	0.8	6.33	8.64	2.0	0.77	7.1	C M 5-0	358 025 000	CS M 5-0	358 074 000
		1.0	6.33	8.64	2.0	0.97	7.1	C M 5-1	358 026 000	CS M 5-1	358 076 000
		1.4	6.3	8.64	2.0	1.38	7.1	C M 5-2	358 027 000	CS M 5-2	358 077 000
		2.29	6.33	8.64	2.0	2.21	7.1	C M 5-3	358 028 000	CS M 5-3	-
M 6	8.75	1.2	8.73	11.18	4.08	1.15	8.6	C M 6-0	358 029 000	CS M 6-0	358 079 000
		1.4	8.73	11.18	4.08	1.38	8.6	C M 6-1	358 030 000	CS M 6-1	358 080 000
		2.29	8.73	11.18	4.08	2.21	8.6	C M 6-2	358 031 000	CS M 6-2	358 081 000
		3.18	8.73	11.18	4.08	3.05	8.6	C M 6-3	358 032 000	CS M 6-3	358 082 000
M 8	10.5	1.4	10.47	12.7	5.47	1.38	9.7	C M 8-1	358 035 000	CS M 8-1	358 090 000
		2.29	10.47	12.7	5.47	2.21	9.7	C M 8-2	358 036 000	CS M 8-2	358 083 000
		3.2	10.47	12.7	5.47	3.05	9.7	C M 8-3	358 037 000	CS M 8-3	-
M 10	14.0	2.29	13.97	17.35	7.48	2.21	13.5	C M 10-1	358 040 000	CS M 10-1	-
		3.18	13.97	17.35	7.48	3.05	13.5	C M 10-2	358 041 000	CS M 10-2	358 093 000
		6.4	13.97	17.35	7.48	6.00	13.5	C M 10-3	-	CS M 10-3	-
M 12	17.0	3.18	16.95	20.57	8.5	3.05	16.0	C M 12-1	358 038 000	CS M 12-1	-
		6.4	16.95	20.57	8.5	6.00	16.0	C M 12-2	-	CS M 12-2	-



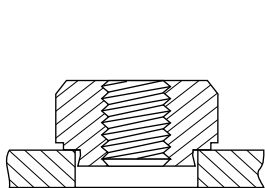
Captive® self-clinching fasteners

Technical specifications

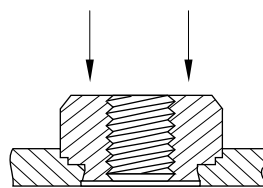
Thread size	Shank code ¹	Sheet material			Aluminium (H34)		
		Steel			Installation force [kN]	Push-out [N]	Torque-out [Nm]
M 2;M 2.5;M 3	0	11.2 - 15.6	470	1.5	6.7 - 8.9	280	0.9
	-1	11.2 - 15.6	550	1.7	6.7 - 8.9	400	1.1
	-2	11.2 - 15.6	1010	2.0	6.7 - 8.9	750	1.4
	-3	11.2 - 15.6	1100	2.0	6.7 - 8.9	850	1.4
M 4	0	18.0 - 27.0	490	2.9	11.2 - 13.4	300	2.3
	-1	18.0 - 27.0	645	4.0	11.2 - 13.4	470	2.6
	-2	18.0 - 27.0	1250	5.1	11.2 - 13.4	970	4.0
	-3	18.0 - 27.0	1300	4.2	11.2 - 13.4	1100	4.0
M 5	0	18.0 - 38.0	530	3.6	11.2 - 15.6	300	3.0
	-1	18.0 - 38.0	800	4.5	11.2 - 15.6	480	3.6
	-2	18.0 - 38.0	1110	6.8	11.2 - 15.6	845	5.7
	-3	18.0 - 38.0	1500	6.0	11.2 - 15.6	1225	5.7
M 6	0	27.0 - 36.0	1380	13.0	18.0 - 32.0	970	7.9
	-1	27.0 - 36.0	1760	17.0	18.0 - 32.0	1580	10.2
	-2	27.0 - 36.0	1760	17.0	18.0 - 32.0	1580	10.2
	-3	27.0 - 36.0	1760	17.0	18.0 - 32.0	1580	10.2
M 8	-1	27.0 - 36.0	1870	18.7	18.0 - 32.0	1570	13.6
	-2	27.0 - 36.0	1870	18.7	18.0 - 32.0	1570	13.6
	-3	27.0 - 36.0	1870	18.7	18.0 - 32.0	1570	13.6
M 10	-1	32.0 - 50.0	2020	36.2	22.0 - 36.0	1760	32.7
	-2	32.0 - 50.0	2020	36.2	22.0 - 36.0	1760	32.7
	-3	32.0 - 50.0	2020	36.2	22.0 - 36.0	1760	32.7
M 12	-1	33.0 - 49.0	3065	73.9	23.0 - 30.0	1390	35.2
	-2	33.0 - 49.0	3065	73.9	23.0 - 30.0	1390	35.2

¹ Denotes the minimum material thickness of the mating material

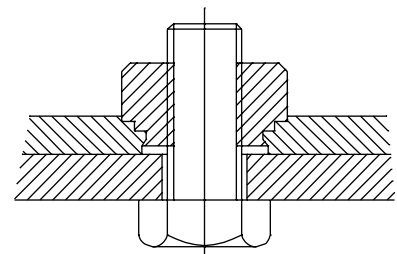
Guidelines only - the exact values will need to be calculated on the original component.



Nut must be square to panel.



The installation force acts on the head of the nut.



The nut is installed from the opposite side of the head.

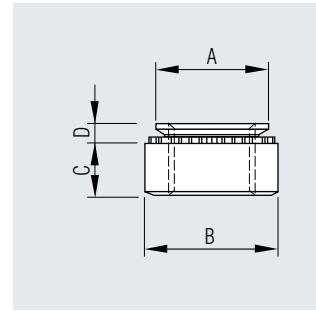



Captive® self-clinching fasteners

Self-clinching nuts for metal

Material

Aluminium (CA series)
Suitable for sheet hardness HRB 50 or less



Thread size	Bore \varnothing +0.08 -0.00 [mm]	Material thickness		A max [mm]	B ± 0.25 [mm]	C ± 0.25 [mm]	D max [mm]	 min [mm]	Aluminium	Article No.
		min [mm]	max [mm]						Description	
M 2	4.22	1.0	4.20	6.35	1.5	0.98	4.8	CA M 2-1	-	
		1.4	4.20	6.35	1.5	1.38	4.8	CA M 2-2	-	
M 3	4.75	1.0	4.73	6.35	2.0	0.98	5.6	CA M 3-1	-	
		1.4	4.73	6.35	2.0	1.38	5.6	CA M 3-2	-	
M 4	5.94	1.0	5.92	7.8	3.0	0.98	7.1	CA M 4-1	358 726 000	
		1.4	5.92	7.8	3.0	1.38	7.1	CA M 4-2	358 727 000	
M 5	7.52	1.0	7.49	9.4	3.8	0.98	7.9	CA M 5-1	358 728 000	
		1.4	7.49	9.4	3.8	1.38	7.9	CA M 5-2	358 729 000	
M 6	8.75	1.4	8.73	11.18	4.08	1.38	8.6	CA M 6-1	358 730 000	
		2.3	8.73	11.18	4.08	2.21	8.6	CA M 6-2	358 731 000	



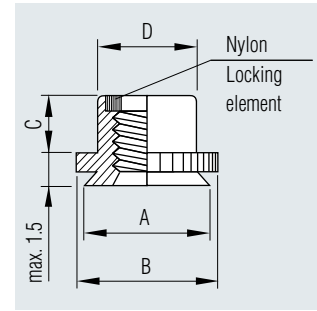
Captive® self-clinching fasteners

Self-clinching nuts for metal, self-locking

Material

Zinc-plated steel
(CPL series)
Suitable for sheet
hardness
HRB 70 or less

A2 stainless steel, 300 series,
passivated (CPLC series)
Suitable for sheet hardness
HRB 70 or less



Thread size	Bore \varnothing +0.08 -0.00 [mm]	Material thickness min [mm]	A max [mm]	B ± 0.25 [mm]	C ± 0.25 [mm]	D max [mm]	min [mm]		Steel		Stainless steel	
									Description	Article No.	Description	Article No.
M 3	6.0	1.0 - 1.78	5.98	7.01	3.56	5.52	4.32		CPL M 3	358 770 000	CPLC M 3	358 773 000
M 4	7.5	1.0 - 1.78	7.48	8.54	4.20	7.01	5.59		CPL M 4	358 771 000	CPLC M 4	-
M 5	8.0	1.0 - 1.78	7.98	9.0	4.45	9.52	6.35		CPL M 5	358 772 000	CPLC M 5	-

Technical specifications

Thread size	Max. screw torque [kN]	Sheet material 1.5 mm steel			1.2 mm steel		
		Installation force [kN]	Push-out [N]	Torque-out [Nm]	Installation force [kN]	Push-out [N]	Torque-out [Nm]
M 3	1.1	13.34	1156	2.2	13.34	1000	2.2
M 4	2.2	13.34	1290	6.7	13.34	1200	6.7
M 5	3.1	13.34	1557	7.9	13.34	1380	7.9

Thread size	Max. screw torque [kN]	Sheet material 1.5 mm (H 34) aluminium			1.0 mm (H 34) aluminium		
		Installation force [kN]	Push-out [N]	Torque-out [Nm]	Installation force [kN]	Push-out [N]	Torque-out [Nm]
M 3	1.1	8.9	1000	2.2	6.67	710	2.2
M 4	2.2	8.9	1290	6.7	6.67	800	3.1
M 5	3.1	8.9	1330	7.9	6.67	800	4.5

Guidelines only - the exact values will need to be calculated on the original component.

Installation tips

Thin sheeting - If the fastener is fitted to sheeting that is thinner than 1 - 1.5 mm, the fastener will only be partially installed on the material. The knurled collar must be pressed into the sheet material by the difference between the sheet material and a minimum material thickness of 1.5 mm to avoid any protrusion

Thick sheeting - If the fastener is fitted to sheeting that is thicker than 1.78 mm, the knurled collar may break off if the maximum permissible torque-out is exceeded



Captive® self-clinching fasteners

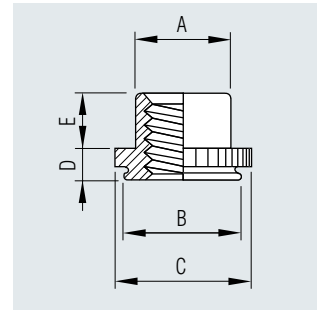
Self-clinching nuts for metal, self-locking


Material

Suitable for sheet hardness HRB 70 or less

A2 stainless steel
300 series,
(CFE, CFEO series)
Self-locking

A2 stainless steel
300 series, passivated
(CFEX, CFEOX series)
Non-locking



Thread size	Bore \varnothing	Material thickness	A	B	C	D	E		Stainless steel Self-locking		Stainless steel Self-locking	
									Description	Article No.	Description	Article No.
M 3	4.39	0.99	3.96	4.37	4.88	1.02	1.90	3.6	CFEO M 3	358 607 000	CFEOX M 3	358 633 000
		1.50	3.96	4.37	4.88	1.53	1.90	3.6	CFE M 3	-	CFEX M 3	-
M 4	7.39	0.99	5.23	7.37	8.17	1.02	2.55	5.2	CFEO M 4	-	CFEOX M 4	-
		1.50	5.23	7.37	8.17	1.53	2.55	5.2	CFE M 4	358 604 000	CFEX M 4	-
M 5	7.39	0.90	6.48	7.37	8.17	1.02	3.05	5.2	CFEO M 5	358 605 000	CFEOX M 5	-
		1.50	6.48	7.37	8.17	1.53	3.05	5.2	CFE M 5	358 606 000	CFEX M 5	358 637 000
M 6	8.74	1.53	7.72	8.72	9.74	1.53	3.30	7.1	CFE M 6	358 608 000	CFEX M 6	358 638 000

Technical specifications

Thread size	Max. screw torque	Sheet material Steel			Aluminium (H 34)			Series
		Installation force	Push-out	Torque-out	Installation force	Push-out	Torque-out	
M 3	1.0	6.7	600	1.3	4.0	380	1.3	CFEO, CFEOX
	1.5	6.7	900	1.3	4.0	590	1.3	CFE, CFEX
M 4	1.0	11.1	1100	5.3	7.0	675	5.3	CFEO, CFEOX
	1.5	11.1	1600	5.3	7.0	1100	5.3	CFE, CFEX
M 5	1.0	12.0	1200	5.3	7.0	675	5.3	CFEO, CFEOX
	1.5	12.0	1600	5.3	7.0	1100	5.3	CFE, CFEX
M 6	1.5	15.6	1800	11.3	9.0	1400	11.3	CFE, CFEX

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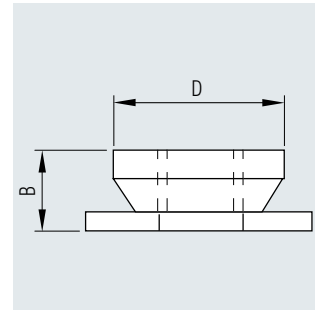
Captive® self-clinching fasteners


Press-in nuts for metals

For flush installation

Material

A2 stainless steel, 300 series, passivated
(CFL series)
Suitable for sheet hardness HRB 70 or less



Thread size	Bore \varnothing +0.08 -0.00 [mm]	Material thickness min [mm]	SW nom [mm]	B max [mm]	D max [mm]	 min [mm]	Stainless steel Description	Article No.
M 2	4.37	1.53	4.8	1.53	4.35	6.0	CFL M 2-1	358 501 000
		2.3	4.8	2.3	4.35	6.0	CFL M 2-2	-
M 2.5	4.37	1.53	4.8	1.53	4.35	6.0	CFL M 2.5-1	358 502 000
		2.3	4.8	2.3	4.35	6.0	CFL M 2.5-2	358 503 000
M 3	4.37	1.53	4.8	1.53	4.35	6.0	CFL M 3-1	358 506 000
		2.3	4.8	2.3	4.35	6.0	CFL M 3-2	358 507 000
M 4	7.37	1.53	7.9	1.53	7.35	7.2	CFL M 4-1	358 511 000
		2.3	7.9	2.3	7.35	7.2	CFL M 4-2	358 512 000
M 5	7.92	1.53	8.7	1.53	7.9	8.0	CFL M 5-1	358 516 000
		2.3	8.7	2.3	7.9	8.0	CFL M 5-2	358 517 000
M 6	8.74	3.18	9.5	3.05	8.72	8.8	CFL M 6-3	358 518 000
		3.96	9.5	3.84	8.72	8.8	CFL M 6-4	358 519 000
		4.75	9.5	4.75	8.72	8.8	CFL M 6-5	-

Technical specifications

Thread size	Shank code	Max. screw torque [kN]	Sheet material		Aluminium (H 34)	
			Steel Installation force [kN]	Push-out [N]	Installation force [kN]	Push-out [N]
M 2	-1	0.16	13.3	0.9	8.9	0.9
	-2	0.16	13.3	0.9	8.9	0.9
M 2.5	-1	0.23	13.3	0.9	8.9	0.9
	-2	0.23	13.3	0.9	8.9	0.9
M 3	-1,2	0.36	13.3	0.9	8.9	0.9
M 4	-1,2	1.0	17.8	1.1	17.8	1.1
M 5	-1,2	1.3	17.8	1.1	17.8	1.1
M 6	-3,4,5	4.5	20.0	3.7	20.0	3.8

Guidelines only - the exact values will need to be calculated on the original component.

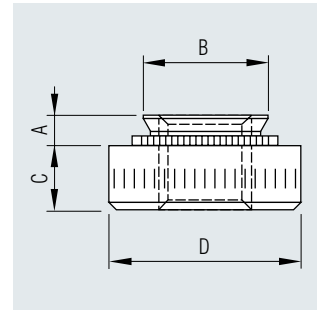


Captive® self-clinching fasteners

Self-clinching nuts for stainless steel

Material

17-4 PH® stainless steel
 hardened and degreased, passivated
 (CFSP series), suitable for sheet hardness
 HRB 88 or less



Thread size	Bore \varnothing +0.08 -0.00 [mm]	Material thickness min [mm]	A		B	C	D	Stainless steel Description	Article No.
			max [mm]	max [mm]	± 0.25 [mm]	± 0.25 [mm]	min [mm]		
M 3	4.22	0.8 -1.0	0.77	4.20	1.5	6.35	4.8	CFSP M 3-0	358 789 000
		1.0	0.97	4.20	1.5	6.35	4.8	CFSP M 3-1	358 790 000
		1.4	1.38	4.20	1.5	6.35	4.8	CFSP M 3-2	358 791 000
M 4	5.41	0.8 - 1.0	0.77	5.38	2.0	7.87	6.9	CFSP M 4-0	358 720 000
		1.0	0.97	5.38	2.0	7.87	6.9	CFSP M 4-1	358 794 000
		1.4	1.38	5.38	2.0	7.87	6.9	CFSP M 4-2	358 795 000
M 5	6.35	0.8 - 1.0	0.77	6.33	2.0	8.75	7.1	CFSP M 5-0	-
		1.0	0.97	6.33	2.0	8.75	7.1	CFSP M 5-1	358 797 000
		1.4	1.38	6.33	2.0	8.75	7.1	CFSP M 5-2	358 796 000
M 6	8.75	1.4	1.38	8.73	4.08	11.1	8.6	CFSP M 6-1	358 799 000
		2.29	2.21	8.73	4.08	11.1	8.6	CFSP M 6-2	358 749 000
M 8	10.5	1.4	1.38	10.47	5.47	12.7	9.7	CFSP M 8-1	358 806 000
		2.29	2.21	10.47	5.47	12.7	9.7	CFSP M 8-2	358 798 000
M10	14.0	2.29	2.21	13.97	7.48	17.35	13.5	CFSP M 10-1	-

Technical specifications

Thread size	Shank code	Installation [kN]	Push-out [N]	Torque-out [Nm]
M 3	0	35.6	575	1.6
	-1	40	725	1.9
	-2	44.5	1290	2.0
M 4	0	40	645	3.4
	-1	44.5	800	4.2
	-2	49	1600	5.0
M 5	0	42.3	800	4.0
	-1	46.7	1025	5.0
	-2	51.2	1775	6.8
M 6	-1	60	2000	17.0
M 8	-1	66	2100	18.0
	-2	72	2400	21.0

Guidelines only - the exact values will need to be calculated on the original component.

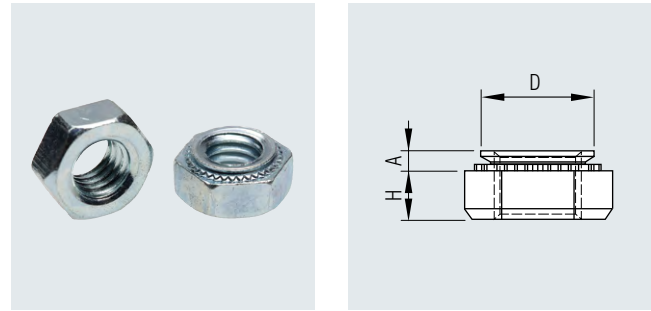



Captive® self-clinching fasteners

KAL self-clinching nuts for metal

Material

Zinc-plated steel (CKN series)
Suitable for sheet hardness HRB 80 or less

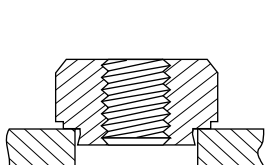


Thread size	Bore \varnothing +0.08 -0.00 [mm]	Material thickness min [mm]	SW -0.2 [mm]	A max [mm]	D max [mm]	H +0.10 [mm]	 min [mm]	Steel Description	Article No.
M 3	4.5	1.0	5.5	1.0	4.45	2.0	4.5	CKN M 3-1	358 760 000
		1.4	5.5	1.4	4.45	2.0	4.5	CKN M 3-2	358 761 000
M 4	5.5	1.0	7.0	1.0	5.45	2.2	5.5	CKN M 4-1	358 762 000
		1.4	7.0	1.4	5.45	2.2	5.5	CKN M 4-2	358 763 000
M 5	6.5	1.0	8.0	1.0	6.45	3.0	6.5	CKN M 5-1	358 764 000
		1.4	8.0	1.4	6.45	3.0	6.5	CKN M 5-2	358 765 000
M 6	8.0	1.0	10.0	1.0	7.95	4.0	8.0	CKN M 6-1	358 766 000
		1.4	10.0	1.4	7.95	4.0	8.0	CKN M 6-2	358 767 000
M 8	10.0	1.4	13.0	1.4	9.95	4.5	10.0	CKN M 8-2	358 768 000
		2.0	13.0	2.0	9.95	4.5	10.0	CKN M 8-3	358 769 000

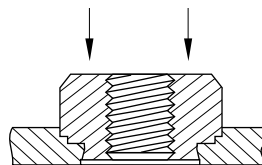
Technical specifications

Thread size	Shank code	Material thickness [mm]	Sheet material					
			Steel			Aluminium (H 34)		
			Installation force [kN]	Push-out [N]	Torque-out [Nm]	Installation force [kN]	Push-out [N]	Torque-out [Nm]
M 3	-1	1.0	11.7	490	1.96	5.8	290	1.17
	-2	1.4	12.7	780	2.45	6.8	580	1.47
M 4	-1	1.0	12.7	580	2.94	7.8	390	1.96
	-2	1.4	13.7	880	3.92	9.8	680	2.94
M 5	-1	1.0	13.7	680	3.92	8.8	440	2.94
	-2	1.4	14.7	980	4.9	10.7	730	3.92
M 6	-1	1.0	16.6	880	7.84	11.7	580	5.88
	-2	1.4	19.6	1270	11.76	13.7	880	7.84
M 8	-2	1.0	24.5	1370	15.69	15.6	1070	9.8
	-3	1.4	29.4	1760	19.61	17.6	1370	11.76

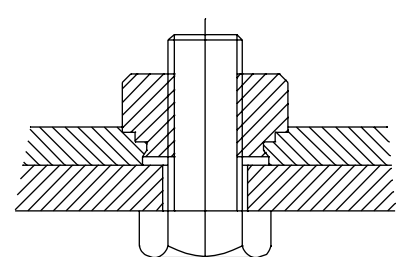
Guidelines only - the exact values will need to be calculated on the original component.



Nut must be square to panel.



The installation force acts on the head of the nut.



The nut is installed from the opposite side of the head.



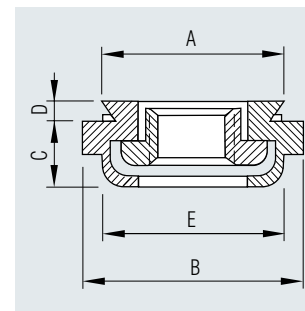
Captive® self-clinching fasteners


Press-in nuts for metals

- Floating nut
- To compensate for mating misalignments of approx. 0.8 mm or less

Material

	Zinc-plated steel (CFAS series) Suitable for sheet hardness HRB 70 or less		A2 stainless steel, 300 series, passivated (CFAC series) Suitable for sheet hardness HRB 70 or less
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Thread size	Bore ϕ +0.08 -0.00 [mm]	Material thickness min [mm]	A max [mm]	B max [mm]	C ± 0.13 [mm]	D max [mm]	E +0.4 -0.0 [mm]	 min [mm]	Steel		Stainless steel	
									Description	Article No.	Description	Article No.
M 3	4.39	0.97	7.35	9.14	3.31	0.97	7.37	7.62	CFAS M 3-1	358 701 000	CFAC M 3-1	358 708 000
		1.38	7.35	9.14	3.31	1.38	7.37	7.62	CFAS M 3-2	358 702 000	CFAC M 3-2	358 709 000
M 4	7.39	0.97	9.33	11.18	3.31	0.97	9.28	8.64	CFAS M 4-1	358 703 000	CFAC M 4-1	-
		1.38	9.33	11.18	3.31	1.38	9.28	8.64	CFAS M 4-2	358 704 000	CFAC M 4-2	-
M 5	7.39	0.97	10.29	11.94	4.32	0.97	10.29	9.14	CFAS M 5-1	358 706 000	CFAC M 5-1	-
		1.38	10.29	11.94	4.32	1.38	10.29	9.14	CFAS M 5-2	-	CFAC M 5-2	-
M 6	8.74	1.38	13.06	15.24	5.34	1.38	12.96	10.67	CFAS M 6-2	358 707 000	CFAC M 6-2	-

Technical specifications

Thread size	Shank code	Sheet material			Aluminium (T 3)			Aluminium (H 34)		
		Steel	Aluminium (T 3)	Aluminium (H 34)	Steel	Aluminium (T 3)	Aluminium (H 34)	Steel	Aluminium (T 3)	Aluminium (H 34)
		Installation force [kN]	Push-out [N]	Torque-out [Nm]	Installation force [kN]	Push-out [N]	Torque-out [Nm]	Installation force [kN]	Push-out [N]	Torque-out [Nm]
M 3	1	13	1330	9	13	970	7	7	950	7
	2	13	1330	17	13	1000	17	9	1000	9
M 4	1	13	1330	17	13	1050	12	9	1100	16
	2	13	1780	22	15	1330	17	9	1178	17
M 5	1	15	1780	17	15	1330	17	9	1330	17
	2	15	2000	22	16	1330	22	9	1550	20
M 6	2	22	2200	36	23	1330	36	14	1780	36

Guidelines only - the exact values will need to be calculated on the original component.



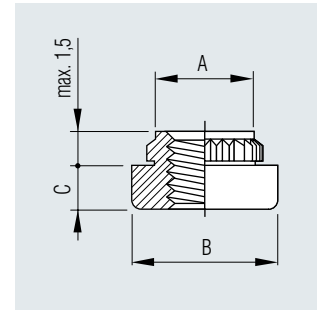
Captive® self-clinching fasteners

Self-clinching nuts for plastics

Printed circuit boards, fibreglass, acrylic

Material

<p>Steel, electroplated with tin (CKF2 series) Suitable for sheet hardness HRB 60 or less</p>	<p>A2 stainless steel, 300 series, passivated (CKFS2 series) Suitable for sheet hardness HRB 60 or less</p>
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Thread size	Bore ϕ +0.08 -0.00 [mm]	Material thickness min [mm]	A +0.08 [mm]	B ± 0.13 [mm]	C ± 0.13 [mm]	min [mm]	Steel		Stainless steel	
							Description	Article No.	Description	Article No.
M 2	3.73	1.53	4.19	5.56	1.5	4.2	CKF2 M2	-	CKFS2 M2	-
M 2.5	4.22	1.53	4.68	5.56	1.5	4.4	CKF2 M 2.5	358 551 000	CKFS2 M 2.5	-
M 3	4.22	1.53	4.68	5.56	1.5	4.4	CKF2 M 3	358 561 000	CKFS2 M 3	358 593 000
M 4	6.4	1.53	6.81	8.74	2.0	6.4	CKF2 M 4	358 571 000	CKFS2 M 4	358 594 000
M 5	6.9	1.53	7.37	9.53	3.0	7.1	CKF2 M 5	358 572 000	CKFS2 M 5	-

Technical specifications

Thread size	Sheet material		
	1.5 mm fibreglass		
	Installation force [kN]	Push-out [N]	Torque-out [Nm]
M 2	2.22	265	0.65
M 2.5	2.22	285	1.35
M 3	2.22	285	1.7
M 4	2.90	415	3.95
M 5	2.90	435	4.52

Guidelines only - the exact values will need to be calculated on the original component.



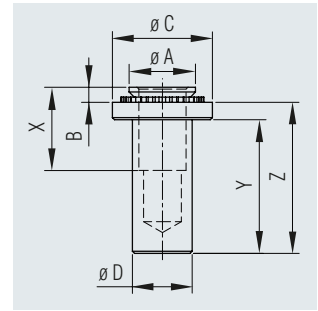
Captive® self-clinching fasteners

Self-clinching nuts for metal, sealed thread

Material

Zinc-plated steel
(CFB series)
Suitable for sheet
hardness HRB 80
or less

A2 stainless steel, 300 series,
passivated (CFBS series)
Suitable for sheet hardness
HRB 70 or less



Thread size	Bore \varnothing +0.08 -0.00 [mm]	Material thickness min [mm]	A max [mm]	B max [mm]	C ± 0.13 [mm]	D max [mm]	Y max [mm]	Z ± 0.25 [mm]	X max [mm]	min [mm]	Steel	Stainless steel		
											Description	Article No.	Description	Article No.
M 3	4.25	1.0	4.20	0.97	6.35	3.84	8.5	9.6	5.3	4.8	CFB M3-1	358 710 000	CFBS M3-1	358 930 000
		1.4	4.20	1.38	6.35	3.84	8.5	9.6	5.3	4.8	CFB M3-2	358 712 000	CFBS M3-2	358 933 000
M 4	5.41	1.0	5.38	0.97	7.95	5.20	9.8	11.2	7.1	6.9	CFB M4-1	358 713 000	CFBS M4-1	358 931 000
		1.4	5.38	1.38	7.95	5.20	9.8	11.2	7.1	6.9	CFB M4-2	358 711 000	CFBS M4-2	358 934 000
M 5	6.35	1.0	6.33	0.97	8.75	6.02	9.8	11.2	7.1	7.1	CFB M5-1	358 718 000	CFBS M5-1	-
		1.4	6.33	1.38	8.75	6.02	9.8	11.2	7.1	7.1	CFB M5-2	-	CFBS M5-2	358 932 000
M 6	8.73	1.4	8.72	1.38	11.10	7.80	12.7	14.3	7.8	8.6	CFB M6-1	358 714 000	CFBS M6-1	358 941 000
		2.3	8.72	2.21	11.10	7.80	12.7	14.3	7.8	8.6	CFB M6-2	358 715 000	CFBS M6-2	-

Technical specifications

Thread size	Shank code	Material thickness	Sheet material					
			Steel	Aluminium (H 34)				
			Installation force	Push-out	Torque-out [Nm]	Installation force	Push-out	Torque-out [Nm]
			[kN]	[N]		[kN]	[N]	
M 3	-1	1.0	11.1	550	1.50	7.1	400	1.15
	-2	1.4	14.0	1010	2.05	9.0	750	1.47
M 4	-1	1.0	15.6	600	3.40	8.9	470	2.60
	-2	1.4	20.0	1250	5.10	12.5	970	4.00
M 5	-1	1.0	17.8	620	4.00	9.3	480	3.60
	-2	1.4	25.0	1112	6.80	14.0	845	5.70
M 6	-1	1.4	25.7	1760	11.90	17.8	1400	10.20
	-2	2.3	25.7	1760	11.90	17.8	1400	10.20

Guidelines only - the exact values will need to be calculated on the original component.