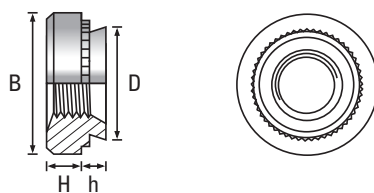
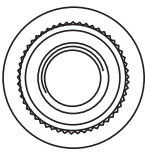
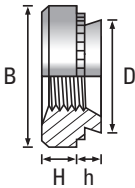


Self-Clinching Fasteners														Fasteners for Sheet Metal Applications													
Nuts														Steel / Zinc Plated (CR3)													
																											
Thread	M2.5			M3			M3 Alt			M3.5			M4			M5			M6			M8		M10		Thread	
	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-1	-2	-1	-2		
h _{max}	0.77	0.97	1.38	0.76	0.97	1.37	0.76	0.97	1.37	0.76	0.97	1.37	0.76	0.97	1.37	0.76	0.97	1.37	0.97	1.37	2.21	1.37	2.21	2.21	3.05	h _{max}	
Min. Rec. sheet thickness	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	1.0	1.4	2.3	1.4	2.3	2.31	3.18	Min. Rec. sheet thickness	
D _{Max}	4.22			4.22			4.73			4.73			5.38			6.38			8.72			10.44		13.97		D _{Max}	
B _{±0.25}	6.30			6.30			7.10			7.10			7.90			8.70			11.05			12.65		17.35		B _{±0.25}	
H _{±0.25}	1.50			1.50			1.50			1.50			2.00			2.00			4.10			5.50		7.48		H _{±0.25}	
Hole Size +0.08 -0.00	4.25			4.25			4.75			4.75			5.40			6.40			8.75			10.50		14.00		Hole Size +0.08 -0.00	
Min. distance to sheet edge	4.80			4.80			5.60			5.60			6.90			7.10			8.60			9.70		13.50		Min. distance to sheet edge	
CODE	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-hcnstzc																									CODE	
-0	●			●									●			●			●							-0	
-1		●			●		●							●			●			●		●		●		-1	
-2			●			●									●			●			●		●		●	-2	
-3																										-3	
-																										-	
● Steel / Zinc Plated (CR3) - preferred and available from stock.																											
PRODUCT CODE EXAMPLE HCN04-1STZC														PRODUCT DESCRIPTION EXAMPLE M4 x -1 Clinch Nut Steel / Zinc Plated (CR3)													

Nuts

A1 / A2 Stainless Steel*



Thread	M2.5			M3			M3 Alt			M3.5			M4			M5			M6			M8		M10		Thread	
	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-0	-1	-2	-1	-2	-1	-2		
h max	0.77	0.97	1.38	0.76	0.97	1.37	0.76	0.97	1.37	0.76	0.97	1.37	0.76	0.97	1.37	0.76	0.97	1.37	0.97	1.37	2.21	1.37	2.21	2.21	3.05	h max	
Min. Rec. sheet thickness	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	1.0	1.4	2.3	1.4	2.3	2.31	3.18	Min. Rec. sheet thickness	
D Max	4.22			4.22			4.73			4.73			5.38			6.38			8.72			10.44		13.97		D Max	
B ±0.25	6.30			6.30			7.10			7.10			7.90			8.70			11.05			12.65		17.35		B ±0.25	
H ±0.25	1.50			1.50			1.50			1.50			2.00			2.00			4.10			5.50		7.48		H ±0.25	
Hole Size +0.08 -0.00	4.25			4.25			4.75			4.75			5.40			6.40			8.75			10.50		14.00		Hole Size +0.08 -0.00	
Min. distance to sheet edge	4.80			4.80			5.60			5.60			6.90			7.10			8.60			9.70		13.50		Min. distance to sheet edge	
CODE	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-for-hcna2																										CODE
-0																										-0	
-1																										-1	
-2																										-2	
-3																										-3	
-																										-	

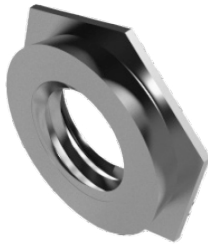
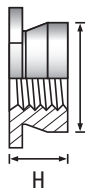
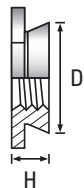


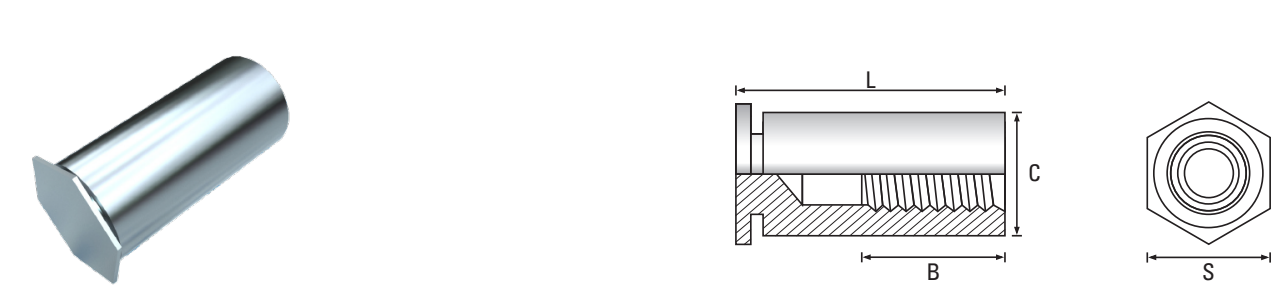
A1 / A2 Stainless Steel - preferred and available from stock.

*Grade depends on the method of manufacturer.

PRODUCT CODE EXAMPLE
HCN06-2SS

PRODUCT DESCRIPTION EXAMPLE
M6 x -2 Clinch Nut A2 Stainless Steel

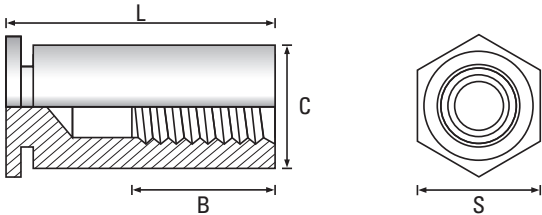
Self-Clinching Fasteners										Fasteners for Sheet Metal Applications									
Flush Nuts										A1 / A2 Stainless Steel*									
										CODE 2 & ABOVE  CODE 1  									
Thread	M2.5		M3		M3 Alt		M3.5		M4		M5		M6		Thread				
	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2	-3	(-4)					
H max	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	1.5	2.3	3.1	3.9	H max				
Min. Rec. sheet thickness	1.5	2.4	1.5	2.4	1.5	2.4	1.5	2.4	1.5	2.4	1.5	2.4	3.2	4.0	Min. Rec. sheet thickness				
D Max	4.35		4.35		5.35		5.35		7.35		7.85		8.70		D Max				
S Width A/F Nom	4.80		4.80		6.40		6.40		7.90		8.70		9.50		S Width A/F Nom				
Hole Size +0.08 -0.00	4.40		4.40		5.40		5.40		7.40		7.90		8.75		Hole Size +0.08 -0.00				
Min. distance to sheet edge	6.00		6.0		6.50		6.50		7.20		8.00		8.80		Min. distance to sheet edge				
CODE	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-for-hcfna2														CODE				
-1	●		●		●				●		●				-1				
-2				●		●				●		●			-2				
-3													●		-3				
(-4)															(-4)				
-															-				
● A1 / A2 Stainless Steel - preferred and available from stock. *Grade depends on the method of manufacturer.																			
PRODUCT CODE EXAMPLE					PRODUCT DESCRIPTION EXAMPLE														
HCFN04-2SS					M4 x -2 Clinch Flush Nut A2 Stainless Steel														

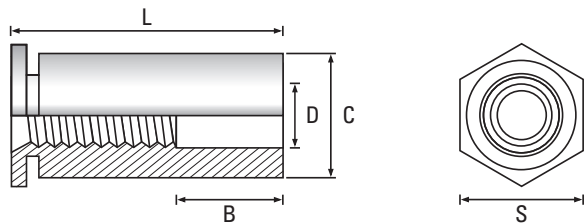


Thread	M3	M3 Alt	M4	M5	Thread
C +0.00 -0.13	4.18	5.39	7.10	7.10	C +0.00 -0.13
S Width A/F Nom	4.8	6.4	7.9	7.9	S Width A/F Nom
Hole Size +0.08 -0.00	4.2	5.4	7.2	7.2	Hole Size +0.08 -0.00
Min. distance to sheet edge	6.0	6.8	8.0	8.0	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.3	1.3	Min. Rec. sheet thickness
B Dimension (nom)	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-hcbsostzc				LENGTH ±0.2
N/A	●	●	●		6
4	●	●	●	●	8
		●	●	●	10
5	●	●	●	●	12
6.5	●	●	●	●	14
	●	●	●	●	16
9.5	●	●	●		18
	●	●	●	●	20
	●	●	●	●	22
	●	●	●	●	25

● Steel / Zinc Plated (CR3) - preferred and available from stock.

PRODUCT CODE EXAMPLE HCBS003016STZC	PRODUCT DESCRIPTION EXAMPLE M3 x 16 Clinch Blind Stand Off Steel / Zinc Plated (CR3)
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Self-Clinching Fasteners					Fasteners for Sheet Metal Applications
Blind Stand Offs					A1 Stainless Steel
 					
Thread	M3	M3 Alt	M4	M5	Thread
C +0.00 -0.13	4.18	5.39	7.10	7.10	C +0.00 -0.13
S Width A/F Nom	4.8	6.4	7.9	7.9	S Width A/F Nom
Hole Size +0.08 -0.00	4.2	5.4	7.2	7.2	Hole Size +0.08 -0.00
Min. distance to sheet edge	6.0	6.8	8.0	8.0	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.3	1.3	Min. Rec. sheet thickness
B Dimension (nom)	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-for-hcbsoa2				LENGTH ±0.2
N/A	●	●	●		6
4		●	●		8
	●	●	●		10
5	●	●	●	●	12
6.5	●		●		14
	●		●		16
9.5		●	●		18
			●		20
	●		●		22
			●		25
● A1 Stainless Steel - preferred and available from stock.					
PRODUCT CODE EXAMPLE		PRODUCT DESCRIPTION EXAMPLE			
HCBS004020A2		M4 x 20 Clinch Blind Stand Off A1 Stainless Steel			



Thread	M2.5	M3	M3 Alt	M4	M5	Thread
C +0.00 -0.13	4.18	4.18	5.39	7.10	7.10	C +0.00 -0.13
D	3.2	3.2	3.2	4.8	5.2	D
S Width A/F Nom	4.8	4.8	6.4	7.9	7.9	S Width A/F Nom
Hole Size +0.08 -0.00	4.2	4.2	5.4	7.2	7.2	Hole Size +0.08 -0.00
Min. distance to sheet edge	6.0	6.0	6.8	8.0	8.0	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.0	1.3	1.3	Min. Rec. sheet thickness
B Dimension (nom)	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-hcsostzc					LENGTH ±0.2
N/A				●		3
		●	●	●		4
		●	●			5
		●	●	●	●	6
		●	●	●	●	8
4		●	●		●	10
		●		●	●	12
		●	●	●	●	14
8			●	●	●	16
					●	18
				●		20
11					●	22
					●	25

● Steel / Zinc Plated (CR3) - preferred and available from stock.

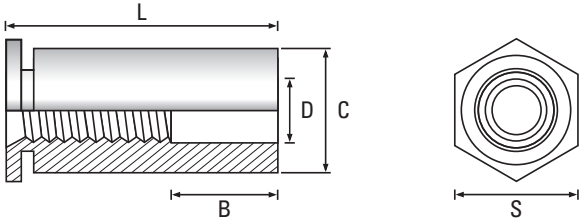
PRODUCT CODE EXAMPLE HCS004006STZC	PRODUCT DESCRIPTION EXAMPLE M4 x 6 Clinch Through Stand Off Steel / Zinc Plated (CR3)
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Self-Clinching Fasteners

Fasteners for Sheet Metal Applications

Through Stand Offs

A1 Stainless Steel

Thread	M2.5	M3	M3 Alt	M4	M5	Thread
C +0.00 -0.13	4.18	4.18	5.39	7.10	7.10	C +0.00 -0.13
D	3.2	3.2	3.2	4.8	5.2	D
S Width A/F Nom	4.8	4.8	6.4	7.9	7.9	S Width A/F Nom
Hole Size +0.08 -0.00	4.2	4.2	5.4	7.2	7.2	Hole Size +0.08 -0.00
Min. distance to sheet edge	6.0	6.0	6.8	8.0	8.0	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.0	1.3	1.3	Min. Rec. sheet thickness

B
Dimension
(nom)



Scan the QR Code to view technical drawings for this product range

<https://www.lancasterfastener.com/drawings-for-hcsoa2>

LENGTH
±0.2

N/A						3
						4
						5
						6
4						8
						10
						12
						14
8						16
						18
						20
11						22
						25

A1 Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

HCSO03012A2

PRODUCT DESCRIPTION EXAMPLE

M3 x 12 Clinch Through Stand Off A1 Stainless Steel

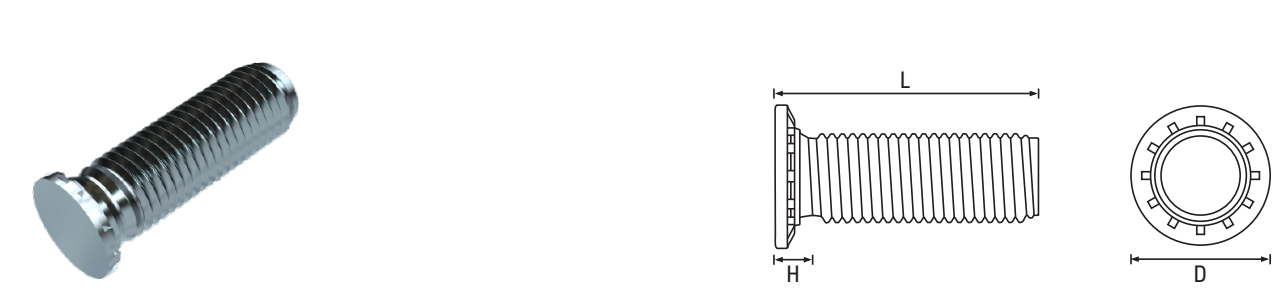
140

E. & O. E.

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Flush Head Studs

Steel / Zinc Plated (CR3)



Thread	M2.5	M3	M4	M5	M6	M8	Thread
D ±0.4	4.10	4.60	5.90	6.50	8.20	9.60	D ±0.4
H Max	1.95	2.10	2.40	2.70	3.00	3.70	H Max
Hole Size +0.08 -0.00	2.5	3.0	4.0	5.0	6.0	8.0	Hole Size +0.08 -0.00
Min. distance to sheet edge	5.4	5.6	7.2	7.2	7.9	9.0	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.0	1.0	1.6	2.4	Min. Rec. sheet thickness
LENGTH ±0.2	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-hcsstzc						LENGTH ±0.2
6	●	●	●				6
8		●	●	●			8
10	●	●	●	●	●		10
12	●	●	●	●	●		12
15	●	●	●	●	●	●	15
16		●	●	●	●	●	16
18	●	●	●	●	●	●	18
20		●	●	●	●	●	20
22		●					22
25		●	●	●	●	●	25
30		●	●	●	●	●	30
35		●	●		●	●	35
38					●		38
40						●	40

● Steel / Zinc Plated (CR3) - preferred and available from stock.

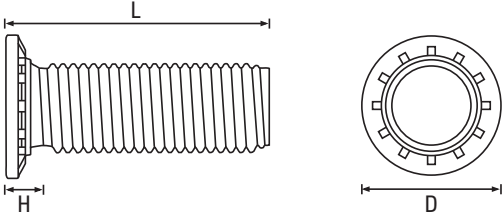
PRODUCT CODE EXAMPLE HCS03010STZC	PRODUCT DESCRIPTION EXAMPLE M3 x 10 Flush Head Clinch Stud Steel / Zinc Plated (CR3)
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Self-Clinching Fasteners

Fasteners for Sheet Metal Applications

Flush Head Studs

A2 Stainless Steel

Thread	M2.5	M3	M4	M5	M6	M8	Thread
D ±0.4	4.10	4.60	5.90	6.50	8.20	9.60	D ±0.4
H Max	1.95	2.10	2.40	2.70	3.00	3.70	H Max
Hole Size +0.08 -0.00	2.5	3.0	4.0	5.0	6.0	8.0	Hole Size +0.08 -0.00
Min. distance to sheet edge	5.4	5.6	7.2	7.2	7.9	9.0	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.0	1.0	1.6	2.4	Min. Rec. sheet thickness

LENGTH
±0.2



Scan the QR Code to view technical drawings for this product range

<https://www.lancasterfastener.com/drawings-for-hcsa2>

LENGTH
±0.2

6							6
8							8
10							10
12							12
15							15
16							16
18							18
20							20
22							22
25							25
30							30
35							35

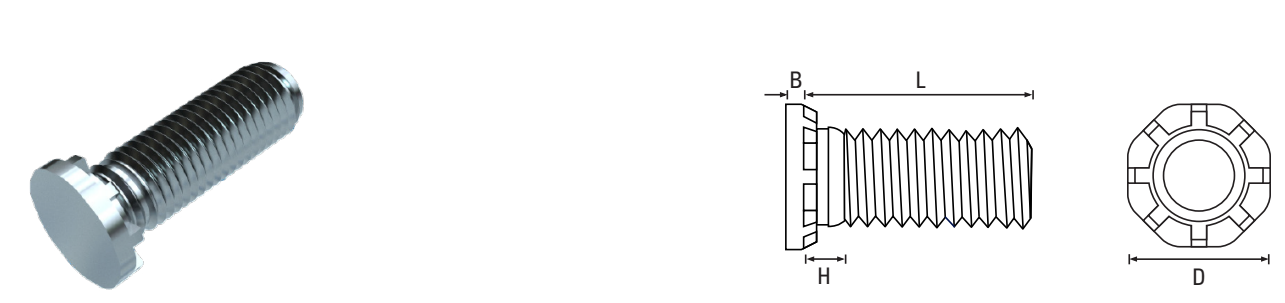

A2 Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

HCS06016A2

PRODUCT DESCRIPTION EXAMPLE

M6 x 16 Flush Head Clinch Stud A2 Stainless Steel



Thread	-	-	-	M8	M10	-	Thread
D ±0.4	-	-	-	12.50	15.70	-	D ±0.4
H Max	-	-	-	3.50	2.10	-	H Max
B Max	-	-	-	1.78	2.30	-	B Max
Hole Size +0.13 -0.00	-	-	-	8.0	10.0	-	Hole Size +0.13 -0.00
Min. distance to sheet edge	-	-	-	12.7	13.7	-	Min. distance to sheet edge
Min. Rec. sheet thickness	-	-	-	2.0	2.4	-	Min. Rec. sheet thickness
LENGTH ±0.2	 Scan the QR Code to view technical drawings for this product range https://www.lancasterfastener.com/drawings-hcsstzc-hs						LENGTH ±0.2
10							10
12							12
15							15
16							16
20				●	●		20
25				●	●		25
30				●	●		30
35				●	●		35
40					●		40
45							45
50							50
-							-

● Steel / Zinc Plated (CR3) - preferred and available from stock.

PRODUCT CODE EXAMPLE HCS99020STZC-HS	PRODUCT DESCRIPTION EXAMPLE M10 x 20 Non Flush Head High Strength Clinch Stud Steel / Zinc Plated (CR3)
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