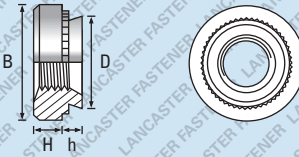


A1 / A2 Stainless Steel\*\*

RoHS 2 Compliant

## Self-Clinching Fasteners



Also available in Steel / Zinc Plated - See page 143

Further technical data is available on page 258

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	6.3			6.3			7.1			7.1			7.9			8.7			11.05			12.65		17.35		B ±0.25
H ±0.25	1.5			1.5			1.5			1.5			2.0			2.0			4.10			5.50		7.48		H ±0.25
Hole Size +0.08-0.00	4.25			4.25			4.75			4.75			5.4			6.4			8.75			10.50		14.0		Hole Size +0.08-0.00
Min. distance to sheet edge	4.8			4.8			5.6			5.6			6.9			7.1			8.6			9.7		13.5		Min. distance to sheet edge

CODE	Bulk Carton Quantity			Small Box Quantity			Weight (KG) per 1,000			CODE
	-0	-1	-2	-0	-1	-2	-0	-1	-2	
-0	40,000   1,000   0.34*			30,000   1,000   0.34*			20,000   1,000   0.65*			-0
-1	40,000   1,000   0.36			30,000   1,000   0.36*			20,000   1,000   0.68			-1
-2	40,000   1,000   0.38			20,000   1,000   0.72			20,000   1,000   0.87			-2
-3	40,000   1,000   0.38			20,000   1,000   0.72			20,000   1,000   0.87			-3

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

PRODUCT CODE EXAMPLE

HCN06-2SS

PRODUCT DESCRIPTION EXAMPLE

M6 x -2 Clinch Nut A2 Stainless Steel

\*Non preferred size and may be subject to minimum manufacturing quantities. \*\*Grade depends on method of manufacture. E. & O. E.

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Note: When ordering M3 Alternative, please ensure your order clearly states "M3 Alt".



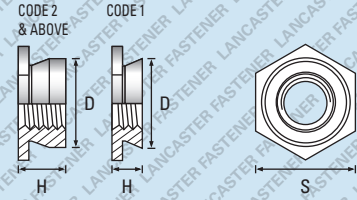
LANCASTER

FLUSH NUTS

A1 / A2 Stainless Steel\*\*

Self-Clinching Fasteners

RoHS 2 Compliant



Further technical data is available on page 259

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	4.8		4.8		6.4		6.4		7.9		8.7		9.5		S Width A/F Nom
Hole Size +0.08 -0.00	4.4		4.4		5.4		5.4		7.4		7.9		8.75		Hole Size +0.08 -0.00
Min. distance to sheet edge	6.0		6.0		6.5		6.5		7.2		8.0		8.8		Min. distance to sheet edge
CODE	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000														CODE
-1	40,000   1,000   0.11*		40,000   1,000   0.09		30,000   1,000   0.10				20,000   1,000   0.37		20,000   1,000   0.35*				-1
-2	40,000   1,000   0.12*		40,000   1,000   0.15		30,000   1,000   0.25				20,000   1,000   0.55		20,000   1,000   0.55				-2
-3													15,000   1,000   0.79*		-3
(-4)													15,000   1,000   0.89*		(-4)

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

PRODUCT CODE EXAMPLE HCFN04-2SS	PRODUCT DESCRIPTION EXAMPLE M4 x -2 Clinch Flush Nut A2 Stainless Steel
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\*Non preferred size and may be subject to minimum manufacturing quantities. \*\*Grade depends on method of manufacture.

E. & O. E.

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Note: When ordering M3 Alternative, please ensure your order clearly states "M3 Alt".

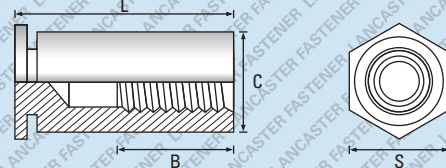
Carbon Steel Product Ranges

Stainless Steel Product Ranges

Brass Product Ranges

Technical Data

# Self-Clinching Fasteners


**A1 Stainless Steel**
**RoHS 2 Compliant**

**Also available in Steel / Zinc Plated - See page 144**

Further technical data is available on page 259

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	6.8	8	8	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.3	1.3	Min. Rec. sheet thickness
B Dimension (nom)	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000			LENGTH ±0.2	
N/A	30,000   1,000   0.42	15,000   1,000   0.83	10,000   1,000   1.42		6
4	30,000   1,000   0.53	15,000   1,000   1.08	8,000   1,000   1.87		8
	20,000   1,000   0.70	10,000   1,000   1.38	8,000   1,000   2.36		10
5	20,000   1,000   0.85	10,000   1,000   1.68	6,000   1,000   2.92		12
6.5	15,000   1,000   0.97	8,000   1,000   1.91	5,000   1,000   3.36		14
	15,000   1,000   1.19		5,000   1,000   3.91		16
9.5		6,000   1,000   2.50	3,000   500   4.34		18
			3,000   500   4.94		20
	10,000   1,000   1.64		3,000   500   5.54		22
			3,000   500   6.53		25

 A1 Stainless Steel - preferred and available from stock.

**PRODUCT CODE EXAMPLE**

HCBS004020A2

**PRODUCT DESCRIPTION EXAMPLE**

M4 x 20 Clinch Blind Stand Off A1 Stainless Steel

 \*Non preferred size and may be subject to minimum manufacturing quantities.  
 E. & O. E.

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Note: When ordering M3 Alternative, please ensure your order clearly states "M3 Alt".



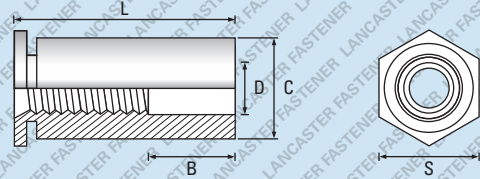
LANCASTER

THROUGH STAND OFFS

A1 Stainless Steel

RoHS 2 Compliant

# Self-Clinching Fasteners



Also available in Steel / Zinc Plated - See page 145

Further technical data is available on page 260

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
D	3.2	3.2	4.8	5.2	D
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	6.8	8	8	Min. distance to sheet edge
Min. Rec. sheet thickness	1.0	1.0	1.3	1.3	Min. Rec. sheet thickness
B Dimension (nom)	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000			LENGTH ±0.2	
N/A	40,000   1,000   0.19	15,000   1,000   0.76			3
	30,000   1,000   0.25				4
	30,000   1,000   0.34	15,000   1,000   0.95			6
	30,000   1,000   0.45	15,000   1,000   1.05	8,000   1,000   1.72		8
4	20,000   1,000   0.50	10,000   1,000   1.21	8,000   1,000   1.97		10
	20,000   1,000   0.60	10,000   1,000   1.45	6,000   1,000   2.43		12
	15,000   1,000   0.70				14
8	15,000   1,000   0.75	8,000   1,000   1.85			16
	12,000   1,000   0.86				18
11			3,000   500   3.80		20
					22
					25

A1 Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE	PRODUCT DESCRIPTION EXAMPLE
HCSO03012SS	M3 x 12 Clinch Through Stand Off A1 Stainless Steel

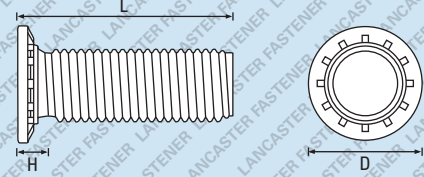
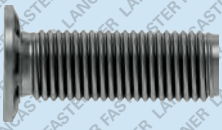
E. & O. E.  
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Note: When ordering M3 Alternative, please ensure your order clearly states "M3 Alt".

A2 Stainless Steel

RoHS 2 Compliant

## Self-Clinching Fasteners



Also available in Steel / Zinc Plated - See page 146

Further technical data is available on page 260

FLUSH HEAD																																													
Thread	M3	M4	M5	M6	M8	Thread																																							
D ±0.4	4.6	5.9	6.5	8.2	9.6	D ±0.4																																							
H Max	2.1	2.4	2.7	3.0	3.7	H Max																																							
Hole Size +0.08-0.00	3.0	4.0	5.0	6.0	8.0	Hole Size +0.08-0.00																																							
Min. distance to sheet edge	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	1.6	2.4	Min. Rec. sheet thickness																																							
LENGTH ±0.2	<table border="1"> <thead> <tr> <th>Bulk Carton Quantity</th> <th>Small Box Quantity</th> <th>Weight (KG) per 1,000</th> </tr> </thead> <tbody> <tr><td>6</td><td>40,000   1,000   0.35</td><td>20,000   1,000   0.53</td></tr> <tr><td>8</td><td>40,000   1,000   0.39</td><td>20,000   1,000   0.71</td></tr> <tr><td>10</td><td>30,000   1,000   0.47</td><td>20,000   1,000   0.82</td></tr> <tr><td>12</td><td>25,000   1,000   0.55</td><td>15,000   1,000   0.95</td></tr> <tr><td>15</td><td>20,000   1,000   0.68</td><td>15,000   1,000   1.21</td></tr> <tr><td>16</td><td>20,000   1,000   0.71</td><td>15,000   1,000   1.28</td></tr> <tr><td>18</td><td>20,000   1,000   0.80</td><td>15,000   1,000   1.41</td></tr> <tr><td>20</td><td>15,000   1,000   0.88</td><td>10,000   1,000   1.58</td></tr> <tr><td>22</td><td>10,000   1,000   1.15</td><td>5,000   1,000   1.90</td></tr> <tr><td>25</td><td>10,000   1,000   1.15</td><td>5,000   1,000   1.90</td></tr> <tr><td>30</td><td>7,000   1,000   1.31</td><td>4,000   1,000   3.25</td></tr> <tr><td>35</td><td></td><td></td></tr> </tbody> </table>					Bulk Carton Quantity	Small Box Quantity	Weight (KG) per 1,000	6	40,000   1,000   0.35	20,000   1,000   0.53	8	40,000   1,000   0.39	20,000   1,000   0.71	10	30,000   1,000   0.47	20,000   1,000   0.82	12	25,000   1,000   0.55	15,000   1,000   0.95	15	20,000   1,000   0.68	15,000   1,000   1.21	16	20,000   1,000   0.71	15,000   1,000   1.28	18	20,000   1,000   0.80	15,000   1,000   1.41	20	15,000   1,000   0.88	10,000   1,000   1.58	22	10,000   1,000   1.15	5,000   1,000   1.90	25	10,000   1,000   1.15	5,000   1,000   1.90	30	7,000   1,000   1.31	4,000   1,000   3.25	35			LENGTH ±0.2
Bulk Carton Quantity	Small Box Quantity	Weight (KG) per 1,000																																											
6	40,000   1,000   0.35	20,000   1,000   0.53																																											
8	40,000   1,000   0.39	20,000   1,000   0.71																																											
10	30,000   1,000   0.47	20,000   1,000   0.82																																											
12	25,000   1,000   0.55	15,000   1,000   0.95																																											
15	20,000   1,000   0.68	15,000   1,000   1.21																																											
16	20,000   1,000   0.71	15,000   1,000   1.28																																											
18	20,000   1,000   0.80	15,000   1,000   1.41																																											
20	15,000   1,000   0.88	10,000   1,000   1.58																																											
22	10,000   1,000   1.15	5,000   1,000   1.90																																											
25	10,000   1,000   1.15	5,000   1,000   1.90																																											
30	7,000   1,000   1.31	4,000   1,000   3.25																																											
35																																													
6	40,000   1,000   0.35	20,000   1,000   0.53				6																																							
8	40,000   1,000   0.39	20,000   1,000   0.71				8																																							
10	30,000   1,000   0.47	20,000   1,000   0.82	12,000   1,000   1.30	10,000   1,000   1.96		10																																							
12	25,000   1,000   0.55	15,000   1,000   0.95	10,000   1,000   1.51	8,000   1,000   2.34		12																																							
15	20,000   1,000   0.68	15,000   1,000   1.21	10,000   1,000   1.88	6,000   1,000   2.74		15																																							
16	20,000   1,000   0.71	15,000   1,000   1.28	8,000   1,000   1.98	6,000   1,000   2.94	3,000   500   5.20	16																																							
18	20,000   1,000   0.80	15,000   1,000   1.41	8,000   1,000   2.22	5,000   500   3.24	3,000   500   5.76	18																																							
20	15,000   1,000   0.88	10,000   1,000   1.58	6,000   1,000   2.43	5,000   500   3.60	2,000   500   6.40	20																																							
22	10,000   1,000   1.15	5,000   1,000   1.90				22																																							
25	10,000   1,000   1.15	5,000   1,000   1.90	5,000   1,000   3.11	4,000   500   4.42	2,000   250   8.80	25																																							
30	7,000   1,000   1.31		4,000   1,000   3.25	3,000   500   5.33	2,000   250   9.48	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