

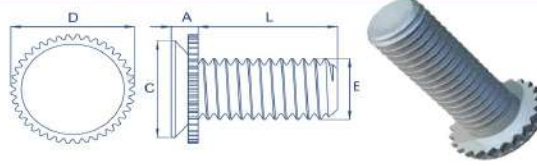


Part Code:
MV-CHC / MV-CFHC / MV-CHA / MV-CFHA



Concealed Head Studs

Stainless Steel: MV-CHC / MV-CFHC | Aluminium: MV-CHA / MV-CFHA



Metric Dimensions

Thread	M3	M4	M5
D ±0.4	5.21	8.33	8.89
C max	4.35	7.35	7.9
Blind mounting hole +/- 0.08	4.37	7.37	7.93
Min distance to edge of sheet	4	5.6	6.4
Hole +0.08 -0.0	3.6	4.6	5.6
Hole depth	MV-CHC / MV-CHA	1.10	
	MV-CFHC / MV-CFHA	1.91	
A max	MV-CHC / MV-CHA	1.04	
	MV-CFHC / MV-CFHA	1.83	
Min rec sheet thickness mm	MV-CHC / MV-CHA	1.6	
	MV-CFHC / MV-CFHA	2.4	

Preferred Range

Thread size*Pitch	M3*0.5	M4*0.7	M5*0.8
Length ±0.4	6	•	
	8	•	
	10	•	
	12	•	•
	16	•	•
	20	•	•
25	•		

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MV DESIGNS & FASTENERS



Part Code:
MV-CHC / MV-CFHC / MV-CHA / MV-CFHA

Concealed Head Studs

Metric Performance Data

Thread*Pitch		M3*0.5	M4*0.7	M5*0.8
Installation cold rolled steel (kN)	Stainless steel: MV-CHC	8	17.8	22.2
	Stainless steel: MV-CFHC	8.9	14.7	17.8
Installation aluminium sheet (kN)	Aluminium: MV-CHA	6.2	12.5	17.8
	Aluminium: MV-CFHA	6.7	13.3	15.6
Pushout (N)	Stainless steel: MV-CHC	1065	1200	1290
	Stainless steel: MV-CFHC	1065	1955	3020
	Aluminium: MV-CHA	555	645	755
	Aluminium: MV-CFHA	845	1065	1330
Max tightening torque	Stainless steel: MV-CHC	0.5	2	3.6
	Stainless steel: MV-CFHC	0.5	2	3.6
	Aluminium: MV-CHA	0.3	1.2	2.16
	Aluminium: MV-CFHA	0.3	1.2	2.16

Please note:

MV-CHC & MV-CHA: To suit 1.6mm sheet
MV-CFHC & MV-CFHA: To suit 2.4mm sheet

These tests have been conducted in laboratory conditions, these figures should therefore be used for guidance only.

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