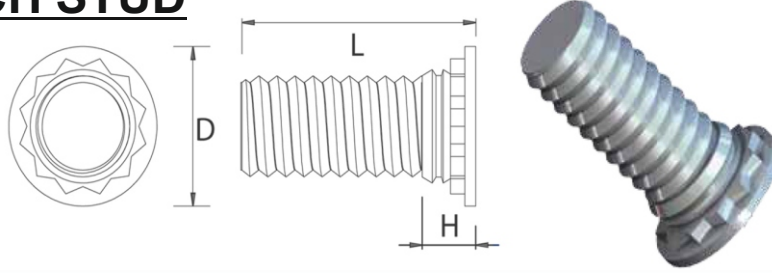


SELF CLINCH STUD



Metric Performance Data: MV-FH4

Thread	M2.5	M3	M4	M5	M6	M8
Test sheet data (mm)	1.4 ST/ST	1.5 ST/ST	1.5 ST/ST	1.5 ST/ST	1.5 ST/ST	2.5 ST/ST
Installation (kN)	40	41	51	54	71	73.5
Pushout (N)	2000	2230	3300	3600	4210	5500
Torque-out (Nm)	1-4	1.8	6.6	10.8	15.9	30
Pull through (N)	-	3300	8010	10020	14950	-

Metric Dimensions

Thread	M2	M2.5	M3	M3.5	M4	M5	M6	M8
D ±0.4	3.5	4.1	4.6	5.3	5.9	6.5	8.2	9.6
H max	1.95	1.95	2.1	2.2	2.4	2.7	3.0	3.7
Min sheet thickness	1	1	1	1	1	1	1.6	2.4
Recommended hole size +0.08 -0.0	2	2.5	3.0	3.5	4.0	5.0	6.0	8.0
Min distance to edge of sheet	5.2	5.4	5.6	6.4	7.2	7.2	7.9	9.6

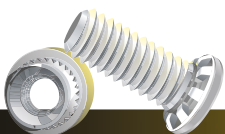
Preferred Range

Thread size*Pitch	M2*0.4	M2.5*0.45	M3*0.5	M3.5*0.6	M4*0.7	M5*0.8	M6*1.0	M8*1.25
Length ±0.4	5		•		•			
	6	•	•		•	•		
	8	•	•	•	•	•	•	•
	10	•	•	•	•	•	•	•
	12	•	•	•	•	•	•	•
	15	•	•	•	•	•	•	•
	16	•	•	•	•	•	•	•
	18	•	•	•	•	•	•	•
	20	•	•	•	•	•	•	•
	22			•		•	•	•
	25			•	•	•	•	•
	28			•		•	•	•
	30			•		•	•	•
	35			•		•	•	•
	38					•	•	•
	40					•	•	•
	45					•	•	•
50					•	•	•	

SPECIFICATIONS & DETAILS

MVD PART CODE	MVFH4MXXX	MVD DESCRIPTION	SELF CLINCH STUD FH4-MXX
DRAWN BY	ABHISHEK	APPROVED BY	MAGESH
DRAWING REV. NO	00	MATERIAL	STAINLESS STEEL 400
DATE		FINISH	SELF

ALL DIMENSIONS ARE IN MM, UNLESS SPECIFIED



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