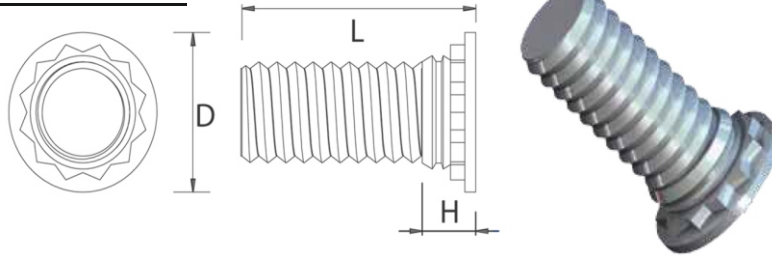


SELF CLINCH STUD



Metric Performance Data: MV-FH

Thread	M2	M2.5	M3	M3.5	M4	M5	M6	M8
Sheet thickness (mm)	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5
Installation (kN)	9.0	11	14.7	22.3	28	33.5	45	45
Torsional resistance (Nm)	0.45	1	1.7	2.8	4.3	6.8	12	19.5
Pushout (N)	700	740	820	1335	1800	2100	2600	2900
Pull through (N)	1700	2800	3900	3780	5700	6300	11400	15500

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
5			•		•			
6	•	•	•		•	•		
8	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•
15	•	•	•	•	•	•	•	•
16	•	•	•	•	•	•	•	•
18	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•
22			•		•	•	•	•
25			•	•	•	•	•	•
28					•	•	•	•
30			•		•	•	•	•
35			•		•	•	•	•
38					•	•	•	•
40					•	•	•	•
45					•	•	•	•
50					•	•	•	•

SPECIFICATIONS & DETAILS

MVD PART CODE	MV FHMXXX	MVD DESCRIPTION	SELF CLINCH STUD FH-MXX
DRAWN BY	ABHISHEK	APPROVED BY	MAGESH
DRAWING REV. NO	00	MATERIAL	CARBON STEEL
DATE		FINISH	ZINC PLATED

ALL DIMENSIONS ARE IN MM, UNLESS SPECIFIED

