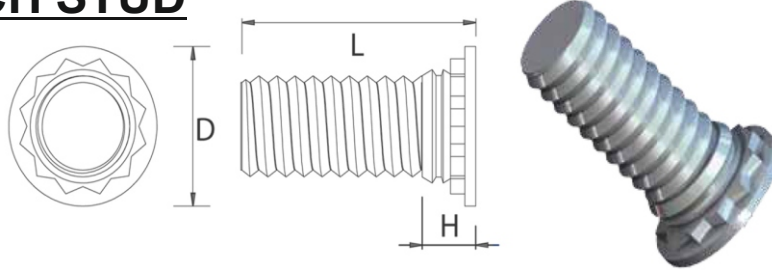


SELF CLINCH STUD



Metric Performance Data: MV-FHS

Thread	M2	M2.5	M3	M4	M5	M6	M8
Sheet thickness (mm)	1.5	1.5	1.5	1.5	1.5	2.5	2.5
Installation (kN)	13.5	13.5	14.7	26	32	44	49.9
Torsional resistance (Nm)	0.45	0.8	1.4	2.9	6.4	10	17
Pushout (N)	740	740	820	1790	2000	2500	2800
Pull through (N)	-	1800	2450	4800	6000	10600	13600

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	MVFSMXXX	MVD DESCRIPTION	SELF CLINCH STUD FHS-MXX
DRAWN BY	ABHISHEK	APPROVED BY	MAGESH
DRAWING REV. NO	00	MATERIAL	STAINLESS STEEL 304
DATE		FINISH	SELF

ALL DIMENSIONS ARE IN MM, UNLESS SPECIFIED

