



Data sheet for Metric Self-Clinching Flush Head Studs

Thread Pitch	Min Sheet Thickness	T Max	ØD +/- 0.4	Hole Size +0.08 -0.00	Min hole dist Ctr to sheet edge
M2.5 x 0.4*	1.00	1.95	4.10	2.50	5.40
M3 x 0.5	1.00	2.10	4.60	3.00	5.60
M3.5 x 0.6*	1.00	2.20	5.30	3.50	6.40
M4 x 0.7	1.00	2.40	5.90	4.00	7.20
M5 x 0.8	1.00	2.70	6.50	5.00	7.20
M6 x 1.0	1.60	3.00	8.20	6.00	7.90
M8 x 1.25	2.40	3.70	9.60	8.00	9.60

Stud Lengths	Thread size	Length (L) + / - 0.4												
	M2.5 x 0.4 *	6	8	10	12	15	-	-	-	-	-	-	-	-
M3 x 0.5	6	8	10	12	15	18	20	-	-	-	-	-	-	
M3.5 x 0.6*	6	8	10	12	15	18	20	22	-	-	-	-	-	
M4 x 0.7	6	8	10	12	15	18	20	22	25	-	-	-	-	
M5 x 0.8	-	8	10	12	15	18	20	22	25	28	-	-	-	
M6 x 1.0	-	-	10	12	15	18	20	22	25	28	30	35	-	
M8 x 1.25	-	-	10	12	15	18	20	22	25	28	30	35	38	

* Made to order

Finishes

Bright Zinc / Clear Passivate, Zinc / Yellow Chromate Passivation to order

Material

Carbon Steel, 300 series Stainless Steel (A2), 400 series Stainless Steel (to order)

Aluminium (to order)

Material hardness limitations for Self-Clinching Flush Head Studs

Steel Clinch Studs : 80HRB, 300 Series Stainless Steel Clinch Studs: 70HRB,

400 Series Stainless Steel Clinch Studs : 92 HRB (special anvil recommended) Aluminium Clinch Studs : 50HRB

Stainless Steel parts will not normally install successfully into Stainless Steel sheet.

