



Data sheet for Metric Self-Clinching Reduced 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 0.45	1.00	2.10	3.15	2.50	2.80
M3 x 0.5	1.00	2.10	3.65	3.00	3.30
M3.5 x 0.6*	1.00	2.30	4.15	3.50	3.80
M4 x 0.7	1.00	2.40	4.65	4.00	4.30
M5 x 0.8	1.00	2.70	5.90	5.00	5.60

Stud Lengths	Thread size	Length (L) + / - 0.4												
		M2.5 x 0.45	6	8	10	12	15	18	-	-	-	-	-	-
M3 x 0.5	6	8	10	12	15	18	20	25	-	-	-	-	-	
M3.5 x 0.6	6	8	10	12	15	18	20	25	30	-	-	-	-	
M4 x 0.7	6	8	10	12	15	18	20	25	30	35	-	-	-	
M5 x 0.8	-	8	10	12	15	18	20	25	30	35	-	-	-	

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 Reduced Flush Head Studs

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

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

Clinch Studs : 50HRB

