



Data sheet for Metric Self-Clinching Nuts

Thread Pitch	Material Code	Min Sheet Thickness	T Max	Ød Max	ØD +/- 0.2	K +/- 0.1	Hole Size +0.08 -0.00	Min Dist to edge of sheet
M2.5 x 0.45	0	0.8	0.76	4.22	6.30	1.50	4.25	4.80
	1	1.0	0.97					
	2	1.4	1.37					
Alternative M3 x 0.5	0	0.8	0.76	4.22	6.30	1.50	4.25	4.80
	1	1.0	0.97					
	2	1.4	1.37					
M3 x 0.5	0	0.8	0.76	4.73	7.10	1.50	4.75	5.60
	1	1.0	0.97					
	2	1.4	1.37					
M3.5 x 0.6	0	0.8	0.76	4.73	7.10	1.50	4.75	5.60
	1	1.0	0.97					
	2	1.4	1.37					
M4 x 0.7	0	0.8	0.76	5.38	7.90	2.00	5.40	6.90
	1	1.0	0.97					
	2	1.4	1.37					
M5 x 0.8	0	0.8	0.76	6.38	8.70	2.00	6.40	7.10
	1	1.0	0.97					
	2	1.4	1.34					
M6 x 1.0	1	1.4	1.37	8.72	11.05	4.10	8.75	8.60
	2	2.3	2.21					
M8 x 1.25	1	1.4	1.37	10.44	12.65	5.50	10.50	9.70
	2	2.3	2.21					
M10 x 1.5	1	2.3	2.21	13.97	17.35	7.50	14.00	13.50
	2	3.2	3.05					
Alternative M10 x 1.5	1	1.48	1.48	12.67	16.50	7.90	12.70	12.00

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 nuts

Steel Clinch nuts : 80HRB Max, 300 series Stainless Steel Clinch nuts : 70 HRB Max
 400 series Stainless Steel Clinch nuts : 90 HRB Max, Aluminium Clinch nuts : 50 HRB Max
 Stainless Steel parts will not normally install successfully into Stainless Steel sheet.

