

PremFast Ltd

Steel clinch Studs Type C -FH Steel Zinc Plated

Thread Size	Hole Diameter	Min sheet Thickness	Min distance Centre to edge	Length Range Available
M2	2.0	1.0	5.0	6 / 16
M2.5	2.5	1.0	5.4	6 / 18
M3	3.0	1.0	5.6	6 / 35
M3.5	3.5	1.0	6.4	8 / 18
M4	4.0	1.0	7.2	6 / 50
M5	5.0	1.0	7.2	8 / 50
M6	6.0	1.6	7.9	8 / 50
M8	8.0	2.4	9.6	12 / 60

Clinch studs provide a strong thread in sheet metal materials and are available in large range of sizes. They are flush on the reverse side when installed using a press with a squeezing action.

TYPES: C-FH = Hardened Steel Zinc Plated,
C-FHS = Stainless Steel (Standard Type)



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Stainless Steel clinch Studs Type C -FHS

Thread Size	Hole Diameter	Max sheet Thickness	Min distance Centre to edge	Length Range Available
M2.5	2.5	1.0	5.4	6 / 18
M3	3.0	1.0	5.6	6 / 35
M3.5	3.5	1.0	6.4	8 / 18
M4	4.0	1.0	7.2	6 / 50
M5	5.0	1.0	7.2	8 / 38
M6	6.0	1.6	7.9	10 / 50
M8	8.0	2.4	9.6	12 / 50

Stainless steel clinch studs are available in two grades, C-FHS type which is the standard type available at lower cost and suitable for use in material up to HRB 70 hardness.

C-FH 4 = Extra Hard Stainless Steel

The C-FH4 type is made from a harder 400 series stainless material and is recommended for installation into stainless materials of up to HRB 90 hardness. These are available in a limited size range, M3,4,5 & M6 lengths from 6/30mm



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Clinch Nuts

Thread Size Shank Code	Suitable Sheet Thickness	Hole Diameter	Nut Body Diameter	Nut Body Thickness	Min distance Centre to edge	Steel C-S	Stainless C-CLS	Extra Hard Stainless C-SP4
M2-0	0.8/1.0					✓		
M2-1	1.0/1.4	4.25	6.30	1.5	4.8	✓	✓	✓
M2-2	1.4+					✓	✓	
M2.5-0	0.8/1.0					✓	✓	✓
M2.5-1	1.0/1.4	4.25	6.30	1.5	4.8	✓	✓	✓
M2.5-2	1.4+					✓	✓	✓
M3-0	0.8/1.0					✓	✓	✓
M3-1	1.0/1.4	4.25	6.30	1.5	4.8	✓	✓	✓
M3-2	1.4+					✓	✓	✓
M3.5-0	0.8/1.0					✓		
M3.5-1	1.0/1.4	4.75	7.10	1.5	5.6	✓	✓	
M3.5-2	1.4+					✓	✓	
M4-0	0.8/1.0					✓	✓	✓
M4-1	1.0/1.4	5.40	7.90	2.0	6.9	✓	✓	✓
M4-2	1.4+					✓	✓	✓



Steel Zinc Plated Type C-S: Hardened steel nuts which are suitable for use in material of up to 80HRB hardness.

Stainless Steel Type C-CLS: Made of 303 grade stainless and suitable for use in material of up to 70HRB hardness.

Extra Hard Stainless Steel Type C –SP4: Made of extra hard stainless material and suitable for use in material of up to 90HRB hardness. They do have some magnetic properties.

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Clinch Nuts

Thread Size	Suitable Sheet	Hole	Nut Body	Nut Body	Min Distance	Steel	Stainless	Extra Hard
Shank Code	Thickness	Diameter	Diameter	Thickness	Centre to edge	C-S	C-CLS	Stainless C-SP4
M5-0	0.8/1.0					✓	✓	✓
M5-1	1.0/1.4	6.40	8.70	2.0	7.1	✓	✓	✓
M5-2	1.4+					✓	✓	✓
M6-0	1.2/1.4					✓	✓	
M6-1	1.4/2.3	8.75	11.05	4.1	8.6	✓	✓	✓
M6-2	2.3+					✓	✓	✓
M8-1	1.4/2.3					✓	✓	
M8-2	2.3+	10.50	12.65	5.5	9.7	✓	✓	
M10-1	2.3/3.2					✓	✓	
M10-2	3.2+	14.00	17.35	7.5	13.5	✓	✓	

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