



Product Code:

TS41S-3

Issue Date:

29/11/21

Issue by:

R.M.

Description:

41mm x 41mm Slotted Channel (3m Length)

Features:

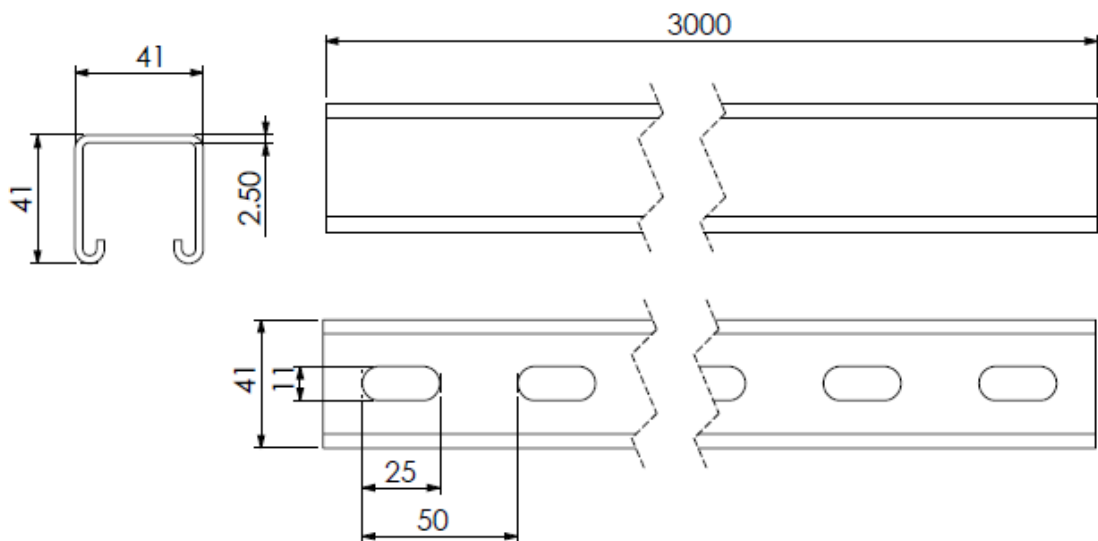
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied in 3 metre lengths.
- Wide range of external brackets available for use with strut frame work.
- Tamlex strut framework can be ordered pre-cut to any length to suit customer requirements.
- Can be powder coated to customer specific RAL colour.



Technical:

Width	41 mm
Height	41 mm
Length	3 m
Gauge	2.5 mm
Material	Hot Dipped Zinc Coated Low carbon steel strip
Colour/Finish	Pre Galvanised Steel (Zinc Coated)
Standards	BS EN 10346; BS6946

Dimensions:





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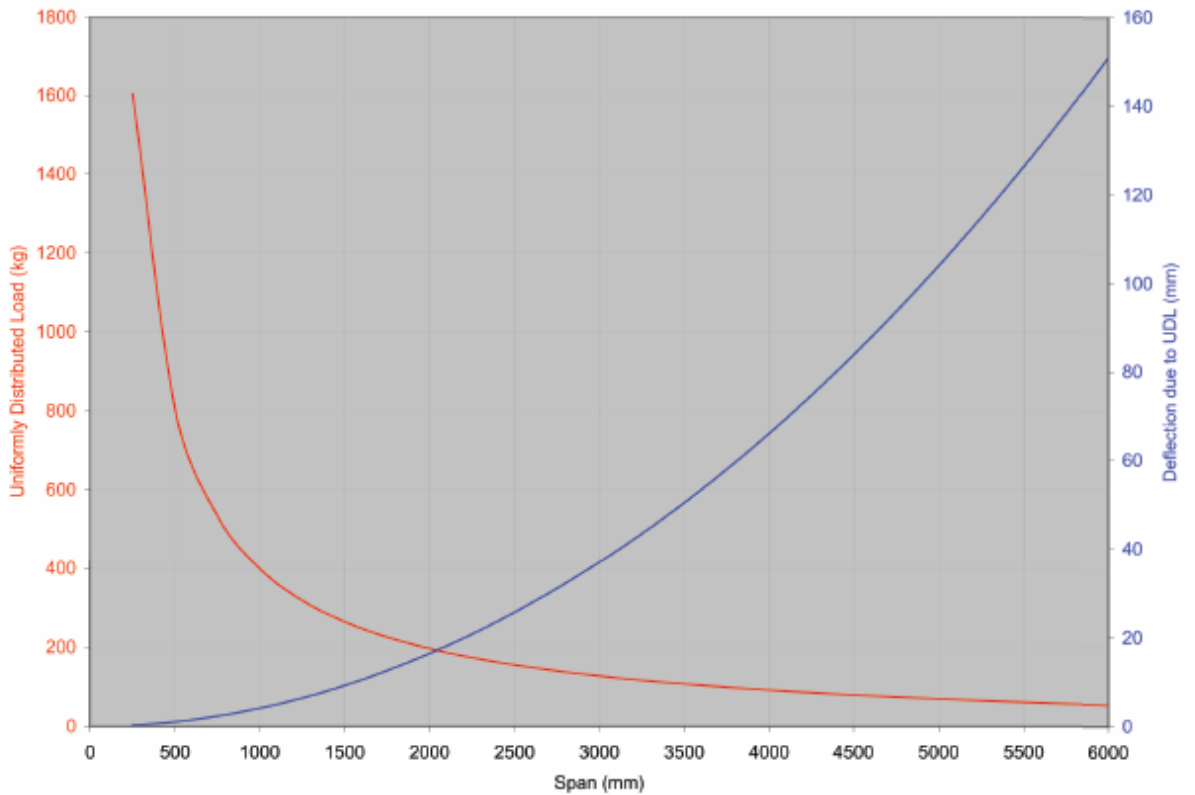
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Slotted 41x41x2.5 thk. (Mass 2.47kg/m)

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Total Applied Load (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)
250	1604.1	0.3				
500	801.2	1.0				
750	533.2	2.3			483.6	2.1
1000	399.0	4.1			270.6	2.8
1250	318.2	6.4	311.5	6.3	171.7	3.5
1500	264.2	9.2	214.8	7.5	117.7	4.2
1750	225.5	12.5	156.2	8.8	84.9	4.9
2000	196.3	16.4	118.0	10.0	63.3	5.6
2250	173.4	20.7	91.5	11.3	48.4	6.3
2500	155.1	25.6	72.5	12.5	37.5	6.9
2750	139.9	31.0	58.2	13.8	29.3	7.6
3000	127.2	37.0	47.2	15.0	22.9	8.3
3250	116.4	43.4	38.5	16.3	17.8	9.0
3500	107.1	50.5	31.5	17.5	13.7	9.7
3750	98.9	58.0	25.7	18.8	10.2	10.4
4000	91.7	66.1	20.9	20.0	7.2	11.1
4250	85.2	74.7	16.7	21.3	4.6	11.8
4500	79.4	83.9	13.2	22.5	2.4	12.5
4750	74.2	93.7	10.1	23.8	0.4	13.2
5000	69.4	104.0	7.3	25.0		
5250	65.1	114.8	4.9	26.3		
5500	61.1	126.3	2.7	27.5		
5750	57.4	138.3	0.7	28.8		
6000	53.9	151.0				



Load, Span & Deflection Graph