



Product Code:

TS21S-3LG

Issue Date:

29/11/21

Issue by:

R.M.

Description:

41mm x 21mm Slotted Channel (3m Length)

Features:

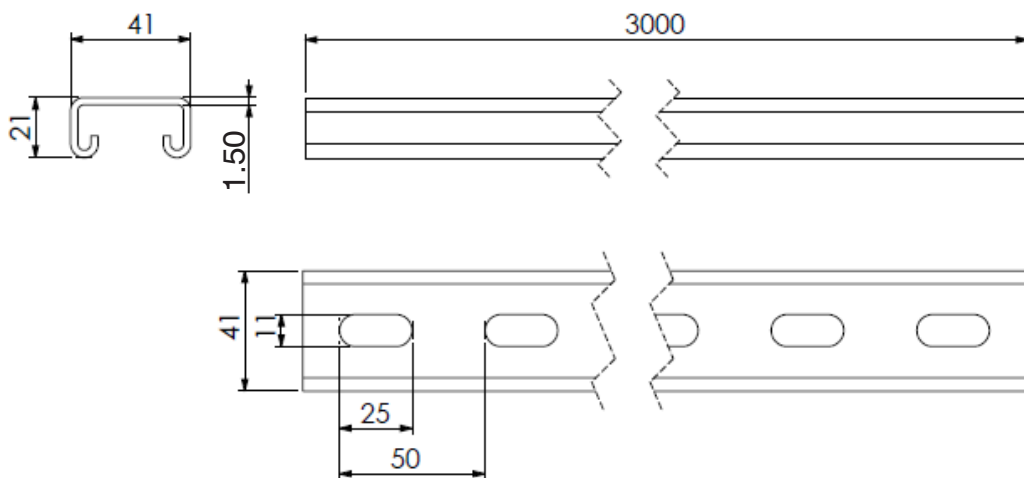
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied 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	21 mm
Length	3 m
Gauge	1.5 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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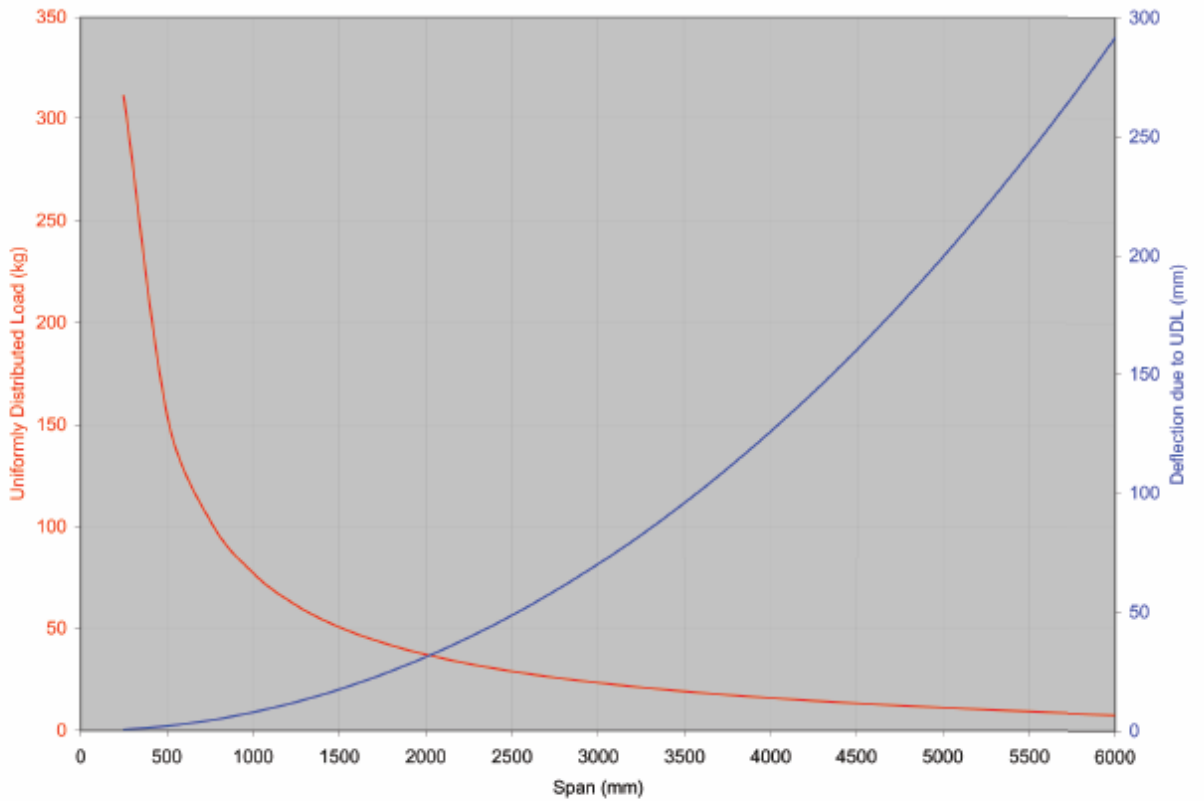
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Slotted 41x21x1.5 thk. (Mass 1.01kg/m)

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	311.2	0.5				
500	155.3	1.9			112.5	1.4
750	103.1	4.3	89.6	3.8	49.5	2.1
1000	77.0	7.7	49.8	5.0	27.2	2.8
1250	61.2	12.0	31.3	6.3	16.8	3.5
1500	50.6	17.3	21.1	7.5	11.0	4.2
1750	42.9	23.6	14.8	8.8	7.5	4.9
2000	37.2	30.8	10.7	10.0	5.1	5.6
2250	32.6	39.1	7.8	11.3	3.3	6.3
2500	28.9	48.3	5.6	12.5	2.0	6.9
2750	25.9	58.6	4.0	13.8	1.0	7.6
3000	23.3	69.9	2.6	15.0	0.1	8.3
3250	21.1	82.2	1.5	16.3		
3500	19.2	95.6	0.8	17.5		
3750	17.5	110.1				
4000	15.9	125.6				
4250	14.6	142.3				
4500	13.3	160.1				
4750	12.2	179.0				
5000	11.2	199.1				
5250	10.2	220.4				
5500	9.3	242.9				
5750	8.5	266.6				
6000	7.7	291.6				



Load, Span & Deflection Graph