



Product Code:

TS41S-3LG

Issue Date:

29/11/21

Issue by:

R.M.

Description:

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

Features:

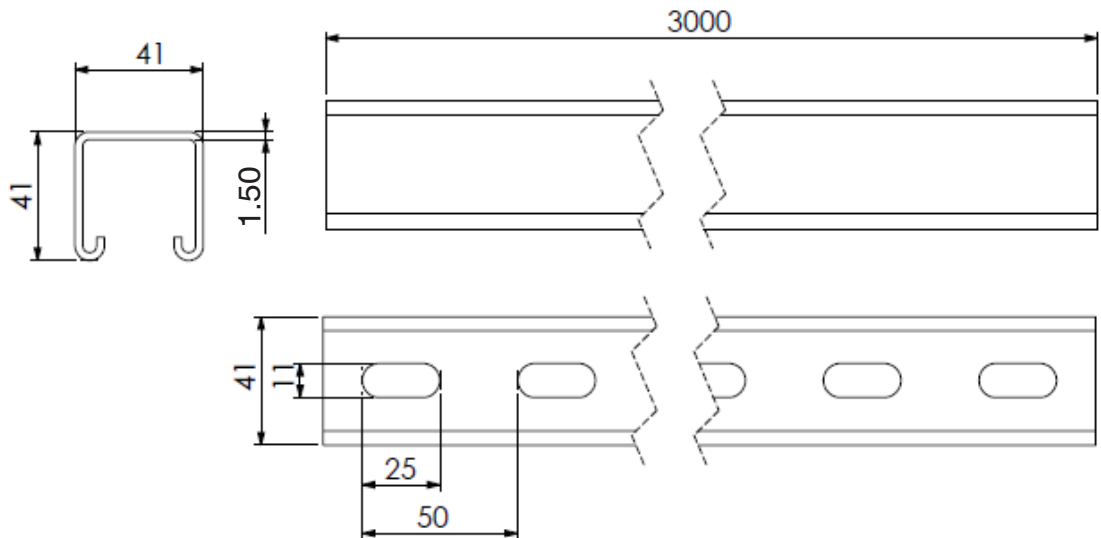
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied 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	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:





Tamlex Data Sheet

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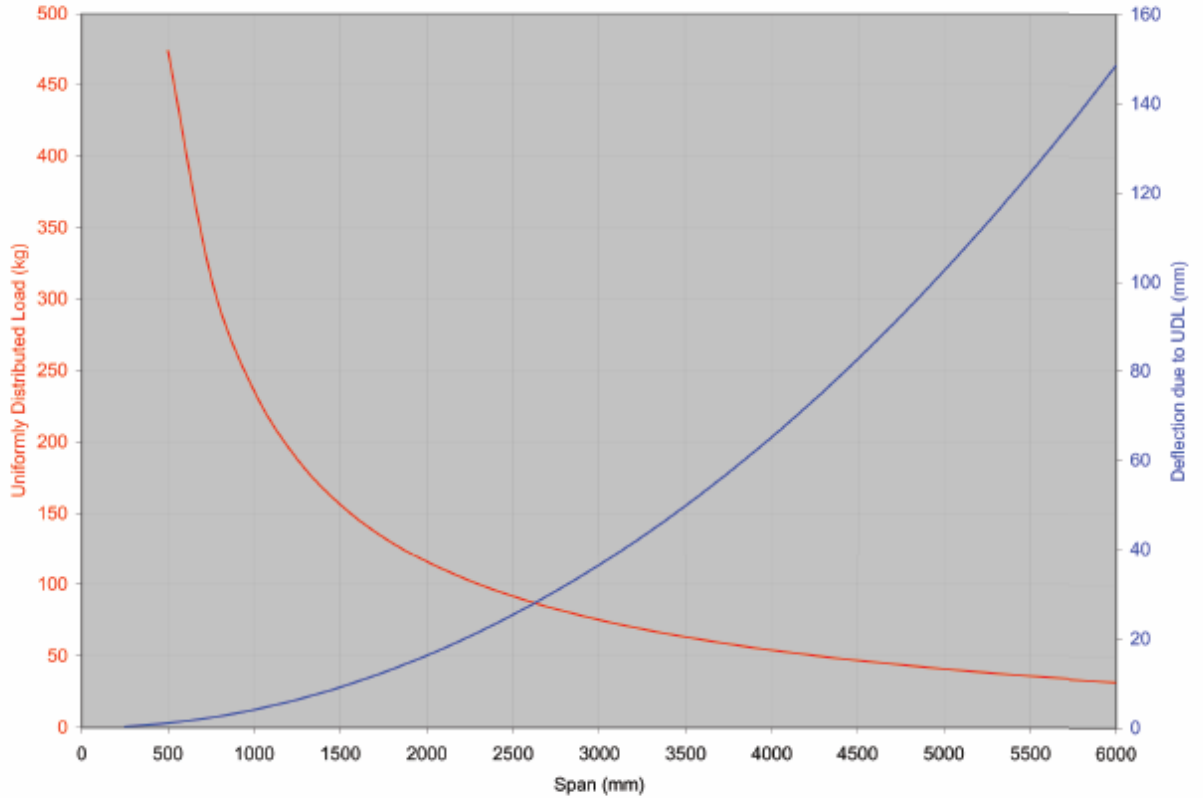
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Slotted 41x41x1.5 thk. (Mass 1.48kg/m)

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	947.8	0.3				
500	473.4	1.0				
750	315.1	2.3			290.3	2.1
1000	235.7	4.0			162.5	2.8
1250	188.0	6.3	187.0	6.3	103.1	3.5
1500	156.1	9.1	128.9	7.5	70.6	4.2
1750	133.2	12.3	93.8	8.8	50.9	4.9
2000	115.9	16.1	70.8	10.0	38.0	5.6
2250	102.4	20.4	55.0	11.3	29.1	6.3
2500	91.6	25.2	43.5	12.5	22.5	6.9
2750	82.6	30.6	35.0	13.8	17.6	7.8
3000	75.1	36.4	28.4	15.0	13.8	8.3
3250	68.7	42.8	23.1	16.3	10.7	9.0
3500	63.2	49.7	18.9	17.5	8.2	9.7
3750	58.4	57.1	15.4	18.8	6.1	10.4
4000	54.1	65.1	12.5	20.0	4.3	11.1
4250	50.3	73.6	10.1	21.3	2.8	11.8
4500	46.9	82.6	7.9	22.5	1.5	12.5
4750	43.8	92.2	6.1	23.8	0.3	13.2
5000	40.9	102.4	4.4	25.0		
5250	38.4	113.1	3.0	26.3		
5500	36.0	124.4	1.6	27.5		
5750	33.8	136.2	0.4	28.8		
6000	31.8	148.6				



Load, Span & Deflection Graph