



Product Code:

TS41P-3LG

Issue Date:

29/11/21

Issue by:

R.M.

Description:

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

Features:

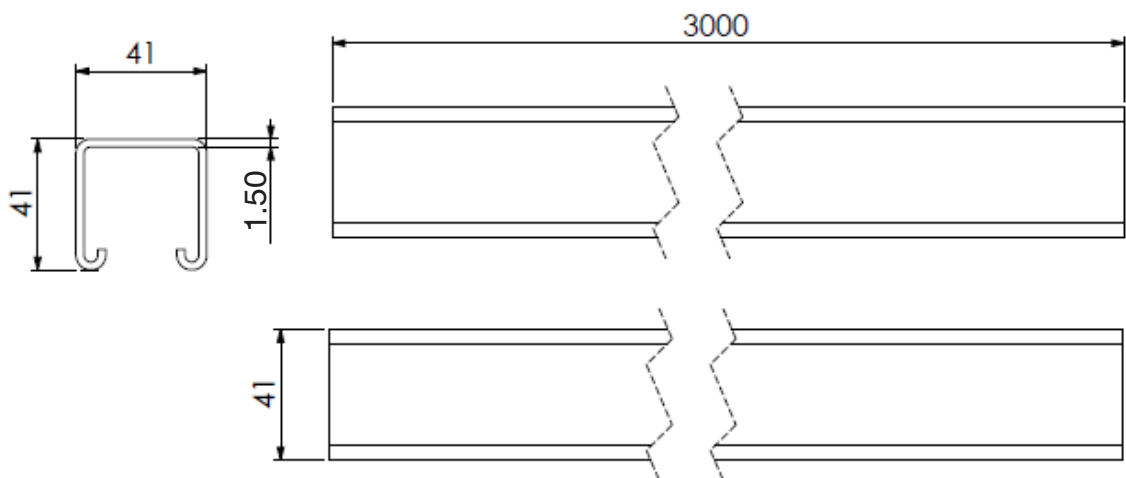
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied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





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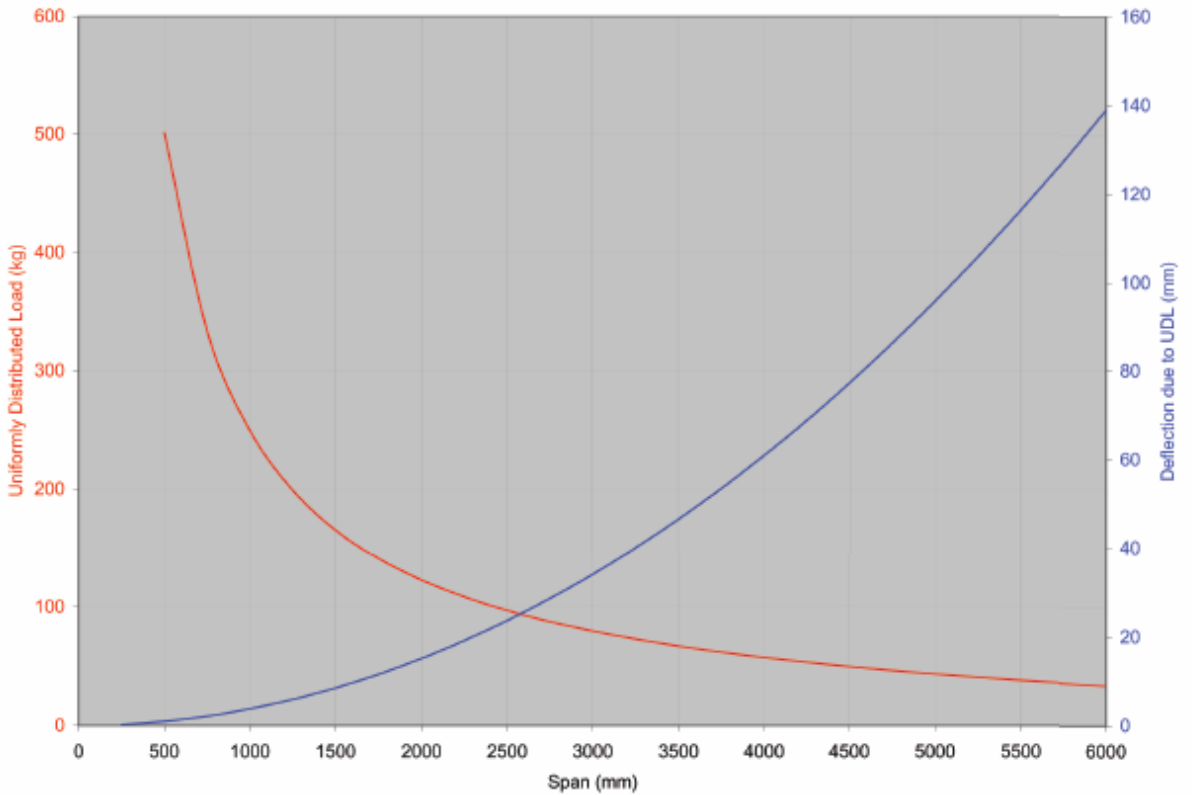
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Plain 41x41x1.5 thk. (Mass 1.53kg/m)

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	1002.8	0.2				
500	500.9	0.9				
750	333.4	2.1			328.5	2.1
1000	249.5	3.8			183.9	2.8
1250	199.0	5.9			116.7	3.5
1500	165.2	8.5	146.0	7.5	80.1	4.2
1750	141.0	11.5	106.3	8.8	57.9	4.9
2000	122.7	15.1	80.4	10.0	43.3	5.6
2250	108.4	19.1	62.5	11.3	33.2	6.3
2500	97.0	23.6	49.6	12.5	25.8	6.9
2750	87.5	28.6	39.9	13.8	20.3	7.6
3000	79.6	34.0	32.5	15.0	16.0	8.3
3250	72.8	40.0	26.6	16.3	12.6	9.0
3500	67.0	46.5	21.9	17.5	9.8	9.7
3750	61.8	53.4	18.0	18.8	7.4	10.4
4000	57.3	60.9	14.7	20.0	5.4	11.1
4250	53.3	68.8	12.0	21.3	3.7	11.8
4500	49.7	77.3	9.8	22.5	2.2	12.5
4750	46.4	86.2	7.5	23.8	0.9	13.2
5000	43.4	95.7	5.7	25.0		
5250	40.7	105.7	4.1	26.3		
5500	38.2	116.3	2.6	27.5		
5750	35.9	127.4	1.3	28.8		
6000	33.7	139.0	0.1	30.0		



Load, Span & Deflection Graph