



**Product Code:**

TS21S-3

**Issue Date:**

29/11/21

**Issue by:**

R.M.

**Description:**

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

**Features:**

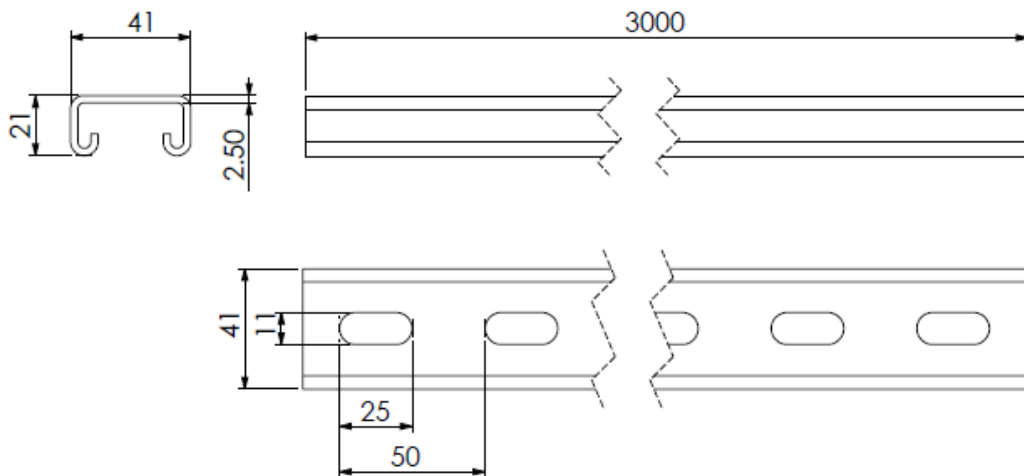
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied 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	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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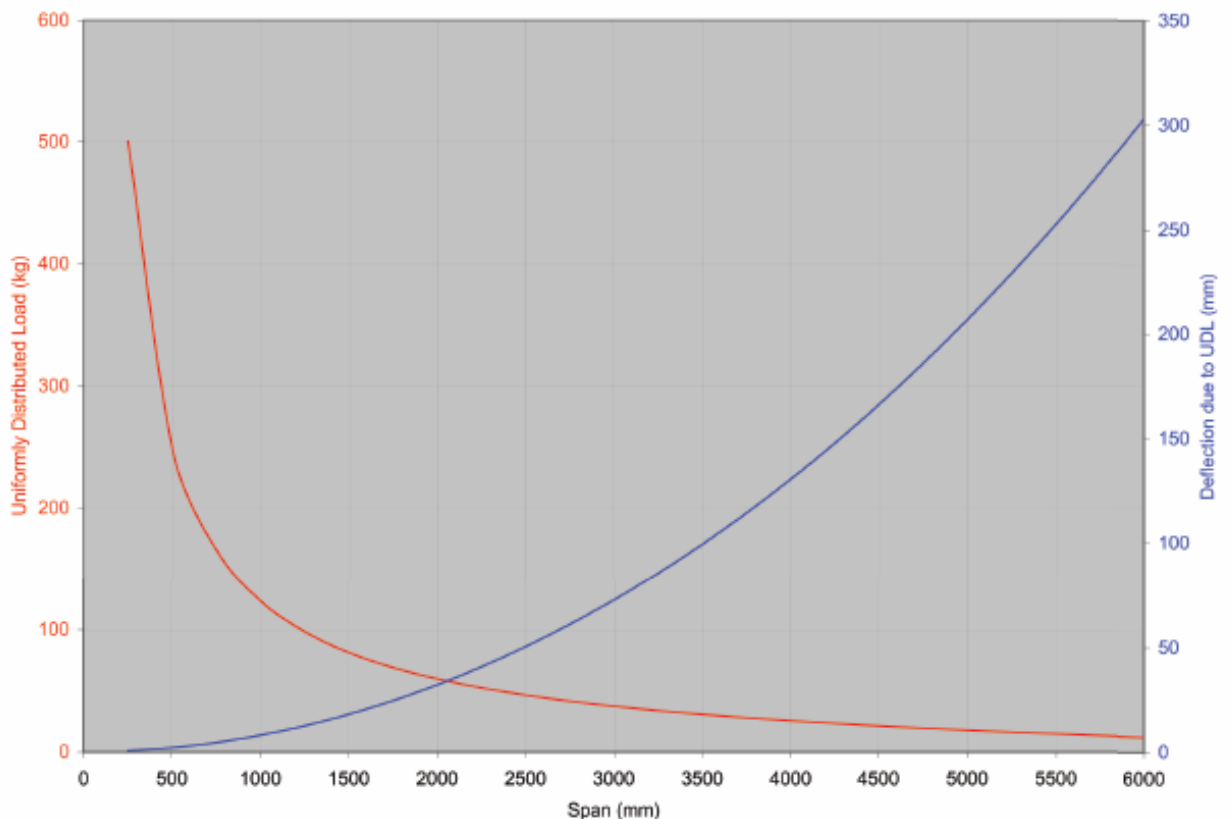
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**Slotted 41x21x2.5 thk. (Mass 1.67kg/m)**

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	500.4	0.5				
500	249.7	2.0			174.3	1.4
750	165.8	4.5	138.9	3.8	76.6	2.1
1000	123.7	8.0	77.2	5.0	42.1	2.8
1250	98.3	12.4	48.4	6.3	25.9	3.5
1500	81.3	17.9	32.5	7.5	17.0	4.2
1750	69.0	24.4	22.8	8.8	11.4	4.9
2000	59.7	32.0	16.4	10.0	7.6	5.6
2250	52.4	40.5	11.8	11.3	4.9	6.3
2500	46.4	50.2	8.4	12.5	2.8	6.9
2750	41.5	60.8	5.8	13.8	1.2	7.6
3000	37.3	72.5	3.7	15.0		
3250	33.8	85.4	2.0	16.3		
3500	30.6	99.3	0.6	17.5		
3750	27.9	114.3				
4000	25.4	130.5				
4250	23.2	147.8				
4500	21.2	166.3				
4750	19.4	185.9				
5000	17.7	206.8				
5250	16.2	229.0				
5500	14.7	252.4				
5750	13.4	277.1				
6000	12.1	303.1				



**Load, Span & Deflection Graph**