

Data Sheets For 41 x 41 x 2.5mm Slotted Channel

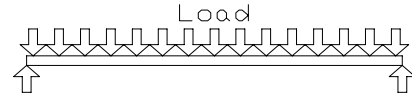


Pages 2-3: Pre-Galvanised

Page 4: Hot Dip Galvanised

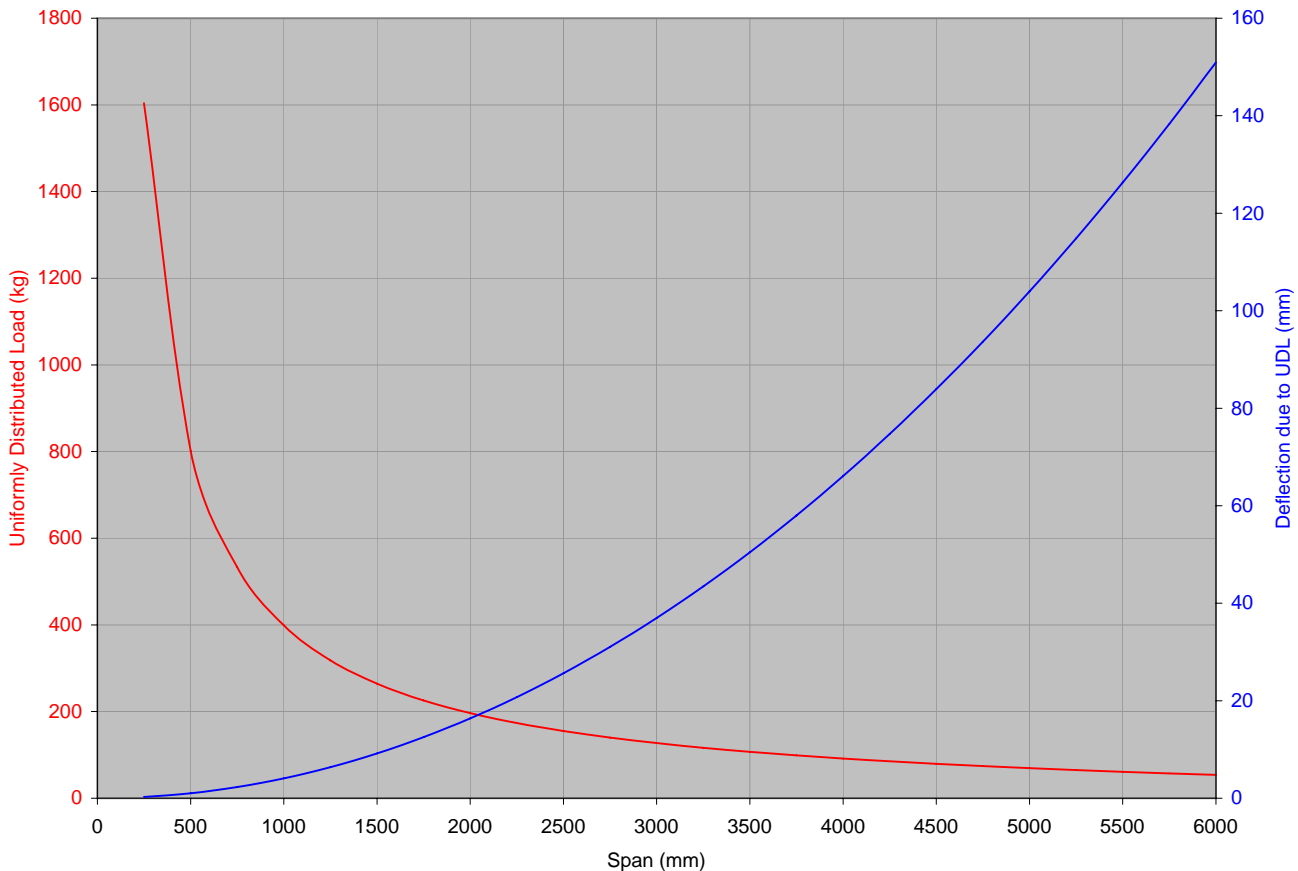
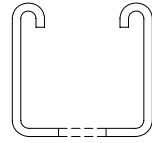
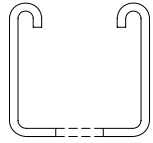
Page 5: Stainless Steel



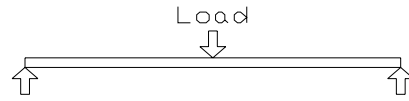


T3779 Slotted 41x41x2.5 thk. (Mass 2.47kg/m)

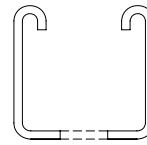
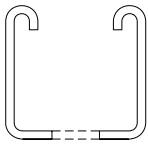
Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Total Applied Load (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)
250	1604.1	0.3				
500	801.2	1.0				
750	533.2	2.3			483.6	2.1
1000	399.0	4.1			270.6	2.8
1250	318.2	6.4	311.5	6.3	171.7	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				



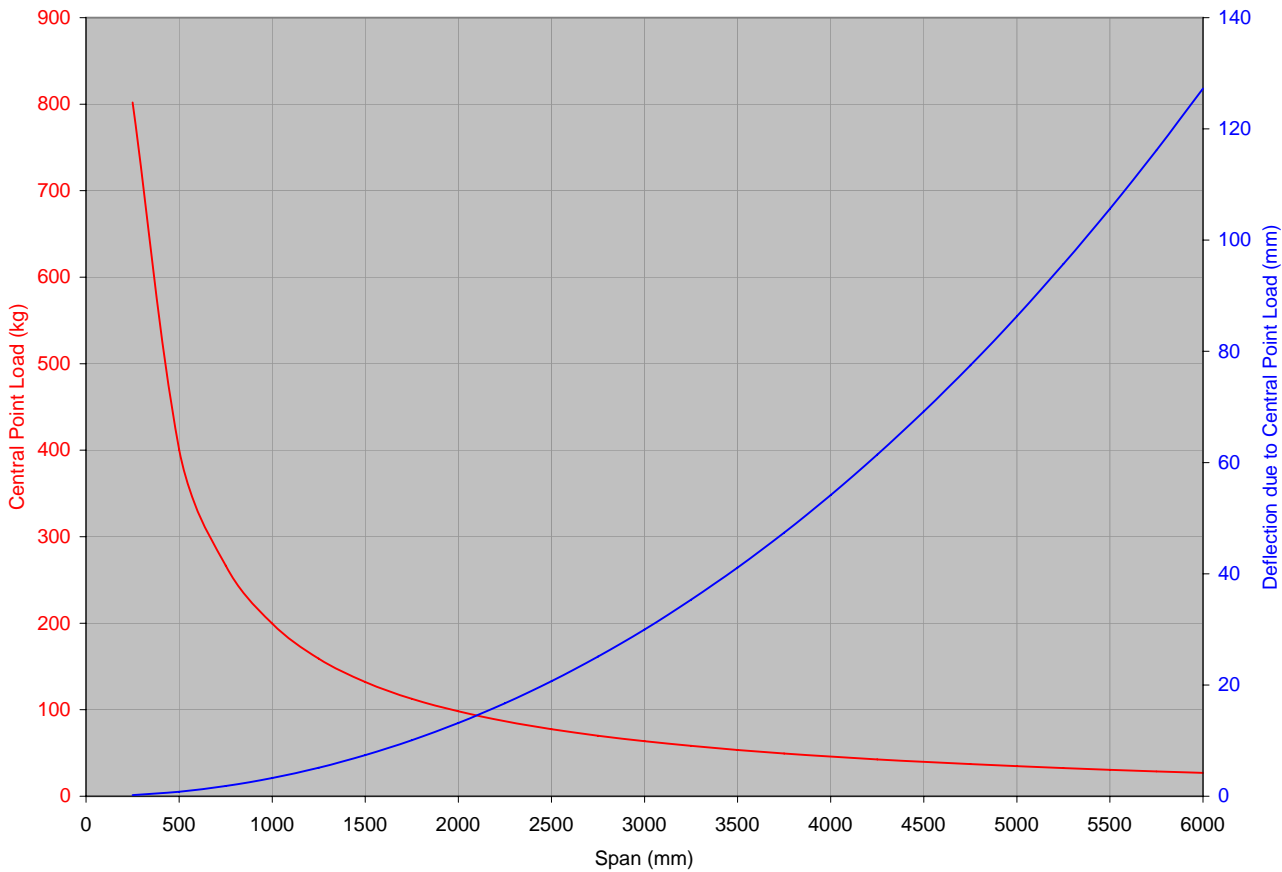
Load, Span & Deflection Graph



T3779 Slotted 41x41x2.5 thk. (Mass 2.47kg/m)



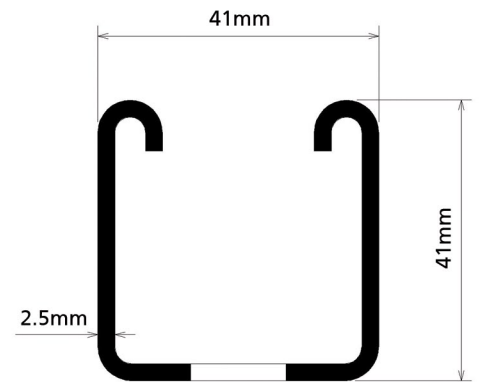
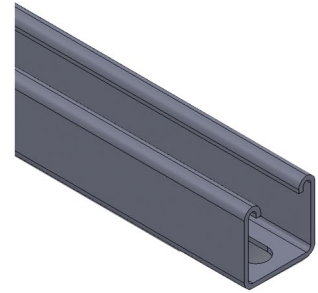
Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)
250	802.0	0.2				
500	400.6	0.8				
750	266.6	1.8				
1000	199.5	3.3			169.1	2.8
1250	159.1	5.1			107.3	3.5
1500	132.1	7.4	134.2	7.5	73.5	4.2
1750	112.7	10.1	97.6	8.8	53.0	4.9
2000	98.1	13.2	73.7	10.0	39.6	5.6
2250	86.7	16.7	57.2	11.3	30.2	6.3
2500	77.5	20.7	45.3	12.5	23.5	6.9
2750	70.0	25.1	36.4	13.8	18.3	7.6
3000	63.6	30.0	29.5	15.0	14.3	8.3
3250	58.2	35.3	24.1	16.3	11.1	9.0
3500	53.5	41.1	19.7	17.5	8.5	9.7
3750	49.4	47.4	16.1	18.8	6.4	10.4
4000	45.8	54.2	13.0	20.0	4.5	11.1
4250	42.6	61.4	10.5	21.3	2.9	11.8
4500	39.7	69.2	8.2	22.5	1.5	12.5
4750	37.1	77.5	6.3	23.8	0.2	13.2
5000	34.7	86.3	4.6	25.0		
5250	32.5	95.7	3.1	26.3		
5500	30.5	105.6	1.7	27.5		
5750	28.7	116.2	0.4	28.8		
6000	27.0	127.3				



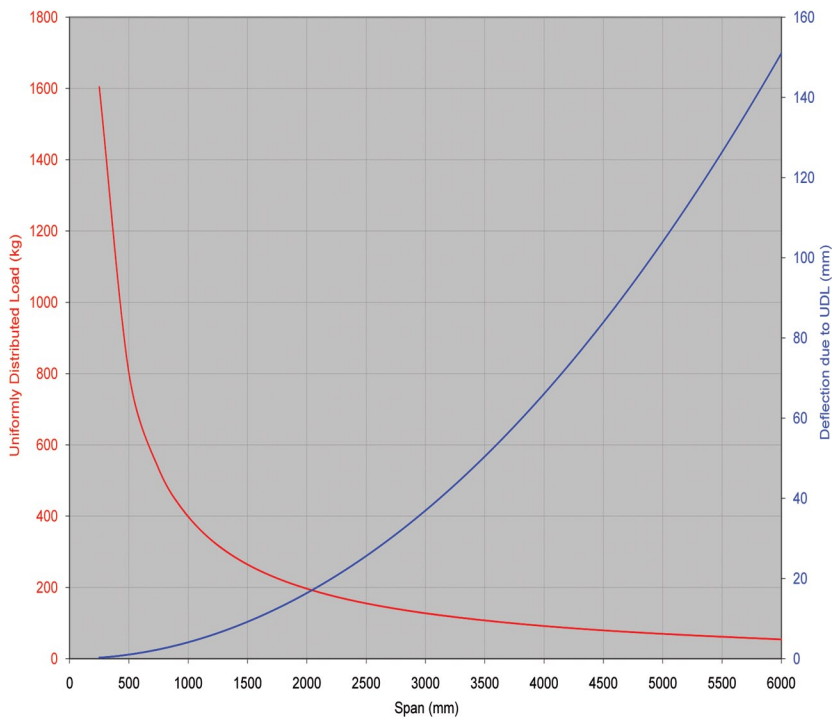
Load, Span & Deflection Graph

T3779 Slotted 41x41x2.5 thk. (Mass 2.47kg/m)

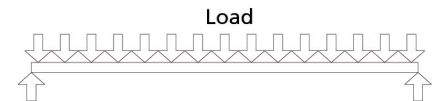
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2250	173.4	20.7	91.5	11.3	48.4	6.3
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Load, Span & Deflection Graph



Loading Conditions:

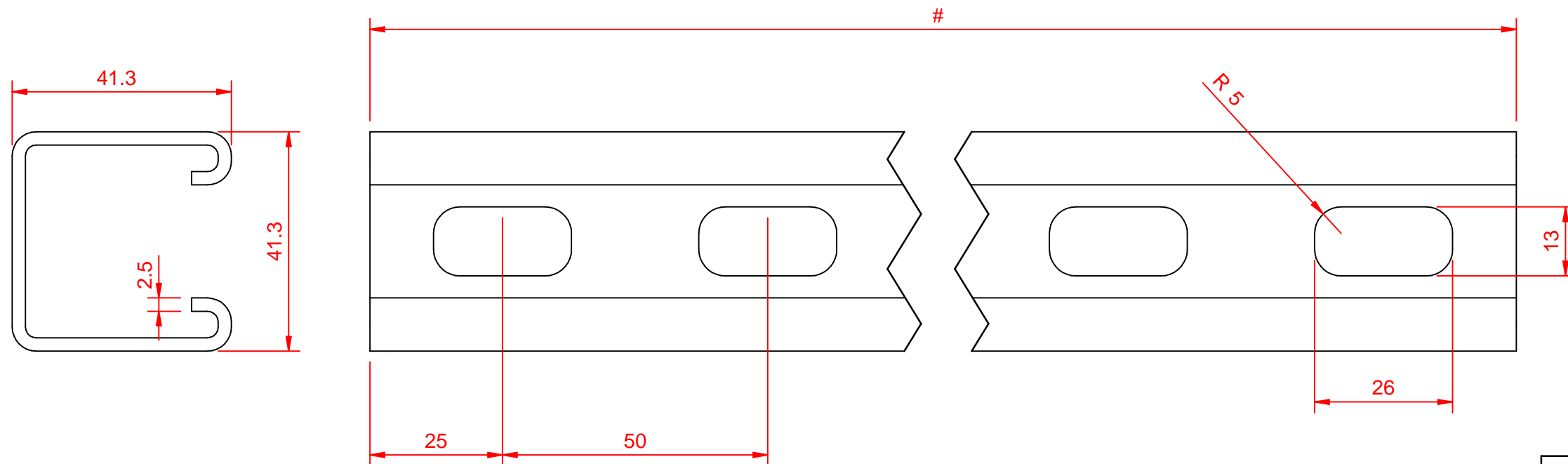


TECHNICAL SPECIFICATION

Performance
Complies with BS EN6946:1988

Slot Detail
28 x 14mm slots
25 x 11mm slots available on request

- NOTES: IF IN DOUBT ASK
- ALL DIMENSIONS IN MILLIMETRES
 - MATERIAL & FINISH SPECIFICATION:
 SS = STAINLESS STEEL
 QQ = PRE-GALVANIZED STRUCTURAL S280GD STEEL
 GM = HOT DIP GALVANIZED STRUCTURAL STEEL (GALVANIZING TO BS EN ISO 1461)
 - PART NUMBER REFERENCE:
 IC/CNL/D/S/SL#/\$\$
 '\$\$' DENOTES - ADD MATERIAL & FINISH SPECIFICATION REFERENCE
 '#' DENOTES - ADD LENGTH



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WHEN PRINTED**

03	SLOT PATTERN UPDATED	07/12/11
02	PRODUCT CODE CORRECTED	04/04/11
01	PROJECT RELEASE	11/02/11
REVISION	DETAILS	DATE

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Vantrunk
CABLE MANAGEMENT

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SCALE NTS	TOLERANCES (UOS) ±1.0mm ±1.0 °	3rd ANGLE ⊟
DRAWN BY 11/02/11 <i>MR</i>	CHECKED 04/04/11 <i>JH</i>	APPROVED 04/04/11 <i>EQ</i>

DRAWING TITLE
**Vantrunk Intelok Steel Framing
 Slotted Deep Channel Straight Length**

DRAWING NUMBER DIM IC CNL D S SL_03	REVISION 03
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Vantrunk Part Number	#	Material & Finish
IC/CNL/D/S/SL3/\$\$	3000	\$\$
IC/CNL/D/S/SL6/\$\$	6000	\$\$