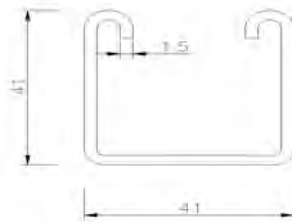
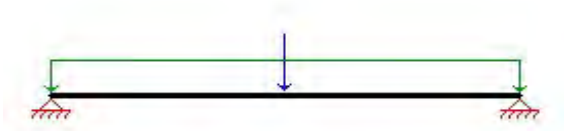


Suggested Load Data



Pre Galvanised 41x41x1.5mm slotted strut
Loading Conditions: Point Load at mid span



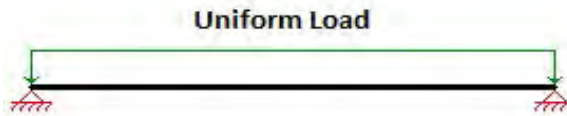
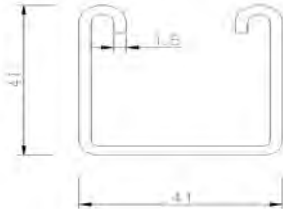
Slotted 41x41x1.5mm thick

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Central Point Load (kg)	Total Def. (mm)	Central Point Load (kg)	Total Def. (mm)	Central Point load (kg)	Total Def. (mm)
250	490	0.2				
500	260	0.8				
750	180	1.8				
1000	135	3.2			115	2.8
1250	107	5.0			75	3.5
1500	90	7.3			51	4.2
1750	76	9.9	67.5	8.8	37	4.9
2000	66.5	13.0	51	10.0	27.5	5.6
2250	59	16.5	39.5	11.3	21.2	6.3
2500	52.6	20.4	31.4	12.5	16.2	6.9
2750	47.5	24.7	25.4	13.8	12.9	7.6
3000	43.2	29.5	20.6	15.0	10.1	8.3
3250	39.5	34.7	17	16.3	8	9.0
3500	36.5	40.5	13.9	17.5	6.25	9.7
3750	33.7	46.6	11.5	18.8	4.8	10.4
4000	31.3	53.2	9.4	20.0	3.5	11.0
4250	29.2	60.5	7.7	21.3	2.5	11.8
4500	27.2	68.0	6.2	22.5	1.55	12.5
4750	25.5	76.2	4.9	23.8	0.75	13.2
5000	23.9	84.8	3.75	25.0		
5250	22.5	94.2	2.73	26.3		
5500	21.2	104.1	1.8	27.5		
5750	19.9	114.1	1	28.8		
6000	18.8	125.2				

Suggested Load Data

Pre Galvanised 41x41x1.5mm slotted strut

Loading Conditions: UDL



Slotted 41x41x1.5mm thick

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	1100	0.3				
500	525	1.0				
750	320	2.0			330	2.1
1000	265	4.0			189	2.8
1250	215	6.3	215	6.3	119	3.5
1500	179	9.1	148	7.5	81	4.2
1750	152	12.3	108	8.8	59	4.9
2000	132.5	16.1	81	10.0	44	5.6
2250	117.5	20.4	63.5	11.3	34	6.3
2500	105	25.2	50	12.5	26	6.9
2750	95	30.6	40.5	13.8	20.5	7.6
3000	86.4	36.4	33	15.0	16.2	8.3
3250	79.1	42.8	27.1	16.3	12.8	9.0
3500	72.9	49.7	22.3	17.5	10	9.7
3750	67.4	57.1	18.4	18.8	7.7	10.4
4000	62.6	65.1	15.1	20.0	4.9	10.3
4250	58.2	73.5	12.3	21.3	4	11.8
4500	54.3	82.5	9.9	22.5	2.5	12.5
4750	50.8	92.1	7.82	23.8	1.2	13.2
5000	47.7	102.4	6	25.0		
5250	44.8	113.1	4.39	26.3		
5500	42.1	124.3	2.91	27.5		
5750	39.6	136.0	1.59	28.8		
6000	37.3	148.4				