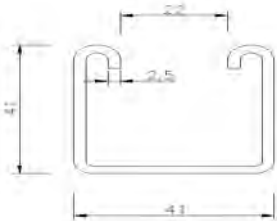
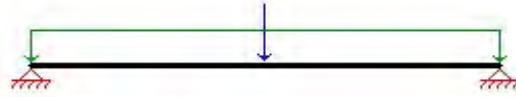


Suggested Load Data



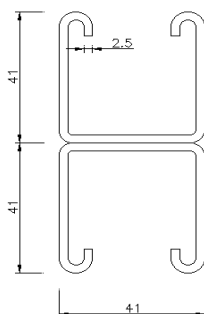
Pre Galvanised 41x41x2.5mm slotted strut
Loading Conditions: Point Load at mid span



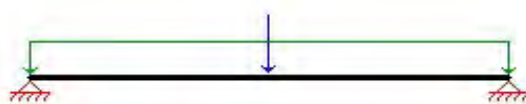
Slotted 41x41x2.5mm thick

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	805	0.2				
500	405	0.8				
750	270	1.8				
1000	205	3.3			175	2.8
1250	162	5.1			110	3.5
1500	136	7.4	137	7.5	76	4.2
1750	115.8	10.1	101	8.8	55	4.9
2000	101	13.2	75.9	10.0	41	5.6
2250	89	16.7	58.8	11.3	31	6.3
2500	79.5	20.7	46.1	12.5	23.7	6.9
2750	71.5	25.1	37.2	13.8	18.5	7.6
3000	65	30.0	29.9	15.0	14.3	8.3
3250	59.5	35.3	24.5	16.3	11	9.0
3500	54.6	41.1	19.8	17.5	8.3	9.7
3750	50.4	47.4	16.1	18.8	6.1	10.4
4000	46.7	54.2	12.9	20.0	4.1	11.1
4250	43.3	61.4	10.3	21.3	2.5	11.8
4500	40.33	69.2	7.9	22.5	1	12.5
4750	37.61	77.5	5.9	23.8		
5000	35.11	86.3	4.1	25.0		
5250	32.85	95.7	2.54	26.3		
5500	30.71	105.6	1.05	27.5		
5750	28.8	116.2				
6000	27	127.3				

Suggested Load Data



Pre Galvanised 41x41x2.5mm Back to Back
Loading Conditions: Point Load at mid span



41x41x2.5mm thick Back to Back

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	2480	0.1				
500	1235	0.4				
750	822	1.0				
1000	614	1.7				
1250	485	2.6				
1500	400	3.8				
1750	345	5.2			325	4.9
2000	301	6.8			248	5.6
2250	265	8.6			193	6.3
2500	238	10.6			151	6.9
2750	215	12.9			123	7.6
3000	195	15.3	191	15.0	101	8.3
3250	180	18.1	161	16.3	84.5	9.0
3500	165.5	21.0	136	17.5	70.5	9.7
3750	153.4	24.2	116.5	18.8	59.2	10.4
4000	143	27.6	100	20.0	49.5	11.1
4250	133	31.2	86.5	21.3	41.5	11.8
4500	124.5	35.1	74.5	22.5	35	12.5
4750	117	39.3	64.8	23.8	29	13.2
5000	109.9	43.7	56	25.0	24	13.9
5250	103.8	48.4	48.5	26.3	19.3	14.6
5500	97.7	53.3	41.9	27.5	15.3	15.3
5750	92.5	58.5	36	28.8	11.7	16.0
6000	87.5	64.0	30.6	30.0	8.4	16.7