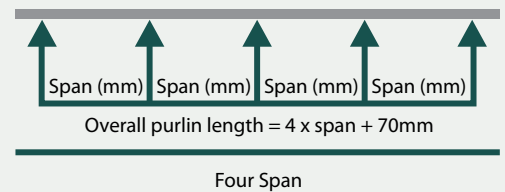


PURLINS & GIRTS - FOUR SPAN

Table F100-Four Spans for Z/C100 Sections - Limit state capacity (kN/m)						
SECTION	10010					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
2100	3.64	3.64	3.64	3.64	3.64	7.05
2400	2.79	2.79	2.79	2.79	2.79	4.72
2700	2.20	2.20	2.20	2.20	2.20	3.32
3000	1.78	1.78	1.78	1.78	1.78	2.42
3300	1.48	1.48	1.48	1.48	1.48	1.82
3600	1.24	1.24	1.24	1.24	1.24	1.40
3900	1.06	1.06	1.06	1.06	1.06	1.10
4200	0.91	0.91	0.91	0.91	0.91	0.88
4500	0.79	0.79	0.79	0.79	0.79	0.72
4800	0.70	0.70	0.70	0.70	0.70	0.59
5100	0.62	0.62	0.62	0.62	0.62	0.49
5400	0.55	0.55	0.55	0.55	0.55	0.41
5700	0.49	0.49	0.49	0.49	0.49	0.35

Table F100-Four Spans for Z/C100 Sections - Limit state capacity (kN/m)						
SECTION	10012					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
2100	4.84	4.84	4.84	4.84	4.84	8.73
2400	3.71	3.71	3.71	3.71	3.71	5.85
2700	2.93	2.93	2.93	2.93	2.93	4.11
3000	2.37	2.37	2.37	2.37	2.37	2.99
3300	1.96	1.96	1.96	1.96	1.96	2.25
3600	1.65	1.65	1.65	1.65	1.65	1.73
3900	1.40	1.40	1.40	1.40	1.40	1.36
4200	1.21	1.21	1.21	1.21	1.21	1.09
4500	1.05	1.05	1.05	1.05	1.05	0.89
4800	0.93	0.93	0.93	0.93	0.93	0.73
5100	0.82	0.82	0.82	0.82	0.82	0.61
5400	0.73	0.73	0.73	0.73	0.73	0.51
5700	0.66	0.66	0.66	0.66	0.66	0.44
6000	0.59	0.59	0.59	0.59	0.59	0.37
6300	0.54	0.54	0.54	0.54	0.54	0.32
6600	0.49	0.49	0.49	0.49	0.49	0.28



NOTES:

- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
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DEF. = Load required to give a deflection of SPAN/150

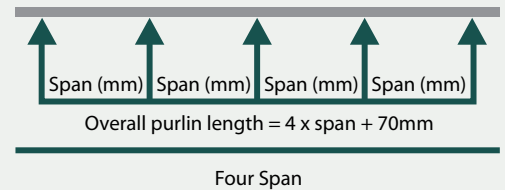
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PURLINS & GIRTS - FOUR SPAN

Table F100-Four Spans for Z/C100 Sections - Limit state capacity (kN/m)						
SECTION	10015					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
2100	6.38	6.21	6.38	6.38	6.38	11.13
2400	4.88	4.76	4.88	4.88	4.88	7.46
2700	3.86	3.76	3.86	3.86	3.86	5.24
3000	3.12	3.04	3.12	3.12	3.12	3.82
3300	2.58	2.52	2.58	2.58	2.58	2.87
3600	2.17	2.11	2.17	2.17	2.17	2.21
3900	1.85	1.80	1.85	1.85	1.85	1.74
4200	1.59	1.55	1.59	1.59	1.59	1.39
4500	1.39	1.35	1.39	1.39	1.39	1.13
4800	1.22	1.19	1.22	1.22	1.22	0.93
5100	1.08	1.05	1.08	1.08	1.08	0.78
5400	0.96	0.94	0.96	0.96	0.96	0.65
5700	0.87	0.84	0.87	0.87	0.87	0.56
6000	0.78	0.76	0.78	0.78	0.78	0.48

Table F100-Four Spans for Z/C100 Sections - Limit state capacity (kN/m)						
SECTION	10019					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
2100	8.63	7.78	8.63	8.63	8.63	13.95
2400	6.61	5.96	6.61	6.61	6.61	9.34
2700	5.22	4.71	5.22	5.22	5.22	6.56
3000	4.23	3.81	4.23	4.23	4.23	4.78
3300	3.49	3.15	3.49	3.49	3.49	3.59
3600	2.94	2.65	2.94	2.94	2.94	2.77
3900	2.50	2.26	2.50	2.50	2.50	2.18
4200	2.16	1.95	2.16	2.16	2.16	1.74
4500	1.88	1.69	1.88	1.88	1.88	1.42
4800	1.65	1.49	1.65	1.65	1.65	1.17
5100	1.46	1.32	1.46	1.46	1.46	0.97
5400	1.31	1.18	1.31	1.31	1.31	0.82
5700	1.17	1.06	1.17	1.17	1.17	0.70
6000	1.06	0.95	1.06	1.06	1.06	0.60
6300	0.96	0.86	0.96	0.96	0.96	0.52
6600	0.87	0.79	0.87	0.87	0.87	0.45
6900	0.80	0.72	0.80	0.80	0.80	0.39
7200	0.73	0.66	0.73	0.73	0.73	0.35
7500	0.68	0.61	0.68	0.68	0.68	0.31



NOTES:

- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
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DEF. = Load required to give a deflection of SPAN/150

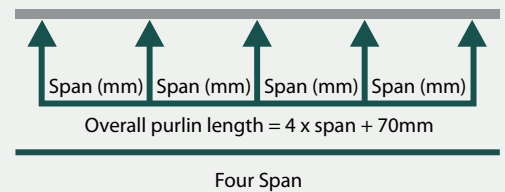
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PURLINS & GIRTS - FOUR SPAN

Table F150-Four Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15012					Def
LOADING	Inward	Outward			BRIDGING	
	0,1,2,3	0	1	2		3
2100	6.82	6.82	6.82	6.82	6.82	24.97
2400	5.73	5.73	5.73	5.73	5.73	16.73
2700	4.53	4.53	4.53	4.53	4.53	11.75
3000	3.67	3.67	3.67	3.67	3.67	8.57
3300	3.03	3.03	3.03	3.03	3.03	6.44
3600	2.55	2.55	2.55	2.55	2.55	4.96
3900	2.17	2.17	2.17	2.17	2.17	3.90
4200	1.87	1.87	1.87	1.87	1.87	3.12
4500	1.63	1.63	1.63	1.63	1.63	2.54
4800	1.43	1.43	1.43	1.43	1.43	2.09
5100	1.27	1.27	1.27	1.27	1.27	1.74
5400	1.13	1.13	1.13	1.13	1.13	1.47
5700	1.02	1.02	1.02	1.02	1.02	1.25
6000	0.92	0.92	0.92	0.92	0.92	1.07
6300	0.83	0.83	0.83	0.83	0.83	0.92
6600	0.76	0.76	0.76	0.76	0.76	0.80
6900	0.69	0.69	0.69	0.69	0.69	0.70
7200	0.64	0.64	0.64	0.64	0.64	0.62
7500	0.59	0.59	0.59	0.59	0.59	0.55

Table F150-Four Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15015					Def
LOADING	Inward	Outward			BRIDGING	
	0,1,2,3	0	1	2		3
2100	11.18	11.18	11.18	11.18	11.18	32.36
2400	8.56	8.56	8.56	8.56	8.56	21.68
2700	6.76	6.76	6.76	6.76	6.76	15.22
3000	5.48	5.48	5.48	5.48	5.48	11.10
3300	4.53	4.53	4.53	4.53	4.53	8.34
3600	3.80	3.80	3.80	3.80	3.80	6.42
3900	3.24	3.24	3.24	3.24	3.24	5.05
4200	2.80	2.80	2.80	2.80	2.80	4.04
4500	2.44	2.44	2.44	2.44	2.44	3.29
4800	2.14	2.14	2.14	2.14	2.14	2.71
5100	1.90	1.90	1.90	1.90	1.90	2.26
5400	1.69	1.69	1.69	1.69	1.69	1.90
5700	1.52	1.52	1.52	1.52	1.52	1.62
6000	1.37	1.37	1.37	1.37	1.37	1.39
6300	1.24	1.24	1.24	1.24	1.24	1.20
6600	1.13	1.13	1.13	1.13	1.13	1.04
6900	1.04	1.04	1.04	1.04	1.04	0.91
7200	0.95	0.95	0.95	0.95	0.95	0.80
7500	0.88	0.88	0.88	0.88	0.88	0.71
7800	0.81	0.81	0.81	0.81	0.81	0.63
8100	0.75	0.75	0.75	0.75	0.75	0.56
8400	0.70	0.70	0.70	0.70	0.70	0.51
8700	0.65	0.65	0.65	0.65	0.65	0.46
9000	0.61	0.61	0.61	0.61	0.61	0.41



NOTES:

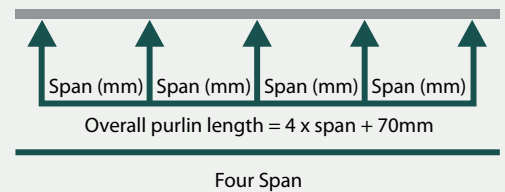
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 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
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PURLINS & GIRTS - FOUR SPAN

Table F150-Four Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15019					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
2100	15.87	15.70	15.87	15.87	15.87	41.73
2400	12.15	12.02	12.15	12.15	12.15	27.95
2700	9.60	9.50	9.60	9.60	9.60	19.63
3000	7.78	7.69	7.78	7.78	7.78	14.31
3300	6.43	6.36	6.43	6.43	6.43	10.75
3600	5.40	5.34	5.40	5.40	5.40	8.28
3900	4.60	4.55	4.60	4.60	4.60	6.51
4200	3.97	3.93	3.97	3.97	3.97	5.22
4500	3.46	3.42	3.46	3.46	3.46	4.24
4800	3.04	3.01	3.04	3.04	3.04	3.49
5100	2.69	2.66	2.69	2.69	2.69	2.91
5400	2.40	2.37	2.40	2.40	2.40	2.45
5700	2.15	2.13	2.15	2.15	2.15	2.09
6000	1.94	1.92	1.94	1.94	1.94	1.79
6300	1.76	1.74	1.76	1.76	1.76	1.55
6600	1.61	1.59	1.61	1.61	1.61	1.34
6900	1.47	1.45	1.47	1.47	1.47	1.18
7200	1.35	1.34	1.35	1.35	1.35	1.04
7500	1.24	1.23	1.24	1.24	1.24	0.92
7800	1.15	1.14	1.15	1.15	1.15	0.81
8100	1.07	1.06	1.07	1.07	1.07	0.73
8400	0.99	0.98	0.99	0.99	0.99	0.65
8700	0.92	0.91	0.92	0.92	0.92	0.59
9000	0.86	0.85	0.86	0.86	0.86	0.53



NOTES:

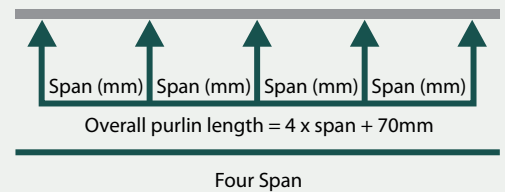
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- Following values of F_y considered for calculating the ultimate loads
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 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
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PURLINS & GIRTS - FOUR SPAN

Table F150-Four Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15024					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
2100	21.60	19.61	21.60	21.60	21.60	52.46
2400	16.53	15.02	16.53	16.53	16.53	35.14
2700	13.06	11.87	13.06	13.06	13.06	24.68
3000	10.58	9.61	10.58	10.58	10.58	17.99
3300	8.75	7.94	8.75	8.75	8.75	13.52
3600	7.35	6.67	7.35	7.35	7.35	10.41
3900	6.26	5.69	6.26	6.26	6.26	8.19
4200	5.40	4.90	5.40	5.40	5.40	6.56
4500	4.70	4.27	4.70	4.70	4.70	5.33
4800	4.13	3.75	4.13	4.13	4.13	4.39
5100	3.66	3.33	3.66	3.66	3.66	3.66
5400	3.27	2.97	3.27	3.27	3.27	3.09
5700	2.93	2.66	2.93	2.93	2.93	2.62
6000	2.65	2.40	2.65	2.65	2.65	2.25
6300	2.40	2.18	2.40	2.40	2.40	1.94
6600	2.19	1.99	2.19	2.19	2.19	1.69
6900	2.00	1.82	2.00	2.00	2.00	1.48
7200	1.84	1.67	1.84	1.84	1.84	1.30
7500	1.69	1.54	1.69	1.69	1.69	1.15
7800	1.57	1.42	1.57	1.57	1.57	1.02
8100	1.45	1.32	1.45	1.45	1.45	0.91
8400	1.35	1.23	1.35	1.35	1.35	0.82
8700	1.26	1.14	1.26	1.26	1.26	0.74
9000	1.18	1.07	1.18	1.18	1.18	0.67
9300	1.10	1.00	1.10	1.10	1.10	0.60
9600	1.03	0.94	1.03	1.03	1.03	0.55
9900	0.97	0.88	0.97	0.97	0.97	0.50
10200	0.92	0.83	0.92	0.92	0.92	0.46
10500	0.86	0.78	0.86	0.86	0.86	0.42
10800	0.82	0.74	0.82	0.82	0.82	0.39
11100	0.77	0.70	0.77	0.77	0.77	0.36
11400	0.73	0.67	0.73	0.73	0.73	0.33
11700	0.70	0.63	0.70	0.70	0.70	0.30
12000	0.66	0.60	0.66	0.66	0.66	0.28



NOTES:

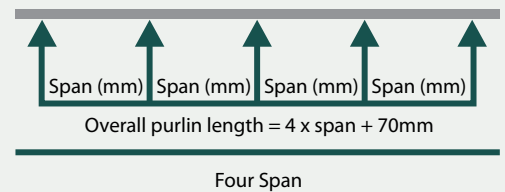
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 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
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PURLINS & GIRTS - FOUR SPAN

Table F200-Four Spans for Z/C200 Sections - Limit state capacity (kN/m)						
SECTION	20015					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	6.57	6.57	6.57	6.57	6.57	23.48
3300	5.43	5.43	5.43	5.43	5.43	17.64
3600	4.56	4.56	4.56	4.56	4.56	13.59
3900	3.89	3.89	3.89	3.89	3.89	10.69
4200	3.35	3.35	3.35	3.35	3.35	8.56
4500	2.92	2.92	2.92	2.92	2.92	6.96
4800	2.57	2.57	2.57	2.57	2.57	5.73
5100	2.27	2.27	2.27	2.27	2.27	4.78
5400	2.03	2.03	2.03	2.03	2.03	4.03
5700	1.82	1.82	1.82	1.82	1.82	3.42
6000	1.64	1.64	1.64	1.64	1.64	2.94
6300	1.49	1.49	1.49	1.49	1.49	2.54
6600	1.36	1.36	1.36	1.36	1.36	2.21
6900	1.24	1.24	1.24	1.24	1.24	1.93
7200	1.14	1.14	1.14	1.14	1.14	1.70
7500	1.05	1.05	1.05	1.05	1.05	1.50
7800	0.97	0.97	0.97	0.97	0.97	1.34
8100	0.90	0.90	0.90	0.90	0.90	1.19
8400	0.84	0.84	0.84	0.84	0.84	1.07
8700	0.78	0.78	0.78	0.78	0.78	0.96
9000	0.73	0.73	0.73	0.73	0.73	0.87



NOTES:

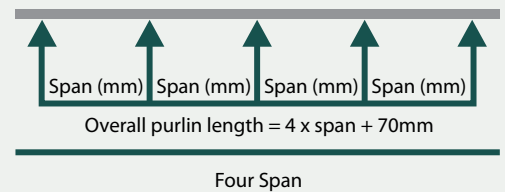
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
OUT = outward load capacity.
DEF. = Load required to give a deflection of SPAN/150

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PURLINS & GIRTS - FOUR SPAN

Table F100-Four Spans for Z/C100 Sections - Limit state capacity (kN/m)						
SECTION	20019					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	11.45	11.45	11.45	11.45	11.45	31.37
3300	9.46	9.46	9.46	9.46	9.46	23.57
3600	7.95	7.95	7.95	7.95	7.95	18.15
3900	6.78	6.78	6.78	6.78	6.78	14.28
4200	5.84	5.84	5.84	5.84	5.84	11.43
4500	5.09	5.09	5.09	5.09	5.09	9.30
4800	4.47	4.47	4.47	4.47	4.47	7.66
5100	3.96	3.96	3.96	3.96	3.96	6.39
5400	3.53	3.53	3.53	3.53	3.53	5.38
5700	3.17	3.17	3.17	3.17	3.17	4.57
6000	2.86	2.86	2.86	2.86	2.86	3.92
6300	2.60	2.60	2.60	2.60	2.60	3.39
6600	2.37	2.37	2.37	2.37	2.37	2.95
6900	2.16	2.16	2.16	2.16	2.16	2.58
7200	1.99	1.99	1.99	1.99	1.99	2.27
7500	1.83	1.83	1.83	1.83	1.83	2.01
7800	1.69	1.69	1.69	1.69	1.69	1.78
8100	1.57	1.57	1.57	1.57	1.57	1.59
8400	1.46	1.46	1.46	1.46	1.46	1.43
8700	1.36	1.36	1.36	1.36	1.36	1.29
9000	1.27	1.27	1.27	1.27	1.27	1.16
9300	1.19	1.19	1.19	1.19	1.19	1.05
9600	1.12	1.12	1.12	1.12	1.12	0.96
9900	1.05	1.05	1.05	1.05	1.05	0.87
10200	0.99	0.99	0.99	0.99	0.99	0.80
10500	0.93	0.93	0.93	0.93	0.93	0.73
10800	0.88	0.88	0.88	0.88	0.88	0.67
11100	0.84	0.84	0.84	0.84	0.84	0.62
11400	0.79	0.79	0.79	0.79	0.79	0.57
11700	0.75	0.75	0.75	0.75	0.75	0.53
12000	0.72	0.72	0.72	0.72	0.72	0.49



NOTES:

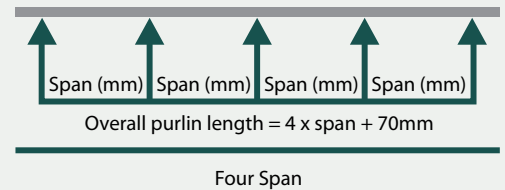
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
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PURLINS & GIRTS - FOUR SPAN

Table F200-Four Spans for Z/C200 Sections - Limit state capacity (kN/m)						
SECTION	20024					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	15.10	15.10	15.10	15.10	15.10	40.54
3300	13.74	13.45	13.74	13.74	13.74	30.45
3600	11.55	11.31	11.55	11.55	11.55	23.46
3900	9.84	9.63	9.84	9.84	9.84	18.45
4200	8.48	8.31	8.48	8.48	8.48	14.77
4500	7.39	7.24	7.39	7.39	7.39	12.01
4800	6.50	6.36	6.50	6.50	6.50	9.90
5100	5.75	5.63	5.75	5.75	5.75	8.25
5400	5.13	5.02	5.13	5.13	5.13	6.95
5700	4.61	4.51	4.61	4.61	4.61	5.91
6000	4.16	4.07	4.16	4.16	4.16	5.07
6300	3.77	3.69	3.77	3.77	3.77	4.38
6600	3.44	3.36	3.44	3.44	3.44	3.81
6900	3.14	3.08	3.14	3.14	3.14	3.33
7200	2.89	2.83	2.89	2.89	2.89	2.93
7500	2.66	2.60	2.66	2.66	2.66	2.59
7800	2.46	2.41	2.46	2.46	2.46	2.31
8100	2.28	2.23	2.28	2.28	2.28	2.06
8400	2.12	2.08	2.12	2.12	2.12	1.85
8700	1.98	1.94	1.98	1.98	1.98	1.66
9000	1.85	1.81	1.85	1.85	1.85	1.50
9300	1.73	1.69	1.73	1.73	1.73	1.36
9600	1.62	1.59	1.62	1.62	1.62	1.24
9900	1.53	1.49	1.53	1.53	1.53	1.13
10200	1.44	1.41	1.44	1.44	1.44	1.03
10500	1.36	1.33	1.36	1.36	1.36	0.95
10800	1.28	1.26	1.28	1.28	1.28	0.87
11100	1.21	1.19	1.21	1.21	1.21	0.80
11400	1.15	1.13	1.15	1.15	1.15	0.74
11700	1.09	1.07	1.09	1.09	1.09	0.68
12000	1.04	1.02	1.04	1.04	1.04	0.63



NOTES:

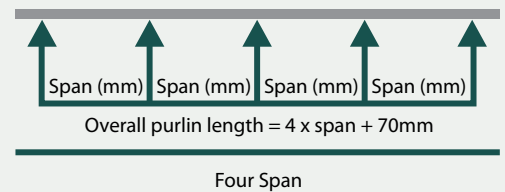
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
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PURLINS & GIRTS - FOUR SPAN

Table F250-Four Spans for Z/C250 Sections - Limit state capacity (kN/m)						
SECTION	25019					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	14.22	14.22	14.22	14.22	14.22	53.04
3300	11.75	11.75	11.75	11.75	11.75	39.85
3600	9.87	9.87	9.87	9.87	9.87	30.70
3900	8.41	8.41	8.41	8.41	8.41	24.14
4200	7.26	7.26	7.26	7.26	7.26	19.33
4500	6.32	6.32	6.32	6.32	6.32	15.72
4800	5.55	5.55	5.55	5.55	5.55	12.95
5100	4.92	4.92	4.92	4.92	4.92	10.80
5400	4.39	4.39	4.39	4.39	4.39	9.10
5700	3.94	3.94	3.94	3.94	3.94	7.73
6000	3.55	3.55	3.55	3.55	3.55	6.63
6300	3.22	3.22	3.22	3.22	3.22	5.73
6600	2.94	2.94	2.94	2.94	2.94	4.98
6900	2.69	2.69	2.69	2.69	2.69	4.36
7200	2.47	2.47	2.47	2.47	2.47	3.84
7500	2.28	2.28	2.28	2.28	2.28	3.39
7800	2.10	2.10	2.10	2.10	2.10	3.02
8100	1.95	1.95	1.95	1.95	1.95	2.69
8400	1.81	1.81	1.81	1.81	1.81	2.42
8700	1.69	1.69	1.69	1.69	1.69	2.17
9000	1.58	1.58	1.58	1.58	1.58	1.96
9300	1.48	1.48	1.48	1.48	1.48	1.78
9600	1.39	1.39	1.39	1.39	1.39	1.62
9900	1.31	1.31	1.31	1.31	1.31	1.48
10200	1.23	1.23	1.23	1.23	1.23	1.35
10500	1.16	1.16	1.16	1.16	1.16	1.24
10800	1.10	1.10	1.10	1.10	1.10	1.14
11100	1.04	1.04	1.04	1.04	1.04	1.05
11400	0.98	0.98	0.98	0.98	0.98	0.97
11700	0.93	0.93	0.93	0.93	0.93	0.89
12000	0.89	0.89	0.89	0.89	0.89	0.83



NOTES:

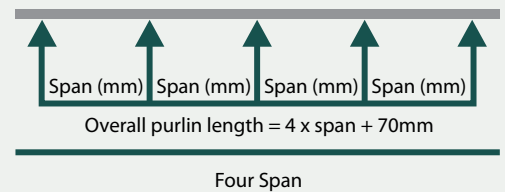
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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PURLINS & GIRTS - FOUR SPAN

Table F250-Four Spans for Z/C250 Sections - Limit state capacity (kN/m)						
SECTION	25024					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
4500	9.55	9.55	9.55	9.55	9.55	20.32
4800	8.40	8.40	8.40	8.40	8.40	16.74
5100	7.44	7.44	7.44	7.44	7.44	13.96
5400	6.63	6.63	6.63	6.63	6.63	11.76
5700	5.95	5.95	5.95	5.95	5.95	10.00
6000	5.37	5.37	5.37	5.37	5.37	8.57
6300	4.87	4.87	4.87	4.87	4.87	7.40
6600	4.44	4.44	4.44	4.44	4.44	6.44
6900	4.06	4.06	4.06	4.06	4.06	5.64
7200	3.73	3.73	3.73	3.73	3.73	4.96
7500	3.44	3.44	3.44	3.44	3.44	4.39
7800	3.18	3.18	3.18	3.18	3.18	3.90
8100	2.95	2.95	2.95	2.95	2.95	3.48
8400	2.74	2.74	2.74	2.74	2.74	3.12
8700	2.56	2.56	2.56	2.56	2.56	2.81
9000	2.39	2.39	2.39	2.39	2.39	2.54
9300	2.24	2.24	2.24	2.24	2.24	2.30
9600	2.10	2.10	2.10	2.10	2.10	2.09
9900	1.97	1.97	1.97	1.97	1.97	1.91
10200	1.86	1.86	1.86	1.86	1.86	1.74
10500	1.75	1.75	1.75	1.75	1.75	1.60
10800	1.66	1.66	1.66	1.66	1.66	1.47
11100	1.57	1.57	1.57	1.57	1.57	1.35
11400	1.49	1.49	1.49	1.49	1.49	1.25
11700	1.41	1.41	1.41	1.41	1.41	1.16
12000	1.34	1.34	1.34	1.34	1.34	1.07
12300	1.28	1.28	1.28	1.28	1.28	0.99
12600	1.22	1.22	1.22	1.22	1.22	0.93
12900	1.16	1.16	1.16	1.16	1.16	0.86
13200	1.11	1.11	1.11	1.11	1.11	0.81
13500	1.06	1.06	1.06	1.06	1.06	0.75
13800	1.02	1.02	1.02	1.02	1.02	0.70
14100	0.97	0.97	0.97	0.97	0.97	0.66
14400	0.93	0.93	0.93	0.93	0.93	0.62
14700	0.90	0.90	0.90	0.90	0.90	0.58
15000	0.86	0.86	0.86	0.86	0.86	0.55
15300	0.83	0.83	0.83	0.83	0.83	0.52
15600	0.79	0.79	0.79	0.79	0.79	0.49
15900	0.77	0.77	0.77	0.77	0.77	0.46
16200	0.74	0.74	0.74	0.74	0.74	0.44
16500	0.71	0.71	0.71	0.71	0.71	0.41
16800	0.69	0.69	0.69	0.69	0.69	0.39
17100	0.66	0.66	0.66	0.66	0.66	0.37
17400	0.64	0.64	0.64	0.64	0.64	0.35
17700	0.62	0.62	0.62	0.62	0.62	0.33
18000	0.60	0.60	0.60	0.60	0.60	0.32



NOTES:

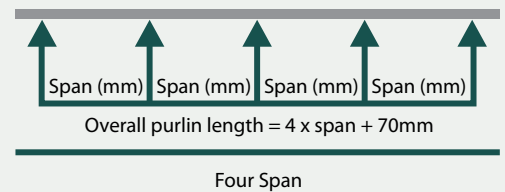
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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PURLINS & GIRTS - FOUR SPAN

Table F300-Four Spans for Z/C300 Sections - Limit state capacity (kN/m)						
SECTION	30024					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
4500	12.99	12.99	12.99	12.99	12.99	34.86
4800	11.42	11.42	11.42	11.42	11.42	28.72
5100	10.12	10.12	10.12	10.12	10.12	23.95
5400	9.02	9.02	9.02	9.02	9.02	20.17
5700	8.10	8.10	8.10	8.10	8.10	17.15
6000	7.31	7.31	7.31	7.31	7.31	14.71
6300	6.63	6.63	6.63	6.63	6.63	12.70
6600	6.04	6.04	6.04	6.04	6.04	11.05
6900	5.53	5.53	5.53	5.53	5.53	9.67
7200	5.08	5.08	5.08	5.08	5.08	8.51
7500	4.68	4.68	4.68	4.68	4.68	7.53
7800	4.32	4.32	4.32	4.32	4.32	6.69
8100	4.01	4.01	4.01	4.01	4.01	5.98
8400	3.73	3.73	3.73	3.73	3.73	5.36
8700	3.48	3.48	3.48	3.48	3.48	4.82
9000	3.25	3.25	3.25	3.25	3.25	4.36
9300	3.04	3.04	3.04	3.04	3.04	3.95
9600	2.85	2.85	2.85	2.85	2.85	3.59
9900	2.68	2.68	2.68	2.68	2.68	3.27
10200	2.53	2.53	2.53	2.53	2.53	2.99
10500	2.39	2.39	2.39	2.39	2.39	2.74
10800	2.26	2.26	2.26	2.26	2.26	2.52
11100	2.14	2.14	2.14	2.14	2.14	2.32
11400	2.02	2.02	2.02	2.02	2.02	2.14
11700	1.92	1.92	1.92	1.92	1.92	1.98
12000	1.83	1.83	1.83	1.83	1.83	1.84
12300	1.74	1.74	1.74	1.74	1.74	1.71
12600	1.66	1.66	1.66	1.66	1.66	1.59
12900	1.58	1.58	1.58	1.58	1.58	1.48
13200	1.51	1.51	1.51	1.51	1.51	1.38
13500	1.44	1.44	1.44	1.44	1.44	1.29
13800	1.38	1.38	1.38	1.38	1.38	1.21
14100	1.32	1.32	1.32	1.32	1.32	1.13
14400	1.27	1.27	1.27	1.27	1.27	1.06
14700	1.22	1.22	1.22	1.22	1.22	1.00
15000	1.17	1.17	1.17	1.17	1.17	0.94
15300	1.12	1.12	1.12	1.12	1.12	0.89
15600	1.08	1.08	1.08	1.08	1.08	0.84
15900	1.04	1.04	1.04	1.04	1.04	0.79
16200	1.00	1.00	1.00	1.00	1.00	0.75
16500	0.97	0.97	0.97	0.97	0.97	0.71
16800	0.93	0.93	0.93	0.93	0.93	0.67
17100	0.90	0.90	0.90	0.90	0.90	0.64
17400	0.87	0.87	0.87	0.87	0.87	0.60
17700	0.84	0.84	0.84	0.84	0.84	0.57
18000	0.81	0.81	0.81	0.81	0.81	0.54



NOTES:

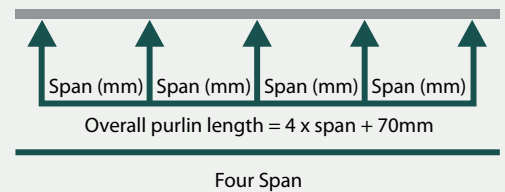
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
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PURLINS & GIRTS - FOUR SPAN

Table F300-Four Spans for Z/C300 Sections - Limit state capacity (kN/m)						
SECTION	30030					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
6000	10.48	10.34	10.48	10.48	10.48	18.98
6300	9.50	9.38	9.50	9.50	9.50	16.39
6600	8.66	8.55	8.66	8.66	8.66	14.26
6900	7.92	7.82	7.92	7.92	7.92	12.48
7200	7.28	7.18	7.28	7.28	7.28	10.98
7500	6.70	6.62	6.70	6.70	6.70	9.72
7800	6.20	6.12	6.20	6.20	6.20	8.64
8100	5.75	5.67	5.75	5.75	5.75	7.71
8400	5.34	5.28	5.34	5.34	5.34	6.92
8700	4.98	4.92	4.98	4.98	4.98	6.22
9000	4.66	4.60	4.66	4.66	4.66	5.62
9300	4.36	4.30	4.36	4.36	4.36	5.10
9600	4.09	4.04	4.09	4.09	4.09	4.63
9900	3.85	3.80	3.85	3.85	3.85	4.22
10200	3.62	3.58	3.62	3.62	3.62	3.86
10500	3.42	3.38	3.42	3.42	3.42	3.54
10800	3.23	3.19	3.23	3.23	3.23	3.25
11100	3.06	3.02	3.06	3.06	3.06	3.00
11400	2.90	2.86	2.90	2.90	2.90	2.77
11700	2.76	2.72	2.76	2.76	2.76	2.56
12000	2.62	2.59	2.62	2.62	2.62	2.37
12300	2.49	2.46	2.49	2.49	2.49	2.20
12600	2.38	2.34	2.38	2.38	2.38	2.05
12900	2.27	2.24	2.27	2.27	2.27	1.91
13200	2.16	2.14	2.16	2.16	2.16	1.78
13500	2.07	2.04	2.07	2.07	2.07	1.67
13800	1.98	1.95	1.98	1.98	1.98	1.56
14100	1.90	1.87	1.90	1.90	1.90	1.46
14400	1.82	1.80	1.82	1.82	1.82	1.37
14700	1.75	1.72	1.75	1.75	1.75	1.29
15000	1.68	1.65	1.68	1.68	1.68	1.21
15300	1.61	1.59	1.61	1.61	1.61	1.14
15600	1.55	1.53	1.55	1.55	1.55	1.08
15900	1.49	1.47	1.49	1.49	1.49	1.02
16200	1.44	1.42	1.44	1.44	1.44	0.96
16500	1.39	1.37	1.39	1.39	1.39	0.91
16800	1.34	1.32	1.34	1.34	1.34	0.86
17100	1.29	1.27	1.29	1.29	1.29	0.82
17400	1.25	1.23	1.25	1.25	1.25	0.78
17700	1.20	1.19	1.20	1.20	1.20	0.74
18000	1.16	1.15	1.16	1.16	1.16	0.70



NOTES:

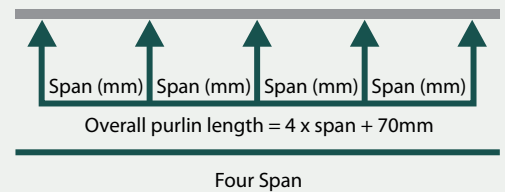
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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PURLINS & GIRTS - FOUR SPAN

Table F350-Four Spans for Z/C350 Sections - Limit state capacity (kN/m)						
SECTION	35030					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
6000	12.61	12.61	12.61	12.61	12.61	30.56
6300	11.44	11.44	11.44	11.44	11.44	26.40
6600	10.42	10.42	10.42	10.42	10.42	22.96
6900	9.53	9.53	9.53	9.53	9.53	20.09
7200	8.76	8.76	8.76	8.76	8.76	17.68
7500	8.07	8.07	8.07	8.07	8.07	15.65
7800	7.46	7.46	7.46	7.46	7.46	13.91
8100	6.92	6.92	6.92	6.92	6.92	12.42
8400	6.43	6.43	6.43	6.43	6.43	11.14
8700	6.00	6.00	6.00	6.00	6.00	10.02
9000	5.60	5.60	5.60	5.60	5.60	9.05
9300	5.25	5.25	5.25	5.25	5.25	8.21
9600	4.93	4.93	4.93	4.93	4.93	7.46
9900	4.63	4.63	4.63	4.63	4.63	6.80
10200	4.36	4.36	4.36	4.36	4.36	6.22
10500	4.12	4.12	4.12	4.12	4.12	5.70
10800	3.89	3.89	3.89	3.89	3.89	5.24
11100	3.68	3.68	3.68	3.68	3.68	4.83
11400	3.49	3.49	3.49	3.49	3.49	4.45
11700	3.32	3.32	3.32	3.32	3.32	4.12
12000	3.15	3.15	3.15	3.15	3.15	3.82
12300	3.00	3.00	3.00	3.00	3.00	3.55
12600	2.86	2.86	2.86	2.86	2.86	3.30
12900	2.73	2.73	2.73	2.73	2.73	3.07
13200	2.61	2.61	2.61	2.61	2.61	2.87
13500	2.49	2.49	2.49	2.49	2.49	2.68
13800	2.38	2.38	2.38	2.38	2.38	2.51
14100	2.28	2.28	2.28	2.28	2.28	2.35
14400	2.19	2.19	2.19	2.19	2.19	2.21
14700	2.10	2.10	2.10	2.10	2.10	2.08
15000	2.02	2.02	2.02	2.02	2.02	1.96
15300	1.94	1.94	1.94	1.94	1.94	1.84
15600	1.87	1.87	1.87	1.87	1.87	1.74
15900	1.80	1.80	1.80	1.80	1.80	1.64
16200	1.73	1.73	1.73	1.73	1.73	1.55
16500	1.67	1.67	1.67	1.67	1.67	1.47
16800	1.61	1.61	1.61	1.61	1.61	1.39
17100	1.55	1.55	1.55	1.55	1.55	1.32
17400	1.50	1.50	1.50	1.50	1.50	1.25
17700	1.45	1.45	1.45	1.45	1.45	1.19
18000	1.40	1.40	1.40	1.40	1.40	1.13



NOTES:

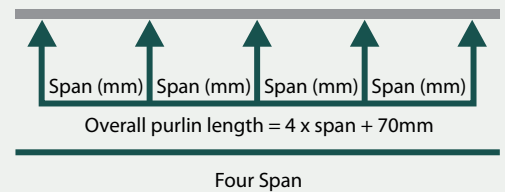
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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PURLINS & GIRTS - FOUR SPAN

Table F350-Four Spans for Z/C350 Sections - Limit state capacity (kN/m)						
SECTION	35024					Def
LOADING	Inward	Outward				
BRIDGING	0,1,2,3	0	1	2	3	
6000	8.89	8.89	8.89	8.89	8.89	23.86
6300	8.06	8.06	8.06	8.06	8.06	20.61
6600	7.35	7.35	7.35	7.35	7.35	17.92
6900	6.72	6.72	6.72	6.72	6.72	15.69
7200	6.17	6.17	6.17	6.17	6.17	13.81
7500	5.69	5.69	5.69	5.69	5.69	12.22
7800	5.26	5.26	5.26	5.26	5.26	10.86
8100	4.88	4.88	4.88	4.88	4.88	9.70
8400	4.53	4.53	4.53	4.53	4.53	8.69
8700	4.23	4.23	4.23	4.23	4.23	7.83
9000	3.95	3.95	3.95	3.95	3.95	7.07
9300	3.70	3.70	3.70	3.70	3.70	6.41
9600	3.47	3.47	3.47	3.47	3.47	5.82
9900	3.26	3.26	3.26	3.26	3.26	5.31
10200	3.08	3.08	3.08	3.08	3.08	4.86
10500	2.90	2.90	2.90	2.90	2.90	4.45
10800	2.74	2.74	2.74	2.74	2.74	4.09
11100	2.60	2.60	2.60	2.60	2.60	3.77
11400	2.46	2.46	2.46	2.46	2.46	3.48
11700	2.34	2.34	2.34	2.34	2.34	3.22
12000	2.22	2.22	2.22	2.22	2.22	2.98
12300	2.12	2.12	2.12	2.12	2.12	2.77
12600	2.02	2.02	2.02	2.02	2.02	2.58
12900	1.92	1.92	1.92	1.92	1.92	2.40
13200	1.84	1.84	1.84	1.84	1.84	2.24
13500	1.76	1.76	1.76	1.76	1.76	2.09
13800	1.68	1.68	1.68	1.68	1.68	1.96
14100	1.61	1.61	1.61	1.61	1.61	1.84
14400	1.54	1.54	1.54	1.54	1.54	1.73
14700	1.48	1.48	1.48	1.48	1.48	1.62
15000	1.42	1.42	1.42	1.42	1.42	1.53
15300	1.37	1.37	1.37	1.37	1.37	1.44
15600	1.31	1.31	1.31	1.31	1.31	1.36
15900	1.27	1.27	1.27	1.27	1.27	1.28
16200	1.22	1.22	1.22	1.22	1.22	1.21
16500	1.18	1.18	1.18	1.18	1.18	1.15
16800	1.13	1.13	1.13	1.13	1.13	1.09
17100	1.09	1.09	1.09	1.09	1.09	1.03
17400	1.06	1.06	1.06	1.06	1.06	0.98
17700	1.02	1.02	1.02	1.02	1.02	0.93
18000	0.99	0.99	0.99	0.99	0.99	0.88



NOTES:

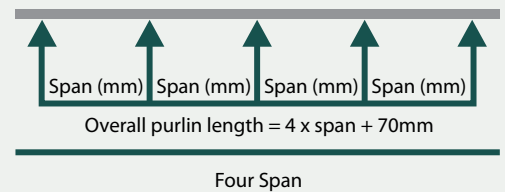
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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PURLINS & GIRTS - FOUR SPAN

Table F400-Four Spans for Z/C400 Sections - Limit state capacity (kN/m)						
SECTION	40024					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
6000	9.95	9.95	9.95	9.95	9.95	32.74
6300	9.02	9.02	9.02	9.02	9.02	28.28
6600	8.22	8.22	8.22	8.22	8.22	24.60
6900	7.52	7.52	7.52	7.52	7.52	21.53
7200	6.91	6.91	6.91	6.91	6.91	18.95
7500	6.37	6.37	6.37	6.37	6.37	16.76
7800	5.89	5.89	5.89	5.89	5.89	14.90
8100	5.46	5.46	5.46	5.46	5.46	13.31
8400	5.07	5.07	5.07	5.07	5.07	11.93
8700	4.73	4.73	4.73	4.73	4.73	10.74
9000	4.42	4.42	4.42	4.42	4.42	9.70
9300	4.14	4.14	4.14	4.14	4.14	8.79
9600	3.89	3.89	3.89	3.89	3.89	7.99
9900	3.65	3.65	3.65	3.65	3.65	7.29
10200	3.44	3.44	3.44	3.44	3.44	6.66
10500	3.25	3.25	3.25	3.25	3.25	6.11
10800	3.07	3.07	3.07	3.07	3.07	5.61
11100	2.91	2.91	2.91	2.91	2.91	5.17
11400	2.76	2.76	2.76	2.76	2.76	4.77
11700	2.62	2.62	2.62	2.62	2.62	4.42
12000	2.49	2.49	2.49	2.49	2.49	4.09
12300	2.37	2.37	2.37	2.37	2.37	3.80
12600	2.26	2.26	2.26	2.26	2.26	3.54
12900	2.15	2.15	2.15	2.15	2.15	3.29
13200	2.06	2.06	2.06	2.06	2.06	3.07
13500	1.96	1.96	1.96	1.96	1.96	2.87
13800	1.88	1.88	1.88	1.88	1.88	2.69
14100	1.80	1.80	1.80	1.80	1.80	2.52
14400	1.73	1.73	1.73	1.73	1.73	2.37
14700	1.66	1.66	1.66	1.66	1.66	2.23
15000	1.59	1.59	1.59	1.59	1.59	2.10
15300	1.53	1.53	1.53	1.53	1.53	1.97
15600	1.47	1.47	1.47	1.47	1.47	1.86
15900	1.42	1.42	1.42	1.42	1.42	1.76
16200	1.36	1.36	1.36	1.36	1.36	1.66
16500	1.32	1.32	1.32	1.32	1.32	1.57
16800	1.27	1.27	1.27	1.27	1.27	1.49
17100	1.22	1.22	1.22	1.22	1.22	1.41
17400	1.18	1.18	1.18	1.18	1.18	1.34
17700	1.14	1.14	1.14	1.14	1.14	1.28
18000	1.11	1.11	1.11	1.11	1.11	1.21



NOTES:

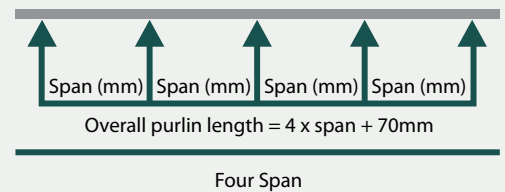
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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PURLINS & GIRTS - FOUR SPAN

Table F400-Four Spans for Z/C400 Sections - Limit state capacity (kN/m)						
SECTION	40030					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
6000	14.91	14.91	14.91	14.91	14.91	22.49
6300	13.53	13.53	13.53	13.53	13.53	19.43
6600	12.32	12.32	12.32	12.32	12.32	16.90
6900	11.28	11.28	11.28	11.28	11.28	14.79
7200	10.36	10.36	10.36	10.36	10.36	13.02
7500	9.54	9.54	9.54	9.54	9.54	11.52
7800	8.82	8.82	8.82	8.82	8.82	10.24
8100	8.18	8.18	8.18	8.18	8.18	9.14
8400	7.61	7.61	7.61	7.61	7.61	8.20
8700	7.09	7.09	7.09	7.09	7.09	7.38
9000	6.63	6.63	6.63	6.63	6.63	6.66
9300	6.21	6.21	6.21	6.21	6.21	6.04
9600	5.82	5.82	5.82	5.82	5.82	5.49
9900	5.48	5.48	5.48	5.48	5.48	5.01
10200	5.16	5.16	5.16	5.16	5.16	4.58
10500	4.87	4.87	4.87	4.87	4.87	4.20
10800	4.60	4.60	4.60	4.60	4.60	3.86
11100	4.36	4.36	4.36	4.36	4.36	3.55
11400	4.13	4.13	4.13	4.13	4.13	3.28
11700	3.92	3.92	3.92	3.92	3.92	3.03
12000	3.73	3.73	3.73	3.73	3.73	2.81
12300	3.55	3.55	3.55	3.55	3.55	2.61
12600	3.38	3.38	3.38	3.38	3.38	2.43
12900	3.23	3.23	3.23	3.23	3.23	2.26
13200	3.08	3.08	3.08	3.08	3.08	2.11
13500	2.95	2.95	2.95	2.95	2.95	1.97
13800	2.82	2.82	2.82	2.82	2.82	1.85
14100	2.70	2.70	2.70	2.70	2.70	1.73
14400	2.59	2.59	2.59	2.59	2.59	1.63
14700	2.48	2.48	2.48	2.48	2.48	1.53
15000	2.39	2.39	2.39	2.39	2.39	1.44
15300	2.29	2.29	2.29	2.29	2.29	1.36
15600	2.21	2.21	2.21	2.21	2.21	1.28
15900	2.12	2.12	2.12	2.12	2.12	1.21
16200	2.05	2.05	2.05	2.05	2.05	1.14
16500	1.97	1.97	1.97	1.97	1.97	1.08
16800	1.90	1.90	1.90	1.90	1.90	1.02
17100	1.84	1.84	1.84	1.84	1.84	0.97
17400	1.77	1.77	1.77	1.77	1.77	0.92
17700	1.71	1.71	1.71	1.71	1.71	0.88
18000	1.66	1.66	1.66	1.66	1.66	0.83



NOTES:

- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 3.0 mm BMT Grade AS1397/G450 Z350 - $F_y = 450 \text{ Mpa}$
- The loads have been based on the use of approved Metroll sections & bridging systems.
- The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).
- IN = Inward load capacity.
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