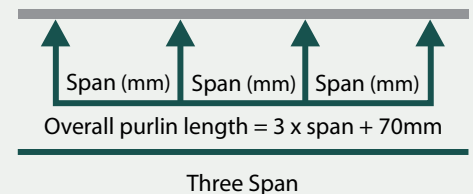


PURLINS & GIRTS - THREE SPAN

Table T100-Triple 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	4.41	4.41	4.41	4.41	4.41	6.71
2400	3.37	3.37	3.37	3.37	3.37	4.49
2700	2.67	2.67	2.67	2.67	2.67	3.15
3000	2.16	2.16	2.16	2.16	2.16	2.30
3300	1.78	1.78	1.78	1.78	1.78	1.73
3600	1.50	1.50	1.50	1.50	1.50	1.33
3900	1.28	1.28	1.28	1.28	1.28	1.05
4200	1.10	1.10	1.10	1.10	1.10	0.84
4500	0.96	0.96	0.96	0.96	0.96	0.68
4800	0.84	0.84	0.84	0.84	0.84	0.56
5100	0.75	0.75	0.75	0.75	0.75	0.47
5400	0.67	0.67	0.67	0.67	0.67	0.39
5700	0.60	0.60	0.60	0.60	0.60	0.34
6000	0.54	0.54	0.54	0.54	0.54	0.29

Table T100-Triple 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	5.86	5.86	5.86	5.86	5.86	8.30
2400	4.48	4.48	4.48	4.48	4.48	5.56
2700	3.54	3.54	3.54	3.54	3.54	3.91
3000	2.87	2.87	2.87	2.87	2.87	2.85
3300	2.37	2.37	2.37	2.37	2.37	2.14
3600	1.99	1.99	1.99	1.99	1.99	1.65
3900	1.70	1.70	1.70	1.70	1.70	1.30
4200	1.46	1.46	1.46	1.46	1.46	1.04
4500	1.28	1.28	1.28	1.28	1.28	0.84
4800	1.12	1.12	1.12	1.12	1.12	0.70
5100	0.99	0.99	0.99	0.99	0.99	0.58
5400	0.89	0.89	0.89	0.89	0.89	0.49
5700	0.79	0.79	0.79	0.79	0.79	0.42
6000	0.72	0.72	0.72	0.72	0.72	0.36



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 $\text{SPAN}/150$

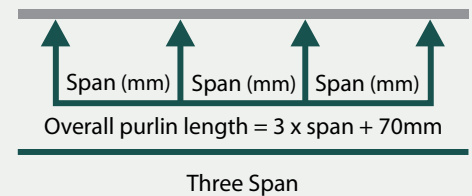
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PURLINS & GIRTS - THREE SPAN

Table T100-Triple 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	7.71	7.52	7.71	7.71	7.71	10.59
2400	5.91	5.76	5.91	5.91	5.91	7.10
2700	4.67	4.55	4.67	4.67	4.67	4.98
3000	3.78	3.68	3.78	3.78	3.78	3.63
3300	3.12	3.04	3.12	3.12	3.12	2.73
3600	2.63	2.56	2.63	2.63	2.63	2.10
3900	2.24	2.18	2.24	2.24	2.24	1.65
4200	1.93	1.88	1.93	1.93	1.93	1.32
4500	1.68	1.64	1.68	1.68	1.68	1.08
4800	1.48	1.44	1.48	1.48	1.48	0.89
5100	1.31	1.27	1.31	1.31	1.31	0.74
5400	1.17	1.14	1.17	1.17	1.17	0.62
5700	1.05	1.02	1.05	1.05	1.05	0.53
6000	0.95	0.92	0.95	0.95	0.95	0.45
6300	0.86	0.84	0.86	0.86	0.86	0.39
6600	0.78	0.76	0.78	0.78	0.78	0.34
6900	0.71	0.70	0.71	0.71	0.71	0.30
7200	0.66		0.66	0.66	0.66	0.26
7500	0.60		0.60	0.60	0.60	0.23

Table T100-Triple 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	10.44	9.42	10.44	10.44	10.44	13.27
2400	7.99	7.21	7.99	7.99	7.99	8.89
2700	6.32	5.70	6.32	6.32	6.32	6.24
3000	5.12	4.61	5.12	5.12	5.12	4.55
3300	4.23	3.81	4.23	4.23	4.23	3.42
3600	3.55	3.20	3.55	3.55	3.55	2.63
3900	3.03	2.73	3.03	3.03	3.03	2.07
4200	2.61	2.35	2.61	2.61	2.61	1.66
4500	2.27	2.05	2.27	2.27	2.27	1.35
4800	2.00	1.80	2.00	2.00	2.00	1.11
5100	1.77	1.60	1.77	1.77	1.77	0.93
5400	1.58	1.42	1.58	1.58	1.58	0.78
5700	1.42	1.28	1.42	1.42	1.42	0.66
6000	1.28	1.15	1.28	1.28	1.28	0.57
6300	1.16	1.05	1.16	1.16	1.16	0.49
6600	1.06	0.95	1.06	1.06	1.06	0.43
6900	0.97	0.87	0.97	0.97	0.97	0.37
7200	0.89	0.80	0.89	0.89	0.89	0.33
7500	0.82	0.74	0.82	0.82	0.82	0.29
7800	0.76		0.76	0.76	0.76	0.26
8100	0.70		0.70	0.70	0.70	0.23
8400	0.65			0.65	0.65	0.21
8700	0.61			0.61	0.61	0.19
9000	0.57				0.57	0.17



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

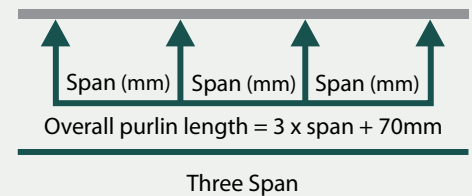
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PURLINS & GIRTS - THREE SPAN

Table T150-Triple Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15012					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	4.50	4.50	4.50	4.50	4.50	8.08
3300	3.72	3.72	3.72	3.72	3.72	6.07
3600	3.12	3.12	3.12	3.12	3.12	4.67
3900	2.66	2.66	2.66	2.66	2.66	3.68
4200	2.29	2.29	2.29	2.29	2.29	2.94
4500	2.00	2.00	2.00	2.00	2.00	2.39
4800	1.76	1.76	1.76	1.76	1.76	1.97
5100	1.56	1.56	1.56	1.56	1.56	1.64
5400	1.39	1.39	1.39	1.39	1.39	1.38
5700	1.25	1.25	1.25	1.25	1.25	1.18
6000	1.12	1.12	1.12	1.12	1.12	1.01
6300	1.02	1.02	1.02	1.02	1.02	0.87
6600	0.93	0.93	0.93	0.93	0.93	0.76
6900	0.85	0.85	0.85	0.85	0.85	0.66
7200	0.78	0.78	0.78	0.78	0.78	0.58
7500	0.72	0.72	0.72	0.72	0.72	0.52
7800	0.67	0.67	0.67	0.67	0.67	0.46
8100	0.62	0.62	0.62	0.62	0.62	0.41
8400	0.57	0.57	0.57	0.57	0.57	0.37

Table T150-Triple Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15015					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	6.63	6.63	6.63	6.63	6.63	10.56
3300	5.48	5.48	5.48	5.48	5.48	7.93
3600	4.60	4.60	4.60	4.60	4.60	6.11
3900	3.92	3.92	3.92	3.92	3.92	4.81
4200	3.38	3.38	3.38	3.38	3.38	3.85
4500	2.95	2.95	2.95	2.95	2.95	3.13
4800	2.59	2.59	2.59	2.59	2.59	2.58
5100	2.29	2.29	2.29	2.29	2.29	2.15
5400	2.05	2.05	2.05	2.05	2.05	1.81
5700	1.84	1.84	1.84	1.84	1.84	1.54
6000	1.66	1.66	1.66	1.66	1.66	1.32
6300	1.50	1.50	1.50	1.50	1.50	1.14
6600	1.37	1.37	1.37	1.37	1.37	0.99
6900	1.25	1.25	1.25	1.25	1.25	0.87
7200	1.15	1.15	1.15	1.15	1.15	0.76
7500	1.06	1.06	1.06	1.06	1.06	0.68
7800	0.98	0.98	0.98	0.98	0.98	0.60
8100	0.91	0.91	0.91	0.91	0.91	0.54
8400	0.85	0.85	0.85	0.85	0.85	0.48
8700	0.79	0.79	0.79	0.79	0.79	0.43
9000	0.74	0.74	0.74	0.74	0.74	0.39
9300	0.69	0.69	0.69	0.69	0.69	0.35
9600	0.65	0.65	0.65	0.65	0.65	0.32
9900	0.61	0.61	0.61	0.61	0.61	0.29
10200	0.57	0.57	0.57	0.57	0.57	0.27
10500	0.54	0.54	0.54	0.54	0.54	0.25



NOTES:

1. The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method

2. 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 - $F_y = 450 \text{ Mpa}$

3. The loads have been based on the use of approved Metroll sections & bridging systems.

4. The BOLD HORIZONTAL LINE marks where the overall length of the sections exceeds the normal delivery length (12000 mm nominal).

5. IN = Inward load capacity.
 OUT = outward load capacity.
 DEF. = Load required to give a deflection of SPAN/150

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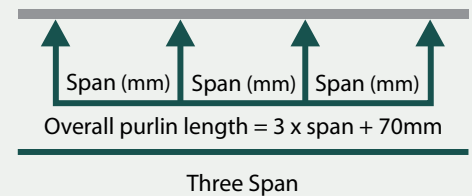
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Table T150-Triple Spans for Z/C150 Sections - Limit state capacity (kN/m)						
SECTION	15019					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	9.41	9.31	9.41	9.41	9.41	13.62
3300	7.78	7.69	7.78	7.78	7.78	10.23
3600	6.54	6.46	6.54	6.54	6.54	7.88
3900	5.57	5.51	5.57	5.57	5.57	6.20
4200	4.80	4.75	4.80	4.80	4.80	4.96
4500	4.18	4.14	4.18	4.18	4.18	4.03
4800	3.68	3.64	3.68	3.68	3.68	3.32
5100	3.26	3.22	3.26	3.26	3.26	2.77
5400	2.90	2.87	2.90	2.90	2.90	2.33
5700	2.61	2.58	2.61	2.61	2.61	1.99
6000	2.35	2.33	2.35	2.35	2.35	1.70
6300	2.13	2.11	2.13	2.13	2.13	1.47
6600	1.94	1.92	1.94	1.94	1.94	1.28
6900	1.78	1.76	1.78	1.78	1.78	1.12
7200	1.63	1.62	1.63	1.63	1.63	0.98
7500	1.51	1.49	1.51	1.51	1.51	0.87
7800	1.39	1.38	1.39	1.39	1.39	0.77
8100	1.29	1.28	1.29	1.29	1.29	0.69
8400	1.20	1.19	1.20	1.20	1.20	0.62
8700	1.12	1.11	1.12	1.12	1.12	0.56
9000	1.05	1.03	1.05	1.05	1.05	0.50
9300	0.98	0.97	0.98	0.98	0.98	0.46
9600	0.92	0.91	0.92	0.92	0.92	0.42
9900	0.86	0.85	0.86	0.86	0.86	0.38
10200	0.81	0.81	0.81	0.81	0.81	0.35
10500	0.77	0.76	0.77	0.77	0.77	0.32



NOTES:

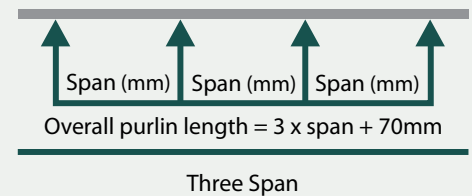
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4, 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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Table T150-Triple 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	
3000	12.80	11.63	12.80	12.80	12.80	17.12
3300	10.58	9.61	10.58	10.58	10.58	12.86
3600	8.89	8.08	8.89	8.89	8.89	9.91
3900	7.58	6.88	7.58	7.58	7.58	7.79
4200	6.53	5.93	6.53	6.53	6.53	6.24
4500	5.69	5.17	5.69	5.69	5.69	5.07
4800	5.00	4.54	5.00	5.00	5.00	4.18
5100	4.43	4.02	4.43	4.43	4.43	3.48
5400	3.95	3.59	3.95	3.95	3.95	2.94
5700	3.55	3.22	3.55	3.55	3.55	2.50
6000	3.20	2.91	3.20	3.20	3.20	2.14
6300	2.90	2.64	2.90	2.90	2.90	1.85
6600	2.65	2.40	2.65	2.65	2.65	1.61
6900	2.42	2.20	2.42	2.42	2.42	1.41
7200	2.22	2.02	2.22	2.22	2.22	1.24
7500	2.05	1.86	2.05	2.05	2.05	1.10
7800	1.89	1.72	1.89	1.89	1.89	0.97
8100	1.76	1.60	1.76	1.76	1.76	0.87
8400	1.63	1.48	1.63	1.63	1.63	0.78
8700	1.52	1.38	1.52	1.52	1.52	0.70
9000	1.42	1.29	1.42	1.42	1.42	0.63
9300	1.33	1.21	1.33	1.33	1.33	0.57
9600	1.25	1.14	1.25	1.25	1.25	0.52
9900	1.18	1.07	1.18	1.18	1.18	0.48
10200	1.11	1.01	1.11	1.11	1.11	0.44
10500	1.05	0.95	1.05	1.05	1.05	0.40
10800	0.99	0.90	0.99	0.99	0.99	0.37
11100	0.94	0.85	0.94	0.94	0.94	0.34
11400	0.89	0.81	0.89	0.89	0.89	0.31
11700	0.84	0.76	0.84	0.84	0.84	0.29
12000	0.80	0.73	0.80	0.80	0.80	0.27



NOTES:

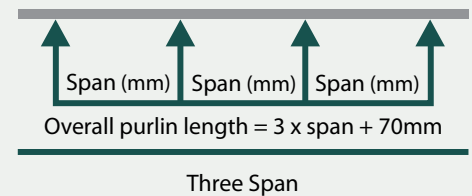
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T200-Triple 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	6.80	6.80	6.80	6.80	6.80	22.34
3300	5.62	5.62	5.62	5.62	5.62	16.78
3600	4.72	4.72	4.72	4.72	4.72	12.93
3900	4.02	4.02	4.02	4.02	4.02	10.17
4200	3.47	3.47	3.47	3.47	3.47	8.14
4500	3.02	3.02	3.02	3.02	3.02	6.62
4800	2.66	2.66	2.66	2.66	2.66	5.45
5100	2.35	2.35	2.35	2.35	2.35	4.55
5400	2.10	2.10	2.10	2.10	2.10	3.83
5700	1.88	1.88	1.88	1.88	1.88	3.26
6000	1.70	1.70	1.70	1.70	1.70	2.79
6300	1.54	1.54	1.54	1.54	1.54	2.41
6600	1.40	1.40	1.40	1.40	1.40	2.10
6900	1.28	1.28	1.28	1.28	1.28	1.84
7200	1.18	1.18	1.18	1.18	1.18	1.62
7500	1.09	1.09	1.09	1.09	1.09	1.43
7800	1.01	1.01	1.01	1.01	1.01	1.27
8100	0.93	0.93	0.93	0.93	0.93	1.13
8400	0.87	0.87	0.87	0.87	0.87	1.02
8700	0.81	0.81	0.81	0.81	0.81	0.92
9000	0.76	0.76	0.76	0.76	0.76	0.83
9300	0.71	0.71	0.71	0.71	0.71	0.75
9600	0.66	0.66	0.66	0.66	0.66	0.68
9900	0.62	0.62	0.62	0.62	0.62	0.62
10200	0.59	0.59	0.59	0.59	0.59	0.57
10500	0.55	0.55	0.55	0.55	0.55	0.52
10800	0.52	0.52	0.52	0.52	0.52	0.48



NOTES:

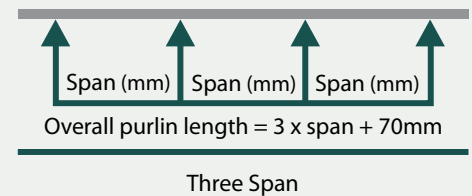
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T200-Triple Spans for Z/C200 Sections - Limit state capacity (kN/m)						
SECTION	20019					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
3000	11.84	11.84	11.84	11.84	11.84	29.85
3300	9.79	9.79	9.79	9.79	9.79	22.42
3600	8.22	8.22	8.22	8.22	8.22	17.27
3900	7.01	7.01	7.01	7.01	7.01	13.58
4200	6.04	6.04	6.04	6.04	6.04	10.88
4500	5.26	5.26	5.26	5.26	5.26	8.84
4800	4.63	4.63	4.63	4.63	4.63	7.29
5100	4.10	4.10	4.10	4.10	4.10	6.07
5400	3.66	3.66	3.66	3.66	3.66	5.12
5700	3.28	3.28	3.28	3.28	3.28	4.35
6000	2.96	2.96	2.96	2.96	2.96	3.73
6300	2.69	2.69	2.69	2.69	2.69	3.22
6600	2.45	2.45	2.45	2.45	2.45	2.80
6900	2.24	2.24	2.24	2.24	2.24	2.45
7200	2.06	2.06	2.06	2.06	2.06	2.16
7500	1.89	1.89	1.89	1.89	1.89	1.91
7800	1.75	1.75	1.75	1.75	1.75	1.70
8100	1.62	1.62	1.62	1.62	1.62	1.52
8400	1.51	1.51	1.51	1.51	1.51	1.36
8700	1.41	1.41	1.41	1.41	1.41	1.22
9000	1.32	1.32	1.32	1.32	1.32	1.11
9300	1.23	1.23	1.23	1.23	1.23	1.00
9600	1.16	1.16	1.16	1.16	1.16	0.91
9900	1.09	1.09	1.09	1.09	1.09	0.83
10200	1.02	1.02	1.02	1.02	1.02	0.76
10500	0.97	0.97	0.97	0.97	0.97	0.70
10800	0.91	0.91	0.91	0.91	0.91	0.64
11100	0.87	0.87	0.87	0.87	0.87	0.59
11400	0.82	0.82	0.82	0.82	0.82	0.54
11700	0.78	0.78	0.78	0.78	0.78	0.50
12000	0.74	0.74	0.74	0.74	0.74	0.47



NOTES:

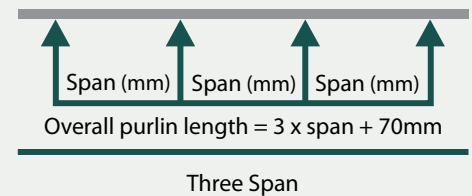
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T200-Triple 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	
3600	13.97	13.68	13.97	13.97	13.97	22.32
3900	11.90	11.66	11.90	11.90	11.90	17.55
4200	10.26	10.05	10.26	10.26	10.26	14.05
4500	8.94	8.75	8.94	8.94	8.94	11.43
4800	7.86	7.69	7.86	7.86	7.86	9.42
5100	6.96	6.82	6.96	6.96	6.96	7.85
5400	6.21	6.08	6.21	6.21	6.21	6.61
5700	5.57	5.46	5.57	5.57	5.57	5.62
6000	5.03	4.92	5.03	5.03	5.03	4.82
6300	4.56	4.47	4.56	4.56	4.56	4.16
6600	4.16	4.07	4.16	4.16	4.16	3.62
6900	3.80	3.72	3.80	3.80	3.80	3.17
7200	3.49	3.42	3.49	3.49	3.49	2.79
7500	3.22	3.15	3.22	3.22	3.22	2.47
7800	2.98	2.91	2.98	2.98	2.98	2.19
8100	2.76	2.70	2.76	2.76	2.76	1.96
8400	2.57	2.51	2.57	2.57	2.57	1.76
8700	2.39	2.34	2.39	2.39	2.39	1.58
9000	2.24	2.19	2.24	2.24	2.24	1.43
9300	2.09	2.05	2.09	2.09	2.09	1.29
9600	1.96	1.92	1.96	1.96	1.96	1.18
9900	1.85	1.81	1.85	1.85	1.85	1.07
10200	1.74	1.70	1.74	1.74	1.74	0.98
10500	1.64	1.61	1.64	1.64	1.64	0.90
10800	1.55	1.52	1.55	1.55	1.55	0.83
11100	1.47	1.44	1.47	1.47	1.47	0.76
11400	1.39	1.36	1.39	1.39	1.39	0.70
11700	1.32	1.30	1.32	1.32	1.32	0.65
12000	1.26	1.23	1.26	1.26	1.26	0.60



NOTES:

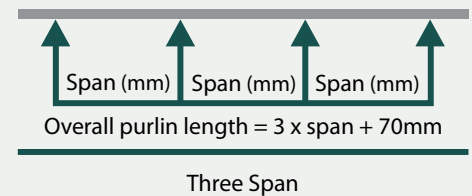
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T250-Triple 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	
3600	11.95	11.95	11.95	11.95	11.95	29.20
3900	10.18	10.18	10.18	10.18	10.18	22.97
4200	8.78	8.78	8.78	8.78	8.78	18.39
4500	7.65	7.65	7.65	7.65	7.65	14.95
4800	6.72	6.72	6.72	6.72	6.72	12.32
5100	5.95	5.95	5.95	5.95	5.95	10.27
5400	5.31	5.31	5.31	5.31	5.31	8.65
5700	4.77	4.77	4.77	4.77	4.77	7.36
6000	4.30	4.30	4.30	4.30	4.30	6.31
6300	3.90	3.90	3.90	3.90	3.90	5.45
6600	3.55	3.55	3.55	3.55	3.55	4.74
6900	3.25	3.25	3.25	3.25	3.25	4.15
7200	2.99	2.99	2.99	2.99	2.99	3.65
7500	2.75	2.75	2.75	2.75	2.75	3.23
7800	2.55	2.55	2.55	2.55	2.55	2.87
8100	2.36	2.36	2.36	2.36	2.36	2.56
8400	2.19	2.19	2.19	2.19	2.19	2.30
8700	2.05	2.05	2.05	2.05	2.05	2.07
9000	1.91	1.91	1.91	1.91	1.91	1.87
9300	1.79	1.79	1.79	1.79	1.79	1.69
9600	1.68	1.68	1.68	1.68	1.68	1.54
9900	1.58	1.58	1.58	1.58	1.58	1.40
10200	1.49	1.49	1.49	1.49	1.49	1.28
10500	1.40	1.40	1.40	1.40	1.40	1.18
10800	1.33	1.33	1.33	1.33	1.33	1.08
11100	1.26	1.26	1.26	1.26	1.26	1.00
11400	1.19	1.19	1.19	1.19	1.19	0.92
11700	1.13	1.13	1.13	1.13	1.13	0.85
12000	1.08	1.08	1.08	1.08	1.08	0.79



NOTES:

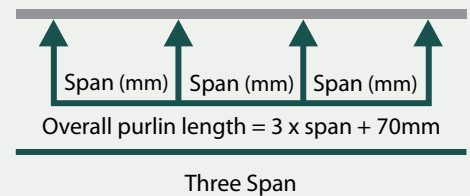
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T250-Triple 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	
3600	18.06	18.06	18.06	18.06	18.06	37.76
3900	15.39	15.39	15.39	15.39	15.39	29.70
4200	13.27	13.27	13.27	13.27	13.27	23.78
4500	11.56	11.56	11.56	11.56	11.56	19.33
4800	10.16	10.16	10.16	10.16	10.16	15.93
5100	9.00	9.00	9.00	9.00	9.00	13.28
5400	8.03	8.03	8.03	8.03	8.03	11.19
5700	7.20	7.20	7.20	7.20	7.20	9.51
6000	6.50	6.50	6.50	6.50	6.50	8.16
6300	5.90	5.90	5.90	5.90	5.90	7.04
6600	5.37	5.37	5.37	5.37	5.37	6.13
6900	4.92	4.92	4.92	4.92	4.92	5.36
7200	4.52	4.52	4.52	4.52	4.52	4.72
7500	4.16	4.16	4.16	4.16	4.16	4.18
7800	3.85	3.85	3.85	3.85	3.85	3.71
8100	3.57	3.57	3.57	3.57	3.57	3.31
8400	3.32	3.32	3.32	3.32	3.32	2.97
8700	3.09	3.09	3.09	3.09	3.09	2.68
9000	2.89	2.89	2.89	2.89	2.89	2.42
9300	2.71	2.71	2.71	2.71	2.71	2.19
9600	2.54	2.54	2.54	2.54	2.54	1.99
9900	2.39	2.39	2.39	2.39	2.39	1.82
10200	2.25	2.25	2.25	2.25	2.25	1.66
10500	2.12	2.12	2.12	2.12	2.12	1.52
10800	2.01	2.01	2.01	2.01	2.01	1.40
11100	1.90	1.90	1.90	1.90	1.90	1.29
11400	1.80	1.80	1.80	1.80	1.80	1.19
11700	1.71	1.71	1.71	1.71	1.71	1.10
12000	1.63	1.63	1.63	1.63	1.63	1.02



NOTES:

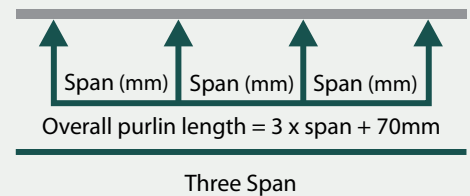
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PURLINS & GIRTS - THREE SPAN

Table T300-Triple 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	15.72	15.72	15.72	15.72	15.72	33.16
4800	13.82	13.82	13.82	13.82	13.82	27.33
5100	12.24	12.24	12.24	12.24	12.24	22.78
5400	10.92	10.92	10.92	10.92	10.92	19.19
5700	9.80	9.80	9.80	9.80	9.80	16.32
6000	8.84	8.84	8.84	8.84	8.84	13.99
6300	8.02	8.02	8.02	8.02	8.02	12.09
6600	7.31	7.31	7.31	7.31	7.31	10.51
6900	6.69	6.69	6.69	6.69	6.69	9.20
7200	6.14	6.14	6.14	6.14	6.14	8.10
7500	5.66	5.66	5.66	5.66	5.66	7.16
7800	5.23	5.23	5.23	5.23	5.23	6.37
8100	4.85	4.85	4.85	4.85	4.85	5.69
8400	4.51	4.51	4.51	4.51	4.51	5.10
8700	4.21	4.21	4.21	4.21	4.21	4.59
9000	3.93	3.93	3.93	3.93	3.93	4.15
9300	3.68	3.68	3.68	3.68	3.68	3.76
9600	3.45	3.45	3.45	3.45	3.45	3.42
9900	3.25	3.25	3.25	3.25	3.25	3.11
10200	3.06	3.06	3.06	3.06	3.06	2.85
10500	2.89	2.89	2.89	2.89	2.89	2.61
10800	2.73	2.73	2.73	2.73	2.73	2.40
11100	2.58	2.58	2.58	2.58	2.58	2.21
11400	2.45	2.45	2.45	2.45	2.45	2.04
11700	2.33	2.33	2.33	2.33	2.33	1.89
12000	2.21	2.21	2.21	2.21	2.21	1.75
12300	2.10	2.10	2.10	2.10	2.10	1.62
12600	2.01	2.01	2.01	2.01	2.01	1.51
12900	1.91	1.91	1.91	1.91	1.91	1.41
13200	1.83	1.83	1.83	1.83	1.83	1.31
13500	1.75	1.75	1.75	1.75	1.75	1.23
13800	1.67	1.67	1.67	1.67	1.67	1.15
14100	1.60	1.60	1.60	1.60	1.60	1.08
14400	1.54	1.54	1.54	1.54	1.54	1.01
14700	1.47	1.47	1.47	1.47	1.47	0.95
15000	1.41	1.41	1.41	1.41	1.41	0.90
15300	1.36	1.36	1.36	1.36	1.36	0.84
15600	1.31	1.31	1.31	1.31	1.31	0.80
15900	1.26	1.26	1.26	1.26	1.26	0.75
16200	1.21	1.21	1.21	1.21	1.21	0.71
16500	1.17	1.17	1.17	1.17	1.17	0.67
16800	1.13	1.13	1.13	1.13	1.13	0.64
17100	1.09	1.09	1.09	1.09	1.09	0.60
17400	1.05	1.05	1.05	1.05	1.05	0.57
17700	1.02	1.02	1.02	1.02	1.02	0.54
18000	0.98	0.98	0.98	0.98	0.98	0.52



NOTES:

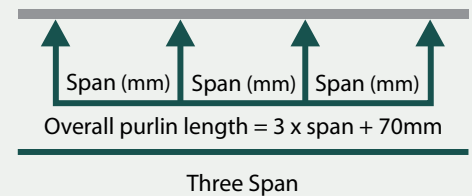
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PURLINS & GIRTS - THREE SPAN

Table T300-Triple 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	12.68	12.51	12.68	12.68	12.68	18.05
6300	11.50	11.35	11.50	11.50	11.50	15.60
6600	10.48	10.34	10.48	10.48	10.48	13.56
6900	9.59	9.46	9.59	9.59	9.59	11.87
7200	8.80	8.69	8.80	8.80	8.80	10.45
7500	8.11	8.01	8.11	8.11	8.11	9.24
7800	7.50	7.40	7.50	7.50	7.50	8.22
8100	6.96	6.87	6.96	6.96	6.96	7.34
8400	6.47	6.38	6.47	6.47	6.47	6.58
8700	6.03	5.95	6.03	6.03	6.03	5.92
9000	5.63	5.56	5.63	5.63	5.63	5.35
9300	5.28	5.21	5.28	5.28	5.28	4.85
9600	4.95	4.89	4.95	4.95	4.95	4.41
9900	4.66	4.60	4.66	4.66	4.66	4.02
10200	4.39	4.33	4.39	4.39	4.39	3.67
10500	4.14	4.09	4.14	4.14	4.14	3.37
10800	3.91	3.86	3.91	3.91	3.91	3.10
11100	3.70	3.66	3.70	3.70	3.70	2.85
11400	3.51	3.47	3.51	3.51	3.51	2.63
11700	3.33	3.29	3.33	3.33	3.33	2.43
12000	3.17	3.13	3.17	3.17	3.17	2.26
12300	3.02	2.98	3.02	3.02	3.02	2.10
12600	2.87	2.84	2.87	2.87	2.87	1.95
12900	2.74	2.71	2.74	2.74	2.74	1.82
13200	2.62	2.59	2.62	2.62	2.62	1.70
13500	2.50	2.47	2.50	2.50	2.50	1.58
13800	2.40	2.37	2.40	2.40	2.40	1.48
14100	2.30	2.27	2.30	2.30	2.30	1.39
14400	2.20	2.17	2.20	2.20	2.20	1.31
14700	2.11	2.08	2.11	2.11	2.11	1.23
15000	2.03	2.00	2.03	2.03	2.03	1.16
15300	1.95	1.92	1.95	1.95	1.95	1.09
15600	1.88	1.85	1.88	1.88	1.88	1.03
15900	1.81	1.78	1.81	1.81	1.81	0.97
16200	1.74	1.72	1.74	1.74	1.74	0.92
16500	1.68	1.65	1.68	1.68	1.68	0.87
16800	1.62	1.60	1.62	1.62	1.62	0.82
17100	1.56	1.54	1.56	1.56	1.56	0.78
17400	1.51	1.49	1.51	1.51	1.51	0.74
17700	1.46	1.44	1.46	1.46	1.46	0.70
18000	1.41	1.39	1.41	1.41	1.41	0.67



NOTES:

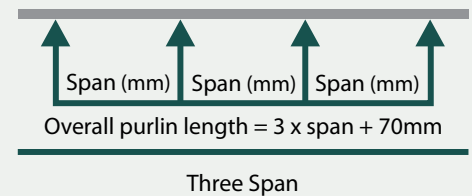
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T350-Triple 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	15.26	15.26	15.26	15.26	15.26	29.07
6300	13.84	13.84	13.84	13.84	13.84	25.11
6600	12.61	12.61	12.61	12.61	12.61	21.84
6900	11.54	11.54	11.54	11.54	11.54	19.11
7200	10.59	10.59	10.59	10.59	10.59	16.82
7500	9.76	9.76	9.76	9.76	9.76	14.88
7800	9.03	9.03	9.03	9.03	9.03	13.23
8100	8.37	8.37	8.37	8.37	8.37	11.82
8400	7.78	7.78	7.78	7.78	7.78	10.59
8700	7.26	7.26	7.26	7.26	7.26	9.54
9000	6.78	6.78	6.78	6.78	6.78	8.61
9300	6.35	6.35	6.35	6.35	6.35	7.81
9600	5.96	5.96	5.96	5.96	5.96	7.10
9900	5.60	5.60	5.60	5.60	5.60	6.47
10200	5.28	5.28	5.28	5.28	5.28	5.92
10500	4.98	4.98	4.98	4.98	4.98	5.42
10800	4.71	4.71	4.71	4.71	4.71	4.98
11100	4.46	4.46	4.46	4.46	4.46	4.59
11400	4.23	4.23	4.23	4.23	4.23	4.24
11700	4.01	4.01	4.01	4.01	4.01	3.92
12000	3.81	3.81	3.81	3.81	3.81	3.63
12300	3.63	3.63	3.63	3.63	3.63	3.37
12600	3.46	3.46	3.46	3.46	3.46	3.14
12900	3.30	3.30	3.30	3.30	3.30	2.93
13200	3.15	3.15	3.15	3.15	3.15	2.73
13500	3.01	3.01	3.01	3.01	3.01	2.55
13800	2.88	2.88	2.88	2.88	2.88	2.39
14100	2.76	2.76	2.76	2.76	2.76	2.24
14400	2.65	2.65	2.65	2.65	2.65	2.10
14700	2.54	2.54	2.54	2.54	2.54	1.98
15000	2.44	2.44	2.44	2.44	2.44	1.86
15300	2.35	2.35	2.35	2.35	2.35	1.75
15600	2.26	2.26	2.26	2.26	2.26	1.65
15900	2.17	2.17	2.17	2.17	2.17	1.56
16200	2.09	2.09	2.09	2.09	2.09	1.48
16500	2.02	2.02	2.02	2.02	2.02	1.40
16800	1.95	1.95	1.95	1.95	1.95	1.32
17100	1.88	1.88	1.88	1.88	1.88	1.26
17400	1.81	1.81	1.81	1.81	1.81	1.19
17700	1.75	1.75	1.75	1.75	1.75	1.13
18000	1.70	1.70	1.70	1.70	1.70	1.08



NOTES:

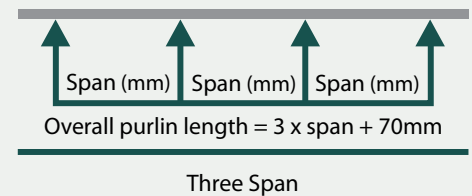
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T350-Triple Spans for Z/C350 Sections - Limit state capacity (kN/m)						
SECTION	35024					
LOADING	Inward	Outward				Def
BRIDGING	0,1,2,3	0	1	2	3	
6000	9.25	9.25	9.25	9.25	9.25	22.61
6300	8.39	8.39	8.39	8.39	8.39	19.53
6600	7.65	7.65	7.65	7.65	7.65	16.99
6900	7.00	7.00	7.00	7.00	7.00	14.87
7200	6.43	6.43	6.43	6.43	6.43	13.09
7500	5.92	5.92	5.92	5.92	5.92	11.58
7800	5.48	5.48	5.48	5.48	5.48	10.29
8100	5.08	5.08	5.08	5.08	5.08	9.19
8400	4.72	4.72	4.72	4.72	4.72	8.24
8700	4.40	4.40	4.40	4.40	4.40	7.42
9000	4.11	4.11	4.11	4.11	4.11	6.70
9300	3.85	3.85	3.85	3.85	3.85	6.07
9600	3.61	3.61	3.61	3.61	3.61	5.52
9900	3.40	3.40	3.40	3.40	3.40	5.03
10200	3.20	3.20	3.20	3.20	3.20	4.60
10500	3.02	3.02	3.02	3.02	3.02	4.22
10800	2.86	2.86	2.86	2.86	2.86	3.88
11100	2.70	2.70	2.70	2.70	2.70	3.57
11400	2.56	2.56	2.56	2.56	2.56	3.30
11700	2.43	2.43	2.43	2.43	2.43	3.05
12000	2.31	2.31	2.31	2.31	2.31	2.83
12300	2.20	2.20	2.20	2.20	2.20	2.62
12600	2.10	2.10	2.10	2.10	2.10	2.44
12900	2.00	2.00	2.00	2.00	2.00	2.28
13200	1.91	1.91	1.91	1.91	1.91	2.12
13500	1.83	1.83	1.83	1.83	1.83	1.99
13800	1.75	1.75	1.75	1.75	1.75	1.86
14100	1.68	1.68	1.68	1.68	1.68	1.74
14400	1.61	1.61	1.61	1.61	1.61	1.64
14700	1.54	1.54	1.54	1.54	1.54	1.54
15000	1.48	1.48	1.48	1.48	1.48	1.45
15300	1.42	1.42	1.42	1.42	1.42	1.36
15600	1.37	1.37	1.37	1.37	1.37	1.29
15900	1.32	1.32	1.32	1.32	1.32	1.22
16200	1.27	1.27	1.27	1.27	1.27	1.15
16500	1.22	1.22	1.22	1.22	1.22	1.09
16800	1.18	1.18	1.18	1.18	1.18	1.03
17100	1.14	1.14	1.14	1.14	1.14	0.98
17400	1.10	1.10	1.10	1.10	1.10	0.93
17700	1.06	1.06	1.06	1.06	1.06	0.88
18000	1.03	1.03	1.03	1.03	1.03	0.84



NOTES:

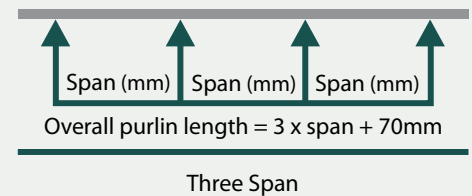
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T400-Triple 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	10.30	10.30	10.30	10.30	10.30	31.04
6300	9.34	9.34	9.34	9.34	9.34	26.81
6600	8.51	8.51	8.51	8.51	8.51	23.32
6900	7.79	7.79	7.79	7.79	7.79	20.41
7200	7.15	7.15	7.15	7.15	7.15	17.96
7500	6.59	6.59	6.59	6.59	6.59	15.89
7800	6.09	6.09	6.09	6.09	6.09	14.13
8100	5.65	5.65	5.65	5.65	5.65	12.61
8400	5.25	5.25	5.25	5.25	5.25	11.31
8700	4.90	4.90	4.90	4.90	4.90	10.18
9000	4.58	4.58	4.58	4.58	4.58	9.20
9300	4.29	4.29	4.29	4.29	4.29	8.33
9600	4.02	4.02	4.02	4.02	4.02	7.58
9900	3.78	3.78	3.78	3.78	3.78	6.91
10200	3.56	3.56	3.56	3.56	3.56	6.32
10500	3.36	3.36	3.36	3.36	3.36	5.79
10800	3.18	3.18	3.18	3.18	3.18	5.32
11100	3.01	3.01	3.01	3.01	3.01	4.90
11400	2.85	2.85	2.85	2.85	2.85	4.52
11700	2.71	2.71	2.71	2.71	2.71	4.19
12000	2.57	2.57	2.57	2.57	2.57	3.88
12300	2.45	2.45	2.45	2.45	2.45	3.60
12600	2.33	2.33	2.33	2.33	2.33	3.35
12900	2.23	2.23	2.23	2.23	2.23	3.12
13200	2.13	2.13	2.13	2.13	2.13	2.91
13500	2.03	2.03	2.03	2.03	2.03	2.72
13800	1.95	1.95	1.95	1.95	1.95	2.55
14100	1.86	1.86	1.86	1.86	1.86	2.39
14400	1.79	1.79	1.79	1.79	1.79	2.25
14700	1.72	1.72	1.72	1.72	1.72	2.11
15000	1.65	1.65	1.65	1.65	1.65	1.99
15300	1.58	1.58	1.58	1.58	1.58	1.87
15600	1.52	1.52	1.52	1.52	1.52	1.77
15900	1.47	1.47	1.47	1.47	1.47	1.67
16200	1.41	1.41	1.41	1.41	1.41	1.58
16500	1.36	1.36	1.36	1.36	1.36	1.49
16800	1.31	1.31	1.31	1.31	1.31	1.41
17100	1.27	1.27	1.27	1.27	1.27	1.34
17400	1.22	1.22	1.22	1.22	1.22	1.27
17700	1.18	1.18	1.18	1.18	1.18	1.21
18000	1.14	1.14	1.14	1.14	1.14	1.15



NOTES:

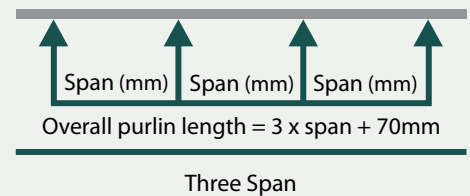
- The loads have been based on the Standard AS/NZS 4600:1996 using Limit State method
- Following values of F_y considered for calculating the ultimate loads
 - 1.0 mm BMT Grade AS1397/G550 Z350 - $F_y = 550 \text{ Mpa}$
 - 1.2 mm BMT Grade AS1397/G500 Z350 - $F_y = 500 \text{ Mpa}$
 - 1.5, 1.9, 2.4,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

Table T400-Triple Spans for Z/C400 Sections - Limit state capacity (kN/m)						
SECTION	40030					Def
LOADING	Inward	Outward			BRIDGING	
	0,1,2,3	0	1	2		
6000	15.67	15.67	15.67	15.67	15.67	39.98
6300	14.22	14.22	14.22	14.22	14.22	34.54
6600	12.95	12.95	12.95	12.95	12.95	30.04
6900	11.85	11.85	11.85	11.85	11.85	26.29
7200	10.89	10.89	10.89	10.89	10.89	23.14
7500	10.03	10.03	10.03	10.03	10.03	20.47
7800	9.27	9.27	9.27	9.27	9.27	18.20
8100	8.60	8.60	8.60	8.60	8.60	16.25
8400	8.00	8.00	8.00	8.00	8.00	14.57
8700	7.46	7.46	7.46	7.46	7.46	13.12
9000	6.97	6.97	6.97	6.97	6.97	11.85
9300	6.52	6.52	6.52	6.52	6.52	10.74
9600	6.12	6.12	6.12	6.12	6.12	9.76
9900	5.76	5.76	5.76	5.76	5.76	8.90
10200	5.42	5.42	5.42	5.42	5.42	8.14
10500	5.12	5.12	5.12	5.12	5.12	7.46
10800	4.84	4.84	4.84	4.84	4.84	6.86
11100	4.58	4.58	4.58	4.58	4.58	6.31
11400	4.34	4.34	4.34	4.34	4.34	5.83
11700	4.12	4.12	4.12	4.12	4.12	5.39
12000	3.92	3.92	3.92	3.92	3.92	5.00
12300	3.73	3.73	3.73	3.73	3.73	4.64
12600	3.55	3.55	3.55	3.55	3.55	4.32
12900	3.39	3.39	3.39	3.39	3.39	4.02
13200	3.24	3.24	3.24	3.24	3.24	3.76
13500	3.10	3.10	3.10	3.10	3.10	3.51
13800	2.96	2.96	2.96	2.96	2.96	3.29
14100	2.84	2.84	2.84	2.84	2.84	3.08
14400	2.72	2.72	2.72	2.72	2.72	2.89
14700	2.61	2.61	2.61	2.61	2.61	2.72
15000	2.51	2.51	2.51	2.51	2.51	2.56
15300	2.41	2.41	2.41	2.41	2.41	2.41
15600	2.32	2.32	2.32	2.32	2.32	2.27
15900	2.23	2.23	2.23	2.23	2.23	2.15
16200	2.15	2.15	2.15	2.15	2.15	2.03
16500	2.07	2.07	2.07	2.07	2.07	1.92
16800	2.00	2.00	2.00	2.00	2.00	1.82
17100	1.93	1.93	1.93	1.93	1.93	1.73
17400	1.86	1.86	1.86	1.86	1.86	1.64
17700	1.80	1.80	1.80	1.80	1.80	1.56
18000	1.74	1.74	1.74	1.74	1.74	1.48
18300	1.68	1.68	1.68	1.68	1.68	1.41
18600	1.63	1.63	1.63	1.63	1.63	1.34
18900	1.58	1.58	1.58	1.58	1.58	1.28
19200	1.53	1.53	1.53	1.53	1.53	1.22
19500	1.48	1.48	1.48	1.48	1.48	1.16
19800	1.44	1.44	1.44	1.44	1.44	1.11
20100	1.40	1.40	1.40	1.40	1.40	1.06
20400	1.36	1.36	1.36	1.36	1.36	1.02
20700	1.32	1.32	1.32	1.32	1.32	0.97
21000	1.28	1.28	1.28	1.28	1.28	0.93
21300	1.24	1.24	1.24	1.24	1.24	0.89
21600	1.21	1.21	1.21	1.21	1.21	0.86
21900	1.18	1.18	1.18	1.18	1.18	0.82
22200	1.14	1.14	1.14	1.14	1.14	0.79
22500	1.11	1.11	1.11	1.11	1.11	0.76
22800	1.09	1.09	1.09	1.09	1.09	0.73
23100	1.06	1.06	1.06	1.06	1.06	0.70
23400	1.03	1.03	1.03	1.03	1.03	0.67
23700	1.00	1.00	1.00	1.00	1.00	0.65
24000	0.98	0.98	0.98	0.98	0.98	0.62
24300	0.96	0.96	0.96	0.96	0.96	0.60
24600	0.93	0.93	0.93	0.93	0.93	0.58
24900	0.91	0.91	0.91	0.91	0.91	0.56



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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