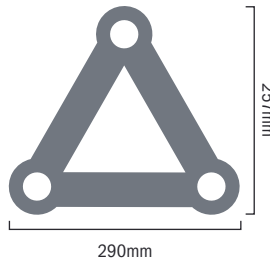


## F33 PL Circle Segments

- Wall thickness: 3mm
- Tube diameter: 50mm
- Produced according to:  
EN 1090-1:2009 + A1:2011  
EN 1090-3



### Circle Segments

Order codes:  
 GL3350 - 2.0m Circle 90°  
 GL3355 - 3.0m Circle 90°  
 GL3360 - 4.0m Circle 90°  
 GL3365 - 5.0m Circle 45°

### Loading table

| Span<br>m | Uniform<br>distribution load | Deflection | Center<br>point load | Deflection | Point load in<br>third-point | Deflection | Point load in<br>quarter-point | Deflection | Point load in<br>fifth-point | Deflection |
|-----------|------------------------------|------------|----------------------|------------|------------------------------|------------|--------------------------------|------------|------------------------------|------------|
|           | kg / m                       | cm         | kg                   | cm         | kg                           | cm         | kg                             | cm         | kg                           | cm         |
| 4,00      | 246,00                       | 1,30       | 461,00               | 0,98       | 333,00                       | 1,20       | 238,00                         | 1,20       | 193,00                       | 1,24       |
| 5,00      | 156,00                       | 2,04       | 371,00               | 1,56       | 270,00                       | 1,93       | 191,00                         | 1,90       | 155,00                       | 1,97       |
| 6,00      | 108,00                       | 2,95       | 308,00               | 2,28       | 226,00                       | 2,82       | 158,00                         | 2,75       | 129,00                       | 2,86       |
| 7,00      | 78,00                        | 4,03       | 263,00               | 3,15       | 193,00                       | 3,89       | 134,00                         | 3,77       | 110,00                       | 3,93       |
| 8,00      | 59,00                        | 5,28       | 227,00               | 4,16       | 168,00                       | 5,14       | 116,00                         | 4,95       | 95,00                        | 5,17       |
| 9,00      | 46,00                        | 6,70       | 199,00               | 5,32       | 148,00                       | 6,57       | 101,00                         | 6,30       | 84,00                        | 6,59       |
| 10,00     | 36,00                        | 8,29       | 176,00               | 6,64       | 131,00                       | 8,18       | 89,00                          | 7,82       | 74,00                        | 8,18       |
| 11,00     | 29,00                        | 10,05      | 157,00               | 8,12       | 117,00                       | 9,98       | 80,00                          | 9,51       | 66,00                        | 9,96       |
| 12,00     | 24,00                        | 12,00      | 140,00               | 9,77       | 105,00                       | 11,98      | 71,00                          | 11,38      | 59,00                        | 11,91      |
| 13,00     | 20,00                        | 14,12      | 126,00               | 11,60      | 95,00                        | 14,17      | 64,00                          | 13,42      | 53,00                        | 14,06      |
| 14,00     | 17,00                        | 16,43      | 113,00               | 13,62      | 86,00                        | 16,57      | 57,00                          | 15,65      | 48,00                        | 16,39      |
| 15,00     | 14,00                        | 18,92      | 102,00               | 15,83      | 78,00                        | 19,18      | 52,00                          | 18,07      | 43,00                        | 18,92      |
| 16,00     | 12,00                        | 21,60      | 92,00                | 18,24      | 70,00                        | 21,97      | 46,00                          | 20,68      | 39,00                        | 21,65      |
| 17,00     | 10,00                        | 24,48      | 83,00                | 20,86      | 63,00                        | 24,87      | 42,00                          | 23,49      | 35,00                        | 24,58      |
| 18,00     | 8,00                         | 27,55      | 75,00                | 23,71      | 57,00                        | 27,96      | 38,00                          | 26,51      | 32,00                        | 27,71      |

Technical changes and errors reserved