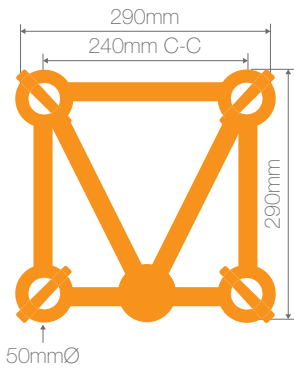


F35 5 Chord Truss



TECHNICAL SPECIFICATIONS

| PRODUCT CODE | |
|-------------------------|-------------------------------------|
| Chord Material | EN AW 6082 T6 |
| Bracing Material | EN AW 6082 T6 |
| End Socket Material | EN AW 6082 T6 |
| Conical Spigot Material | EN AW 2011 |
| Steel Pin Material | 8.8 Grade |
| Chord Dimension | 50mmØ x 4mm |
| Bracing Dimension | 20mmØ x 2mm |
| Connectors Included | 4 x Conical Spigots, Pins & R-Clips |

LINEAR

| PRODUCT CODE | |
|--------------|---|
| GT F35L050 | F35 0.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L100 | F35 1.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L150 | F35 1.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L200 | F35 2.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L250 | F35 2.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L300 | F35 3.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L350 | F35 3.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L400 | F35 4.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L450 | F35 4.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |
| GT F35L500 | F35 5.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips |

Custom lengths can be manufactured to order.

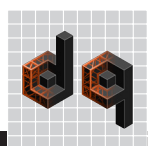
LOAD TABLE (Bottom Centre Chord ≤ 1:100 Deflection)*

| SPAN (m) | UDL (kg/m) | CPL (kg) | THIRD POINT | FOURTH POINT | FIFTH POINT |
|----------|------------|----------|-------------|--------------|-------------|
| 4.0 | 511 | 800 | 800 | 681 | 511 |
| 5.0 | 407 | 800 | 800 | 678 | 508 |
| 6.0 | 337 | 800 | 800 | 653 | 506 |
| 7.0 | 288 | 800 | 737 | 562 | 446 |
| 8.0 | 250 | 800 | 656 | 493 | 393 |
| 9.0 | 202 | 800 | 589 | 437 | 350 |
| 10.0 | 162 | 745 | 533 | 391 | 314 |
| 11.0 | 126 | 674 | 485 | 353 | 284 |
| 12.0 | 94 | 614 | 416 | 298 | 234 |
| 13.0 | 72 | 561 | 343 | 246 | 193 |
| 14.0 | 55 | 484 | 284 | 204 | 160 |
| 15.0 | 43 | 402 | 236 | 169 | 133 |
| 16.0 | 33 | 334 | 196 | 141 | 110 |
| 17.0 | 26 | 276 | 162 | 116 | 91 |
| 18.0 | 20 | 227 | 133 | 95 | 75 |
| 19.0 | 15 | 184 | 108 | 77 | 61 |
| 20.0 | 12 | 146 | 86 | 61 | 48 |

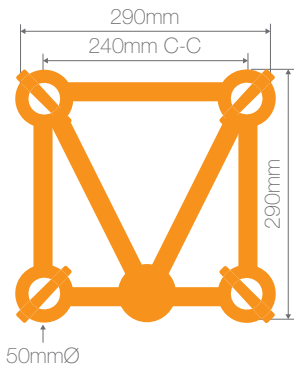
*Bottom Centre Chord Loading Only with Acceptable Deflection ≤ 1 : 100 (i.e. standard acceptable truss deflection for general use applications)

Load tables indicate load capacities only and need to be considered in the context of complete engineering certification available at dq.com.au

Full engineering report available upon request.



F35 5 Chord Truss



LOAD TABLE (Bottom Centre Chord $\leq 1:300$ Deflection)**

| SPAN (m) | UDL (kg/m) | CPL (kg) | THIRD POINT | FOURTH POINT | FIFTH POINT |
|----------|------------|----------|-------------|--------------|-------------|
| 4.0 | 511 | 800 | 800 | 681 | 511 |
| 5.0 | 407 | 800 | 800 | 625 | 491 |
| 6.0 | 270 | 800 | 595 | 427 | 335 |
| 7.0 | 166 | 726 | 426 | 306 | 240 |
| 8.0 | 108 | 538 | 316 | 226 | 178 |
| 9.0 | 72 | 406 | 239 | 171 | 134 |
| 10.0 | 50 | 310 | 182 | 131 | 103 |
| 11.0 | 35 | 237 | 139 | 100 | 79 |
| 12.0 | 24 | 180 | 106 | 76 | 60 |
| 13.0 | 17 | 134 | 79 | 57 | 44 |
| 14.0 | 11 | 97 | 57 | 41 | 32 |
| 15.0 | 7 | 65 | 38 | 27 | 21 |
| 16.0 | 4 | 37 | 22 | 16 | 12 |

**Bottom Centre Chord Loading Only with Acceptable Deflection $\leq 1 : 300$ (i.e. very low deflection if critical for suspension of LED screen applications)

Load tables indicate load capacities only and need to be considered in the context of complete engineering certification available at dq.com.au

Full engineering report available upon request.

LOAD TABLE (Bottom Outer Chords $\leq 1:100$ Deflection)***

| SPAN (m) | UDL (kg/m) | CPL (kg) | THIRD POINT | FOURTH POINT | FIFTH POINT |
|----------|------------|----------|-------------|--------------|-------------|
| 4.0 | 511 | 1,694 | 1,021 | 681 | 511 |
| 5.0 | 407 | 1,416 | 960 | 678 | 508 |
| 6.0 | 337 | 1,210 | 836 | 653 | 506 |
| 7.0 | 288 | 1,053 | 737 | 562 | 446 |
| 8.0 | 250 | 929 | 656 | 493 | 393 |
| 9.0 | 202 | 828 | 589 | 437 | 350 |
| 10.0 | 162 | 745 | 533 | 391 | 314 |
| 11.0 | 126 | 674 | 485 | 353 | 284 |
| 12.0 | 94 | 614 | 416 | 298 | 234 |
| 13.0 | 72 | 561 | 343 | 246 | 193 |
| 14.0 | 55 | 484 | 284 | 204 | 160 |
| 15.0 | 43 | 402 | 236 | 169 | 133 |
| 16.0 | 33 | 334 | 196 | 141 | 110 |
| 17.0 | 26 | 276 | 162 | 116 | 91 |
| 18.0 | 20 | 227 | 133 | 95 | 75 |
| 19.0 | 15 | 184 | 108 | 77 | 61 |
| 20.0 | 12 | 146 | 86 | 61 | 48 |

***Bottom Outer Chords Loading with Acceptable Deflection $\leq 1 : 100$ (i.e. standard acceptable truss deflection for general use applications)

Load tables indicate load capacities only and need to be considered in the context of complete engineering certification available at dq.com.au

Full engineering report available upon request.

