

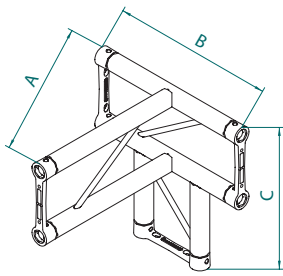
| Description | Specification |
|--------------------------------------|---|
| External dimensions (height x width) | 291 mm x 50 mm |
| Distance between axis | 239 mm |
| Lenghtways tubes | Extruded alluminium EN AW 6082 T6 - Ø50x2mm |
| Crossways tubes | Extruded alluminium EN AW 6082 T6 - Ø18x2mm |
| Connecting plate | Cast alluminium EN AC 42200 T6 |
| Welding process | TIG -141 / ISO 4063 |
| Available lenght (cm) | 10.5 - 21 - 25 - 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400 |
| Connection systems | FXFC - FXSM10 |

| Section Area | Moment of inertia Y - axis | Moment of inertia Z - axis | Selfweight (approx.) | | |
|--------------------|-------------------------------|-------------------------------|-------------------------|--|--|
| [mm ²] | [mm ⁴] | [mm ⁴] | [N/m] | | |
| 604 | 7.469.500 | 174.019 | 30 | | |

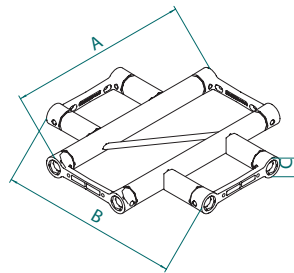
| Span [m] | Centre Point Load (C.P.L.) | | | Third Point Load (T.P.L.) | | | Quarter Point Load (Q.P.L.) | | | Fifth Point Load (F.P.L.) | | | Uniformly Distributed Load (U.D.L.) | | |
|-------------|-------------------------------|-------------------|----------------------------|------------------------------|-------------------|----------------------------|--------------------------------|-------------------|----------------------------|------------------------------|-------------------|----------------------------|--|-------------------|----------------------------|
| | Point Load [kg] | Full Load [kg] | Central Deflection [mm] | Point Load [kg] | Full Load [kg] | Central Deflection [mm] | Point Load [kg] | Full Load [kg] | Central Deflection [mm] | Point Load [kg] | Full Load [kg] | Central Deflection [mm] | Load [kg/m] | Full Load [kg] | Central Deflection [mm] |
| 1 | 1120 | 1120 | 0,38 | 585 | 1169 | 0,34 | 390 | 1169 | 0,31 | 292 | 1169 | 0,30 | 1170 | 1169 | 0,25 |
| 2 | 423 | 423 | 1,16 | 274 | 549 | 1,28 | 195 | 586 | 1,26 | 152 | 610 | 1,26 | 366 | 732 | 1,25 |
| 3 | 123 | 123 | 1,16 | 79 | 158 | 1,27 | 56 | 169 | 1,27 | 44 | 176 | 1,26 | 70 | 211 | 1,25 |
| 4 | 48 | 48 | 1,18 | 31 | 62 | 1,27 | 22 | 67 | 1,27 | 17 | 69 | 1,26 | 21 | 83 | 1,25 |
| 5 | 21 | 21 | 1,22 | 13 | 26 | 1,27 | 10 | 29 | 1,28 | 7 | 29 | 1,25 | 7 | 35 | 1,25 |
| 6 | 9 | 9 | 1,28 | 5 | 10 | 1,26 | 4 | 11 | 1,30 | 3 | 11 | 1,25 | 2 | 13 | 1,25 |

Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9).
 When calculating the allowable loads shown in the table, it is assumed that the trusses are simply supported at the end connection and that static loads will be applied to the node points.
 The application of the load shall be on the centre line of the truss.
 The values shown in the table are the allowable statics loads that can be applied to the truss. This is the live load or the payload.
 The self weight of the truss has been taken into account when calculating the values in the table.
 It should be noted that this is idealised loading condition and the User shall re-analyze the truss for the loading condition which prevail for the application begin considered.

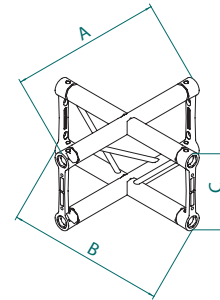
| | | |
|--------------------|--------------------|--------------------|
| | | |
| <p>FX30SL2060P</p> | <p>FX30SL2060V</p> | <p>FX30SL2090P</p> |
| | | |
| <p>FX30SL2090V</p> | <p>FX30SL2120P</p> | <p>FX30SL2120V</p> |
| | | |
| <p>FX30SL2135</p> | <p>FX30SL2135V</p> | <p>FX30SL3LP</p> |
| | | |
| <p>FX30SL3RP</p> | <p>FX30SL3LV</p> | <p>FX30SL3RV</p> |
| | | |
| <p>FX30ST3NP</p> | <p>FX30ST3NV</p> | <p>FX30ST4NP</p> |



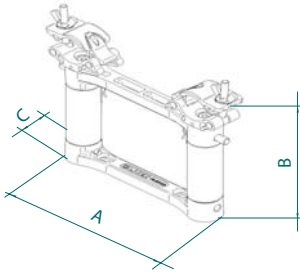
FX30ST4NV



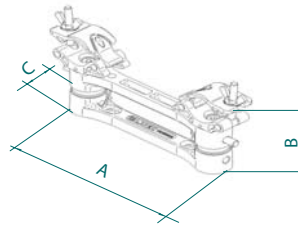
FX30X4NP



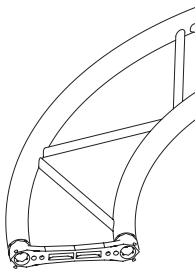
FX30SX4NV



FX30SACL



FX30SACS



FX30SFP



FX30SFV

CORNERS

| Code | Dimension A x B x C (cm) | Weight(Kg) |
|-------------|--------------------------|------------|
| FX30K2 | 29x5x5 | 1.30 |
| FX30K4 | 29x29x5 | 3.30 |
| FX30SL2060P | 50x50x5 | 3.80 |
| FX30SL2060V | 50x50x29 | 3.00 |
| FX30SL2090P | 50x50x5 | 2.50 |
| FX30SL2090V | 50x50x29 | 2.80 |
| FX30SL2120P | 50x50x5 | 2.60 |
| FX30SL2120V | 50x50x29 | 2.90 |
| FX30SL2135P | 50x50x5 | 2.70 |
| FX30SL2135V | 50x50x29 | 2.90 |
| FX30SL3LP | 50x50x50 | 3.80 |
| FX30SL3LV | 50x50x50 | 3.80 |
| FX30SL3RP | 50x50x50 | 3.80 |
| FX30SL3RV | 50x50x50 | 3.70 |
| FX30ST3NP | 50x50x5 | 2.90 |
| FX30ST3NV | 50x50x29 | 4.20 |
| FX30ST4NP | 50x50x50 | 3.00 |
| FX30ST4NV | 50x50x50 | 4.20 |
| FX30SX4NP | 50x50x5 | 3.40 |
| FX30SX4NV | 50x50x29 | 3.90 |
| FX30SACL | 29x21x5 | 2.40 |
| FX30SACS | 29x10.5x5 | 2.10 |

TRUSS

| Code | Dim. (cm) | Weight (Kg) |
|------------|-----------|-------------|
| FX30S010M5 | 29x5x10.5 | 1.30 |
| FX30S021 | 29x5x21 | 1.50 |
| FX30S025 | 29x5x25 | 1.60 |
| FX30S050 | 29x5x50 | 1.80 |
| FX30S100 | 29x5x100 | 2.70 |
| FX30S150 | 29x5x150 | 3.70 |
| FX30S200 | 29x5x200 | 4.70 |
| FX30S250 | 29x5x250 | 5.80 |
| FX30S300 | 29x5x300 | 6.70 |
| FX30S350 | 29x5x350 | 7.70 |
| FX30S400 | 29x5x400 | 8.70 |

RINGS

Curves, rings and ellipses are available on demand

Minimum diameter 2 m

Diameter measurement external

Weight per meter (aprox.) 3Kg