



**James Thomas
Engineering**

Evolution --- of Tradition ---



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OUR STORY

James Thomas Engineering was born in a small garage in Bishampton, England in 1977. From those humble beginnings, to a converted office unit, to a much larger 464.5 m² in 1980, the seeds were planted for a new industry leader in aluminum general purpose truss design.



By 1983, James Thomas developed a pre-rigged truss design used by major rock bands on world tours. Fast forward to 1990, James Thomas Engineering began manufacturing in the United States to keep truss design moving on both sides of the Atlantic Ocean. In 1992, the supertruss system was designed. With this new truss design, it proved that James Thomas Engineering was on the leading edge of aluminium and general purpose truss design. As the years passed, James Thomas Engineering continued to grow. As demand for supertruss systems grew, and with creation of newer products, the need for a new facility was created. In October of 2001, the office in the United States relocated to a new 9000 m² facility specifically built

on 25400 m². By growing with their demands, they continued to maintain the exceptional customer service Thomas clients have come to expect. As an industry leader in supertruss systems and general purpose aluminium truss design, James Thomas Engineering is committed to their mission statement: Innovation through design and excellence.

In 2014, James Thomas partnered with TOMCAT and Area Four Industries to be a part of the world's largest aluminium truss manufacturing group. With this collaboration, James Thomas Engineering continues to provide exceptional products and services the market expects.



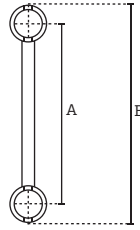




Conical Truss

JT22 DUO

- Compact display system
- Lightweight, modular construction
- Impressive free span parameters for its size
- Compatible with JTCELL 130 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available



| | | | |
|--------------|----|----|------------------------------|
| Code: | | | 2CM22 |
| Main Chords: | mm | in | 32x1.5 (1 1/4"x3/64") |
| Diagonals: | mm | in | 10x1.5 (25/64"x3/64") |
| Alloy: | | | EN - AW 6060 T66 |
| A | mm | in | 190 (7 15/32") |
| B | mm | in | 222 (8 47/64") |
| Coupler: | | | CCM |

Standard lengths and weights

| Code | 2CM22-L500 | 2CM22-L1000 | 2CM22-L1500 | 2CM22-L2000 | 2CM22-L2500 | 2CM22-L3000 | 2CM22-L4000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") |
| kg | 0.9 (1.87) | 1.7 (3.75) | 2.6 (5.62) | 3.4 (7.50) | 4.3 (9.37) | 5.1 (11.25) | 6.8 (14.99) |

Loading chart

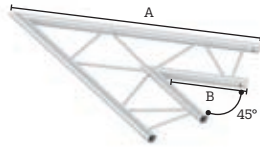
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|------|-------------------|------|------------------|------|--------------------|------|----------------|------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 1 | 259.9 | 0.2 | 252* | 0.3 | 129.9 | 0.2 | 86.6 | 0.2 | 65 | 0.2 |
| 2 | 129.4 | 1.5 | 181* | 1.6 | 111* | 1.7 | 84* | 1.8 | 64.7 | 1.8 |
| 3 | 85.9 | 4.9 | 138* | 4.2 | 90* | 4.7 | 70* | 5.1 | 58* | 5.3 |
| 4 | 64.2 | 11.6 | 111* | 8.1 | 75* | 9.3 | 60* | 10.3 | 48* | 10.5 |
| 5 | 40.8 | 18.2 | 91* | 13.1 | 63* | 15.5 | 49* | 16.6 | 39* | 16.9 |
| 6 | 28 | 26.2 | 77* | 19.4 | 55* | 23.4 | 41* | 24.2 | 33* | 24.9 |
| 7 | 20.3 | 35.8 | 66* | 27.1 | 47* | 32.7 | 35* | 33.4 | 28* | 34.3 |
| 8 | 15.3 | 46.8 | 58* | 36 | 42* | 43.7 | 30* | 43.8 | 25* | 45.4 |
| 9 | 11.9 | 59.3 | 51* | 46.3 | 37* | 56.6 | 26* | 55.6 | 22* | 58.1 |
| 10 | 9.4 | 73.4 | 45* | 57.6 | 33* | 70.8 | 23* | 69.5 | 19* | 71.9 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 3' 3" | 174.64 | 0" | 555.66* | 0" | 286.43 | 0" | 190.95 | 0" | 143.33 | 0" |
| 6' 7" | 86.95 | 3/64" | 399.11* | 1/16" | 244.76* | 1/16" | 185.22* | 1/16" | 142.66 | 1/16" |
| 9' 10" | 57.72 | 3/16" | 304.29* | 5/32" | 198.45* | 11/64" | 154.35* | 3/16" | 127.89* | 13/64" |
| 13' 1" | 43.14 | 29/64" | 244.76* | 5/16" | 165.38* | 23/64" | 132.30* | 25/64" | 105.84* | 13/32" |
| 16' 5" | 27.42 | 45/64" | 200.66* | 33/64" | 138.92* | 39/64" | 108.05* | 41/64" | 86.00* | 21/32" |
| 19' 8" | 18.82 | 11/32" | 169.79* | 3/4" | 121.28* | 29/32" | 90.41* | 15/16" | 72.77* | 31/32" |
| 22' 12" | 13.64 | 113/32" | 145.53* | 1 1/16" | 103.64* | 1 9/32" | 77.18* | 1 5/16" | 61.74* | 1 11/32" |
| 26' 3" | 10.28 | 1 53/64" | 127.89* | 1 13/32" | 92.61* | 1 23/32" | 66.15* | 1 23/32" | 55.13* | 1 25/32" |
| 29' 6" | 8.00 | 2 21/64" | 112.46* | 1 13/16" | 81.59* | 2 7/32" | 57.33* | 2 3/16" | 48.51* | 2 9/32" |
| 32' 10" | 6.32 | 2 7/8" | 99.23* | 2 17/64" | 72.77* | 2 25/32" | 50.72* | 2 47/64" | 41.90* | 2 53/64" |

DUO figures are based on use in vertical mode and stabilized every 1 m (3' 3")
 * limited by interaction of shear and moment at the connection

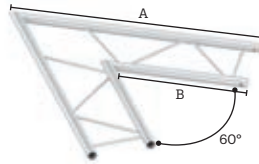
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



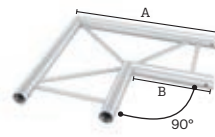
2 way horizontal corner 45°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH19 | 1.1 | (2.43) | A 800 | (31 31/64") |
| | | | B 264 | (10 25/64") |



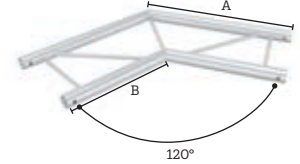
2 way horizontal corner 60°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH20 | 0.9 | (1.98) | A 600 | (23 39/64") |
| | | | B 215 | (8 29/64") |



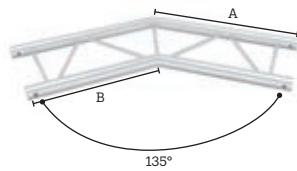
2 way horizontal corner 90°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH21 | 0.6 | (1.32) | A 400 | (15 47/64") |
| | | | B 178 | (7") |



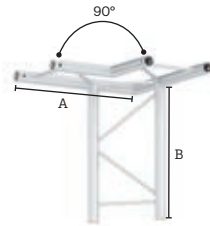
2 way horizontal corner 120°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH22 | 0.7 | (1.54) | A 400 | (15 47/64") |
| | | | B 272 | (10 45/64") |



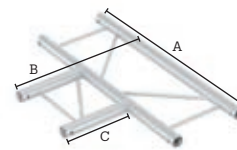
2 way horizontal corner 135°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH23 | 0.8 | (1.76) | A 400 | (15 47/64") |
| | | | B 308 | (12 1/8") |



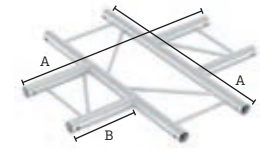
3 way horizontal corner 90° leg down

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH31 | 1.0 | (2.20) | A 400 | (15 47/64") |
| | | | B 368 | (14 31/64") |



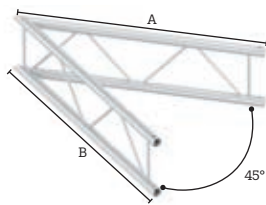
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JH35 | 0.9 | (1.98) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 178 | (7") |



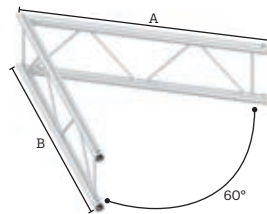
4 way horizontal cross piece

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-----------|
| 2CM22-JH41 | 1.1 | (2.43) | A 578 | (22 3/4") |
| | | | B 178 | (7 3/64") |



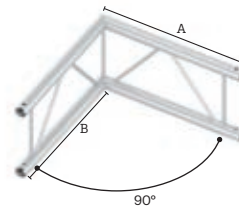
2 way vertical corner 45°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV19 | 1.5 | (3.31) | A 800 | (31 31/64") |
| | | | B 723 | (28 29/64") |



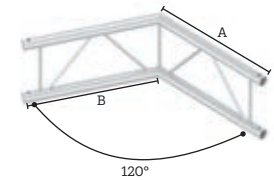
2 way vertical corner 60°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV20 | 1.2 | (2.65) | A 600 | (23 39/64") |
| | | | B 545 | (21 29/64") |



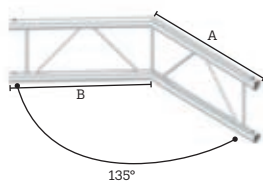
2 way vertical corner 90°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV21 | 0.8 | (1.76) | A 400 | (15 47/64") |
| | | | B 368 | (14 31/64") |



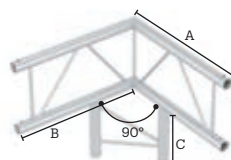
2 way vertical corner 120°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV22 | 0.8 | (1.76) | A 400 | (15 47/64") |
| | | | B 382 | (15 1/32") |



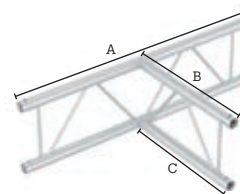
2 way vertical corner 135°

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV23 | 0.9 | (1.98) | A 400 | (15 47/64") |
| | | | B 387 | (15 15/64") |



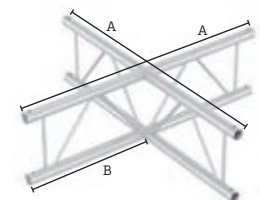
3 way vertical corner 90° leg down

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV31 | 1.1 | (2.43) | A 400 | (15 47/64") |
| | | | B 368 | (14 31/64") |
| | | | C 178 | (7") |



3 way vertical T-piece

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV36 | 1.0 | (2.20) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 368 | (14 31/64") |

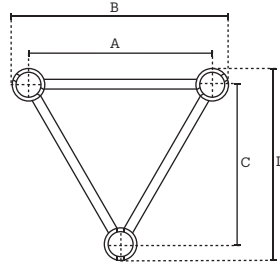


4 way vertical cross piece

| Code | kg | lbs | mm | in |
|------------|-----|--------|-------|-------------|
| 2CM22-JV41 | 1.2 | (2.65) | A 578 | (22 3/4") |
| | | | B 368 | (14 31/64") |

JT22 TRIO

- Compact display system
- Lightweight, modular construction
- Impressive free span parameters for its size
- Compatible with JTCELL 130 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available



| | | | |
|--------------|----|----|-----------------------|
| Code: | | | 3CM22 |
| Main Chords: | mm | in | 32x1.5 (1 1/4"x3/64") |
| Diagonals: | mm | in | 10x1.5 (25/64"x3/64") |
| Alloy: | | | EN - AW 6060 T66 |
| A | mm | in | 190 (7 15/32") |
| B | mm | in | 222 (8 47/64") |
| C | mm | in | 164 (6 29/64") |
| D | mm | in | 196 (7 45/64") |
| Coupler: | | | CCM |

Standard lengths and weights

| Code | 3CM22-L500 | 3CM22-L1000 | 3CM22-L1500 | 3CM22-L2000 | 3CM22-L2500 | 3CM22-L3000 | 3CM22-L4000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") |
| kg | 1.2 (2.54) | 2.3 (5.07) | 3.5 (7.61) | 4.6 (10.14) | 5.8 (12.68) | 6.9 (15.21) | 9.2 (20.29) |

Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|------|-------------------|------|------------------|------|--------------------|------|----------------|------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 1 | 450.1 | 0.3 | 315* | 0.3 | 194* | 0.4 | 146* | 0.4 | 112.5 | 0.4 |
| 2 | 224.2 | 2.5 | 193* | 1.7 | 131* | 2 | 104* | 2.2 | 83* | 2.2 |
| 3 | 98.8 | 5.6 | 136* | 4.2 | 96* | 5 | 72* | 5.2 | 58* | 5.3 |
| 4 | 54.8 | 10 | 103* | 7.6 | 75* | 9.4 | 54* | 9.4 | 44* | 9.7 |
| 5 | 34.5 | 15.7 | 83* | 12.3 | 61* | 15.1 | 42* | 14.7 | 35* | 15.4 |
| 6 | 23.4 | 22.7 | 68* | 18 | 50* | 22.1 | 35* | 21.4 | 29* | 22.4 |
| 7 | 16.7 | 30.9 | 57* | 24.7 | 43* | 30.7 | 29* | 29.3 | 24* | 30.6 |
| 8 | 12.4 | 40.5 | 48* | 32.7 | 36* | 40.6 | 25* | 38.4 | 20* | 40.5 |
| 9 | 9.4 | 51.5 | 42* | 42.3 | 32* | 52 | 21* | 48.9 | 18* | 51.4 |
| 10 | 7.3 | 63.8 | 36* | 52.9 | 27.4 | 64.9 | 18* | 60.8 | 15.2 | 64.2 |

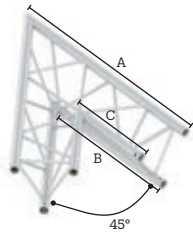
| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|---------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 3' 3" | 302.45 | 0" | 694.58* | 0" | 427.77* | 1/64" | 321.93* | 1/64" | 248.06 | 1/64" |
| 6' 7" | 150.66 | 3/32" | 425.57* | 1/16" | 288.86* | 5/64" | 229.32* | 5/64" | 183.02* | 5/64" |
| 9' 10" | 66.39 | 7/32" | 299.88* | 5/32" | 211.68* | 3/16" | 158.76* | 13/64" | 127.89* | 13/64" |
| 13' 1" | 36.82 | 25/64" | 227.12* | 19/64" | 165.38* | 23/64" | 119.07* | 23/64" | 97.02* | 3/8" |
| 16' 5" | 23.18 | 39/64" | 183.02* | 15/32" | 134.51* | 19/32" | 92.61* | 37/64" | 77.18* | 19/32" |
| 19' 8" | 15.72 | 57/64" | 149.94* | 45/64" | 110.25* | 55/64" | 77.16* | 53/64" | 63.95* | 7/8" |
| 22' 12" | 11.22 | 113/64" | 125.69* | 31/32" | 94.82* | 113/64" | 63.95* | 1 9/64" | 52.92* | 1 13/64" |
| 26' 3" | 8.33 | 119/32" | 105.84* | 1 9/32" | 79.38* | 1 19/32" | 55.13* | 1 1/2" | 44.10* | 1 19/32" |
| 29' 6" | 6.32 | 2 1/64" | 92.61* | 1 21/32" | 70.56* | 2 3/64" | 46.31* | 1 59/64" | 39.69* | 2 1/64" |
| 32' 10" | 4.91 | 2 1/2" | 79.38* | 2 5/64" | 60.42* | 2 35/64" | 39.69* | 2 25/64" | 33.52 | 2 33/64" |

TRIO figures are based on use in apex up/down orientation

* limited by interaction of shear and moment at the connection

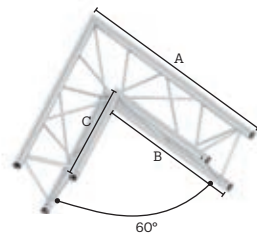
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



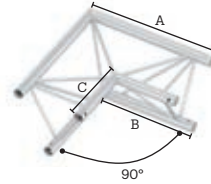
2 way corner 45°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J19 | 1.8 | (3.97) | A 800 | (31 31/64") |
| | | | B 493 | (19 13/32") |
| | | | C 264 | (10 25/64") |



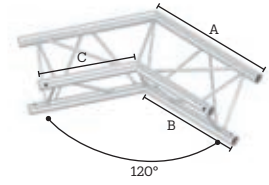
2 way corner 60°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J20 | 1.4 | (3.09) | A 600 | (23 39/64") |
| | | | B 380 | (14 61/64") |
| | | | C 215 | (8 29/64") |



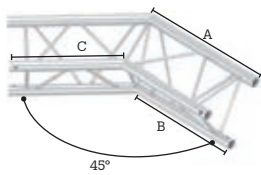
2 way corner 90°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J21 | 1.1 | (2.43) | A 400 | (15 47/64") |
| | | | B 273 | (10 47/64") |
| | | | C 178 | (7") |



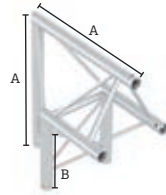
2 way corner 120°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J22 | 1.3 | (2.87) | A 400 | (15 47/64") |
| | | | B 327 | (12 55/64") |
| | | | C 272 | (10 45/64") |



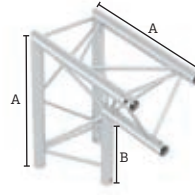
2 way corner 135°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J23 | 1.3 | (2.87) | A 400 | (15 47/64") |
| | | | B 347 | (13 21/32") |
| | | | C 308 | (12 1/8") |



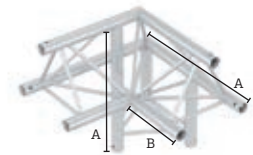
2 way corner 90° apex out

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J24 | 1.1 | (2.43) | A 400 | (15 47/64") |
| | | | B 204 | (8 1/32") |



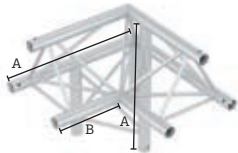
2 way corner 90° apex in

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J25 | 1.3 | (2.87) | A 400 | (15 47/64") |
| | | | B 204 | (8 1/32") |



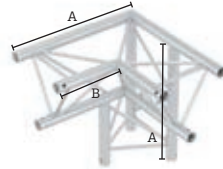
3 way corner 90° apex up right

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J31 | 1.6 | (3.53) | A 400 | (15 47/64") |
| | | | B 178 | (7") |



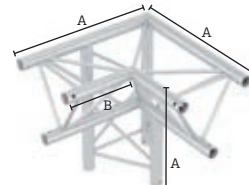
3 way corner 90° apex up left

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J32 | 1.6 | (3.53) | A 400 | (15 47/64") |
| | | | B 178 | (7") |



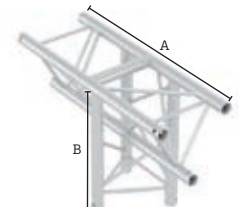
3 way corner 90° apex down right

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J33 | 1.7 | (3.75) | A 400 | (15 47/64") |
| | | | B 178 | (7") |



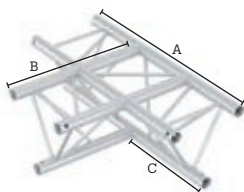
3 way corner 90° apex down left

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J34 | 1.7 | (3.75) | A 400 | (15 47/64") |
| | | | B 178 | (7") |



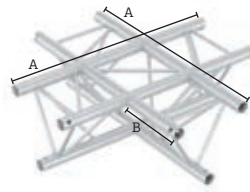
3 way vertical T-piece apex down

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J35 | 1.8 | (3.97) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 203 | (7 63/64") |



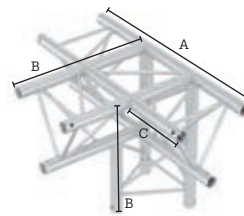
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J36 | 1.5 | (3.31) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 273 | (10 47/64") |



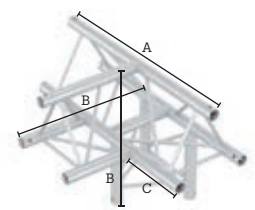
4 way cross piece

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|------------------|
| 3CM22-J41 | 1.9 | (4.19) | A 578 | (22 3/4") |
| | | | B 178 | (7") |



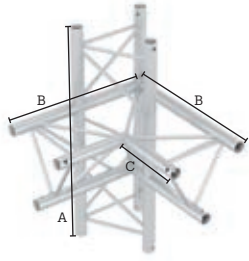
4 way T-piece apex down

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J42 | 2.1 | (4.63) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 273 | (10 47/64") |



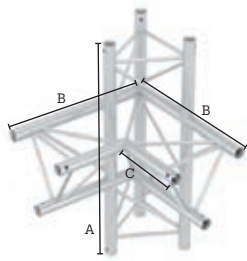
4 Way T-piece apex up

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CM22-J43 | 2.0 | (4.41) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 178 | (7") |



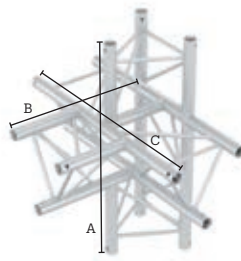
4 Way corner 90° right

| Code | kg | lbs | mm | in |
|-----------|-----|--------|---------|-------------|
| 3CM22-J44 | 2.2 | (4.85) | A 603.5 | (23 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 273 | (10 47/64") |



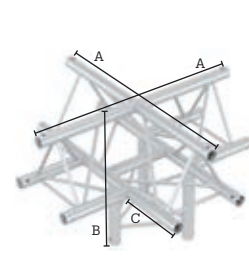
4 way corner 90° left

| Code | kg | lbs | mm | in |
|-----------|-----|--------|---------|-------------|
| 3CM22-J45 | 2.2 | (4.85) | A 603.5 | (23 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 273 | (10 47/64") |



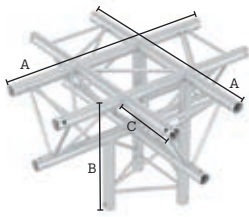
5 way T-piece

| Code | kg | lbs | mm | in |
|-----------|-----|--------|---------|-------------|
| 3CM22-J51 | 2.6 | (5.73) | A 603.5 | (23 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 578 | (22 3/4") |



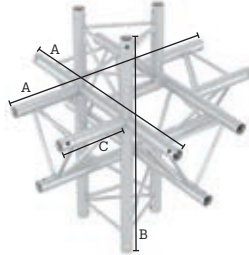
5 way cross down leg apex up

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 3CM22-J52 | 2.4 | (5.29) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 178 | (7") |



5 way cross down leg apex down

| Code | kg | lbs | mm | in |
|-----------|-----|--------|---------|-------------|
| 3CM22-J53 | 2.5 | (5.51) | A 603.5 | (23 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 178 | (7") |

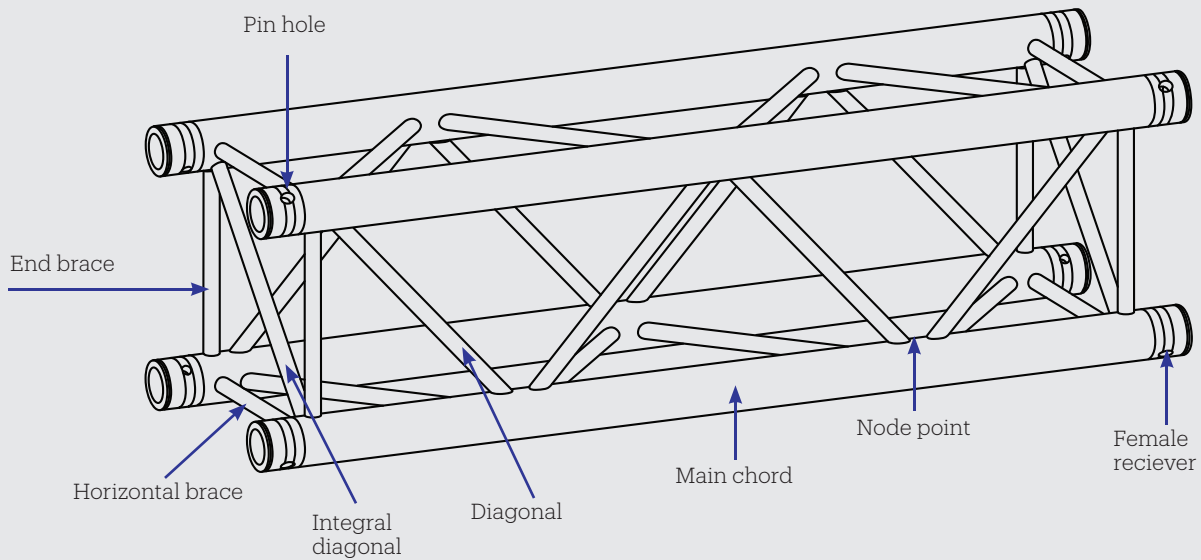


6 way T-piece

| Code | kg | lbs | mm | in |
|-----------|-----|--------|---------|-----------|
| 3CM22-J61 | 3.0 | (6.61) | A 578 | (22 3/4") |
| | | | B 603.5 | (23 3/4") |
| | | | C 178 | (7") |

Truss identification

Conical truss

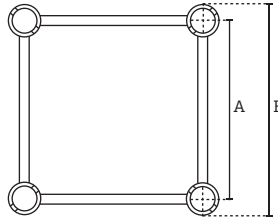


JTE conical products can be recognised by the specific id-tag on all trusses as well as the embossed logo with unique number on each coupler. For the ease of communication truss parts have the following names.



JT22 QUATRO

- Compact display system
- Lightweight, modular construction
- Impressive free span parameters for its size
- Compatible with JTCELL 130 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available



| | | |
|--------------|---------------------|------------------------------|
| Code: | | 4CM22 |
| Main Chords: | mm in | 32x1.5 (1 1/4"x3/64") |
| Diagonals: | mm in | 10x1.5 (25/64"x3/64") |
| Alloy: | | EN - AW 6060 T66 |
| A | mm in | 190 (7 15/32") |
| B | mm in | 222 (8 47/64") |
| Coupler: | | CCM |

Standard lengths and weights

| Code | 4CM22-L500 | 4CM22-L1000 | 4CM22-L1500 | 4CM22-L2000 | 4CM22-L2500 | 4CM22-L3000 | 4CM22-L4000 |
|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|
| m ft | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") |
| kg lbs | 1.8 (3.86) | 3.0 (6.62) | 4.6 (10.03) | 6.0 (13.23) | 7.5 (16.54) | 9.1 (20.07) | 12.3 (27.08) |

Loading chart

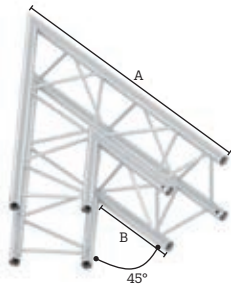
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|------|------------------|-------|--------------------|------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 3 | 171.7 | 4.9 | 276* | 4.2 | 180* | 4.7 | 141* | 5.1 | 116* | 5.3 |
| 4 | 128.2 | 11.6 | 221* | 8.1 | 150* | 9.3 | 119* | 10.3 | 95* | 10.5 |
| 5 | 81.4 | 18.2 | 181* | 13.1 | 127* | 15.5 | 98* | 16.6 | 78* | 16.9 |
| 6 | 55.9 | 26.2 | 153* | 19.4 | 109* | 23.5 | 81* | 24.3 | 66* | 24.9 |
| 7 | 40.5 | 35.8 | 132* | 27.1 | 95* | 32.7 | 69* | 33.4 | 56* | 34.3 |
| 8 | 30.5 | 46.8 | 115* | 36.1 | 83* | 43.8 | 60* | 43.8 | 49* | 45.4 |
| 9 | 23.6 | 59.3 | 101* | 46.4 | 74* | 56.7 | 52* | 55.6 | 43* | 58.2 |
| 10 | 18.7 | 73.4 | 89* | 57.8 | 66* | 70.9 | 46* | 69.6 | 38* | 72 |
| 11 | 15.1 | 89.1 | 80* | 71.3 | 59* | 86.9 | 41* | 84.5 | 34* | 88.1 |
| 12 | 12.3 | 106.3 | 71* | 85.7 | 54* | 105.5 | 37* | 101 | 30* | 105.2 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 9' 10" | 115.38 | 3/16" | 608.58* | 5/32" | 396.90* | 11/64" | 310.91* | 3/16" | 255.78* | 13/64" |
| 13' 1" | 86.15 | 29/64" | 487.31* | 5/16" | 330.75* | 23/64" | 262.40* | 25/64" | 209.48* | 13/32" |
| 16' 5" | 54.70 | 45/64" | 39.69* | 33/64" | 280.04* | 39/64" | 216.09* | 41/64" | 171.99* | 21/32" |
| 19' 8" | 37.56 | 11/32" | 337.37* | 3/4" | 240.35* | 59/64" | 178.61* | 61/64" | 145.53* | 31/32" |
| 22' 12" | 27.21 | 1 13/32" | 291.06* | 1 1/16" | 209.48* | 1 9/32" | 152.15* | 1 5/16" | 123.48* | 1 11/32" |
| 26' 3" | 20.50 | 1 53/64" | 253.58* | 1 13/32" | 183.02* | 1 23/32" | 132.30* | 1 23/32" | 108.05* | 1 25/32" |
| 29' 6" | 15.86 | 2 21/64" | 222.71* | 1 13/16" | 163.17* | 2 7/32" | 114.66* | 2 3/16" | 94.82* | 2 9/32" |
| 32' 10" | 12.57 | 2 7/8" | 196.25* | 2 17/64" | 145.53* | 2 25/32" | 101.43* | 2 47/64" | 83.79* | 2 53/64" |
| 36' 1" | 10.15 | 3 1/2" | 176.40* | 2 51/64" | 130.10* | 3 13/32" | 90.41* | 3 5/16" | 74.97* | 3 29/64" |
| 39' 4" | 8.27 | 4 11/64" | 156.56* | 3 23/64" | 119.07* | 4 9/64" | 81.59* | 3 31/32" | 66.15* | 4 9/64" |

* limited by interaction of shear and moment at the connection

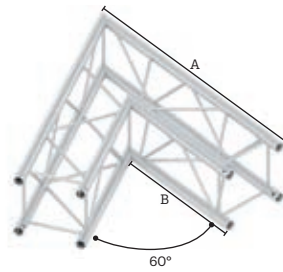
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



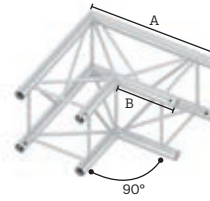
2 way corner 45°

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J19 | 2.5 | (5.51) | A 800 | (31 31/64") |
| | | | B 264 | (10 25/64") |



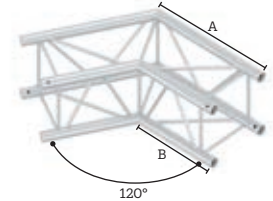
2 way corner 60°

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J20 | 2.0 | (4.41) | A 600 | (23 39/64") |
| | | | B 215 | (8 29/64") |



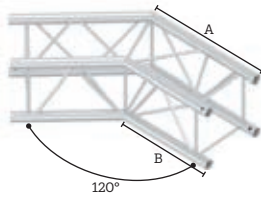
2 way corner 90°

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J21 | 1.5 | (3.31) | A 400 | (15 47/64") |
| | | | B 178 | (7") |



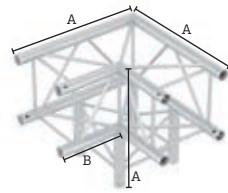
2 way corner 120°

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J22 | 1.7 | (3.75) | A 400 | (15 47/64") |
| | | | B 272 | (10 45/64") |



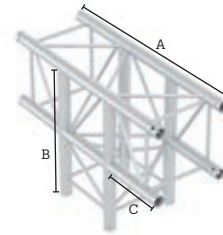
2 way corner 135°

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J23 | 1.8 | (3.97) | A 400 | (15 47/64") |
| | | | B 308 | (12 1/8") |



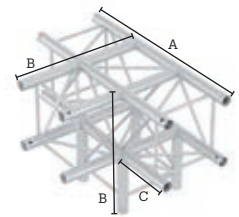
3 way corner 90°

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J30 | 2.0 | (4.41) | A 400 | (15 47/64") |
| | | | B 179 | (7 3/64") |



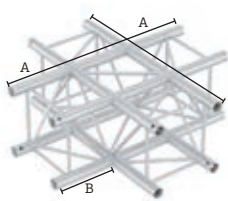
3 way T-piece

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J35 | 2.0 | (4.41) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 179 | (7") |



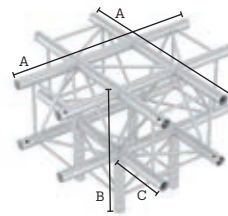
4 way T-piece leg down

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J40 | 2.5 | (5.51) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 179 | (7") |



4 way cross piece

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-----------|
| 4CM22-J41 | 2.5 | (5.51) | A 578 | (22 3/4") |
| | | | B 179 | (7 3/64") |

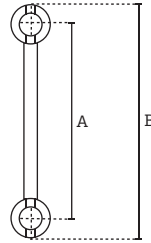


5 way T-piece

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4CM22-J51 | 3.0 | (6.61) | A 578 | (22 3/4") |
| | | | B 400 | (15 47/64") |
| | | | C 179 | (7") |

JT30 DUO

- High quality 50 mm (2") aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span up to 20 m (65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | | |
|--------------|----|----|--------------------------|
| Code: | | | 2CF30 |
| Main Chords: | mm | in | 50x2 (2"x3/32") |
| Diagonals: | mm | in | 16x2 (5/8"x3/32") |
| Alloy: | | | EN - AW 6082 T6 |
| A | mm | in | 239 (9 13/32") |
| B | mm | in | 289 (11 3/8") |
| Coupler: | | | CCF |

Standard lengths and weights

| Code | 2CF30-L500 | 2CF30-L1000 | 2CF30-L1500 | 2CF30-L2000 | 2CF30-L2500 | 2CF30-L3000 | 2CF30-L4000 | 2CF30-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 1.50 (3.31) | 2.50 (5.51) | 3.4 (7.50) | 4.3 (9.48) | 5.3 (11.69) | 6.2 (13.67) | 8.1 (17.86) | 10.0 (22.05) |

Loading chart

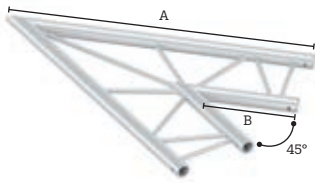
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 3 | 286.3 | 4.8 | 641 | 5.8 | 429.4 | 6.6 | 286.3 | 6.1 | 214.7 | 5.8 |
| 4 | 214 | 11.4 | 508 | 10.9 | 351 | 12.8 | 274 | 13.9 | 214 | 13.8 |
| 5 | 170.6 | 22.4 | 418 | 17.6 | 296 | 21.2 | 223 | 22.2 | 180 | 22.8 |
| 6 | 126.7 | 34.6 | 353 | 26 | 254 | 31.6 | 186 | 32.3 | 150 | 33.2 |
| 7 | 92.3 | 47.2 | 304 | 35.8 | 221 | 44 | 161.6 | 44.9 | 129 | 45.7 |
| 8 | 70 | 61.7 | 266 | 47.5 | 195 | 58.8 | 140.1 | 58.7 | 113 | 60.4 |
| 9 | 54.8 | 78.1 | 237 | 61 | 174 | 75.2 | 123.2 | 74.4 | 100 | 76.5 |
| 10 | 43.8 | 96.6 | 210 | 75.6 | 156 | 94 | 109.6 | 92.1 | 90 | 95.5 |
| 11 | 35.8 | 117 | 191 | 92.9 | 142 | 115 | 98.3 | 111.6 | 81.9 | 117.9 |
| 12 | 29.6 | 139.5 | 172 | 111.2 | 129 | 138.4 | 88.8 | 133.2 | 74 | 140.5 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 9' 10" | 192.38 | 3/16" | 430.73 | 7/32" | 288.54 | 1/4" | 192.38 | 15/64" | 144.27 | 7/32" |
| 13' 1" | 143.80 | 7/16" | 341.36 | 27/64" | 235.86 | 1/2" | 184.12 | 35/64" | 143.80 | 17/32" |
| 16' 5" | 114.64 | 7/8" | 280.88 | 11/16" | 198.90 | 53/64" | 149.85 | 55/64" | 120.95 | 57/64" |
| 19' 8" | 85.14 | 1 23/64" | 237.20 | 11/64" | 170.68 | 115/64" | 124.98 | 117/64" | 100.79 | 1 19/64" |
| 22' 12" | 62.02 | 1 27/32" | 204.28 | 1 13/32" | 148.50 | 1 23/32" | 108.59 | 1 49/64" | 86.68 | 1 51/64" |
| 26' 3" | 47.04 | 2 27/64" | 178.74 | 1 55/64" | 131.03 | 2 5/16" | 94.14 | 2 19/64" | 75.93 | 2 3/8" |
| 29' 6" | 36.82 | 3 1/16" | 159.26 | 2 25/64" | 116.92 | 2 61/64" | 82.79 | 2 59/64" | 67.20 | 3" |
| 32' 10" | 29.43 | 3 51/64" | 141.11 | 2 31/32" | 104.83 | 3 11/16" | 73.65 | 3 5/8" | 60.48 | 3 3/4" |
| 36' 1" | 24.06 | 4 19/32" | 128.34 | 3 21/32" | 95.42 | 4 33/64" | 66.05 | 4 25/64" | 55.03 | 4 41/64" |
| 39' 4" | 19.89 | 5 31/64" | 115.58 | 4 3/8" | 86.68 | 5 7/16" | 59.67 | 5 15/64" | 49.73 | 5 17/32" |

DUO figures are based on use in vertical mode and stabilized every 1 m (3' 3")

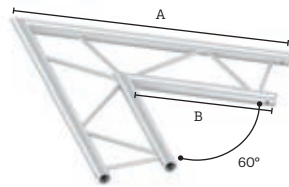
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



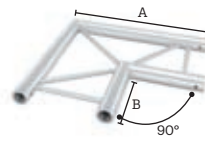
2 way horizontal corner 45°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|---------------|--------------------|
| 2CF30-JH19 | 3.1 | (6.84) | A 1000 | (39 23/64") |
| | | | B 300 | (11 51/64") |



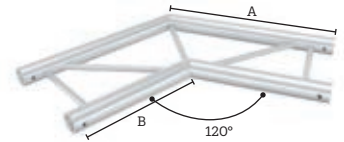
2 way horizontal corner 60°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|---------------|--------------------|
| 2CF30-JH20 | 3.4 | (7.50) | A 1000 | (39 23/64") |
| | | | B 498 | (19 19/32") |



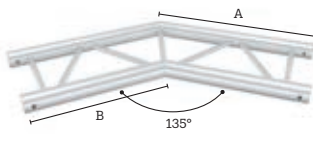
2 way horizontal corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JH21 | 1.9 | (4.19) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



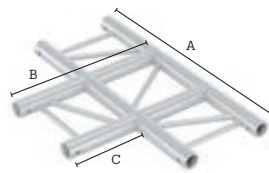
2 way horizontal corner 120°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JH22 | 2.1 | (4.63) | A 500 | (19 43/64") |
| | | | B 333 | (13 7/64") |



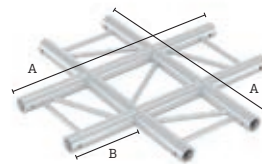
2 way horizontal corner 135°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JH23 | 2.3 | (5.07) | A 500 | (19 43/64") |
| | | | B 380 | (14 61/64") |



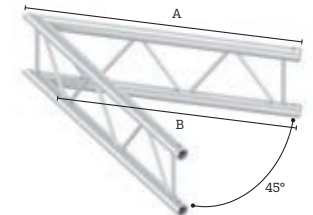
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JH35 | 2.9 | (6.39) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



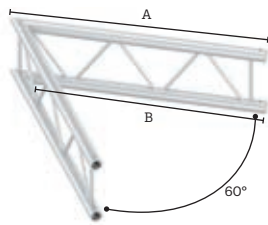
4 way horizontal cross piece

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JH41 | 3.6 | (7.94) | A 710 | (27 15/16") |
| | | | B 210 | (8 17/64") |



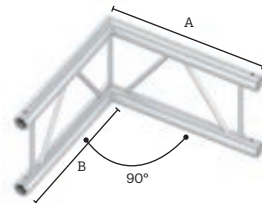
2 way vertical corner 45°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|---------------|--------------------|
| 2CF30-JV19 | 4.2 | (9.26) | A 1000 | (39 23/64") |
| | | | B 710 | (27 15/16") |



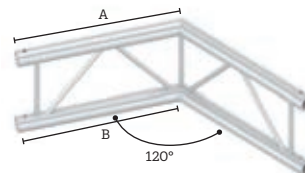
2 way vertical corner 60°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|---------------|--------------------|
| 2CF30-JV20 | 4.3 | (9.48) | A 1000 | (39 23/64") |
| | | | B 913 | (35 15/16") |



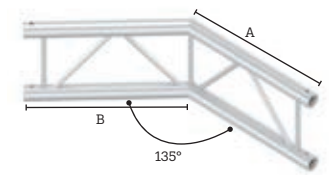
2 way vertical corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JV21 | 2.4 | (5.29) | A 500 | (19 43/64") |
| | | | B 450 | (17 45/64") |



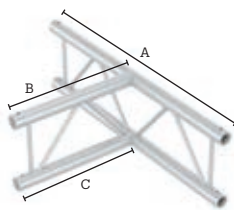
2 way vertical corner 120°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JV22 | 2.4 | (5.29) | A 500 | (19 43/64") |
| | | | B 471 | (18 17/32") |



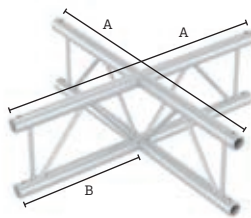
2 way vertical corner 135°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JV23 | 2.5 | (5.51) | A 500 | (19 43/64") |
| | | | B 479 | (18 27/32") |



3 way vertical T-piece

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 2CF30-JV36 | 3.5 | (7.72) | A 950 | (37 25/64") |
| | | | B 500 | (19 43/64") |
| | | | C 450 | (17 45/64") |

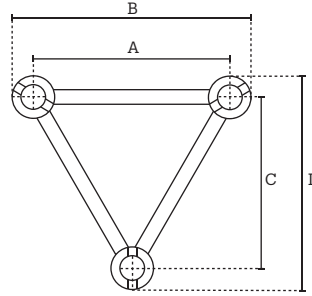


4 way vertical cross piece

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 2CF30-JV41 | 4.7 | (10.36) | A 950 | (37 25/64") |
| | | | B 450 | (17 45/64") |

JT30 TRIO

- High quality 50 mm (2") aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span up to 20 m (65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | |
|--------------|-------|--------------------------|
| Code: | | 3CF30 |
| Main Chords: | mm in | 50x2 (2"x3/32") |
| Diagonals: | mm in | 16x2 (5/8"x3/32") |
| Alloy: | | EN - AW 6082 T6 |
| A | mm in | 239 (9 7/16") |
| B | mm in | 289 (11 3/8") |
| C | mm in | 207 (8 9/64") |
| D | mm in | 257 (10 7/64") |
| Coupler: | | CCF |

Standard lengths and weights

| Code | 3CF30-L500 | 3CF30-L1000 | 3CF30-L1500 | 3CF30-L2000 | 3CF30-L2500 | 3CF30-L3000 | 3CF30-L4000 | 3CF30-L5000 |
|--------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m ft | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg lbs | 2.6 (5.73) | 4.2 (9.26) | 5.8 (12.79) | 7.4 (16.32) | 9.0 (19.85) | 10.6 (23.37) | 13.9 (30.65) | 17.1 (37.71) |

Loading chart

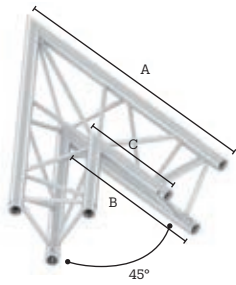
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 3 | 444.7 | 74 | 620 | 5.5 | 445 | 6.8 | 327 | 6.9 | 264 | 7.1 |
| 4 | 248.5 | 13.2 | 472 | 10.1 | 343 | 12.4 | 244 | 12.3 | 201 | 12.9 |
| 5 | 157.7 | 20.6 | 383 | 16.1 | 281 | 20 | 197.2 | 19.6 | 161 | 20.4 |
| 6 | 108.4 | 29.7 | 315 | 23.3 | 234 | 29.2 | 162.6 | 28.3 | 135.5 | 30 |
| 7 | 78.7 | 40.5 | 270 | 32.2 | 200 | 40.2 | 137.7 | 38.6 | 114.7 | 40.8 |
| 8 | 59.4 | 53 | 237.5 | 43.1 | 175 | 53.1 | 118.8 | 50.5 | 99 | 53.4 |
| 9 | 46.1 | 67.2 | 207.7 | 54.9 | 155.7 | 68.6 | 103.8 | 64.1 | 86.5 | 67.7 |
| 10 | 36.7 | 83.1 | 183.4 | 68.2 | 137.6 | 84.8 | 91.7 | 79.4 | 76.4 | 83.7 |
| 11 | 29.7 | 100.8 | 163.2 | 83.1 | 122.4 | 102.8 | 81.6 | 96.4 | 68 | 101.5 |
| 12 | 24.4 | 120.2 | 146.1 | 99.6 | 109.6 | 122.5 | 73.1 | 115.1 | 60.9 | 121.1 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 9' 10" | 298.82 | 9/32" | 416.62 | 13/64" | 299.02 | 17/64" | 219.73 | 17/64" | 177.40 | 17/64" |
| 13' 1" | 166.98 | 33/64" | 317.17 | 25/64" | 230.48 | 31/64" | 163.96 | 15/32" | 135.06 | 1/2" |
| 16' 5" | 105.97 | 51/64" | 257.36 | 5/8" | 188.82 | 25/32" | 132.51 | 49/64" | 108.19 | 51/64" |
| 19' 8" | 72.84 | 1 5/32" | 211.67 | 29/32" | 157.24 | 1 9/64" | 109.26 | 1 7/64" | 91.05 | 1 11/64" |
| 22' 12" | 52.88 | 1 19/32" | 181.43 | 1 17/64" | 134.39 | 1 37/64" | 92.53 | 1 33/64" | 77.07 | 1 19/32" |
| 26' 3" | 39.91 | 2 5/64" | 159.59 | 1 11/16" | 117.59 | 2 5/64" | 79.83 | 1 63/64" | 66.52 | 2 3/32" |
| 29' 6" | 30.98 | 2 41/64" | 139.57 | 2 5/32" | 104.62 | 2 11/16" | 69.75 | 2 33/64" | 58.12 | 2 21/32" |
| 32' 10" | 24.66 | 3 17/64" | 123.24 | 2 43/64" | 92.46 | 3 21/64" | 61.62 | 3 1/8" | 51.34 | 3 9/32" |
| 36' 1" | 19.96 | 3 61/64" | 109.66 | 3 17/64" | 82.25 | 4 3/64" | 54.83 | 3 25/32" | 45.69 | 3 63/64" |
| 39' 4" | 16.40 | 4 23/32" | 98.17 | 3 29/32" | 73.65 | 4 13/16" | 49.12 | 4 17/32" | 40.92 | 4 49/64" |

TRIO figures are based on use in apex up/down orientation

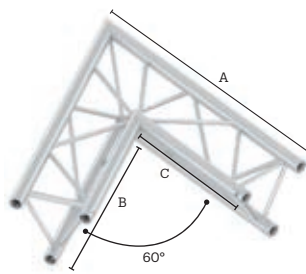
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



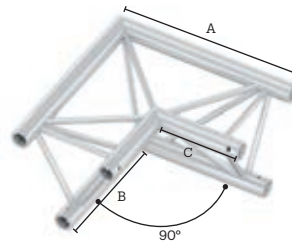
2 way corner 45°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|---------------|--------------------|
| 3CF30-J19 | 5.3 | (11.69) | A 1000 | (39 23/64") |
| | | | B 590 | (23 7/32") |
| | | | C 300 | (11 51/64") |



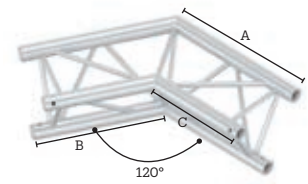
2 way corner 60°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|---------------|--------------------|
| 3CF30-J20 | 5.8 | (12.79) | A 1000 | (39 23/64") |
| | | | B 706 | (27 25/32") |
| | | | C 498 | (19 19/32") |



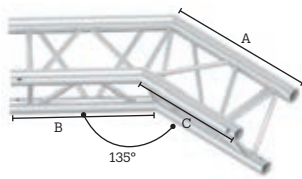
2 way corner 90°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CF30-J21 | 3.3 | (7.28) | A 500 | (19 43/64") |
| | | | B 330 | (12 63/64") |
| | | | C 210 | (8 17/64") |



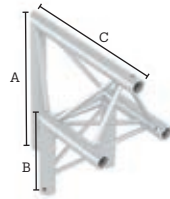
2 way corner 120°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CF30-J22 | 3.7 | (8.16) | A 500 | (19 43/64") |
| | | | B 402 | (15 13/16") |
| | | | C 333 | (13 7/64") |



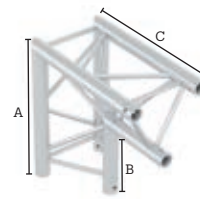
2 way corner 135°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CF30-J23 | 3.9 | (8.60) | A 500 | (19 43/64") |
| | | | B 430 | (16 59/64") |
| | | | C 380 | (14 61/64") |



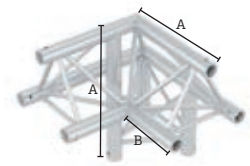
2 way corner 90° apex out

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CF30-J24 | 3.1 | (6.84) | A 500 | (19 43/64") |
| | | | B 242 | (9 33/64") |
| | | | C 500 | (19 43/64") |



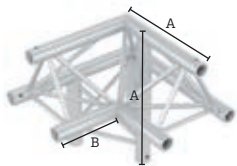
2 way corner 90° apex in

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 3CF30-J25 | 3.6 | (7.94) | A 500 | (19 43/64") |
| | | | B 242 | (9 33/64") |
| | | | C 500 | (19 43/64") |



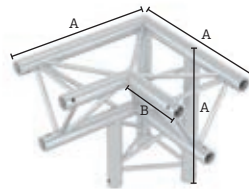
3 way corner 90° apex up right

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J31 | 4.7 | (10.36) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



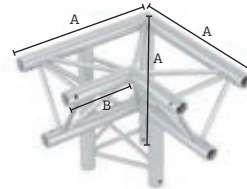
3 way corner 90° apex up left

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J32 | 4.7 | (10.36) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



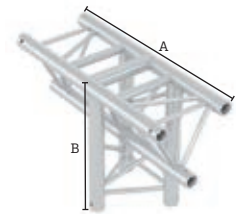
3 way corner 90° apex down right

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J33 | 4.9 | (10.80) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



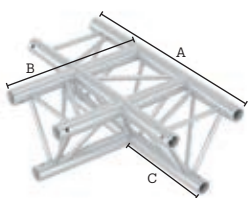
3 way corner 90° apex down left

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J34 | 4.9 | (10.80) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



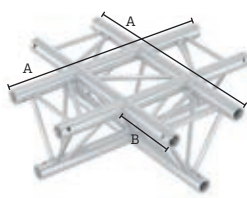
3 way vertical T-piece apex down

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J35 | 5.5 | (12.13) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |



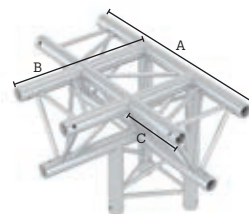
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J36 | 4.9 | (10.80) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 330 | (12 63/64") |



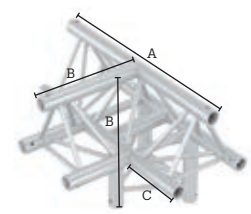
4 way cross piece

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J41 | 6.2 | (13.67) | A 710 | (27 15/16") |
| | | | B 210 | (8 17/64") |



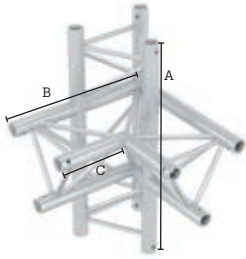
4 way T-piece apex down

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J42 | 6.5 | (14.33) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 330 | (12 63/64") |



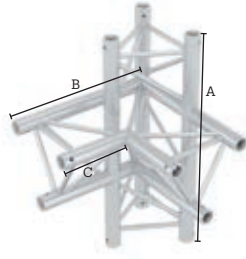
4 way T-piece apex up

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 3CF30-J43 | 6.2 | (13.67) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



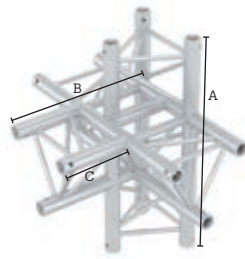
4 way corner 90° right

| Code | kg | lbs | mm | in |
|------------------|--------------------|-----|--------------------------|----|
| 3CF30-J44 | 6.4 (14.11) | | A 742 (29 13/64") | |
| | | | B 500 (19 43/64") | |
| | | | C 330 (12 63/64") | |



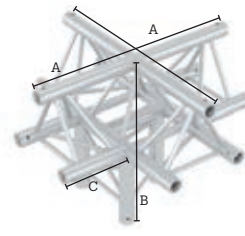
4 way corner 90° left

| Code | kg | lbs | mm | in |
|------------------|--------------------|-----|--------------------------|----|
| 3CF30-J45 | 6.4 (14.11) | | A 742 (29 13/64") | |
| | | | B 500 (19 43/64") | |
| | | | C 330 (12 63/64") | |



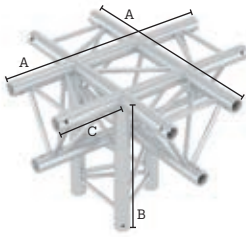
5 way T-piece

| Code | kg | lbs | mm | in |
|------------------|--------------------|-----|--------------------------|----|
| 3CF30-J51 | 8.0 (17.64) | | A 742 (29 13/64") | |
| | | | B 500 (19 43/64") | |
| | | | C 710 (27 15/16") | |



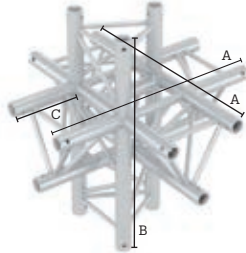
5 way cross down leg apex up

| Code | kg | lbs | mm | in |
|------------------|--------------------|-----|--------------------------|----|
| 3CF30-J52 | 7.5 (16.54) | | A 710 (27 15/16") | |
| | | | B 500 (19 43/64") | |
| | | | C 210 (8 17/64") | |



5 way cross down leg apex down

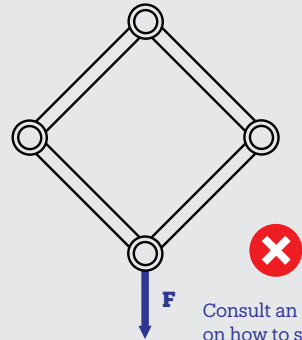
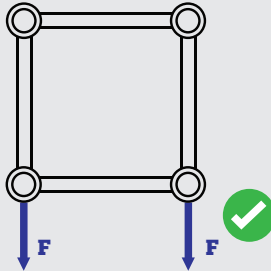
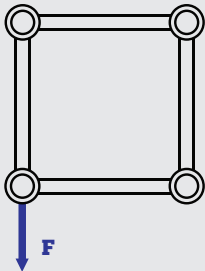
| Code | kg | lbs | mm | in |
|------------------|--------------------|-----|--------------------------|----|
| 3CF30-J53 | 7.8 (17.20) | | A 710 (27 15/16") | |
| | | | B 500 (19 43/64") | |
| | | | C 210 (8 17/64") | |



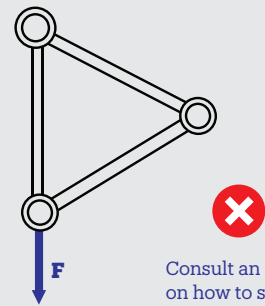
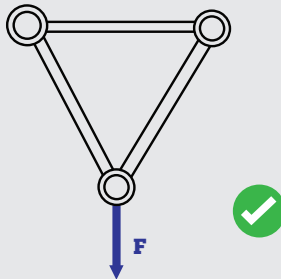
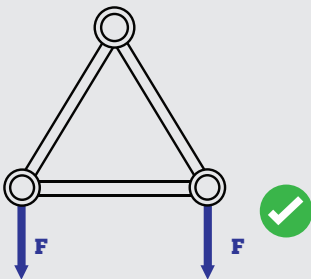
6 way T-piece

| Code | kg | lbs | mm | in |
|------------------|--------------------|-----|--------------------------|----|
| 3CF30-J61 | 9.3 (20.51) | | A 710 (27 15/16") | |
| | | | B 742 (29 13/64") | |
| | | | C 210 (8 17/64") | |

Attaching loads



Consult an Engineer on how to safely use this configuration.



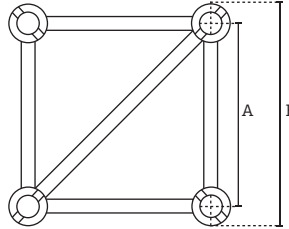
Consult an Engineer on how to safely use this configuration.

Make sure:
Loads are equally divided over both bottom or top chords. Loading truss on one side lead to internal torsional forces which are not considered in the data provided.



JT30 QUATRO

- High quality 50 mm (2") aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span up to 20 m (65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | |
|--------------|------------------------|--------------------------|
| Code: | 4CF30 | |
| Main Chords: | mm in | 50x2 (2"x3/32") |
| Diagonals: | mm in | 16x2 (5/8"x3/32") |
| Alloy: | EN - AW 6082 T6 | |
| A | mm in | 239 (9 7/16") |
| B | mm in | 289 (11 13/32") |
| Coupler: | CCF | |

Standard lengths and weights

| Code | 4CF30-L500 | 4CF30-L1000 | 4CF30-L1500 | 4CF30-L2000 | 4CF30-L2500 | 4CF30-L3000 | 4CF30-L4000 | 4CF30-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 3.5 (7.72) | 5.7 (12.57) | 7.9 (17.42) | 10.0 (22.05) | 12.2 (26.90) | 14.4 (31.75) | 18.8 (41.45) | 23.1 (50.94) |

Loading chart

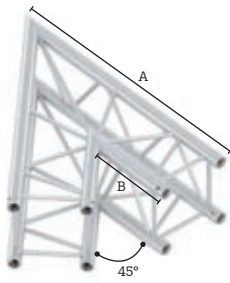
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 4 | 428.5 | 11.4 | 1022 | 10.9 | 703 | 12.8 | 554 | 14 | 428.5 | 13.8 |
| 5 | 341.8 | 22.4 | 841 | 17.7 | 593 | 21.2 | 446 | 22.2 | 356 | 22.5 |
| 6 | 253.8 | 34.6 | 712 | 26.1 | 508 | 31.6 | 373 | 32.3 | 301 | 33.2 |
| 7 | 185.1 | 47.2 | 612 | 36 | 442 | 44 | 324 | 44.9 | 259 | 45.7 |
| 8 | 140.6 | 61.7 | 537 | 47.7 | 392 | 58.7 | 281.1 | 58.7 | 227 | 60.3 |
| 9 | 110 | 78.1 | 475 | 60.9 | 349 | 75.2 | 247.5 | 74.4 | 200 | 76.5 |
| 10 | 88.1 | 96.5 | 425 | 75.8 | 314 | 93.9 | 220.3 | 92 | 180 | 95.4 |
| 12 | 59.7 | 139.4 | 347 | 110.8 | 260 | 138.3 | 179 | 133 | 149.2 | 140.4 |
| 14 | 42.5 | 190.3 | 289 | 152.6 | 219 | 190.6 | 148.7 | 181.9 | 124 | 191.6 |
| 16 | 31.4 | 249.4 | 250.8 | 207.1 | 188.1 | 254.1 | 125.4 | 238.9 | 104.5 | 251.1 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 13' 1" | 287.94 | 7/16" | 686.75 | 27/64" | 472.39 | 1/2" | 372.27 | 35/64" | 287.94 | 17/32" |
| 16' 5" | 229.68 | 7/8" | 565.12 | 11/16" | 398.47 | 53/64" | 299.70 | 55/64" | 239.22 | 7/8" |
| 19' 8" | 170.54 | 1 23/64" | 478.44 | 1 1/64" | 341.36 | 1 15/64" | 250.64 | 1 17/64" | 202.26 | 1 19/64" |
| 22' 12" | 124.38 | 1 27/32" | 411.24 | 1 13/32" | 297.01 | 1 23/32" | 217.72 | 1 49/64" | 174.04 | 1 51/64" |
| 26' 3" | 94.48 | 2 27/64" | 360.84 | 1 7/8" | 263.41 | 2 19/64" | 188.89 | 2 19/64" | 152.54 | 2 23/64" |
| 29' 6" | 73.92 | 3 1/16" | 319.18 | 2 25/64" | 234.51 | 2 61/64" | 166.31 | 2 59/64" | 134.39 | 3 " |
| 32' 10" | 59.20 | 3 51/64" | 285.58 | 2 31/32" | 211.00 | 3 11/16" | 148.03 | 3 39/64" | 120.95 | 3 3/4" |
| 39' 4" | 40.12 | 5 31/64" | 233.17 | 4 23/64" | 174.71 | 5 7/16" | 120.28 | 5 15/64" | 100.26 | 5 33/64" |
| 45' 11" | 28.56 | 7 31/64" | 194.20 | 6 " | 147.16 | 7 1/2" | 99.92 | 7 5/32" | 83.32 | 7 17/32" |
| 52' 6" | 21.10 | 9 13/16" | 168.53 | 8 9/64" | 126.40 | 10" | 84.26 | 9 25/64" | 70.22 | 9 7/8" |

TRIO figures are based on use in apex up/down orientation

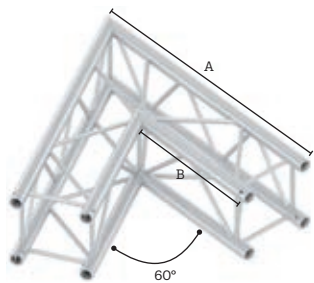
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



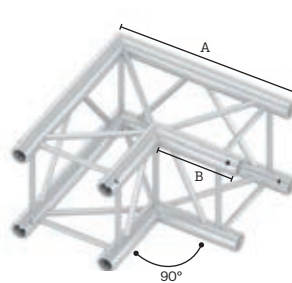
2 way corner 45°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|---------------|--------------------|
| 4CF30-J19 | 7.3 | (16.10) | A 1000 | (39 23/64") |
| | | | B 300 | (11 51/64") |



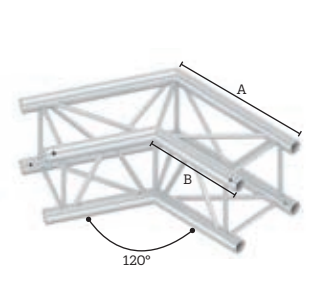
2 way corner 60°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|---------------|--------------------|
| 4CF30-J20 | 7.9 | (17.42) | A 1000 | (39 23/64") |
| | | | B 498 | (19 19/32") |



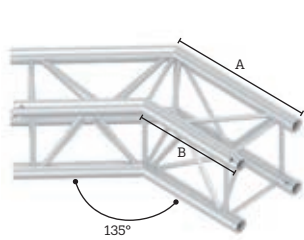
2 way corner 90°

| Code | kg | lbs | mm | in |
|------------------|------------|---------------|--------------|--------------------|
| 4CF30-J21 | 4.4 | (9.70) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



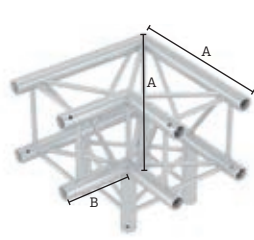
2 way corner 120°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J22 | 4.9 | (10.80) | A 500 | (19 43/64") |
| | | | B 333 | (13 7/64") |



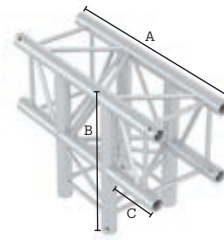
2 way corner 135°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J23 | 5.3 | (11.69) | A 500 | (19 43/64") |
| | | | B 380 | (14 51/64") |



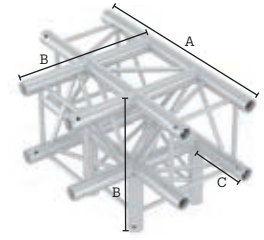
3 way corner 90°

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J30 | 6.0 | (13.23) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



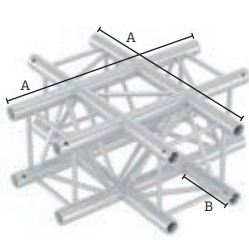
3 way T-piece

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J35 | 6.6 | (14.55) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



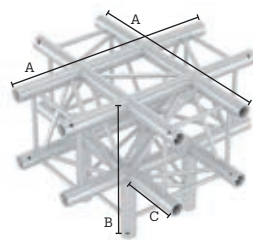
4 way T-piece leg down

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J40 | 8.2 | (18.08) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



4 way cross piece

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J41 | 8.2 | (18.08) | A 710 | (27 15/16") |
| | | | B 210 | (8 17/64") |

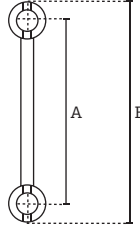


5 way cross leg down

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4CF30-J51 | 9.8 | (21.61) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |

JT30H DUO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Versatile system widely used for PA Towers, Rigging Towers and Roofs
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span (up to 20 m / 65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | | |
|--------------|----|----|----------------------------|
| Code: | | | 2CF30H |
| Main Chords: | mm | in | 48x3 (1 7/8"x7/64") |
| Diagonals: | mm | in | 16x2 (5/8"x3/32") |
| Alloy: | | | EN - AW 6082 T6 |
| A | mm | in | 239 (9 13/32") |
| B | mm | in | 287 (11 21/64") |
| Coupler: | | | CCF |

Standard lengths and weights

| Code | 2CF30H-L500 | 2CF30H-L1000 | 2CF30H-L1500 | 2CF30H-L2000 | 2CF30H-L2500 | 2CF30H-L3000 | 2CF30H-L4000 | 2CF30H-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 1.70 (3.75) | 3.00 (6.62) | 4.3 (9.48) | 5.5 (12.13) | 6.8 (14.99) | 8.1 (17.86) | 10.7 (23.59) | 13.2 (29.11) |

Loading chart

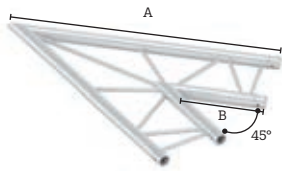
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 3 | 285.8 | 3.4 | 857.4 | 5.5 | 428.7 | 4.7 | 285.8 | 4.3 | 214.3 | 4.2 |
| 4 | 213.5 | 8.2 | 723 | 11 | 427.1 | 11.1 | 284.7 | 10.3 | 213.5 | 9.8 |
| 5 | 170.2 | 15.9 | 595 | 17.8 | 421 | 21.4 | 283.7 | 20.1 | 212.7 | 19.2 |
| 6 | 141.3 | 27.6 | 504 | 26.3 | 362 | 32 | 263 | 32.3 | 211.9 | 33.2 |
| 7 | 120.6 | 43.8 | 434 | 36.2 | 315 | 44.5 | 224 | 44.1 | 183 | 45.8 |
| 8 | 99.2 | 61.8 | 381 | 47.9 | 277 | 58.8 | 194 | 57.7 | 160 | 60.4 |
| 9 | 77.7 | 78.3 | 336 | 60.9 | 249 | 76.1 | 173 | 73.8 | 143 | 77.3 |
| 10 | 62.3 | 96.7 | 302 | 76.2 | 222 | 94.1 | 154 | 91.3 | 127 | 95.6 |
| 11 | 50.9 | 117.2 | 272 | 92.6 | 202 | 115.1 | 139 | 110.6 | 114 | 115.8 |
| 12 | 42.3 | 139.6 | 246 | 110.8 | 185 | 138.5 | 126 | 131.9 | 104 | 138 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 9' 10" | 192.05 | 1/8" | 576.14 | 13/64" | 288.07 | 11/64" | 192.05 | 5/32" | 144.00 | 5/32" |
| 13' 1" | 143.46 | 5/16" | 485.83 | 27/64" | 287.00 | 27/64" | 191.31 | 25/64" | 143.46 | 3/8" |
| 16' 5" | 114.37 | 5/8" | 399.82 | 11/16" | 282.90 | 53/64" | 190.64 | 25/32" | 142.93 | 3/4" |
| 19' 8" | 94.95 | 1 5/64" | 338.67 | 11/32" | 243.25 | 1 1/4" | 176.73 | 1 17/64" | 142.39 | 1 19/64" |
| 22' 12" | 81.04 | 1 23/32" | 291.63 | 1 27/64" | 211.67 | 1 3/4" | 150.52 | 1 47/64" | 122.97 | 1 51/64" |
| 26' 3" | 66.66 | 2 27/64" | 256.02 | 1 7/8" | 186.13 | 2 5/16" | 130.36 | 2 17/64" | 107.51 | 2 3/8" |
| 29' 6" | 52.21 | 3 5/64" | 225.78 | 2 25/64" | 167.32 | 2 63/64" | 116.25 | 2 57/64" | 96.09 | 3 1/32" |
| 32' 10" | 41.86 | 3 51/64" | 202.93 | 3" | 149.18 | 3 45/64" | 103.48 | 3 19/32" | 85.34 | 3 3/4" |
| 36' 1" | 34.20 | 4 39/64" | 182.77 | 3 41/64" | 135.74 | 4 17/32" | 93.40 | 4 11/32" | 76.60 | 4 35/64" |
| 39' 4" | 28.42 | 5 31/64" | 165.30 | 4 23/64" | 124.31 | 5 7/16" | 84.67 | 5 3/16" | 69.88 | 5 27/64" |

DUO figures are based on use in vertical mode and stabilized every 1 m (3' 3")

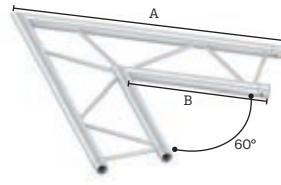
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



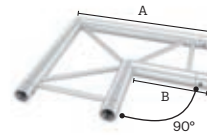
2 way horizontal corner 45°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|---------------|--------------------|
| 2CF30H-JH19 | 3.9 | (8.60) | A 1000 | (39 23/64") |
| | | | B 300 | (11 51/64") |



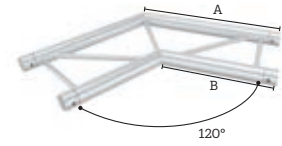
2 way horizontal corner 60°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|---------------|--------------------|
| 2CF30H-JH20 | 4.3 | (9.48) | A 1000 | (39 23/64") |
| | | | B 498 | (19 19/32") |



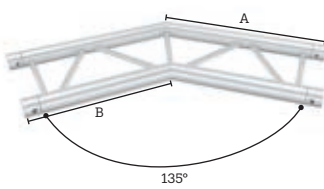
2 way horizontal corner 90°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JH21 | 2.2 | (4.85) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



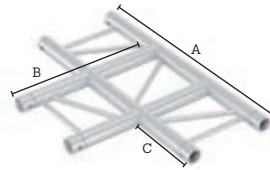
2 way horizontal corner 120°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JH22 | 2.5 | (5.51) | A 500 | (19 43/64") |
| | | | B 333 | (13 7/64") |



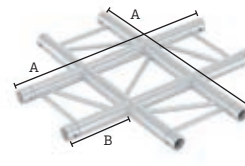
2 way horizontal corner 135°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JH23 | 2.7 | (5.95) | A 500 | (19 43/64") |
| | | | B 380 | (14 61/64") |



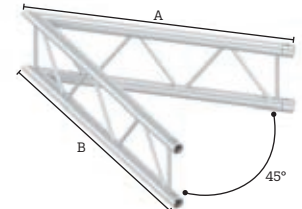
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JH35 | 3.4 | (7.50) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



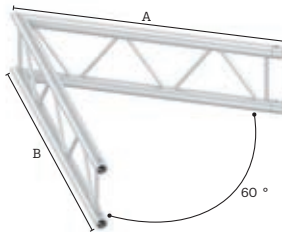
4 way horizontal cross piece

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JH41 | 4.2 | (9.26) | A 710 | (27 15/16") |
| | | | B 210 | (8 17/64") |



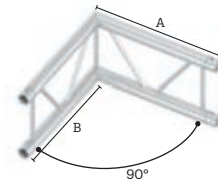
2 way vertical corner 45°

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|--------------|--------------------|
| 2CF30H-JV19 | 5.4 | (11.91) | A1000 | (39 23/64") |
| | | | B 879 | (34 19/32") |



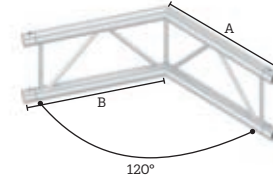
2 way vertical corner 60°

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|---------------|--------------------|
| 2CF30H-JV20 | 5.4 | (11.91) | A 1000 | (39 23/64") |
| | | | B 913 | (35 15/16") |



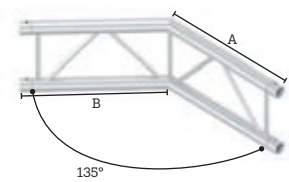
2 way vertical corner 90°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JV21 | 2.9 | (6.39) | A 500 | (19 43/64") |
| | | | B 450 | (17 45/64") |



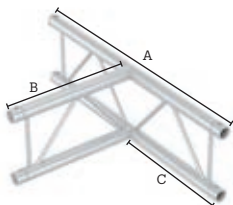
2 way vertical corner 120°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JV22 | 2.9 | (6.39) | A 500 | (19 43/64") |
| | | | B 471 | (18 17/32") |



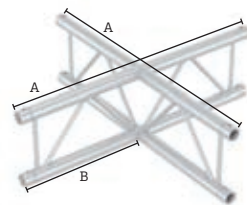
2 way vertical corner 135°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JV23 | 3.0 | (6.62) | A 500 | (19 43/64") |
| | | | B 479 | (18 27/32") |



3 way vertical T-piece

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF30H-JV36 | 4.2 | (9.26) | A 950 | (37 25/64") |
| | | | B 500 | (19 43/64") |
| | | | C 450 | (17 45/64") |

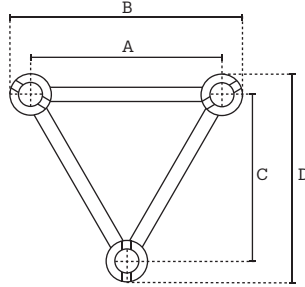


4 way vertical cross piece

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|--------------|--------------------|
| 2CF30H-JV41 | 5.6 | (12.35) | A 950 | (37 25/64") |
| | | | B 450 | (17 45/64") |

JT30H TRIO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Versatile system widely used for PA Towers, Rigging Towers and Roofs
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span (up to 20 m / 65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | |
|--------------|---------------------|----------------------------|
| Code: | | 3CF30H |
| Main Chords: | mm in | 48x3 (1 7/8"x7/64") |
| Diagonals: | mm in | 16x2 (5/8"x3/32") |
| Alloy: | | EN-AW 6082 T6 |
| A | mm in | 239 (9 7/16") |
| B | mm in | 287 (11 21/64") |
| C | mm in | 207 (8 9/64") |
| D | mm in | 255 (10 1/32") |
| Coupler: | | CCF |

Standard lengths and weights

| Code | 3CF30H-L500 | 3CF30H-L1000 | 3CF30H-L1500 | 3CF30H-L2000 | 3CF30H-L2500 | 3CF30H-L3000 | 3CF30H-L4000 | 3CF30H-L5000 |
|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| m ft | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg lbs | 2.8 (6.17) | 5.0 (11.03) | 7.1 (15.66) | 9.2 (20.29) | 11.3 (24.92) | 13.4 (29.55) | 17.7 (39.03) | 21.9 (48.29) |

Loading chart

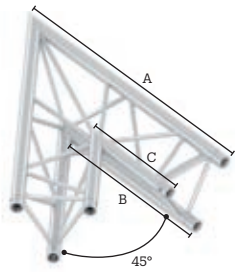
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 3 | 494.6 | 5.9 | 881 | 5.6 | 632 | 6.9 | 459 | 6.9 | 371 | 7.1 |
| 4 | 348.7 | 13.2 | 669 | 10.2 | 486 | 12.6 | 348.7 | 12.6 | 282 | 12.9 |
| 5 | 221 | 20.7 | 536 | 16.2 | 394 | 20.1 | 276.3 | 19.7 | 226 | 20.5 |
| 6 | 151.7 | 29.9 | 446 | 23.7 | 328 | 29.3 | 227.5 | 28.4 | 189.6 | 30.1 |
| 7 | 109.8 | 40.7 | 377 | 32.4 | 280 | 40.4 | 192.2 | 38.8 | 160.2 | 41 |
| 8 | 82.7 | 53.2 | 330.8 | 43.4 | 243 | 53.3 | 165.4 | 50.8 | 137.8 | 53.6 |
| 9 | 64.1 | 67.5 | 288.4 | 55.3 | 216.3 | 68.9 | 144.2 | 64.5 | 120.2 | 68 |
| 10 | 50.8 | 83.5 | 253.9 | 68.8 | 190.4 | 85.2 | 127 | 79.9 | 105.8 | 84.1 |
| 12 | 33.4 | 120.9 | 200.7 | 100.7 | 150.5 | 123.2 | 100.3 | 115.9 | 83.6 | 121.7 |
| 14 | 23 | 165.6 | 160.9 | 139.9 | 120.7 | 168.4 | 80.5 | 159.1 | 67 | 166.6 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 9' 10" | 332.35 | 7/32" | 592.00 | 7/32" | 424.68 | 17/64" | 308.43 | 17/64" | 249.30 | 17/64" |
| 13' 1" | 234.31 | 33/64" | 449.54 | 25/64" | 326.57 | 31/64" | 234.31 | 31/64" | 189.49 | 1/2" |
| 16' 5" | 148.50 | 13/16" | 360.17 | 5/8" | 264.75 | 25/32" | 185.66 | 49/64" | 151.86 | 51/64" |
| 19' 8" | 101.94 | 1 11/64" | 299.70 | 59/64" | 220.40 | 1 9/64" | 152.87 | 1 7/64" | 127.40 | 1 11/64" |
| 22' 12" | 73.78 | 1 19/32" | 253.33 | 1 17/64" | 188.15 | 1 37/64" | 129.15 | 1 33/64" | 107.65 | 1 39/64" |
| 26' 3" | 55.57 | 2 3/32" | 222.29 | 1 45/64" | 163.29 | 2 3/32" | 111.14 | 2" | 92.60 | 2 7/64" |
| 29' 6" | 43.07 | 2 21/32" | 193.79 | 2 11/64" | 145.35 | 2 45/64" | 96.90 | 2 17/32" | 80.77 | 2 43/64" |
| 32' 10" | 34.14 | 3 9/32" | 170.61 | 2 45/64" | 127.94 | 3 11/32" | 85.34 | 3 9/64" | 71.09 | 3 19/64" |
| 39' 4" | 22.44 | 4 3/4" | 134.86 | 3 61/64" | 101.13 | 4 27/32" | 67.40 | 4 9/16" | 56.18 | 4 25/32" |
| 45' 11" | 15.46 | 6 33/64" | 108.12 | 5 1/2" | 81.11 | 6 5/8" | 54.09 | 6 1/4" | 45.02 | 6 35/64" |

TRIO figures are based on use in apex up/down orientation

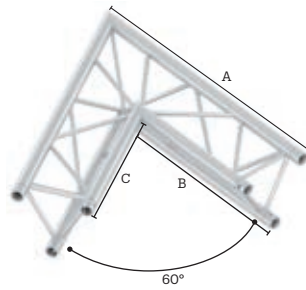
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



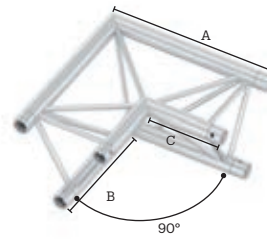
2 way corner 45°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|---------------|--------------------|
| 3CF30H-J19 | 6.4 | (14.11) | A 1000 | (39 23/64") |
| | | | B 590 | (23 7/32") |
| | | | C 300 | (11 51/64") |



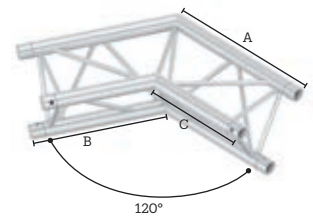
2 way corner 60°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|---------------|--------------------|
| 3CF30H-J20 | 7.1 | (15.66) | A 1000 | (39 23/64") |
| | | | B 706 | (27 25/32") |
| | | | C 498 | (19 19/32") |



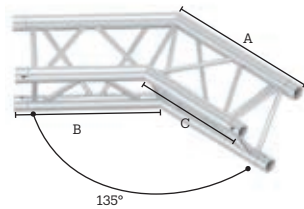
2 way corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 3CF30H-J21 | 3.7 | (8.16) | A 500 | (19 43/64") |
| | | | B 330 | (12 63/64") |
| | | | C 210 | (8 17/64") |



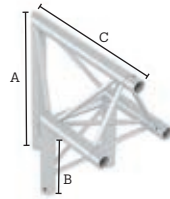
2 way corner 120°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 3CF30H-J22 | 4.3 | (9.48) | A 500 | (19 43/64") |
| | | | B 402 | (15 13/16") |
| | | | C 333 | (13 7/64") |



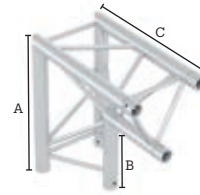
2 way corner 135°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J23 | 4.6 | (10.14) | A 500 | (19 43/64") |
| | | | B 430 | (16 59/64") |
| | | | C 380 | (14 61/64") |



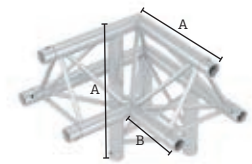
2 way corner 90° apex out

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 3CF30H-J24 | 3.6 | (7.94) | A 500 | (19 43/64") |
| | | | B 242 | (9 33/64") |
| | | | C 500 | (19 43/64") |



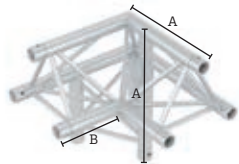
2 way corner 90° apex in

| Code | kg | lbs | mm | in |
|-------------------|------------|---------------|--------------|--------------------|
| 3CF30H-J25 | 4.2 | (9.26) | A 500 | (19 43/64") |
| | | | B 242 | (9 33/64") |
| | | | C 500 | (19 43/64") |



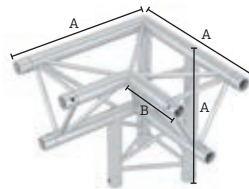
3 way corner 90° apex up right

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J31 | 5.4 | (11.91) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



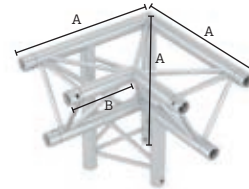
3 way corner 90° apex up left

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J32 | 5.4 | (11.91) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



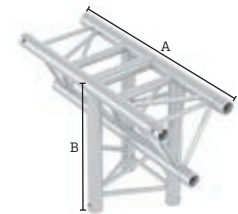
3 way corner 90° apex down right

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J33 | 5.7 | (12.57) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



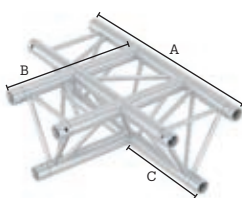
3 way corner 90° apex down left

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J34 | 5.7 | (12.57) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



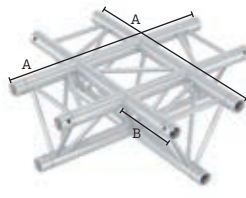
3 way vertical T-piece apex down

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J35 | 6.4 | (14.11) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 242 | (9 33/64") |



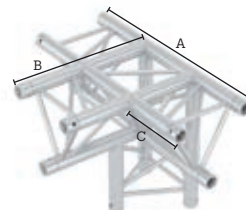
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J36 | 5.7 | (12.57) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 330 | (12 63/64") |



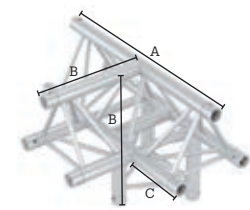
4 way cross piece

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J41 | 7.1 | (15.66) | A 710 | (27 15/16") |
| | | | B 210 | (8 17/64") |



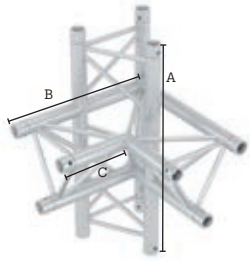
4 way T-piece apex down

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J42 | 7.6 | (16.76) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 330 | (12 63/64") |



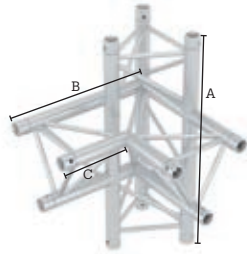
4 way T-piece apex up

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF30H-J43 | 7.0 | (15.44) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



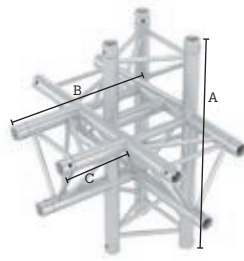
4 way corner 90° right

| Code | kg | lbs | mm | in |
|------------|-----|---------|-------------------|----|
| 3CF30H-J44 | 7.3 | (16.10) | A 742 (29 13/64") | |
| | | | B 500 (19 43/64") | |
| | | | C 330 (12 63/64") | |



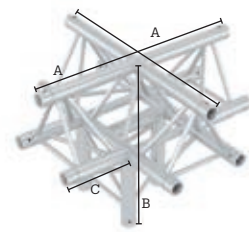
4 way corner 90° left

| Code | kg | lbs | mm | in |
|------------|-----|---------|-------------------|----|
| 3CF30H-J45 | 7.3 | (16.10) | A 742 (29 13/64") | |
| | | | B 500 (19 43/64") | |
| | | | C 330 (12 63/64") | |



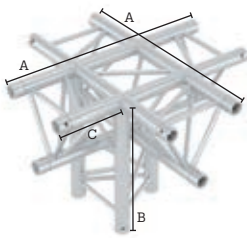
5 way T-piece

| Code | kg | lbs | mm | in |
|------------|-----|---------|-------------------|----|
| 3CF30H-J51 | 9.2 | (20.29) | A 742 (29 13/64") | |
| | | | B 500 (19 43/64") | |
| | | | C 710 (27 15/16") | |



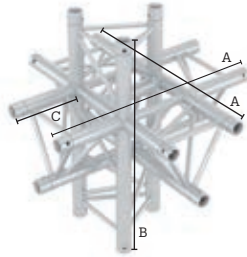
5 way cross down leg apex up

| Code | kg | lbs | mm | in |
|------------|-----|---------|-------------------|----|
| 3CF30H-J52 | 8.5 | (18.74) | A 710 (27 15/16") | |
| | | | B 500 (19 43/64") | |
| | | | C 210 (8 17/64") | |



5 way cross down leg apex down

| Code | kg | lbs | mm | in |
|------------|-----|---------|-------------------|----|
| 3CF30H-J53 | 9.0 | (19.85) | A 710 (27 15/16") | |
| | | | B 500 (19 43/64") | |
| | | | C 210 (8 17/64") | |

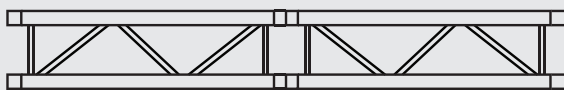


6 way T-piece

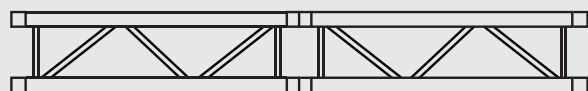
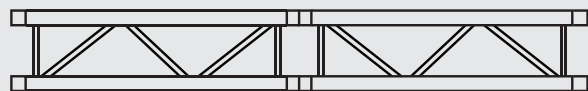
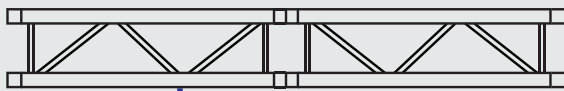
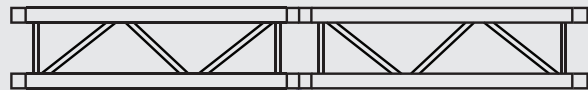
| Code | kg | lbs | mm | in |
|------------|------|---------|-------------------|----|
| 3CF30H-J61 | 10.6 | (23.37) | A 710 (27 15/16") | |
| | | | B 742 (29 13/64") | |
| | | | C 210 (8 17/64") | |

Attaching loads

Attaching loads near the coupler should be done as shown below:



To be checked by an engineer!



F/2 F/2

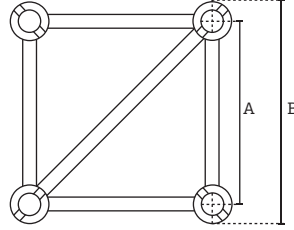
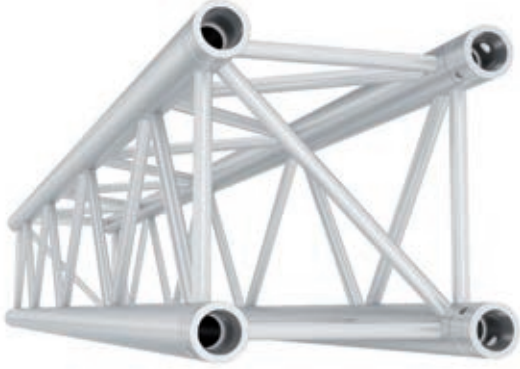


Always take extreme care when attaching loads to truss. Incorrect attachment points and truss orientation can have extremely dangerous consequences. Ensure the attachments you make on each truss format - quato, trio or duo - observe safe practices.



JT30H QUATRO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Versatile system widely used for PA Towers, Rigging Towers and Roofs
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span (up to 20 m / 65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | |
|--------------|----------------------|----------------------------|
| Code: | 4CF30H | |
| Main Chords: | mm in | 48x3 (1 7/8"x7/64") |
| Diagonals: | mm in | 16x2 (5/8"x3/32") |
| Alloy: | EN-AW 6082 T6 | |
| A | mm in | 239 (9 7/16") |
| B | mm in | 287 (11 21/64") |
| Coupler: | CCF | |

Standard lengths and weights

| Code | 4CF30H-L500 | 4CF30H-L1000 | 4CF30H-L1500 | 4CF30H-L2000 | 4CF30H-L2500 | 4CF30H-L3000 | 4CF30H-L4000 | 4CF30H-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 3.9 (8.60) | 6.8 (14.99) | 9.6 (21.17) | 12.4 (27.34) | 15.2 (33.52) | 18.1 (39.91) | 23.9 (52.70) | 29.4 (64.83) |

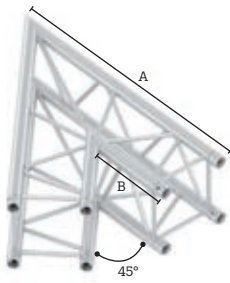
Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 4 | 427.5 | 8.2 | 1456 | 11.1 | 855.1 | 11.1 | 570.1 | 10.3 | 427.5 | 9.8 |
| 5 | 340.8 | 15.9 | 1198 | 17.9 | 852.1 | 21.6 | 568.1 | 20.1 | 426.1 | 19.2 |
| 6 | 283 | 27.6 | 1009 | 26.2 | 721 | 31.8 | 528.2 | 32.5 | 424.6 | 33.2 |
| 7 | 241.8 | 43.8 | 873 | 36.3 | 628 | 44.2 | 450 | 44.2 | 367 | 45.9 |
| 8 | 195.5 | 60.8 | 762 | 47.8 | 557 | 59.1 | 390.9 | 57.8 | 325.8 | 61.2 |
| 10 | 123 | 95.1 | 614.8 | 77.1 | 447 | 94.3 | 307.4 | 90.6 | 256.1 | 95.8 |
| 12 | 83.6 | 137.3 | 501.4 | 111.8 | 376 | 140.1 | 250.7 | 130.9 | 208.9 | 138.3 |
| 14 | 59.8 | 187.3 | 418.7 | 153.6 | 314 | 191.1 | 209.3 | 178.9 | 174.4 | 188.7 |
| 16 | 44.4 | 245.4 | 355.1 | 202.7 | 266.4 | 250.2 | 177.6 | 234.7 | 148 | 247.1 |
| 18 | 33.8 | 311.7 | 304.4 | 259.6 | 228.3 | 317.5 | 152.2 | 298.7 | 126.8 | 313.8 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|-----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|-----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 13' 1" | 287.26 | 5/16" | 978.38 | 27/64" | 574.59 | 27/64" | 383.09 | 25/64" | 287.26 | 3/8" |
| 16' 5" | 229.00 | 5/8" | 805.01 | 45/64" | 572.58 | 27/32" | 381.74 | 25/32" | 286.32 | 3/4" |
| 19' 8" | 190.17 | 1 5/64" | 678.01 | 1 1/32" | 484.48 | 1 1/4" | 354.93 | 1 17/64" | 285.32 | 1 19/64" |
| 22' 12" | 162.48 | 1 23/32" | 586.62 | 1 27/64" | 421.99 | 1 47/64" | 302.38 | 1 47/64" | 246.61 | 1 51/64" |
| 26' 3" | 131.37 | 2 25/64" | 512.04 | 1 7/8" | 374.28 | 2 5/16" | 262.67 | 2 17/64" | 218.93 | 2 13/32" |
| 32' 10" | 82.65 | 3 47/64" | 413.12 | 3 1/32" | 300.37 | 3 45/64" | 206.56 | 3 9/16" | 172.09 | 3 49/64" |
| 39' 4" | 56.18 | 5 25/64" | 336.92 | 4 25/64" | 252.66 | 5 33/64" | 168.46 | 5 9/64" | 140.37 | 5 7/16" |
| 45' 11" | 40.18 | 7 23/64" | 281.35 | 6 3/64" | 211.00 | 7 33/64" | 140.64 | 7 1/32" | 117.19 | 7 27/64" |
| 52' 6" | 29.84 | 9 21/32" | 238.61 | 7 31/32" | 179.01 | 9 27/32" | 119.34 | 9 15/64" | 99.45 | 9 23/32" |
| 59' 1" | 22.71 | 12 17/64" | 204.55 | 10 7/32" | 153.41 | 12 1/2" | 102.27 | 11 3/4" | 85.20 | 12 11/32" |

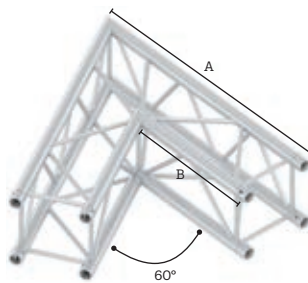
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



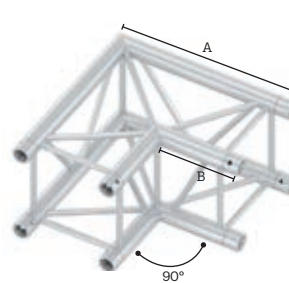
2 way corner 45°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|---------------|--------------------|
| 4CF30H-J19 | 8.7 | (19.18) | A 1000 | (39 23/64") |
| | | | B 300 | (11 51/64") |



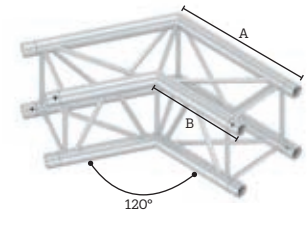
2 way corner 60°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|---------------|--------------------|
| 4CF30H-J20 | 9.6 | (21.17) | A 1000 | (39 23/64") |
| | | | B 498 | (19 19/32") |



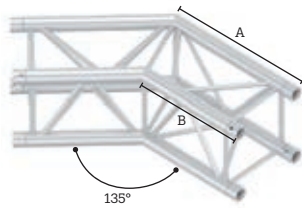
2 way corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J21 | 5.1 | (11.25) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



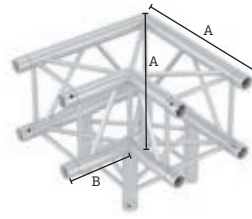
2 way corner 120°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J22 | 5.8 | (12.79) | A 500 | (19 43/64") |
| | | | B 333 | (13 7/64") |



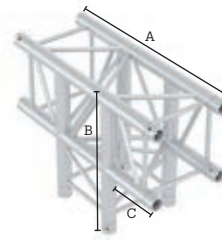
2 way corner 135°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J23 | 6.2 | (13.67) | A 500 | (19 43/64") |
| | | | B 380 | (14 61/64") |



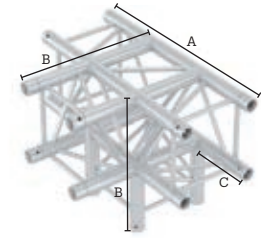
3 way corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J30 | 6.8 | (14.99) | A 500 | (19 43/64") |
| | | | B 210 | (8 17/64") |



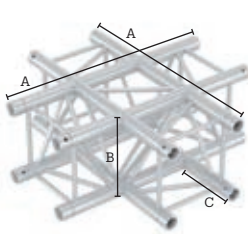
3 way T-piece

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J35 | 7.7 | (16.98) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



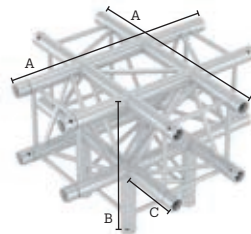
4 way T-piece leg down

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J40 | 9.4 | (20.73) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |



4 way cross piece

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 4CF30H-J41 | 9.4 | (20.73) | A 710 | (27 15/16") |
| | | | B 210 | (8 17/64") |

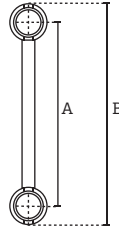


5 way cross down leg

| Code | kg | lbs | mm | in |
|-------------------|-------------|----------------|--------------|--------------------|
| 4CF30H-J51 | 11.1 | (24.48) | A 710 | (27 15/16") |
| | | | B 500 | (19 43/64") |
| | | | C 210 | (8 17/64") |

JT40H DUO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Extended free-span (up to 20 m / 65') and loading characteristics
- Custom lengths, junctions and curves available
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | | |
|--------------|----|----|----------------------------|
| Code: | | | 2CF40H |
| Main Chords: | mm | in | 48x3 (1 7/8"x7/64") |
| Diagonals: | mm | in | 20x2 (25/32"x5/34") |
| Alloy: | | | EN-AW 6082 T6 |
| A | mm | in | 339 (13 3/8") |
| B | mm | in | 387 (15 17/64") |
| Coupler: | | | CCF |

Standard lengths and weights

| Code | 2CF40H-L500 | 2CF40H-L1000 | 2CF40H-L1500 | 2CF40H-L2000 | 2CF40H-L2500 | 2CF40H-L3000 | 2CF40H-L4000 | 2CF40H-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 1.8 (3.97) | 3.2 (7.06) | 4.5 (9.92) | 5.8 (12.79) | 7.1 (15.66) | 8.5 (18.74) | 11.2 (24.70) | 13.8 (30.43) |

Loading chart

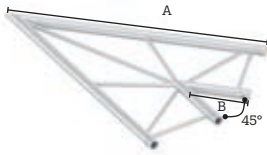
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|------|-------------------|------|------------------|------|--------------------|------|----------------|------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 3 | 343.5 | 2.1 | 1030.4 | 3.3 | 515.2 | 2.8 | 343.5 | 2.6 | 257.6 | 2.5 |
| 4 | 256.8 | 4.9 | 955 | 7.3 | 513.6 | 6.7 | 342.4 | 6.2 | 256.8 | 5.9 |
| 5 | 204.8 | 9.6 | 801 | 12 | 512 | 13 | 341.3 | 12.1 | 256 | 11.6 |
| 6 | 170.1 | 16.6 | 687 | 17.9 | 480 | 21.2 | 340.3 | 21 | 255.2 | 20 |
| 7 | 145.4 | 26.4 | 600 | 24.9 | 425 | 30 | 316 | 31 | 254.4 | 31.8 |
| 8 | 126.8 | 39.4 | 528 | 33 | 379 | 40.1 | 278 | 41 | 225 | 42.1 |
| 9 | 111.4 | 55.7 | 471 | 42.3 | 342 | 51.9 | 246 | 51.9 | 200 | 53.9 |
| 10 | 89.6 | 68.8 | 426 | 52.9 | 309 | 64.8 | 220 | 64.2 | 181 | 67.3 |
| 11 | 73.5 | 83.3 | 384 | 64.2 | 282 | 79.3 | 198 | 77.8 | 163 | 81.5 |
| 12 | 61.2 | 99.2 | 353 | 77.4 | 259 | 95.5 | 182 | 93.6 | 149 | 97.1 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 9' 10" | 230.82 | 5/64" | 692.39 | 1/8" | 346.19 | 7/64" | 230.82 | 3/32" | 173.10 | 3/32" |
| 13' 1" | 172.56 | 3/16" | 641.72 | 9/32" | 345.12 | 1/4" | 230.08 | 15/64" | 172.56 | 7/32" |
| 16' 5" | 137.62 | 3/8" | 538.24 | 15/32" | 344.04 | 1/2" | 229.34 | 15/32" | 172.02 | 29/64" |
| 19' 8" | 114.30 | 41/64" | 461.64 | 45/64" | 322.54 | 53/64" | 228.67 | 13/16" | 171.48 | 25/32" |
| 22' 12" | 97.70 | 11/32" | 403.18 | 31/32" | 285.58 | 1 11/64" | 212.34 | 1 7/32" | 170.95 | 1 1/4" |
| 26' 3" | 85.20 | 1 35/64" | 354.80 | 1 19/64" | 254.67 | 1 37/64" | 186.81 | 1 39/64" | 151.19 | 1 21/32" |
| 29' 6" | 74.86 | 2 3/16" | 316.49 | 1 21/32" | 229.81 | 2 1/32" | 165.30 | 2 1/32" | 134.39 | 2 7/64" |
| 32' 10" | 60.21 | 2 45/64" | 286.26 | 2 5/64" | 207.64 | 2 35/64" | 147.83 | 2 33/64" | 121.63 | 2 41/64" |
| 36' 1" | 49.39 | 3 17/64" | 258.03 | 2 33/64" | 189.49 | 3 7/64" | 133.05 | 3 1/16" | 109.53 | 3 13/64" |
| 39' 4" | 41.12 | 3 57/64" | 237.20 | 3 3/64" | 174.04 | 3 3/4" | 122.30 | 3 43/64" | 100.12 | 3 13/16" |

DUO figures are based on use in vertical mode and stabilized every 1 m (3' 3")

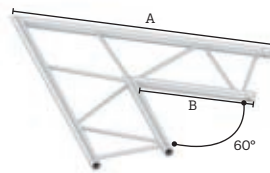
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



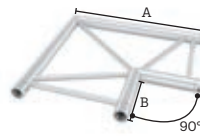
2 way horizontal corner 45°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|---------------|--------------------|
| 2CF40H-JH19 | 4.5 | (9.92) | A 1200 | (47 15/64") |
| | | | B 263 | (10 11/32") |



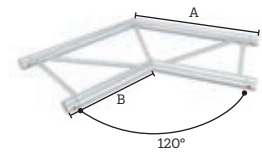
2 way horizontal corner 60°

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|---------------|--------------------|
| 2CF40H-JH20 | 5.1 | (11.25) | A 1200 | (47 15/64") |
| | | | B 528 | (20 25/32") |



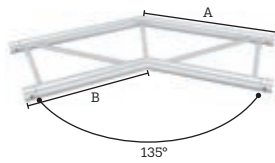
2 way horizontal corner 90°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JH21 | 2.7 | (5.95) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



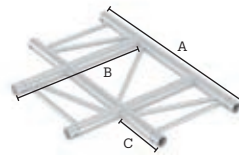
2 way horizontal corner 120°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JH22 | 3.1 | (6.84) | A 600 | (23 39/64") |
| | | | B 376 | (14 51/64") |



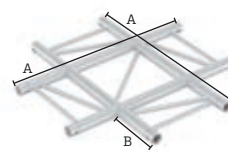
2 way horizontal corner 135°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JH23 | 3.2 | (7.06) | A 600 | (23 39/64") |
| | | | B 439 | (17 9/32") |



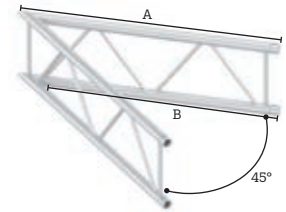
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JH35 | 4.2 | (9.26) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |



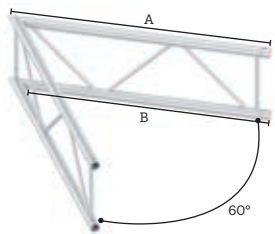
4 way horizontal cross piece

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|--------------|-------------------|
| 2CF40H-JH41 | 5.1 | (11.25) | A 810 | (31 7/8") |
| | | | B 212 | (8 11/32") |



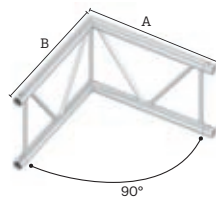
2 way vertical corner 45°

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|---------------|--------------------|
| 2CF40H-JV19 | 6.7 | (14.77) | A 1200 | (47 15/64") |
| | | | B 1084 | (42 43/64") |



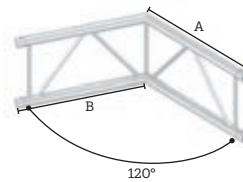
2 way vertical corner 60°

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|---------------|--------------------|
| 2CF40H-JV20 | 6.7 | (14.77) | A 1200 | (47 15/64") |
| | | | B 1117 | (43 31/32") |



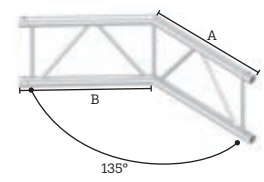
2 way vertical corner 90°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JV21 | 3.7 | (8.16) | A 600 | (23 39/64") |
| | | | B 552 | (21 23/32") |



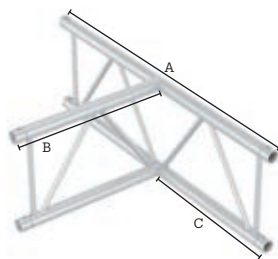
2 way vertical corner 120°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JV22 | 3.7 | (8.16) | A 600 | (23 39/64") |
| | | | B 572 | (22 33/64") |



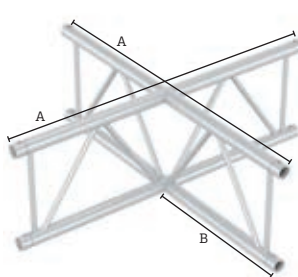
2 way vertical corner 135°

| Code | kg | lbs | mm | in |
|--------------------|------------|---------------|--------------|--------------------|
| 2CF40H-JV23 | 3.8 | (8.38) | A 600 | (23 39/64") |
| | | | B 580 | (22 53/64") |



3 way vertical T-piece

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|---------------|--------------------|
| 2CF40H-JV36 | 5.4 | (11.91) | A 1150 | (45 17/64") |
| | | | B 600 | (23 39/64") |
| | | | C 552 | (21 23/32") |

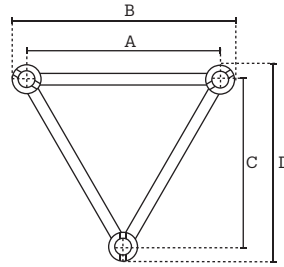


4 way vertical cross piece

| Code | kg | lbs | mm | in |
|--------------------|------------|----------------|---------------|--------------------|
| 2CF40H-JV41 | 7.1 | (15.66) | A 1150 | (45 17/64") |
| | | | B 551 | (21 11/16") |

JT40H TRIO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Extended free-span (up to 20 m / 65') and loading characteristics
- Custom lengths, junctions and curves available
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | |
|--------------|-------|----------------------------|
| Code: | | 3CF40H |
| Main Chords: | mm in | 48x3 (1 7/8"x7/64") |
| Diagonals: | mm in | 20x2 (25/32"x5/34") |
| Alloy: | | EN-AW 6082 T6 |
| A | mm in | 339 (13 3/8") |
| B | mm in | 387 (15 17/64") |
| C | mm in | 394 (15 1/2") |
| D | mm in | 294 (13 29/64") |
| Coupler: | | CCF |

Standard lengths and weights

| Code | 3CF40H-L500 | 3CF40H-L1000 | 3CF40H-L1500 | 3CF40H-L2000 | 3CF40H-L2500 | 3CF40H-L3000 | 3CF40H-L4000 | 3CF40H-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 3.1 (6.84) | 5.5 (12.13) | 7.7 (16.98) | 10.1 (22.27) | 12.3 (27.12) | 14.6 (32.19) | 19.2 (42.34) | 23.8 (52.48) |

Loading chart

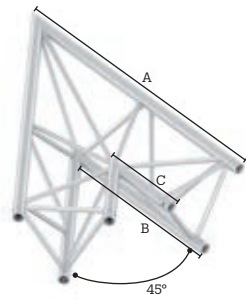
| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 4 | 443.9 | 8.5 | 922 | 7.1 | 662 | 8.6 | 486 | 8.8 | 393 | 9.1 |
| 5 | 315.1 | 14.8 | 748 | 11.3 | 543 | 13.9 | 386 | 13.8 | 315 | 14.3 |
| 6 | 216.8 | 21.3 | 624 | 16.5 | 459 | 20.5 | 322 | 20.1 | 263 | 20.9 |
| 7 | 157.6 | 29.1 | 535 | 22.8 | 393 | 28.3 | 275.8 | 27.7 | 225 | 28.7 |
| 8 | 119.2 | 38 | 462 | 30 | 343 | 37.3 | 238.3 | 36.2 | 195 | 37.6 |
| 9 | 92.8 | 48.2 | 409 | 38.5 | 304 | 47.8 | 208.8 | 46 | 174 | 48.5 |
| 10 | 73.9 | 59.6 | 362 | 47.9 | 272 | 59.7 | 184.9 | 56.9 | 154.1 | 60 |
| 12 | 49.4 | 86.1 | 296.3 | 71.1 | 222.3 | 87.8 | 148.2 | 82.4 | 123.5 | 86.7 |
| 14 | 34.6 | 117.8 | 242.1 | 98.3 | 181.6 | 120 | 121 | 112.9 | 100.9 | 118.6 |
| 16 | 25 | 154.6 | 199.8 | 130.6 | 149.8 | 157.3 | 99.9 | 148.6 | 83.2 | 155.6 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 13' 1" | 298.28 | 21/64" | 619.55 | 17/64" | 444.84 | 21/64" | 326.57 | 11/32" | 264.08 | 11/32" |
| 16' 5" | 211.74 | 37/64" | 502.63 | 7/16" | 364.88 | 35/64" | 259.38 | 17/32" | 211.67 | 9/16" |
| 19' 8" | 145.68 | 53/64" | 419.30 | 41/64" | 308.43 | 51/64" | 216.37 | 25/32" | 176.73 | 13/16" |
| 22' 12" | 105.90 | 1 9/64" | 359.50 | 57/64" | 264.08 | 1 7/64" | 185.33 | 1 5/64" | 151.19 | 1 1/8" |
| 26' 3" | 80.10 | 1 31/64" | 310.45 | 1 11/64" | 230.48 | 1 29/64" | 160.13 | 1 27/64" | 131.03 | 1 15/32" |
| 29' 6" | 62.36 | 1 57/64" | 274.83 | 1 33/64" | 204.28 | 1 7/8" | 140.31 | 1 51/64" | 116.92 | 1 29/32" |
| 32' 10" | 49.66 | 2 11/32" | 243.25 | 1 7/8" | 182.77 | 2 11/32" | 124.25 | 2 15/64" | 103.55 | 2 23/64" |
| 39' 4" | 33.19 | 3 3/8" | 199.10 | 2 51/64" | 149.38 | 3 29/64" | 99.58 | 3 15/64" | 82.99 | 3 13/32" |
| 45' 11" | 23.25 | 4 5/8" | 162.68 | 3 55/64" | 122.03 | 4 23/32" | 81.31 | 4 7/16" | 67.80 | 4 21/32" |
| 52' 6" | 16.80 | 6 5/64" | 134.26 | 5 9/64" | 100.66 | 6 3/16" | 67.13 | 5 27/32" | 55.91 | 6 1/8" |

TRIO figures are based on use in apex up/down orientation

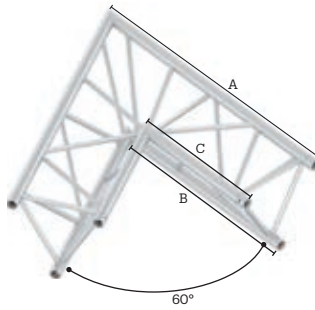
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



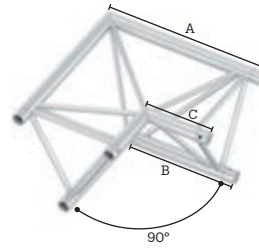
2 way corner 45°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|---------------|-------------|
| 3CF40H-J19 | 7.7 | (16.98) | A 1200 | (47 15/64") |
| | | | B 674 | (26 17/32") |
| | | | C 263 | (10 11/32") |



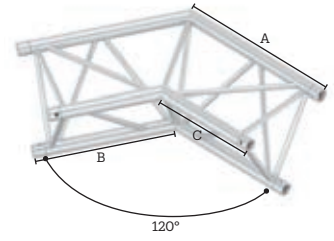
2 way corner 60°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|---------------|-------------|
| 3CF40H-J20 | 9.0 | (19.85) | A 1200 | (47 15/64") |
| | | | B 822 | (32 23/64") |
| | | | C 528 | (20 25/32") |



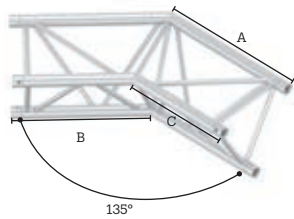
2 way corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J21 | 4.8 | (10.58) | A 600 | (23 39/64") |
| | | | B 382 | (15 1/32") |
| | | | C 212 | (8 11/32") |



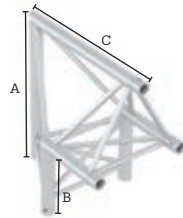
2 way corner 120°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J22 | 5.6 | (12.35) | A 600 | (23 39/64") |
| | | | B 474 | (18 21/32") |
| | | | C 376 | (14 51/64") |



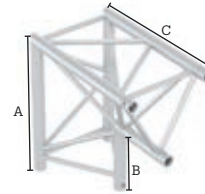
2 way corner 135°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J23 | 6.0 | (13.23) | A 600 | (23 39/64") |
| | | | B 510 | (20 5/64") |
| | | | B 439 | (17 9/32") |



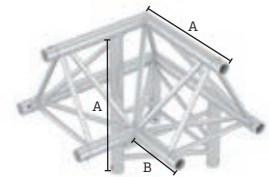
2 way corner 90° apex out

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J24 | 4.6 | (10.14) | A 600 | (23 39/64") |
| | | | B 258 | (10 5/32") |



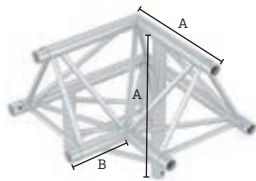
2 way corner 90° apex in

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J25 | 5.5 | (12.13) | A 600 | (23 39/64") |
| | | | B 258 | (10 5/32") |



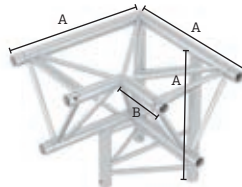
3 way corner 90° apex up right

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J31 | 6.8 | (14.99) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



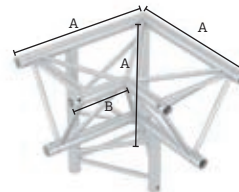
3 way corner 90° apex up left

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J32 | 6.8 | (14.99) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



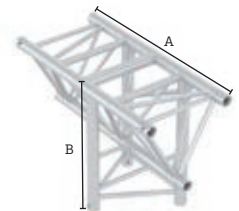
3 way corner 90° apex down right

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J33 | 7.3 | (16.10) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



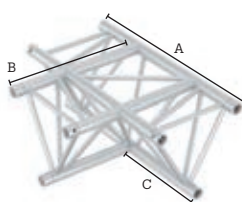
3 way corner 90° apex down left

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J34 | 7.3 | (16.10) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



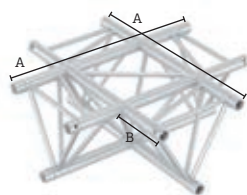
3 way vertical T-piece apex down

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J35 | 8.4 | (18.52) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 258 | (10 5/32") |



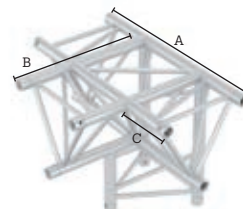
3 way horizontal T-piece

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J36 | 7.3 | (16.10) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 382 | (15 1/32") |



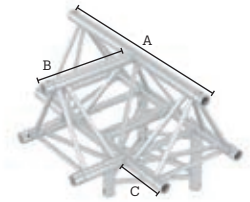
4 way cross piece

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|------------|
| 3CF40H-J41 | 9.1 | (20.07) | A 810 | (31 7/8") |
| | | | B 212 | (8 11/32") |



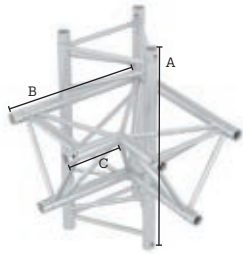
4 way T-piece apex down

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J42 | 9.8 | (21.61) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 382 | (15 1/32") |



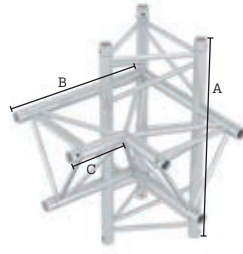
4 way T-piece apex up

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 3CF40H-J43 | 9.0 | (19.85) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |



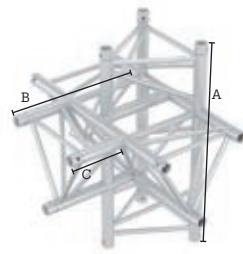
4 way corner 90° right

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF40H-J44 | 9.3 | (20.51) | A 855 | (33 21/32") |
| | | | B 600 | (23 39/64") |
| | | | C 382 | (15 1/32") |



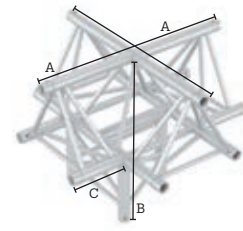
4 way corner 90° left

| Code | kg | lbs | mm | in |
|-------------------|------------|----------------|--------------|--------------------|
| 3CF40H-J45 | 9.3 | (20.51) | A 855 | (33 21/32") |
| | | | B 600 | (23 39/64") |
| | | | C 382 | (15 1/32") |



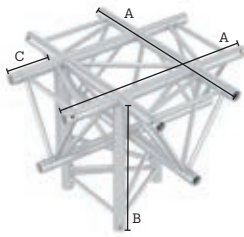
5 way T-piece

| Code | kg | lbs | mm | in |
|-------------------|-------------|----------------|--------------|--------------------|
| 3CF40H-J51 | 11.8 | (26.02) | A 855 | (33 21/32") |
| | | | B 600 | (23 39/64") |
| | | | C 810 | (31 7/8") |



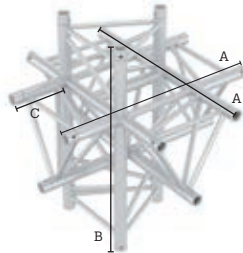
5 way cross down leg apex up

| Code | kg | lbs | mm | in |
|-------------------|-------------|----------------|--------------|--------------------|
| 3CF40H-J52 | 10.7 | (23.59) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |



5 way cross down leg apex down

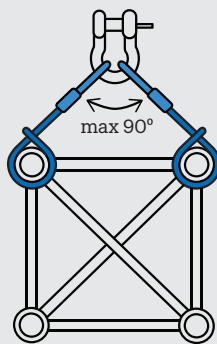
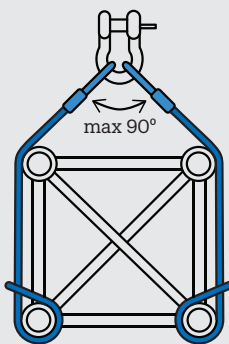
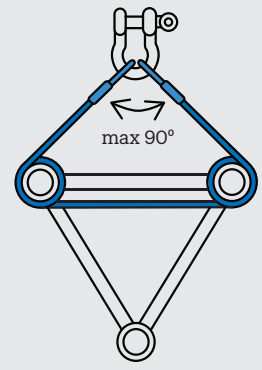
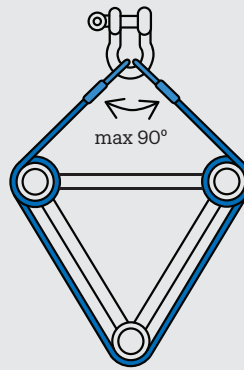
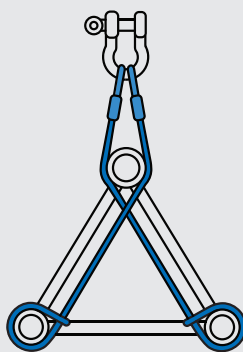
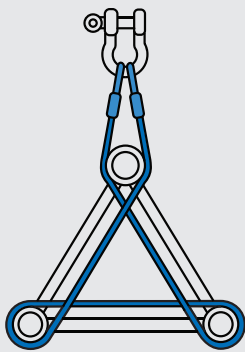
| Code | kg | lbs | mm | in |
|-------------------|-------------|----------------|--------------|--------------------|
| 3CF40H-J53 | 11.6 | (25.58) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |



6 way T-piece

| Code | kg | lbs | mm | in |
|-------------------|-------------|----------------|--------------|--------------------|
| 3CF40H-J61 | 13.5 | (29.77) | A 810 | (31 7/8") |
| | | | B 855 | (33 21/32") |
| | | | C 212 | (8 11/32") |

Recommended slinging methods



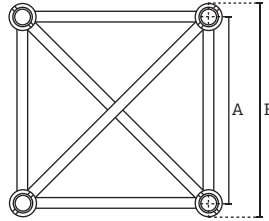
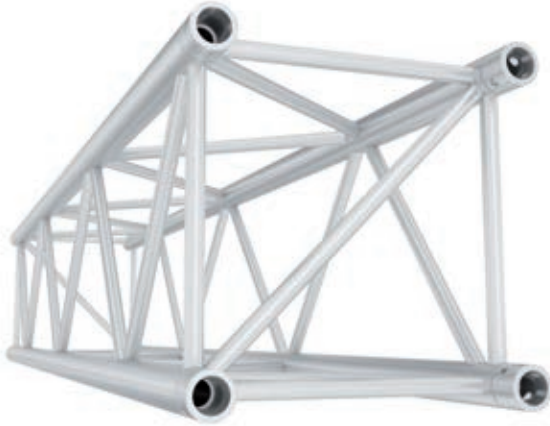
CAUTION

Duo truss need very special attention for slinging. Stabilisation of the top chord is vital for the load capacity. Only the bottom chord should be loaded. Other load applications need structural analysis before use.



JT40H QUATRO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Extended free-span (up to 20 m / 65') and loading characteristics
- Custom lengths, junctions and curves available
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



| | | |
|--------------|-------|----------------------------|
| Code: | | 4CF40H |
| Main Chords: | mm in | 48x3 (1 7/8"x7/64") |
| Diagonals: | mm in | 20x2 (25/32"x5/34") |
| Alloy: | | EN-AW 6082 T6 |
| A | mm in | 339 (13 3/8") |
| B | mm in | 387 (15 17/64") |
| Coupler: | | CCF |

Standard lengths and weights

| Code | 4CF40H-L500 | 4CF40H-L1000 | 4CF40H-L1500 | 4CF40H-L2000 | 4CF40H-L2500 | 4CF40H-L3000 | 4CF40H-L4000 | 4CF40H-L5000 |
|------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 1") | 5.00 (16' 5") |
| kg | 4.4 (9.70) | 7.6 (16.76) | 10.5 (23.15) | 13.7 (30.21) | 16.6 (36.60) | 19.9 (43.88) | 26.6 (58.65) | 32.2 (71.00) |

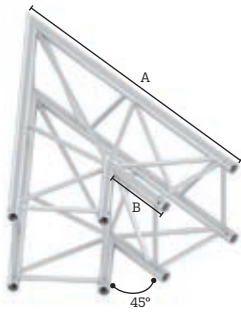
Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 2 | 1032.7 | 0.6 | 2065.5 | 1 | 1032.7 | 0.8 | 688.5 | 0.8 | 516.4 | 0.7 |
| 4 | 512.7 | 4.9 | 1928 | 7.4 | 1025.4 | 6.7 | 683.6 | 6.2 | 512.7 | 5.9 |
| 6 | 339.4 | 16.6 | 1372 | 17.9 | 957 | 21.2 | 678.7 | 20.9 | 509 | 20 |
| 8 | 252.7 | 39.4 | 1052 | 33 | 755 | 40.1 | 554 | 41 | 448 | 42.1 |
| 10 | 178.3 | 68.8 | 847 | 53 | 615 | 64.9 | 437 | 64.3 | 360 | 67.3 |
| 12 | 121.6 | 99.3 | 700 | 77.7 | 514 | 95.6 | 364.7 | 94.6 | 295 | 97.2 |
| 14 | 87.4 | 135.4 | 593 | 107.7 | 440 | 133.1 | 305.8 | 129.2 | 250 | 133.9 |
| 16 | 65.2 | 177.3 | 506 | 142 | 379 | 176 | 260.7 | 169.4 | 217.3 | 178.6 |
| 18 | 50 | 225.1 | 436 | 181.7 | 330 | 225.4 | 224.8 | 215.4 | 187.3 | 226.6 |
| 20 | 39.1 | 278.8 | 379 | 227.1 | 293 | 283.9 | 195.4 | 267.2 | 162.8 | 280.6 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|-----------|-------------------|----------|------------------|-----------|--------------------|-----------|----------------|----------|
| | lbs/ft | in | lbs | in | lbs (2x) | in | lbs (3x) | in | lbs (4x) | in |
| 6' 7" | 693.94 | 1/64" | 1387.94 | 1/32" | 693.94 | 1/32" | 462.65 | 1/32" | 347.00 | 1/64" |
| 13' 1" | 344.51 | 3/16" | 1295.54 | 9/32" | 689.03 | 1/4" | 459.35 | 15/64" | 344.51 | 7/32" |
| 19' 8" | 228.06 | 41/64" | 921.93 | 45/64" | 643.07 | 53/64" | 456.06 | 13/16" | 342.03 | 25/32" |
| 26' 3" | 169.80 | 1 35/64" | 706.90 | 1 19/64" | 507.33 | 1 37/64" | 372.27 | 1 39/64" | 301.04 | 1 21/32" |
| 32' 10" | 119.81 | 2 45/64" | 569.15 | 2 5/64" | 413.26 | 2 35/64" | 293.65 | 2 17/32" | 241.91 | 2 41/64" |
| 39' 4" | 81.71 | 3 29/32" | 470.37 | 3 3/64" | 345.39 | 3 3/4" | 245.06 | 3 23/32" | 198.23 | 3 13/16" |
| 45' 11" | 58.73 | 5 21/64" | 398.47 | 4 15/64" | 295.66 | 5 15/64" | 205.49 | 5 5/64" | 167.99 | 5 17/64" |
| 52' 6" | 43.81 | 6 31/32" | 340.01 | 5 37/64" | 254.67 | 6 59/64" | 175.18 | 6 21/32" | 146.02 | 7 1/32" |
| 59' 1" | 33.60 | 8 55/64" | 292.98 | 7 9/64" | 221.75 | 8 55/64" | 151.06 | 8 15/32" | 125.86 | 8 29/32" |
| 65' 7" | 26.27 | 10 31/32" | 254.67 | 8 15/16" | 196.88 | 11 11/64" | 131.30 | 10 33/64" | 109.40 | 11 3/64" |

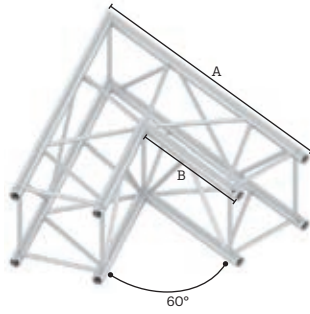
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



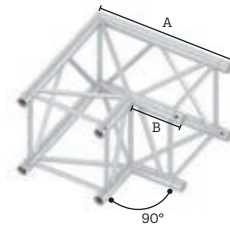
2 way corner 45°

| Code | kg | lbs | mm | in |
|-------------------|-------------|---------|---------------|-------------|
| 4CF40H-J19 | 10.7 | (23.59) | A 1200 | (47 15/64") |
| | | | B 263 | (10 11/32") |



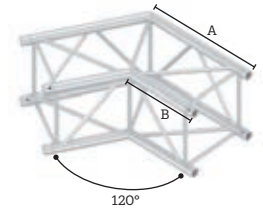
2 way corner 60°

| Code | kg | lbs | mm | in |
|-------------------|-------------|---------|---------------|-------------|
| 4CF40H-J20 | 12.0 | (26.46) | A 1200 | (47 15/64") |
| | | | B 528 | (20 25/32") |



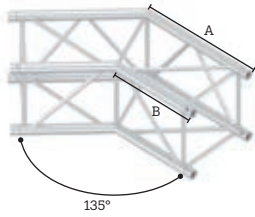
2 way corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 4CF40H-J21 | 6.6 | (14.55) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



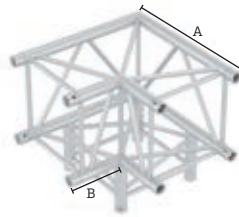
2 way corner 120°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 4CF40H-J22 | 7.4 | (16.32) | A 600 | (23 39/64") |
| | | | B 376 | (14 51/64") |



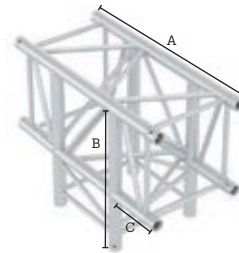
2 way corner 135°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 4CF40H-J23 | 7.7 | (16.98) | A 600 | (23 39/64") |
| | | | B 439 | (17 9/32") |



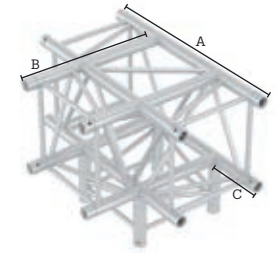
3 way corner 90°

| Code | kg | lbs | mm | in |
|-------------------|------------|---------|--------------|-------------|
| 4CF40H-J30 | 8.6 | (18.96) | A 600 | (23 39/64") |
| | | | B 212 | (8 11/32") |



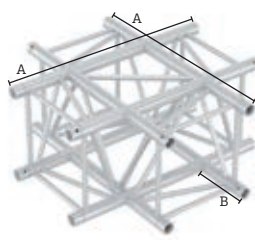
3 way T-piece

| Code | kg | lbs | mm | in |
|-------------------|-------------|---------|--------------|-------------|
| 4CF40H-J35 | 10.0 | (22.05) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |



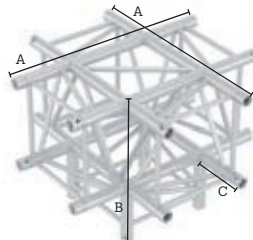
4 way T-piece leg down

| Code | kg | lbs | mm | in |
|-------------------|-------------|---------|--------------|-------------|
| 4CF40H-J40 | 12.1 | (26.68) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |



4 way cross piece

| Code | kg | lbs | mm | in |
|-------------------|-------------|---------|--------------|------------|
| 4CF40H-J41 | 12.1 | (26.68) | A 810 | (31 7/8") |
| | | | B 212 | (8 11/32") |



5 way cross down leg

| Code | kg | lbs | mm | in |
|-------------------|-------------|---------|--------------|-------------|
| 4CF40H-J51 | 14.1 | (31.09) | A 810 | (31 7/8") |
| | | | B 600 | (23 39/64") |
| | | | C 212 | (8 11/32") |

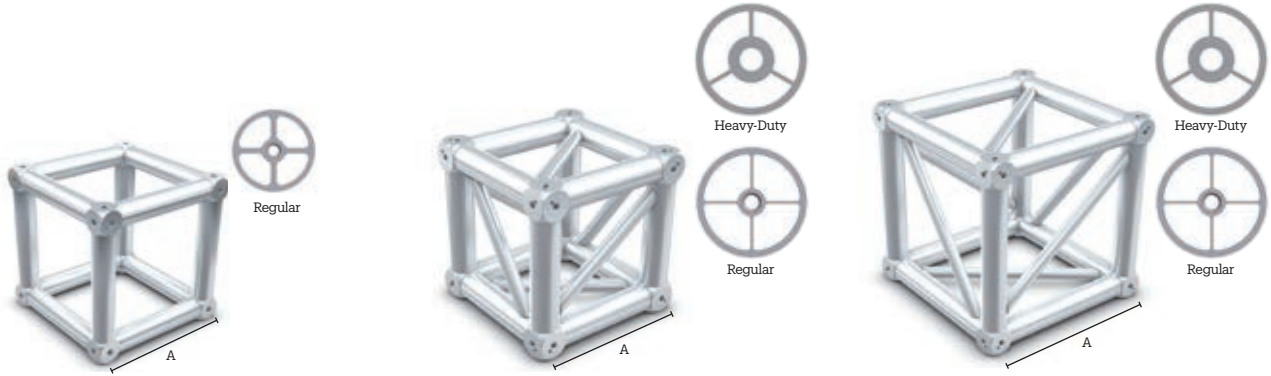




Multicubes & Bookcorners

Conical Truss Multicubes

- The perfect solution for production house stock inventory
- Integrated location holes for quick set-up & re-configuration
- Regular & heavy-duty versions available
- Heavy-duty cubes enable maximum loading capacity from your trusses
- Male & female receiver accessories available
- Flexible use
- Profiled tube with thread



Multicube for JT22 QUATRO

| Truss series - w/o Connection Kit | | | |
|-----------------------------------|-----|-------|------------------|
| Code | kg | (lbs) | mm in |
| 4CM22-MC8 | 2.4 | (5.3) | A 222 (8 47/64") |

Multicube for JT30 & JT30H QUATRO

| Truss series - w/o Connection Kit | | | |
|-----------------------------------|-----|--------|-----------------|
| Code | kg | (lbs) | mm in |
| 4CF30-MC8 | 5 | (11) | A 289 (11 3/8") |
| 4CF30HD-MC8 | 8.1 | (17.6) | A 289 (11 3/8") |

Multicube for JT40H QUATRO

| Truss series - w/o Connection Kit | | | |
|-----------------------------------|----|-------|-------------------|
| Code | kg | (lbs) | mm in |
| 4CF40-MC8 | 6 | (13) | A 388 (15 17/64") |
| 4CF40HD-MC8 | 11 | (24) | A 388 (15 17/64") |

Conical Truss Bookcorners

- Bookcorners provide an angular solution to an acute problem
- Rigid aluminium profile construction with bolted male or female receivers
- Corners can be configured for TRIO or QUATRO formats
- Free range of 0-180° angle adjustability



Bookcorner for JT30, JT30H Truss Series - w/o Connection Kit

| Series | Code | kg | (lbs) |
|-------------|----------|-----|--------|
| JT30, JT30H | 4CF30-BC | 6.2 | (13.6) |

Can be attached for use with JT30 QUATRO & TRIO (apex up/down) formats.

Bookcorner for JT40H Truss Series - w/o Connection Kit

| Series | Code | kg | (lbs) |
|--------|----------|-----|-------|
| JT40H | 4CF40-BC | 8.6 | (19) |

Can be attached for use with JT40H QUATRO & TRIO (apex up/down) formats.

Male fitting supplied with M12x75 bolt

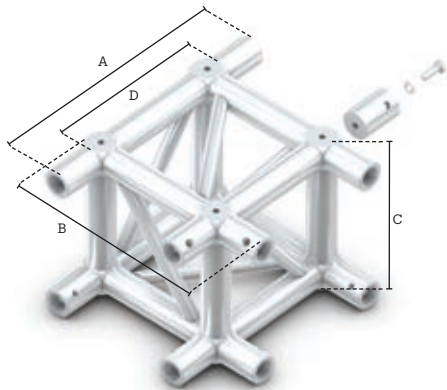
| Series | Code | kg | (lbs) |
|--------------------|--------|------|--------|
| JT30, JT30H, JT40H | CON340 | 0.23 | (0.51) |

Male fitting w/o location pin for book corner truss series CF30/CF40H, incl. bolt + washer

Multicubes connector use

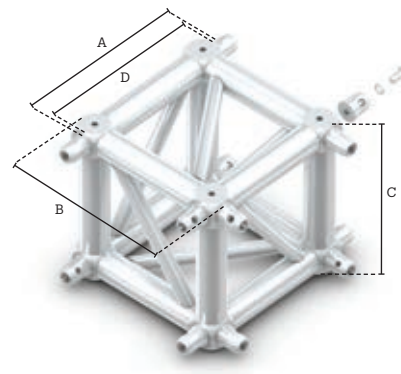
FEMALE CONNECTORS

| Cube type | CON code | Female connector | Bolt | Washer | Shoulder length |
|-------------|----------|------------------|--------------|------------|-----------------|
| 4CM22-MC8 | CON314 | M Multicube | M10x25 ALLEN | d10.2/18.1 | 50 (1 61/64") |
| 4CF30-MC8 | CON335 | F Multicube | M12x35 HEX | d12.2/21 | 75 (2 15/16") |
| 4CF30HD-MC8 | | | | | |
| 4CF40-MC8 | | | | | |
| 4CF40HD-MC8 | | | | | |



MALE HALF CONNECTORS

| Cube type | CON code | Male half connector | Bolt | Washer | Shoulder length |
|-------------|----------|---------------------|--------------------|----------|-----------------|
| 4CM22-MC8 | CON315 | MM-D10-steel | M10x16 ALLEN; 8.8 | d10.2/16 | 1 (1/32") |
| 4CF30-MC8 | CON336 | FM-D12-steel | M12x25 ALLEN; 10.9 | d12.2/18 | 1 (1/32") |
| 4CF30HD-MC8 | | | | | |
| 4CF40-MC8 | | | | | |
| 4CF40HD-MC8 | | | | | |

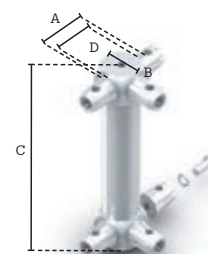
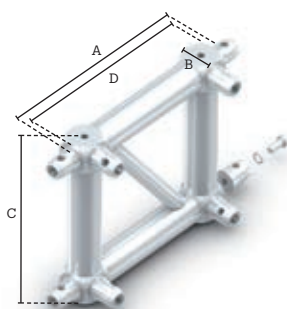


DIMENSIONS - FOR FEMALE CONNECTOR USE

| Cube type | mm | in | mm | in | mm | in | mm | in |
|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| 4CM22-MC8 | A 322 | (12 43/64") | B 272 | (10 45/64") | C 222 | (8 47/64") | D 222 | (8 47/64") |
| 4CF30-MC8 | A 439 | (17 9/32") | B 364 | (14 21/64") | C 289 | (11 3/8") | D 289 | (11 3/8") |
| 4CF30HD-MC8 | A 439 | (17 9/32") | B 364 | (14 21/64") | C 289 | (11 3/8") | D 289 | (11 3/8") |
| 4CF40-MC8 | A 538 | (21 11/64") | B 463 | (18 7/32") | C 388 | (15 17/64") | D 388 | (15 17/64") |
| 4CF40HD-MC8 | A 538 | (21 11/64") | B 463 | (18 7/32") | C 388 | (15 17/64") | D 388 | (15 17/64") |

DIMENSIONS - FOR MALE HALF CONNECTOR USE

| Cube type | mm | in | mm | in | mm | in | mm | in |
|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| 4CM22-MC8 | A 224 | (8 13/16") | B 223 | (8 49/64") | C 222 | (8 47/64") | D 222 | (8 47/64") |
| 4CF30-MC8 | A 291 | (11 29/64") | B 290 | (11 13/32") | C 289 | (11 3/8") | D 289 | (11 3/8") |
| 4CF30HD-MC8 | A 291 | (11 29/64") | B 290 | (11 13/32") | C 289 | (11 3/8") | D 289 | (11 3/8") |
| 4CF40-MC8 | A 390 | (15 11/32") | B 389 | (15 5/16") | C 388 | (15 17/64") | D 388 | (15 17/64") |
| 4CF40HD-MC8 | A 390 | (15 11/32") | B 389 | (15 5/16") | C 388 | (15 17/64") | D 388 | (15 17/64") |



DIMENSIONS - FOR FEMALE CONNECTOR USE

| Cube type | mm | in | mm | in | mm | in | mm | in |
|-----------|-------|-------------|------|------------|-------|-------------|-------|-------------|
| 2CM22-MC4 | A 224 | (8 13/16") | B 34 | (1 21/64") | C 222 | (8 47/64") | D 222 | (8 47/64") |
| 2CF30-MC4 | A 291 | (11 29/64") | B 51 | (2") | C 289 | (11 3/8") | D 289 | (11 3/8") |
| 2CF40-MC4 | A 390 | (15 11/32") | B 51 | (2") | C 388 | (15 17/64") | D 388 | (15 17/64") |

DIMENSIONS - FOR MALE HALF CONNECTOR USE

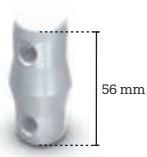
| Cube type | mm | in | mm | in | mm | in | mm | in |
|-----------|------|-----------|------|------------|-------|-------------|------|------------|
| 1CM22-MC2 | A 35 | (1 3/8") | B 34 | (1 21/64") | C 222 | (8 47/64") | D 33 | (1 19/64") |
| 1CF30-MC2 | A 52 | (2 3/64") | B 51 | (2") | C 289 | (11 3/8") | D 50 | (1 61/64") |
| 1CF40-MC2 | A 52 | (2 3/64") | B 51 | (2") | C 388 | (15 17/64") | D 50 | (1 61/64") |



Conical Truss Accessories



Conical Truss Accessories



CON301

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.06 | (0.19) |

Conical connector M
Set of 12



CON302

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.02 | (0.04) |

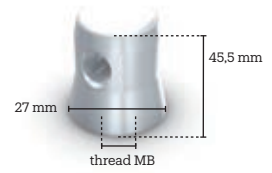
Pin M
Set of 12



CON303

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.02 | (0.04) |

Pin M with thread M6
Set of 12



CON304

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.03 | (0.07) |

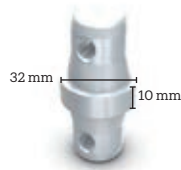
Half connector M with thread M8
Set of 4



CON305

| Series | kg | lbs |
|--------|-------|---------|
| JT22 | 0.001 | (0.002) |

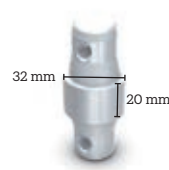
Safety R clip M
Set of 24



CON306

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.08 | (0.18) |

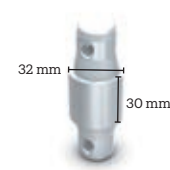
Spacer M 10 mm
Set of 2



CON307

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.10 | (0.22) |

Spacer M 20 mm
Set of 2



CON308

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.12 | (0.26) |

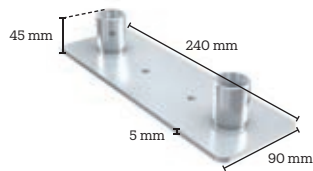
Spacer M 30 mm
Set of 2



CON309

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.12 | (0.26) |

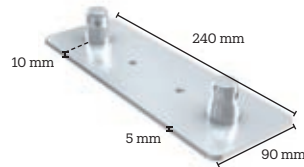
Spacer M 40 mm
Set of 2



2CM22-WP

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.50 | (1.10) |

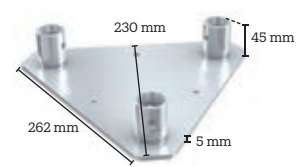
Wall plate DUO with female receivers



2CM22-WPC

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.40 | (0.88) |

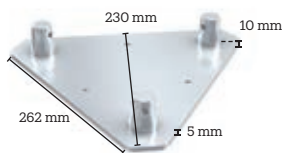
Wall plate DUO with half connectors



3CM22-WP

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.70 | (1.54) |

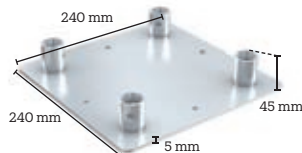
Wall plate TRIO with female receivers



3CM22-WPC

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.60 | (1.32) |

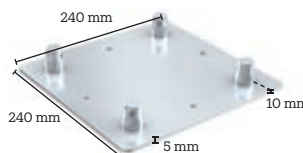
Wall plate TRIO with half connectors



4CM22-WP

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 1.04 | (2.29) |

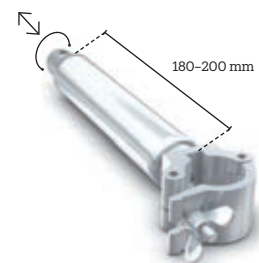
Wall plate QUATRO with female receivers



4CM22-WPC

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.94 | (2.07) |

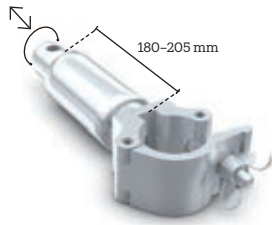
Wall plate QUATRO with half connectors



CON316

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.27 | (0.60) |

Clamp extension 180 - 200 mm for truss serie 2CM22


CON317

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.24 | (0.53) |

Clamp extension 85 - 105 mm for truss serie 2CM22


CON310

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.20 | (0.44) |

Parcel DUO (2x CCM + 4x PM + 4x SRPM) for truss serie 2CM22


CON311

| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.30 | (0.66) |

Parcel TRIO (3x CCM + 6x PM + 6x SRPM) for truss serie 3CM22


CON312

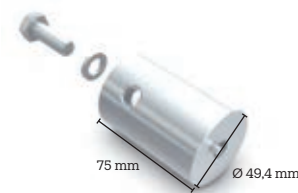
| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.40 | (0.88) |

PARCEL QUATRO (4x CCM + 8x PM + 8x SRPM) for truss serie 4CM22


CON313

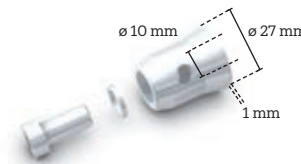
| Series | kg | lbs |
|--------|-----|--------|
| JT22 | 0.8 | (1.76) |

Parcel for multicube truss serie CM22 (4x CON77M + 4x PM + 4x SRPM)


CON314

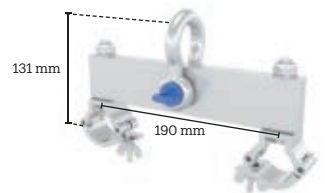
| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.25 | (0.55) |

Female connector with location Pin for multicube truss serie CM22, incl. bolt + washer


CON315

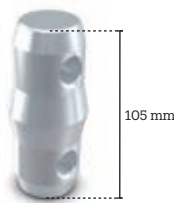
| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.13 | (0.29) |

Male connector with location Pin for multicube truss serie CM22, incl. bolt + washer


CON312

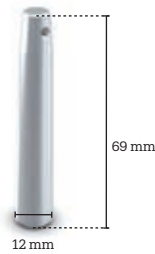
| Series | kg | lbs |
|--------|------|--------|
| JT22 | 0.97 | (2.14) |

Ceiling support for truss serie CM22 - SWL 250 kg


CON318

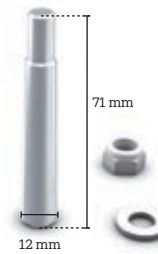
| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.11 | (0.24) |

Conical connector
Set of 12


CON319

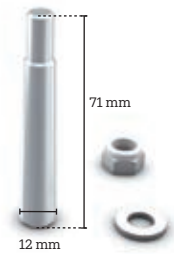
| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.05 | (0.11) |

Pin
Set of 12


CON320

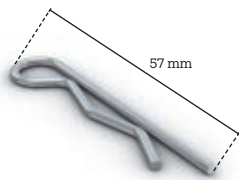
| Series | kg | lbs |
|--------------------|-------|--------|
| JT30, JT30H, JT40H | 0.058 | (0.18) |

Pin with thread M8
Set of 12


CON321

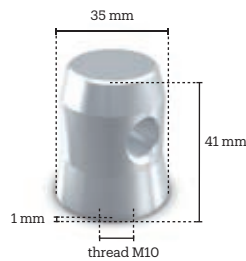
| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.08 | (0.18) |

Stainless steel Pin with thread M8
Set of 12


CON322

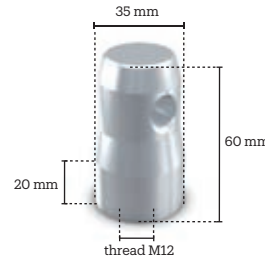
| Series | kg | lbs |
|--------------------|-------|---------|
| JT30, JT30H, JT40H | 0.002 | (0.004) |

Safety R clip
Set of 24


CON323

| Series | kg | lbs |
|--------------------|-------|--------|
| JT30, JT30H, JT40H | 0.007 | (0.15) |

Half connector with thread M10
Set of 4


CON324

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.12 | (0.26) |

Half connector with thread M12
Set of 4


CON325

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.20 | (0.44) |

Spacer 10 mm
Set of 2



CON326

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.25 | (0.55) |

Spacer 20 mm
Set of 2



CON327

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.30 | (0.66) |

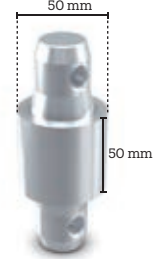
Spacer 30 mm
Set of 2



CON328

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.36 | (0.79) |

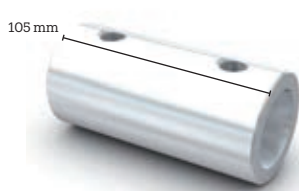
Spacer 40 mm
Set of 2



CON329

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.41 | (0.90) |

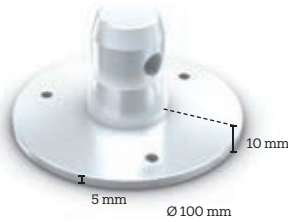
Spacer 50 mm
Set of 2



CON330

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.33 | (0.73) |

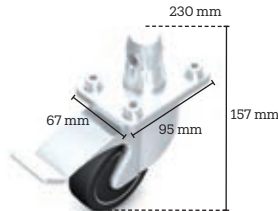
Space female 105 mm
Set of 2



1CF-WPC

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.19 | (0.42) |

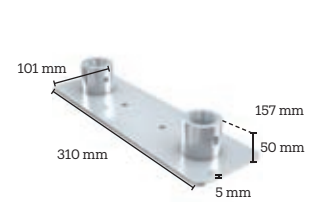
Base plate with half connector



1CF-BPC-GW

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 2.00 | (4.41) |

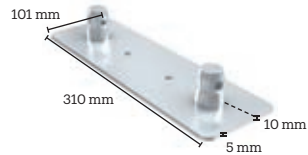
Base plate single with half connector and wheel



2CF30-WP

| Series | kg | lbs |
|-------------|------|--------|
| JT30, JT30H | 0.74 | (1.63) |

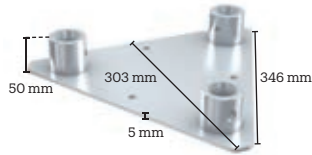
Wall plate DUO with female receivers



2CF30-WPC

| Series | kg | lbs |
|-------------|------|--------|
| JT30, JT30H | 0.64 | (1.41) |

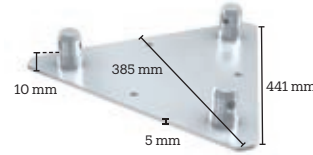
Wall plate DUO with half connectors



3CF30-WP

| Series | kg | lbs |
|-------------|------|--------|
| JT30, JT30H | 1.23 | (2.71) |

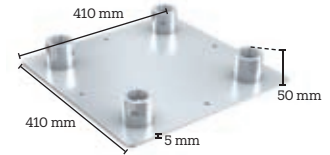
Wall plate TRIO with female receivers



3CF30-WPC

| Series | kg | lbs |
|-------------|------|--------|
| JT30, JT30H | 1.08 | (2.38) |

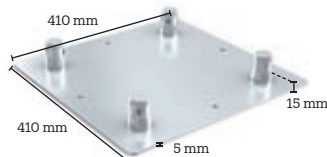
Wall plate TRIO with half connectors



4CF30-WP

| Series | kg | lbs |
|-------------|------|--------|
| JT30, JT30H | 1.86 | (4.09) |

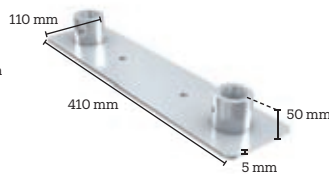
Wall plate QUATRO with female receivers



4CF30-WPC

| Series | kg | lbs |
|-------------|------|--------|
| JT30, JT30H | 1.65 | (3.64) |

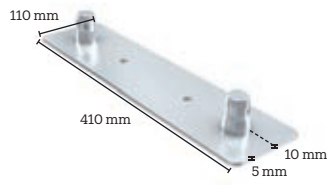
Wall plate QUATRO with half connectors



2CF40H-WP

| Series | kg | lbs |
|-------------|------|--------|
| JT40, JT40H | 0.89 | (1.96) |

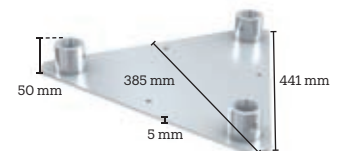
Wall plate DUO with female receivers



2CF40H-WPC

| Series | kg | lbs |
|-------------|------|--------|
| JT40, JT40H | 0.79 | (1.68) |

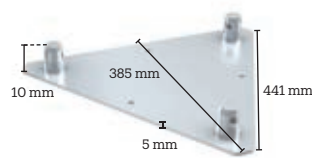
Wall plate DUO with half connectors



3CF40H-WP

| Series | kg | lbs |
|-------------|------|--------|
| JT40, JT40H | 1.73 | (3.81) |

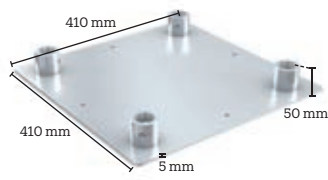
Wall plate TRIO with female receivers



3CF40H-WPC

| Series | kg | lbs |
|-------------|------|--------|
| JT40, JT40H | 1.57 | (3.46) |

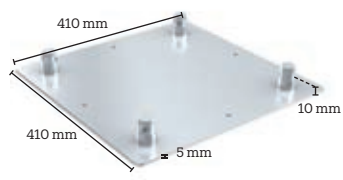
Wall plate TRIO with half connectors



4CF40H-WP

| Series | kg | lbs |
|-------------|------|--------|
| JT40, JT40H | 2.83 | (6.24) |

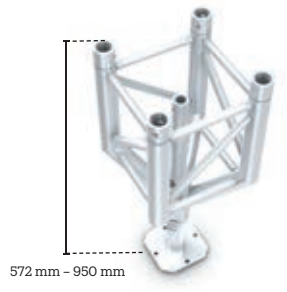
Wall plate QUATRO with female receivers



4CF40H-WPC

| Series | kg | lbs |
|-------------|------|--------|
| JT40, JT40H | 2.63 | (5.80) |

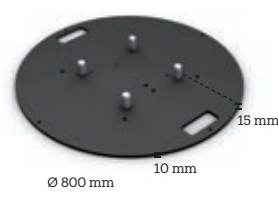
Wall plate QUATRO with half connectors



4CF30H-LEG572-950

| Series | kg | lbs |
|--------------------|------|---------|
| JT30, JT30H, JT40H | 7.70 | (16.97) |

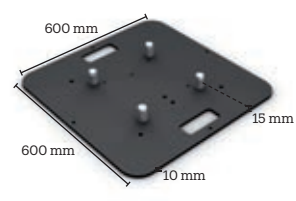
adjustable pedestal leg 572 mm - 950 mm for CF30 & CF30H truss series



CM/CF-BP-STEEL-d800

| Series | kg | lbs |
|--------------------------|------|--------|
| JT22, JT30, JT30H, JT40H | 38.6 | (85.1) |

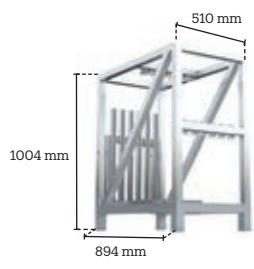
Steel base plate round with half connector



CM/CF-BP-STEEL-600x600

| Series | kg | lbs |
|--------------------------|------|--------|
| JT22, JT30, JT30H, JT40H | 27.1 | (59.7) |

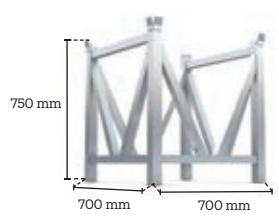
Steel base plate with half connector



TRA-CAG-BP-D800x10

| Series | kg | lbs |
|--------------------------|----|--------|
| JT22, JT30, JT30H, JT40H | 25 | (55.1) |

Transport cage for 10x CM/CF-BP-STEEL-d800



TRA-CAG-BP-600x600x10

| Series | kg | lbs |
|--------------------------|----|--------|
| JT22, JT30, JT30H, JT40H | 18 | (39.7) |

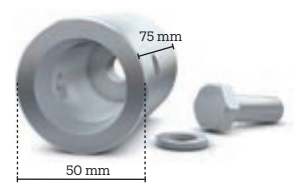
Transport cage for 10x CM/CF-BP-STEEL-600x600



CON334

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.89 | (1.96) |

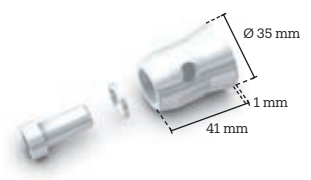
Parcel for multicube truss series CF30, CF30H & CF40H (4x CON337 + 4x Pin + 4x R clip)



CON335

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.32 | (0.71) |

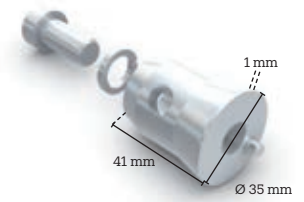
Female connector without location Pin for multicube truss series CF30, CF30H & CF40H, incl. bolt + washer



CON336

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.17 | (0.37) |

Male connector without location Pin for multicube truss series CF30, CF30H & CF40H, incl. bolt + washer



CON337

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.17 | (0.37) |

Male connector with location Pin for multicube truss series CF30, CF30H & CF40H, incl. bolt + washer



CON338

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.32 | (0.71) |

Female connector with location Pin for multicube truss series CF30, CF30H & CF40H, incl. bolt + washer



CON339

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.36 | (0.79) |

Female connector with location Pin for multicube truss series CF30, CF30H & CF40H, incl. bolt + washer



CON331

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.49 | (1.08) |

Parcel DUO (2x CCF + 4x PB + 4x SRPB) for truss series CF30, CF30H & CF40H



CON332

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.73 | (1.61) |

ParcelTRIO (3x CCF + 6x PB + 6x SRPB) for truss series CF30, CF30H & CF40H



CON333

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.73 | (1.61) |

Parcel QUATRO (4x CCF + 8x PB + 8x SRPB) for truss series CF30, CF30H & CF40H



4CF30-TRU-SL-BL

| Series | kg | lbs |
|-------------|-----------|---------------|
| JT30, JT30H | 0.27 kg/m | (0.18 lbs/ft) |

Truss textile sleeve for truss serie 4CF30. Black. Price for 1 m



4CF30-TRU-SL-WH

| Series | kg | lbs |
|-------------|-----------|---------------|
| JT30, JT30H | 0.27 kg/m | (0.18 lbs/ft) |

Truss textile sleeve for truss serie 4CF30. White. Price for 1 m



CF-CUBE-UNI

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.27 | (0.60) |

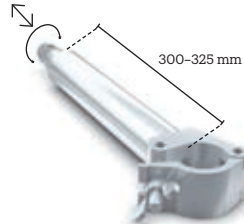
Multiconnection cube with 360° setting adjustability



CF-HINGE-UNI

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.27 | (0.60) |

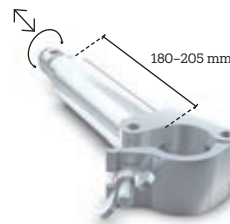
Modulat hinge parts for DUO, TRIO, QUATRO incl. 2x CON337



CON341

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 1.15 | (2.54) |

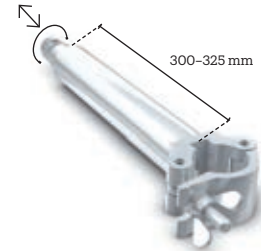
Side clamp extension 300 mm - 325 mm for truss series CF30, CF30H & CF40H



CON342

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 1.00 | (2.20) |

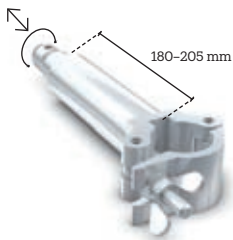
Side clamp extension 180 mm - 205 mm for truss series CF30, CF30H & CF40H



CON343

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 1.08 | (2.38) |

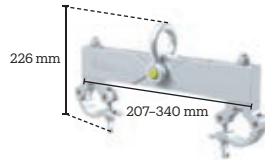
Clamp extension 300 mm - 325 mm for truss series CF30, CF30H & CF40H



CON344

| Series | kg | lbs |
|--------------------|------|--------|
| JT30, JT30H, JT40H | 0.94 | (2.07) |

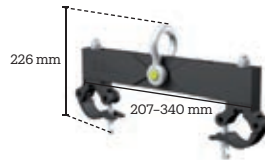
Clamp extension 180 mm - 205 mm for truss series CF30, CF30H & CF40H



CF30/40-CS

| Series | kg | lbs |
|--------------------|-----|-------|
| JT30, JT30H, JT40H | 2.9 | (6.4) |

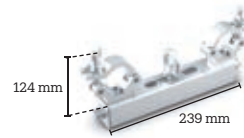
Ceiling support for CF30, CF30H, CF40H & CO36 truss series, SWL1000 kg



CF30/40-CS-BL

| Series | kg | lbs |
|--------------------|-----|-------|
| JT30, JT30H, JT40H | 2.9 | (6.4) |

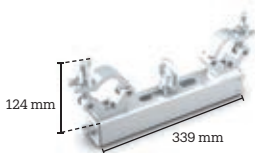
Ceiling support for CF30, CF30H, CF40H & CO36 truss series black, SWL1000 kg



CF30-CS-ADJ

| Series | kg | lbs |
|-------------|-----|-------|
| JT30, JT30H | 3.5 | (7.7) |

Ceiling support for CF30 & CF30H truss series - Adjustable center of gravity



CF40-CS-ADJ

| Series | kg | lbs |
|--------|-----|-------|
| JT40H | 3.5 | (7.7) |

Ceiling support for CF40H truss series - Adjustable center of gravity



SWL 1000kg BGV C1

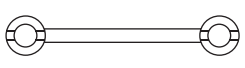


Conical Truss Circles & Ellipses

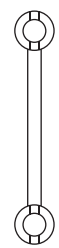


Circles and Ellipses

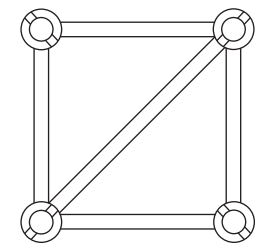
- Curved profiles add bespoke style to any area or exhibit
- Precision CNC rolling process to create any radius from 750mm upwards
- Fast connection for quick, simple and secure assembly
- Powder coat colour finish available on request
- No maximum diameter limit
- Minimum diameter is 1.4m (4' 7")
- Longest curved segment is 3.2m (10' 6")
- Increments of four (4) allow the most reconfiguration flexibility. This also allows a circle to be used complete, as 1/4, 1/2 or 3/4 or together with standard straight truss and junctions.



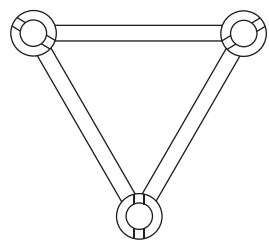
DUO Duo truss in horizontal position



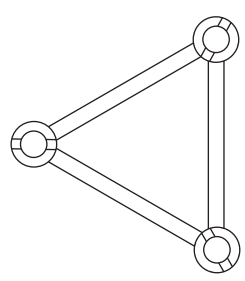
DUO Duo truss in vertical position



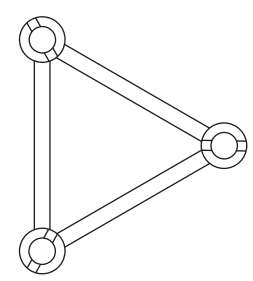
QUATRO Quatro truss



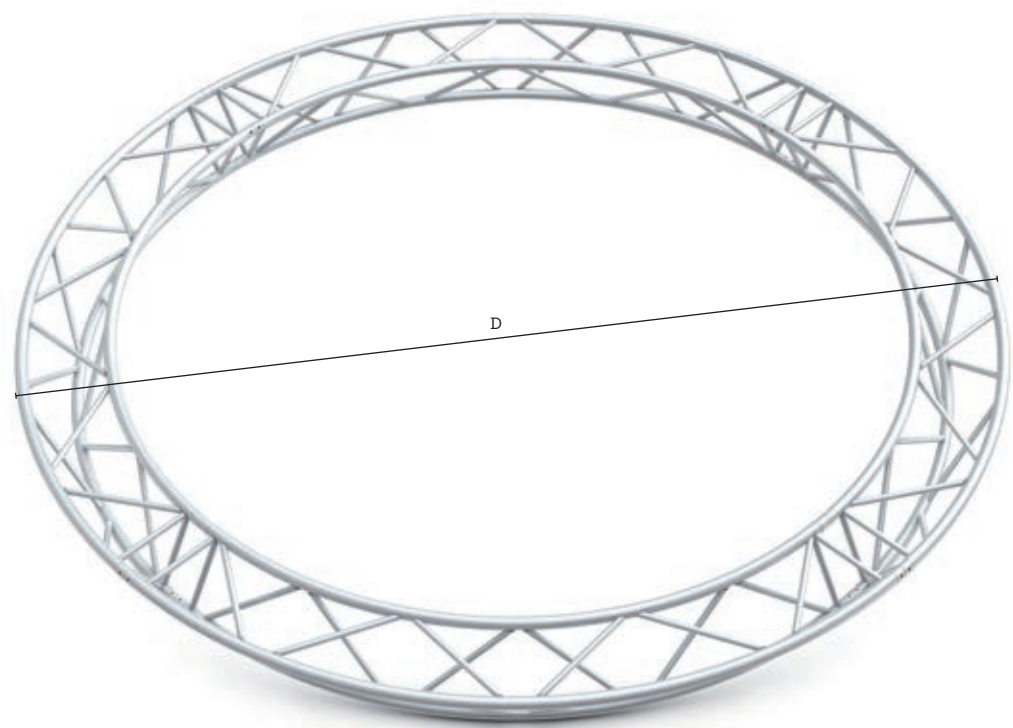
TRIO Trio truss in APEX DOWN/UP position



TRIO Trio truss in APEX IN position



TRIO Trio truss in APEX OUT position



Circles are hand-made and therefore subject to higher tolerances. When brace positions matter, kindly specify required set up when placing your order.

Standard DUO truss circles in horizontal position

| Series | Code | Outer diameter | Segments |
|--------|---------------------|-----------------|----------|
| JT22 | 2CM22-Cr2000-4-H | D 2m (6' 7") | 4 |
| JT22 | 2CM22-Cr3000-4-H | D 3m (9' 10") | 4 |
| JT22 | 2CM22-Cr4000-4-H | D 4m (13' 1") | 4 |
| JT22 | 2CM22-Cr5000-8-H | D 5m (16' 5") | 8 |
| JT22 | 2CM22-Cr6000-8-H | D 6m (19' 8") | 8 |
| JT30 | 2CF30-Cr3000-4-H | D 3m (9' 10") | 4 |
| JT30 | 2CF30-Cr4000-4-H | D 4m (13' 1") | 4 |
| JT30 | 2CF30-Cr5000-8-H | D 5m (16' 5") | 8 |
| JT30 | 2CF30-Cr6000-8-H | D 6m (19' 8") | 8 |
| JT30 | 2CF30-Cr8000-8-H | D 8m (26' 3") | 8 |
| JT30H | 2CF30H-Cr3000-4-H | D 3m (9' 10") | 4 |
| JT30H | 2CF30H-Cr4000-4-H | D 4m (13' 1") | 4 |
| JT30H | 2CF30H-Cr5000-8-H | D 5m (16' 5") | 8 |
| JT30H | 2CF30H-Cr6000-8-H | D 6m (19' 8") | 8 |
| JT30H | 2CF30H-Cr8000-8-H | D 8m (26' 3") | 8 |
| JT40H | 2CF40H-Cr4000-4-H | D 4m (13' 1") | 4 |
| JT40H | 2CF40H-Cr5000-8-H | D 5m (16' 5") | 8 |
| JT40H | 2CF40H-Cr6000-8-H | D 6m (19' 8") | 8 |
| JT40H | 2CF40H-Cr8000-8-H | D 8m (26' 3") | 8 |
| JT40H | 2CF40H-Cr10000-12-H | D 10m (32' 10") | 12 |

Standard QUATRO truss circles

| Series | Code | Outer diameter | Segments |
|--------|-------------------|-----------------|----------|
| JT22 | 4CM22-Cr2000-4 | D 2m (6' 7") | 4 |
| JT22 | 4CM22-Cr3000-4 | D 3m (9' 10") | 4 |
| JT22 | 4CM22-Cr4000-4 | D 4m (13' 1") | 4 |
| JT22 | 4CM22-Cr5000-8 | D 5m (16' 5") | 8 |
| JT22 | 4CM22-Cr6000-8 | D 6m (19' 8") | 8 |
| JT30 | 4CF30-Cr3000-4 | D 3m (9' 10") | 4 |
| JT30 | 4CF30-Cr4000-4 | D 4m (13' 1") | 4 |
| JT30 | 4CF30-Cr5000-8 | D 5m (16' 5") | 8 |
| JT30 | 4CF30-Cr6000-8 | D 6m (19' 8") | 8 |
| JT30 | 4CF30-Cr8000-8 | D 8m (26' 3") | 8 |
| JT30H | 4CF30H-Cr3000-4 | D 3m (9' 10") | 4 |
| JT30H | 4CF30H-Cr4000-4 | D 4m (13' 1") | 4 |
| JT30H | 4CF30H-Cr5000-8 | D 5m (16' 5") | 8 |
| JT30H | 4CF30H-Cr6000-8 | D 6m (19' 8") | 8 |
| JT30H | 4CF30H-Cr8000-8 | D 8m (26' 3") | 8 |
| JT40H | 4CF40H-Cr4000-4 | D 4m (13' 1") | 4 |
| JT40H | 4CF40H-Cr5000-8 | D 5m (16' 5") | 8 |
| JT40H | 4CF40H-Cr6000-8 | D 6m (19' 8") | 8 |
| JT40H | 4CF40H-Cr8000-8 | D 8m (26' 3") | 8 |
| JT40H | 4CF40H-Cr10000-12 | D 10m (32' 10") | 12 |

Standard TRIO truss circles in APEX IN position

| Series | Code | Outer diameter | Segments |
|--------|----------------------|-----------------|----------|
| JT22 | 3CM22-Cr2000-4-IN | D 2m (6' 7") | 4 |
| JT22 | 3CM22-Cr3000-4-IN | D 3m (9' 10") | 4 |
| JT22 | 3CM22-Cr4000-4-IN | D 4m (13' 1") | 4 |
| JT22 | 3CM22-Cr5000-8-IN | D 5m (16' 5") | 8 |
| JT22 | 3CM22-Cr6000-8-IN | D 6m (19' 8") | 8 |
| JT30 | 3CF30-Cr3000-4-IN | D 3m (9' 10") | 4 |
| JT30 | 3CF30-Cr4000-4-IN | D 4m (13' 1") | 4 |
| JT30 | 3CF30-Cr5000-8-IN | D 5m (16' 5") | 8 |
| JT30 | 3CF30-Cr6000-8-IN | D 6m (19' 8") | 8 |
| JT30 | 3CF30-Cr8000-8-IN | D 8m (26' 3") | 8 |
| JT30H | 3CF30H-Cr3000-4-IN | D 3m (9' 10") | 4 |
| JT30H | 3CF30H-Cr4000-4-IN | D 4m (13' 1") | 4 |
| JT30H | 3CF30H-Cr5000-8-IN | D 5m (16' 5") | 8 |
| JT30H | 3CF30H-Cr6000-8-IN | D 6m (19' 8") | 8 |
| JT30H | 3CF30H-Cr8000-8-IN | D 8m (26' 3") | 8 |
| JT40H | 3CF40H-Cr4000-4-IN | D 4m (13' 1") | 4 |
| JT40H | 3CF40H-Cr5000-8-IN | D 5m (16' 5") | 8 |
| JT40H | 3CF40H-Cr6000-8-IN | D 6m (19' 8") | 8 |
| JT40H | 3CF40H-Cr8000-8-IN | D 8m (26' 3") | 8 |
| JT40H | 3CF40H-Cr10000-12-IN | D 10m (32' 10") | 12 |

Standard DUO truss circles in vertical position

| Series | Code | Outer diameter | Segments |
|--------|---------------------|-----------------|----------|
| JT22 | 2CM22-Cr2000-4-V | D 2m (6' 7") | 4 |
| JT22 | 2CM22-Cr3000-4-V | D 3m (9' 10") | 4 |
| JT22 | 2CM22-Cr4000-4-V | D 4m (13' 1") | 4 |
| JT22 | 2CM22-Cr5000-8-V | D 5m (16' 5") | 8 |
| JT22 | 2CM22-Cr6000-8-V | D 6m (19' 8") | 8 |
| JT30 | 2CF30-Cr3000-4-V | D 3m (9' 10") | 4 |
| JT30 | 2CF30-Cr4000-4-V | D 4m (13' 1") | 4 |
| JT30 | 2CF30-Cr5000-8-V | D 5m (16' 5") | 8 |
| JT30 | 2CF30-Cr6000-8-V | D 6m (19' 8") | 8 |
| JT30 | 2CF30-Cr8000-8-V | D 8m (26' 3") | 8 |
| JT30H | 2CF30H-Cr3000-4-V | D 3m (9' 10") | 4 |
| JT30H | 2CF30H-Cr4000-4-V | D 4m (13' 1") | 4 |
| JT30H | 2CF30H-Cr5000-8-V | D 5m (16' 5") | 8 |
| JT30H | 2CF30H-Cr6000-8-V | D 6m (19' 8") | 8 |
| JT30H | 2CF30H-Cr8000-8-V | D 8m (26' 3") | 8 |
| JT40H | 2CF40H-Cr4000-4-V | D 4m (13' 1") | 4 |
| JT40H | 2CF40H-Cr5000-8-V | D 5m (16' 5") | 8 |
| JT40H | 2CF40H-Cr6000-8-V | D 6m (19' 8") | 8 |
| JT40H | 2CF40H-Cr8000-8-V | D 8m (26' 3") | 8 |
| JT40H | 2CF40H-Cr10000-12-V | D 10m (32' 10") | 12 |

Standard TRIO truss circles in APEX DOWN/UP position

| Series | Code | Outer diameter | Segments |
|--------|----------------------|-----------------|----------|
| JT22 | 3CM22-Cr2000-4-UD | D 2m (6' 7") | 4 |
| JT22 | 3CM22-Cr3000-4-UD | D 3m (9' 10") | 4 |
| JT22 | 3CM22-Cr4000-4-UD | D 4m (13' 1") | 4 |
| JT22 | 3CM22-Cr5000-8-UD | D 5m (16' 5") | 8 |
| JT22 | 3CM22-Cr6000-8-UD | D 6m (19' 8") | 8 |
| JT30 | 3CF30-Cr3000-4-UD | D 3m (9' 10") | 4 |
| JT30 | 3CF30-Cr4000-4-UD | D 4m (13' 1") | 4 |
| JT30 | 3CF30-Cr5000-8-UD | D 5m (16' 5") | 8 |
| JT30 | 3CF30-Cr6000-8-UD | D 6m (19' 8") | 8 |
| JT30 | 3CF30-Cr8000-8-UD | D 8m (26' 3") | 8 |
| JT30H | 3CF30H-Cr3000-4-UD | D 3m (9' 10") | 4 |
| JT30H | 3CF30H-Cr4000-4-UD | D 4m (13' 1") | 4 |
| JT30H | 3CF30H-Cr5000-8-UD | D 5m (16' 5") | 8 |
| JT30H | 3CF30H-Cr6000-8-UD | D 6m (19' 8") | 8 |
| JT30H | 3CF30H-Cr8000-8-UD | D 8m (26' 3") | 8 |
| JT40H | 3CF40H-Cr4000-4-UD | D 4m (13' 1") | 4 |
| JT40H | 3CF40H-Cr5000-8-UD | D 5m (16' 5") | 8 |
| JT40H | 3CF40H-Cr6000-8-UD | D 6m (19' 8") | 8 |
| JT40H | 3CF40H-Cr8000-8-UD | D 8m (26' 3") | 8 |
| JT40H | 3CF40H-Cr10000-12-UD | D 10m (32' 10") | 12 |

Standard TRIO truss circles in APEX OUT position

| Series | Code | Outer diameter | Segments |
|--------|-----------------------|-----------------|----------|
| JT22 | 3CM22-Cr2000-4-OUT | D 2m (6' 7") | 4 |
| JT22 | 3CM22-Cr3000-4-OUT | D 3m (9' 10") | 4 |
| JT22 | 3CM22-Cr4000-4-OUT | D 4m (13' 1") | 4 |
| JT22 | 3CM22-Cr5000-8-OUT | D 5m (16' 5") | 8 |
| JT22 | 3CM22-Cr6000-8-OUT | D 6m (19' 8") | 8 |
| JT30 | 3CF30-Cr3000-4-OUT | D 3m (9' 10") | 4 |
| JT30 | 3CF30-Cr4000-4-OUT | D 4m (13' 1") | 4 |
| JT30 | 3CF30-Cr5000-8-OUT | D 5m (16' 5") | 8 |
| JT30 | 3CF30-Cr6000-8-OUT | D 6m (19' 8") | 8 |
| JT30 | 3CF30-Cr8000-8-OUT | D 8m (26' 3") | 8 |
| JT30H | 3CF30H-Cr3000-4-OUT | D 3m (9' 10") | 4 |
| JT30H | 3CF30H-Cr4000-4-OUT | D 4m (13' 1") | 4 |
| JT30H | 3CF30H-Cr5000-8-OUT | D 5m (16' 5") | 8 |
| JT30H | 3CF30H-Cr6000-8-OUT | D 6m (19' 8") | 8 |
| JT30H | 3CF30H-Cr8000-8-OUT | D 8m (26' 3") | 8 |
| JT40H | 3CF40H-Cr4000-4-OUT | D 4m (13' 1") | 4 |
| JT40H | 3CF40H-Cr5000-8-OUT | D 5m (16' 5") | 8 |
| JT40H | 3CF40H-Cr6000-8-OUT | D 6m (19' 8") | 8 |
| JT40H | 3CF40H-Cr8000-8-OUT | D 8m (26' 3") | 8 |
| JT40H | 3CF40H-Cr10000-12-OUT | D 10m (32' 10") | 12 |

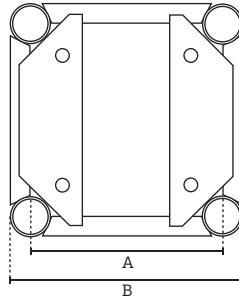
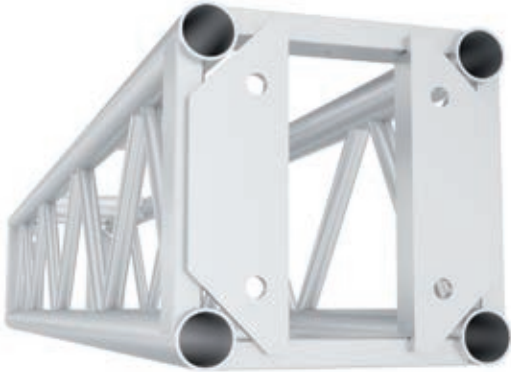




Plated Truss

GP30

GP30 is a mid-sized, heavy-duty 30.5 x 30.5 cm (12" x 12") general-purpose truss for conferences, exhibitions and small venues. Strong and durable EN AW 6082T6 aluminium alloy is used for its 50.8 x 3.2 mm (2" x 1/8") main chords and 25.4 x 3.2 mm (1" x 1/8") diagonals. Due to the incorporation of sleeve blocks and towers, it can be used with our Ground Support System TT3.



| | | | |
|--------------|----|----|-----------------------------|
| Code: | | | 4GP30 |
| Main Chords: | mm | in | 50.8x3.2 (2" x 1/8") |
| Diagonals: | mm | in | 25.4x3.2 (1" x 1/8") |
| Alloy: | | | EN-AW-6082 T6 |
| A | mm | in | 254 (10") |
| B | mm | in | 305 (12") |
| Connection: | | | M16 Bolt |

Standard lengths and weights

| Code | 4GP30-L500 | 4GP30-L1000 | 4GP30-L1500 | 4GP30-L2000 | 4GP30-L2500 | 4GP30-L3000 | 4GP30-L4000 |
|----------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|
| Old code | JT B4750 | JT B4704 | JT B4703 | JT B4702 | JT B4701 | JT B4700 | JT B4709 |
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 2") |
| kg | 7.8 (17.20) | 11.6 (25.58) | 14.8 (32.63) | 18.7 (41.23) | 21.9 (48.29) | 25.7 (56.67) | 32.8 (72.32) |

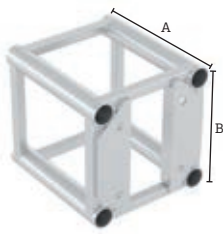
Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 2 | 1705 | 1.6 | 1705 | 1.3 | 1278.7 | 1.6 | 852.5 | 1.5 | 710.4 | 1.6 |
| 4 | 420.7 | 6.4 | 841.5 | 5.1 | 631.1 | 6.5 | 420.7 | 6.1 | 350.6 | 6.4 |
| 6 | 182.9 | 14.4 | 548.8 | 11.6 | 411.6 | 14.7 | 274.4 | 13.7 | 228.6 | 14.5 |
| 8 | 99.7 | 25.7 | 398.7 | 20.9 | 299 | 26.2 | 199.4 | 24.5 | 166.1 | 25.8 |
| 10 | 61.2 | 40.3 | 305.8 | 33.2 | 229.3 | 41 | 152.9 | 38.5 | 127.4 | 40.5 |
| 12 | 40.2 | 58.3 | 241.4 | 48.6 | 181 | 59.3 | 120.7 | 55.8 | 100.6 | 58.7 |
| 13 | 33.2 | 68.6 | 215.7 | 57.6 | 161.8 | 69.8 | 107.9 | 65.8 | 89.9 | 69 |
| 14 | 27.6 | 79.8 | 193.2 | 67.5 | 144.9 | 81.2 | 96.6 | 76.7 | 80.5 | 80.3 |
| 15 | 23.1 | 91.9 | 173.3 | 78.3 | 129.9 | 93.4 | 86.6 | 88.5 | 72.2 | 92.5 |
| 16 | 19.4 | 104.9 | 155.3 | 90.2 | 116.5 | 106.6 | 77.7 | 101.3 | 64.7 | 105.5 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs (2x) | in | lbs (3x) | in | lbs (3x) | in | lbs (4x) | in |
| 6' 7" | 1145.71 | 1/16" | 3759.53 | 3/64" | 2819.53 | 1/16" | 1879.76 | 3/64" | 1566.43 | 1/16" |
| 13' 1" | 282.70 | 1/4" | 1855.51 | 3/16" | 1391.58 | 1/4" | 927.64 | 15/64" | 773.07 | 1/4" |
| 19' 8" | 122.90 | 9/16" | 1210.10 | 29/64" | 907.58 | 37/64" | 605.05 | 17/32" | 504.06 | 9/16" |
| 26' 3" | 67.00 | 1" | 879.13 | 13/16" | 659.30 | 11/32" | 439.68 | 61/64" | 366.25 | 1 1/64" |
| 32' 10" | 41.12 | 1 37/64" | 674.29 | 1 19/64" | 505.61 | 1 39/64" | 337.14 | 1 33/64" | 280.92 | 1 19/32" |
| 39' 4" | 27.01 | 2 9/32" | 532.29 | 1 29/32" | 399.11 | 2 21/64" | 266.14 | 2 3/16" | 221.82 | 2 19/64" |
| 42' 7" | 22.31 | 2 11/16" | 475.62 | 2 17/64" | 356.77 | 2 47/64" | 237.92 | 2 37/64" | 198.23 | 2 45/64" |
| 45' 11" | 18.55 | 3 9/64" | 426.01 | 2 21/32" | 319.50 | 3 3/16" | 213.00 | 3 1/64" | 177.50 | 3 5/32" |
| 49' 3" | 15.52 | 3 39/64" | 382.13 | 3 5/64" | 286.43 | 3 43/64" | 190.95 | 3 15/32" | 159.20 | 3 41/64" |
| 52' 6" | 13.04 | 4 1/8" | 342.44 | 3 35/64" | 256.88 | 4 3/16" | 171.33 | 3 63/64" | 142.66 | 4 9/64" |

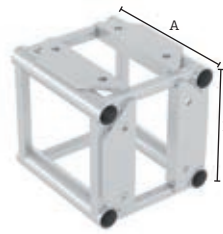
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



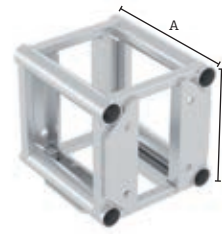
1 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|---------------|--------------|------------------|
| 4GP30-C1 | 4.2 | (9.26) | A 324 | (12 3/4") |
| Old code | | | B 305 | (12") |
| - | | | | |



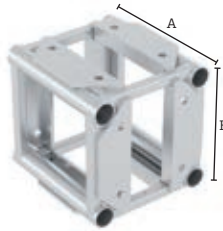
2 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|--------------------|
| 4GP30-C2 | 5.5 | (12.13) | A 324 | (12 3/4") |
| Old code | | | B 314 | (12.23/64") |
| JT B4705 | | | | |



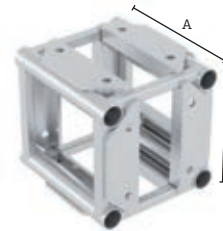
3 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|--------------------|
| 4GP30-C3 | 6.8 | (14.99) | A 324 | (12 3/4") |
| Old code | | | B 314 | (12.23/64") |
| JT B4710 | | | | |



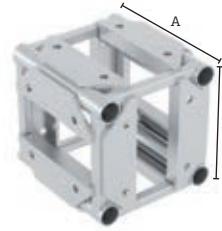
4 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|------------------|
| 4GP30-C4 | 8.1 | (17.86) | A 324 | (12 3/4") |
| Old code | | | B 324 | (12 3/4") |
| JT B4706 | | | | |



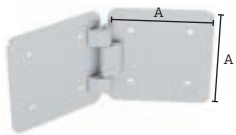
5 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|------------------|
| 4GP30-C5 | 9.4 | (20.73) | A 324 | (12 3/4") |
| Old code | | | B 324 | (12 3/4") |
| JT B4711 | | | | |



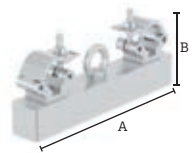
6 way corner

| Code | kg | lbs | mm | in |
|-----------------|-------------|----------------|--------------|------------------|
| 4GP30-C6 | 10.7 | (23.59) | A 324 | (12 3/4") |
| Old code | | | B 324 | (12 3/4") |
| JT B4707 | | | | |



Bookcorner

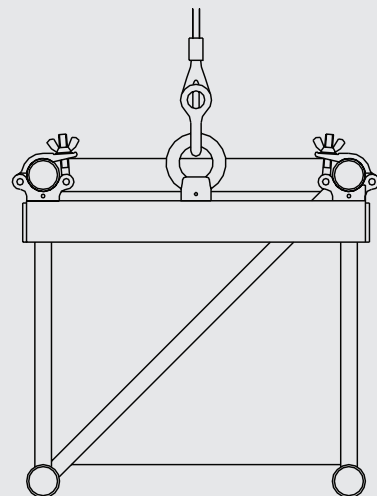
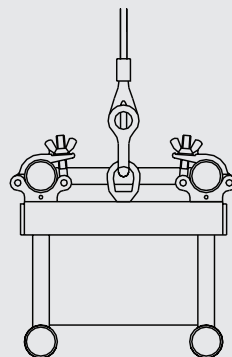
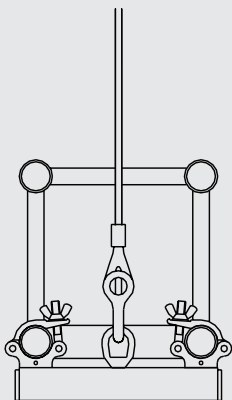
| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|--------------|
| 4GP30-BC | 6.2 | (13.67) | A 305 | (12") |
| Old code | | | | |
| JT B4708 | | | | |



Ceiling support

| Code | kg | lbs | mm | in |
|-----------------|------------|---------------|--------------|--------------------|
| 4GP30-CS | 2.4 | (5.29) | A 366 | (14 13/32") |
| Old code | | | B 139 | (5 15/32") |
| JT B4712 | | | | |

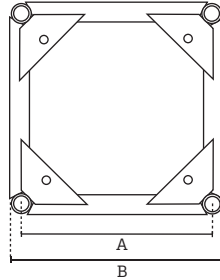
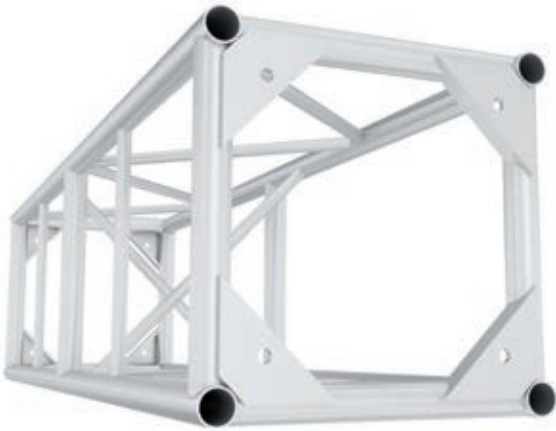
Lifting points



Truss Ceiling supports are designed to provide a „hard“ attachment to trusses as an alternative to synthetic round slings. The Ceiling supports are designed to be attached under the bottom or top chords of a truss.

GP52

52 x 52 cm (20.5" x 20.5") GP52 series truss is suitable for most lighting applications, Flying PA's and other general purpose uses. It features 50.8 x 3.2 mm (2" x 1/8") main chords and 25.4 x 3.2mm (1" x 1/8") diagonals made from EN-AW 6082T6 aluminium alloy. Perfect for rental and staging companies. This truss can also be supplied with castor wheels.



| | | | |
|--------------|----|----|---------------------------|
| Code: | | | 4GP52 |
| Main Chords: | mm | in | 50.8x3.2 (2"x1/8") |
| Diagonals: | mm | in | 25.4x3.2 (1"x1/8") |
| Alloy: | | | EN-AW-6082 T6 |
| A | mm | in | 470 (18 1/2") |
| B | mm | in | 521 (20 1/2") |
| Connection: | | | M16 Bolt |

Standard lengths and weights

| Code | 4GP52-L500 | 4GP52-L1000 | 4GP52-L1500 | 4GP52-L2000 | 4GP52-L2500 | 4GP52-L3000 | 4GP52-L4000 |
|----------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|
| Old code | JT B4450 | JT B4405 | JT B4404 | JT B4403 | JT B4402 | JT B4401 | JT B4400 |
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 2") |
| kg | 10.8 (23.81) | 15.6 (34.40) | 20.1 (44.32) | 23.0 (50.72) | 28.0 (61.74) | 31.0 (68.36) | 39.0 (86.00) |

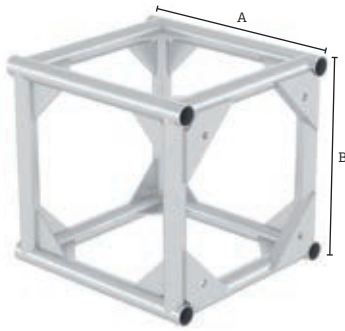
Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 2 | 1586.9 | 0.4 | 3173.7 | 0.7 | 1586.9 | 0.6 | 1057.9 | 0.6 | 793.4 | 0.5 |
| 4 | 788.4 | 3.5 | 1843.2 | 3.3 | 1382.4 | 4.2 | 921.6 | 3.9 | 768 | 4.1 |
| 6 | 404 | 9.2 | 1212 | 7.4 | 909 | 9.4 | 606 | 8.8 | 505 | 9.3 |
| 8 | 222.8 | 16.5 | 891.3 | 13.3 | 668.5 | 16.8 | 445.7 | 15.7 | 371.4 | 16.6 |
| 10 | 139 | 25.8 | 694.9 | 21 | 521.2 | 26.3 | 347.5 | 24.6 | 289.5 | 26 |
| 12 | 93.4 | 37.3 | 560.6 | 30.6 | 420.4 | 38 | 280.3 | 35.6 | 233.6 | 37.5 |
| 14 | 66 | 50.9 | 461.8 | 42.2 | 346.3 | 51.9 | 230.9 | 48.8 | 192.4 | 51.3 |
| 16 | 48.1 | 66.8 | 385.1 | 56 | 288.8 | 68 | 192.6 | 64.1 | 160.5 | 67.3 |
| 18 | 35.9 | 85 | 323.3 | 72.1 | 242.4 | 86.4 | 161.6 | 81.8 | 134.7 | 85.5 |
| 20 | 27.2 | 105.5 | 271.8 | 90.6 | 203.8 | 107.2 | 135.9 | 101.8 | 113.2 | 106.1 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|----------|-------------------|----------|------------------|----------|--------------------|----------|----------------|----------|
| | lbs/ft | in | lbs (2x) | in | lbs (3x) | in | lbs (3x) | in | lbs (4x) | in |
| 6' 7" | 1066.35 | 1/64" | 6998.01 | 1/64" | 3499.11 | 1/64" | 2332.67 | 1/64" | 1749.45 | 1/64" |
| 13' 1" | 529.78 | 1/8" | 4064.26 | 1/8" | 3048.19 | 5/32" | 2032.13 | 9/64" | 1693.44 | 5/32" |
| 19' 8" | 271.48 | 23/64" | 2672.46 | 9/32" | 2004.35 | 23/64" | 1336.23 | 11/32" | 1113.53 | 23/64" |
| 26' 3" | 149.71 | 41/64" | 1965.32 | 33/64" | 1474.04 | 21/32" | 982.77 | 39/64" | 818.94 | 41/64" |
| 32' 10" | 93.40 | 1 1/64" | 1532.25 | 13/16" | 1149.25 | 1 1/32" | 766.24 | 61/64" | 638.35 | 1 1/64" |
| 39' 4" | 62.76 | 1 29/64" | 1236.12 | 1 13/64" | 926.98 | 1 31/64" | 618.06 | 1 25/64" | 515.09 | 1 15/32" |
| 45' 11" | 44.35 | 2 0" | 1018.27 | 1 21/32" | 763.59 | 2 1/32" | 509.13 | 1 29/32" | 424.24 | 2 1/64" |
| 52' 6" | 32.32 | 2 5/8" | 849.15 | 2 13/64" | 636.80 | 2 43/64" | 424.68 | 2 33/64" | 353.90 | 2 41/64" |
| 59' 1" | 24.12 | 3 11/32" | 712.88 | 2 53/64" | 534.49 | 3 25/64" | 356.33 | 3 7/32" | 297.01 | 3 23/64" |
| 65' 7" | 18.28 | 4 9/64" | 599.32 | 3 9/16" | 449.38 | 4 7/32" | 299.66 | 4" | 249.61 | 4 11/64" |

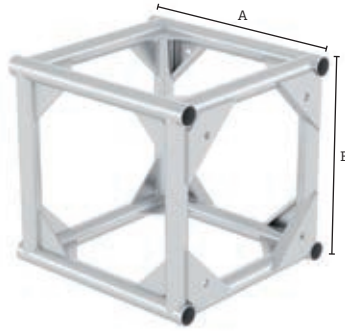
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



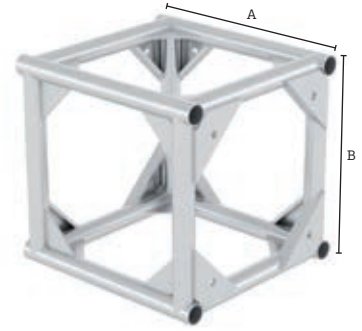
1 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|---------------|--------------|------------------|
| 4GP52-C1 | 4.2 | (9.26) | A 540 | (21 1/4") |
| Old code | | | B 521 | (20 1/2") |
| - | | | | |



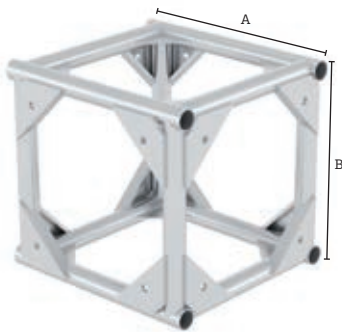
2 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|------------------|
| 4GP52-C2 | 5.5 | (12.13) | A 540 | (21 1/4") |
| Old code | | | B 521 | (20 1/2") |
| JT B4406 | | | | |



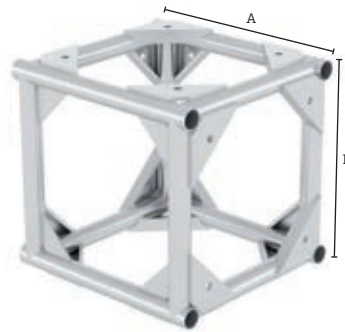
3 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|------------------|
| 4GP52-C3 | 6.8 | (14.99) | A 540 | (21 1/4") |
| Old code | | | B 521 | (20 1/2") |
| JT B4415 | | | | |



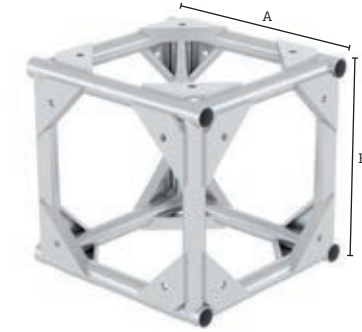
4 way corner

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|------------------|
| 4GP52-C4 | 8.1 | (17.86) | A 540 | (21 1/4") |
| Old code | | | B 521 | (20 1/2") |
| JT B4407 | | | | |



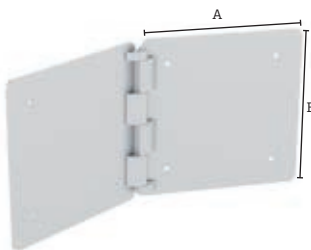
5 way corner

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4GP52-C5 | 9.4 | (20.73) | A 540 | (21 1/4") |
| Old code | | | B 530 | (22 55/64") |
| JT B4407A | | | | |



6 way corner

| Code | kg | lbs | mm | in |
|-----------------|-------------|----------------|--------------|------------------|
| 4GP52-C6 | 10.7 | (23.59) | A 540 | (21 1/4") |
| Old code | | | B 540 | (21 1/4") |
| JT B4408 | | | | |



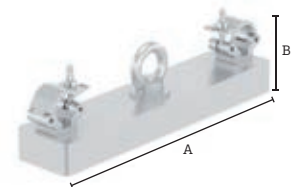
Book corner

| Code | kg | lbs | mm | in |
|-----------------|-------------|----------------|--------------|------------------|
| 4GP52-BC | 16.2 | (35.72) | A 521 | (20 1/2") |
| Old code | | | | |
| JT B4411 | | | | |



Pivot section 180°

| Code | kg | lbs | mm | in |
|----------------------|-------------|----------------|--------------|--------------------|
| 4GP52-PS-180° | 17.3 | (38.15) | A 318 | (12.33/64") |
| Old code | | | | |
| JT B4410 | | | | |



Ceiling support

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|--------------------|
| 4GP52-CS | 6.1 | (13.45) | A 545 | (21 29/64") |
| Old code | | | B 139 | (5 15/32") |
| JT B1312 | | | | |

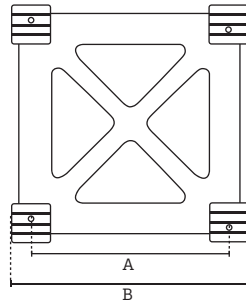


A close-up photograph of a metal truss structure. The image shows several thick, silver-colored metal beams connected by a large bolt and nut. The background is a bright, slightly blurred sky, suggesting an outdoor setting. The overall color palette is dominated by the metallic silver and the light blue of the sky.

Fork Truss

ST30

ST30 series is a revolutionary design that encompasses all of the advantages of 52 cm (20.5") SuperTruss in a 30.5 x 30.5 cm (12" x 12") format. The SuperTruss line provides a substantial increase in load bearing capacity compared to the GP 30.5 x 30.5 (12" x 12") series. Made from EN-AW 6082T6, it features 50 x 4 mm (2" x 5/32") main chords and 25.4 x 3.2 mm (1" x 1/8") diagonals.



| | | | |
|--------------|----|----|---------------------------|
| Code: | | | 4ST30 |
| Main Chords: | mm | in | 50x4 (2"x5/32") |
| Diagonals: | mm | in | 25.4x3.2 (1"x1/8") |
| Alloy: | | | EN-AW-6082 T6 |
| A | mm | in | 254 (10") |
| B | mm | in | 305 (12") |
| Connection: | | | Fork/Pin |

Standard lengths and weights

| Code | 4ST30-L500 | 4ST30-L1000 | 4ST30-L1500 | 4ST30-L2000 | 4ST30-L2500 | 4ST30-L3000 | 4ST30-L4000 |
|----------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|
| Old code | JT B1205 | JT B1210 | JT B1215 | JT B1220 | JT B1225 | JT B1230 | JT B1240 |
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") | 4.00 (13' 2") |
| kg | 8.7 (19.18) | 12.9 (28.44) | 17.1 (37.71) | 21.3 (46.97) | 25.5 (56.23) | 29.7 (65.49) | 38.1 (84.01) |

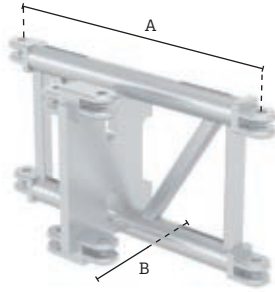
Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 4 | 1173.6 | 14.5 | 2347.2 | 11.7 | 1760.4 | 14.9 | 1173.6 | 13.8 | 978 | 14.7 |
| 6 | 516 | 32.8 | 1548 | 26.3 | 1161 | 33.5 | 774 | 31.2 | 645 | 33 |
| 8 | 285.8 | 58.3 | 1143.3 | 47.1 | 857.5 | 59.6 | 571.7 | 55.5 | 476.4 | 58.8 |
| 10 | 179.3 | 91.3 | 896.5 | 74.2 | 672.4 | 93.3 | 448.3 | 87.1 | 373.5 | 92 |
| 12 | 121.4 | 131.9 | 728.6 | 107.7 | 546.4 | 134.6 | 364.3 | 125.8 | 303.6 | 132.9 |
| 14 | 86.5 | 180.1 | 605.8 | 148.2 | 454.3 | 183.6 | 302.9 | 172.1 | 252.4 | 181.3 |
| 16 | 63.9 | 236 | 511.1 | 195.8 | 383.3 | 240.5 | 255.6 | 226 | 213 | 237.6 |
| 18 | 48.4 | 299.9 | 435.3 | 251.2 | 326.5 | 305.3 | 217.6 | 287.7 | 181.4 | 301.8 |
| 19 | 42.4 | 334.8 | 402.5 | 281.9 | 301.9 | 340.7 | 201.3 | 321.6 | 167.7 | 337 |
| 20 | 37.3 | 371.9 | 372.6 | 314.7 | 279.4 | 378.2 | 186.3 | 357.6 | 155.2 | 374.1 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|-----------|-------------------|----------|------------------|-----------|--------------------|-----------|----------------|-----------|
| | lbs/ft | in | lbs (2x) | in | lbs (3x) | in | lbs (3x) | in | lbs (4x) | in |
| 13' 1" | 788.62 | 9/16" | 5175.58 | 29/64" | 3881.68 | 37/64" | 2587.79 | 17/32" | 2156.49 | 37/64" |
| 19' 8" | 346.74 | 1 9/32" | 3413.34 | 1 1/32" | 2560.01 | 1 5/16" | 1706.67 | 1 7/32" | 1422.23 | 1 19/64" |
| 26' 3" | 192.05 | 2 9/32" | 2520.98 | 1 27/32" | 1890.79 | 2 11/32" | 1260.60 | 2 11/64" | 1050.46 | 2 5/16" |
| 32' 10" | 120.48 | 3 19/32" | 1976.78 | 2 29/32" | 1482.64 | 3 43/64" | 988.50 | 3 27/64" | 823.57 | 3 39/64" |
| 39' 4" | 81.58 | 5 3/16" | 1606.56 | 4 15/64" | 1204.81 | 5 19/64" | 803.28 | 4 15/16" | 669.44 | 5 7/32" |
| 45' 11" | 58.13 | 7 5/64" | 1335.79 | 5 53/64" | 1001.73 | 7 7/32" | 667.89 | 6 49/64" | 556.54 | 7 1/8" |
| 52' 6" | 42.94 | 9 9/32" | 1126.98 | 7 45/64" | 845.18 | 9 29/64" | 563.60 | 8 57/64" | 469.67 | 9 11/32" |
| 59' 1" | 32.52 | 11 51/64" | 959.84 | 9 7/8" | 719.93 | 12 1/64" | 479.81 | 11 5/16" | 399.99 | 11 7/8" |
| 62' 4" | 28.49 | 13 11/64" | 887.51 | 11 3/32" | 665.69 | 13 13/32" | 443.87 | 12 21/32" | 369.78 | 13 17/64" |
| 65' 7" | 25.06 | 14 41/64" | 821.58 | 12 3/8" | 616.08 | 14 7/8" | 410.79 | 14 5/64" | 342.22 | 14 23/32" |

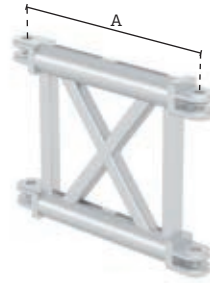
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



Corner gate 60°

| Code | kg (lbs) | mm (in) |
|--------------|-------------|-----------------|
| 4ST30-G2-60° | 7.3 (16.10) | A 540 (21 1/4") |
| Old code | | B 207 (8 9/64") |
| JT B1200A | | |



Corner gate 90°

| Code | kg (lbs) | mm (in) |
|--------------|------------|-----------------|
| 4ST30-G2-90° | 3.3 (7.28) | A 359 (14 1/8") |
| Old code | | |
| JT B1201 | | |



Corner gate 90°

| Code | kg (lbs) | mm (in) |
|-----------------|-------------|-----------------|
| 4ST30-G2-90°MK2 | 5.6 (12.35) | A 359 (14 1/8") |
| Old code | | |
| JT B1201 | | |



Corner gate 120°

| Code | kg (lbs) | mm (in) |
|---------------|------------|-------------|
| 4ST30-G2-120° | 2.6 (5.73) | A 254 (10") |
| Old code | | |
| JT B1204A | | |



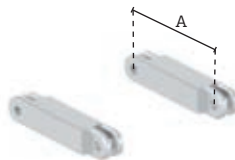
Corner gate 120°

| Code | kg (lbs) | mm (in) |
|------------------|----------|-------------|
| 4ST30-G2-120°MK2 | 4 (8.8) | A 254 (10") |
| Old code | | |
| JT B1204A | | |



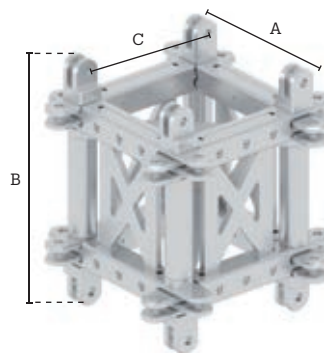
Corner gate 135°

| Code | kg (lbs) | mm (in) |
|---------------|------------|----------------|
| 4ST30-G2-135° | 2.1 (4.63) | A 194 (7 5/8") |
| Old code | | |
| JT B1203 | | |



Corner gate 135°

| Code | kg (lbs) | mm (in) |
|------------------|-----------|----------------|
| 4ST30-G2-135°MK2 | 2.4 (5.3) | A 194 (7 5/8") |
| Old code | | |
| JT B1203 | | |



6 way corner

| Code | kg (lbs) | mm (in) |
|-----------|--------------|---------------------|
| 4ST30-C6 | 30.7 (67.70) | A 406.2 (15 63/64") |
| Old code | | B 454.5 (17 57/64") |
| JT B1206W | | C 254 (10") |



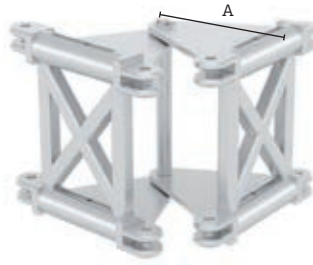
Corner gate 120° with lifting point

| Code | kg (lbs) | mm (in) |
|-----------------|------------|------------------|
| 4ST30-G2-120°LP | 3.9 (8.60) | A 254 (10") |
| Old code | | B 150 (5 57/64") |
| JT B1204B | | |



Gate support plate

| Code | kg | lbs | mm | in |
|-----------|-----|--------|-------|-------------|
| 4ST30-GSP | 1.6 | (3.53) | A 304 | (11 61/64") |
| Old code | | | | |
| JT B1208 | | | | |



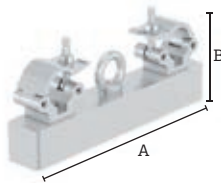
Pivot section 180°

| Code | kg | lbs | mm | in |
|---------------|-----|---------|-------|-----------|
| 4ST30-PS-180° | 8.1 | (17.86) | A 229 | (9 1/64") |
| Old code | | | | |
| JT B1206 | | | | |



Adapter ST30 - GP30

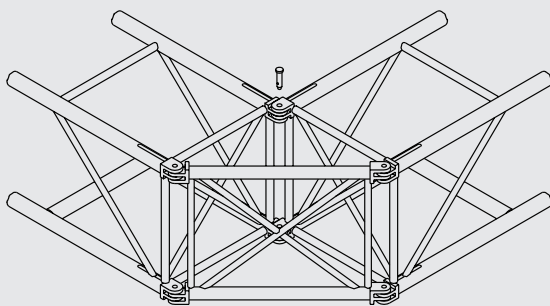
| Code | kg | lbs | mm | in |
|----------------|-----|--------|-------|-------------|
| AD-4ST30-4GP30 | 4.4 | (9.70) | A 304 | (11 61/64") |
| Old code | | | | |
| JT B1211 | | | | |



Ceiling support

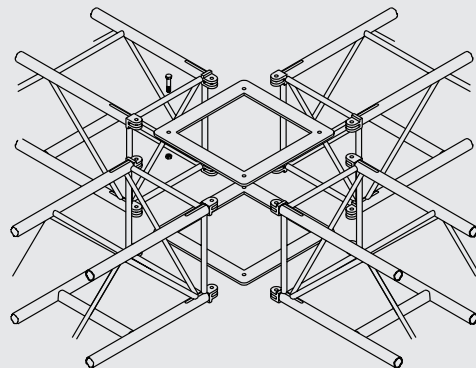
| Code | kg | lbs | mm | in |
|----------|-----|--------|-------|-------------|
| 4ST30-CS | 2.4 | (5.25) | A 366 | (14 13/32") |
| Old code | | | B 139 | (5 15/32") |
| JT B4712 | | | | |

Corner solutions



2 Way Connection

The 2 way joint is simply made by connecting the inside truss spigots and inserting a 2 way gate to join the outer truss tubes together. All joints are pinned using 12mm Pins and „R“ clips.



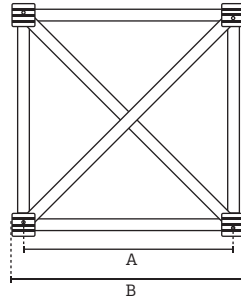
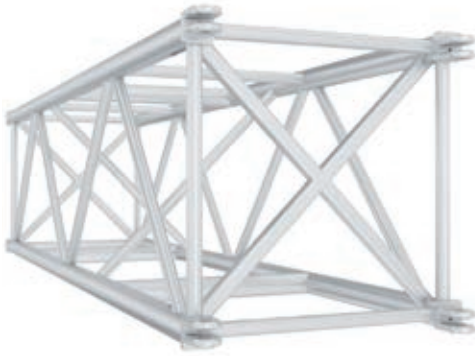
4 Way Connection

The 4 way joint is made by joining the 4 trusses together fitting a square support plate above and below the tubes of the truss locating through the spigot holes and joining together with M12 bolt sets.



ST52

With the SuperTruss series, Thomas rethought truss design so it encompasses the changing demands of the touring industry. Its unique design features double end connectors, which are orientated so the truss elements are unisex (used in male or female configuration). Its 50 × 4 mm (2" x 5/32") main chords and 25.4 × 3.2 mm (1" x 1/8") diagonals are made from EN-AW 6082T6 aluminium. Transport space is optimized due to its extremely high strength-to-size ratio and the space saving design of the corners.



| | | |
|--------------|----------------------|----|
| Code: | 4ST52 | |
| Main Chords: | mm | in |
| Diagonals: | mm | in |
| Alloy: | EN-AW-6082 T6 | |
| A | mm | in |
| B | mm | in |
| Connection: | Fork/Pin | |

Standard lengths and weights

| Code | 4ST52-L500 | 4ST52-L1000 | 4ST52-L1500 | 4ST52-L2000 | 4ST52-L2500 | 4ST52-L3000 |
|----------|--------------|--------------|---------------|--------------|--------------|---------------|
| Old code | JT B1305A | JT B1310 | JT B1315 | JT B1320 | JT B1325 | JT B1330 |
| m | 0.50 (1' 8") | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") |
| kg | 10.9 (24.03) | 15.9 (35.06) | 21.4 (47.19) | 24.9 (54.90) | 30.4 (67.03) | 39.0 (86.00) |

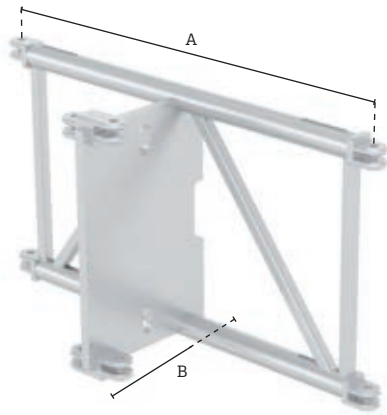
Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-------|-------------------|-------|------------------|-------|--------------------|-------|----------------|-------|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 8 | 389.7 | 23.5 | 1943.4 | 23.4 | 1457.5 | 29.7 | 971.7 | 27.7 | 779.4 | 28.2 |
| 10 | 307 | 45.5 | 1534.9 | 36.7 | 1151.2 | 46.5 | 767.4 | 43.3 | 639.5 | 45.8 |
| 12 | 209.8 | 65.6 | 1258.9 | 53.2 | 944.2 | 67 | 629.4 | 62.5 | 524.5 | 66.1 |
| 14 | 151.2 | 89.5 | 1058.6 | 72.9 | 794 | 91.3 | 529.3 | 85.4 | 441.1 | 90.2 |
| 16 | 113.2 | 117.2 | 905.6 | 96 | 679.2 | 119.5 | 452.8 | 111.9 | 377.4 | 118 |
| 18 | 87.1 | 148.7 | 784.2 | 122.6 | 588.2 | 151.6 | 392.1 | 142.1 | 326.8 | 149.7 |
| 20 | 68.5 | 184.1 | 684.9 | 152.8 | 513.7 | 187.5 | 342.4 | 176.3 | 285.4 | 185.3 |
| 22 | 54.7 | 223.4 | 601.6 | 186.9 | 451.2 | 227.5 | 300.8 | 214.3 | 250.7 | 224.9 |
| 24 | 44.2 | 266.8 | 530.4 | 225 | 397.8 | 271.5 | 265.2 | 256.4 | 221 | 268.5 |
| 26 | 36 | 314.3 | 468.4 | 267.4 | 351.3 | 319.5 | 234.2 | 302.6 | 195.2 | 316.2 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|-----------|-------------------|-----------|------------------|-----------|--------------------|-----------|----------------|----------|
| | lbs/ft | in | lbs (2x) | in | lbs (3x) | in | lbs (3x) | in | lbs (4x) | in |
| 26' 3" | 261.87 | 59/64" | 4285.20 | 29/32" | 3213.79 | 1 5/32" | 2142.60 | 1 5/64" | 1718.58 | 1 7/64" |
| 32' 10" | 206.29 | 1 25/32" | 3384.45 | 1 7/16" | 2538.40 | 1 53/64" | 1692.12 | 1 45/64" | 1410.10 | 1 51/64" |
| 39' 4" | 140.98 | 2 37/64" | 2775.87 | 2 3/32" | 2081.96 | 2 5/8" | 1387.83 | 2 29/64" | 1156.52 | 2 19/32" |
| 45' 11" | 101.60 | 3 33/64" | 2334.21 | 2 55/64" | 1750.77 | 3 19/32" | 1167.11 | 3 23/64" | 972.63 | 3 35/64" |
| 52' 6" | 76.07 | 4 39/64" | 1996.85 | 3 49/64" | 1497.64 | 4 45/64" | 998.42 | 4 25/64" | 832.17 | 4 41/64" |
| 59' 1" | 58.53 | 5 27/32" | 1729.16 | 4 13/16" | 1296.98 | 5 61/64" | 864.58 | 5 19/32" | 720.59 | 5 57/64" |
| 65' 7" | 46.03 | 7 15/64" | 1510.20 | 6 1/64" | 1132.71 | 7 3/8" | 754.99 | 6 15/16" | 629.31 | 7 9/32" |
| 72' 2" | 36.76 | 8 25/32" | 1326.53 | 7 11/32" | 994.90 | 8 61/64" | 663.26 | 8 27/64" | 552.79 | 8 27/32" |
| 78' 9" | 29.70 | 10 1/2" | 1169.53 | 8 27/32" | 877.15 | 10 11/16" | 584.77 | 10 3/32" | 487.31 | 10 9/16" |
| 85' 4" | 24.19 | 12 23/64" | 1032.82 | 10 33/64" | 774.62 | 12 37/64" | 516.41 | 11 29/32" | 430.42 | 12 7/16" |

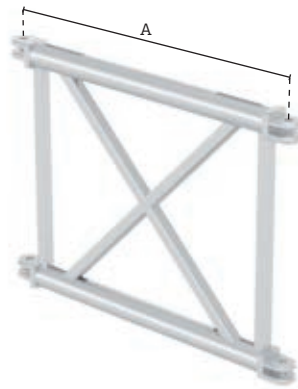
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



Corner gate 60°

| Code | kg | lbs | mm | in |
|---------------------|-------------|----------------|--------------|--------------------|
| 4ST52-G2-60° | 14.3 | (31.53) | A 912 | (35 57/64") |
| Old code | | | B 315 | (12 25/64") |
| JT B1300 | | | | |



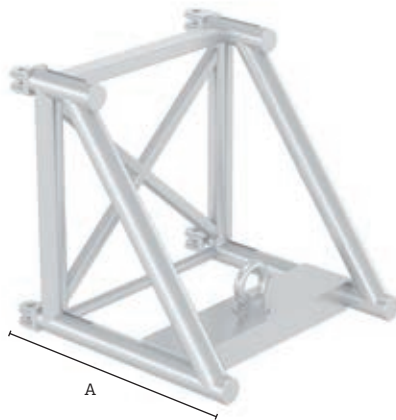
Corner gate 90°

| Code | kg | lbs | mm | in |
|---------------------|------------|----------------|--------------|-------------------|
| 4ST52-G2-90° | 5.0 | (11.03) | A 663 | (26 3/32") |
| Old code | | | | |
| JT B1301 | | | | |



Corner gate 120°

| Code | kg | lbs | mm | in |
|----------------------|------------|---------------|--------------|--------------------|
| 4ST52-G2-120° | 4.3 | (9.48) | A 469 | (18 29/64") |
| Old code | | | | |
| JT B1304 | | | | |



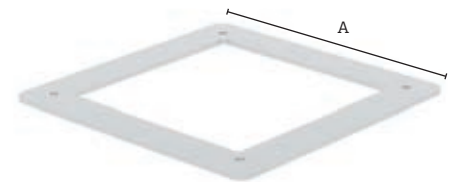
Corner gate 120° with lifting point

| Code | kg | lbs | mm | in |
|------------------------|-------------|----------------|--------------|--------------------|
| 4ST52-G2-120°LP | 11.7 | (25.80) | A 530 | (20 55/64") |
| Old code | | | | |
| JT B1305 | | | | |



Corner gate 135°

| Code | kg | lbs | mm | in |
|----------------------|------------|---------------|--------------|------------------|
| 4ST52-G2-135° | 3.9 | (8.60) | A 359 | (14 1/8") |
| Old code | | | | |
| JT B1303 | | | | |



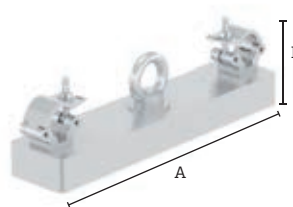
Gate support plate

| Code | kg | lbs | mm | in |
|------------------|------------|----------------|--------------|--------------------|
| 4ST52-GSP | 4.9 | (10.78) | A 576 | (22 43/64") |
| Old code | | | | |
| JT B1308 | | | | |



Adapter ST52 - GP52

| Code | kg | lbs | mm | in |
|-----------------------|------------|----------------|--------------|--------------------|
| AD-4ST52-4GP52 | 5.7 | (12.57) | A 469 | (18 29/64") |
| Old code | | | | |
| JT B1311 | | | | |



Ceiling support

| Code | kg | lbs | mm | in |
|-----------------|------------|----------------|--------------|--------------------|
| 4ST52-CS | 6.1 | (13.45) | A 545 | (21 29/64") |
| Old code | | | B 139 | (5 15/32") |
| JT B1312 | | | | |

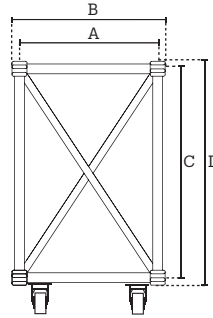


Corner gate 120° with lifting point

| Code | kg | lbs | mm | in |
|----------------------|-----------|---------------|--------------|--------------------|
| 4ST52-G3-LPZ1 | 17 | (37.5) | A 469 | (18 29/64") |
| Old code | | | | |
| JT B1305 | | | | |

ST76R

The ST76R is a large, heavy-duty fork and pin truss series. The revolutionary design of ST76R delivers all of the advantages of Thomas SuperTruss in a 76 x 52 cm (30" x 20.5") layout. Extended spans and super heavy loads required by the entertainment industry are covered by the ST76R. The SuperTruss 76R series provides a substantial increase in load bearing capacity compared to the GP Heavy Duty Truss. Truss comes standard without castor wheels.



| | | | |
|--------------|------------------------|----|--------------------------|
| Code: | | | 4ST76R |
| Main Chords: | mm | in | 51x4 (2"x5/32") |
| Diagonals: | mm | in | 25.4x3 (1"x7/64") |
| Alloy: | EN - AW 6061 T6 | | |
| A | mm | in | 470 (18 1/2") |
| B | mm | in | 521 (20 1/2") |
| C | mm | in | 711 (27 63/64") |
| D | mm | in | 762 (30") |
| Connection: | Fork/Pin | | |

Standard lengths and weights

| Code | 4ST76R-L1000 | 4ST76R-L1500 | 4ST76R-L2000 | 4ST76R-L2500 | 4ST76R-L3000 |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Old code | JT B2910 | JT B2915 | JT B2920 | JT B2925 | JT B2930 |
| m | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") |
| ft | | | | | |

Standard corner gates available:

| | Corner gate 60° | Corner gate 90° | Corner gate 120° | Corner gate 135° | Corner gate 120°with lifting point |
|----------|------------------------|------------------------|-------------------------|-------------------------|---|
| Code | 4ST76R-G2-60° | 4ST76R-G2-90° | 4ST76R-G2-120° | 4ST76R-G2-135° | 4ST76R-G2-120°LP |
| Old code | JT B2900 | JT B2901 | JT B2904 | JT B2903 | JT B2905 |



Corner gates



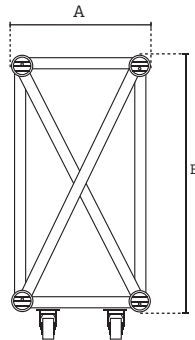
Corner gate 120°with lifting point

All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applies in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50

SMT107R

Designed for monumental load bearing capacity, the SM107R SuperMega Truss has a maximum span of 39 m (127') without deflection, up to 48 m (157') with limited deflection and can serve as the base of a "Mother Grid" or large roof system. Made from EN-AW 6082T6 aluminium, it features 76×4mm (3" x 5/32") main chords and 38×3 mm (1½" x 7/64") diagonals. The extra heavy-duty fork is a scaled up version of the Supertruss fork, which ensures easy connection and superior strength. Manoeuvrability is ensured by the standard fitting of casters.



| | | | |
|-------------------|----|----|--|
| Code: | | | 4SMT107R |
| Main Chords: | mm | in | 76 (2 63/64") |
| Cross boom tubes: | mm | in | 50 (1 61/64") |
| Diagonals: | mm | in | 38 (1 31/64") |
| Alloy: | | | EN - AW 6061 T6 EN - AW 6082 T6 |
| A | mm | in | 576 (22 43/64") |
| B | mm | in | 1076 (42 23/64") |
| Connection: | | | Fork/Pin |

Standard lengths and weights

| Code | 4SMT107R-L1000 | 4SMT107R-L1500 | 4SMT107R-L2000 | 4SMT107R-L2500 | 4SMT107R-L3000 |
|----------|----------------|----------------|----------------|----------------|----------------|
| Old code | JT B2810 | JT B2815 | JT B2820 | JT B2825 | JT B2830 |
| m | 1.00 (3' 3") | 1.50 (4' 11") | 2.00 (6' 7") | 2.50 (8' 2") | 3.00 (9' 10") |
| ft | | | | | |

Standard corner gates available:

| | Corner gate 60° | Corner gate 90° | Gate support plate | 3 way gate with lifting point | Ceiling support |
|----------|-----------------|-----------------|--------------------|-------------------------------|-----------------|
| Code | 4SMT107R-G2-60° | 4SMT107R-G3-90° | 4SMT107R-GSP | 4SMT107R-G3LP | 4SMT107R-CS |
| Old code | JT B2802 | JT B2803 | JT B2808 | JT B2803A | JT B2812 |

Loading chart

| Span m | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|-----------|----------------------------|-----|-------------------|-----|------------------|-----|--------------------|-----|----------------|-----|
| | kg/m | mm | kg | mm | kg (2x) | mm | kg (3x) | mm | kg (4x) | mm |
| 1 | 9129 | 0 | 9129 | 0 | 4565 | 0 | 3043 | 0 | 2282 | 0 |
| 3 | 3018 | 1 | 9053 | 1 | 4526 | 1 | 3018 | 1 | 2263 | 1 |
| 9 | 866 | 16 | 3898 | 13 | 2924 | 16 | 1949 | 15 | 1624 | 16 |
| 15 | 287 | 44 | 2156 | 37 | 1617 | 45 | 1078 | 43 | 898 | 45 |
| 21 | 128 | 88 | 1344 | 75 | 1008 | 90 | 672 | 85 | 560 | 89 |
| 27 | 62 | 148 | 843 | 131 | 632 | 150 | 421 | 144 | 351 | 149 |
| 33 | 29 | 226 | 482 | 207 | 361 | 228 | 241 | 221 | 201 | 227 |
| 37 | 15 | 288 | 286 | 273 | 214 | 290 | 143 | 284 | 119 | 289 |
| 41 | 6 | 360 | 113 | 351 | 85 | 361 | 56 | 358 | 47 | 360 |
| 43 | 2 | 399 | 33 | 396 | 25 | 400 | 17 | 399 | 14 | 399 |

| Span ft | Uniformly Distributed load | | Centre Point load | | Third Point load | | Quarter Point load | | 5th Point load | |
|------------|----------------------------|-----------|-------------------|-----------|------------------|-----------|--------------------|-----------|----------------|-----------|
| | lbs/ft | in | lbs (2x) | in | lbs (3x) | in | lbs (3x) | in | lbs (4x) | in |
| 3' 3" | 6134 | 0" | 20129 | 0" | 10066 | 0" | 6710 | 0" | 5032 | 0" |
| 9' 10" | 2028 | 1/32" | 19962 | 1/32" | 9980 | 1/32" | 6655 | 1/32" | 4990 | 1/32" |
| 29' 6" | 582 | 5/8" | 8595 | 1/2" | 6447 | 5/8" | 4298 | 37/64" | 3581 | 5/8" |
| 49' 2" | 193 | 1 23/32" | 4754 | 1 29/64" | 3565 | 1 49/64" | 2377 | 1 11/16" | 1980 | 1 49/64" |
| 68' 11" | 86 | 3 29/64" | 2964 | 2 15/16" | 2223 | 3 17/32" | 1482 | 3 11/32" | 1235 | 3 1/2" |
| 88' 7" | 42 | 5 13/16" | 1859 | 5 5/32" | 1394 | 5 57/64" | 928 | 5 21/32" | 774 | 5 55/64" |
| 108' 3" | 19 | 8 57/64" | 1063 | 8 9/64" | 796 | 8 31/32" | 531 | 8 11/16" | 443 | 8 59/64" |
| 121' 5" | 10 | 11 21/64" | 631 | 10 47/64" | 472 | 11 13/32" | 315 | 11 11/64" | 262 | 11 3/8" |
| 134' 6" | 4 | 14 11/64" | 249 | 13 13/16" | 187 | 14 13/64" | 123 | 14 3/32" | 104 | 14 11/64" |
| 141' 1" | 1 | 15 45/64" | 73 | 15 37/64" | 55 | 15 47/64" | 37 | 15 45/64" | 31 | 15 45/64" |

Pre-rig Lowpro 60

Truss

- Double fork connectors fixed or rotatable
- Adjustable mounting bars for conventional or moving lights
- Removeable stacking cup
- Available gates allow flexible designs
- Space saving 38cm design allows for easy fixture pack
- Ideal for Touring or any Venue
- Black painted version available

Dolly

- Allows ample working area for fixtures
- Optional spring dampening unit
- Dolly folds away & stacks
- 61 cm Dolly model makes for tighter truck pack
- Wheels on outside edges for improved stability



| | | | |
|--------------|----|----|------------------------|
| Code: | | | 4LP60 |
| Main Chords: | mm | in | 56 (2 13/64") |
| Diagonals: | mm | in | 4.8 (3/16) |
| Alloy: | | | EN AW-6061 T6 |
| A | mm | in | 558 (22") |
| B | mm | in | 609 (24") |
| C | mm | in | 391 (15 25/64") |
| D | mm | in | 391 (15 25/64") |
| E | mm | in | 1021 (40 3/16") |
| Connection: | | | Fork/Pin |

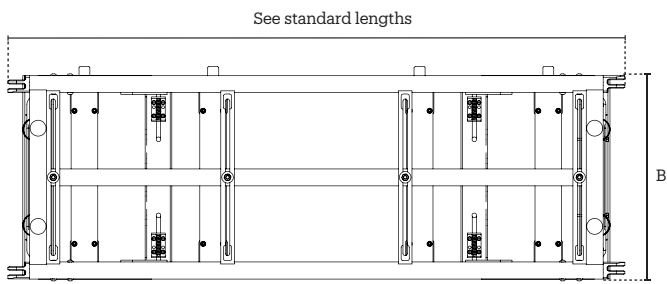
Standard lengths and weights

| Truss - natural finish aluminium | Code | 4LP60T-L1500 | 4LP60T-L1800 | 4LP60T-L2000 | 4LP60T-L2400 | 4LP60T-L3000 | |
|----------------------------------|------|----------------|----------------|----------------|----------------|----------------|--------------|
| Truss - black painted | Code | 4LP60T-L1500BL | 4LP60T-L1800BL | 4LP60T-L2000BL | 4LP60T-L2400BL | 4LP60T-L3000BL | |
| | m | ft | 1.50 (3' 3") | 1.80 (5' 11") | 2.00 (6' 7") | 2.4 (7' 10") | 3.0 (9' 10") |
| | kg | lb | 26 (57) | 32 (70.5) | 35 (77) | 43 (94.8) | 52 (114.6) |

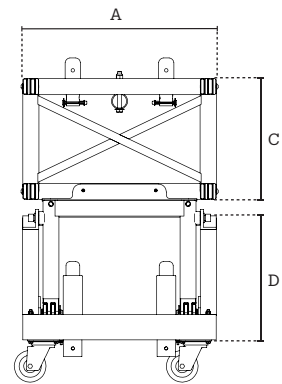
| Dolly - natural finish aluminium | Code | 4LP60D-L1500 | 4LP60D-L1800 | 4LP60D-L2000 | 4LP60D-L2400 | 4LP60D-L3000 | |
|----------------------------------|------|--------------|--------------|---------------|--------------|--------------|--------------|
| | m | ft | 1.50 (3' 3") | 1.80 (5' 11") | 2.00 (6' 7") | 2.4 (7' 10") | 3.0 (9' 10") |
| | kg | lb | 36.5 (80.5) | 44 (97) | 49 (108) | 58 (127.9) | 73 (160.9) |

Available Combination

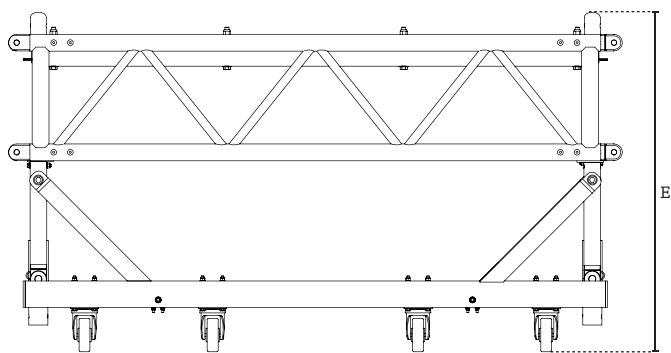
| Truss - natural finish aluminium Dolly - natural finish aluminium | Code | 4LP60-L1500 | 4LP60-L1800 | 4LP60-L2000 | 4LP60-L2400 | 4LP60-L3000 | |
|--|------|---------------|---------------|---------------|---------------|---------------|--------------|
| Truss - black painted Dolly - natural finish aluminium | Code | 4LP60-L1500BL | 4LP60-L1800BL | 4LP60-L2000BL | 4LP60-L2400BL | 4LP60-L3000BL | |
| | m | ft | 1.50 (3' 3") | 1.80 (5' 11") | 2.00 (6' 7") | 2.4 (7' 10") | 3.0 (9' 10") |



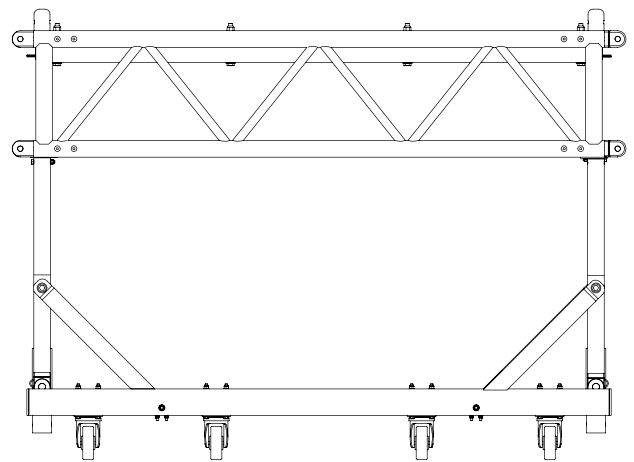
Plan view



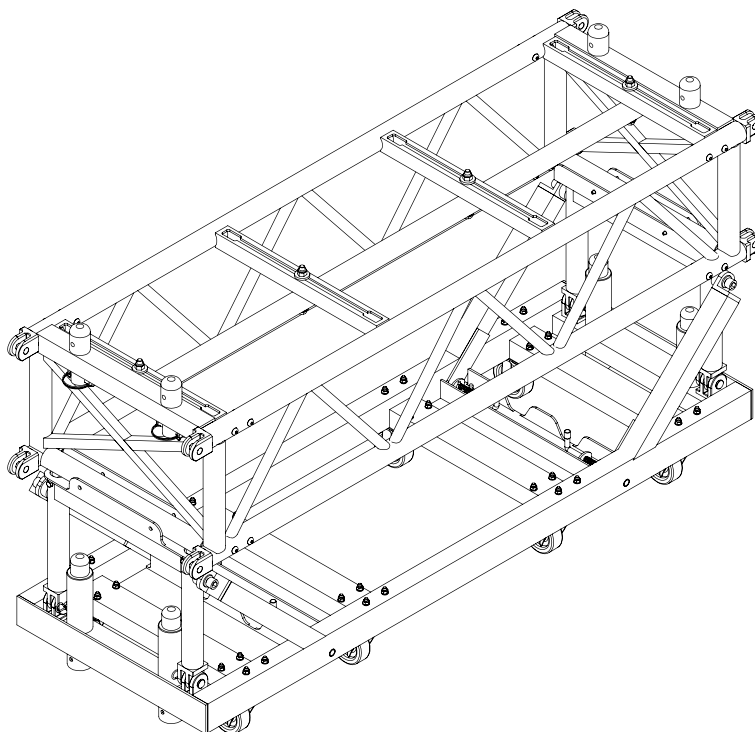
End view



Side view
Shortest position

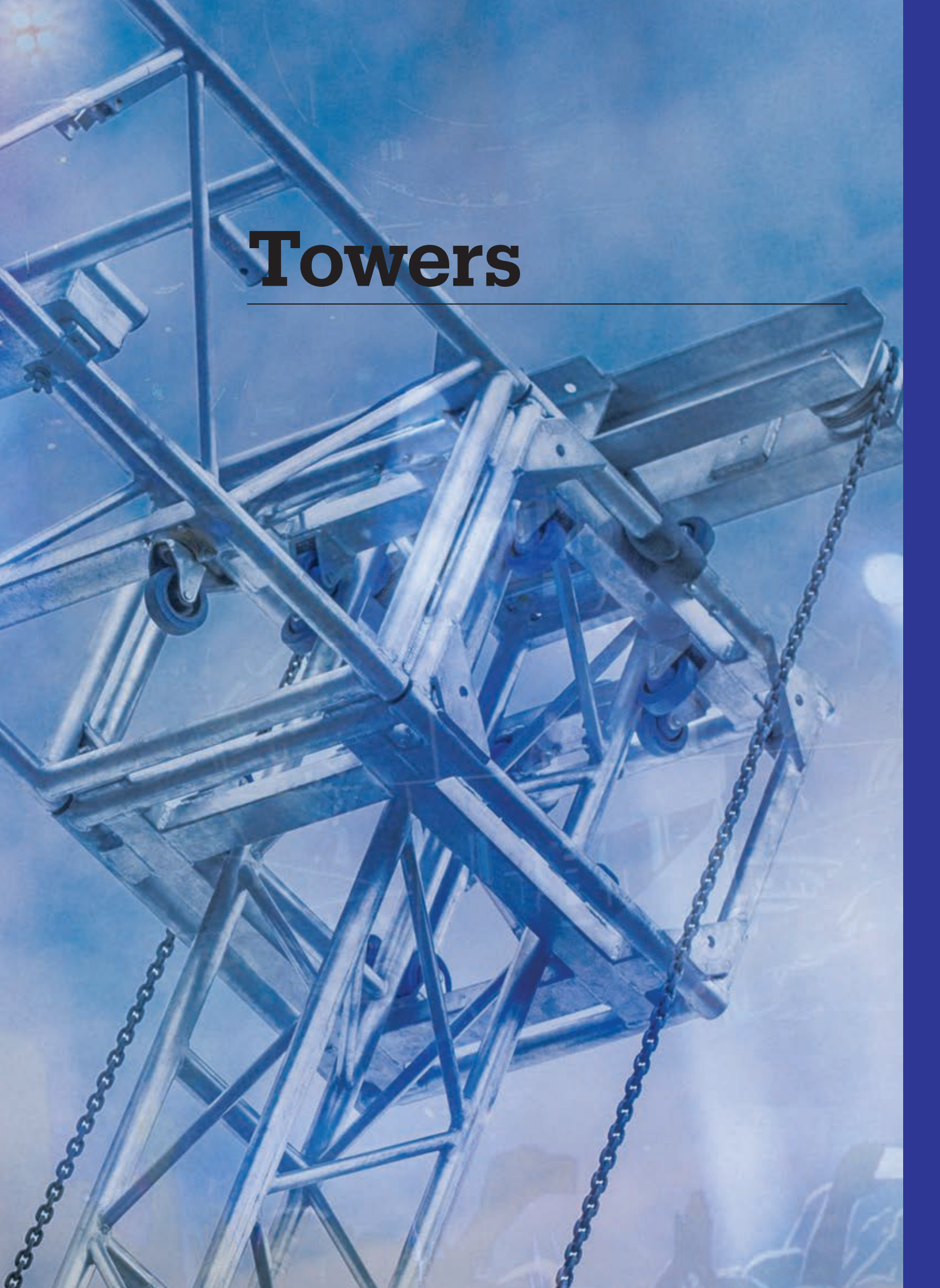


Side view
Tallest position



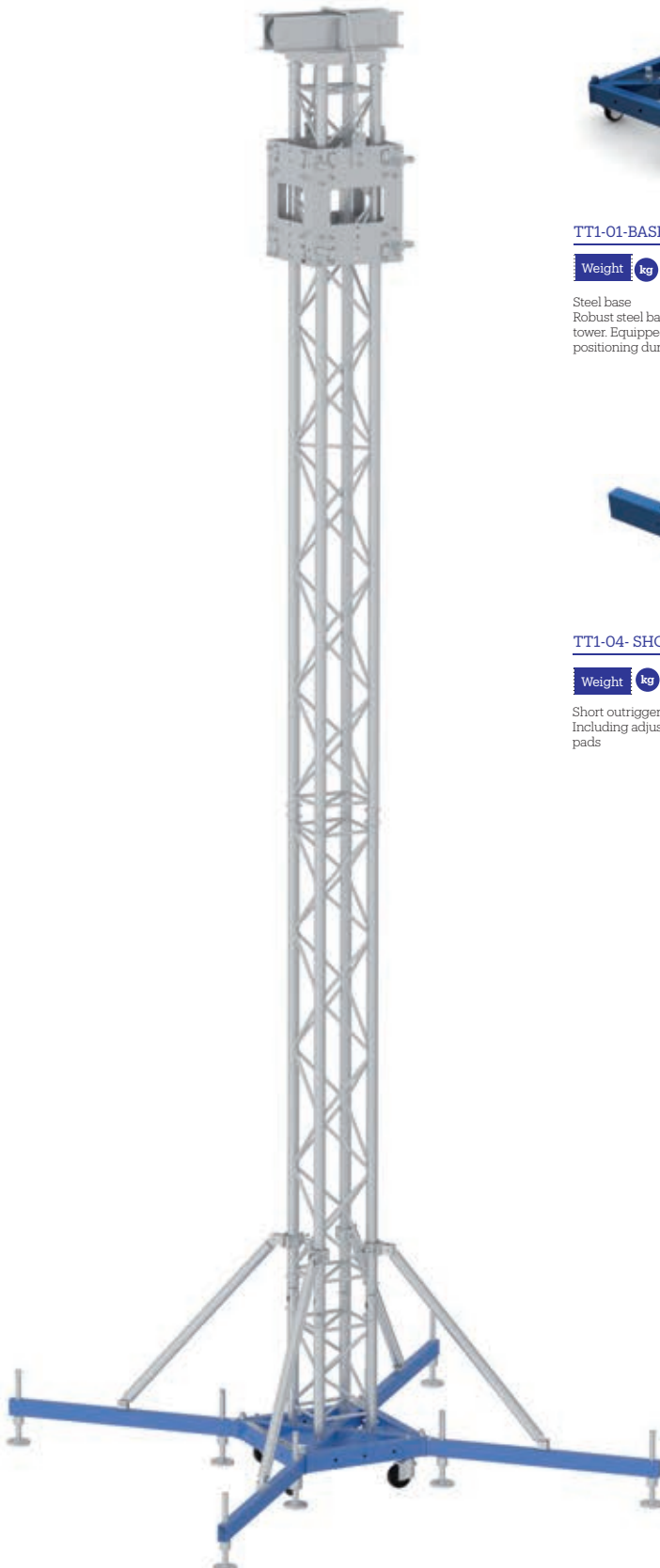


Towers



Thomas Tower - TT1

- Compact, heavy-duty JT30 series tower system - 7.5m (24.60 ft) max height
- For use independently or within roof systems
- Sleeve block designed for use with JT30&JT40H trusses
- Operate with manual chain hoist or electric chain hoist (bracket required)
- Reinforced head section with built-in feature for dead-hanging
- Guy wire connection points via bolt-on hangers
- Short or long outriggers (incl. stabilising brace) available
- Adjustable base feet with rubber pads for optimal friction



TT1-01-BASE

Weight **kg** **lbs** **33.00** (72.66)

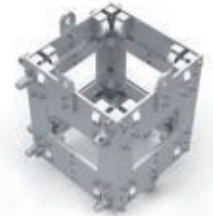
Steel base
Robust steel base gives stability to the tower. Equipped with wheels for easy positioning during setup.



TT1-02-HEAD SECTION

Weight **kg** **lbs** **13.00** (28.65)

Head section for chain
Fitted with steel pulleys for 7 - 8mm (0.28 - 0.31") chain
Alternative dimensions available after consultation



TT1-03-SLEEVE

Weight **kg** **lbs** **46.00** (101.29)

Sleeve block
Consists of 10mm (0.39") al. plates connected with steel components.
Can be attached to JT30 & JT40H



TT1-04-SHORT OUTRIGGER

Weight **kg** **lbs** **5.00** (11.02)

Short outrigger
Including adjustable spindles, rubber pads



TT1-05-LONG OUTRIGGER

Weight **kg** **lbs** **16.00** (35.23)

Long outrigger
1.2m (3.94") long, including adjustable spindles, rubber pads



TT1-07-HINGES

Weight **kg** **lbs** **2.40** (5.28)

Hinges
Used to connect the vertical tower pieces and to allow for tilt-up assembly, set of 4pcs



TT1-01-BALAST BASE

Weight **kg** **lbs** **29.00** (64.00)

Designed to stack flat with smooth sides.
Integrated guy wire points.
Max. load: 2000 kg (4409 lbs)



TT1-09-BRACKET FOR MOTOR

Weight **kg** **lbs** **6.00** (13.21)

Bracket for chain hoist
Used for electric chain hoist attachment to sleeve block to achieve max. loading



TT1-OUTRIGGER HOLDER

Weight **kg** **lbs** **4.60** (20.00)

Designed to secure outriggers to the steel base for easy transport and storage.



Thomas Tower - TT3

- 30.5cm square ground support tower
- Serves as lifting medium for a variety of JTE truss (30.5 x 30.5 cm to heavy-duty)
- Provides support for truss rigs where flying points are not strong enough or in the wrong place
- Each tower can lift up to 2 tons (incl. self weight of truss rig and motors) to a height of 10 metres
- Raises and lowers truss rig via an electric hoist rigged into the truss in double fall operation (passing over roller beam at top of tower)
- Specially designed hinge section allows horizontal assembly of towers at truss top level then swung down and locked in vertical operating position
- 50 x 4 mm main chords
- 25 x 3 mm diagonals
- Made from 6082-T6 aluminium
- Bolted construction eliminates issues related to weld heat affected zones



| Code | Old code | Description |
|------------------------|----------|------------------------------------|
| TT3-01-BASE | JT B3500 | Base |
| TT3-02-HEAD | JT B3502 | Roller beam (1t hoist) |
| TT3-03-SLEEVE | JT B4106 | 4 way sleeve block for 4GP30 truss |
| TT3-05-LEG-LONG | JT B3503 | Foot outrigger l=2m |
| TT3-07-HINGE | JT B3501 | Hinge section l=2m |

| | | |
|---------------------|----------|--------------------|
| 4GP30T-L500 | JT B3505 | 0.5m tower section |
| 4GP30T-L1000 | JT B3510 | 1m tower section |
| 4GP30T-L1500 | JT B3515 | 1.5m tower section |
| 4GP30T-L2000 | JT B3520 | 2m tower section |
| 4GP30T-L2500 | JT B3525 | 2.5m tower section |
| 4GP30T-L3000 | JT B3530 | 3m tower section |
| 4GP30T-L4000 | JT B3540 | 4m tower section |



TT3-02-HEAD



TT3-03-SLEEVE



TT3-01-BASE



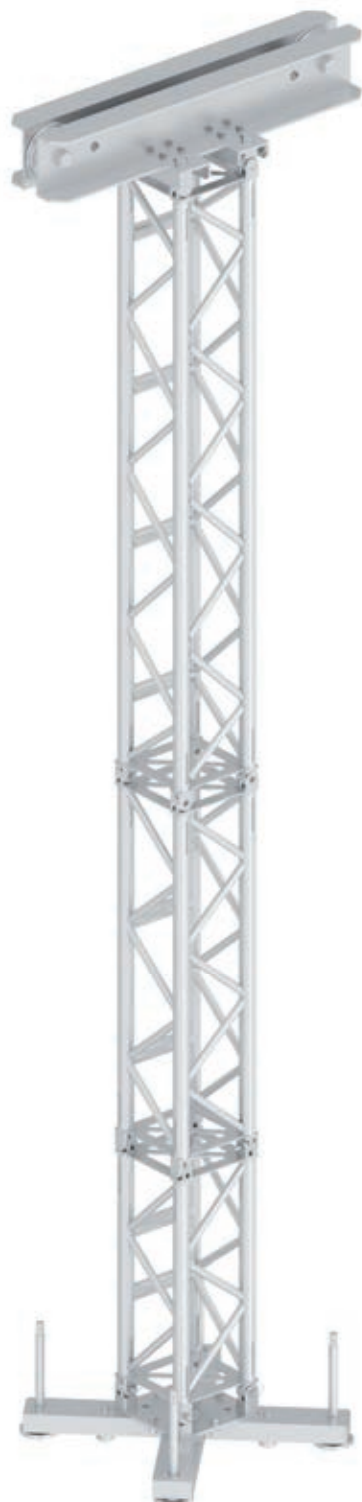
TT3-05-LEG-LONG



TT3-07-HINGE

Thomas Tower - TT4

- 30.5cm square ground support tower
- Serves as lifting medium for a variety of JTE truss (from 52 x 52 cm, heavy-duty, Supertruss and Pre-rig truss to Roof Systems)
- Fork connections for fast assembly and higher load ratings than bolted towers
- Provides support for truss rigs where flying points are not strong enough or in the wrong place
- Each tower can lift up to 4 tons (incl. self weight of truss rig and motors) to a height of 12 metres
- Raises and lowers truss rig via an electric hoist rigged into the truss in double fall operation (passing over roller beam at top of tower and connected to other side of sleeve block)
- 50 x 4 mm main chords
- 25 x 3 mm diagonals
- Tower sections are pinned together to allow for 76 cm increments in height to a maximum height of 12 metres
- Made from 6082-T6 aluminium



| Code | Old code | Description |
|----------------------------------|------------|--|
| TT4-01-BASE | JT B5300A | Base with vertical connecting forks |
| TT4-02-HEAD | JT B5302-B | Roller beam with vertical connecting forks |
| TT4-03-SLEEVE | JTB1309A | Tower sleeve plate |
| TT4-05-LEG-LONG | JT B4003 | Foot outrigger l=2m |
| TT4-07-HINGE | JT B5301 | Hinge section l=2m |
| TT4-11-LOWER SAFETY BLOCK | JT B4120A | Sleeve block tower mount safety system |
| TT4-12-UPPER SAFETY BLOCK | JT B4120B | Sleeve block mount safety system |
| 4ST30T-L500 | - | 0.5m tower section |
| 4ST30T-L1000 | JT B5310 | 1m tower section |
| 4ST30T-L1500 | JT B5315 | 1.5m tower section |
| 4ST30T-L2000 | JT B5320 | 2m tower section |
| 4ST30T-L2500 | JT B5325 | 2.5m tower section |
| 4ST30T-L3000 | JT B5330 | 3m tower section |



TT4-02-HEAD



TT4-03-SLEEVE



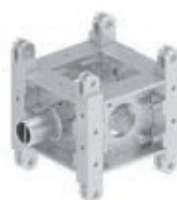
TT4-01-BASE



TT4-05-LEG-LONG



TT4-07-HINGE



TT4-11-LOWER SAFETY BLOCK



TT4-12-UPPER SAFETY BLOCK



The background of the slide is a blue-tinted image of a microscope. The lens and eyepiece are visible in the upper left, and the base is in the lower right. There are several bright, starburst-like light flares scattered across the image, particularly in the lower left and center. The overall aesthetic is clean and scientific.

Cell Clamps

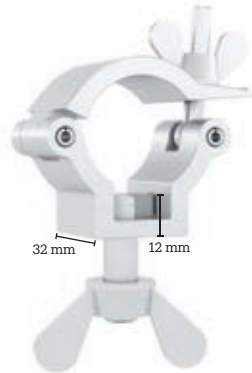
CELL130

- Designed to fit 32mm (1 1/4") to 35mm (1 3/8") truss tubes
- CE certified
- Rated with Safety Factor 8:1 DGVUV17/BGVC1 (SWL)
- Interchangeable M10 screw ensures flexible attachment points
- Polished surface with micro-percussion markings
- Powder coated versions available on request



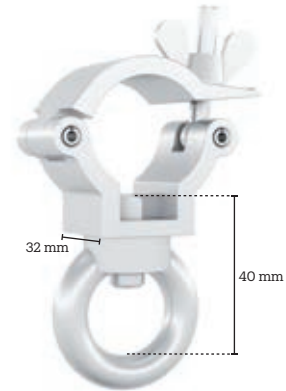
CELL131 - Basic Clamp

| kg | lbs | kg | lbs | mm | in |
|-----------|------------|-----------------------|-----|----|----|
| SWL | Weight | Tube | | | |
| 160 (353) | 0.10 (0.2) | 32-35 (1 1/4"-1 3/8") | | | |



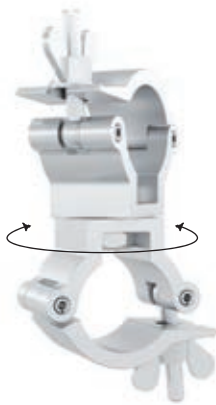
CELL132 - Clamp with bolt + wingnut

| kg | lbs | kg | lbs | mm | in |
|-----------|-------------|-----------------------|-----|----|----|
| SWL | Weight | Tube | | | |
| 160 (353) | 0.25 (0.33) | 32-35 (1 1/4"-1 3/8") | | | |



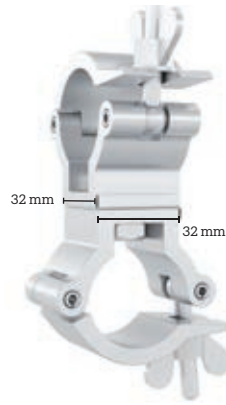
CELL133 - Clamp with lifting eye

| kg | lbs | kg | lbs | mm | in |
|-----------|-------------|-----------------------|-----|----|----|
| SWL | Weight | Tube | | | |
| 160 (353) | 0.70 (1.54) | 32-35 (1 1/4"-1 3/8") | | | |



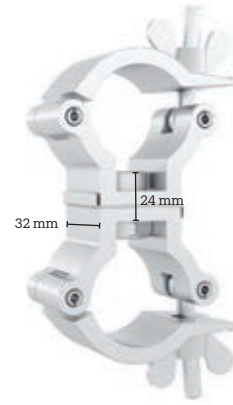
CELL134 - Swivel coupler

| kg | lbs | kg | lbs | mm | in |
|-----------|-------------|-----------------------|-----|----|----|
| SWL | Weight | Tube | | | |
| 160 (353) | 0.80 (1.76) | 32-35 (1 1/4"-1 3/8") | | | |



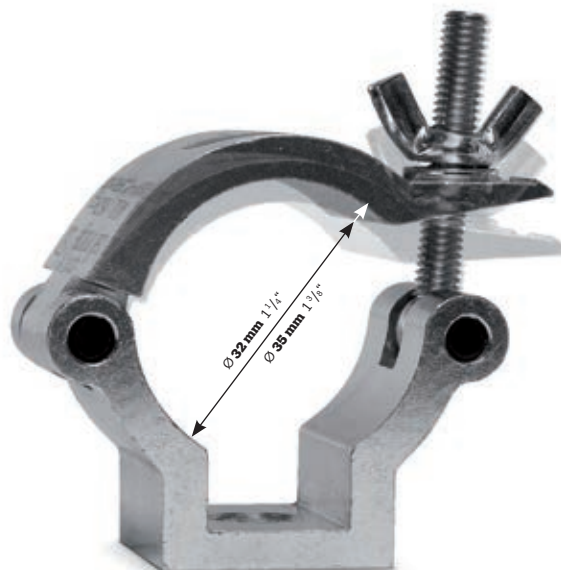
CELL135 - 90° fixed coupler

| kg | lbs | kg | lbs | mm | in |
|-----------|-------------|-----------------------|-----|----|----|
| SWL | Weight | Tube | | | |
| 160 (353) | 0.80 (1.76) | 32-35 (1 1/4"-1 3/8") | | | |



CELL136 - Parallel coupler

| kg | lbs | kg | lbs | mm | in |
|-----------|-------------|-----------------------|-----|----|----|
| SWL | Weight | Tube | | | |
| 160 (353) | 0.80 (1.76) | 32-35 (1 1/4"-1 3/8") | | | |

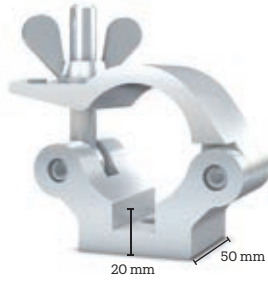




CELL200

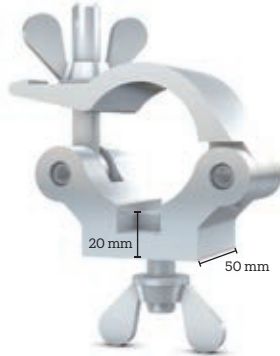
ALI4851

- Designed to fit 48 mm (1 7/8") to 51 mm (2.00") truss tubes
- Truss clamps are all supplied with M12 wing nuts
- Mounting hole for up to 13 mm (1/2") bolts
- Rated with Safety Factor 8:1 DGVV17/BGVC1 (SWL)
- CE certified
- Polished surface with micro-percussion markings
- Powder coated versions available on request



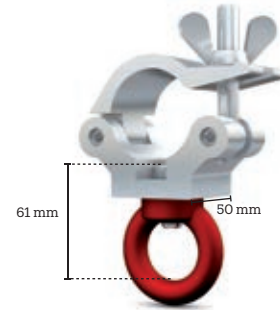
HCL5101 - Basic truss clamp

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 650 | (1433) | 0.50 | (1.10) | 48-51 | (1 7/8"-2") |



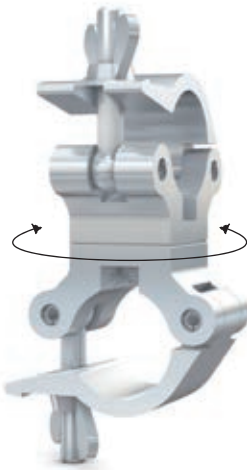
HCL5102 - Truss clamp with bolt+ wingnut

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 650 | (1433) | 0.59 | (1.30) | 48-51 | (1 7/8"-2") |



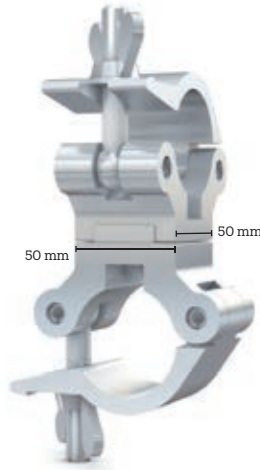
HCL5103W050 - Truss clamp with lifting eye

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 650 | (1433) | 1.00 | (2.20) | 48-51 | (1 7/8"-2") |



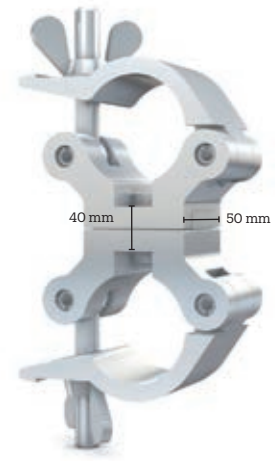
HCL5104 - Swivel truss coupler

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 540 | (1190) | 1.00 | (2.20) | 48-51 | (1 7/8"-2") |



HCL5105 - 90° fixed truss coupler

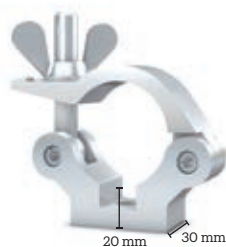
| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 540 | (1190) | 1.00 | (2.20) | 48-51 | (1 7/8"-2") |



HCL5106 - Parallel truss coupler

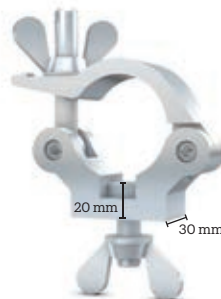
| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 540 | (1190) | 1.00 | (2.20) | 48-51 | (1 7/8"-2") |

ALI4851N - NARROW VERSION



HCL5107N - Narrow truss clamp basic

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 560 | (1234) | 0.30 | (0.66) | 48-51 | (1 7/8"-2") |



HCL5108N - Narrow truss clamp with bolt + wingnut

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 560 | (1234) | 0.39 | (0.86) | 48-51 | (1 7/8"-2") |

CELL200

ALI4851S – SLIM VERSION



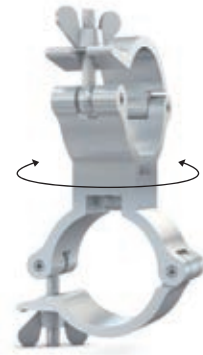
HCL5101S – Slim turuss clamp

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 230 | (507) | 0.14 | (0.30) | 48-51 | (1 7/8"-2") |



HCL5102S – Slim truss clamp with bolt + wingnut

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 230 | (507) | 0.22 | (0.47) | 48-51 | (1 7/8"-2") |

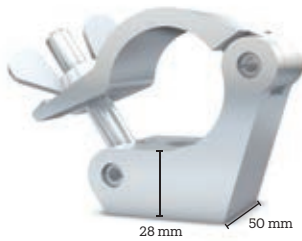


HCL5104S – Slim swivel truss coupler

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 230 | (507) | 0.27 | (0.60) | 48-51 | (1 7/8"-2") |

ALI4251

- Designet to fit 42mm (1 41/64") to 51 (2.00") truss tubes
- Truss clamps are all supplied with M12 wing huts
- Mounting hole for up to 13 mm (1/2") bolts
- CE certified
- Polished surface with micro-percussion markings
- Powder coated versions available on request



HCL5111F – Side clamp

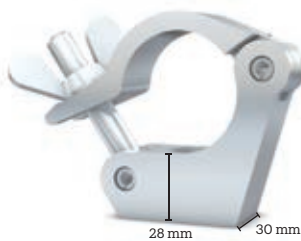
| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 780 | (1720) | 0.65 | (1.43) | 42-51 | (1 41/64"-2") |



HCL 5102F – Side clamp

| kg | lbs | kg | lbs | mm | in |
|-----|--------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 780 | (1720) | 0.74 | (1.63) | 42-51 | (1 41/64"-2") |

ALI4251 - NARROW VERSION



HCL5112FN – Narrow slide clamp

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 410 | (904) | 1.00 | (2.20) | 42-51 | (1 41/64"-2") |



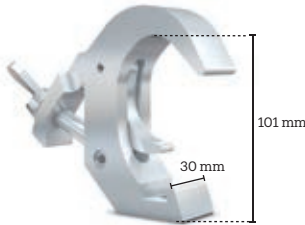
HCL5102FN – Narrow slide clamp

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 410 | (904) | 1.09 | (2.40) | 42-51 | (1 41/64"-2") |

CELL400

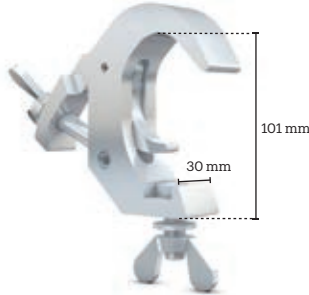
LIC3851

- Quick hook clamp series designed to fit 38mm (1 31/64") to 51mm (2") truss tubes
- Quick & easy attachment solution to hang luminaires
- Mounting hole for up to 13 mm (1/2") bolts
- Lighting clamps are all supplied with M12 wing nuts
- CE certified
- Rated with Safety Factor 8:1 DGVU17/BGVC1 (SWL)
- Polished surface with micro-percussion markings
- Powder coated versions available on request



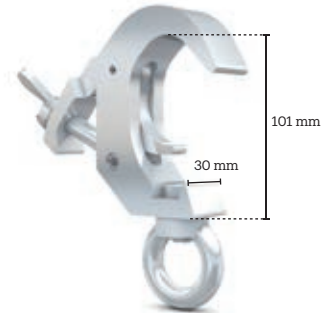
ACL51010 - Basic clamp

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 360 | (794) | 0.68 | (1.50) | 38-51 | (1 31/64"-2") |



ACL51020 - Quick truss clamp with bolt + wingnut

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 360 | (794) | 0.75 | (1.65) | 38-51 | (1 31/64"-2") |



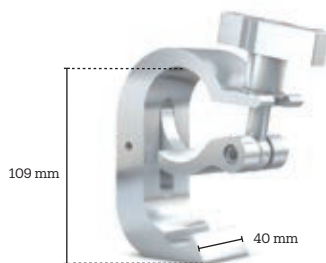
ACL51030 - Quick truss clamp with lifting eye

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|---------------|
| SWL | | Weight | | Tube | |
| 360 | (794) | 0.75 | (1.65) | 38-51 | (1 31/64"-2") |

CELL600

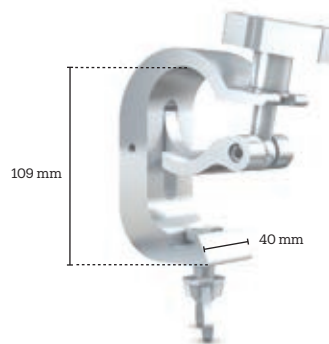
LIC4851

- Hook clamp series designed to fit 48mm (1 7/8") to 51mm (2") truss tubes
- Quick & easy attachment solution to hang luminaires
- Mounting hole for up to 13 mm (1/2") bolts
- These lighting clamps are all supplied with knobs
- CE certified
- Rated with Safety Factor 8:1 DGVU17/BGVC1 (SWL)
- Polished surface with micro-percussion markings
- Powder coated versions available on request



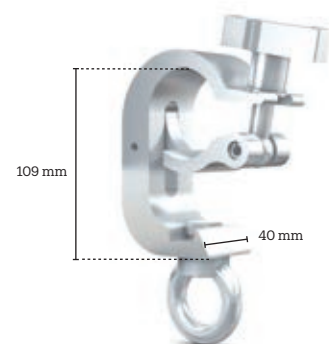
ACL5101C - Basic truss clamp

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 350 | (771) | 0.50 | (1.10) | 48-51 | (1 7/8"-2") |



ACL5102C - Truss clamp with bolt + large wingnut

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 350 | (771) | 0.58 | (1.28) | 48-51 | (1 7/8"-2") |



ACL5103C - Truss clamp with lifting eye

| kg | lbs | kg | lbs | mm | in |
|-----|-------|--------|--------|-------|-------------|
| SWL | | Weight | | Tube | |
| 350 | (771) | 0.75 | (1.65) | 48-51 | (1 7/8"-2") |



Old Codes - New Codes

| OLD CODE | NEW CODE | PRODUCT DESCRIPTION | PAGE | OLD CODE | NEW CODE | PRODUCT DESCRIPTION | PAGE |
|------------|------------------|--|------|-----------|---------------------------|--|------|
| JT B1200A | 4ST30-G2-60° | Corner gate 60° | 65 | JT B2900 | 4ST76R-G2-60° | Corner gate 60° | 70 |
| JT B1201 | 4ST30-G2-90° | Corner gate 90° | 65 | JT B2901 | 4ST76R-G2-90° | Corner gate 90° | 70 |
| JT B1201 | 4ST30-G2-60°MK2 | Corner gate 90° | 65 | JT B2903 | 4ST76R-G2-135° | Corner gate 135° | 70 |
| JT B1203 | 4ST30-G2-135° | Corner gate 135° | 65 | JT B2904 | 4ST76R-G2-120° | Corner gate 120° | 70 |
| JT B1203 | 4ST30-G2-135°MK2 | Corner gate 135° | 65 | JT B2905 | 4ST76R-G2-120°LP | Corner gate 120° with lifting point | 70 |
| JT B1204A | 4ST30-G2-120° | Corner gate 120° | 65 | JT B2910 | 4ST76R-L1000 | Straight truss - 1m length | 70 |
| JT B1204A | 4ST30-G2-120°MK2 | Corner gate 120° | 65 | JT B2910C | 4ST76R-L1000W | Straight truss - 1m length | 70 |
| JT B1204B | 4ST30-G2-120°LP | Corner gate 120° with lifting point | 65 | JT B2915 | 4ST76R-L1500 | Straight truss - 1.5m length | 70 |
| JT B1205 | 4ST30-L500 | Straight truss - 0.5m length | 64 | JT B2915C | 4ST76R-L1500W | Straight truss - 1.5m length | 70 |
| JT B1206 | 4ST30-PS-180° | Pivot section 180° | 66 | JT B2920 | 4ST76R-L2000 | Straight truss - 2m length | 70 |
| JT B1206W | 4ST30-C6 | 6 way corner | 65 | JT B2920C | 4ST76R-L2000W | Straight truss - 2m length | 70 |
| JT B1208 | 4ST30-GSP | Gate support plate | 66 | JT B2925 | 4ST76R-L2500 | Straight truss - 2.5m length | 70 |
| JT B1210 | 4ST30-L1000 | Straight truss - 1m length | 64 | JT B2925C | 4ST76R-L2500W | Straight truss - 2.5m length | 70 |
| JT B1211 | AD-4ST30-4GP30 | Adapter | 66 | JT B2930 | 4ST76R-L3000 | Straight truss - 3m length | 70 |
| JT B1215 | 4ST30-L1500 | Straight truss - 1.5m length | 64 | JT B2930C | 4ST76R-L3000W | Straight truss - 3m length | 70 |
| JT B1220 | 4ST30-L2000 | Straight truss - 2m length | 64 | JT B3500 | TT3-01-BASE | Base | 76 |
| JT B1225 | 4ST30-L2500 | Straight truss - 2.5m length | 64 | JT B3501 | TT3-07-HINGE | Hinge section l=2m | 76 |
| JT B1230 | 4ST30-L3000 | Straight truss - 3m length | 64 | JT B3502 | TT3-02-HEAD | Roller beam (1t hoist) | 76 |
| JT B1240 | 4ST30-L4000 | Straight truss - 4m length | 64 | JT B3505 | 4GP30T-L500 | 0.5m tower section | 76 |
| JT B1300 | 4ST52-G2-60° | Corner gate 60° | 69 | JT B3510 | 4GP30T-L1000 | 1m tower section | 76 |
| JT B1301 | 4ST52-G2-90° | Corner gate 90° | 69 | JT B3515 | 4GP30T-L1500 | 1.5m tower section | 76 |
| JT B1303 | 4ST52-G2-135° | Corner gate 135° | 69 | JT B3520 | 4GP30T-L2000 | 2m tower section | 76 |
| JT B1304 | 4ST52-G2-120° | Corner gate 120° | 69 | JT B3525 | 4GP30T-L2500 | 2.5m tower section | 76 |
| JT B1305 | 4ST52-G2-120°LP | Corner gate 120° with lifting point | 69 | JT B3530 | 4GP30T-L3000 | 3m tower section | 76 |
| JT B1305A | 4ST52-L500 | Straight truss - 0.5m length | 68 | JT B3540 | 4GP30T-L4000 | 4m tower section | 76 |
| JT B1305Z1 | 4ST52-G3-LPZ1 | Corner gate 120° with lifting point | 69 | JT B4003 | TT3-05-LEG-LONG | Foot outrigger l=2m | 76 |
| JT B1308 | 4ST52-GSP | Gate support plate | 69 | JT B4003 | TT3-05-LEG-LONG | Foot outrigger l=2m | 77 |
| JT B1309A | TT4-03-SLEEVE | Tower sleeve plate | 77 | JT B4106 | TT3-03-SLEEVE | 4way sleeve block for 4gp30 truss | 76 |
| JT B1310 | 4ST52-L1000 | Straight truss - 1m length | 68 | JT B4120A | TT4-11-LOWER SAFETY BLOCK | Sleeve block tower mount safety system | 77 |
| JT B1311 | AD-4ST52-4GP52 | Adapter | 69 | JT B4120B | TT4-12-UPPER SAFETY BLOCK | Sleeve block mount safety system | 77 |
| JT B1312 | 4GP52-CS | Ceiling support | 61 | JT B4400 | 4GP52-L4000 | Straight truss - 4m length | 60 |
| JT B1312 | 4ST52-CS | Ceiling support | 69 | JT B4401 | 4GP52-L3000 | Straight truss - 3m length | 60 |
| JT B1315 | 4ST52-L1500 | Straight truss - 1.5m length | 68 | JT B4402 | 4GP52-L2500 | Straight truss - 2.5m length | 60 |
| JT B1320 | 4ST52-L2000 | Straight truss - 2m length | 68 | JT B4403 | 4GP52-L2000 | Straight truss - 2m length | 60 |
| JT B1325 | 4ST52-L2500 | Straight truss - 2.5m length | 68 | JT B4404 | 4GP52-L1500 | Straight truss - 1.5m length | 60 |
| JT B1330 | 4ST52-L3000 | Straight truss - 3m length | 68 | JT B4405 | 4GP52-L1000 | Straight truss - 1m length | 60 |
| JT B2802 | 4SMT107R-G2-60° | Corner gate 60° | 71 | JT B4406 | 4GP52-C2 | 2 way Corner | 61 |
| JT B2803 | 4SMT107R-G3-90° | Corner gate 90° | 71 | JT B4407 | 4GP52-C4 | 4 way Corner | 61 |
| JT B2803A | 4SMT107R-G3LP | 3 way gate with lifting point | 71 | JT B4407A | 4GP52-C5 | 5 way Corner | 61 |
| JT B2808 | 4SMT107R-GSP | Corner square support plate | 71 | JT B4408 | 4GP52-C6 | 6 way Corner | 61 |
| JT B2810 | 4SMT107R-L1000 | Straight truss - 1m length with wheels | 71 | JT B4410 | 4GP52-PS-180° | Pivot section 180° | 61 |
| JT B2812 | 4SMT107R-CS | Ceiling support | 71 | JT B4411 | 4GP52-BC | Book Corner | 61 |
| JT B2815 | 4SMT107R-L1500 | Straight truss - 1.5m length with wheels | 71 | JT B4415 | 4GP52-C3 | 3 way Corner | 61 |
| JT B2820 | 4SMT107R-L2000 | Straight truss - 2m length with wheels | 71 | JT B4420 | 4GP52-L4000W | Straight truss with wheels - 4m length | 60 |
| JT B2825 | 4SMT107R-L2500 | Straight truss - 2.5m length wheels | 71 | JT B4421 | 4GP52-L3000W | Straight truss with wheels - 3m length | 60 |
| JT B2830 | 4SMT107R-L3000 | Straight truss - 3m length wheels | 71 | JT B4422 | 4GP52-L2500W | Straight truss with wheels - 2.5m length | 60 |

| OLD CODE | NEW CODE | PRODUCT DESCRIPTION | PAGE |
|-----------|---------------|--|------|
| JT B4423 | 4GP52-L2000W | Straight truss with wheels - 2m length | 60 |
| JT B4424 | 4GP52-L1500W | Straight truss with wheels - 1.5m length | 60 |
| JT B4425 | 4GP52-L1000W | Straight truss with wheels - 1m length | 60 |
| JT B4450 | 4GP52-L500 | Straight truss - 0.5m length | 60 |
| JT B4700 | 4GP30-L3000 | Straight truss - 3m length | 58 |
| JT B4701 | 4GP30-L2500 | Straight truss - 2.5m length | 58 |
| JT B4702 | 4GP30-L2000 | Straight truss - 2m length | 58 |
| JT B4703 | 4GP30-L1500 | Straight truss - 1.5m length | 58 |
| JT B4704 | 4GP30-L1000 | Straight truss - 1m length | 58 |
| JT B4705 | 4GP30-C2 | 2 way Corner | 59 |
| JT B4706 | 4GP30-C4 | 4 way Corner | 59 |
| JT B4707 | 4GP30-C6 | 6 way Corner | 59 |
| JT B4708 | 4GP30-BC | Book Corner | 59 |
| JT B4709 | 4GP30-L4000 | Straight truss - 4m length | 58 |
| JT B4710 | 4GP30-C3 | 3 way Corner | 59 |
| JT B4711 | 4GP30-C5 | 5 way Corner | 59 |
| JT B4712 | 4GP30-CS | Ceiling support | 59 |
| JT B4712 | 4ST30-CS | Ceiling support | 66 |
| JT B4750 | 4GP30-L500 | Straight truss - 0.5m length | 58 |
| JT B5300A | TT4-01-BASE | Base with vertical connecting forks | 77 |
| JT B5301 | TT4-07-HINGE | Hinge section l=2m | 77 |
| JT B5302 | TT4-02-HEAD | Roller beam with vertical connecting forks | 77 |
| JT B5310 | 4ST30T-L1000 | 1m tower section | 77 |
| JT B5315 | 4ST30T-L1500 | 1.5m tower section | 77 |
| JT B5320 | 4ST30T-L2000 | 2m tower section | 77 |
| JT B5325 | 4ST30T-L2500 | 2.5m tower section | 77 |
| JT B5330 | 4ST30T-L3000 | 3m tower section | 77 |
| JT B4406 | 4GP52-C2 | 2 way Corner | 61 |
| JT B4407 | 4GP52-C4 | 4 way Corner | 61 |
| JT B4407A | 4GP52-C5 | 5 way Corner | 61 |
| JT B4408 | 4GP52-C6 | 6 way Corner | 61 |
| JT B4410 | 4GP52-PS-180° | Pivot section 180° | 61 |
| JT B4411 | 4GP52-BC | Book Corner | 61 |
| JT B4415 | 4GP52-C3 | 3 way Corner | 61 |
| JT B4420 | 4GP52-L4000W | Straight truss with wheels - 4m length | 60 |
| JT B4421 | 4GP52-L3000W | Straight truss with wheels - 3m length | 60 |
| JT B4422 | 4GP52-L2500W | Straight truss with wheels - 2.5m length | 60 |
| JT B4420 | 4GP52-L4000W | Straight truss with wheels - 4m length | 60 |
| JT B4421 | 4GP52-L3000W | Straight truss with wheels - 3m length | 60 |
| JT B4422 | 4GP52-L2500W | Straight truss with wheels - 2.5m length | 60 |
| JT B4423 | 4GP52-L2000W | Straight truss with wheels - 2m length | 60 |
| JT B4424 | 4GP52-L1500W | Straight truss with wheels - 1.5m length | 60 |
| JT B4425 | 4GP52-L1000W | Straight truss with wheels - 1m length | 60 |
| JT B4450 | 4GP52-L500 | Straight truss - 0.5m length | 60 |
| JT B4700 | 4GP30-L3000 | Straight truss - 3m length | 58 |
| JT B4701 | 4GP30-L2500 | Straight truss - 2.5m length | 58 |

| OLD CODE | NEW CODE | PRODUCT DESCRIPTION | PAGE |
|--------------|----------------|---|------|
| JT B4702 | 4GP30-L2000 | Straight truss - 2m length | 58 |
| JT B4703 | 4GP30-L1500 | Straight truss - 1.5m length | 58 |
| JT B4704 | 4GP30-L1000 | Straight truss - 1m length | 58 |
| JT B4705 | 4GP30-C2 | 2 way Corner | 59 |
| JT B4706 | 4GP30-C4 | 4 way Corner | 59 |
| JT B4707 | 4GP30-C6 | 6 way Corner | 59 |
| JT B4708 | 4GP30-BC | Book Corner | 59 |
| JT B4709 | 4GP30-L4000 | Straight truss - 4m length | 58 |
| JT B4710 | 4GP30-C3 | 3 way Corner | 59 |
| JT B4711 | 4GP30-C5 | 5 way Corner | 59 |
| JT B4712 | 4GP30-CS | Ceiling support | 59 |
| JT B4712 | 4ST30-CS | Ceiling support | 66 |
| JT B4750 | 4GP30-L500 | Straight truss - 0.5m length | 58 |
| JT B5300A | TT4-01-BASE | Base with vertical connecting forks | 77 |
| JT B5301 | TT4-07-HINGE | Hinge section l=2m | 77 |
| JT B5302 | TT4-02-HEAD | Roller beam with vertical connecting forks | 77 |
| JT B5310 | 4ST30T-L1000 | 1m tower section | 77 |
| JT B5315 | 4ST30T-L1500 | 1.5m tower section | 77 |
| JT B5320 | 4ST30T-L2000 | 2m tower section | 77 |
| JT B5325 | 4ST30T-L2500 | 2.5m tower section | 77 |
| JT B5330 | 4ST30T-L3000 | 3m tower section | 77 |
| JT LP1500 | 4LP60-L1500 | Pre-rig truss - 1.5m length - set of dolly & truss - natural finish aluminium | 72 |
| JT LP1500-K | 4LP60-L1500BL | Pre-rig truss - 1.5m length - set of dolly & truss - truss black painted | 72 |
| JT LP1800 | 4LP60-L1800 | Pre-rig truss - 1.8m length - set of dolly & truss - natural finish aluminium | 72 |
| JT LP1800-K | 4LP60-L1800BL | Pre-rig truss - 1.8m length - set of dolly & truss - truss black painted | 72 |
| JT LP2000 | 4LP60-L2000 | Pre-rig truss - 2.0m length - set of dolly & truss - natural finish aluminium | 72 |
| JT LP2000-K | 4LP60-L2000BL | Pre-rig truss - 2.0m length - set of dolly & truss - truss black painted | 72 |
| JT LP2400 | 4LP60-L2400 | Pre-rig truss - 2.4m length - set of dolly & truss - natural finish aluminium | 72 |
| JT LP2400-K | 4LP60-L2400BL | Pre-rig truss - 2.4m length - set of dolly & truss - truss black painted | 72 |
| JT LP3000 | 4LP60-L3000 | Pre-rig truss - 3.0m length - set of dolly & truss - natural finish aluminium | 72 |
| JT LP3000-K | 4LP60-L3000BL | Pre-rig truss - 3.0m length - set of dolly & truss - truss black painted | 72 |
| JT LPD1500 | 4LP60D-L1500 | Pre-rig dolly - 1.5m length - natural finish aluminium | 72 |
| JT LPD1800 | 4LP60D-L1800 | Pre-rig dolly - 1.8m length - natural finish aluminium | 72 |
| JT LPD2000 | 4LP60D-L2000 | Pre-rig dolly - 2.0m length - natural finish aluminium | 72 |
| JT LPD2400 | 4LP60D-L2400 | Pre-rig dolly - 2.4m length - natural finish aluminium | 72 |
| JT LPD3000 | 4LP60D-L3000 | Pre-rig dolly - 3.0m length - natural finish aluminium | 72 |
| JT LPT1500 | 4LP60T-L1500 | Pre-rig truss - 1.5m length - natural finish aluminium | 72 |
| JT LPT1500-K | 4LP60T-L1500BL | Pre-rig truss - 1.5m length - truss black painted | 72 |
| JT LPT1800 | 4LP60T-L1800 | Pre-rig truss - 1.8m length - natural finish aluminium | 72 |
| JT LPT1800-K | 4LP60T-L1800BL | Pre-rig truss - 1.8m length - truss black painted | 72 |
| JT LPT2000 | 4LP60T-L2000 | Pre-rig truss - 2.0m length - natural finish aluminium | 72 |
| JT LPT2000-K | 4LP60T-L2000BL | Pre-rig truss - 2.0m length - truss black painted | 72 |
| JT LPT2400 | 4LP60T-L2400 | Pre-rig truss - 2.4m length - natural finish aluminium | 72 |
| JT LPT2400-K | 4LP60T-L2400BL | Pre-rig truss - 2.4m length - truss black painted | 72 |
| JT LPT3000 | 4LP60T-L3000 | Pre-rig truss - 3.0m length - natural finish aluminium | 72 |
| JT LPT3000-K | 4LP60T-L3000BL | Pre-rig truss - 3.0m length - truss black painted | 72 |

New Codes - Old Codes

| NEW CODE | OLD CODE | PRODUCT DESCRIPTION | PAGE | NEW CODE | OLD CODE | PRODUCT DESCRIPTION | PAGE |
|----------------------|-----------|--|------|-------------------------|------------|-------------------------------------|------|
| 4GP30-L500 | JT B4750 | Straight truss - 0.5m length | 58 | 4ST30-L2500 | JT B1225 | Straight truss - 2.5m length | 64 |
| 4GP30-L1000 | JT B4704 | Straight truss - 1m length | 58 | 4ST30-L3000 | JT B1230 | Straight truss - 3m length | 64 |
| 4GP30-L1500 | JT B4703 | Straight truss - 1.5m length | 58 | 4ST30-L4000 | JT B1240 | Straight truss - 4m length | 64 |
| 4GP30-L2000 | JT B4702 | Straight truss - 2m length | 58 | 4ST30-G2-60° | JT B1200A | Corner gate 60° | 65 |
| 4GP30-L2500 | JT B4701 | Straight truss - 2.5m length | 58 | 4ST30-G2-90° | JT B1201 | Corner gate 90° | 65 |
| 4GP30-L3000 | JT B4700 | Straight truss - 3m length | 58 | 4ST30-G2-60°MK2 | JT B1201 | Corner gate 90° | 65 |
| 4GP30-L4000 | JT B4709 | Straight truss - 4m length | 58 | 4ST30-G2-120° | JT B1204A | Corner gate 120° | 65 |
| 4GP30-C1 | - | 1way Corner | 59 | 4ST30-G2-120°MK2 | JT B1204A | Corner gate 120° | 65 |
| 4GP30-C2 | JT B4705 | 2 way Corner | 59 | 4ST30-G2-135° | JT B1203 | Corner gate 135° | 65 |
| 4GP30-C3 | JT B4710 | 3 way Corner | 59 | 4ST30-G2-135°MK2 | JT B1203 | Corner gate 135° | 65 |
| 4GP30-C4 | JT B4706 | 4 way Corner | 59 | 4ST30-G2-120°LP | JT B1204B | Corner gate 120° with lifting point | 65 |
| 4GP30-C5 | JT B4711 | 5 way Corner | 59 | 4ST30-C6 | JT B1206W | 6 way corner | 65 |
| 4GP30-C6 | JT B4707 | 6 way Corner | 59 | 4ST30-GSP | JT B1208 | Gate support plate | 66 |
| 4GP30-BC | JT B4708 | Book Corner | 59 | 4ST30-PS-180° | JT B1206 | Pivot section 180° | 66 |
| 4GP30-CS | JT B4712 | Ceiling support | 59 | AD-4ST30-4GP30 | JT B1211 | Adapter | 66 |
| 4GP52-L500 | JT B4450 | Straight truss - 0.5m length | 60 | 4ST30-CS | JT B4712 | Ceiling support | 66 |
| 4GP52-L1000 | JT B4405 | Straight truss - 1m length | 60 | 4ST52-L500 | JT B1305A | Straight truss - 0.5m length | 68 |
| 4GP52-L1500 | JT B4404 | Straight truss - 1.5m length | 60 | 4ST52-L1000 | JT B1310 | Straight truss - 1m length | 68 |
| 4GP52-L2000 | JT B4403 | Straight truss - 2m length | 60 | 4ST52-L1500 | JT B1315 | Straight truss - 1.5m length | 68 |
| 4GP52-L2500 | JT B4402 | Straight truss - 2.5m length | 60 | 4ST52-L2000 | JT B1320 | Straight truss - 2m length | 68 |
| 4GP52-L3000 | JT B4401 | Straight truss - 3m length | 60 | 4ST52-L2500 | JT B1325 | Straight truss - 2.5m length | 68 |
| 4GP52-L4000 | JT B4400 | Straight truss - 4m length | 60 | 4ST52-L3000 | JT B1330 | Straight truss - 3m length | 68 |
| 4GP52-L1000W | JT B4425 | Straight truss with wheels - 1m length | 60 | 4ST52-G2-60° | JT B1300 | Corner gate 60° | 69 |
| 4GP52-L1500W | JT B4424 | Straight truss with wheels - 1.5m length | 60 | 4ST52-G2-90° | JT B1301 | Corner gate 90° | 69 |
| 4GP52-L2000W | JT B4423 | Straight truss with wheels - 2m length | 60 | 4ST52-G2-120° | JT B1304 | Corner gate 120° | 69 |
| 4GP52-L2500W | JT B4422 | Straight truss with wheels - 2.5m length | 60 | 4ST52-G2-135° | JT B1303 | Corner gate 135° | 69 |
| 4GP52-L3000W | JT B4421 | Straight truss with wheels - 3m length | 60 | 4ST52-G2-120°LP | JT B1305 | Corner gate 120° with lifting point | 69 |
| 4GP52-L4000W | JT B4420 | Straight truss with wheels - 4m length | 60 | 4ST52-G3-LPZ1 | JT B1305Z1 | Corner gate 120° with lifting point | 69 |
| 4GP52-C1 | - | 1 way Corner | 61 | 4ST52-CS | JT B1312 | Ceiling support | 69 |
| 4GP52-C2 | JT B4406 | 2 way Corner | 61 | AD-4ST52-4GP52 | JT B1311 | Adapter | 69 |
| 4GP52-C3 | JT B4415 | 3 way Corner | 61 | 4ST52-GSP | JT B1308 | Gate support plate | 69 |
| 4GP52-C4 | JT B4407 | 4 way Corner | 61 | 4ST52-L500 | JT B1305A | Straight truss - 0.5m length | 68 |
| 4GP52-C5 | JT B4407A | 5 way Corner | 61 | 4ST52-L1000 | JT B1310 | Straight truss - 1m length | 68 |
| 4GP52-C6 | JT B4408 | 6 way Corner | 61 | 4ST52-L1500 | JT B1315 | Straight truss - 1.5m length | 68 |
| 4GP52-PS-180° | JT B4410 | Pivot section 180° | 61 | 4ST52-L2000 | JT B1320 | Straight truss - 2m length | 68 |
| 4GP52-BC | JT B4411 | Book Corner | 61 | 4ST52-L2500 | JT B1325 | Straight truss - 2.5m length | 68 |
| 4GP52-CS | JT B1312 | Ceiling support | 61 | 4ST52-L3000 | JT B1330 | Straight truss - 3m length | 68 |
| 4ST30-L500 | JT B1205 | Straight truss - 0.5m length | 64 | 4ST52-G2-60° | JT B1300 | Corner gate 60° | 69 |
| 4ST30-L1000 | JT B1210 | Straight truss - 1m length | 64 | 4ST52-G2-90° | JT B1301 | Corner gate 90° | 69 |
| 4ST30-L1500 | JT B1215 | Straight truss - 1.5m length | 64 | 4ST52-G2-120° | JT B1304 | Corner gate 120° | 69 |
| 4ST30-L2000 | JT B1220 | Straight truss - 2m length | 64 | 4ST52-G2-135° | JT B1303 | Corner gate 135° | 69 |

| NEW CODE | OLD CODE | PRODUCT DESCRIPTION | PAGE |
|-------------------------|-------------|---|------|
| 4ST52-G2-120°LP | JT B1305 | Corner gate 120° with lifting point | 69 |
| 4ST52-G3-LPZ1 | JT B1305Z1 | Corner gate 120° with lifting point | 69 |
| 4ST52-CS | JT B1312 | Ceiling support | 69 |
| AD-4ST52-4GP52 | JT B1311 | Adapter | 69 |
| 4ST52-GSP | JT B1308 | Gate support plate | 69 |
| 4ST76R-L1000 | JT B2910 | Straight truss - 1m length | 70 |
| 4ST76R-L1500 | JT B2915 | Straight truss - 1.5m length | 70 |
| 4ST76R-L2000 | JT B2920 | Straight truss - 2m length | 70 |
| 4ST76R-L2500 | JT B2925 | Straight truss - 2.5m length | 70 |
| 4ST76R-L3000 | JT B2930 | Straight truss - 3m length | 70 |
| 4ST76R-L1000W | JT B2910C | Straight truss - 1m length | 70 |
| 4ST76R-L1500W | JT B2915C | Straight truss - 1.5m length | 70 |
| 4ST76R-L2000W | JT B2920C | Straight truss - 2m length | 70 |
| 4ST76R-L2500W | JT B2925C | Straight truss - 2.5m length | 70 |
| 4ST76R-L3000W | JT B2930C | Straight truss - 3m length | 70 |
| 4ST76R-G2-60° | JT B2900 | Corner gate 60° | 70 |
| 4ST76R-G2-90° | JT B2901 | Corner gate 90° | 70 |
| 4ST76R-G2-120° | JT B2904 | Corner gate 120° | 70 |
| 4ST76R-G2-135° | JT B2903 | Corner gate 135° | 70 |
| 4ST76R-G2-120°LP | JT B2905 | Corner gate 120° with lifting point | 70 |
| 4SMT107R-L1000 | JT B2810 | Straight truss - 1m length with wheels | 71 |
| 4SMT107R-L1500 | JT B2815 | Straight truss - 1.5m length with wheels | 71 |
| 4SMT107R-L2000 | JT B2820 | Straight truss - 2m length with wheels | 71 |
| 4SMT107R-L2500 | JT B2825 | Straight truss - 2.5m length wheels | 71 |
| 4SMT107R-L3000 | JT B2830 | Straight truss - 3m length wheels | 71 |
| 4SMT107R-G2-60° | JT B2802 | Corner gate 60° | 71 |
| 4SMT107R-G3-90° | JT B2803 | Corner gate 90° | 71 |
| 4SMT107R-GSP | JT B2808 | Corner square support plate | 71 |
| 4SMT107R-G3LP | JT B2803A | 3 way gate with lifting point | 71 |
| 4SMT107R-CS | JT B2812 | Ceiling support | 71 |
| 4LP60-L1500 | JT LP1500 | Pre-rig truss - 1.5m length - set of dolly & truss - natural finish aluminium | 72 |
| 4LP60-L1800 | JT LP1800 | Pre-rig truss - 1.8m length - set of dolly & truss - natural finish aluminium | 72 |
| 4LP60-L2000 | JT LP2000 | Pre-rig truss - 2.0m length - set of dolly & truss - natural finish aluminium | 72 |
| 4LP60-L2400 | JT LP2400 | Pre-rig truss - 2.4m length - set of dolly & truss - natural finish aluminium | 72 |
| 4LP60-L3000 | JT LP3000 | Pre-rig truss - 3.0m length - set of dolly & truss - natural finish aluminium | 72 |
| 4LP60-L1500BL | JT LP1500-K | Pre-rig truss - 1.5m length - set of dolly & truss - truss black painted | 72 |
| 4LP60-L1800BL | JT LP1800-K | Pre-rig truss - 1.8m length - set of dolly & truss - truss black painted | 72 |
| 4LP60-L2000BL | JT LP2000-K | Pre-rig truss - 2.0m length - set of dolly & truss - truss black painted | 72 |
| 4LP60-L2400BL | JT LP2400-K | Pre-rig truss - 2.4m length - set of dolly & truss - truss black painted | 72 |
| 4LP60-L3000BL | JT LP3000-K | Pre-rig truss - 3.0m length - set of dolly & truss - truss black painted | 72 |
| 4LP60T-L1500 | JT LPT1500 | Pre-rig truss - 1.5m length - natural finish aluminium | 72 |

| NEW CODE | OLD CODE | PRODUCT DESCRIPTION | PAGE |
|----------------------------------|--------------|--|------|
| 4LP60T-L1800 | JT LPT1800 | Pre-rig truss - 1.8m length - natural finish aluminium | 72 |
| 4LP60T-L2000 | JT LPT2000 | Pre-rig truss - 2.0m length - natural finish aluminium | 72 |
| 4LP60T-L2400 | JT LPT2400 | Pre-rig truss - 2.4m length - natural finish aluminium | 72 |
| 4LP60T-L3000 | JT LPT3000 | Pre-rig truss - 3.0m length - natural finish aluminium | 72 |
| 4LP60T-L1500BL | JT LPT1500-K | Pre-rig truss - 1.5m length - truss black painted | 72 |
| 4LP60T-L1800BL | JT LPT1800-K | Pre-rig truss - 1.8m length - truss black painted | 72 |
| 4LP60T-L2000BL | JT LPT2000-K | Pre-rig truss - 2.0m length - truss black painted | 72 |
| 4LP60T-L2400BL | JT LPT2400-K | Pre-rig truss - 2.4m length - truss black painted | 72 |
| 4LP60T-L3000BL | JT LPT3000-K | Pre-rig truss - 3.0m length - truss black painted | 72 |
| 4LP60D-L1500 | JT LPD1500 | Pre-rig dolly - 1.5m length - natural finish aluminium | 72 |
| 4LP60D-L1800 | JT LPD1800 | Pre-rig dolly - 1.8m length - natural finish aluminium | 72 |
| 4LP60D-L2000 | JT LPD2000 | Pre-rig dolly - 2.0m length - natural finish aluminium | 72 |
| 4LP60D-L2400 | JT LPD2400 | Pre-rig dolly - 2.4m length - natural finish aluminium | 72 |
| 4LP60D-L3000 | JT LPD3000 | Pre-rig dolly - 3.0m length - natural finish aluminium | 72 |
| TT3-01-BASE | JT B3500 | Base | 76 |
| TT3-02-HEAD | JT B3502 | Roller beam (1t hoist) | 76 |
| TT3-03-SLEEVE | JT B4106 | 4way sleeve block for 4gp30 truss | 76 |
| TT3-05-LEG-LONG | JT B4003 | Foot outrigger l=2m | 76 |
| TT3-07-HINGE | JT B3501 | Hinge section l=2m | 76 |
| 4GP30T-L500 | JT B3505 | 0.5m tower section | 76 |
| 4GP30T-L1000 | JT B3510 | 1m tower section | 76 |
| 4GP30T-L1500 | JT B3515 | 1.5m tower section | 76 |
| 4GP30T-L2000 | JT B3520 | 2m tower section | 76 |
| 4GP30T-L2500 | JT B3525 | 2.5m tower section | 76 |
| 4GP30T-L3000 | JT B3530 | 3m tower section | 76 |
| 4GP30T-L4000 | JT B3540 | 4m tower section | 76 |
| TT4-01-BASE | JT B5300A | Base with vertical connecting forks | 77 |
| TT4-02-HEAD | JT B5302 | Roller beam with vertical connecting forks | 77 |
| TT4-03-SLEEVE | JTB1309A | Tower sleeve plate | 77 |
| TT3-05-LEG-LONG | JT B4003 | Foot outrigger l=2m | 77 |
| TT4-07-HINGE | JT B5301 | Hinge section l=2m | 77 |
| TT4-11-LOWER SAFETY BLOCK | JT B4120A | Sleeve block tower mount safety system | 77 |
| TT4-12-UPPER SAFETY BLOCK | JT B4120B | Sleeve block mount safety system | 77 |
| 4ST30T-L500 | - | 0.5m tower section | 77 |
| 4ST30T-L1000 | JT B5310 | 1m tower section | 77 |
| 4ST30T-L1500 | JT B5315 | 1.5m tower section | 77 |
| 4ST30T-L2000 | JT B5320 | 2m tower section | 77 |
| 4ST30T-L2500 | JT B5325 | 2.5m tower section | 77 |
| 4ST30T-L3000 | JT B5330 | 3m tower section | 77 |



**James Thomas
Engineering**

James Thomas Engineering
Europe, Middle East, Africa

Via Martin Luther King 70
31032 Casale Sul Sile (TV)
Italy

T +39 0422 997300
info@jthomaseng.eu



www.jthomaseng.eu