



A - cross-section stretch top
 As - stretch top
 M - weight
 r - in-bend radius
 ex - throw at the profile side to the axle Y
 ey - throw at the profile side to the axle X
 I - inertia momentum
 W - strength momentum
 i - cross-section inertia radius

Profile C

Max length up to 12360 mm

Material: hot dip galvanised steel

Steel quality S350GD+Z275

| Profile | t | h | a, a1 | b, b1 | r | A | As | M | ex | ix | X - X Wx | ix | ly | Y - Y Wy | iy |
|---------|------|--------|-------|-------|------|-----------------|-------------------|------|-------|-----------------|-----------------|------|-----------------|-----------------|------|
| | mm | mm | mm | mm | mm | cm ² | m ² /m | kg/m | mm | cm ⁴ | cm ³ | cm | cm ⁴ | cm ³ | cm |
| C 7008 | 0.80 | 70.00 | 15.00 | 40.00 | 0.80 | 1.40 | 0.35 | 1.10 | 15.51 | 11.30 | 3.23 | 2.84 | 3.48 | 1.42 | 1.58 |
| C 7010 | 1.00 | 70.00 | 15.00 | 40.00 | 1.00 | 1.73 | 0.35 | 1.36 | 15.50 | 13.92 | 3.98 | 2.83 | 4.27 | 1.74 | 1.57 |
| C 7012 | 1.20 | 70.00 | 15.00 | 40.00 | 1.20 | 2.07 | 0.35 | 1.62 | 15.49 | 16.45 | 4.70 | 2.82 | 5.02 | 2.05 | 1.56 |
| C 7015 | 1.50 | 70.00 | 15.00 | 40.00 | 1.50 | 2.55 | 0.34 | 2.00 | 15.47 | 20.10 | 5.74 | 2.81 | 6.08 | 2.48 | 1.54 |
| C 7020 | 2.00 | 70.00 | 15.00 | 40.00 | 2.00 | 3.34 | 0.34 | 2.62 | 15.44 | 25.78 | 7.37 | 2.78 | 7.69 | 3.13 | 1.52 |
| C 7025 | 2.50 | 70.00 | 22.00 | 40.00 | 2.50 | 4.44 | 0.36 | 3.48 | 17.25 | 31.95 | 9.13 | 2.68 | 10.87 | 4.78 | 1.57 |
| C 7708 | 0.80 | 77.00 | 15.00 | 40.00 | 0.80 | 1.45 | 0.37 | 1.14 | 14.93 | 14.07 | 3.65 | 3.11 | 3.61 | 1.44 | 1.57 |
| C 7710 | 1.00 | 77.00 | 15.00 | 40.00 | 1.00 | 1.80 | 0.36 | 1.42 | 14.92 | 17.34 | 4.50 | 3.10 | 4.42 | 1.76 | 1.56 |
| C 7712 | 1.20 | 77.00 | 15.00 | 40.00 | 1.20 | 2.15 | 0.36 | 1.69 | 14.91 | 20.51 | 5.33 | 3.09 | 5.20 | 2.07 | 1.55 |
| C 7715 | 1.50 | 77.00 | 15.00 | 40.00 | 1.50 | 2.66 | 0.36 | 2.09 | 14.89 | 25.09 | 6.52 | 3.07 | 9.30 | 3.70 | 1.87 |
| C 7720 | 2.00 | 77.00 | 15.00 | 40.00 | 2.00 | 3.48 | 0.35 | 2.73 | 14.86 | 32.25 | 8.38 | 3.05 | 7.97 | 3.17 | 1.51 |
| C 7725 | 2.50 | 77.00 | 22.00 | 40.00 | 2.50 | 4.61 | 0.37 | 3.62 | 16.65 | 40.24 | 10.45 | 2.95 | 11.31 | 4.84 | 1.57 |
| C 10008 | 0.80 | 100.00 | 15.00 | 40.00 | 0.80 | 1.64 | 0.41 | 1.29 | 13.30 | 25.75 | 5.15 | 3.97 | 3.95 | 1.48 | 1.55 |
| C 10010 | 1.00 | 100.00 | 15.00 | 40.00 | 1.00 | 2.03 | 0.41 | 1.60 | 13.29 | 31.79 | 6.36 | 3.95 | 4.84 | 1.81 | 1.54 |
| C 10012 | 1.20 | 100.00 | 15.00 | 40.00 | 1.20 | 2.43 | 0.41 | 1.90 | 13.28 | 37.67 | 7.53 | 3.94 | 5.70 | 2.13 | 1.53 |
| C 10015 | 1.50 | 100.00 | 15.00 | 40.00 | 3.00 | 3.00 | 0.40 | 2.36 | 13.27 | 46.21 | 9.24 | 3.92 | 6.91 | 2.59 | 1.52 |
| C 10020 | 2.00 | 100.00 | 15.00 | 40.00 | 2.00 | 3.94 | 0.40 | 3.09 | 13.24 | 59.66 | 11.93 | 3.89 | 8.76 | 3.27 | 1.49 |
| C 10025 | 2.50 | 100.00 | 22.00 | 40.00 | 2.50 | 5.19 | 0.42 | 4.07 | 14.94 | 75.66 | 15.13 | 3.82 | 12.52 | 5.00 | 1.55 |
| C 10030 | 3.00 | 100.00 | 28.00 | 40.00 | 3.00 | 6.49 | 0.44 | 5.09 | 16.24 | 90.21 | 18.04 | 3.73 | 16.22 | 6.83 | 1.58 |
| C 12008 | 0.80 | 120.00 | 15.00 | 40.00 | 0.80 | 1.80 | 0.45 | 1.41 | 12.15 | 39.41 | 6.57 | 4.68 | 4.19 | 1.51 | 1.53 |
| C 12010 | 1.00 | 120.00 | 15.00 | 40.00 | 1.00 | 2.23 | 0.45 | 1.75 | 12.14 | 48.71 | 8.12 | 4.67 | 5.14 | 1.84 | 1.52 |
| C 12012 | 1.20 | 120.00 | 15.00 | 40.00 | 1.20 | 2.67 | 0.45 | 2.09 | 12.14 | 57.79 | 9.63 | 4.66 | 6.05 | 2.17 | 1.51 |
| C 12015 | 1.50 | 120.00 | 15.00 | 40.00 | 1.50 | 3.30 | 0.44 | 2.59 | 12.13 | 70.99 | 11.83 | 4.64 | 7.34 | 2.63 | 1.49 |
| C 12020 | 2.00 | 120.00 | 15.00 | 40.00 | 2.00 | 4.34 | 0.44 | 3.40 | 12.11 | 91.92 | 15.32 | 4.60 | 9.30 | 3.34 | 1.46 |
| C 12025 | 2.50 | 120.00 | 22.00 | 40.00 | 2.50 | 5.69 | 0.46 | 4.47 | 13.74 | 117.56 | 19.59 | 4.55 | 13.38 | 5.09 | 1.53 |
| C 12030 | 3.00 | 120.00 | 28.00 | 40.00 | 3.00 | 7.09 | 0.48 | 5.56 | 14.99 | 141.49 | 23.58 | 4.47 | 17.42 | 6.97 | 1.57 |
| C 12508 | 0.80 | 125.00 | 15.00 | 40.00 | 0.80 | 1.84 | 0.46 | 1.44 | 11.90 | 43.38 | 6.94 | 4.86 | 4.25 | 1.51 | 1.52 |
| C 12510 | 1.00 | 125.00 | 15.00 | 40.00 | 1.00 | 2.28 | 0.46 | 1.79 | 11.89 | 53.62 | 8.58 | 4.85 | 5.21 | 1.85 | 1.51 |
| C 12512 | 1.20 | 125.00 | 15.00 | 40.00 | 1.20 | 2.73 | 0.46 | 2.14 | 11.88 | 63.63 | 10.18 | 4.83 | 6.13 | 2.18 | 1.50 |
| C 12515 | 1.50 | 125.00 | 15.00 | 40.00 | 1.50 | 3.38 | 0.45 | 2.65 | 11.88 | 78.20 | 12.51 | 4.81 | 7.43 | 2.55 | 1.48 |
| C 12520 | 2.00 | 125.00 | 15.00 | 40.00 | 2.00 | 4.44 | 0.45 | 3.48 | 11.86 | 101.31 | 16.21 | 4.78 | 9.42 | 3.35 | 1.46 |
| C 12525 | 2.50 | 125.00 | 22.00 | 40.00 | 2.50 | 5.81 | 0.47 | 4.56 | 13.47 | 129.78 | 20.76 | 4.72 | 13.57 | 5.11 | 1.53 |
| C 12530 | 3.00 | 125.00 | 28.00 | 40.00 | 3.00 | 7.24 | 0.49 | 5.68 | 14.71 | 156.48 | 25.04 | 4.65 | 17.69 | 7.00 | 1.56 |
| C 15008 | 0.80 | 150.00 | 15.00 | 40.00 | 0.80 | 2.04 | 0.51 | 1.60 | 10.77 | 66.75 | 8.90 | 5.72 | 4.49 | 1.53 | 1.48 |
| C 15010 | 1.00 | 150.00 | 15.00 | 40.00 | 1.00 | 2.53 | 0.51 | 1.99 | 10.77 | 82.59 | 11.01 | 5.71 | 5.50 | 1.88 | 1.47 |
| C 15012 | 1.20 | 150.00 | 15.00 | 40.00 | 1.20 | 3.03 | 0.51 | 2.37 | 10.77 | 98.10 | 13.08 | 5.69 | 6.47 | 2.21 | 1.46 |
| C 15015 | 1.50 | 150.00 | 15.00 | 40.00 | 1.50 | 3.75 | 0.50 | 2.95 | 10.77 | 120.74 | 16.10 | 5.67 | 7.85 | 2.69 | 1.45 |
| C 15020 | 2.00 | 150.00 | 15.00 | 40.00 | 2.00 | 4.94 | 0.50 | 3.88 | 10.76 | 156.82 | 20.91 | 5.64 | 9.96 | 3.40 | 1.42 |
| C 15025 | 2.50 | 150.00 | 22.00 | 40.00 | 2.50 | 6.44 | 0.52 | 5.05 | 12.28 | 202.07 | 26.94 | 5.60 | 14.42 | 5.20 | 1.50 |
| C 15030 | 3.00 | 150.00 | 28.00 | 40.00 | 3.00 | 7.99 | 0.54 | 6.27 | 13.47 | 269.70 | 33.37 | 9.33 | 33.37 | 12.58 | 2.04 |
| C 17508 | 0.80 | 175.00 | 15.00 | 40.00 | 0.80 | 2.24 | 0.56 | 1.76 | 9.84 | 96.49 | 11.03 | 6.57 | 4.68 | 1.55 | 1.45 |
| C 17510 | 1.00 | 175.00 | 15.00 | 40.00 | 1.00 | 2.78 | 0.56 | 2.19 | 9.84 | 119.47 | 13.65 | 6.55 | 5.74 | 1.90 | 1.44 |
| C 17512 | 1.20 | 175.00 | 15.00 | 40.00 | 1.20 | 3.33 | 0.56 | 2.61 | 9.85 | 142.02 | 16.23 | 6.54 | 6.75 | 2.24 | 1.43 |

| | | | | | | | | | | | | | | | |
|----------------|------|--------|-------|-------|------|-------|------|-------|-------|---------|--------|-------|-------|------|------|
| C 17515 | 1.50 | 175.00 | 15.00 | 40.00 | 1.50 | 4.13 | 0.55 | 3.24 | 9.86 | 175.00 | 20.00 | 6.51 | 8.19 | 2.72 | 1.41 |
| C 17520 | 2.00 | 175.00 | 15.00 | 40.00 | 2.00 | 5.44 | 0.55 | 4.27 | 9.87 | 227.77 | 26.03 | 6.47 | 10.39 | 3.45 | 1.38 |
| C 17525 | 2.50 | 175.00 | 22.00 | 40.00 | 2.50 | 7.06 | 0.57 | 5.55 | 11.31 | 294.47 | 33.65 | 6.46 | 15.11 | 5.27 | 1.46 |
| C 17530 | 3.00 | 175.00 | 28.00 | 40.00 | 3.00 | 8.74 | 0.59 | 6.86 | 12.44 | 359.22 | 41.05 | 6.41 | 19.87 | 7.21 | 1.51 |
| C 20008 | 0.80 | 200.00 | 15.00 | 40.00 | 0.80 | 2.44 | 0.61 | 1.91 | 9.07 | 133.22 | 13.32 | 7.39 | 4.85 | 1.57 | 1.41 |
| C 20010 | 1.00 | 200.00 | 15.00 | 40.00 | 1.00 | 3.03 | 0.61 | 2.38 | 9.07 | 165.06 | 16.51 | 7.38 | 5.94 | 1.92 | 1.40 |
| C 20012 | 1.20 | 200.00 | 15.00 | 40.00 | 1.20 | 3.63 | 0.61 | 2.85 | 9.08 | 196.34 | 19.63 | 7.36 | 6.99 | 2.26 | 1.39 |
| C 20015 | 1.50 | 200.00 | 15.00 | 40.00 | 1.50 | 4.50 | 0.60 | 3.53 | 9.10 | 242.17 | 24.22 | 7.33 | 8.48 | 2.74 | 1.37 |
| C 20020 | 2.00 | 200.00 | 15.00 | 40.00 | 2.00 | 5.94 | 0.60 | 4.66 | 9.12 | 315.70 | 31.57 | 7.29 | 10.75 | 3.48 | 1.35 |
| C 20025 | 2.50 | 200.00 | 22.00 | 40.00 | 2.50 | 7.69 | 0.62 | 6.04 | 10.49 | 408.96 | 40.90 | 7.29 | 15.70 | 5.32 | 1.43 |
| C 20030 | 3.00 | 200.00 | 28.00 | 40.00 | 3.00 | 9.49 | 0.64 | 7.45 | 11.58 | 500.38 | 50.04 | 7.26 | 20.70 | 7.28 | 1.48 |
| C 25008 | 0.80 | 250.00 | 15.00 | 40.00 | 0.80 | 2.84 | 0.71 | 2.23 | 7.84 | 230.16 | 18.41 | 9.01 | 5.10 | 1.59 | 1.34 |
| C 25010 | 1.00 | 250.00 | 15.00 | 40.00 | 1.00 | 3.53 | 0.71 | 2.77 | 7.86 | 285.46 | 22.84 | 8.99 | 6.25 | 1.95 | 1.33 |
| C 25012 | 1.20 | 250.00 | 15.00 | 40.00 | 1.20 | 4.23 | 0.71 | 3.32 | 7.88 | 339.90 | 27.19 | 8.97 | 7.36 | 2.29 | 1.32 |
| C 25015 | 1.50 | 250.00 | 15.00 | 40.00 | 1.50 | 5.25 | 0.70 | 4.12 | 7.90 | 419.88 | 33.59 | 8.94 | 8.93 | 2.78 | 1.30 |
| C 25020 | 2.00 | 250.00 | 15.00 | 40.00 | 2.00 | 6.94 | 0.70 | 5.45 | 7.95 | 548.79 | 43.90 | 8.89 | 11.32 | 3.53 | 1.28 |
| C 25025 | 2.50 | 250.00 | 22.00 | 40.00 | 2.50 | 8.94 | 0.72 | 7.02 | 9.20 | 711.97 | 56.96 | 8.92 | 16.62 | 5.40 | 1.36 |
| C 25030 | 3.00 | 250.00 | 28.00 | 40.00 | 3.00 | 10.99 | 0.74 | 8.63 | 10.20 | 873.99 | 69.92 | 8.92 | 22.03 | 7.39 | 1.42 |
| C 30008 | 0.80 | 300.00 | 15.00 | 40.00 | 0.80 | 3.24 | 0.81 | 2.54 | 6.92 | 362.58 | 24.17 | 10.58 | 5.30 | 1.60 | 1.28 |
| C 30010 | 1.00 | 300.00 | 15.00 | 40.00 | 1.00 | 4.03 | 0.81 | 3.17 | 6.95 | 450.04 | 30.00 | 10.56 | 6.49 | 1.96 | 1.27 |
| C 30012 | 1.20 | 300.00 | 15.00 | 40.00 | 1.20 | 4.83 | 0.81 | 3.79 | 6.97 | 536.27 | 35.75 | 10.54 | 7.64 | 2.31 | 1.26 |
| C 30015 | 1.50 | 300.00 | 15.00 | 40.00 | 1.50 | 6.00 | 0.80 | 4.71 | 7.01 | 663.24 | 44.22 | 10.51 | 9.27 | 2.81 | 1.24 |
| C 30020 | 2.00 | 300.00 | 15.00 | 40.00 | 2.00 | 7.94 | 0.80 | 6.23 | 7.07 | 868.59 | 57.91 | 10.46 | 11.74 | 3.57 | 1.22 |
| C 30025 | 2.50 | 300.00 | 22.00 | 40.00 | 2.50 | 10.19 | 0.82 | 8.00 | 8.22 | 1126.71 | 75.11 | 10.52 | 17.32 | 5.45 | 1.30 |
| C 30030 | 3.00 | 300.00 | 28.00 | 40.00 | 3.00 | 12.49 | 0.84 | 9.80 | 9.16 | 1384.96 | 92.33 | 10.53 | 23.04 | 7.47 | 1.36 |
| C 35008 | 0.80 | 350.00 | 15.00 | 40.00 | 0.80 | 3.64 | 0.91 | 2.86 | 6.21 | 535.48 | 30.60 | 12.13 | 5.45 | 1.61 | 1.22 |
| C 35010 | 1.00 | 350.00 | 15.00 | 40.00 | 1.00 | 4.53 | 0.91 | 3.56 | 6.24 | 665.04 | 38.00 | 12.11 | 6.68 | 1.98 | 1.21 |
| C 35012 | 1.20 | 350.00 | 15.00 | 40.00 | 1.20 | 5.43 | 0.91 | 4.26 | 6.27 | 792.96 | 45.31 | 12.09 | 7.86 | 2.33 | 1.20 |
| C 35015 | 1.50 | 350.00 | 15.00 | 40.00 | 1.50 | 6.75 | 0.90 | 5.30 | 6.32 | 981.62 | 56.09 | 12.06 | 9.53 | 2.83 | 1.19 |
| C 35020 | 2.00 | 350.00 | 15.00 | 40.00 | 2.00 | 8.94 | 0.90 | 7.02 | 6.39 | 1287.60 | 73.58 | 12.00 | 12.07 | 3.59 | 1.16 |
| C 35025 | 2.50 | 350.00 | 22.00 | 40.00 | 2.50 | 11.44 | 0.92 | 8.98 | 7.46 | 1668.82 | 95.36 | 12.08 | 17.87 | 5.49 | 1.25 |
| C 35030 | 3.00 | 350.00 | 28.00 | 40.00 | 3.00 | 13.99 | 0.94 | 10.98 | 8.34 | 2052.03 | 117.26 | 12.11 | 23.84 | 7.53 | 1.31 |