

# New product available from stock!

# stahlrohr



## Square and rectangular hot-finished hollow sections

From our warehouse with an area of 60,000 m<sup>2</sup> in Duisburg harbour we are able to offer an extensive and well-assorted product range, which we enlarge from October 2017 with square and rectangular **hot-finished** hollow section. Also for this product segment we are in cooperation with approved manufacturers according to EU norms.

**Square and rectangular hot-finished hollows section are often used in the following industrial segments:**

- Steel construction
- Crane construction
- Agricultural machinery
- Shipbuilding
- Materials handling equipment
- Other mechanical engineering
- Vehicle manufacturing

### Technical Data:

- Hollow section in hot-finished condition according to EN 10210/1+2 in grades S355J2H respectively S355NH
- Available in random length from 12 to 13,5 m and fixed length
- From well proven leading European manufacturers
- Ready for galvanisation, with 3.1 certificate and CE marking

On customer request of course available in shot-blasted or primed surface condition and additional 3.2 approval. As well cut to shape parts from our 3D tube laser cutting machine up to 220 x 220 mm and 250 x 100 mm on hand.

Please find our delivery program on the back side. Any additional sizes on request.

**Please contact us!**

**AVAILABLE  
FROM OCTOBER  
2017**

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## Square hot-finished hollow sections

| Edge 1<br>mm | Edge 2<br>mm | 2,9  | 3,2  | 3,6  | 4    | 4,5  | 5    | 5,6  | 6,3  | 7,1  | 8    | 8,8  | 10   | 12,5 | 14,2 | 16   | 20  |
|--------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 40           | 40           | 3,31 | 3,61 | 4,01 | 4,39 | 4,85 | 5,28 | 5,78 | 6,33 |      |      |      |      |      |      |      |     |
| 50           | 50           | 4,22 | 4,62 | 5,14 | 5,64 | 6,26 | 6,85 | 7,54 | 8,31 | 9,14 | 10,0 |      |      |      |      |      |     |
| 60           | 60           | 5,13 | 5,62 | 6,27 | 6,90 | 7,67 | 8,42 | 9,30 | 10,3 | 11,4 | 12,5 |      |      |      |      |      |     |
| 70           | 70           |      | 6,63 | 7,40 | 8,15 | 9,08 | 9,99 | 11,1 | 12,3 | 13,6 | 15,0 |      |      |      |      |      |     |
| 80           | 80           |      |      | 8,53 | 9,41 | 10,5 | 11,6 | 12,8 | 14,2 | 15,8 | 17,5 | 19,0 | 21,1 | 25,2 |      |      |     |
| 90           | 90           |      |      |      | 10,7 | 11,9 | 13,1 | 14,6 | 16,2 | 18,1 | 20,1 | 21,8 | 24,3 | 29,1 |      |      |     |
| 100          | 100          |      |      |      | 11,9 | 13,3 | 14,7 | 16,3 | 18,2 | 20,3 | 22,6 | 24,5 | 27,4 | 33,0 |      |      |     |
| 110          | 110          |      |      |      | 13,2 | 14,7 | 16,3 | 18,1 | 20,2 | 22,5 | 25,1 | 27,3 | 30,6 | 37,0 |      |      |     |
| 120          | 120          |      |      |      |      | 16,1 | 17,8 | 19,9 | 22,2 | 24,7 | 27,6 | 30,1 | 33,7 | 40,9 | 45,5 |      |     |
| 140          | 140          |      |      |      |      |      | 21,0 | 23,4 | 26,1 | 29,2 | 32,6 | 35,6 | 40,0 | 48,7 | 54,4 |      |     |
| 150          | 150          |      |      |      |      |      |      | 25,1 | 28,1 | 31,4 | 35,1 | 38,4 | 43,1 | 52,7 | 58,9 | 65,2 |     |
| 160          | 160          |      |      |      |      |      |      | 26,9 | 30,1 | 33,7 | 37,6 | 41,1 | 46,3 | 56,6 | 63,3 | 70,2 |     |
| 180          | 180          |      |      |      |      |      |      |      | 34,0 | 38,1 | 42,7 | 46,7 | 52,5 | 64,4 | 72,2 | 80,2 |     |
| 200          | 200          |      |      |      |      |      |      |      | 38,0 | 42,6 | 47,7 | 52,2 | 58,8 | 72,3 | 81,1 | 90,3 |     |
| 220          | 220          |      |      |      |      |      |      |      | 41,9 | 47,0 | 52,7 | 57,7 | 65,1 | 80,1 | 90,1 | 100  |     |
| 250          | 250          |      |      |      |      |      |      |      |      | 53,7 | 60,3 | 66,0 | 74,5 | 91,9 | 103  | 115  |     |
| 260          | 260          |      |      |      |      |      |      |      |      | 56,0 | 62,8 | 68,8 | 77,7 | 95,8 | 108  | 120  |     |
| 300          | 300          |      |      |      |      |      |      |      |      |      | 72,8 | 79,8 | 90,2 | 112  | 126  | 141  |     |
| 350          | 350          |      |      |      |      |      |      |      |      |      | 85,4 | 93,6 | 106  | 131  | 148  | 166  |     |
| 400          | 400          |      |      |      |      |      |      |      |      |      | 97,9 | 107  | 122  | 151  | 170  | 191  | 235 |
| Edge 1<br>mm | Edge 2<br>mm | 2,9  | 3,2  | 3,6  | 4    | 4,5  | 5    | 5,6  | 6,3  | 7,1  | 8    | 8,8  | 10   | 12,5 | 14,2 | 16   | 20  |

## Rectangular hot-finished hollow sections

| Edge 1<br>mm | Edge 2<br>mm | 2,9  | 3,2  | 3,6  | 4    | 4,5  | 5    | 5,6  | 6,3  | 7,1  | 8    | 8,8  | 10   | 12,5 | 14,2 | 16   | 20  |
|--------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 50           | 30           | 3,31 | 3,61 | 4,01 | 4,39 | 4,85 | 5,28 | 5,78 | 6,33 |      |      |      |      |      |      |      |     |
| 60           | 40           | 4,22 | 4,62 | 5,14 | 5,64 | 6,26 | 6,85 | 7,54 | 8,31 | 9,14 | 10,0 |      |      |      |      |      |     |
| 70           | 40           | 4,67 | 5,12 | 5,70 | 6,27 | 6,97 | 7,64 | 8,42 | 9,30 | 10,3 | 11,3 |      |      |      |      |      |     |
| 80           | 40           | 5,13 | 5,62 | 6,27 | 6,90 | 7,67 | 8,42 | 9,30 | 10,3 | 11,4 | 12,5 |      |      |      |      |      |     |
| 90           | 50           |      | 6,63 | 7,40 | 8,15 | 9,08 | 9,99 | 11,1 | 12,3 | 13,6 | 15,0 | 16,3 |      |      |      |      |     |
| 100          | 50           |      |      | 7,96 | 8,78 | 9,79 | 10,8 | 11,9 | 13,3 | 14,7 | 16,3 | 17,6 | 19,6 |      |      |      |     |
| 100          | 60           |      |      | 8,53 | 9,41 | 10,5 | 11,6 | 12,8 | 14,2 | 15,8 | 17,5 | 19,0 | 21,1 |      |      |      |     |
| 120          | 60           |      |      | 9,66 | 10,7 | 11,9 | 13,1 | 14,6 | 16,2 | 18,1 | 20,1 | 21,8 | 24,3 | 29,1 |      |      |     |
| 120          | 80           |      |      |      | 11,9 | 13,3 | 14,7 | 16,3 | 18,2 | 20,3 | 22,6 | 24,5 | 27,4 | 33,0 |      |      |     |
| 140          | 70           |      |      |      | 12,6 | 14,0 | 15,5 | 17,2 | 19,2 | 21,4 | 23,8 | 25,9 | 29,0 | 35,0 |      |      |     |
| 140          | 80           |      |      |      | 13,2 | 14,7 | 16,3 | 18,1 | 20,2 | 22,5 | 25,1 | 27,3 | 30,6 | 37,0 | 41,0 |      |     |
| 150          | 100          |      |      |      |      |      | 18,6 | 20,7 | 23,1 | 25,9 | 28,9 | 31,5 | 35,3 | 42,8 | 47,7 |      |     |
| 160          | 80           |      |      |      |      |      | 17,8 | 19,9 | 22,2 | 24,7 | 27,6 | 30,1 | 33,7 | 40,9 | 45,5 |      |     |
| 160          | 90           |      |      |      |      |      |      | 20,7 | 23,1 | 25,9 | 28,9 | 31,5 | 35,3 | 42,8 | 47,7 |      |     |
| 180          | 100          |      |      |      |      |      |      | 23,4 | 26,1 | 29,2 | 32,6 | 35,6 | 40,0 | 48,7 | 54,4 |      |     |
| 200          | 100          |      |      |      |      |      |      |      | 28,1 | 31,4 | 35,1 | 38,4 | 43,1 | 52,7 | 58,9 | 65,2 |     |
| 200          | 120          |      |      |      |      |      |      |      | 30,1 | 33,7 | 37,6 | 41,1 | 46,3 | 56,6 | 63,3 | 70,2 |     |
| 220          | 120          |      |      |      |      |      |      |      | 32,0 | 35,9 | 40,2 | 43,9 | 49,4 | 60,5 | 67,8 | 75,2 |     |
| 250          | 100          |      |      |      |      |      |      |      | 33,0 | 37,0 | 41,4 | 45,3 | 51,0 | 62,5 | 70,0 | 77,7 |     |
| 250          | 150          |      |      |      |      |      |      |      | 38,0 | 42,6 | 47,7 | 52,2 | 58,8 | 72,3 | 81,1 | 90,3 |     |
| 260          | 140          |      |      |      |      |      |      |      | 38,0 | 42,6 | 47,7 | 52,2 | 58,8 | 72,3 | 81,1 | 90,3 |     |
| 260          | 180          |      |      |      |      |      |      |      | 41,9 | 47,0 | 52,7 | 57,7 | 65,1 | 80,1 | 90,1 | 100  |     |
| 300          | 100          |      |      |      |      |      |      |      |      |      | 47,7 | 52,2 | 58,8 | 72,3 | 81,1 | 90,3 |     |
| 300          | 200          |      |      |      |      |      |      |      |      |      | 60,3 | 66,0 | 74,5 | 91,9 | 103  | 115  |     |
| 350          | 250          |      |      |      |      |      |      |      |      |      | 72,8 | 79,8 | 90,2 | 112  | 126  | 141  |     |
| 400          | 200          |      |      |      |      |      |      |      |      |      | 72,8 | 79,8 | 90,2 | 112  | 126  | 141  |     |
| 450          | 250          |      |      |      |      |      |      |      |      |      | 85,4 | 93,6 | 106  | 131  | 148  | 166  |     |
| 500          | 300          |      |      |      |      |      |      |      |      |      | 97,9 | 107  | 122  | 151  | 170  | 191  | 235 |
| Edge 1<br>mm | Edge 2<br>mm | 2,9  | 3,2  | 3,6  | 4    | 4,5  | 5    | 5,6  | 6,3  | 7,1  | 8    | 8,8  | 10   | 12,5 | 14,2 | 16   | 20  |

These sizes are mostly available from stock.