

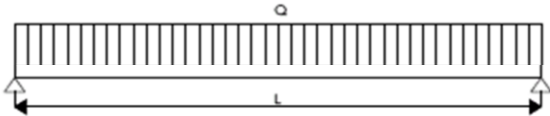
# CH-schwer Tragschienen

Tragschiene gelocht und verzahnt aus verzinktem Stahl zum Befestigen von Lüftungskanälen, Rohrleitungen, Gipsplatten usw. an Decken und Wänden.



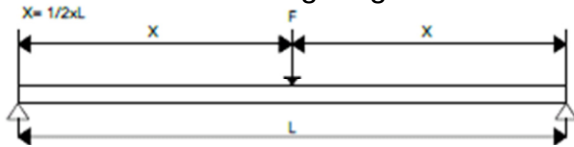
| Technische Daten Schienen: |         |                      |
|----------------------------|---------|----------------------|
| Material:                  |         | Stahl verzinkt       |
| Zinkschicht:               |         | 20 µm, Z275          |
| Schienenabbug:             |         | Max. 7mm             |
| Gewicht:                   | CH-10   | 2.60 kg/m            |
|                            | CH-10/2 | 5.00 kg/m            |
|                            | CH-13   | 1.60 kg/m            |
|                            | CH-13/2 | 3.08 kg/m            |
|                            | CH-15   | 3.20 kg/m            |
|                            | CH-15/2 | 6.30 kg/m            |
|                            | CH-20   | 4.53 kg/m            |
|                            | CH-20/2 | 8.96 kg/m            |
| Bundgrössen:               | CH-10   | 150m / 3m, 300m / 6m |
|                            | CH-10/2 | 75m / 3m, 150m / 6m  |
|                            | CH-13   | 150m / 3m, 300m / 6m |
|                            | CH-13/2 | 75m / 3m, 150m / 6m  |
|                            | CH-15   | 90m / 3m, 180m / 6m  |
|                            | CH-15/2 | 45m / 3m, 90m / 6m   |
|                            | CH-20   | 75m / 3m, 180m / 6m  |
|                            | CH-20/2 | 90m / 6m             |

Tabelle 1: Belastungsangaben für gleichmässig verteilte Last



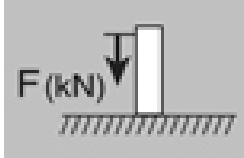
| Länge<br>(mm) | CH10<br>(kN) | CH13<br>(kN) | CH20<br>(kN) | CH10/2<br>(kN) | CH13/2<br>(kN) | CH20/2<br>(kN) |
|---------------|--------------|--------------|--------------|----------------|----------------|----------------|
| 250           | 18.00        | 4.90         | 37.20        | 38.40          | 13.45          | 37.20          |
| 500           | 9.00         | 2.45         | 24.82        | 25.45          | 6.72           | 37.20          |
| 750           | 6.00         | 1.63         | 16.55        | 16.96          | 4.48           | 37.20          |
| 1000          | 4.50         | 1.22         | 12.41        | 12.72          | 3.36           | 37.20          |
| 1250          | 3.60         | 0.98         | 9.93         | 10.18          | 2.69           | 29.60          |
| 1500          | 3.00         | 0.81         | 8.27         | 8.48           | 2.24           | 24.66          |
| 1750          | 2.57         | 0.70         | 7.09         | 7.27           | 1.92           | 21.14          |
| 2000          | 2.25         | 0.61         | 6.20         | 6.36           | 1.68           | 18.50          |
| 2250          | 2.00         | 0.54         | 5.51         | 5.65           | 1.49           | 16.44          |
| 2500          | 1.80         | 0.49         | 4.96         | 5.09           | 1.34           | 14.80          |
| 2750          | 1.63         | 0.44         | 4.51         | 4.62           | 1.22           | 13.45          |
| 3000          | 1.50         | 0.40         | 4.13         | 4.24           | 1.12           | 12.33          |

Tabelle 2: Belastungsangaben für Punktlast



| Länge<br>(mm) | CH10<br>(kN) | CH13<br>(kN) | CH20<br>(kN) | CH10/2<br>(kN) | CH13/2<br>(kN) | CH20/2<br>(kN) |
|---------------|--------------|--------------|--------------|----------------|----------------|----------------|
| 250           | 9.00         | 2.45         | 24.82        | 25.45          | 6.72           | 37.20          |
| 500           | 4.50         | 1.22         | 12.41        | 12.72          | 3.36           | 37.00          |
| 750           | 3.00         | 0.81         | 8.27         | 8.48           | 2.24           | 24.66          |
| 1000          | 2.25         | 0.61         | 6.20         | 6.36           | 1.68           | 18.50          |
| 1250          | 1.80         | 0.49         | 4.96         | 5.09           | 1.34           | 14.80          |
| 1500          | 1.50         | 0.40         | 4.13         | 4.24           | 1.12           | 12.33          |
| 1750          | 1.28         | 0.35         | 3.54         | 3.63           | 0.96           | 10.57          |
| 2000          | 1.12         | 0.30         | 3.10         | 3.18           | 0.84           | 9.25           |
| 2250          | 1.00         | 0.27         | 2.75         | 2.82           | 0.74           | 8.22           |
| 2500          | 0.90         | 0.24         | 2.48         | 2.54           | 0.67           | 7.40           |
| 2750          | 0.81         | 0.22         | 2.25         | 2.31           | 0.61           | 6.72           |
| 3000          | 0.75         | 0.20         | 2.06         | 2.12           | 0.56           | 6.10           |

Tabelle 3: Belastungsangaben für Biegeknicken



| Länge<br>(mm) | CH10<br>(kN) | CH13<br>(kN) | CH20<br>(kN) | CH10/2<br>(kN) | CH13/2<br>(kN) | CH20/2<br>(kN) |
|---------------|--------------|--------------|--------------|----------------|----------------|----------------|
| 250           | 57.70        | 35.50        | 84.60        | 111.70         | 73.70          | 171.20         |
| 500           | 50.30        | 31.00        | 79.30        | 110.10         | 69.40          | 168.30         |
| 750           | 43.10        | 21.60        | 70.50        | 104.90         | 62.30          | 161.60         |
| 1000          | 33.50        | 13.70        | 55.60        | 98.60          | 50.00          | 153.40         |
| 1250          | 26.40        | 9.20         | 41.00        | 88.30          | 36.80          | 141.70         |
| 1500          | 21.00        | 6.50         | 30.70        | 74.90          | 27.20          | 124.00         |
| 1750          | 17.40        | 4.80         | 23.80        | 61.20          | 20.60          | 104.70         |
| 2000          | 15.00        | -            | 19.20        | 49.60          | 16.10          | 86.00          |
| 2250          | 13.00        | -            | 15.70        | 40.60          | 12.90          | 71.90          |
| 2500          | 11.40        | -            | 13.40        | 33.60          | 10.50          | 59.70          |
| 2750          | 10.00        | -            | 11.40        | 28.10          | -              | 50.40          |
| 3000          | 8.90         | -            | 10.30        | 24.00          | -              | 42.90          |