

Kröger - Bretländer mbH - IGKB  
 Ingenieurgesellschaft für Bautechnik  
 Universitätstraße 74  
 44789 BOCHUM  
 Telefon: +49 (0) 234 / 930 43-0  
 Fax: +49 (0) 234 / 930 43-43

- 1 -

## RUNDSTAHL - STÜCKLISTE B500 A

Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| POS. | STÜCK | Ø<br>(mm) | SCHNITTLÄNGE<br>(m) | GEWICHT<br>(kg) | GESAMTLÄNGE<br>(m) |
|------|-------|-----------|---------------------|-----------------|--------------------|
| 1    | 25    | 6         | 0,520               | 0,115           | 13,000             |
| 2    | 25    | 10        | 0,510               | 0,315           | 12,750             |
| 4    | 31    | 16        | 1,390               | 2,196           | 43,090             |
| 5    | 6     | 16        | 1,970               | 3,113           | 11,820             |
| 6    | 14    | 16        | 4,050               | 6,399           | 56,700             |
| 7    | 5     | 16        | 3,390               | 5,356           | 16,950             |
| 8    | 14    | 10        | 4,040               | 2,493           | 56,560             |
| 9    | 44    | 10        | 2,920               | 1,802           | 128,480            |
| 10   | 29    | 10        | 1,150               | 0,710           | 33,350             |
| 11   | 2     | 16        | 4,040               | 6,383           | 8,080              |
| 12   | 33    | 16        | 4,340               | 6,857           | 143,220            |
| 13   | 23    | 10        | 4,370               | 2,696           | 100,510            |
| 14   | 14    | 16        | 2,890               | 4,566           | 40,460             |
| 15   | 5     | 20        | 12,000              | 29,640          | 60,000             |
| 16   | 5     | 20        | 9,190               | 22,699          | 45,950             |
| 17   | 4     | 20        | 9,190               | 22,699          | 36,760             |
| 18   | 4     | 20        | 12,000              | 29,640          | 48,000             |
| 19   | 5     | 20        | 12,000              | 29,640          | 60,000             |
| 20   | 5     | 20        | 6,390               | 15,783          | 31,950             |
| 21   | 4     | 20        | 6,390               | 15,783          | 25,560             |
| 22   | 4     | 20        | 12,000              | 29,640          | 48,000             |
| 23   | 24    | 20        | 4,030               | 9,954           | 96,720             |
| 24   | 12    | 20        | 5,940               | 14,672          | 71,280             |
| 25   | 9     | 20        | 4,540               | 11,214          | 40,860             |
| 26   | 9     | 20        | 11,890              | 29,368          | 107,010            |
| 27   | 80    | 20        | 2,830               | 6,990           | 226,400            |
| 28   | 80    | 20        | 2,440               | 6,027           | 195,200            |
| 29   | 120   | 20        | 2,450               | 6,052           | 294,000            |
| 30   | 102   | 20        | 4,080               | 10,078          | 416,160            |
| 31   | 37    | 20        | 8,890               | 21,958          | 328,930            |
| 32   | 22    | 20        | 2,390               | 5,903           | 52,580             |
| 33   | 83    | 20        | 2,270               | 5,607           | 188,410            |
| 34   | 83    | 20        | 2,270               | 5,607           | 188,410            |
| 35   | 21    | 20        | 2,670               | 6,595           | 56,070             |
| 36   | 21    | 20        | 2,670               | 6,595           | 56,070             |
| 37   | 9     | 20        | 7,490               | 18,500          | 67,410             |
| 38   | 176   | 20        | 2,490               | 6,150           | 438,240            |
| 39   | 6     | 20        | 12,000              | 29,640          | 72,000             |
| 40   | 6     | 20        | 9,590               | 23,687          | 57,540             |
| 41   | 5     | 20        | 9,590               | 23,687          | 47,950             |
| 42   | 5     | 20        | 12,000              | 29,640          | 60,000             |
| 43   | 5     | 20        | 12,000              | 29,640          | 60,000             |
| 44   | 5     | 20        | 6,790               | 16,771          | 33,950             |
| 45   | 4     | 20        | 6,790               | 16,771          | 27,160             |

(Alle Angaben gerundet!)

Fortsetzung Seite 2

Kröger - Bretländer mbH - IGKB  
 Ingenieurgesellschaft für Bautechnik  
 Universitätstraße 74  
 44789 BOCHUM  
 Telefon: +49 (0) 234 / 930 43-0  
 Fax: +49 (0) 234 / 930 43-43

- 2 -

## RUNDSTAHL - STÜCKLISTE B500 A

Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| POS.                      | STÜCK               | Ø<br>(mm) | SCHNITTLÄNGE<br>(m) | GEWICHT<br>(kg) | GESAMTLÄNGE<br>(m) |
|---------------------------|---------------------|-----------|---------------------|-----------------|--------------------|
| 46                        | 4                   | 20        | 12,000              | 29,640          | 48,000             |
| 47                        | 12                  | 20        | 5,940               | 14,672          | 71,280             |
| 48                        | 9                   | 20        | 4,540               | 11,214          | 40,860             |
| 49                        | 9                   | 20        | 11,890              | 29,368          | 107,010            |
| 50                        | 102                 | 20        | 3,680               | 9,090           | 375,360            |
| 51                        | 37                  | 20        | 8,890               | 21,958          | 328,930            |
| 52                        | 22                  | 20        | 2,390               | 5,903           | 52,580             |
| 53                        | 9                   | 20        | 7,490               | 18,500          | 67,410             |
| 54                        | 25                  | 6         | 0,420               | 0,093           | 10,500             |
| 55                        | 25                  | 10        | 0,410               | 0,253           | 10,250             |
| <hr/>                     |                     |           |                     |                 |                    |
| GESAMTMENGE               | (BETONSTAHL B500 A) |           |                     |                 |                    |
| (mm)                      | (kg/m)              |           | (m)                 |                 | (kg)               |
| 6                         | 0,222               |           | 23,500              |                 | 5,217              |
| 10                        | 0,617               |           | 341,900             |                 | 210,953            |
| 16                        | 1,580               |           | 320,320             |                 | 506,106            |
| 20                        | 2,470               |           | 4.630,000           |                 | 11.436,104         |
| <hr/>                     |                     |           |                     |                 |                    |
| G E S A M T G E W I C H T |                     |           |                     |                 | 12.158,380         |
| <hr/>                     |                     |           |                     |                 |                    |

(Alle Angaben gerundet!)

Kröger - Bretländer mbH - IGKB  
 Ingenieurgesellschaft für Bautechnik  
 Universitätstraße 74  
 44789 BOCHUM  
 Telefon: +49 (0) 234 / 930 43-0  
 Fax: +49 (0) 234 / 930 43-43

- 3 -

## GEWINDESTAHL - STÜCKLISTE TYP HALFEN-HBS

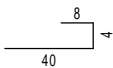
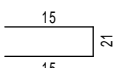
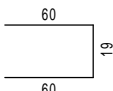
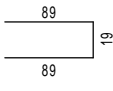
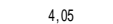
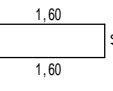
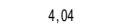
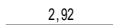
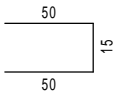


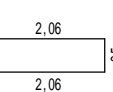
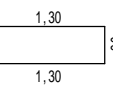
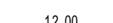
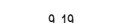
Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| POS.                            | STÜCK | Ø<br>(mm) | SCHNITTLÄNGE<br>(m) | ENDE 1 | ENDE 2  | GEWICHT<br>(kg) | GESAMTLÄNGE<br>(m) |
|---------------------------------|-------|-----------|---------------------|--------|---------|-----------------|--------------------|
| 3                               | 38    | 16        | 3,800               |        | Gewinde | 6,004           | 144,400            |
| GESAMTMENGE (BETONSTAHL B500 A) |       |           |                     |        |         |                 |                    |
|                                 | (mm)  | (kg/m)    |                     |        | (m)     |                 | (kg)               |
|                                 | 16    | 1,580     |                     |        | 144,400 |                 | 228,152            |
| GESAMTGEWICHT                   |       |           |                     |        |         |                 | 228,152            |

(Alle Angaben gerundet!)

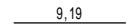
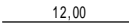
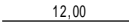
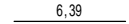
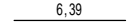
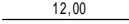
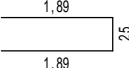
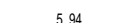
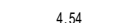
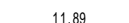
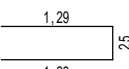
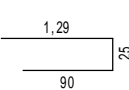
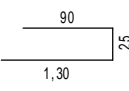
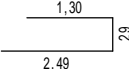
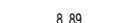
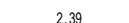
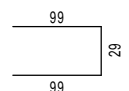
## BIEGELISTE Stabstahl B500 A

Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| Pos. | Skizze<br>[m/cm]  | Stück | ø  | Schnittlänge<br>[m] | Gesamtlänge<br>[m] | Pos.-Gewicht<br>[kg] |
|------|---|-------|----|---------------------|--------------------|----------------------|
| 1    |    | 25    | 6  | 0,52                | 13,00              | 2,886                |
| 2    |    | 25    | 10 | 0,51                | 12,75              | 7,867                |
| 4    |   | 31    | 16 | 1,39                | 43,09              | 68,082               |
| 5    |  | 6     | 16 | 1,97                | 11,82              | 18,676               |
| 6    |  | 14    | 16 | 4,05                | 56,70              | 89,586               |
| 7    |  | 5     | 16 | 3,39                | 16,95              | 26,781               |
| 8    |  | 14    | 10 | 4,04                | 56,56              | 34,898               |
| 9    |  | 44    | 10 | 2,92                | 128,48             | 79,272               |
| 10   |  | 29    | 10 | 1,15                | 33,35              | 20,577               |
| 11   |  | 2     | 16 | 4,04                | 8,08               | 12,766               |
| 12   |  | 33    | 16 | 4,34                | 143,22             | 226,288              |
| 13   |  | 23    | 10 | 4,37                | 100,51             | 62,015               |
| 14   |  | 14    | 16 | 2,89                | 40,46              | 63,927               |
| 15   |  | 5     | 20 | 12,00               | 60,00              | 148,200              |
| 16   |  | 5     | 20 | 9,19                | 45,95              | 113,497              |

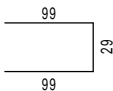
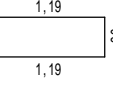
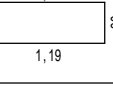
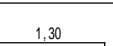
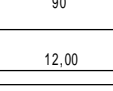
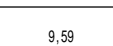
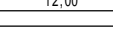
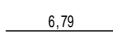
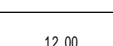
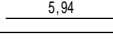
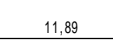
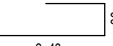
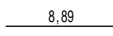



## BIEGELISTE Stabstahl B500 A

Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| Pos. | Skizze<br>[m/cm]  | Stück | ø  | Schnittlänge<br>[m] | Gesamtlänge<br>[m] | Pos.-Gewicht<br>[kg] |
|------|---|-------|----|---------------------|--------------------|----------------------|
| 17   |    | 4     | 20 | 9,19                | 36,76              | 90,797               |
| 18   |    | 4     | 20 | 12,00               | 48,00              | 118,560              |
| 19   |    | 5     | 20 | 12,00               | 60,00              | 148,200              |
| 20   |    | 5     | 20 | 6,39                | 31,95              | 78,917               |
| 21   |    | 4     | 20 | 6,39                | 25,56              | 63,133               |
| 22   |   | 4     | 20 | 12,00               | 48,00              | 118,560              |
| 23   |  | 24    | 20 | 4,03                | 96,72              | 238,898              |
| 24   |  | 12    | 20 | 5,94                | 71,28              | 176,062              |
| 25   |  | 9     | 20 | 4,54                | 40,86              | 100,924              |
| 26   |  | 9     | 20 | 11,89               | 107,01             | 264,315              |
| 27   |  | 80    | 20 | 2,83                | 226,40             | 559,208              |
| 28   |  | 80    | 20 | 2,44                | 195,20             | 482,144              |
| 29   |  | 120   | 20 | 2,45                | 294,00             | 726,180              |
| 30   |  | 102   | 20 | 4,08                | 416,16             | 1.027,915            |
| 31   |  | 37    | 20 | 8,89                | 328,93             | 812,457              |
| 32   |  | 22    | 20 | 2,39                | 52,58              | 129,873              |
| 33   |  | 83    | 20 | 2,27                | 188,41             | 465,373              |

## BIEGELISTE Stabstahl B500 A

Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026


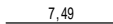
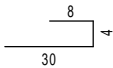
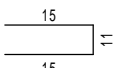
| Pos. | Skizze<br>[m/cm]  | Stück | ø  | Schnittlänge<br>[m] | Gesamtlänge<br>[m] | Pos.-Gewicht<br>[kg] |
|------|---|-------|----|---------------------|--------------------|----------------------|
| 34   |    | 83    | 20 | 2,27                | 188,41             | 465,373              |
| 35   |    | 21    | 20 | 2,67                | 56,07              | 138,493              |
| 36   |   | 21    | 20 | 2,67                | 56,07              | 138,493              |
| 37   |  | 9     | 20 | 7,49                | 67,41              | 166,503              |
| 38   |  | 176   | 20 | 2,49                | 438,24             | 1.082,453            |
| 39   |  | 6     | 20 | 12,00               | 72,00              | 177,840              |
| 40   |  | 6     | 20 | 9,59                | 57,54              | 142,124              |
| 41   |  | 5     | 20 | 9,59                | 47,95              | 118,437              |
| 42   |  | 5     | 20 | 12,00               | 60,00              | 148,200              |
| 43   |  | 5     | 20 | 12,00               | 60,00              | 148,200              |
| 44   |  | 5     | 20 | 6,79                | 33,95              | 83,857               |
| 45   |  | 4     | 20 | 6,79                | 27,16              | 67,085               |
| 46   |  | 4     | 20 | 12,00               | 48,00              | 118,560              |
| 47   |  | 12    | 20 | 5,94                | 71,28              | 176,062              |
| 48   |  | 9     | 20 | 4,54                | 40,86              | 100,924              |
| 49   |  | 9     | 20 | 11,89               | 107,01             | 264,315              |
| 50   |  | 102   | 20 | 3,68                | 375,36             | 927,139              |
| 51   |  | 37    | 20 | 8,89                | 328,93             | 812,457              |

Kröger - Bretländer mbH - IGKB  
 Ingenieurgesellschaft für Bautechnik  
 Universitätstraße 74  
 44789 BOCHUM  
 Telefon: +49 (0) 234 / 930 43-0  
 Fax: +49 (0) 234 / 930 43-43

- 7 -

## BIEGELISTE Stabstahl B500 A

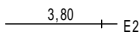
Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| Pos. | Skizze<br>[m/cm]  | Stück | ø  | Schnittlänge<br>[m] | Gesamtlänge<br>[m] | Pos.-Gewicht<br>[kg] |
|------|---|-------|----|---------------------|--------------------|----------------------|
| 52   |  | 22    | 20 | 2,39                | 52,58              | 129,873              |
| 53   |  | 9     | 20 | 7,49                | 67,41              | 166,503              |
| 54   |  | 25    | 6  | 0,42                | 10,50              | 2,331                |
| 55   |  | 25    | 10 | 0,41                | 10,25              | 6,324                |

Kröger - Bretländer mbH - IGKB  
 Ingenieurgesellschaft für Bautechnik  
 Universitätstraße 74  
 44789 BOCHUM  
 Telefon: +49 (0) 234 / 930 43-0  
 Fax: +49 (0) 234 / 930 43-43

## BIEGELISTE HALFEN-HBS B500 A

Projekt: Stadt Stadtlohn - Bauamt-Tiefbau  
 Bauwerk: Neubau eines Regenklärbeckens  
 Bauteil: Bewehrung Kanalwände Pos. W9a, W9b, W9c und Deckenplatte  
 Plannr.: 5720-BP-W-04-00  
 Datum: 23.03.2026

| Pos. | Skizze<br>[m/cm]  | Stück | ø  | Schnittlänge<br>[m] | Gesamtlänge<br>[m] | Pos.-Gewicht<br>[kg] |
|------|---|-------|----|---------------------|--------------------|----------------------|
| 3    |  | 38    | 16 | 3,80                | 144,40             | 228,152              |
|      | E2: Gewinde   |       |    |                     |                    |                      |