



Looser Bronze 50

| | |
|--|------|
| Rohre | 2.2 |
| Rundstangen | 2.12 |
| Rundstangen h8, Décolletageausführung | 2.15 |
| Kantenprofile | 2.16 |
| Sechskantstangen | 2.19 |

Looser Bronze 65/66/68

| | |
|-----------------------|------|
| Rohre (LB 65) | 2.20 |
| Rundstangen (LB 65) | 2.24 |
| Kantenprofile (LB 65) | 2.26 |
| Rohre (LB 68) | 2.27 |
| Rundstangen (LB 68) | 2.27 |

Caro Bronze

| | |
|------------------|------|
| Rohre | 2.28 |
| Rundstangen | 2.32 |
| Kantenprofile | 2.33 |
| Sechskantstangen | 2.34 |

Looser Phosphorbronze CuSn6

| | |
|--------------|------|
| CuSn6 Bleche | 2.35 |
|--------------|------|

Looser Bronze 50

| | |
|---------------------------------------|------|
| Tubes | 2.2 |
| Round bars | 2.12 |
| Round bars h8, Qualité décolletage | 2.15 |
| Edge profiles | 2.16 |
| Hexagonal bars | 2.19 |

Looser Bronze 65/66/68

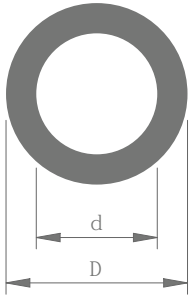
| | |
|-----------------------|------|
| Tubes (LB 65) | 2.20 |
| Round bars (LB 65) | 2.24 |
| Edge profiles (LB 65) | 2.26 |
| Tubes (LB 68) | 2.27 |
| Round bars (LB 68) | 2.27 |

Caro Bronze

| | |
|----------------|------|
| Tubes | 2.28 |
| Round bars | 2.32 |
| Edge profiles | 2.33 |
| Hexagonal bars | 2.34 |

Looser Phosphor Bronze CuSn6

| | |
|--------------|------|
| Sheets CuSn6 | 2.35 |
|--------------|------|



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–61: 0/-0,6 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 21–61: 0/-0,6 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm

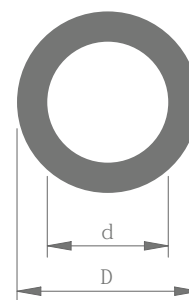
Additional material informations
register 7, pages 3 + 4.

* available at short notice

| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 12/20 | 10/21 | 630 | 2,4 | 50.1.010.021.630 |
| 12/20 | 10/21 | 3000 | 2,4 | 50.1.010.021 |
| 12/22 | 10/23 | 630 | 3,0 | 50.1.010.023.630 |
| 12/22 | 10/23 | 3000 | 3,0 | 50.1.010.023 |
| 12/25 | 10/26 | 630 | 4,0 | 50.1.010.026.630 |
| 12/25 | 10/26 | 3000 | 4,0 | 50.1.010.026 |
| 12/30 | 10/31 | 630 | 6,0 | 50.1.010.031.630 |
| 12/30 | 10/31 | 3000 | 6,0 | 50.1.010.031 |
| 15/20 | 14/21 | 630 | 1,7 | 50.1.014.021.630 |
| 15/22 | 14/23 | 630 | 2,4 | 50.1.014.023.630 |
| 15/25 | 14/26 | 630 | 3,4 | 50.1.014.026.630 |
| 15/25 | 14/26 | 3000 | 3,4 | 50.1.014.026 |
| 15/30 | 14/31 | 630 | 5,4 | 50.1.014.031.630 |
| 15/30 | 14/31 | 3000 | 5,4 | 50.1.014.031 |
| 15/32 | 14/33 | 630 | 6,3 | 50.1.014.033.630 |
| 15/35 | 14/36 | 630 | 7,7 | 50.1.014.036.630 |
| 15/35 | 14/36 | 3000 | 7,7 | 50.1.014.036 |
| 15/40 | 14/41 | 630 | 10,4 | 50.1.014.041.630 |
| 15/40 | 14/41 | 3000 | 10,4 | 50.1.014.041 |
| 15/45 | 14/46 | 630 | 13,5 | 50.1.014.046.630 |
| 15/45 | 14/46 | 3000 | 13,5 | 50.1.014.046 |
| 15/50 | 14/51 | 630 | 16,9 | 50.1.014.051.630 |
| 15/50 | 14/51 | 3000 | 16,9 | 50.1.014.051 |
| 18/25 | 17/26 | 630 | 2,7 | 50.1.017.026.630 |
| 18/25 | 17/26 | 3000 | 2,7 | 50.1.017.026 |
| 18/36 | 17/37 | 630 | 7,6 | 50.1.017.037.630 |
| 18/36 | 17/37 | 3000 | 7,6 | 50.1.017.037 |
| 20/28 | 19/29 | 630 | 3,4 | 50.1.019.029.630 |
| 20/28 | 19/29 | 3000 | 3,4 | 50.1.019.029 |
| 20/30 | 19/31 | 630 | 4,2 | 50.1.019.031.630 |
| 20/30 | 19/31 | 3000 | 4,2 | 50.1.019.031 |
| 20/32 | 19/33 | 630 | 5,1 | 50.1.019.033.630 |
| 20/32 | 19/33 | 3000 | 5,1 | 50.1.019.033 |
| 20/35 | 19/36 | 630 | 6,6 | 50.1.019.036.630 |
| 20/35 | 19/36 | 3000 | 6,6 | 50.1.019.036 |
| 20/38 | 19/39 | 630 | 8,1 | 50.1.019.039.630 |
| 20/40 | 19/41 | 630 | 9,3 | 50.1.019.041.630 |
| 20/40 | 19/41 | 3000 | 9,3 | 50.1.019.041 |
| 20/42 | 19/43 | 630 | 10,4 | 50.1.019.043.630 |
| 20/45 | 19/46 | 630 | 12,3 | 50.1.019.046.630 |
| 20/45 | 19/46 | 3000 | 12,3 | 50.1.019.046 |
| 20/50 | 19/51 | 630 | 15,7 | 50.1.019.051.630 |
| 20/50 | 19/51 | 3000 | 15,7 | 50.1.019.051 |
| 20/55 | 19/56 | 630 | 19,5 | 50.1.019.056.630 |
| 20/55 | 19/56 | 3000 | 19,5 | 50.1.019.056 |
| 20/60 | 19/61 | 630 | 23,6 | 50.1.019.061.630 |
| 20/60 | 19/61 | 3000 | 23,6 | 50.1.019.061 |

Looser Bronze 50 (LB 50)

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 20/65 | 18/66 | 630 | 28,3 | 50.1.018.066.630 |
| 20/70 | 18/71 | 630 | 33,1 | 50.1.018.071.630 |
| 24/30 | 23/31 | 630 | 3,0 | 50.1.023.031.630 |
| 24/32 | 23/33 | 630 | 3,9 | 50.1.023.033.630 |
| 24/32 | 23/33 | 3000 | 3,9 | 50.1.023.033 |
| 25/35 | 24/36 | 630 | 5,1 | 50.1.024.036.630 |
| 25/35 | 24/36 | 3000 | 5,1 | 50.1.024.036 |
| 25/38 | 24/39 | 630 | 7,0 | 50.1.024.039.630 |
| 25/40 | 24/41 | 630 | 7,8 | 50.1.024.041.630 |
| 25/40 | 24/41 | 3000 | 7,8 | 50.1.024.041 |
| 25/42 | 24/43 | 630 | 9,3 | 50.1.024.043.630 |
| 25/45 | 24/46 | 630 | 10,8 | 50.1.024.046.630 |
| 25/45 | 24/46 | 3000 | 10,8 | 50.1.024.046 |
| 25/48 | 24/49 | 630 | 13,1 | 50.1.024.049.630 |
| 25/50 | 24/51 | 630 | 14,2 | 50.1.024.051.630 |
| 25/50 | 24/51 | 3000 | 14,2 | 50.1.024.051 |
| 25/55 | 24/56 | 630 | 18,0 | 50.1.024.056.630 |
| 25/55 | 24/56 | 3000 | 18,0 | 50.1.024.056 |
| 25/60 | 24/61 | 630 | 22,1 | 50.1.024.061.630 |
| 25/60 | 24/61 | 3000 | 22,1 | 50.1.024.061 |
| 25/65 | 24/66 | 630 | 26,6 | 50.1.024.066.630 |
| 25/65 | 24/66 | 3000 | 26,6 | 50.1.024.066 |
| 25/70 | 23/71 | 630 | 31,7 | 50.1.023.071.630 |
| 25/70 | 23/71 | 3000 | 31,7 | 50.1.023.071 |
| 25/75 | 23/76 | 630 | 36,8 | 50.1.023.076.630 |
| 25/80 | 23/81 | 630 | 42,3 | 50.1.023.081.630 |
| 28/36 | 27/37 | 630 | 4,5 | 50.1.027.037.630 |
| 28/38 | 27/39 | 630 | 5,6 | 50.1.027.039.630 |
| 30/38 | 29/39 | 630 | 4,8 | 50.1.029.039.630 |
| 30/38 | 29/39 | 3000 | 4,8 | 50.1.029.039 |
| 30/40 | 29/41 | 630 | 5,9 | 50.1.029.041.630 |
| 30/40 | 29/41 | 3000 | 5,9 | 50.1.029.041 |
| 30/42 | 29/43 | 630 | 7,5 | 50.1.029.043.630 |
| 30/45 | 29/46 | 630 | 9,0 | 50.1.029.046.630 |
| 30/45 | 29/46 | 3000 | 9,0 | 50.1.029.046 |
| 30/48 | 29/49 | 630 | 10,9 | 50.1.029.049.630 |
| 30/50 | 29/51 | 630 | 12,4 | 50.1.029.051.630 |
| 30/50 | 29/51 | 3000 | 12,4 | 50.1.029.051 |
| 30/52 | 29/53 | 630 | 13,8 | 50.1.029.053.630 |
| 30/55 | 29/56 | 630 | 16,1 | 50.1.029.056.630 |
| 30/55 | 29/56 | 3000 | 16,1 | 50.1.029.056 |
| 30/60 | 29/61 | 630 | 20,2 | 50.1.029.061.630 |
| 30/60 | 29/61 | 3000 | 20,2 | 50.1.029.061 |
| 30/65 | 29/66 | 630 | 24,7 | 50.1.029.066.630 |
| 30/65 | 29/66 | 3000 | 24,7 | 50.1.029.066 |
| 30/70 | 28/71 | 630 | 29,9 | 50.1.028.071.630 |
| 30/75 | 28/76 | 630 | 35,0 | 50.1.028.076.630 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

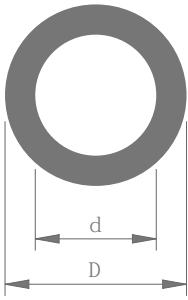
Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 21–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm

- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 21–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm

Additional material informations
register 7, pages 3 + 4.

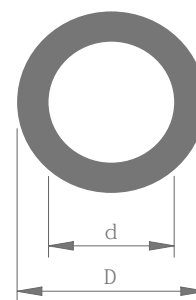
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 30/75 | 28/76 | 3000 | 35,0 | 50R.028.076* |
| 30/80 | 28/81 | 630 | 40,6 | 50.1.028.081.630 |
| 30/80 | 28/81 | 3000 | 40,6 | 50.1.028.081 |
| 30/85 | 28/86 | 630 | 46,4 | 50.1.028.086.630 |
| 30/90 | 28/91 | 630 | 52,6 | 50.1.028.091.630 |
| 30/90 | 28/91 | 3000 | 52,6 | 50.1.028.091 |
| 30/95 | 28/97 | 3000 | 60,8 | 50R.028.097* |
| 30/100 | 28/102 | 630 | 67,5 | 50.1.028.102.630 |
| 30/100 | 28/102 | 3000 | 67,5 | 50R.028.102* |
| 35/42 | 34/43 | 630 | 5,3 | 50.1.034.043.630 |
| 35/42 | 34/43 | 3000 | 5,3 | 50.1.034.043 |
| 35/45 | 34/46 | 630 | 6,8 | 50.1.034.046.630 |
| 35/45 | 34/46 | 3000 | 6,8 | 50.1.034.046 |
| 35/48 | 34/49 | 630 | 9,2 | 50.1.034.049.630 |
| 35/50 | 34/51 | 630 | 10,2 | 50.1.034.051.630 |
| 35/50 | 34/51 | 3000 | 10,2 | 50.1.034.051 |
| 35/52 | 34/53 | 630 | 12,1 | 50.1.034.053.630 |
| 35/55 | 34/56 | 630 | 13,9 | 50.1.034.056.630 |
| 35/55 | 34/56 | 3000 | 13,9 | 50.1.034.056 |
| 35/60 | 34/61 | 630 | 18,0 | 50.1.034.061.630 |
| 35/60 | 34/61 | 3000 | 18,0 | 50.1.034.061 |
| 35/65 | 34/66 | 630 | 22,5 | 50.1.034.066.630 |
| 35/65 | 34/66 | 3000 | 22,5 | 50.1.034.066 |
| 35/70 | 33/71 | 630 | 27,7 | 50.1.033.071.630 |
| 35/75 | 33/76 | 630 | 32,9 | 50.1.033.076.630 |
| 35/80 | 33/81 | 630 | 38,4 | 50.1.033.081.630 |
| 35/85 | 33/86 | 630 | 44,3 | 50.1.033.086.630 |
| 35/90 | 33/91 | 630 | 50,5 | 50.1.033.091.630 |
| 35/95 | 33/96 | 630 | 57,1 | 50.1.033.096.630 |
| 35/100 | 33/102 | 630 | 65,4 | 50.1.033.102.630 |
| 40/48 | 39/49 | 630 | 6,7 | 50.1.039.049.630 |
| 40/48 | 39/49 | 3000 | 6,7 | 50.1.039.049 |
| 40/50 | 39/51 | 630 | 7,7 | 50.1.039.051.630 |
| 40/50 | 39/51 | 3000 | 7,7 | 50.1.039.051 |
| 40/52 | 39/53 | 630 | 9,6 | 50.1.039.053.630 |
| 40/55 | 39/56 | 630 | 11,5 | 50.1.039.056.630 |
| 40/55 | 39/56 | 3000 | 11,5 | 50.1.039.056 |
| 40/60 | 39/61 | 630 | 15,6 | 50.1.039.061.630 |
| 40/60 | 39/61 | 3000 | 15,6 | 50.1.039.061 |
| 40/62 | 39/63 | 630 | 17,7 | 50.1.039.063.630 |
| 40/65 | 39/66 | 630 | 20,0 | 50.1.039.066.630 |
| 40/65 | 39/66 | 3000 | 20,0 | 50.1.039.066 |
| 40/70 | 38/71 | 630 | 25,3 | 50.1.038.071.630 |
| 40/70 | 38/71 | 3000 | 25,3 | 50.1.038.071 |
| 40/75 | 38/76 | 630 | 30,4 | 50.1.038.076.630 |
| 40/75 | 38/76 | 3000 | 30,4 | 50R.038.076* |
| 40/80 | 38/81 | 630 | 35,9 | 50.1.038.081.630 |

Looser Bronze 50 (LB 50)



| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 40/85 | 38/86 | 630 | 41,8 | 50.1.038.086.630 |
| 40/85 | 38/86 | 3000 | 41,8 | 50R.038.086* |
| 40/90 | 38/91 | 630 | 48,0 | 50.1.038.091.630 |
| 40/90 | 38/91 | 3000 | 48,0 | 50R.038.091* |
| 40/95 | 38/96 | 630 | 54,6 | 50.1.038.096.630 |
| 40/100 | 38/102 | 630 | 62,9 | 50.1.038.102.630 |
| 40/110 | 38/112 | 630 | 77,9 | 50.1.038.112.630 |
| 40/110 | 38/112 | 3000 | 77,9 | 50.1.038.112 |
| 40/120 | 38/122 | 630 | 94,3 | 50.1.038.122.630 |
| 45/52 | 44/53 | 630 | 6,7 | 50.1.044.053.630 |
| 45/55 | 44/56 | 630 | 8,5 | 50.1.044.056.630 |
| 45/55 | 44/56 | 3000 | 8,5 | 50.1.044.056 |
| 45/58 | 44/59 | 630 | 11,5 | 50.1.044.059.630 |
| 45/60 | 44/61 | 630 | 12,6 | 50.1.044.061.630 |
| 45/60 | 44/61 | 3000 | 12,6 | 50.1.044.061 |
| 45/62 | 44/63 | 630 | 14,9 | 50.1.044.063.630 |
| 45/65 | 44/66 | 630 | 17,0 | 50.1.044.066.630 |
| 45/65 | 44/66 | 3000 | 17,0 | 50.1.044.066 |
| 45/70 | 43/71 | 630 | 22,4 | 50.1.043.071.630 |
| 45/75 | 43/76 | 630 | 27,6 | 50.1.043.076.630 |
| 45/80 | 43/81 | 630 | 33,1 | 50.1.043.081.630 |
| 45/85 | 43/86 | 630 | 38,9 | 50.1.043.086.630 |
| 45/90 | 43/91 | 630 | 45,2 | 50.1.043.091.630 |
| 45/90 | 43/91 | 3000 | 45,2 | 50R.043.091* |
| 45/95 | 43/96 | 630 | 51,7 | 50.1.043.096.630 |
| 45/100 | 43/102 | 630 | 60,1 | 50.1.043.102.630 |
| 45/110 | 43/112 | 630 | 75,1 | 50.1.043.112.630 |
| 45/120 | 43/122 | 630 | 91,1 | 50R.043.122.630* |
| 50/58 | 49/59 | 630 | 8,3 | 50.1.049.059.630 |
| 50/60 | 49/61 | 630 | 9,5 | 50.1.049.061.630 |
| 50/60 | 49/61 | 3000 | 9,5 | 50.1.049.061 |
| 50/62 | 49/63 | 630 | 11,7 | 50.1.049.063.630 |
| 50/65 | 49/66 | 630 | 14,0 | 50.1.049.066.630 |
| 50/65 | 49/66 | 3000 | 14,0 | 50.1.049.066 |
| 50/68 | 48/69 | 630 | 17,2 | 50.1.048.069.630 |
| 50/70 | 48/71 | 630 | 19,2 | 50.1.048.071.630 |
| 50/70 | 48/71 | 3000 | 19,2 | 50.1.048.071 |
| 50/72 | 48/73 | 630 | 21,2 | 50.1.048.073.630 |
| 50/75 | 48/76 | 630 | 24,4 | 50.1.048.076.630 |
| 50/75 | 48/76 | 3000 | 24,4 | 50.1.048.076 |
| 50/80 | 48/81 | 630 | 29,9 | 50.1.048.081.630 |
| 50/85 | 48/86 | 630 | 35,7 | 50.1.048.086.630 |
| 50/85 | 48/86 | 1000 | 35,7 | 50.1.048.086.1 |
| 50/90 | 48/91 | 630 | 42,0 | 50.1.048.091.630 |
| 50/90 | 48/91 | 1000 | 42,0 | 50.1.048.091.1 |
| 50/95 | 48/96 | 630 | 48,5 | 50.1.048.096.630 |
| 50/100 | 48/102 | 630 | 56,9 | 50.1.048.102.630 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschlitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

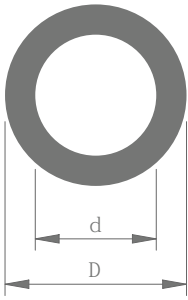
Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 21–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 63–172: 0/-1,2 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 63–172: 0/-1,2 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm

Additional material informations
register 7, pages 3 + 4.

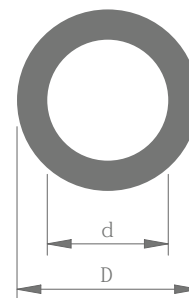
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 50/100 | 48/102 | 1000 | 56,9 | 50.1.048.102.1 |
| 50/105 | 48/107 | 630 | 64,2 | 50.1.048.107.630 |
| 50/110 | 48/112 | 630 | 71,9 | 50.1.048.112.630 |
| 50/110 | 48/112 | 1000 | 71,9 | 50.1.048.112.1 |
| 50/115 | 48/117 | 630 | 79,9 | 50.1.048.117.630 |
| 50/120 | 48/122 | 630 | 88,3 | 50.1.048.122.630 |
| 50/130 | 48/132 | 630 | 106,1 | 50.1.048.132.630 |
| 50/130 | 48/132 | 3000 | 106,1 | 50R.048.132* |
| 55/62 | 53/63 | 630 | 8,1 | 50.1.053.063.630 |
| 55/65 | 53/66 | 630 | 10,9 | 50.1.053.066.630 |
| 55/65 | 53/66 | 3000 | 10,9 | 50.1.053.066 |
| 55/70 | 53/71 | 630 | 15,7 | 50.1.053.071.630 |
| 55/70 | 53/71 | 3000 | 15,7 | 50.1.053.071 |
| 55/72 | 53/73 | 630 | 17,7 | 50.1.053.073.630 |
| 55/75 | 53/76 | 630 | 20,8 | 50.1.053.076.630 |
| 55/80 | 53/81 | 630 | 26,3 | 50.1.053.081.630 |
| 55/85 | 53/86 | 630 | 32,2 | 50.1.053.086.630 |
| 55/85 | 53/86 | 3000 | 32,2 | 50R.053.086* |
| 55/90 | 53/91 | 630 | 38,4 | 50.1.053.091.630 |
| 55/95 | 53/96 | 630 | 45,0 | 50.1.053.096.630 |
| 55/100 | 53/102 | 630 | 53,3 | 50.1.053.102.630 |
| 60/70 | 58/71 | 630 | 11,8 | 50.1.058.071.630 |
| 60/70 | 58/71 | 3000 | 11,8 | 50.1.058.071 |
| 60/72 | 58/73 | 630 | 13,8 | 50.1.058.073.630 |
| 60/75 | 58/76 | 630 | 16,9 | 50.1.058.076.630 |
| 60/75 | 58/76 | 3000 | 16,9 | 50.1.058.076 |
| 60/78 | 58/79 | 630 | 20,2 | 50.1.058.079.630 |
| 60/80 | 58/81 | 630 | 22,4 | 50.1.058.081.630 |
| 60/80 | 58/81 | 3000 | 22,4 | 50.1.058.081 |
| 60/85 | 58/86 | 630 | 28,3 | 50.1.058.086.630 |
| 60/90 | 58/91 | 630 | 34,5 | 50.1.058.091.630 |
| 60/90 | 58/91 | 3000 | 34,5 | 50.1.058.091 |
| 60/95 | 58/96 | 630 | 41,1 | 50.1.058.096.630 |
| 60/100 | 58/102 | 630 | 49,4 | 50.1.058.102.630 |
| 60/105 | 58/107 | 630 | 56,8 | 50.1.058.107.630 |
| 60/110 | 58/112 | 630 | 64,4 | 50.1.058.112.630 |
| 60/115 | 58/117 | 630 | 72,5 | 50.1.058.117.630 |
| 60/120 | 58/122 | 630 | 80,9 | 50.1.058.122.630 |
| 60/130 | 58/132 | 630 | 98,7 | 50.1.058.132.630 |
| 60/140 | 58/142 | 630 | 117,9 | 50.1.058.142.630 |
| 60/150 | 58/152 | 630 | 138,6 | 50.1.058.152.630 |
| 60/160 | 58/162 | 630 | 160,6 | 50.1.058.162.630 |
| 60/170 | 58/172 | 630 | 183,0 | 50R.058.172.630* |
| 65/72 | 63/73 | 630 | 9,5 | 50.1.063.073.630 |
| 65/75 | 63/76 | 630 | 12,7 | 50.1.063.076.630 |
| 65/80 | 63/81 | 630 | 18,2 | 50.1.063.081.630 |
| 65/82 | 63/83 | 630 | 20,5 | 50.1.063.083.630 |

Looser Bronze 50 (LB 50)



| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 65/85 | 63/86 | 630 | 24,1 | 50.1.063.086.630 |
| 65/85 | 63/86 | 3000 | 24,1 | 50.1.063.086 |
| 65/90 | 63/91 | 630 | 30,3 | 50.1.063.091.630 |
| 65/90 | 63/91 | 3000 | 30,3 | 50.1.063.091 |
| 65/95 | 63/96 | 630 | 36,8 | 50.1.063.096.630 |
| 65/100 | 63/102 | 630 | 45,2 | 50.1.063.102.630 |
| 65/105 | 63/107 | 630 | 52,5 | 50.1.063.107.630 |
| 65/115 | 63/117 | 630 | 68,2 | 50.1.063.117.630 |
| 65/125 | 63/127 | 630 | 85,4 | 50.1.063.127.630 |
| 70/80 | 68/81 | 630 | 13,6 | 50.1.068.081.630 |
| 70/80 | 68/81 | 3000 | 13,6 | 50.1.068.081 |
| 70/82 | 68/83 | 630 | 15,9 | 50.1.068.083.630 |
| 70/85 | 68/86 | 630 | 19,5 | 50.1.068.086.630 |
| 70/85 | 68/86 | 3000 | 19,5 | 50.1.068.086 |
| 70/88 | 68/89 | 630 | 23,1 | 50.1.068.089.630 |
| 70/90 | 68/91 | 630 | 25,7 | 50.1.068.091.630 |
| 70/90 | 68/91 | 3000 | 25,7 | 50.1.068.091 |
| 70/95 | 68/96 | 630 | 32,2 | 50.1.068.096.630 |
| 70/100 | 68/102 | 630 | 40,6 | 50.1.068.102.630 |
| 70/105 | 68/107 | 630 | 47,9 | 50.1.068.107.630 |
| 70/110 | 68/112 | 630 | 55,6 | 50.1.068.112.630 |
| 70/115 | 68/117 | 630 | 63,6 | 50.1.068.117.630 |
| 70/120 | 68/122 | 630 | 72,0 | 50.1.068.122.630 |
| 70/130 | 68/132 | 630 | 89,9 | 50.1.068.132.630 |
| 70/140 | 68/142 | 630 | 109,1 | 50.1.068.142.630 |
| 70/150 | 68/152 | 630 | 129,7 | 50.1.068.152.630 |
| 70/160 | 68/162 | 630 | 151,8 | 50.1.068.162.630 |
| 75/85 | 73/86 | 630 | 14,5 | 50.1.073.086.630 |
| 75/90 | 73/91 | 630 | 20,7 | 50.1.073.091.630 |
| 75/92 | 73/93 | 630 | 23,3 | 50.1.073.093.630 |
| 75/95 | 73/96 | 630 | 27,3 | 50.1.073.096.630 |
| 75/100 | 73/102 | 630 | 35,6 | 50.1.073.102.630 |
| 75/105 | 73/107 | 630 | 43,0 | 50.1.073.107.630 |
| 75/105 | 73/107 | 3000 | 43,0 | 50.1.073.107 |
| 75/110 | 73/112 | 630 | 50,6 | 50.1.073.112.630 |
| 75/115 | 73/117 | 630 | 58,7 | 50.1.073.117.630 |
| 75/120 | 73/122 | 630 | 67,1 | 50.1.073.122.630 |
| 75/125 | 73/127 | 630 | 75,8 | 50.1.073.127.630 |
| 75/135 | 73/137 | 630 | 94,3 | 50.1.073.137.630 |
| 75/150 | 73/152 | 630 | 124,8 | 50.1.073.152.630 |
| 80/90 | 78/91 | 630 | 15,4 | 50.1.078.091.630 |
| 80/90 | 78/91 | 3000 | 15,4 | 50.1.078.091 |
| 80/92 | 78/93 | 630 | 18,0 | 50.1.078.093.630 |
| 80/95 | 78/96 | 630 | 22,0 | 50.1.078.096.630 |
| 80/100 | 78/102 | 630 | 30,3 | 50.1.078.102.630 |
| 80/100 | 78/102 | 3000 | 30,3 | 50.1.078.102 |
| 80/105 | 78/107 | 630 | 37,7 | 50.1.078.107.630 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 63–172: 0/-1,2 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

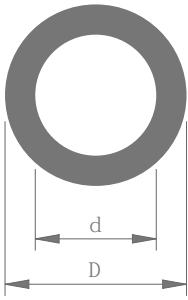
Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 63–172: 0/-1,2 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm

Additional material informations
register 7, pages 3 + 4.

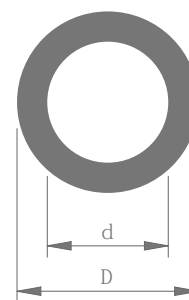
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 80/110 | 78/112 | 630 | 45,3 | 50.1.078.112.630 |
| 80/120 | 78/122 | 630 | 61,8 | 50.1.078.122.630 |
| 80/120 | 78/122 | 1000 | 61,8 | 50.1.078.122.1 |
| 80/130 | 78/132 | 630 | 79,6 | 50.1.078.132.630 |
| 80/140 | 78/142 | 630 | 98,8 | 50.1.078.142.630 |
| 80/150 | 78/152 | 630 | 119,5 | 50.1.078.152.630 |
| 80/160 | 78/162 | 630 | 141,5 | 50.1.078.162.630 |
| 80/180 | 78/182 | 630 | 189,8 | 50.1.078.182.630 |
| 80/200 | 78/202 | 630 | 243,7 | 50.1.078.202.630 |
| 85/95 | 83/96 | 630 | 16,3 | 50.1.083.096.630 |
| 85/100 | 83/102 | 630 | 24,7 | 50.1.083.102.630 |
| 85/105 | 83/107 | 630 | 32,0 | 50.1.083.107.630 |
| 85/110 | 83/112 | 630 | 39,7 | 50.1.083.112.630 |
| 85/115 | 83/117 | 630 | 47,7 | 50.1.083.117.630 |
| 85/120 | 83/122 | 630 | 56,1 | 50.1.083.122.630 |
| 85/125 | 83/127 | 630 | 64,9 | 50.1.083.127.630 |
| 85/130 | 83/132 | 630 | 74,0 | 50.1.083.132.630 |
| 85/135 | 83/137 | 630 | 82,0 | 50R.083.137.630* |
| 90/100 | 88/102 | 630 | 18,7 | 50.1.088.102.630 |
| 90/105 | 88/107 | 630 | 26,0 | 50.1.088.107.630 |
| 90/110 | 88/112 | 630 | 33,7 | 50.1.088.112.630 |
| 90/115 | 88/117 | 630 | 41,7 | 50.1.088.117.630 |
| 90/120 | 88/122 | 630 | 50,1 | 50.1.088.122.630 |
| 90/125 | 88/127 | 630 | 58,9 | 50.1.088.127.630 |
| 90/130 | 88/132 | 630 | 68,0 | 50.1.088.132.630 |
| 90/140 | 88/142 | 630 | 87,2 | 50.1.088.142.630 |
| 90/150 | 88/152 | 630 | 107,8 | 50.1.088.152.630 |
| 90/160 | 88/162 | 630 | 129,9 | 50.1.088.162.630 |
| 90/170 | 88/172 | 630 | 153,3 | 50.1.088.172.630 |
| 95/105 | 93/107 | 630 | 19,7 | 50.1.093.107.630 |
| 95/115 | 93/117 | 630 | 35,4 | 50.1.093.117.630 |
| 95/120 | 93/122 | 630 | 43,8 | 50.1.093.122.630 |
| 95/125 | 93/127 | 630 | 52,5 | 50.1.093.127.630 |
| 95/125 | 93/127 | 3000 | 52,5 | 50R.093.127* |
| 95/135 | 93/137 | 630 | 71,0 | 50.1.093.137.630 |
| 95/145 | 93/147 | 630 | 91,0 | 50.1.093.147.630 |
| 100/110 | 98/112 | 630 | 20,6 | 50.1.098.112.630 |
| 100/115 | 98/117 | 630 | 28,7 | 50.1.098.117.630 |
| 100/120 | 98/122 | 630 | 37,1 | 50.1.098.122.630 |
| 100/125 | 98/127 | 630 | 45,8 | 50.1.098.127.630 |
| 100/130 | 98/132 | 630 | 54,9 | 50.1.098.132.630 |
| 100/140 | 98/142 | 630 | 74,1 | 50.1.098.142.630 |
| 100/150 | 98/152 | 630 | 94,8 | 50.1.098.152.630 |
| 100/160 | 98/162 | 630 | 116,8 | 50.1.098.162.630 |
| 100/170 | 98/172 | 630 | 140,3 | 50.1.098.172.630 |
| 100/180 | 98/182 | 630 | 165,1 | 50.1.098.182.630 |
| 100/190 | 98/192 | 630 | 192,4 | 50.1.098.192.630 |

Looser Bronze 50 (LB 50)



| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 100/200 | 98/202 | 630 | 219,0 | 50.1.098.202.630 |
| 100/220 | 98/222 | 630 | 278,6 | 50.1.098.222.630 |
| 105/115 | 103/117 | 630 | 21,6 | 50.1.103.117.630 |
| 105/120 | 103/122 | 630 | 30,0 | 50.1.103.122.630 |
| 105/145 | 103/147 | 630 | 77,2 | 50.1.103.147.630 |
| 105/155 | 103/157 | 630 | 98,6 | 50.1.103.157.630 |
| 110/120 | 108/122 | 630 | 22,6 | 50.1.108.122.630 |
| 110/125 | 108/127 | 630 | 31,3 | 50.1.108.127.630 |
| 110/130 | 108/132 | 630 | 40,4 | 50.1.108.132.630 |
| 110/135 | 108/137 | 630 | 49,9 | 50.1.108.137.630 |
| 110/140 | 108/142 | 630 | 59,7 | 50.1.108.142.630 |
| 110/140 | 108/142 | 3000 | 59,7 | 50R.108.142* |
| 110/150 | 108/152 | 630 | 80,3 | 50.1.108.152.630 |
| 110/150 | 108/152 | 3000 | 80,3 | 50R.108.152* |
| 110/160 | 108/162 | 630 | 102,4 | 50.1.108.162.630 |
| 110/170 | 108/172 | 630 | 125,8 | 50.1.108.172.630 |
| 110/180 | 108/182 | 630 | 150,7 | 50.1.108.182.630 |
| 110/190 | 108/192 | 630 | 176,9 | 50.1.108.192.630 |
| 115/135 | 113/137 | 630 | 42,1 | 50.1.113.137.630 |
| 115/145 | 113/147 | 630 | 62,1 | 50.1.113.147.630 |
| 115/155 | 113/157 | 630 | 83,4 | 50.1.113.157.630 |
| 115/165 | 113/167 | 630 | 106,1 | 50.1.113.167.630 |
| 120/130 | 118/132 | 630 | 24,6 | 50.1.118.132.630 |
| 120/135 | 118/137 | 630 | 34,0 | 50.1.118.137.630 |
| 120/140 | 118/142 | 630 | 43,8 | 50.1.118.142.630 |
| 120/145 | 118/147 | 630 | 54,0 | 50.1.118.147.630 |
| 120/150 | 118/152 | 630 | 64,4 | 50.1.118.152.630 |
| 120/160 | 118/162 | 630 | 86,5 | 50.1.118.162.630 |
| 120/160 | 118/162 | 3000 | 86,5 | 50R.118.162* |
| 120/170 | 118/172 | 630 | 109,9 | 50.1.118.172.630 |
| 120/180 | 118/182 | 630 | 134,8 | 50.1.118.182.630 |
| 120/190 | 118/192 | 630 | 160,3 | 50R.118.192.630* |
| 120/200 | 118/202 | 630 | 188,7 | 50.1.118.202.630 |
| 120/220 | 118/222 | 630 | 248,2 | 50.1.118.222.630 |
| 120/240 | 118/242 | 630 | 312,0 | 50R.118.242.630* |
| 125/155 | 123/157 | 630 | 66,8 | 50.1.123.157.630 |
| 125/165 | 123/167 | 630 | 89,6 | 50.1.123.167.630 |
| 130/150 | 128/152 | 630 | 47,2 | 50.1.128.152.630 |
| 130/160 | 128/162 | 630 | 69,2 | 50.1.128.162.630 |
| 130/170 | 128/172 | 630 | 92,7 | 50.1.128.172.630 |
| 130/180 | 128/182 | 630 | 117,5 | 50.1.128.182.630 |
| 130/185 | 127/188 | 630 | 135,0 | 50.1.127.188.630 |
| 130/190 | 128/192 | 630 | 143,8 | 50.1.128.192.630 |
| 130/200 | 128/202 | 630 | 171,4 | 50.1.128.202.630 |
| 130/210 | 128/212 | 630 | 200,0 | 50.1.128.212.630 |
| 130/230 | 128/232 | 630 | 262,2 | 50.1.128.232.630 |
| 135/165 | 133/167 | 1000 | 71,6 | 50.1.133.167.1 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

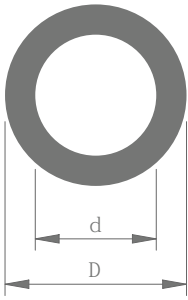
Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 21–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm
Ø 262–404: 0/-2,0 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm
Ø 262–404: 0/+2,0 mm

Weitere Werkstoffinformationen Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm
Ø 262–404: 0/-2,0 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm
Ø 262–404: 0/+2,0 mm

Additional material informations register 7, pages 3 + 4.

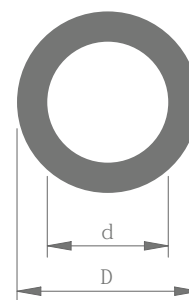
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 140/150 | 138/152 | 630 | 28,5 | 50.1.138.152.630 |
| 140/160 | 138/162 | 630 | 50,5 | 50.1.138.162.630 |
| 140/160 | 138/162 | 3000 | 50,5 | 50R.138.162* |
| 140/170 | 138/172 | 630 | 74,0 | 50.1.138.172.630 |
| 140/180 | 138/182 | 630 | 98,8 | 50.1.138.182.630 |
| 140/180 | 138/182 | 3000 | 98,8 | 50R.138.182* |
| 140/190 | 138/192 | 630 | 125,1 | 50.1.138.192.630 |
| 140/200 | 138/202 | 630 | 152,8 | 50.1.138.202.630 |
| 140/220 | 138/222 | 630 | 212,3 | 50.1.138.222.630 |
| 140/230 | 138/232 | 630 | 244,0 | 50R.138.232.630* |
| 140/240 | 138/242 | 630 | 277,4 | 50.1.138.242.630 |
| 140/260 | 138/262 | 630 | 350,0 | 50R.138.262.630* |
| 145/175 | 143/177 | 630 | 76,4 | 50.1.143.177.630 |
| 150/170 | 148/172 | 630 | 53,9 | 50.1.148.172.630 |
| 150/180 | 148/182 | 630 | 78,8 | 50.1.148.182.630 |
| 150/190 | 148/192 | 630 | 105,0 | 50.1.148.192.630 |
| 150/200 | 148/202 | 630 | 132,7 | 50.1.148.202.630 |
| 150/210 | 148/212 | 630 | 163,0 | 50R.148.212.630* |
| 150/220 | 148/222 | 630 | 192,2 | 50.1.148.222.630 |
| 150/230 | 148/232 | 630 | 224,0 | 50.1.148.232.630 |
| 150/250 | 148/252 | 630 | 292,0 | 50.1.148.252.630 |
| 150/300 | 146/304 | 630 | 499,2 | 50.1.146.304.630 |
| 160/180 | 158/182 | 630 | 57,3 | 50.1.158.182.630 |
| 160/190 | 158/192 | 630 | 83,5 | 50.1.158.192.630 |
| 160/190 | 158/192 | 3000 | 83,5 | 50R.158.192* |
| 160/200 | 158/202 | 630 | 111,2 | 50.1.158.202.630 |
| 160/210 | 158/212 | 630 | 140,3 | 50.1.158.212.630 |
| 160/220 | 158/222 | 630 | 170,5 | 50.1.158.222.630 |
| 160/240 | 158/242 | 630 | 235,0 | 50R.158.242.630* |
| 160/250 | 158/252 | 630 | 270,0 | 50R.158.252.630* |
| 160/300 | 158/302 | 630 | 465,0 | 50.1.158.302.630 |
| 170/200 | 168/202 | 630 | 88,0 | 50R.168.202.630* |
| 170/210 | 168/212 | 630 | 117,4 | 50.1.168.212.630 |
| 170/220 | 168/222 | 630 | 147,8 | 50.1.168.222.630 |
| 170/230 | 168/232 | 630 | 179,7 | 50.1.168.232.630 |
| 170/240 | 168/242 | 630 | 213,0 | 50.1.168.242.630 |
| 170/270 | 168/272 | 630 | 321,0 | 50.1.168.272.630 |
| 180/195 | 177/198 | 630 | 55,3 | 50.1.177.198.630 |
| 180/200 | 178/202 | 630 | 64,0 | 50.1.178.202.630 |
| 180/210 | 178/212 | 630 | 93,1 | 50.1.178.212.630 |
| 180/220 | 178/222 | 630 | 123,6 | 50.1.178.222.630 |
| 180/230 | 178/232 | 630 | 155,4 | 50.1.178.232.630 |
| 180/250 | 178/252 | 630 | 223,4 | 50.1.178.252.630 |
| 180/260 | 178/262 | 630 | 259,0 | 50R.178.262.630* |
| 180/280 | 178/282 | 630 | 335,0 | 50R.178.282.630* |
| 190/220 | 188/222 | 630 | 97,9 | 50.1.188.222.630 |
| 190/230 | 188/232 | 630 | 129,2 | 50.1.188.232.630 |

Looser Bronze 50 (LB 50)



| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 190/240 | 188/242 | 630 | 163,0 | 50.1.188.242.630 |
| 190/250 | 188/252 | 630 | 197,7 | 50.1.188.252.630 |
| 190/260 | 188/262 | 630 | 233,8 | 50.1.188.262.630 |
| 190/270 | 188/272 | 630 | 273,0 | 50R.188.272.630* |
| 190/280 | 188/282 | 630 | 310,1 | 50.1.188.282.630 |
| 200/220 | 198/222 | 630 | 70,8 | 50.1.198.222.630 |
| 200/225 | 198/227 | 630 | 86,6 | 50.1.198.227.630 |
| 200/230 | 198/232 | 630 | 102,6 | 50.1.198.232.630 |
| 200/240 | 198/242 | 630 | 135,9 | 50.1.198.242.630 |
| 200/250 | 198/252 | 630 | 170,6 | 50.1.198.252.630 |
| 200/270 | 198/272 | 630 | 244,2 | 50.1.198.272.630 |
| 200/300 | 198/302 | 630 | 365,0 | 50.1.198.302.630 |
| 200/350 | 196/354 | 630 | 610,0 | 50.1.196.354.630 |
| 210/250 | 208/252 | 630 | 142,1 | 50.1.208.252.630 |
| 210/260 | 208/262 | 630 | 178,2 | 50.1.208.262.630 |
| 210/270 | 208/272 | 630 | 215,7 | 50.1.208.272.630 |
| 210/280 | 208/282 | 630 | 254,6 | 50.1.208.282.630 |
| 210/290 | 208/292 | 630 | 296,0 | 50R.208.292.630* |
| 210/310 | 208/312 | 630 | 378,0 | 50R.208.312.630* |
| 220/260 | 218/262 | 630 | 148,3 | 50.1.218.262.630 |
| 220/270 | 218/272 | 630 | 185,8 | 50.1.218.272.630 |
| 220/280 | 218/282 | 630 | 224,6 | 50.1.218.282.630 |
| 220/290 | 218/292 | 630 | 264,9 | 50.1.218.292.630 |
| 220/300 | 218/302 | 630 | 309,0 | 50R.218.302.630* |
| 230/270 | 228/272 | 630 | 154,4 | 50.1.228.272.630 |
| 230/290 | 228/292 | 630 | 233,6 | 50.1.228.292.630 |
| 240/280 | 238/282 | 630 | 161,0 | 50.1.238.282.630 |
| 250/300 | 248/302 | 630 | 208,5 | 50.1.248.302.630 |
| 250/350 | 247/353 | 630 | 447,0 | 50.1.247.353.630 |
| 250/400 | 246/404 | 630 | 721,0 | 50.1.246.404.630 |
| 260/310 | 258/312 | 630 | 216,1 | 50.1.258.312.630 |
| 280/320 | 277/323 | 630 | 194,0 | 50.1.277.323.630 |
| 300/350 | 297/353 | 630 | 256,0 | 50.1.297.353.630 |
| 300/400 | 296/404 | 630 | 530,7 | 50.1.296.404.630 |
| 320/370 | 318/372 | 630 | 265,0 | 50R.318.372.630* |
| 340/400 | 337/403 | 630 | 343,0 | 50.1.337.403.630 |
| 350/400 | 346/404 | 630 | 305,4 | 50.1.346.404.630 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschneite
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 177–252: 0/-1,5 mm
Ø 262–404: 0/-2,0 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 177–252: 0/+1,5 mm
Ø 262–404: 0/+2,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

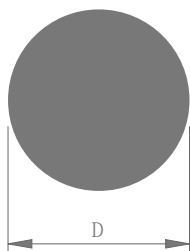
Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 177–252: 0/-1,5 mm
Ø 262–404: 0/-2,0 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 177–252: 0/+1,5 mm
Ø 262–404: 0/+2,0 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rundstangen Round bars

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- vorgedrehte Teile
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

- Ø 11–142: 0/+0,6 mm
- Ø 152–172: 0/+1,0 mm
- Ø 182–252: 0/+1,5 mm
- Ø 302–453: 0/+2,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- pre-turned parts
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:

- Ø 11–142: 0/+0,6 mm
- Ø 152–172: 0/+1,0 mm
- Ø 182–252: 0/+1,5 mm
- Ø 302–453: 0/+2,0 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice

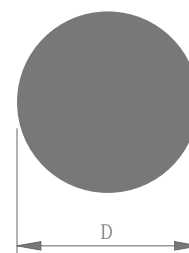
| Fertigmasse Final dimensions [D mm] | Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 10 | 11 | 3000 | 0,9 | 50S.011* |
| 12 | 13 | 630 | 1,2 | 50.2.013.630 |
| 12 | 13 | 3000 | 1,2 | 50.2.013 |
| 14 | 15 | 630 | 1,6 | 50.2.015.630 |
| 14 | 15 | 3000 | 1,6 | 50.2.015 |
| 15 | 16 | 630 | 1,8 | 50.2.016.630 |
| 15 | 16 | 3000 | 1,8 | 50.2.016 |
| 16 | 17 | 630 | 2,1 | 50.2.017.630 |
| 16 | 17 | 3000 | 2,1 | 50.2.017 |
| 18 | 19 | 630 | 2,5 | 50.2.019.630 |
| 18 | 19 | 3000 | 2,5 | 50.2.019 |
| 19 | 20 | 630 | 2,8 | 50.2.020.630 |
| 19 | 20 | 3000 | 2,8 | 50.2.020 |
| 20 | 21 | 630 | 3,1 | 50.2.021.630 |
| 20 | 21 | 3000 | 3,1 | 50.2.021 |
| 22 | 23 | 630 | 3,7 | 50.2.023.630 |
| 22 | 23 | 3000 | 3,7 | 50.2.023 |
| 24 | 25 | 630 | 4,4 | 50.2.025.630 |
| 24 | 25 | 3000 | 4,4 | 50.2.025 |
| 25 | 26 | 630 | 4,8 | 50.2.026.630 |
| 25 | 26 | 3000 | 4,8 | 50.2.026 |
| 27 | 28 | 3000 | 5,5 | 50S.028* |
| 28 | 29 | 630 | 5,9 | 50.2.029.630 |
| 28 | 29 | 3000 | 5,9 | 50.2.029 |
| 29 | 30 | 630 | 6,3 | 50.2.030.630 |
| 29 | 30 | 3000 | 6,3 | 50.2.030 |
| 30 | 31 | 630 | 6,8 | 50.2.031.630 |
| 30 | 31 | 3000 | 6,8 | 50.2.031 |
| 32 | 33 | 630 | 7,6 | 50.2.033.630 |
| 32 | 33 | 3000 | 7,6 | 50.2.033 |
| 34 | 35 | 630 | 8,6 | 50.2.035.630 |
| 34 | 35 | 3000 | 8,6 | 50.2.035 |
| 35 | 36 | 630 | 9,1 | 50.2.036.630 |
| 35 | 36 | 3000 | 9,1 | 50.2.036 |
| 37 | 38 | 630 | 10,1 | 50.2.038.630 |
| 38 | 39 | 3000 | 10,8 | 50S.039* |
| 39 | 40 | 630 | 11,2 | 50.2.040.630 |
| 39 | 40 | 3000 | 11,2 | 50.2.040 |
| 40 | 41 | 630 | 11,8 | 50.2.041.630 |
| 40 | 41 | 3000 | 11,8 | 50.2.041 |
| 42 | 43 | 630 | 13,0 | 50.2.043.630 |
| 42 | 43 | 3000 | 13,0 | 50.2.043 |
| 45 | 46 | 630 | 14,9 | 50.2.046.630 |
| 45 | 46 | 3000 | 14,9 | 50.2.046 |
| 47 | 48 | 630 | 16,2 | 50.2.048.630 |
| 49 | 50 | 630 | 17,6 | 50.2.050.630 |

Looser Bronze 50 (LB 50)

Looser Bronze 50 (LB 50)



| Fertigmasse Final dimensions [D mm] | Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 50 | 51 | 630 | 18,3 | 50.2.051.630 |
| 50 | 51 | 3000 | 18,3 | 50.2.051 |
| 52 | 53 | 630 | 19,7 | 50.2.053.630 |
| 52 | 53 | 3000 | 19,7 | 50.2.053 |
| 55 | 56 | 630 | 22,0 | 50.2.056.630 |
| 55 | 56 | 3000 | 22,0 | 50.2.056 |
| 57 | 58 | 630 | 23,6 | 50.2.058.630 |
| 60 | 61 | 630 | 26,1 | 50.2.061.630 |
| 60 | 61 | 3000 | 26,1 | 50.2.061 |
| 62 | 63 | 630 | 27,9 | 50.2.063.630 |
| 62 | 63 | 3000 | 27,9 | 50.2.063 |
| 65 | 66 | 630 | 30,6 | 50.2.066.630 |
| 65 | 66 | 3000 | 30,6 | 50.2.066 |
| 67 | 68 | 630 | 32,5 | 50.2.068.630 |
| 70 | 71 | 630 | 35,4 | 50.2.071.630 |
| 70 | 71 | 3000 | 35,4 | 50.2.071 |
| 72 | 73 | 630 | 37,4 | 50.2.073.630 |
| 75 | 76 | 630 | 40,6 | 50.2.076.630 |
| 75 | 76 | 3000 | 40,6 | 50S.076* |
| 80 | 81 | 630 | 46,1 | 50.2.081.630 |
| 80 | 81 | 3000 | 46,1 | 50.2.081 |
| 85 | 86 | 630 | 51,9 | 50.2.086.630 |
| 85 | 86 | 3000 | 51,9 | 50S.086* |
| 90 | 91 | 630 | 58,1 | 50.2.091.630 |
| 90 | 91 | 3000 | 58,1 | 50.2.091 |
| 95 | 96 | 630 | 64,7 | 50.2.096.630 |
| 95 | 96 | 3000 | 64,7 | 50.2.096 |
| 100 | 102 | 630 | 73,0 | 50.2.102.630 |
| 100 | 102 | 1000 | 73,0 | 50.2.102.1 |
| 105 | 107 | 630 | 80,4 | 50.2.107.630 |
| 110 | 112 | 630 | 88,1 | 50.2.112.630 |
| 115 | 117 | 630 | 96,1 | 50.2.117.630 |
| 115 | 117 | 1000 | 96,1 | 50.2.117.1 |
| 120 | 122 | 630 | 104,5 | 50.2.122.630 |
| 120 | 122 | 1000 | 104,5 | 50.2.122.1 |
| 125 | 127 | 630 | 113,2 | 50.2.127.630 |
| 125 | 127 | 1000 | 113,2 | 50.2.127.1 |
| 125 | 127 | 3000 | 113,2 | 50S.127* |
| 130 | 132 | 630 | 122,3 | 50.2.132.630 |
| 140 | 142 | 630 | 141,6 | 50.2.142.630 |
| 150 | 152 | 630 | 162,2 | 50.2.152.630 |
| 160 | 162 | 630 | 184,2 | 50.2.162.630 |
| 170 | 172 | 630 | 207,7 | 50.2.172.630 |
| 180 | 182 | 630 | 232,5 | 50.2.182.630 |
| 190 | 192 | 630 | 258,8 | 50.2.192.630 |
| 200 | 202 | 630 | 286,4 | 50.2.202.630 |



Rundstangen Round bars

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- vorge drehte Teile
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

- Ø 11–142: 0/+0,6 mm
- Ø 152–172: 0/+1,0 mm
- Ø 182–252: 0/+1,5 mm
- Ø 302–453: 0/+2,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- pre-turned parts
- ready-to-install parts in accordance with customer drawing

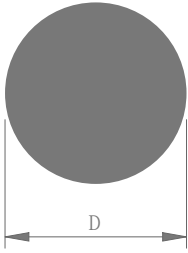
Manufacturing method: continuous casting

Tolerances:

- Ø 11–142: 0/+0,6 mm
- Ø 152–172: 0/+1,0 mm
- Ø 182–252: 0/+1,5 mm
- Ø 302–453: 0/+2,0 mm

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rundstangen
Round bars

| Fertigmasse Final dimensions [D mm] | Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 210 | 212 | 630 | 315,5 | 50.2.212.630 |
| 220 | 222 | 630 | 346,0 | 50.2.222.630 |
| 230 | 232 | 630 | 377,8 | 50.2.232.630 |
| 250 | 252 | 630 | 445,8 | 50.2.252.630 |
| 300 | 302 | 420 | 640,3 | 50.2.302.420 |
| 325 | 328 | 420 | 756,0 | 50.2.328.420 |
| 350 | 353 | 420 | 875,0 | 50.2.353.420 |
| 400 | 403 | 420 | 1140,0 | 50.2.403.420 |
| 450 | 453 | 420 | 1420,0 | 50S.453.420* |

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- vorgedrehte Teile
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

Ø 11–142: 0/+0,6 mm

Ø 152–172: 0/+1,0 mm

Ø 182–252: 0/+1,5 mm

Ø 302–453: 0/+2,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- pre-turned parts
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:

Ø 11–142: 0/+0,6 mm

Ø 152–172: 0/+1,0 mm

Ø 182–252: 0/+1,5 mm

Ø 302–453: 0/+2,0 mm

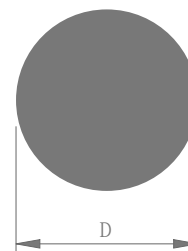
Additional material informations
register 7, pages 3 + 4.

* available at short notice

Looser Bronze 50 (LB 50) Décolletageausführung Looser Bronze 50 (LB 50) Quality for automat turning



| Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|--|-------------------------|--|---------------------------------|
| 8 h8 | 3000 | 0,5 | 50.8.008 |
| 10 h8 | 3000 | 0,7 | 50.8.010 |
| 12 h8 | 3000 | 1,0 | 50.8.012 |
| 14 h8 | 3000 | 1,4 | 50.8.014 |
| 15 h8 | 3000 | 1,6 | 50.8.015 |
| 16 h8 | 3000 | 1,8 | 50.8.016 |
| 18 h8 | 3000 | 2,3 | 50.8.018 |
| 20 h8 | 3000 | 2,8 | 50.8.020 |
| 22 h8 | 3000 | 3,4 | 50.8.022 |
| 24 h8 | 3000 | 4,0 | 50.8.024 |
| 25 h8 | 3000 | 4,4 | 50.8.025 |
| 28 h8 | 3000 | 5,5 | 50.8.028 |
| 30 h8 | 3000 | 6,3 | 50.8.030 |
| 35 h8 | 3000 | 8,6 | 50.8.035 |
| 40 h8 | 3000 | 11,3 | 50.8.040 |
| 50 h8 | 3000 | 17,6 | 50.8.050 |



Rundstangen h8
Round bars h8

Wir liefern zudem:

- Caro Bronze Rundstangen gezogen, Toleranz h10
- andere Abmessungen und Legierungen bis Ø 60 als Décolletageausführung

Herstellart: Strangguss

Ausführung:
gerichtet und zenterless geschliffen auf Toleranz h8, angespitzt und angefast, kurzspanend

Weitere Werkstoffinformationen Register 7, Seiten 3 + 4.

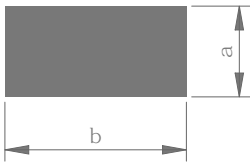
We also supply:

- Caro Bronze round bars drawn, tolerance h10
- other dimensions and alloys up to Ø 60 in quality for automat turning

Manufacturing method: continuous casting

Delivery condition:
straightened and centreless grinding to tolerance h8, sharpened and chamfered, short chipping

Additional material informations register 7, pages 3 + 4.



Kantenprofile Edge profiles

Wir liefern zudem:

- abweichende Längen und Sägezuschnitte sowie Flachstangen im Format bis 212 x 502 x 3000 mm
- andere Legierungen wie Looser Bronze 65, 66 und 68 sowie die Looser Bleibronzen 80, 82
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

-0,5/+1,5 mm pro Fläche

Weitere Werkstoffinformationen Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different lengths and saw cuts as well as flat bars in format up to 212 x 502 x 3000 mm
- different alloys as Looser Bronze 65, 66 und 68 as well as the Looser Lead Bronzes 80, 82
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:

-0,5/+1,5 mm per surface

Additional material informations register 7, pages 3 + 4.

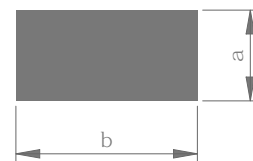
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|------------------------------------|-----------------|------------------------------------|---------------------------------|
| [a x b mm] | [a x b mm] | [mm] | [kg/m] | |
| 10 x 20 | 12 x 22 | 630 | 2,3 | 50.4.012.022.630 |
| 10 x 30 | 12 x 32 | 630 | 3,4 | 50.4.012.032.630 |
| 10 x 30 | 12 x 32 | 3000 | 3,4 | 50.4.012.032 |
| 10 x 40 | 12 x 42 | 630 | 4,4 | 50.4.012.042.630 |
| 10 x 40 | 12 x 42 | 3000 | 4,4 | 50.4.012.042 |
| 10 x 50 | 12 x 52 | 630 | 5,5 | 50.4.012.052.630 |
| 10 x 50 | 12 x 52 | 3000 | 5,5 | 50.4.012.052 |
| 10 x 60 | 12 x 62 | 3000 | 6,5 | 50.4.012.062 |
| 10 x 80 | 12 x 82 | 3000 | 9,5 | 50.4.012.082 |
| 10 x 100 | 12 x 102 | 3000 | 11,8 | 50.4.012.102 |
| 10 x 120 | 13 x 123 | 3000 | 14,2 | 50V.013.123* |
| 12 x 120 | 15 x 123 | 3000 | 16,4 | 50V.015.123* |
| 15 x 20 | 17 x 22 | 630 | 3,3 | 50.4.017.022.630 |
| 15 x 20 | 17 x 22 | 3000 | 3,3 | 50.4.017.022 |
| 15 x 25 | 17 x 27 | 630 | 4,0 | 50.4.017.027.630 |
| 15 x 25 | 17 x 27 | 3000 | 4,0 | 50.4.017.027 |
| 15 x 30 | 17 x 32 | 630 | 4,8 | 50.4.017.032.630 |
| 15 x 30 | 17 x 32 | 3000 | 4,8 | 50.4.017.032 |
| 15 x 35 | 17 x 37 | 630 | 5,5 | 50.4.017.037.630 |
| 15 x 35 | 17 x 37 | 3000 | 5,5 | 50.4.017.037 |
| 15 x 40 | 17 x 42 | 630 | 6,3 | 50.4.017.042.630 |
| 15 x 40 | 17 x 42 | 3000 | 6,3 | 50.4.017.042 |
| 15 x 45 | 17 x 47 | 630 | 7,0 | 50.4.017.047.630 |
| 15 x 45 | 17 x 47 | 3000 | 7,0 | 50.4.017.047 |
| 15 x 50 | 17 x 52 | 630 | 8,3 | 50.4.017.052.630 |
| 15 x 50 | 17 x 52 | 3000 | 8,3 | 50.4.017.052 |
| 15 x 65 | 17 x 67 | 3000 | 10,0 | 50.4.017.067 |
| 15 x 80 | 17 x 82 | 3000 | 14,0 | 50.4.017.082 |
| 20 x 20 | 22 x 22 | 630 | 4,3 | 50.4.022.022.630 |
| 20 x 20 | 22 x 22 | 3000 | 4,3 | 50.4.022.022 |
| 20 x 30 | 22 x 32 | 630 | 6,2 | 50.4.022.032.630 |
| 20 x 30 | 22 x 32 | 3000 | 6,2 | 50.4.022.032 |
| 20 x 35 | 22 x 37 | 630 | 7,2 | 50.4.022.037.630 |
| 20 x 40 | 22 x 42 | 630 | 8,1 | 50.4.022.042.630 |
| 20 x 40 | 22 x 42 | 3000 | 8,1 | 50.4.022.042 |
| 20 x 50 | 22 x 52 | 630 | 10,2 | 50.4.022.052.630 |
| 20 x 50 | 22 x 52 | 3000 | 10,2 | 50.4.022.052 |
| 20 x 60 | 22 x 62 | 630 | 12,2 | 50.4.022.062.630 |
| 20 x 60 | 22 x 62 | 3000 | 12,2 | 50.4.022.062 |
| 20 x 65 | 23 x 67 | 3000 | 13,7 | 50V.023.067* |
| 20 x 80 | 22 x 82 | 3000 | 17,0 | 50.4.022.082 |
| 20 x 100 | 22 x 102 | 3000 | 21,4 | 50.4.022.102 |
| 20 x 120 | 22 x 122 | 3000 | 25,2 | 50.4.022.122 |
| 20 x 140 | 22 x 142 | 3000 | 29,2 | 50.4.022.142 |
| 20 x 160 | 22 x 162 | 3000 | 33,4 | 50.4.022.162 |
| 20 x 200 | 22 x 202 | 1000 | 41,5 | 50.4.022.202.1 |
| 20 x 210 | 23 x 213 | 3000 | 43,6 | 50V.023.213* |

Looser Bronze 50 (LB 50)



| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [a x b mm] | [a x b mm] | [mm] | [kg/m] | |
| 25 x 25 | 27 x 27 | 630 | 6,4 | 50.4.027.027.630 |
| 25 x 25 | 27 x 27 | 3000 | 6,4 | 50V.027.027* |
| 25 x 35 | 27 x 37 | 630 | 8,8 | 50.4.027.037.630 |
| 25 x 35 | 27 x 37 | 3000 | 8,8 | 50.4.027.037 |
| 25 x 40 | 27 x 42 | 630 | 10,0 | 50.4.027.042.630 |
| 25 x 40 | 27 x 42 | 3000 | 10,0 | 50.4.027.042 |
| 25 x 50 | 27 x 52 | 630 | 12,4 | 50.4.027.052.630 |
| 25 x 50 | 27 x 52 | 3000 | 12,4 | 50.4.027.052 |
| 30 x 30 | 32 x 32 | 630 | 9,0 | 50.4.032.032.630 |
| 30 x 30 | 32 x 32 | 3000 | 9,0 | 50.4.032.032 |
| 30 x 40 | 32 x 42 | 630 | 11,8 | 50.4.032.042.630 |
| 30 x 40 | 32 x 42 | 3000 | 11,8 | 50.4.032.042 |
| 30 x 50 | 32 x 52 | 630 | 14,6 | 50.4.032.052.630 |
| 30 x 50 | 32 x 52 | 3000 | 14,6 | 50.4.032.052 |
| 30 x 60 | 32 x 62 | 630 | 17,5 | 50.4.032.062.630 |
| 30 x 60 | 32 x 62 | 3000 | 17,5 | 50.4.032.062 |
| 30 x 65 | 32 x 67 | 3000 | 19,1 | 50.4.032.067 |
| 30 x 70 | 32 x 72 | 630 | 20,3 | 50.4.032.072.630 |
| 30 x 70 | 32 x 72 | 1000 | 20,3 | 50.4.032.072.1 |
| 30 x 80 | 32 x 82 | 630 | 23,1 | 50.4.032.082.630 |
| 30 x 80 | 32 x 82 | 1000 | 23,1 | 50.4.032.082.1 |
| 30 x 80 | 32 x 82 | 3000 | 23,1 | 50V.032.082* |
| 30 x 120 | 32 x 122 | 630 | 34,4 | 50.4.032.122.630 |
| 30 x 120 | 32 x 122 | 1000 | 34,4 | 50.4.032.122.1 |
| 30 x 120 | 32 x 122 | 3000 | 34,4 | 50.4.032.122 |
| 35 x 35 | 37 x 37 | 630 | 12,1 | 50.4.037.037.630 |
| 40 x 40 | 42 x 42 | 630 | 15,5 | 50.4.042.042.630 |
| 40 x 40 | 42 x 42 | 3000 | 15,5 | 50.4.042.042 |
| 40 x 60 | 42 x 62 | 630 | 22,9 | 50.4.042.062.630 |
| 40 x 60 | 42 x 62 | 3000 | 22,9 | 50.4.042.062 |
| 40 x 70 | 42 x 72 | 630 | 26,6 | 50.4.042.072.630 |
| 40 x 70 | 42 x 72 | 3000 | 26,6 | 50V.042.072* |
| 40 x 80 | 42 x 82 | 630 | 30,3 | 50.4.042.082.630 |
| 40 x 80 | 42 x 82 | 1000 | 30,3 | 50.4.042.082.1 |
| 40 x 120 | 42 x 122 | 630 | 45,1 | 50.4.042.122.630 |
| 40 x 120 | 42 x 122 | 1000 | 45,1 | 50.4.042.122.1 |
| 40 x 160 | 43 x 163 | 630 | 62,0 | 50.4.043.163.630 |
| 45 x 45 | 47 x 47 | 630 | 19,4 | 50.4.047.047.630 |
| 50 x 50 | 52 x 52 | 630 | 23,8 | 50.4.052.052.630 |
| 50 x 50 | 52 x 52 | 3000 | 23,8 | 50.4.052.052 |
| 50 x 80 | 52 x 82 | 630 | 37,5 | 50.4.052.082.630 |
| 50 x 80 | 52 x 82 | 1000 | 37,5 | 50.4.052.082.1 |
| 50 x 90 | 52 x 92 | 630 | 42,1 | 50.4.052.092.630 |
| 50 x 90 | 52 x 92 | 1000 | 42,1 | 50.4.052.092.1 |
| 50 x 100 | 52 x 102 | 630 | 46,7 | 50.4.052.102.630 |
| 50 x 150 | 53 x 153 | 630 | 72,2 | 50.4.053.153.630 |
| 55 x 55 | 57 x 57 | 630 | 28,6 | 50.4.057.057.630 |



Kantenprofile Edge profiles

Wir liefern zudem:

- abweichende Längen und Sägezuschnitte sowie Flachstangen im Format bis 212 x 502 x 3000 mm
- andere Legierungen wie Looser Bronze 65, 66 und 68 sowie die Looser Bleibronzen 80, 82
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:
-0,5/+1,5 mm pro Fläche

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

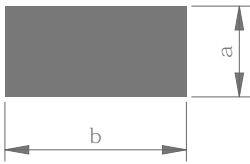
- different lengths and saw cuts as well as flat bars in format up to 212 x 502 x 3000 mm
- different alloys as Looser Bronze 65, 66 und 68 as well as the Looser Lead Bronzes 80, 82
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:
-0,5/+1,5 mm per surface

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Kantenprofile Edge profiles

Wir liefern zudem:

- abweichende Längen und Sägezuschnitte sowie Flachstangen im Format bis 212 x 502 x 3000 mm
- andere Legierungen wie Looser Bronze 65, 66 und 68 sowie die Looser Bleibronzen 80, 82
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

-0,5/+1,5 mm pro Fläche

Weitere Werkstoffinformationen Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

We also supply:

- different lengths and saw cuts as well as flat bars in format up to 212 x 502 x 3000 mm
- different alloys as Looser Bronze 65, 66 und 68 as well as the Looser Lead Bronzes 80, 82
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:

-0,5/+1,5 mm per surface

Additional material informations register 7, pages 3 + 4.

* available at short notice

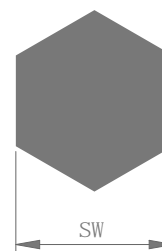
| Fertigmasse Final dimensions [a x b mm] | Liefermasse Delivery dimensions [a x b mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 60 x 60 | 62 x 62 | 630 | 33,8 | 50.4.062.062.630 |
| 60 x 60 | 62 x 62 | 3000 | 33,8 | 50.4.062.062 |
| 60 x 90 | 62 x 92 | 630 | 50,2 | 50.4.062.092.630 |
| 60 x 90 | 62 x 92 | 1000 | 50,2 | 50.4.062.092.1 |
| 60 x 120 | 62 x 122 | 630 | 66,6 | 50.4.062.122.630 |
| 60 x 120 | 62 x 122 | 1000 | 66,6 | 50.4.062.122.1 |
| 65 x 65 | 67 x 67 | 630 | 39,5 | 50.4.067.067.630 |
| 65 x 65 | 67 x 67 | 1000 | 39,5 | 50.4.067.067.1 |
| 70 x 70 | 72 x 72 | 630 | 46,9 | 50.4.072.072.630 |
| 75 x 75 | 77 x 77 | 630 | 53,5 | 50.4.077.077.630 |
| 75 x 75 | 77 x 77 | 1000 | 53,5 | 50.4.077.077.1 |
| 80 x 80 | 82 x 82 | 630 | 60,6 | 50.4.082.082.630 |
| 80 x 80 | 82 x 82 | 1000 | 60,6 | 50.4.082.082.1 |
| 80 x 120 | 82 x 122 | 630 | 88,0 | 50.4.082.122.630 |
| 80 x 120 | 82 x 122 | 1000 | 88,0 | 50.4.082.122.1 |
| 90 x 90 | 92 x 92 | 630 | 76,1 | 50.4.092.092.630 |
| 90 x 90 | 92 x 92 | 1000 | 76,1 | 50.4.092.092.1 |
| 100 x 100 | 102 x 102 | 630 | 93,4 | 50.4.102.102.630 |
| 100 x 100 | 102 x 102 | 1000 | 93,4 | 50.4.102.102.1 |
| 110 x 110 | 112 x 112 | 630 | 112,4 | 50.4.112.112.630 |
| 120 x 120 | 124 x 124 | 630 | 134,0 | 50.4.124.124.630 |
| 210 x 210 | 212 x 212 | 630 | 400,0 | 50V.212.212.630* |
| 250 x 250 | 255 x 255 | 630 | 578,7 | 50V.255.255.630* |

Looser Bronze 50 (LB 50)

Looser Bronze 50 (LB 50)



| Liefermasse Delivery dimensions [SW mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|-------------------------|--|---------------------------------|
| 22 | 3000 | 3,7 | 50H.022* |
| 24 | 3000 | 4,5 | 50.6.024 |
| 27 | 3000 | 5,6 | 50.6.027 |
| 32 | 3000 | 7,9 | 50.6.032 |
| 36 | 3000 | 10,0 | 50H.036* |
| 42 | 3000 | 13,7 | 50H.042* |
| 50 | 3000 | 19,3 | 50H.050* |
| 55 | 3000 | 22,9 | 50H.055* |
| 60 | 3000 | 27,4 | 50H.060* |
| 65 | 3000 | 32,2 | 50H.065* |



Sechskantstangen Hexagonal bars

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- Sechskantstangen in Caro Bronze und Looser Aluminiumbronze 75
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Weitere Werkstoffinformationen
Register 7, Seiten 3 + 4.

* kurzfristig lieferbar

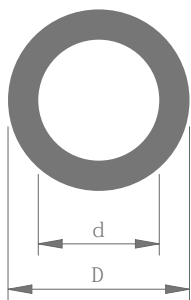
We also supply:

- different dimensions and saw cuts
- Hexagonal bars in Caro Bronze and Looser Aluminium Bronze 75
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Additional material informations
register 7, pages 3 + 4.

* available at short notice



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 31–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 31–142: 0/+0,6 mm

Weitere Werkstoffinformationen Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 31–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 31–142: 0/+0,6 mm

Additional material informations register 7, pages 7 + 8.

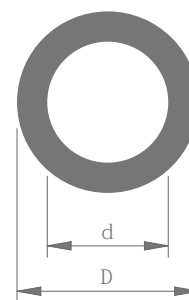
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|---------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 15/30 | 14/31 | 630 | 5,4 | 65.1.014.031.630 |
| 15/30 | 14/31 | 3000 | 5,4 | 65R.014.031* |
| 15/40 | 14/41 | 630 | 10,4 | 65.1.014.041.630 |
| 20/30 | 18/31 | 3000 | 4,5 | 65R.018.031* |
| 20/32 | 19/33 | 630 | 5,1 | 65.1.019.033.630 |
| 20/35 | 19/36 | 630 | 6,6 | 65.1.019.036.630 |
| 20/40 | 19/41 | 630 | 9,3 | 65.1.019.041.630 |
| 20/45 | 19/46 | 630 | 12,3 | 65.1.019.046.630 |
| 20/50 | 19/51 | 630 | 15,7 | 65.1.019.051.630 |
| 20/55 | 19/56 | 630 | 19,5 | 65.1.019.056.630 |
| 20/60 | 19/61 | 630 | 23,6 | 65.1.019.061.630 |
| 25/35 | 24/36 | 630 | 5,1 | 65.1.024.036.630 |
| 25/40 | 24/41 | 630 | 7,8 | 65.1.024.041.630 |
| 25/40 | 24/41 | 3000 | 7,8 | 65R.024.041* |
| 25/45 | 24/46 | 630 | 10,8 | 65.1.024.046.630 |
| 25/50 | 24/51 | 630 | 14,2 | 65.1.024.051.630 |
| 25/60 | 24/61 | 630 | 22,1 | 65.1.024.061.630 |
| 25/65 | 24/66 | 630 | 26,6 | 65.1.024.066.630 |
| 25/80 | 23/81 | 630 | 42,3 | 65.1.023.081.630 |
| 30/40 | 29/41 | 630 | 5,9 | 65.1.029.041.630 |
| 30/45 | 29/46 | 630 | 9,0 | 65.1.029.046.630 |
| 30/50 | 29/51 | 630 | 12,4 | 65.1.029.051.630 |
| 30/50 | 29/51 | 3000 | 12,4 | 65R.029.051* |
| 30/55 | 29/56 | 630 | 16,1 | 65.1.029.056.630 |
| 30/60 | 29/61 | 630 | 20,2 | 65.1.029.061.630 |
| 30/60 | 29/61 | 3000 | 20,2 | 65R.029.061* |
| 30/65 | 29/66 | 630 | 24,7 | 65.1.029.066.630 |
| 30/70 | 28/71 | 630 | 29,9 | 65.1.028.071.630 |
| 30/75 | 28/76 | 3000 | 35,0 | 65.1.028.076 |
| 30/80 | 28/81 | 630 | 40,6 | 65.1.028.081.630 |
| 30/90 | 28/91 | 630 | 52,6 | 65.1.028.091.630 |
| 30/100 | 28/102 | 630 | 67,5 | 65.1.028.102.630 |
| 35/45 | 34/46 | 630 | 6,8 | 65.1.034.046.630 |
| 35/50 | 34/51 | 630 | 10,2 | 65.1.034.051.630 |
| 35/50 | 34/51 | 3000 | 10,2 | 65R.034.051* |
| 35/60 | 34/61 | 630 | 18,0 | 65.1.034.061.630 |
| 35/60 | 34/61 | 3000 | 18,0 | 65R.034.061* |
| 35/90 | 33/91 | 630 | 50,5 | 65.1.033.091.630 |
| 40/50 | 39/51 | 630 | 7,7 | 65.1.039.051.630 |
| 40/50 | 39/51 | 1000 | 7,7 | 65.1.039.051.1 |
| 40/55 | 39/56 | 630 | 11,5 | 65.1.039.056.630 |
| 40/60 | 39/61 | 630 | 15,6 | 65.1.039.061.630 |
| 40/65 | 38/66 | 630 | 20,0 | 65.1.038.066.630 |
| 40/70 | 38/71 | 630 | 25,3 | 65.1.038.071.630 |
| 40/80 | 38/81 | 630 | 35,9 | 65.1.038.081.630 |
| 40/90 | 38/91 | 630 | 48,0 | 65.1.038.091.630 |
| 40/90 | 38/91 | 3000 | 48,0 | 65R.038.091* |

Looser Bronze 65 (LB 65) Looser Bronze 65 (LB 65)



| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 40/100 | 38/102 | 630 | 62,9 | 65.1.038.102.630 |
| 40/110 | 38/112 | 630 | 77,9 | 65.1.038.112.630 |
| 45/60 | 44/61 | 630 | 12,6 | 65.1.044.061.630 |
| 45/65 | 43/66 | 630 | 17,0 | 65.1.043.066.630 |
| 45/70 | 43/71 | 630 | 22,4 | 65.1.043.071.630 |
| 45/75 | 43/77 | 3000 | 28,3 | 65R.043.077* |
| 45/85 | 43/86 | 630 | 38,9 | 65.1.043.086.630 |
| 50/60 | 49/61 | 630 | 9,5 | 65.1.049.061.630 |
| 50/70 | 48/71 | 630 | 19,2 | 65.1.048.071.630 |
| 50/72 | 48/73 | 630 | 21,2 | 65.1.048.073.630 |
| 50/80 | 48/81 | 630 | 29,9 | 65.1.048.081.630 |
| 50/90 | 48/91 | 630 | 42,0 | 65.1.048.091.630 |
| 50/95 | 48/96 | 630 | 48,5 | 65.1.048.096.630 |
| 50/100 | 48/102 | 630 | 56,9 | 65.1.048.102.630 |
| 50/110 | 48/112 | 630 | 71,9 | 65.1.048.112.630 |
| 50/120 | 48/122 | 630 | 88,3 | 65.1.048.122.630 |
| 50/170 | 48/172 | 630 | 190,0 | 65R.048.172.630* |
| 60/70 | 58/71 | 630 | 11,8 | 65.1.058.071.630 |
| 60/80 | 58/81 | 630 | 22,4 | 65.1.058.081.630 |
| 60/80 | 58/81 | 3000 | 22,4 | 65.1.058.081 |
| 60/90 | 58/91 | 630 | 34,5 | 65.1.058.091.630 |
| 60/95 | 58/96 | 630 | 41,1 | 65.1.058.096.630 |
| 60/100 | 58/102 | 630 | 49,4 | 65.1.058.102.630 |
| 60/110 | 58/112 | 630 | 64,4 | 65.1.058.112.630 |
| 60/120 | 58/122 | 1000 | 80,9 | 65.1.058.122.1 |
| 60/140 | 58/142 | 630 | 117,9 | 65.1.058.142.630 |
| 60/150 | 58/152 | 630 | 138,6 | 65.1.058.152.630 |
| 60/150 | 58/152 | 3000 | 138,6 | 65R.058.152* |
| 65/105 | 63/107 | 630 | 52,5 | 65.1.063.107.630 |
| 65/125 | 63/127 | 630 | 85,4 | 65.1.063.127.630 |
| 70/90 | 68/91 | 630 | 25,7 | 65.1.068.091.630 |
| 70/100 | 68/102 | 630 | 40,6 | 65.1.068.102.630 |
| 70/120 | 68/122 | 630 | 72,0 | 65.1.068.122.630 |
| 70/130 | 68/132 | 630 | 89,9 | 65.1.068.132.630 |
| 70/170 | 68/172 | 630 | 175,2 | 65.1.068.172.630 |
| 75/105 | 73/107 | 630 | 43,0 | 65.1.073.107.630 |
| 75/115 | 73/117 | 630 | 58,7 | 65.1.073.117.630 |
| 80/95 | 78/97 | 630 | 23,4 | 65.1.078.097.630 |
| 80/100 | 78/102 | 630 | 30,3 | 65.1.078.102.630 |
| 80/110 | 78/112 | 630 | 45,3 | 65.1.078.112.630 |
| 80/110 | 78/112 | 1000 | 45,3 | 65.1.078.112.1 |
| 80/120 | 78/122 | 630 | 61,8 | 65.1.078.122.630 |
| 80/140 | 78/142 | 630 | 98,8 | 65.1.078.142.630 |
| 80/180 | 78/182 | 630 | 189,8 | 65.1.078.182.630 |
| 90/120 | 88/122 | 630 | 50,1 | 65.1.088.122.630 |
| 90/120 | 88/122 | 1000 | 50,1 | 65.1.088.122.1 |
| 90/130 | 88/132 | 630 | 68,0 | 65.1.088.132.630 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)
Ø 31–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)
Ø 31–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm

Weitere Werkstoffinformationen Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

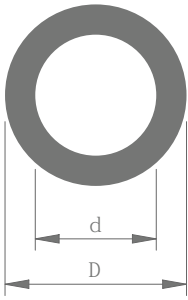
Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)
Ø 31–61: 0/-0,6 mm
Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm

Tolerances outside:
(in dependence on outside-Ø)
Ø 31–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm

Additional material informations register 7, pages 7 + 8.

* available at short notice



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:
(in Abhängigkeit vom Aussen-Ø)

Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm
Ø 262–404: 0/-2,0 mm

Toleranzen aussen:
(in Abhängigkeit vom Aussen-Ø)

Ø 31–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm
Ø 262–404: 0/+2,0 mm

Weitere Werkstoffinformationen Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different dimensions and and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:
(in dependence on outside-Ø)

Ø 63–172: 0/-1,2 mm
Ø 177–252: 0/-1,5 mm
Ø 262–404: 0/-2,0 mm

Tolerances outside:
(in dependence on outside-Ø)

Ø 31–142: 0/+0,6 mm
Ø 147–172: 0/+1,0 mm
Ø 177–252: 0/+1,5 mm
Ø 262–404: 0/+2,0 mm

Additional material informations register 7, pages 7 + 8.

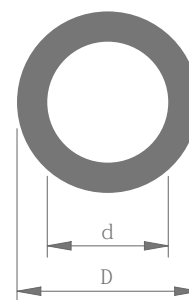
* available at short notice

| Fertigmasse Final dimensions | Liefermasse Delivery dimensions | Länge Length | Gewicht Weight ca. / approx. | Artikelnummer Article number |
|---------------------------------|------------------------------------|-----------------|------------------------------------|---------------------------------|
| [d/D mm] | [d/D mm] | [mm] | [kg/m] | |
| 90/140 | 88/142 | 630 | 87,2 | 65.1.088.142.630 |
| 90/150 | 88/152 | 630 | 107,8 | 65.1.088.152.630 |
| 90/160 | 88/162 | 630 | 129,9 | 65.1.088.162.630 |
| 90/170 | 88/172 | 630 | 153,3 | 65R.088.172.630* |
| 90/180 | 88/182 | 630 | 178,2 | 65.1.088.182.630 |
| 95/135 | 93/137 | 630 | 71,0 | 65.1.093.137.630 |
| 100/120 | 98/122 | 630 | 37,1 | 65.1.098.122.630 |
| 100/120 | 98/122 | 1000 | 37,1 | 65.1.098.122.1 |
| 100/130 | 98/132 | 630 | 54,9 | 65.1.098.132.630 |
| 100/140 | 98/142 | 630 | 74,1 | 65.1.098.142.630 |
| 100/150 | 98/152 | 630 | 94,8 | 65.1.098.152.630 |
| 100/160 | 98/162 | 630 | 116,8 | 65.1.098.162.630 |
| 100/170 | 98/172 | 630 | 140,3 | 65.1.098.172.630 |
| 100/190 | 98/192 | 630 | 192,4 | 65R.098.192.630* |
| 100/200 | 98/202 | 630 | 219,0 | 65.1.098.202.630 |
| 100/220 | 98/222 | 630 | 278,6 | 65R.098.222.630* |
| 110/150 | 108/152 | 630 | 80,3 | 65R.108.152.630* |
| 110/170 | 108/172 | 630 | 125,8 | 65R.108.172.630* |
| 110/180 | 108/182 | 630 | 150,7 | 65R.108.182.630* |
| 120/140 | 118/142 | 630 | 43,8 | 65R.118.142.630* |
| 120/150 | 118/152 | 630 | 64,4 | 65.1.118.152.630 |
| 120/150 | 118/152 | 1000 | 64,4 | 65.1.118.152.1 |
| 120/160 | 118/162 | 630 | 86,5 | 65R.118.162.630* |
| 120/170 | 118/172 | 630 | 109,9 | 65.1.118.172.630 |
| 120/180 | 118/182 | 630 | 134,8 | 65R.118.182.630* |
| 120/190 | 118/192 | 630 | 160,3 | 65.1.118.192.630 |
| 120/200 | 118/202 | 630 | 188,7 | 65R.118.202.630* |
| 130/150 | 128/152 | 630 | 47,2 | 65R.128.152.630* |
| 130/180 | 128/182 | 1000 | 117,5 | 65.1.128.182.1 |
| 130/270 | 128/272 | 630 | 402,6 | 65R.128.272.630* |
| 140/170 | 138/172 | 630 | 74,0 | 65R.138.172.630* |
| 140/180 | 138/182 | 630 | 98,8 | 65.1.138.182.630 |
| 140/200 | 138/202 | 630 | 152,8 | 65.1.138.202.630 |
| 140/230 | 138/232 | 630 | 244,0 | 65R.138.232.630* |
| 150/170 | 148/172 | 630 | 53,9 | 65R.148.172.630* |
| 150/200 | 148/202 | 630 | 132,7 | 65.1.148.202.630 |
| 150/210 | 148/212 | 630 | 163,0 | 65.1.148.212.630 |
| 150/230 | 148/232 | 630 | 224,0 | 65.1.148.232.630 |
| 150/250 | 148/252 | 630 | 292,0 | 65R.148.252.630* |
| 150/300 | 146/304 | 630 | 499,2 | 65.1.146.304.630 |
| 160/200 | 158/202 | 630 | 111,2 | 65R.158.202.630* |
| 160/220 | 158/222 | 630 | 170,5 | 65.1.158.222.630 |
| 160/240 | 158/242 | 630 | 235,0 | 65R.158.242.630* |
| 170/190 | 168/192 | 630 | 61,0 | 65R.168.192.630* |
| 170/200 | 168/202 | 630 | 88,0 | 65R.168.202.630* |
| 170/210 | 168/212 | 630 | 117,4 | 65.1.168.212.630 |
| 170/230 | 168/232 | 630 | 179,7 | 65.1.168.232.630 |

Looser Bronze 65 (LB 65) Looser Bronze 65 (LB 65)



| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 170/270 | 168/272 | 630 | 321,0 | 65.1.168.272.630 |
| 180/210 | 178/212 | 630 | 93,1 | 65R.178.212.630* |
| 180/230 | 178/232 | 630 | 155,4 | 65R.178.232.630* |
| 180/250 | 178/252 | 630 | 223,4 | 65R.178.252.630* |
| 180/280 | 178/282 | 630 | 335,0 | 65R.178.282.630* |
| 190/220 | 188/222 | 630 | 97,9 | 65R.188.222.630* |
| 190/240 | 188/242 | 630 | 163,0 | 65.1.188.242.630 |
| 195/230 | 192/232 | 630 | 118,6 | 65R.192.232.630* |
| 200/250 | 198/252 | 630 | 170,6 | 65.1.198.252.630 |
| 200/300 | 198/302 | 630 | 365,0 | 65.1.198.302.630 |
| 200/350 | 196/354 | 630 | 610,0 | 65.1.196.354.630 |
| 220/270 | 218/272 | 630 | 185,8 | 65R.218.272.630* |
| 230/310 | 228/312 | 630 | 320,0 | 65R.228.312.630* |
| 285/375 | 282/378 | 630 | 445,0 | 65R.282.378.630* |
| 300/400 | 296/404 | 630 | 530,7 | 65.1.296.404.630 |



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Toleranzen innen:

(in Abhängigkeit vom Aussen-Ø)

Ø 177–252: 0/-1,5 mm

Ø 262–404: 0/-2,0 mm

Toleranzen aussen:

(in Abhängigkeit vom Aussen-Ø)

Ø 177–252: 0/+1,5 mm

Ø 262–404: 0/+2,0 mm

Weitere Werkstoffinformationen
Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different dimensions and and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Tolerances inside:

(in dependence on outside-Ø)

Ø 177–252: 0/-1,5 mm

Ø 262–404: 0/-2,0 mm

Tolerances outside:

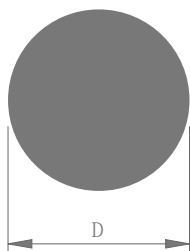
(in dependence on outside-Ø)

Ø 177–252: 0/+1,5 mm

Ø 262–404: 0/+2,0 mm

Additional material informations
register 7, pages 7 + 8.

* available at short notice



Rundstangen Round bars

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- vorgedrehte Teile
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

- Ø 13–142: 0/+0,6 mm
- Ø 152–172: 0/+1,0 mm
- Ø 182–252: 0/+1,5 mm
- Ø 302–453: 0/+2,0 mm

Weitere Werkstoffinformationen Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- pre-turned parts
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:

- Ø 13–142: 0/+0,6 mm
- Ø 152–172: 0/+1,0 mm
- Ø 182–252: 0/+1,5 mm
- Ø 302–453: 0/+2,0 mm

Additional material informations register 7, pages 7 + 8.

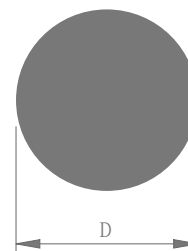
* available at short notice

| Fertigmasse Final dimensions [D mm] | Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 12 | 13 | 630 | 1,2 | 65.2.013.630 |
| 12 | 13 | 3000 | 1,2 | 65.2.013 |
| 14 | 15 | 630 | 1,6 | 65.2.015.630 |
| 14 | 15 | 3000 | 1,6 | 65.2.015 |
| 16 | 17 | 630 | 2,1 | 65.2.017.630 |
| 16 | 17 | 3000 | 2,1 | 65.2.017 |
| 18 | 19 | 630 | 2,5 | 65.2.019.630 |
| 18 | 19 | 3000 | 2,5 | 65.2.019 |
| 20 | 21 | 630 | 3,1 | 65.2.021.630 |
| 20 | 21 | 3000 | 3,1 | 65.2.021 |
| 22 | 23 | 630 | 3,7 | 65.2.023.630 |
| 22 | 23 | 3000 | 3,7 | 65.2.023 |
| 25 | 26 | 630 | 4,8 | 65.2.026.630 |
| 25 | 26 | 3000 | 4,8 | 65.2.026 |
| 27 | 28 | 3000 | 5,5 | 65.2.028 |
| 28 | 29 | 3000 | 5,9 | 65.2.029 |
| 30 | 31 | 630 | 6,8 | 65.2.031.630 |
| 30 | 31 | 3000 | 6,8 | 65.2.031 |
| 32 | 33 | 630 | 7,6 | 65.2.033.630 |
| 32 | 33 | 3000 | 7,6 | 65.2.033 |
| 35 | 36 | 630 | 9,1 | 65.2.036.630 |
| 35 | 36 | 3000 | 9,1 | 65.2.036 |
| 38 | 39 | 3000 | 10,8 | 65.2.039 |
| 40 | 41 | 630 | 11,8 | 65.2.041.630 |
| 40 | 41 | 3000 | 11,8 | 65.2.041 |
| 42 | 43 | 630 | 13,0 | 65.2.043.630 |
| 45 | 46 | 630 | 14,9 | 65.2.046.630 |
| 45 | 46 | 3000 | 14,9 | 65.2.046 |
| 50 | 51 | 630 | 18,3 | 65.2.051.630 |
| 50 | 51 | 3000 | 18,3 | 65.2.051 |
| 52 | 53 | 630 | 19,7 | 65.2.053.630 |
| 55 | 56 | 630 | 22,0 | 65.2.056.630 |
| 55 | 56 | 3000 | 22,0 | 65.2.056 |
| 60 | 61 | 630 | 26,1 | 65.2.061.630 |
| 60 | 61 | 3000 | 26,1 | 65.2.061 |
| 65 | 66 | 630 | 30,6 | 65.2.066.630 |
| 65 | 66 | 3000 | 30,6 | 65.2.066 |
| 70 | 71 | 630 | 35,4 | 65.2.071.630 |
| 70 | 71 | 3000 | 35,4 | 65.2.071 |
| 72 | 73 | 3000 | 37,4 | 65S.073* |
| 75 | 76 | 630 | 40,6 | 65.2.076.630 |
| 75 | 76 | 3000 | 40,6 | 65S.076* |
| 80 | 81 | 630 | 46,1 | 65.2.081.630 |
| 80 | 81 | 1000 | 46,1 | 65.2.081.1 |
| 85 | 86 | 630 | 51,9 | 65.2.086.630 |
| 85 | 86 | 1000 | 51,9 | 65.2.086.1 |

Looser Bronze 65 (LB 65) Looser Bronze 65 (LB 65)



| Fertigmasse Final dimensions [D mm] | Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 90 | 91 | 630 | 58,1 | 65.2.091.630 |
| 90 | 91 | 1000 | 58,1 | 65.2.091.1 |
| 95 | 96 | 630 | 64,7 | 65.2.096.630 |
| 95 | 96 | 3000 | 64,7 | 65S.096* |
| 100 | 102 | 630 | 73,0 | 65.2.102.630 |
| 100 | 102 | 1000 | 73,0 | 65.2.102.1 |
| 105 | 107 | 630 | 80,4 | 65.2.107.630 |
| 105 | 107 | 1000 | 80,4 | 65.2.107.1 |
| 110 | 112 | 630 | 88,1 | 65.2.112.630 |
| 110 | 112 | 1000 | 88,1 | 65.2.112.1 |
| 115 | 117 | 630 | 96,1 | 65.2.117.630 |
| 115 | 117 | 1000 | 96,1 | 65.2.117.1 |
| 120 | 122 | 630 | 104,5 | 65.2.122.630 |
| 120 | 122 | 1000 | 104,5 | 65.2.122.1 |
| 125 | 127 | 630 | 113,2 | 65.2.127.630 |
| 125 | 127 | 1000 | 113,2 | 65.2.127.1 |
| 130 | 132 | 630 | 122,3 | 65.2.132.630 |
| 130 | 132 | 1000 | 122,3 | 65.2.132.1 |
| 140 | 142 | 630 | 141,6 | 65.2.142.630 |
| 140 | 142 | 1000 | 141,6 | 65.2.142.1 |
| 150 | 152 | 630 | 162,2 | 65.2.152.630 |
| 160 | 162 | 630 | 184,2 | 65.2.162.630 |
| 160 | 162 | 1000 | 184,2 | 65.2.162.1 |
| 180 | 182 | 630 | 232,5 | 65.2.182.630 |
| 200 | 202 | 630 | 286,4 | 65.2.202.630 |
| 250 | 252 | 630 | 445,8 | 65.2.252.630 |
| 300 | 302 | 420 | 640,3 | 65.2.302.420 |
| 350 | 353 | 420 | 875,0 | 65.2.353.420 |
| 400 | 403 | 420 | 1140,0 | 65.2.403.420 |
| 450 | 453 | 420 | 1420,0 | 65S.453.420* |



Rundstangen Round bars

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- vorgedrehte Teile
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

Ø 13–142: 0/+0,6 mm
 Ø 152–172: 0/+1,0 mm
 Ø 182–252: 0/+1,5 mm
 Ø 302–453: 0/+2,0 mm

Weitere Werkstoffinformationen
 Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different dimensions and saw cuts
- pre-turned parts
- ready-to-install parts in accordance with customer drawing

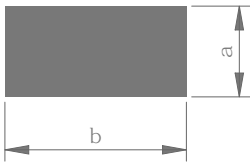
Manufacturing method: continuous casting

Tolerances:

Ø 13–142: 0/+0,6 mm
 Ø 152–172: 0/+1,0 mm
 Ø 182–252: 0/+1,5 mm
 Ø 302–453: 0/+2,0 mm

Additional material informations
 register 7, pages 7 + 8.

* available at short notice



Kantenprofile Edge profiles

Wir liefern zudem:

- abweichende Längen und Sägezuschnitte sowie Flachstangen im Format bis 212 x 502 x 3000 mm
- andere Legierungen wie Looser Bronze 50, 66 und 68 sowie die Looser Bleibronzen 80, 82
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strangguss

Toleranzen:

-0,5/+1,5 mm pro Fläche

Weitere Werkstoffinformationen Register 7, Seiten 7 + 8.

* kurzfristig lieferbar

We also supply:

- different lengths and saw cuts as well as flat bars in format up to 212 x 502 x 3000 mm
- different alloys as Looser Bronze 65, 66 und 68 as well as the Looser Lead Bronzes 80, 82
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous casting

Tolerances:

-0,5/+1,5 mm per surface

Additional material informations register 7, pages 7 + 8.

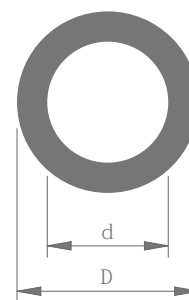
* available at short notice

| Fertigmasse Cotes de finition [a x b mm] | Liefermasse Cotes de livraison [a x b mm] | Länge Longueur [mm] | Gewicht Poids ca [kg/m] | Artikelnummer Numéro d'article |
|---|--|---------------------------|-------------------------------|-----------------------------------|
| 10 x 20 | 12 x 22 | 3000 | 2,3 | 65V.012.022* |
| 10 x 30 | 12 x 32 | 3000 | 3,4 | 65V.012.032* |
| 10 x 40 | 12 x 42 | 3000 | 4,4 | 65V.012.042* |
| 10 x 50 | 12 x 52 | 3000 | 5,5 | 65.4.012.052 |
| 10 x 60 | 12 x 62 | 3000 | 6,5 | 65V.012.062* |
| 10 x 80 | 12 x 82 | 3000 | 9,5 | 65V.012.082* |
| 10 x 100 | 12 x 102 | 3000 | 11,8 | 65.4.012.102 |
| 10 x 120 | 13 x 123 | 3000 | 14,2 | 65V.013.123* |
| 20 x 20 | 22 x 22 | 3000 | 4,3 | 65V.022.022* |
| 20 x 30 | 22 x 32 | 3000 | 6,2 | 65V.022.032* |
| 20 x 40 | 22 x 42 | 3000 | 8,1 | 65V.022.042* |
| 20 x 50 | 22 x 52 | 3000 | 10,2 | 65.4.022.052 |
| 20 x 60 | 22 x 62 | 3000 | 12,2 | 65V.022.062* |
| 20 x 80 | 22 x 82 | 3000 | 17,0 | 65.4.022.082 |
| 20 x 100 | 22 x 102 | 3000 | 21,4 | 65.4.022.102 |
| 20 x 120 | 22 x 122 | 3000 | 25,2 | 65V.022.122* |
| 20 x 140 | 22 x 142 | 3000 | 29,2 | 65V.022.142* |
| 20 x 160 | 22 x 162 | 3000 | 33,4 | 65V.022.162* |
| 20 x 200 | 22 x 202 | 3000 | 41,5 | 65V.022.202* |
| 30 x 30 | 32 x 32 | 3000 | 9,0 | 65.4.032.032 |
| 30 x 40 | 32 x 42 | 3000 | 11,8 | 65V.032.042* |
| 30 x 50 | 32 x 52 | 3000 | 14,6 | 65V.032.052* |
| 30 x 80 | 32 x 82 | 3000 | 23,1 | 65V.032.082* |
| 30 x 120 | 32 x 122 | 3000 | 34,4 | 65V.032.122* |
| 40 x 40 | 42 x 42 | 3000 | 15,5 | 65.4.042.042 |
| 40 x 60 | 42 x 62 | 630 | 22,9 | 65V.042.062.630* |
| 40 x 60 | 42 x 62 | 3000 | 22,9 | 65V.042.062* |
| 40 x 80 | 42 x 82 | 3000 | 30,3 | 65V.042.082* |
| 40 x 120 | 42 x 122 | 3000 | 45,1 | 65V.042.122* |
| 40 x 160 | 43 x 163 | 1000 | 62,0 | 65V.043.163.1* |
| 50 x 50 | 52 x 52 | 3000 | 23,8 | 65.4.052.052 |
| 50 x 80 | 52 x 82 | 1000 | 37,5 | 65V.052.082.1* |
| 50 x 100 | 52 x 102 | 1000 | 46,7 | 65V.052.102.1* |
| 50 x 150 | 53 x 153 | 1000 | 72,2 | 65V.053.153.1* |
| 60 x 60 | 62 x 62 | 1000 | 33,8 | 65.4.062.062.1 |
| 60 x 90 | 62 x 92 | 1000 | 50,2 | 65V.062.092.1* |
| 60 x 120 | 62 x 122 | 1000 | 66,6 | 65V.062.122.1* |
| 70 x 70 | 72 x 72 | 1000 | 46,9 | 65.4.072.072.1 |
| 80 x 80 | 82 x 82 | 1000 | 60,6 | 65.4.082.082.1 |
| 80 x 120 | 82 x 122 | 1000 | 88,0 | 65V.082.122.1* |
| 90 x 90 | 92 x 92 | 1000 | 76,1 | 65V.092.092.1* |
| 100 x 100 | 102 x 102 | 630 | 93,4 | 65.4.102.102.630 |
| 100 x 100 | 102 x 102 | 1000 | 93,4 | 65.4.102.102.1 |
| 120 x 120 | 124 x 124 | 1000 | 134,0 | 65V.124.124.1* |
| 210 x 210 | 212 x 212 | 1000 | 400,0 | 65V.212.212.1* |
| 250 x 250 | 255 x 255 | 1000 | 578,7 | 65V.255.255.1* |

Looser Bronze 68 (LB 68) Looser Bronze 68 (LB 68)

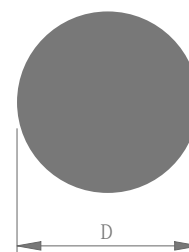


| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 20/50 | 18/51 | 2000 | 15,8 | 68R.018.051.2* |
| 30/70 | 28/72 | 2000 | 30,4 | 68R.028.072.2* |
| 40/100 | 38/102 | 2000 | 62,9 | 68R.038.102.2* |
| 45/60 | 43/62 | 2000 | 13,8 | 68R.043.062.2* |
| 50/60 | 48/62 | 2000 | 10,6 | 68R.048.062.2* |
| 60/100 | 58/102 | 2000 | 49,4 | 68R.058.102.2* |
| 60/110 | 58/112 | 2000 | 64,4 | 68R.058.112.2* |



Rohre
Tubes

| Fertigmasse Final dimensions [D mm] | Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 30 | 31 | 2000 | 6,8 | 68S.031.2* |
| 40 | 41 | 2000 | 11,8 | 68S.041.2* |
| 50 | 51 | 2000 | 18,3 | 68S.051.2* |
| 55 | 56 | 2000 | 22,0 | 68S.056.2* |
| 60 | 61 | 2000 | 26,1 | 68S.061.2* |
| 65 | 66 | 2000 | 30,6 | 68S.066.2* |
| 70 | 71 | 2000 | 35,4 | 68S.071.2* |
| 80 | 81 | 2000 | 46,1 | 68S.081.2* |
| 85 | 86 | 2000 | 51,9 | 68S.086.2* |
| 90 | 91 | 2000 | 58,1 | 68S.091.2* |
| 100 | 102 | 2000 | 73,0 | 68S.102.2* |
| 110 | 112 | 2000 | 88,1 | 68S.112.2* |
| 120 | 122 | 2000 | 104,5 | 68S.122.2* |
| 130 | 132 | 2000 | 122,3 | 68S.132.2* |
| 140 | 142 | 1000 | 141,6 | 68S.142.1* |
| 150 | 152 | 1000 | 162,2 | 68S.152.1* |
| 160 | 163 | 1000 | 185,9 | 68S.163.1* |
| 170 | 173 | 1000 | 209,4 | 68S.173.1* |
| 180 | 183 | 1000 | 234,0 | 68S.183.1* |
| 190 | 193 | 1000 | 260,6 | 68S.193.1* |
| 200 | 203 | 1000 | 290,5 | 68S.203.1* |
| 225 | 228 | 1000 | 363,7 | 68S.228.1* |
| 250 | 253 | 1000 | 449,4 | 68S.253.1* |
| 275 | 278 | 1000 | 541,0 | 68S.278.1* |
| 325 | 328 | 1000 | 756,0 | 68S.328.1* |
| 350 | 353 | 1000 | 875,0 | 68S.353.1* |



Rundstangen
Round bars

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- geschleuderte Ringe und Flanschbüchsen auf Rohmasse oder Konturen vorgedreht bis max. Ø 2500 mm
- einbaufertige Teile gemäss Zeichnung

Herstellart: Strang- oder Schleuderguss

Weitere Werkstoffinformationen Register 7, Seiten 11 + 12.

* kurzfristig lieferbar

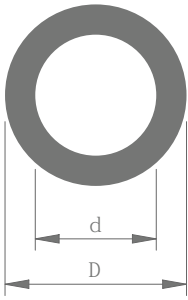
We also supply:

- different dimensions and saw cuts
- centrifuged rings and flange bushings pre-turned to the rough sizes up to a maximum of Ø 2500 mm
- ready-to-install parts in accordance with customer drawing

Manufacturing method: continuous or centrifugal casting

Additional material informations register 7, pages 11 + 12.

* available at short notice


Rohre
Tubes
Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- Spezialanfertigungen mit erhöhten Festigkeitswerten
- einbaufertige Teile gemäss Zeichnung

Herstellart: kalt gezogen, halbhart, entspannt

Innentoleranzen:
 bis Ø 50: h11
 ab Ø 50–120: h12
 über Ø 120: h13

Aussentoleranzen:
 bis Ø 50: H11
 ab Ø 50–120: H12
 über Ø 120: H13

P = Rohre mit Presssitzaufmass;
 nähere Angaben Seite 2.35

Weitere Werkstoffinformationen
 Register 7, Seiten 13 + 14.

We also supply:

- different dimensions and saw cuts
- Custom productions with elevated levels of strengths.
- ready-to-install parts in accordance with customer drawing

Manufacturing method: cold drawn, semihard, stress relieved

Tolerances inside:
 up to Ø 50: h11
 from Ø 50–120: h12
 bigger than Ø 120: h13

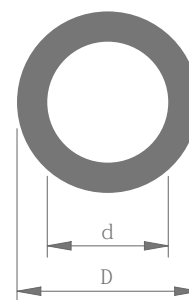
Tolerances outside:
 up to Ø 50: H11
 from Ø 50–120: H12
 bigger than Ø 120: H13

Tubes with press fit oversize; further details page 2.35

Additional material informations
 register 7, pages 13 + 14.

| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 7/13 | 6,4/13,3 | 3000 | 0,9 | 08.1.0064.0133 |
| 8/14 | 7,4/14,3 | 3000 | 1,1 | 08.1.0074.0143 |
| 10/20 | 9,0/20,3 | 3000 | 2,3 | 08.1.0090.0203 |
| 10/16 | 9,4/16,3 | 3000 | 1,2 | 08.1.0094.0163 |
| 10/14 | 9,6/14,3 | 3000 | 0,8 | 08.1.0096.0143 |
| 12/22 | 11,0/22,3 | 3000 | 2,6 | 08.1.0110.0223 |
| 12/20 | 11,2/20,3 | 3000 | 2,0 | 08.1.0112.0203 |
| 12/18 | 11,4/18,3 | 3000 | 1,4 | 08.1.0114.0183 |
| 12/16 | 11,6/16,3 | 3000 | 0,9 | 08.1.0116.0163 |
| 12/16 | 11,8/16P | 3000 | 0,8 | 08.1.0118.016P |
| 14/22 | 13,2/22,3 | 3000 | 2,3 | 08.1.0132.0223 |
| 14/18 | 13,6/18,3 | 3000 | 1,0 | 08.1.0136.0183 |
| 14/18 | 13,8/18P | 3000 | 0,9 | 08.1.0138.018P |
| 15/25 | 14,0/25,3 | 3000 | 3,1 | 08.1.0140.0253 |
| 15/20 | 14,5/20,3 | 3000 | 1,4 | 08.1.0145.0203 |
| 16/30 | 14,6/30,3 | 3000 | 4,9 | 08.1.0146.0303 |
| 16/26 | 15,0/26,3 | 3000 | 3,3 | 08.1.0150.0263 |
| 16/22 | 15,4/22,3 | 3000 | 1,8 | 08.1.0154.0223 |
| 16/20 | 15,6/20,3 | 3000 | 1,2 | 08.1.0156.0203 |
| 16/20 | 15,8/20P | 3000 | 1,0 | 08.1.0158.020P |
| 18/28 | 17,0/28,3 | 3000 | 3,6 | 08.1.0170.0283 |
| 18/26 | 17,2/26,3 | 3000 | 2,8 | 08.1.0172.0263 |
| 18/24 | 17,4/24,3 | 3000 | 2,0 | 08.1.0174.0243 |
| 18/22 | 17,6/22,3 | 3000 | 1,3 | 08.1.0176.0223 |
| 20/36 | 18,4/36,3 | 3000 | 6,9 | 08.1.0184.0363 |
| 20/32 | 18,8/32,3 | 3000 | 4,8 | 08.1.0188.0323 |
| 20/30 | 19,0/30,3 | 3000 | 3,9 | 08.1.0190.0303 |
| 20/28 | 19,2/28,3 | 3000 | 3,0 | 08.1.0192.0283 |
| 20/27 | 19,3/27,3 | 3000 | 2,6 | 08.1.0193.0273 |
| 20/26 | 19,4/26,3 | 3000 | 2,2 | 08.1.0194.0263 |
| 20/25 | 19,5/25,3 | 3000 | 1,8 | 08.1.0195.0253 |
| 20/24 | 19,6/24,3 | 3000 | 1,5 | 08.1.0196.0243 |
| 20/24 | 19,8/24P | 3000 | 1,3 | 08.1.0198.024P |
| 20/25 | 19,8/25P | 3000 | 1,6 | 08.1.0198.025P |
| 22/32 | 21,0/32,3 | 3000 | 4,2 | 08.1.0210.0323 |
| 22/30 | 21,2/30,3 | 3000 | 3,3 | 08.1.0212.0303 |
| 22/28 | 21,4/28,3 | 3000 | 2,4 | 08.1.0214.0283 |
| 22/26 | 21,6/26,3 | 3000 | 1,6 | 08.1.0216.0263 |
| 22/28 | 21,8/28P | 3000 | 2,2 | 08.1.0218.028P |
| 24/40 | 22,4/40,3 | 3000 | 7,8 | 08.1.0224.0403 |
| 24/38 | 22,6/38,3 | 3000 | 6,7 | 08.1.0226.0383 |
| 24/36 | 22,8/36,3 | 3000 | 5,6 | 08.1.0228.0363 |
| 24/32 | 23,2/32,3 | 3000 | 3,5 | 08.1.0232.0323 |
| 24/30 | 23,4/30,3 | 3000 | 2,6 | 08.1.0234.0303 |
| 24/28 | 23,6/28,3 | 3000 | 1,7 | 08.1.0236.0283 |

| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 25/40 | 23,5/40,3 | 3000 | 7,6 | 08.1.0235.0403 |
| 25/35 | 24,0/35,3 | 3000 | 4,7 | 08.1.0240.0353 |
| 25/32 | 24,3/32,3 | 3000 | 3,2 | 08.1.0243.0323 |
| 25/30 | 24,5/30,3 | 3000 | 2,2 | 08.1.0245.0303 |
| 25/30 | 24,8/30P | 3000 | 2,0 | 08.1.0248.030P |
| 28/40 | 26,8/40,3 | 3000 | 6,3 | 08.1.0268.0403 |
| 28/38 | 27,0/38,3 | 3000 | 5,2 | 08.1.0270.0383 |
| 28/36 | 27,2/36,3 | 3000 | 4,0 | 08.1.0272.0363 |
| 28/35 | 27,3/35,3 | 3000 | 3,5 | 08.1.0273.0353 |
| 30/50 | 28,0/50,4 | 3000 | 12,3 | 08.1.0280.0504 |
| 30/45 | 28,5/45,4 | 3000 | 8,7 | 08.1.0285.0454 |
| 30/42 | 28,8/42,4 | 3000 | 6,7 | 08.1.0288.0424 |
| 30/40 | 29,0/40,3 | 3000 | 5,5 | 08.1.0290.0403 |
| 30/38 | 29,2/38,3 | 3000 | 4,3 | 08.1.0292.0383 |
| 30/36 | 29,4/36,3 | 3000 | 3,2 | 08.1.0294.0363 |
| 30/35 | 29,5/35,3 | 3000 | 2,6 | 08.1.0295.0353 |
| 30/34 | 29,6/34,3 | 3000 | 2,1 | 08.1.0296.0343 |
| 30/35 | 29,8/35P | 3000 | 2,3 | 08.1.0298.035P |
| 30/36 | 29,8/36P | 3000 | 2,8 | 08.1.0298.036P |
| 32/50 | 30,2/50,4 | 3000 | 11,3 | 08.1.0302.0504 |
| 32/44 | 30,8/44,4 | 3000 | 7,1 | 08.1.0308.0444 |
| 32/42 | 31,0/42,4 | 3000 | 5,8 | 08.1.0310.0424 |
| 32/40 | 31,2/40,3 | 3000 | 4,5 | 08.1.0312.0403 |
| 32/38 | 31,4/38,3 | 3000 | 3,4 | 08.1.0314.0383 |
| 34/40 | 33,4/40,3 | 3000 | 3,6 | 08.1.0334.0403 |
| 35/55 | 33,0/55,5 | 3000 | 13,8 | 08.1.0330.0555 |
| 35/50 | 33,5/50,4 | 3000 | 9,8 | 08.1.0335.0504 |
| 35/45 | 34,0/45,4 | 3000 | 6,3 | 08.1.0340.0454 |
| 35/42 | 34,3/42,4 | 3000 | 4,3 | 08.1.0343.0424 |
| 35/40 | 34,5/40,3 | 3000 | 3,0 | 08.1.0345.0403 |
| 36/50 | 34,6/50,4 | 3000 | 9,2 | 08.1.0346.0504 |
| 38/48 | 37,0/48,4 | 3000 | 6,7 | 08.1.0370.0484 |
| 40/60 | 38,0/60,5 | 3000 | 15,5 | 08.1.0380.0605 |
| 40/55 | 38,5/55,5 | 3000 | 11,1 | 08.1.0385.0555 |
| 40/52 | 38,8/52,5 | 3000 | 8,7 | 08.1.0388.0525 |
| 40/50 | 39,0/50,4 | 3000 | 7,0 | 08.1.0390.0504 |
| 40/48 | 39,2/48,4 | 3000 | 5,6 | 08.1.0392.0484 |
| 40/45 | 39,5/45,4 | 3000 | 3,4 | 08.1.0395.0454 |
| 40/44 | 39,6/44,4 | 3000 | 2,8 | 08.1.0396.0444 |
| 42/52 | 41,0/52,5 | 3000 | 7,5 | 08.1.0410.0525 |
| 45/65 | 43,0/65,5 | 3000 | 16,9 | 08.1.0430.0655 |
| 45/60 | 43,5/60,5 | 3000 | 12,4 | 08.1.0435.0605 |
| 45/57 | 43,8/57,5 | 3000 | 9,6 | 08.1.0438.0575 |
| 45/55 | 44,0/55,5 | 3000 | 8,0 | 08.1.0440.0555 |
| 45/52 | 44,3/52,5 | 3000 | 5,5 | 08.1.0443.0525 |
| 45/50 | 44,5/50,4 | 3000 | 3,8 | 08.1.0445.0504 |



**Rohre
Tubes**

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- Spezialanfertigungen mit erhöhten Festigkeitswerten
- einbaufertige Teile gemäss Zeichnung

Herstellart: kalt gezogen, halbhart, entspannt

Innentoleranzen:
bis Ø 50: h11
ab Ø 50–120: h12
über Ø 120: h13

Aussentoleranzen:
bis Ø 50: H11
ab Ø 50–120: H12
über Ø 120: H13

P = Rohre mit Presssitzaufmass;
nähere Angaben Seite 2.35

Weitere Werkstoffinformationen
Register 7, Seiten 13 + 14.

We also supply:

- different dimensions and saw cuts
- Custom productions with elevated levels of strengths.
- ready-to-install parts in accordance with customer drawing

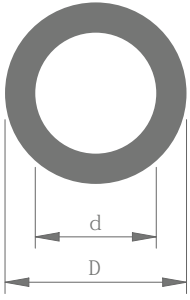
Manufacturing method: cold drawn, semihard, stress relieved

Tolerances inside:
up to Ø 50: h11
from Ø 50–120: h12
bigger than Ø 120: h13

Tolerances outside:
up to Ø 50: H11
from Ø 50–120: H12
bigger than Ø 120: H13

Tubes with press fit oversize; further details page 2.35

Additional material informations
register 7, pages 13 + 14.



Rohre Tubes

Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- Spezialanfertigungen mit erhöhten Festigkeitswerten
- einbaufertige Teile gemäss Zeichnung

Herstellart: kalt gezogen, halbhart, entspannt

Innentoleranzen:

bis Ø 50: h11
ab Ø 50–120: h12
über Ø 120: h13

Aussentoleranzen:

bis Ø 50: H11
ab Ø 50–120: H12
über Ø 120: H13

P = Rohre mit Presssitzaufmass;
nähere Angaben Seite 2.35

Weitere Werkstoffinformationen
Register 7, Seiten 13 + 14.

We also supply:

- different dimensions and saw cuts
- Custom productions with elevated levels of strengths

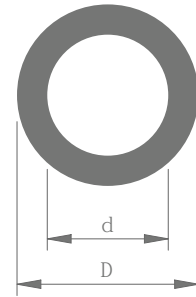
| Fertigmasse Final dimensions [d/D mm] | Liefermasse Delivery dimensions [d/D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|---|-------------------------|--|---------------------------------|
| 48/68 | 46,0/68,5 | 3000 | 17,8 | 08.1.0460.0685 |
| 48/60 | 46,8/60,5 | 3000 | 10,3 | 08.1.0468.0605 |
| 50/70 | 48,0/70,5 | 3000 | 18,1 | 08.1.0480.0705 |
| 50/65 | 48,4/65,5 | 3000 | 13,5 | 08.1.0484.0655 |
| 50/62 | 48,8/62,5 | 3000 | 10,7 | 08.1.0488.0625 |
| 50/60 | 49,0/60,5 | 3000 | 8,8 | 08.1.0490.0605 |
| 50/58 | 49,2/58,5 | 3000 | 7,0 | 08.1.0492.0585 |
| 50/55 | 49,5/55,5 | 3000 | 4,4 | 08.1.0495.0555 |
| 55/75 | 52,5/75,5 | 3000 | 20,5 | 08.1.0525.0755 |
| 55/70 | 53,3/70,5 | 3000 | 14,9 | 08.1.0533.0705 |
| 55/65 | 54,0/65,5 | 3000 | 9,6 | 08.1.0540.0655 |
| 60/80 | 57,5/80,5 | 3000 | 22,0 | 08.1.0575.0805 |
| 60/75 | 58,2/75,5 | 3000 | 16,2 | 08.1.0582.0755 |
| 60/72 | 58,5/72,5 | 3000 | 12,8 | 08.1.0585.0725 |
| 60/70 | 58,8/70,5 | 3000 | 10,6 | 08.1.0588.0705 |
| 65/85 | 62,5/85,5 | 3000 | 23,6 | 08.1.0625.0855 |
| 65/75 | 63,8/75,5 | 3000 | 11,4 | 08.1.0638.0755 |
| 70/90 | 67,5/90,5 | 3000 | 25,0 | 08.1.0675.0905 |
| 70/85 | 68,2/85,5 | 3000 | 18,6 | 08.1.0682.0855 |
| 70/80 | 68,8/80,5 | 3000 | 12,2 | 08.1.0688.0805 |
| 75/95 | 72,5/95,5 | 3000 | 26,9 | 08.1.0725.0955 |
| 75/90 | 73,2/90,5 | 3000 | 19,8 | 08.1.0732.0905 |
| 75/85 | 73,8/85,5 | 3000 | 13,0 | 08.1.0738.0855 |
| 80/100 | 77,5/100,8 | 3000 | 28,9 | 08.1.0775.1008 |
| 80/95 | 78,2/95,5 | 3000 | 21,0 | 08.1.0782.0955 |
| 80/90 | 78,7/90,5 | 3000 | 13,9 | 08.1.0787.0905 |
| 85/100 | 83,2/100,8 | 3000 | 22,4 | 08.1.0832.1008 |
| 85/95 | 83,7/95,5 | 3000 | 14,7 | 08.1.0837.0955 |
| 90/110 | 87,5/110,8 | 3000 | 32,2 | 08.1.0875.1108 |
| 90/100 | 88,7/100,8 | 3000 | 15,9 | 08.1.0887.1008 |
| 100/120 | 96,3/121,5 | 1000 | 38,4 | 08.1.0963.1215.1 |
| 100/115 | 98,0/116,5 | 1000 | 27,6 | 08.1.0980.1165.1 |
| 100/110 | 97,6/111,5 | 3000 | 20,5 | 08.1.0976.1115 |
| 110/130 | 106,3/131,5 | 1000 | 42,0 | 08.1.1063.1315.1 |
| 110/120 | 107,6/121,5 | 1000 | 22,2 | 08.1.1076.1215.1 |
| 120/140 | 116,3/141,5 | 1000 | 45,5 | 08.1.1163.1415.1 |
| 120/135 | 118,0/136,5 | 1000 | 32,7 | 08.1.1180.1365.1 |
| 130/150 | 126,0/151,5 | 1000 | 49,4 | 08.1.1260.1515.1 |
| 140/160 | 136,0/161,5 | 1000 | 52,9 | 08.1.1360.1615.1 |
| 150/170 | 146,0/171,5 | 1000 | 56,5 | 08.1.1460.1715.1 |
| 150/160 | 147,3/161,5 | 1000 | 30,6 | 08.1.1473.1615.1 |
| 160/180 | 156,0/181,5 | 1000 | 60,0 | 08.1.1560.1815.1 |
| 170/190 | 166,0/191,5 | 1000 | 63,5 | 08.1.1660.1915.1 |
| 180/200 | 176,0/201,5 | 1000 | 67,1 | 08.1.1760.2015.1 |
| 200/220 | 196,0/221,5 | 1000 | 74,8 | 08.1.1960.2215.1 |

Presssitzrohre P

Die mit P bezeichneten Abmessungen sind so genau gezogen, dass eine spanende Bearbeitung des Aussendurchmessers nicht mehr erforderlich ist. Nach dem Einpressen einer P-Büchse in eine Aufnahmebohrung mit der Toleranz H7 ergibt sich ausreichender Presssitz. Innen ist eine Feinstbearbeitungszugabe von 0,2 mm vorhanden. Die aus P-Rohren abgestochenen Lagerbüchsen weisen noch eine Wanddickenabweichung des Rohres von max. +/- 5% auf. Sie kommen daher in erster Linie für einzeln angeordnete Büchsen in Betracht, die nicht exakt zu fluchten brauchen.

Aussentoleranzen für Presssitzrohre P:

| | |
|-------------------|----------------|
| bis Ø 15: | +0,02/+0,04 mm |
| über Ø 15 bis 30: | +0,03/+0,06 mm |
| über Ø 30 bis 40: | +0,04/+0,07 mm |
| über Ø 40 bis 50: | +0,04/+0,08 mm |



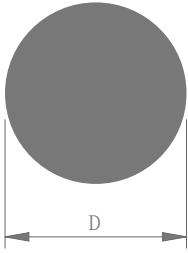
Rohre
Tubes

Press fit tubes P

The dimensions marked P are drawn so precisely that machining of the outside diameter is no longer required. After pressing a P-bushing into a receiving bore with the tolerance H7, an adequate tight fit results. There is a fine finishing allowance of 0.2 mm on the inside. The bearing bushings cut from P tubes have a tube wall thickness deviation of max. +/- 5%. Therefore, they are used primarily for individually arranged bushings, which do not need to be precisely aligned.

Tolérances extérieures pour jets creux à ajustement serré P:

| | |
|------------------------------|----------------|
| up to Ø 15: | +0,02/+0,04 mm |
| bigger than Ø 15 up to Ø 30: | +0,03/+0,06 mm |
| bigger than Ø 30 up to Ø 40: | +0,04/+0,07 mm |
| bigger than Ø 40 up to Ø 50: | +0,04/+0,08 mm |


Rundstangen
Round bars
Wir liefern zudem:

- abweichende Abmessungen und Sägezuschnitte
- Spezialanfertigungen mit erhöhten Festigkeitswerten
- einbaufertige Teile gemäss Zeichnung

Herstellart: kalt gezogen, halbhart, entspannt

Ausführung: einseitig angespitzt bis Ø 17 mm

Toleranzen:
 Ø 3–90: h10
 Ø 102–125: 0/-0,3 mm

Weitere Werkstoffinformationen
 Register 7, Seiten 13 + 14.

We also supply:

- different dimensions and saw cuts
- Custom productions with elevated levels of strengths
- ready-to-install parts in accordance with customer drawing

Manufacturing method: cold drawn, semihard, stress relieved

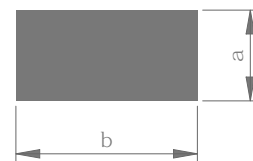
Delivery condition: one side sharpened up to Ø 17 mm

Tolerances:
 Ø 3–90: h10
 Ø 102–125: 0/-0,3 mm

Additional material informations
 register 7, pages 13 + 14.

| Liefermasse Delivery dimensions [D mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|--|-------------------------|--|---------------------------------|
| 3 | 3000 | 0,1 | 08.2.003 |
| 4 | 3000 | 0,1 | 08.2.004 |
| 5 | 3000 | 0,2 | 08.2.005 |
| 6 | 3000 | 0,3 | 08.2.006 |
| 7 | 3000 | 0,3 | 08.2.007 |
| 8 | 3000 | 0,5 | 08.2.008 |
| 9 | 3000 | 0,6 | 08.2.009 |
| 10 | 3000 | 0,7 | 08.2.010 |
| 11 | 3000 | 0,9 | 08.2.011 |
| 12 | 3000 | 1,0 | 08.2.012 |
| 13 | 3000 | 1,2 | 08.2.013 |
| 14 | 3000 | 1,4 | 08.2.014 |
| 15 | 3000 | 1,6 | 08.2.015 |
| 16 | 3000 | 1,8 | 08.2.016 |
| 17 | 3000 | 2,0 | 08.2.017 |
| 18 | 3000 | 2,3 | 08.2.018 |
| 19 | 3000 | 2,5 | 08.2.019 |
| 20 | 3000 | 2,8 | 08.2.020 |
| 22 | 3000 | 3,4 | 08.2.022 |
| 23 | 3000 | 3,7 | 08.2.023 |
| 24 | 3000 | 4,0 | 08.2.024 |
| 25 | 3000 | 4,4 | 08.2.025 |
| 26 | 3000 | 4,7 | 08.2.026 |
| 28 | 3000 | 5,5 | 08.2.028 |
| 30 | 3000 | 6,3 | 08.2.030 |
| 32 | 3000 | 7,2 | 08.2.032 |
| 35 | 3000 | 8,6 | 08.2.035 |
| 36 | 3000 | 9,1 | 08.2.036 |
| 40 | 3000 | 11,2 | 08.2.040 |
| 45 | 3000 | 14,2 | 08.2.045 |
| 50 | 3000 | 17,5 | 08.2.050 |
| 55 | 3000 | 21,1 | 08.2.055 |
| 60 | 3000 | 25,2 | 08.2.060 |
| 65 | 3000 | 29,5 | 08.2.065 |
| 70 | 3000 | 34,3 | 08.2.070 |
| 75 | 1000 | 39,1 | 08.2.075.1 |
| 80 | 1000 | 44,6 | 08.2.080.1 |
| 85 | 1000 | 50,4 | 08.2.085.1 |
| 90 | 1000 | 56,5 | 08.2.090.1 |
| 102 | 1000 | 73,4 | 08.2.102.1 |
| 112 | 1000 | 88,1 | 08.2.112.1 |
| 120 | 1000 | 101,0 | 08.2.120.1 |
| 122 | 1000 | 104,5 | 08.2.122.1 |
| 125 | 1000 | 108,0 | 08.2.125.1 |

| Liefermasse Cotes de livraison [a x b mm] | Länge Longueur [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|--|---------------------------|--|---------------------------------|
| 3 x 20 | 3000 | 0,5 | 08.4.003.020 |
| 3 x 30 | 3000 | 0,8 | 08.4.003.030 |
| 5 x 20 | 3000 | 0,9 | 08.4.005.020 |
| 5 x 25 | 3000 | 1,1 | 08.4.005.025 |
| 5 x 30 | 3000 | 1,3 | 08.4.005.030 |
| 5 x 40 | 3000 | 1,8 | 08.4.005.040 |
| 5 x 50 | 3000 | 2,3 | 08.4.005.050 |
| 6 x 20 | 3000 | 1,1 | 08.4.006.020 |
| 6 x 30 | 3000 | 1,6 | 08.4.006.030 |
| 6 x 40 | 3000 | 2,2 | 08.4.006.040 |
| 6 x 50 | 3000 | 2,7 | 08.4.006.050 |
| 6 x 60 | 3000 | 3,2 | 08.4.006.060 |
| 6 x 80 | 3000 | 4,3 | 08.4.006.080 |
| 8 x 8 | 3000 | 0,6 | 08.4.008.008 |
| 8 x 20 | 3000 | 1,4 | 08.4.008.020 |
| 8 x 30 | 3000 | 2,1 | 08.4.008.030 |
| 8 x 40 | 3000 | 2,9 | 08.4.008.040 |
| 8 x 50 | 3000 | 3,6 | 08.4.008.050 |
| 10 x 10 | 3000 | 0,9 | 08.4.010.010 |
| 10 x 20 | 3000 | 1,8 | 08.4.010.020 |
| 10 x 30 | 3000 | 2,7 | 08.4.010.030 |
| 10 x 40 | 3000 | 3,5 | 08.4.010.040 |
| 10 x 50 | 3000 | 4,5 | 08.4.010.050 |
| 10 x 60 | 3000 | 5,3 | 08.4.010.060 |
| 10 x 80 | 3000 | 7,1 | 08.4.010.080 |
| 12 x 12 | 3000 | 1,3 | 08.4.012.012 |
| 12 x 40 | 3000 | 4,3 | 08.4.012.040 |
| 12 x 60 | 3000 | 6,4 | 08.4.012.060 |
| 15 x 15 | 3000 | 2,0 | 08.4.015.015 |
| 15 x 30 | 3000 | 4,0 | 08.4.015.030 |
| 15 x 40 | 3000 | 5,4 | 08.4.015.040 |
| 15 x 50 | 3000 | 6,7 | 08.4.015.050 |
| 20 x 20 | 3000 | 3,6 | 08.4.020.020 |
| 20 x 30 | 3000 | 5,4 | 08.4.020.030 |
| 20 x 40 | 3000 | 7,1 | 08.4.020.040 |
| 20 x 50 | 3000 | 8,9 | 08.4.020.050 |
| 20 x 80 | 3000 | 14,2 | 08.4.020.080 |
| 25 x 25 | 3000 | 5,5 | 08.4.025.025 |
| 25 x 50 | 3000 | 11,1 | 08.4.025.050 |
| 30 x 30 | 3000 | 8,0 | 08.4.030.030 |
| 30 x 50 | 3000 | 13,4 | 08.4.030.050 |
| 30 x 60 | 3000 | 16,0 | 08.4.030.060 |
| 35 x 50 | 3000 | 15,4 | 08.4.035.050 |
| 40 x 40 | 3000 | 14,1 | 08.4.040.040 |



Kantenprofile
Edge profiles

Wir liefern zudem:

- Sägezuschnitte sowie Bleche in Looser Phosphorbronze CuSn6
- Spezialanfertigungen mit abweichenden Massen
- einbaufertige Teile gemäss Zeichnung

Herstellart: kalt gezogen, ziehart

Toleranzen:

Vierkantstangen: h11

Flachstangen: nach DIN 1759

Werkstoffgruppe II

Weitere Werkstoffinformationen Register 7, Seiten 13 + 14.

We also supply:

- Saw cuts as well as sheets in Looser Phosphor Bronze CuSn6
- Custom productions with diverging dimensions
- ready-to-install parts in accordance with customer drawing

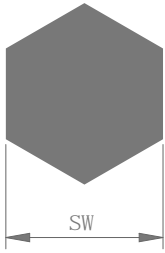
Manufacturing method: cold drawn, hard-drawn

Tolerances:

Square bars: h11

Flat bars: according to DIN 1759 material group II

Additional material informations register 7, pages 13 + 14.



Sechskantstangen
Hexagonal bars

| Liefermasse Delivery dimensions [SW mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/m] | Artikelnummer Article number |
|---|-------------------------|--|---------------------------------|
| 17 | 3000 | 2,2 | 08.6.017 |
| 19 | 3000 | 2,8 | 08.6.019 |
| 22 | 3000 | 3,7 | 08.6.022 |
| 24 | 3000 | 4,4 | 08.6.024 |
| 27 | 3000 | 5,6 | 08.6.027 |
| 30 | 3000 | 6,9 | 08.6.030 |
| 32 | 3000 | 7,9 | 08.6.032 |
| 36 | 3000 | 10,0 | 08.6.036 |
| 41 | 3000 | 13,0 | 08.6.041 |
| 46 | 3000 | 16,3 | 08.6.046 |

Wir liefern zudem:

- Sägezuschnitte und Sechskantstangen in Looser Aluminiumbronze 75 sowie Looser Bronze 50
- einbaufertige Teile gemäss Zeichnung

Herstellart: kalt gezogen, ziehhart

Toleranzen: h11

Weitere Werkstoffinformationen
Register 7, Seiten 13 + 14.

We also supply:

- Saw cuts and hexagonal bars in Looser Aluminium Bronze 75 as well as Looser Bronze 50
- ready-to-install parts in accordance with customer drawing

Manufacturing method: cold drawn, hard-drawn

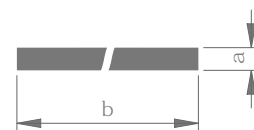
Tolerances: h11

Additional material informations
register 7, pages 13 + 14.

Looser Phosphorbronze CuSn6 Looser Phosphor Bronze CuSn6



| Liefermasse Delivery dimensions [a x b mm] | Länge Length [mm] | Gewicht Weight ca. / approx. [kg/Stk] | Artikelnummer Article number |
|--|-------------------------|--|---------------------------------|
| 0,2 x 300 | 2000 | 1,1 | 06V.0002.0300* |
| 0,3 x 600 | 1500 | 2,4 | 06V.0003.0600* |
| 0,4 x 640 | 1500 | 3,4 | 06V.0004.0640* |
| 0,5 x 640 | 1500 | 4,2 | 06V.0005.0640* |
| 0,6 x 600 | 1500 | 4,8 | 06V.0006.0600* |
| 0,8 x 600 | 1500 | 6,3 | 06V.0008.0600* |
| 1 x 300 | 2000 | 5,4 | 06V.0010.0300* |
| 1,2 x 300 | 2000 | 6,4 | 06V.0012.0300* |
| 1,5 x 300 | 2000 | 8,0 | 06V.0015.0300* |
| 2 x 300 | 2000 | 10,7 | 06V.0020.0300* |
| 2 x 1000 | 2000 | 35,6 | 06V.0020.1000* |
| 2,5 x 300 | 2000 | 13,4 | 06V.0025.0300* |
| 3 x 600 | 2000 | 32,0 | 06V.0030.0600* |
| 3 x 1000 | 2000 | 53,4 | 06V.0030.1000* |
| 4 x 600 | 2000 | 42,8 | 06V.0040.0600* |
| 4 x 1000 | 2000 | 71,2 | 06V.0040.1000* |
| 5 x 600 | 2000 | 52,8 | 06V.0050.0600* |
| 5 x 1000 | 2000 | 89,0 | 06V.0050.1000* |
| 6 x 600 | 2000 | 63,4 | 06V.0060.0600* |
| 6 x 1000 | 2000 | 106,8 | 06V.0060.1000* |
| 8 x 600 | 2000 | 84,5 | 06V.0080.0600* |
| 8 x 1000 | 2000 | 142,4 | 06V.0080.1000* |
| 10 x 600 | 2000 | 105,6 | 06V.010.600* |
| 10 x 1000 | 2000 | 188,0 | 06V.0100.1000* |
| 12 x 600 | 2000 | 126,7 | 06V.012.600* |
| 12 x 1000 | 2000 | 213,6 | 06V.0120.1000* |
| 15 x 600 | 2000 | 160,3 | 06V.015.600* |
| 15 x 1000 | 2000 | 267,0 | 06V.015.1000* |
| 20 x 600 | 2000 | 213,7 | 06V.020.600* |
| 20 x 1000 | 2000 | 356,0 | 06V.020.1000* |
| 25 x 600 | 2000 | 267,2 | 06V.025.600* |
| 30 x 600 | 2000 | 316,8 | 06V.030.600* |
| 30 x 1000 | 2000 | 534,0 | 06V.030.1000* |
| 40 x 600 | 2000 | 427,4 | 06V.040.600* |
| 40 x 1000 | 2000 | 712,0 | 06V.040.1000* |



CuSn6 Bleche
CuSn6 Sheets

Wir liefern zudem:

- abweichende Breiten- und Längenmasse
- Flach- und Sechskantstangen in Caro Bronze sowie Looser Bronze 50
- einbaufertige Teile gemäss Zeichnung

* kurzfristig lieferbar

We also supply:

- different dimensions in width and length
- Flat an hexagonal bars in Caro Bronze as well as Looser Bronze 50
- ready-to-install parts in accordance with customer drawing

* available at short notice

Walter Looser AG
Bronzen und Gleitlager
Josefstrasse 206
CH-8005 Zürich

Technische Änderungen vorbehalten, alle Angaben ohne Gewähr.
Subject to technical modifications; no responsibility is accepted for the accuracy of this information.