



Rundstangen gezogen/gepresst/gegossen
Barres rondes étirées/pressées/coulées

CW004A **Cu-ETP**
CW009A **Cu-OFE**
CW020A **Cu-PHC**

| | | | | |
|------------------------|-----------------|-----------------------|--|---|
| Norm/Norme: | Cu-ETP | DIN EN 13601 | | |
| | Cu-OFE | DIN EN 13604 | | |
| | Cu-PHC | DIN EN 13601 | | |
| Zustand/Etat: | Cu-ETP / Cu-OFE | bis/jusqu'à 20 mm | R300 | |
| | | ab/dès 20 mm | R280 | |
| | | ab/dès 32 mm | R260 | |
| | | ab/dès 40 mm | | ohne vorgeschriebene Festigkeitswerte caractéristiques mécaniques non définies |
| | Cu-PHC | | | ohne vorgeschriebene Festigkeitswerte caractéristiques mécaniques non définies |
| Toleranz/Tolérance: | | bis/jusqu'à 80 mm h11 | | |
| Verfahren/ Procédé: | gezogen | bis/étiré jusqu' à | 140 mm | |
| | gepresst | ab/pressé dès | 150 mm | |
| Stangenlänge/Longueur: | | • 3 m ○ 6 m | ab 50 mm z. T. kürzere Stangen/dès 50 mm barres plus courtes | |
| Stangenende | | Cu-OFE | schwarz/noir | |
| Marquage des barres: | | Cu-PHC | blau/bleu | |

| mm | kg/m | Cu-ETP | Cu-OFE |
|------|------|------------------------------------|--------|
| 3.0 | 0.06 | ● | |
| 4.0 | 0.11 | ● | |
| 5.0 | 0.17 | ● | |
| 6.0 | 0.25 | ○ | |
| 7.0 | 0.34 | ● | |
| 8.0 | 0.45 | ○ auch vernickelt aussi nickelé | |
| 9.0 | 0.57 | ● | |
| 10.0 | 0.70 | ○ | |
| 11.0 | 0.85 | ● | |
| 12.0 | 1.01 | ○ | |
| 13.0 | 1.18 | ● | |
| 14.0 | 1.37 | ● | ● |
| 15.0 | 1.57 | ● | |
| 16.0 | 1.79 | ○ | ● |
| 18.0 | 2.26 | ● | ● |
| 19.0 | 2.52 | ● | ● |
| 20.0 | 2.79 | ○ | ● |
| 21.0 | 3.08 | ● | |

| mm | kg/m | Cu-ETP | Cu-OFE |
|------|-------|--------|--------|
| 22.0 | 3.38 | ○ | ● |
| 23.0 | 3.70 | ● | ● |
| 24.0 | 4.02 | ● | |
| 25.0 | 4.37 | ○ | ● |
| 26.0 | 4.72 | ● | ● |
| 27.0 | 5.09 | ● | |
| 28.0 | 5.48 | ● | ● |
| 29.0 | 5.88 | ● | |
| 30.0 | 6.29 | ○ | ● |
| 32.0 | 7.15 | ● | ● |
| 35.0 | 8.56 | ● | ● |
| 38.0 | 10.09 | ● | ● |
| 40.0 | 11.18 | ○ | ● |
| 42.0 | 12.32 | ● | |
| 44.0 | 13.53 | ● | |
| 45.0 | 14.15 | ○ | ● |
| 48.0 | 16.10 | ● | |
| 50.0 | 17.47 | ● | ● |
| 52.0 | 18.89 | ● | |

Fortsetzung siehe Seite 4.2/suite voir page 4.2



| mm | kg/m | Cu-ETP | Cu-OFE | Cu-PHC |
|-------|--------|--------|--------|----------------|
| 55.0 | 21.13 | • | • | |
| 60.0 | 25.15 | • | • | |
| 65.0 | 29.52 | • | • | |
| 70.0 | 34.23 | • | | |
| 75.0 | 39.30 | • | | |
| 80.0 | 44.71 | • | | |
| 85.0 | 50.48 | • | | |
| 90.0 | 56.59 | • | • | |
| 100.0 | 69.87 | • | | |
| 110.0 | 84.54 | • | | |
| 120.0 | 100.61 | • | | |
| 140.0 | 136.94 | • | | |
| 150.0 | 157.20 | • | | |
| 160.0 | 178.85 | • | | |
| 180.0 | 226.36 | • | | |
| 200.0 | 279.46 | • | | • |
| 254.0 | 450.74 | | | gegossen/coulé |