



Long products

Ribbed Bars class B

Technical information

Ribbed bars class B

| nominal diameter dia | Nominal cross-sectional area | Nominal weight 1lm | Permissible weight range 1mb ± 4% |
|-------------------------|---------------------------------|-----------------------|--------------------------------------|
| [mm] | [mm ²] | [kg] | [kg] |
| 8 | 50,3 | 0,395 | 0,379 – 0,410 |
| 10 | 78,5 | 0,617 | 0,592 – 0,641 |
| 12 | 113 | 0,888 | 0,852 – 0,923 |
| 14 | 154 | 1,21 | 1,161 – 1,258 |
| 16 | 201 | 1,58 | 1,516 – 1,643 |
| 20 | 314 | 2,47 | 2,371 – 2,568 |
| 25 | 491 | 3,85 | 3,696 – 4,004 |
| 28 | 616 | 4,83 | 4,636 – 5,023 |
| 32 | 804 | 6,31 | 6,057 – 6,562 |

Class B

Re 500<=Re<=625

582<=Rm<=843

1,15<=Rm/Re<=1,35

Ribbed bars class B

Lengths

| | |
|--|--|
| Standard lengths | 6m, 12m, 14m, 15 m (Dependent on Diameter) |
| Special lengths (available by prior order) | from 6m to 18 m |
| Length tolerance | -0 +100 mm |

Ductility properties

| | |
|--|--------------|
| Stress ratio: Ultimate tensile strength/Yield strength (f_s/f_y) | ≥ 1.10 |
| Uniform elongation (A_{gt}) | $\geq 6,4\%$ |