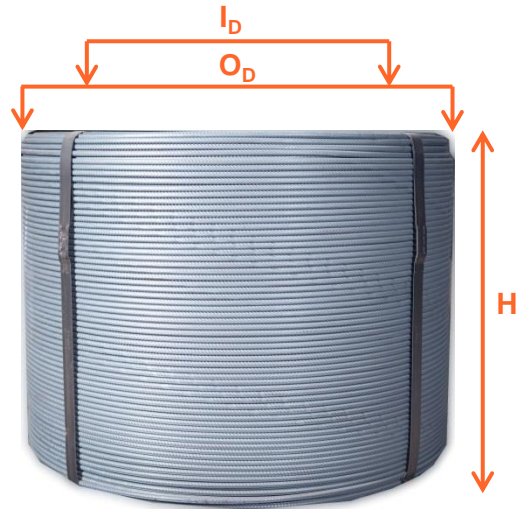


## Technical specification

### Coil dimensions and weight

|                         |                |
|-------------------------|----------------|
| Internal diameter $I_D$ | cca 700 mm     |
| Outer diameter $O_D$    | cca 1000 mm    |
| Height H                | cca 700 mm     |
| Coil weight             | 1500 kg        |
| Packing                 | 4 steel straps |

Product range:  $\Phi$  8 – 25mm



### B500B according to EN 10080:2005

#### Product mix, dimensions, weight and tolerances

| Nominal dimensions |   | Nominal weight (mass) per unit of length (kg/m) | Tolerance (%) |
|--------------------|---|---|---------------|
| Diameter (mm)      | Cross-sectional area (mm <sup>2</sup> ) |   |               |
| 8                  | 50,3                                    | 0,395   | ± 6,0         |
| 10                 | 78,5                                    | 0,617   | ± 4,5         |
| 12                 | 113                                     | 0,888   | ± 4,5         |
| 14                 | 154                                     | 1,21  | ± 4,5         |
| 16                 | 201                                     | 1,58  | ± 4,5         |

#### Mechanical properties

|                                     |           |
|-------------------------------------|-----------|
| Yield strength (N/mm <sup>2</sup> ) | 500 ÷ 625 |
| Ratio $R_m/R_e$                     | ≥ 1,08    |
| Ratio $Re_{act}/Re_{nom}$           | ≤ 1,25    |
| Elongation %                        | ≥ 5,0     |

Homologation process initiated for: B500C, B550B, B450C and PC 52.



### Advantages of Rebar in Coil

- Increased productivity, improved yields and lower costs
- Compact and good geometry with high density coils
- Efficient inventory management and transportation
- Torsion free coiling operation for smooth de-coiling during processing.