



# Long products

# **Ribbed Coils class B**

**Technical information**

## Ribbed coils class B

nominal diameter dia	Nominal cross-sectional area	Nominal weight 11m	Permissible weight range 11m ± 4,0%
[mm]	[mm <sup>2</sup> ]	[kg]	[kg]
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

### Class B

Re  
 $535 \leq Re \text{ nom} \leq 635$   
 $Re \text{ real} \geq 500$

$578 \leq Rm \text{ nom} \leq 843$   
 $Rm \text{ real} \geq 550$

$Rm \text{ nom}/Re \text{ nom} \geq 1,10$   
 $Rm \text{ real}/Re \text{ real} \geq 1,08$

## Ribbed coils class B

### Ductility properties

Stress ratio: Ultimate tensile strength/Yield strength (fs/fy)	1.15 to 1.35
Uniform elongation (Agt)	≥ 8%