



Long products

Ribbed Bars class C

Technical information

Ribbed bars class C

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 C

Re 500 ≤ Re ≤ 625

582 ≤ Rm ≤ 843

1,15 ≤ Rm/Re ≤ 1,35

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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)	1.15 to 1.35
Uniform elongation (A_{gt})	$\geq 8\%$