



Wire Rod

Steel Grades for the Manufacturing of reinforcement steel

Sales Office:

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Revision 08/2014

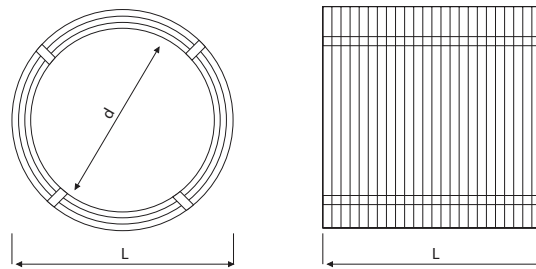
		C %	Si %	Mn %	P %	S %	Cu %	N %	Ceq %	Re MPa
B10	min	0,05	0,10	0,40	-	-	-	-	-	430
	max	0,10	0,15	0,55	0,045	0,050	0,60	0,012	0,30	480
B10-Si	min	0,06	0,15	0,45	-	-	-	-	-	430
	max	0,10	0,20	0,60	0,045	0,050	0,60	0,012	0,30	500
PS 50	min	0,08	0,12	0,90	-	-	-	-	-	460
	max	0,14	0,20	1,10	0,045	0,050	0,40	0,012	0,40	520
Grade 250	min	0,05	0,10	0,40	-	-	-	-	-	430
	max	0,10	0,15	0,55	0,050	0,050	0,50	0,012	0,30	480

B10, B10-Si, PS 50: Company Standard

Grade 250: Production of plain round feedstock for BS4449 and BS4482 5.5 to 13 mm

NOMINAL DIAMETER

5,5 mm 6,0 mm 6,3 mm 7,0 mm 7,5 mm 8,0 mm 8,5 mm 9,0 mm 9,7 mm 10,7 mm 12,0 mm 13,0 mm



External diameter (D): abt. 120 cm
Internal diameter (d): abt. 90 cm

Coil length (L): abt. 120 cm
Coil weight: abt. 1.500 kg

BINDING AND LABELLING

Four wire bindings

Each wire coil has a standard label indicating the steel grade, the nominal diameter and the heat number

DIMENSIONS AND DIMENSIONAL LIMITS

According to EN 10017 Table 1

QUALITY CERTIFICATE

3.1 according to EN 10204

Other steel grades, nominal diameters and additional labels on request



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Non-alloy steel for drawing

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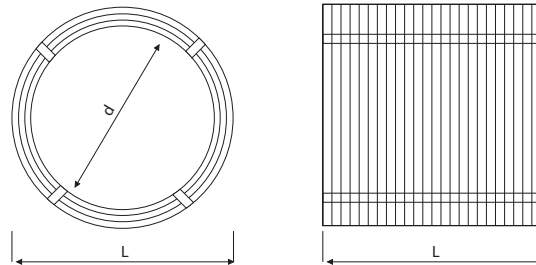
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STANDARDS: ISO 16120-1 AND ISO 16120-2:2011

Steel Grade	Material Number		C %	Si %	Mn %	P %	S %	Cu %	N %	Ceq %	Re MPa
C4D	1.0300	min	0,03	0,08	0,30	-	-	-	-	-	370
		max	0,06	0,20	0,60	0,030	0,030	0,30	0,20	0,20	450
C7D	1.0313	min	0,05	0,08	0,35	-	-	-	-	-	420
		max	0,09	0,20	0,60	0,035	0,030	0,30	0,20	0,20	490
C9D	1.0304	min	0,05	0,08	0,35	-	-	-	-	-	420
		max	0,10	0,20	0,60	0,035	0,035	0,30	0,20	0,20	490
C10D	1.0310	min	0,08	0,08	0,35	-	-	-	-	-	440
		max	0,12	0,20	0,60	0,035	0,035	0,30	0,20	0,20	490
C12D	1.0311	min	0,10	0,08	0,45	-	-	-	-	-	460
		max	0,14	0,20	0,60	0,035	0,035	0,30	0,20	0,20	510
C15D	1.0413	min	0,12	0,08	0,45	-	-	-	-	-	480
		max	0,17	0,20	0,60	0,035	0,035	0,30	0,20	0,20	520
C18D	1.0416	min	0,15	0,10	0,45	-	-	-	-	-	470
		max	0,20	0,20	0,60	0,035	0,035	0,30	0,20	0,20	530

NOMINAL DIAMETER

5,5 mm	6,0 mm	6,3 mm	7,0 mm	7,5 mm	8,0 mm	8,5 mm	9,0 mm	9,7 mm	10,7 mm	12,0 mm	13,0 mm
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