

Wires for prestressed concrete

passport



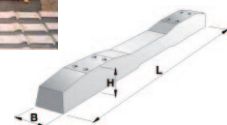
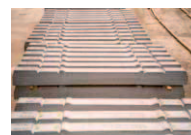
- cold drawn wire, plain,
Ø 2,0 - 7,0 mm
- normal relaxation (max. 8 %),
plain and 3 sided indents
Ø 4,0 - 7,5 mm
- low relaxation (max 2,5 %),
plain and 3 sided indents
Ø 4,0 - 7,5 mm



Packing

Diameter (mm)	d cca (mm)	a cca (mm)	Coil weight (kg)
2,50-3,90	460	230	100-150
4,00-7,00	540	260	200-300
2,50-4,00	450	500	800-900
4,00-7,50	1900	150-250	400-500 800-1000

a = coil width (mm)
d = inner diameter (mm)



Technical parameters

Standard		PN-86-01-96				
Nominal diameter	(mm)	4,0	5,0	6,0	7,0	7,5
Nominal tensile strength	(MPa)	1670 1770	1670 1770	1670 1770	1570 1670	1570 1670
Nominal yield point	(MPa)	1390 1470	1390 1470	1390 1470	1300 1390	1300 1390
Nominal cross section	(mm ²)	12,6	19,6	28,3	38,5	44,2
Nominal unit weight	(g/m)	98,2	153,3	220,8	300,5	345
Breaking strength	min. (kN)	21,0 22,3	32,7 34,7	47,3 50,1	60,4 64,3	69,4 73,8
Charac. value of 0,1 % proof force	min. (kN)	17,5 18,5	27,2 28,8	39,3 41,6	50,1 53,4	57,5 61,2
Elongation at max. strength	min. (%)	3,5				
Relaxation	0,7 Rm max. (%)	2,5				
Tolerance of diam.	(mm)	±0,04	±0,05	±0,05	±0,05	±0,06
Tolerance on cross section	(%)	±2				
Tolerance on unit weight	(g/m)	±2				

Quality



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