

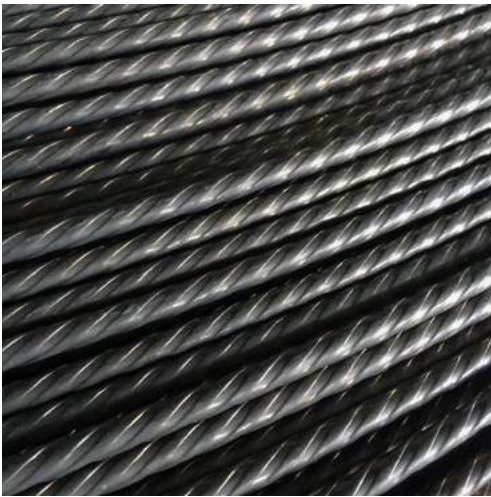
Tianjin Chunpeng Prestressed Concrete Strand Co., LTD



Chunpeng PC Wire with High Tensile



Chunpeng PC Wire with plain, spiral or indented surfaces is widely used in pre-stressed and post-tensioned concrete structures, including bridges and industrial buildings. Active standards: GB/T5223, ASTM A421, BS5896, JIS G3536, AS1310, En 10138. Good quality and moderate price have made us your first choice in our customers' selection for reliable supplier.





Technical data of Chunpeng PC wire(Plain, spiral and Indented)

Technical data of Plain, Spiral and Indented

Nominal Dia. (d _n /mm)	Tolerance (mm)	Tensile Strength σ _b /Mpa Not less than	Yield Strength (σ _{p0.2} /Mpa) Not less than	Elongation at max load (L ₀ =200mm) δgt/% Not less than	Bending Times Not less than	Bending Radius R/mm	Relaxation Properties
							The relaxation at 1000h (Initial load to 70% of nominal tensile strength) (r/%) Not more than
4.8	±0.05	1470	1290	3.5	4	15	2.0
5.0		1570	1380				
		1670	1470				
		1770	1560				
1860	1640						
6.0	±0.05	1470	1290		4	15	
6.25		1570	1380				
7.0		1670	1470			20	
		1770	1560				
8.0	±0.06	1470	1290		4	20	
9.0		1570	1380	25			

Technical data of Spiral PC Wire

Nominal Dia. (d _n /mm)	No. of Helix Rib	Lining Dia. and Tolerance (mm)	Outline Dia. and Tolerance (mm)	Width of Single rib (α/mm)	Layer length (c/mm)	Nominal cross section S _n /mm ²	Re.mass per meter (g/m)
4.00	4	3.85 ±0.05	4.25 ±0.05	0.90 ~ 1.30	24 ~ 30	12.57	98.6
4.80		4.60 ±0.05	5.10 ±0.05	1.30 ~ 1.70	28 ~ 36	18.09	142
5.00		4.80 ±0.05	5.30 ±0.05		28 ~ 36	19.63	154
6.00		5.80 ±0.05	6.30 ±0.05	1.60 ~ 2.00	30 ~ 38	28.27	222
6.25		6.0 ±0.05	6.70 ±0.05		30 ~ 40	30.68	241
7.00		6.73 ±0.05	7.46 ±0.10	1.80 ~ 2.20	35 ~ 45	38.48	302
8.00		7.75 ±0.05	8.45 ±0.10	2.00 ~ 2.40	40 ~ 50	50.26	394
9.00		8.75 ±0.05	9.45 ±0.10	2.10 ~ 2.70	42 ~ 52	63.62	499

Reference Pictures of Chunpeng PC Wire

