

PC STRAND

Introduction

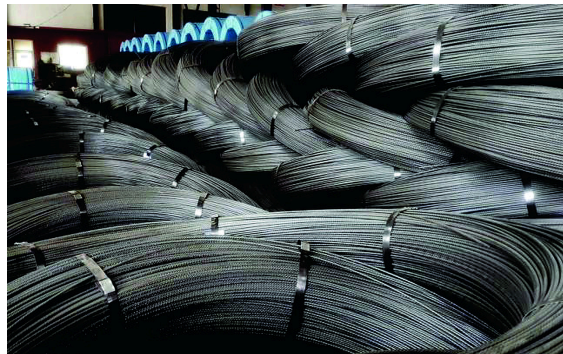


PC strand consists of wires spun together in the same direction and with the same lay length. The PC strand product contains 2-wire, 3-wire and 7-wire strands. Low relaxation PC strand can be used for either prestressing or post-tensioning of concrete.

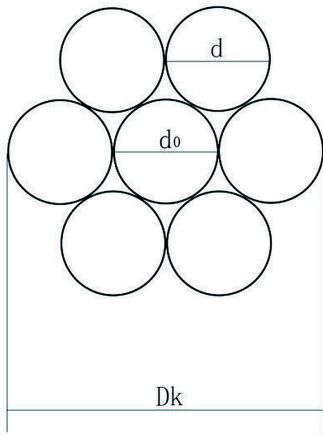
Feature: Low relaxation, High Tensile Strength.

Construction: 2, 3, 7 wires

Application: PC Strand is mainly used for prestressed concrete structural reinforcement, such as span railway and highway bridges, crane beam, ground anchoring project, multi-storey industrial plants and other.



Specification of PC Strand

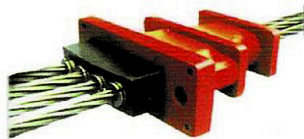


Type	Dia.	Tensile Strength	Section Area (mm ²)	Breaking Load	Load at 0.2% extension	Elongation
	mm	MPA	mm ²	KN	KN	%
1x7	9.5	1720	54.8	94.3	84.9	3.5
		1860		102	91.8	
		1960		107	96.3	
1x7	11.1	1720	74.2	128	115	
		1860		138	124	
		1960		145	131	
1x7	12.7	1720	99.7	170	153	
		1860		184	166	
		1960		193	174	
1x7	15.2	1470	139	206	185	
		1570		220	198	
		1670		234	211	
		1720		241	217	
		1860		260	234	
		1960		274	247	
1x7	15.7	1770	150	266	239	
		1860		279	251	
1x7	17.8	1720	193	327	294	
		1860		353	318	

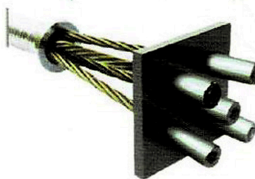
Anchorage Series



YJM anchor tension side



YJM flat type anchorage



P-type anchor fixed end



YJM/KM15 anchor hole



Squeeze anchor



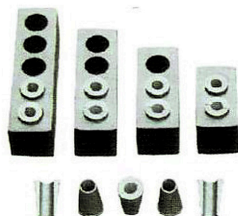
Porous connector



YJM/KM18 anchor hole



YJM anchor job



BJM flat type anchors



YJM tool anchor



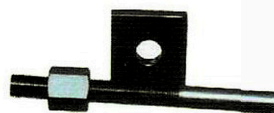
YJDM15 low retracting anchor



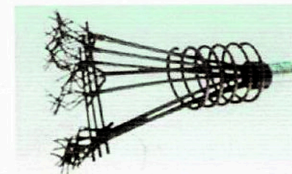
JLM-type finishing rebar anchor



Heading anchor



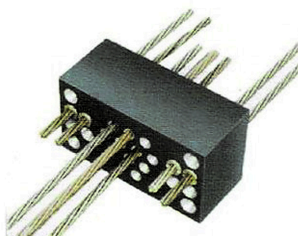
Screw anchor rod end



H-strand cotton ginning anchorage



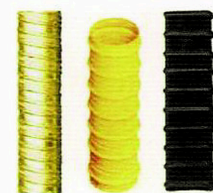
Strand cable anchor



Anchor ring



Single-hole connector



Metal, plastic corrugated pipe