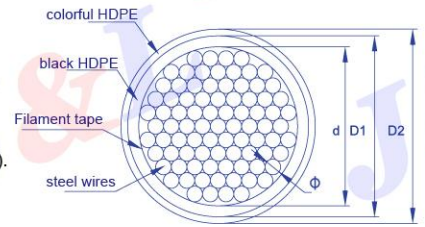




NEW PWS CABLE

- Comply with standard GB/T18365-2001.
- Apply to tensile cables, stay cable and hanger cables.
- The external surface of the sheath can be provided with knurling or two helical PE rod($d > 90\text{mm}$).

$\Phi 5\text{mm}$ $\sigma_b = 1670\text{MPa}$



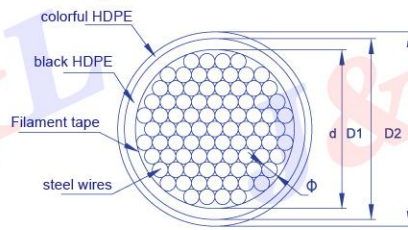
D1: Outer diameter with single sheath D2: Outer diameter with double sheath
 Φ : wire diameter d: Max. diameter of wire bundle

Specification	d (mm)	D1 (mm)	D2 (mm)	Nominal Metallic Mass (kg/m)	Cable Strand Mass (kg/m)	Nominal Metallic Cross Section (mm ²)	Breaking Load (kN)
$\Phi 5 \times 7$	15	22		1.1	1.3	137	230
$\Phi 5 \times 13$	22	30		2.0	2.3	255	426
$\Phi 5 \times 19$	25	35	40	2.9	3.7	373	623
$\Phi 5 \times 31$	32	40	45	4.8	5.6	609	1017
$\Phi 5 \times 37$	35	45	50	5.7	6.8	726	1213
$\Phi 5 \times 55$	41	51	55	8.5	9.5	1080	1803
$\Phi 5 \times 61$	45	55	59	9.4	10.7	1198	2000
$\Phi 5 \times 73$	49	59	63	11.3	12.6	1433	2394
$\Phi 5 \times 85$	51	61	65	13.1	14.4	1669	2787
$\Phi 5 \times 91$	55	65	69	14.0	15.7	1787	2984
$\Phi 5 \times 109$	58	68	72	16.8	18.3	2140	3574
$\Phi 5 \times 121$	61	71	75	18.7	20.3	2376	3968
$\Phi 5 \times 127$	65	75	79	19.6	21.6	2494	4164
$\Phi 5 \times 139$	66	78	82	21.4	23.3	2729	4558
$\Phi 5 \times 151$	68	79	83	23.3	25.1	2965	4951
$\Phi 5 \times 163$	71	83	88	25.1	27.5	3200	5345
$\Phi 5 \times 187$	75	87	92	28.8	31.0	3672	6132
$\Phi 5 \times 199$	77	89	94	30.7	33.0	3907	6525
$\Phi 5 \times 211$	81	93	98	32.5	35.2	4143	6919
$\Phi 5 \times 223$	83	95	100	34.4	36.9	4379	7312
$\Phi 5 \times 241$	85	97	102	37.1	39.7	4732	7902
$\Phi 5 \times 253$	87	101	106	39.0	42.0	4968	8296
$\Phi 5 \times 265$	90	105	110	40.8	44.2	5203	8689
$\Phi 5 \times 283$	92	107	112	43.6	46.7	5557	9280
$\Phi 5 \times 301$	95	111	116	46.4	49.8	5910	9870
$\Phi 5 \times 313$	97	113	118	48.2	51.9	6146	10263
$\Phi 5 \times 337$	100	117	122	51.9	55.5	6617	11050
$\Phi 5 \times 349$	101	118	123	53.8	57.4	6853	11444
$\Phi 5 \times 367$	105	121	126	56.6	60.4	7206	12034
$\Phi 5 \times 379$	107	123	128	58.4	62.5	7442	12428
$\Phi 5 \times 409$	110	128	133	63.0	67.2	8031	13411
$\Phi 5 \times 421$	111	129	134	64.9	69.1	8266	13805
$\Phi 5 \times 439$	115	133	138	67.7	72.4	8620	14395
$\Phi 5 \times 451$	116	135	140	69.5	74.6	8855	14788
$\Phi 5 \times 475$	119	137	142	73.2	77.9	9327	15575
$\Phi 5 \times 499$	120	139	148	76.9	82.5	9798	16362
$\Phi 5 \times 511$	123	143	152	78.8	85.2	10033	16756
$\Phi 5 \times 547$	127	147	156	84.3	90.6	10740	17936
$\Phi 5 \times 583$	130	150	159	89.9	96.3	11447	19117
$\Phi 5 \times 595$	133	153	162	91.7	98.7	11683	19510
$\Phi 5 \times 649$	137	157	166	100.0	106.7	12743	21281

NEW PWS CABLE

- Comply with standard GB/T18365-2001.
- Apply to tensile cables, stay cable and hanger cables.
- The external surface of the sheath can be provided with knurling or two helical PE rod($d > 90\text{mm}$).

$\Phi 7\text{mm}$ $\sigma_b = 1670\text{MPa}$



D1: Outer diameter with single sheath D2: Outer diameter with double sheath
 Φ : wire diameter d: Max. diameter of wire bundle

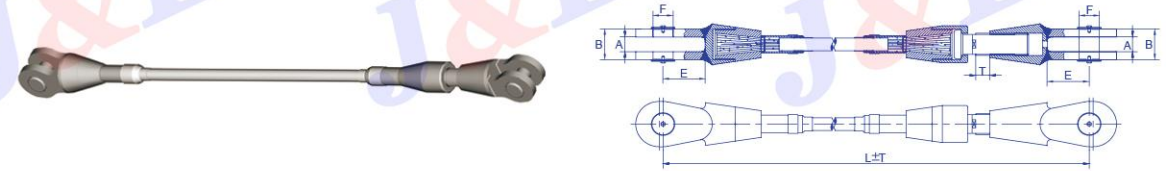
Specification	d (mm)	D1 (mm)	D2 (mm)	Nominal Metallic Mass (kg/m)	Cable Strand Mass (kg/m)	Nominal Metallic Cross Section (mm ²)	Breaking Load (kN)
$\Phi 7 \times 7$	21	30		2.1	2.5	269	450
$\Phi 7 \times 13$	31	40		3.9	4.5	500	835
$\Phi 7 \times 19$	35	45	50	5.7	6.8	731	1221
$\Phi 7 \times 31$	44	55	60	9.4	10.7	1193	1992
$\Phi 7 \times 37$	49	60	65	11.2	12.8	1424	2378
$\Phi 7 \times 55$	58	68	72	16.6	18.1	2117	3535
$\Phi 7 \times 61$	63	73	77	18.4	20.3	2348	3920
$\Phi 7 \times 73$	68	78	82	22.1	23.9	2809	4692
$\Phi 7 \times 85$	71	83	87	25.7	27.7	3271	5463
$\Phi 7 \times 91$	77	89	93	27.5	30.2	3502	5848
$\Phi 7 \times 109$	81	93	97	32.9	35.3	4195	7005
$\Phi 7 \times 121$	85	99	103	36.6	39.4	4657	7777
$\Phi 7 \times 127$	91	105	109	38.4	41.9	4888	8162
$\Phi 7 \times 139$	92	107	111	42.0	44.9	5349	8933
$\Phi 7 \times 151$	94	109	113	45.6	48.6	5811	9705
$\Phi 7 \times 163$	99	114	118	49.2	52.7	6273	10476
$\Phi 7 \times 187$	105	121	125	56.5	59.9	7197	12018
$\Phi 7 \times 199$	108	124	128	60.1	63.8	7658	12790
$\Phi 7 \times 211$	113	129	133	63.7	68.1	8120	13561
$\Phi 7 \times 223$	116	133	137	67.4	71.6	8582	14332
$\Phi 7 \times 241$	119	135	139	72.8	76.8	9275	15489
$\Phi 7 \times 253$	122	139	143	76.4	81.0	9737	16260
$\Phi 7 \times 265$	127	144	148	80.1	85.4	10198	17031
$\Phi 7 \times 283$	129	147	151	85.5	90.3	10891	18188
$\Phi 7 \times 301$	133	151	155	90.9	96.0	11584	19345
$\Phi 7 \times 313$	135	154	158	94.6	100.0	12046	20116
$\Phi 7 \times 337$	141	160	164	101.8	107.2	12969	21659
$\Phi 7 \times 349$	142	162	166	105.4	111.1	13431	22430
$\Phi 7 \times 367$	147	167	171	110.9	117.2	14124	23587
$\Phi 7 \times 379$	149	170	174	114.5	121.3	14586	24358
$\Phi 7 \times 409$	155	176	180	123.6	130.2	15740	26286
$\Phi 7 \times 421$	155	177	181	127.2	133.8	16202	27057
$\Phi 7 \times 439$	161	183	187	132.6	140.3	16895	28214
$\Phi 7 \times 451$	163	185	189	136.2	144.2	17357	28985
$\Phi 7 \times 475$	166	190	194	143.5	151.5	18280	30528
$\Phi 7 \times 499$	169	193	202	150.7	160.3	19204	32070
$\Phi 7 \times 511$	172	197	206	154.4	164.9	19666	32841
$\Phi 7 \times 547$	177	204	213	165.3	175.9	21051	35155
$\Phi 7 \times 583$	182	209	218	176.1	187.4	22436	37469
$\Phi 7 \times 595$	186	213	222	179.8	192.0	22898	38240
$\Phi 7 \times 649$	192	220	229	196.1	208.2	24976	41711

FORK SOCKET WITH THREAD ROD(ONE-WAY)

Patent No. ZL 2006 2 0175525.X

- Apply to large span structure.
- Good waterproof performance.
- Improved live end can decrease the bending moment and bending stress.
- There is space between the thread rod and socket for easy handling when installation.

$\Phi 5$ series



Specification	Cable Strand Diameter (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	T (mm)
$\Phi 5 \times 7$	22	26	50	36	66	26	40
$\Phi 5 \times 13$	30	34	66	48	85	35	45
$\Phi 5 \times 19$	40	37	73	61	95	42	50
$\Phi 5 \times 31$	45	48	98	84	115	59	50
$\Phi 5 \times 37$	50	48	98	84	115	59	70
$\Phi 5 \times 55$	55	58	118	110	140	72	80
$\Phi 5 \times 61$	59	63	133	110	160	75	80
$\Phi 5 \times 73$	63	73	153	116	170	83	80
$\Phi 5 \times 85$	65	73	153	125	190	88	80
$\Phi 5 \times 91$	69	78	158	134	200	94	80
$\Phi 5 \times 109$	72	83	173	145	220	103	100
$\Phi 5 \times 121$	75	88	178	158	230	108	100
$\Phi 5 \times 127$	79	93	183	167	235	113	100
$\Phi 5 \times 139$	82	95	195	170	245	118	100
$\Phi 5 \times 151$	83	97	197	182	260	122	100
$\Phi 5 \times 163$	88	99	209	182	275	127	100
$\Phi 5 \times 187$	92	103	213	203	290	137	100
$\Phi 5 \times 199$	94	108	228	205	300	142	100
$\Phi 5 \times 211$	98	112	232	218	310	146	100
$\Phi 5 \times 223$	100	115	235	225	320	150	100
$\Phi 5 \times 241$	102	119	239	240	330	156	100
$\Phi 5 \times 253$	106	123	243	250	340	159	100
$\Phi 5 \times 265$	110	125	245	263	350	167	120
$\Phi 5 \times 283$	112	131	261	263	360	172	120
$\Phi 5 \times 301$	116	145	285	265	370	177	120

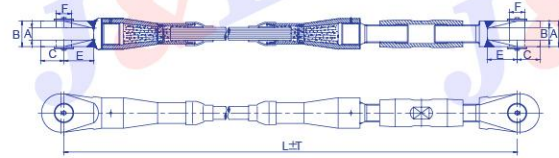
Note: 1. The fork opening(A) and adjustable value(T) can be changed according to the project requirements.
 2. $\Phi 7$ series anchorage sizes can be replaced by $\Phi 5$ series as per its breaking load.

FORK SOCKET WITH TURNBUCKLE

Patent No. ZL 2006 2 0175527.9

- Apply to medium and large size cable, with one live end and the other end fixed
- A large adjusting scope is available.

Φ5 series



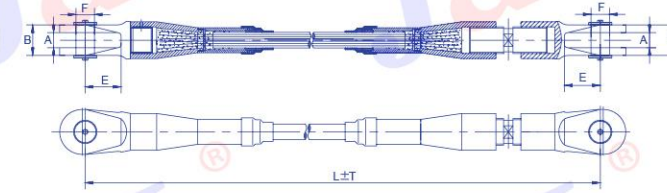
Specification	Cable Strand Diameter (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	T (mm)
Φ5×7	22	26	50	36	66	26	75
Φ5×13	30	34	66	48	85	35	75
Φ5×19	40	37	73	61	95	42	100
Φ5×31	45	48	98	84	115	59	100
Φ5×37	50	48	98	84	115	59	100
Φ5×55	55	58	118	110	140	72	100
Φ5×61	59	63	133	110	160	75	100
Φ5×73	63	73	153	116	170	83	100
Φ5×85	65	73	153	125	190	88	100
Φ5×91	69	78	158	134	200	94	100
Φ5×109	72	83	173	145	220	103	100
Φ5×121	75	88	178	158	230	108	100
Φ5×127	79	93	183	167	235	113	150
Φ5×139	82	95	195	170	245	118	150
Φ5×151	83	97	197	182	260	122	150
Φ5×187	92	103	213	203	290	137	150
Φ5×199	94	108	228	205	300	142	150
Φ5×211	98	112	232	218	310	146	150
Φ5×223	100	115	235	225	320	150	150
Φ5×241	102	119	239	240	330	156	150
Φ5×253	106	123	243	250	340	159	150
Φ5×265	110	125	245	263	350	167	150
Φ5×283	112	131	261	263	360	172	150
Φ5×301	116	145	285	265	370	177	200

Note: 1. The fork opening(A) and adjustable value(T) can be changed according to the project requirements.
2. Φ7 series anchorage sizes can be replaced byΦ5 series as per its breaking load.

FORK SOCKET WITH THREAD ROD(TWO-WAY)

- Apply to small cables, with one live end and the other end fixed;
- The adjusting scope can be designed with project requirements.
- A large adjusting scope is available.

Φ5 series



Specification	Cable Strand Diameter (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	T (mm)
Φ5×7	22	26	50	36	66	26	40
Φ5×13	30	34	66	48	85	35	45
Φ5×19	40	37	73	61	95	42	50
Φ5×31	45	48	98	84	115	59	55
Φ5×37	50	48	98	84	115	59	55
Φ5×55	55	58	118	110	140	72	60
Φ5×61	59	63	133	110	160	75	60
Φ5×73	63	73	153	116	170	83	60
Φ5×85	65	73	153	125	190	88	70
Φ5×91	69	78	158	134	200	94	70

Note: 1. The fork opening(A) and adjustable value(T) can be changed according to the project requirements.
2. Φ7 series anchorage sizes can be replaced byΦ5 series as per its breaking load.



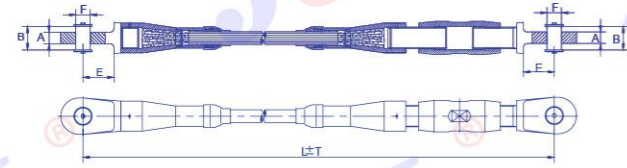
Changping Comprehensive Stadium is located in the west of Changping South Ring road. With a total of building area 22,556 square meters and inside 6,000seats, it is one of the largest and multi-purpose stadiums in Beijing.

The cable sizes of φ5x127, φ5x211 applied to this stadium.

EYE SOCKET WITH TURNBUCKLE

■ To cater for different connecting type, large adjusting scope is available.

Φ5 series



Specification	Cable Strand Diameter (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	T (mm)
Φ5×7	22	26	50	36	66	26	75
Φ5×13	30	34	66	48	85	35	75
Φ5×19	40	37	73	61	95	42	100
Φ5×31	45	48	98	84	115	59	100
Φ5×37	50	48	98	84	115	59	100
Φ5×55	55	58	118	110	140	72	100
Φ5×61	59	63	133	110	160	75	100
Φ5×73	63	73	153	116	170	83	100
Φ5×85	65	73	153	125	190	88	100
Φ5×91	69	78	158	134	200	94	100
Φ5×109	72	83	173	145	220	103	100
Φ5×121	75	88	178	158	230	108	100
Φ5×127	79	93	183	167	235	113	150
Φ5×139	82	95	195	170	245	118	150
Φ5×151	83	97	197	182	260	122	150
Φ5×163	88	99	209	182	275	127	150
Φ5×187	92	103	213	203	290	137	150
Φ5×199	94	108	228	205	300	142	150
Φ5×211	98	112	232	218	310	146	150
Φ5×223	100	115	235	225	320	150	150
Φ5×241	102	119	239	240	330	156	150
Φ5×253	106	123	243	250	340	159	150
Φ5×265	110	125	245	263	350	167	150
Φ5×283	112	131	261	263	360	172	150
Φ5×301	116	145	285	265	370	177	200

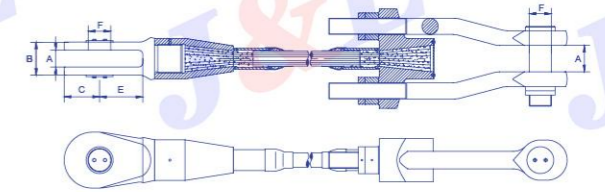
Note: 1. The fork opening(A) and adjustable value(T) can be changed according to the project requirements.
2. Φ7 series anchorage sizes can be replaced byΦ5 series as per its breaking load.

FORK SOCKET WITH DOUBLE THREAD ROD

Patent No. ZL 2006 2 0175528.3

- Apply to medium and small cables.
- With one live end and another end fixed;
- The adjusting scope can be designed with project requirements.

Φ5 series



Specification	Cable Strand Diameter (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	T (mm)
Φ5×73	63	73	153	116	170	83	80
Φ5×85	65	73	153	125	190	88	80
Φ5×91	69	78	158	134	200	94	80
Φ5×109	72	83	173	145	220	103	100
Φ5×121	75	88	178	158	230	108	100
Φ5×127	79	93	183	167	235	113	100
Φ5×139	82	95	195	170	245	118	100
Φ5×151	83	97	197	182	260	122	100
Φ5×163	88	99	209	182	275	127	100
Φ5×187	92	103	213	203	290	137	100
Φ5×199	94	108	228	205	300	142	100
Φ5×211	98	112	232	218	310	146	100
Φ5×223	100	115	235	225	320	150	100
Φ5×241	102	119	239	240	330	156	100
Φ5×253	106	123	243	250	340	159	100
Φ5×265	110	125	245	263	350	167	120
Φ5×283	112	131	261	263	360	172	120
Φ5×301	116	145	285	265	370	177	120

Note: 1. The fork opening(A) and adjustable value(T) can be changed according to the project requirements.
2. Φ7 series anchorage sizes can be replaced byΦ5 series as per its breaking load.

