

PWS Cable (7mm)

◆ Special Process of cable body : double helix line (D > 90mm)



Strands with wire diameter of $\Phi 7$ mm

Specifications	Diameter of wire bundle (mm)	Single sheath diameter (mm)	Double sheath diameter (mm)	Cable Body Weight (kg/m)	Wire Section Area (mm ²)	Breaking Load(kN)	
						1670Mpa	1860Mpa
$\phi 7 \times 7$	21	30		3	269	450	501
$\phi 7 \times 13$	31	40		5	500	835	931
$\phi 7 \times 19$	35	45	50	7	731	1,221	1,360
$\phi 7 \times 31$	44	55	60	11	1,193	1,992	2,219
$\phi 7 \times 37$	49	60	65	13	1,424	2,378	2,649
$\phi 7 \times 55$	58	68	72	18	2,117	3,535	3,938
$\phi 7 \times 61$	63	73	77	21	2,348	3,920	4,367
$\phi 7 \times 73$	68	78	82	24	2,809	4,692	5,225
$\phi 7 \times 85$	71	83	87	28	3,271	5,463	6,084
$\phi 7 \times 91$	77	89	93	30	3,502	5,848	6,514
$\phi 7 \times 109$	81	93	97	36	4,195	7,005	7,803
$\phi 7 \times 121$	85	99	103	40	4,657	7,777	8,662
$\phi 7 \times 127$	91	105	109	42	4,888	8,162	9,092
$\phi 7 \times 139$	92	107	111	46	5,349	8,933	9,949
$\phi 7 \times 151$	94	109	113	49	5,811	9,705	10,808
$\phi 7 \times 163$	99	114	120	54	6,273	10,476	11,668
$\phi 7 \times 187$	105	121	127	61	7,197	12,018	13,386
$\phi 7 \times 199$	108	124	130	65	7,658	12,790	14,244
$\phi 7 \times 211$	113	129	135	69	8,120	13,561	15,103
$\phi 7 \times 223$	116	133	139	73	8,582	14,332	15,963
$\phi 7 \times 241$	119	135	141	78	9,275	15,489	17,252
$\phi 7 \times 253$	122	139	145	82	9,737	16,260	18,111
$\phi 7 \times 265$	127	144	150	86	10,198	17,031	18,968
$\phi 7 \times 283$	129	147	153	92	10,891	18,188	20,257
$\phi 7 \times 301$	133	151	157	97	11,584	19,345	21,546
$\phi 7 \times 313$	135	154	160	101	12,046	20,116	22,406
$\phi 7 \times 337$	141	160	166	109	12,969	21,659	24,122
$\phi 7 \times 349$	142	162	168	113	13,431	22,430	24,982
$\phi 7 \times 367$	147	167	173	119	14,124	23,587	26,271
$\phi 7 \times 379$	149	170	178	123	14,586	24,358	27,130
$\phi 7 \times 409$	155	176	184	133	15,740	26,286	29,276
$\phi 7 \times 421$	155	177	185	136	16,202	27,057	30,136
$\phi 7 \times 439$	161	183	191	142	16,895	28,214	31,425
$\phi 7 \times 451$	163	185	193	146	17,357	28,985	32,284
$\phi 7 \times 475$	166	190	198	154	18,280	30,528	34,001
$\phi 7 \times 499$	169	193	202	161	19,204	32,070	35,719
$\phi 7 \times 511$	172	197	206	165	19,666	32,841	36,578
$\phi 7 \times 547$	177	204	213	176	21,051	35,155	39,155
$\phi 7 \times 583$	182	209	218	188	22,436	37,469	41,732
$\phi 7 \times 595$	186	213	222	193	22,898	38,240	42,591
$\phi 7 \times 649$	192	220	229	209	24,976	41,711	46,456

Cylindrical Socket (7mm)



φ7mm wire, Grade = 1670Mpa

Specifications	Tensioning end anchor cup L1 (mm)	Fixed end anchor cup L2 (mm)	Height of Nut H (mm)	OD of the Nut d1 (mm)	O.D of Anchor Cup d2 (mm)	Tension end internal thread d3(mm)	Adjustable length (mm)
φ7 x55	350	295	90	220	Tr175x8	Tr130x8	±102
φ7x61	360	295	90	230	Tr180x8	Tr135x8	±102
φ7 x73	370	295	90	245	Tr190x8	Tr140x8	±102
φ7 x85	410	325	110	270	Tr205x10	Tr150x8	±107
φ7 x91	410	325	110	275	Tr210x10	Tr155x8	±107
φ7x 109	430	335	110	305	Tr225x10	Tr166x10	±112
φ7x 121	450	340	135	310	Tr240x12	Tr175x10	±102
φ7x 127	450	345	135	320	Tr245x12	Tr180x10	±105
φ7x 139	460	350	135	325	Tr250x12	Tr180x12	±107
φ7x 151	480	355	135	340	Tr266x12	Tr190x12	±110
φ7x 163	510	375	135	350	Tr270x12	Tr195x12	±120
φ7x 187	520	375	155	380	Tr285x12	Tr205x12	±110
φ7x 199	540	395	155	385	Tr300x14	Tr215x14	±120
φ7x 211	555	395	180	405	Tr310x14	Tr220x14	±107
φ7x 223	575	410	190	405	Tr315x14	Tr225x14	±110
φ7x 241	585	415	180	425	Tr330x16	Tr235x16	±117
φ7x 253	595	425	180	440	Tr335x16	Tr240x16	±122
φ7x 266	610	425	200	445	Tr345x16	Tr245x16	±112
φ7x 283	635	445	200	450	Tr345x18	Tr245x18	±122
φ7x 301	645	450	200	475	Tr360x18	Tr255x18	±125
φ7x313	655	460	200	480	Tr365x18	Tr260x18	±130
φ7x 337	695	480	220	495	Tr385x20	Tr270x18	±130
φ7x 349	710	495	220	505	Tr385x20	Tr270x20	±137
φ7x 367	715	500	220	510	Tr390x20	Tr275x20	±140
φ7x 379	725	510	220	530	Tr400x20	Tr280x20	±145
φ7x 409	755	510	245	540	Tr415x22	Tr290x22	±132
φ7x 421	775	530	245	545	Tr420x22	Tr295x22	±142
φ7x 439	785	540	245	560	Tr425x22	Tr300x22	±147
φ7x 451	790	545	245	560	Tr430x22	Tr300x22	±150
φ7x 475	815	550	265	580	Tr445x24	Tr310x24	±142

PWS Cable(5mm)

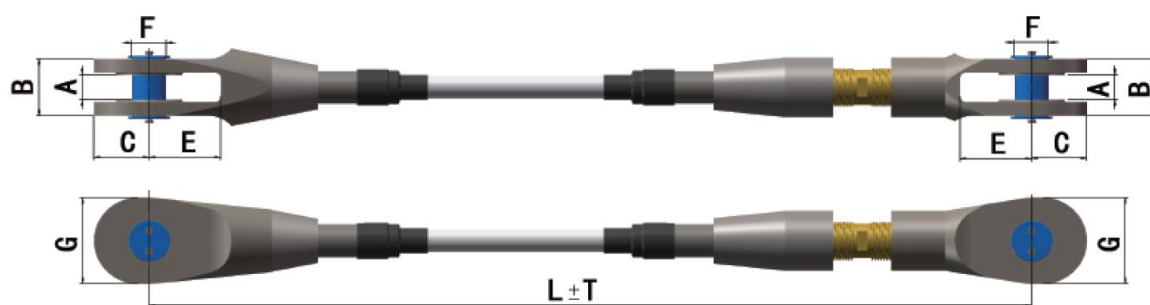
◆ Special Process of cable body : double helix line (D > 90mm)



Strands with wire diameter of $\Phi 5\text{mm}$

Specifications	Diameter of wire bundle (mm)	Single sheath diameter (mm)	Double sheath diameter (mm)	Cable Body Weight (kg/m)	Wire Section Area (mm ²)	Breaking Load(kN)
						1670Mpa
$\phi 5 \times 7$	15	22		1	137	230
$\phi 5 \times 13$	22	30		2	255	426
$\phi 5 \times 19$	25	35	40	3	373	623
$\phi 5 \times 31$	32	40	45	5	609	1,017
$\phi 5 \times 37$	35	45	50	6	726	1,213
$\phi 5 \times 55$	41	51	55	9	1,080	1,804
$\phi 5 \times 61$	45	55	59	9	1,198	2,001
$\phi 5 \times 73$	49	59	63	11	1,433	2,393
$\phi 5 \times 85$	51	61	65	13	1,669	2,787
$\phi 5 \times 91$	55	65	69	14	1,787	2,984
$\phi 5 \times 109$	58	68	72	17	2,140	3,574
$\phi 5 \times 121$	61	71	75	19	2,376	3,968
$\phi 5 \times 127$	65	75	79	20	2,494	4,165
$\phi 5 \times 139$	66	78	82	21	2,729	4,557
$\phi 5 \times 151$	68	79	83	23	2,965	4,952
$\phi 5 \times 163$	71	83	88	25	3,200	5,345
$\phi 5 \times 187$	75	87	92	29	3,672	6,132
$\phi 5 \times 199$	77	89	94	31	3,907	6,525
$\phi 5 \times 211$	81	93	98	33	4,143	6,919
$\phi 5 \times 223$	83	95	100	34	4,379	7,312
$\phi 5 \times 241$	85	97	102	37	4,732	7,902
$\phi 5 \times 253$	87	101	106	39	4,968	8,296
$\phi 5 \times 265$	90	105	110	41	5,203	8,689
$\phi 5 \times 283$	92	107	112	44	5,557	9,280
$\phi 5 \times 301$	95	111	116	46	5,910	9,870
$\phi 5 \times 313$	97	113	118	48	6,146	10,263
$\phi 5 \times 337$	100	117	122	52	6,617	11,050
$\phi 5 \times 349$	101	118	123	54	6,853	11,444
$\phi 5 \times 367$	105	121	126	57	7,206	12,034
$\phi 5 \times 379$	107	123	128	58	7,442	12,428
$\phi 5 \times 409$	110	128	133	63	8,031	13,411
$\phi 5 \times 421$	111	129	134	65	8,266	13,805
$\phi 5 \times 439$	115	133	138	68	8,620	14,395
$\phi 5 \times 451$	116	135	140	70	8,855	14,788
$\phi 5 \times 475$	119	137	142	73	9,327	15,575
$\phi 5 \times 499$	120	139	148	77	9,798	16,362
$\phi 5 \times 511$	123	143	152	79	10,033	16,756
$\phi 5 \times 547$	127	147	156	84	10,740	17,936
$\phi 5 \times 583$	130	150	159	90	11,447	19,117
$\phi 5 \times 595$	133	153	162	92	11,683	19,510
$\phi 5 \times 649$	137	157	166	100	12,743	21,281

Fork socket (5mm)



φ5mm wire, Grade = 1670Mpa

Specifications	Dia (mm)	A In Opening (mm)	B Out Opening (mm)	C End distance (mm)	E Fork Ear Depth	F Pin Dia. (mm)	G Ear Plate Width	T Adjust (mm)	Breaking Load 1670Mpa
φ5×7	22	25	55	45	70	29	70	50	230
φ5×13	30	35	75	61	85	39	95	50	426
φ5×19	40	40	85	73	110	46	114	50	623
φ5×31	45	50	105	95	130	59	148	50	1017
φ5×37	50	55	115	103	140	64	162	80	1213
φ5×55	55	65	135	126	165	78	200	80	1804
φ5×61	59	70	145	133	175	83	210	80	2001
φ5×73	63	75	155	145	190	89	228	80	2393
φ5×85	65	80	165	156	205	96	248	80	2787
φ5×91	69	85	175	160	210	98	252	80	2984
φ5×109	72	90	185	175	225	108	280	100	3574
φ5×121	75	95	195	185	240	114	295	100	3968
φ5×127	79	100	205	190	245	116	300	100	4165
φ5×139	82	105	215	198	255	122	315	100	4557
φ5×151	83	110	225	205	260	127	325	100	4952
φ5×163	88	115	235	215	270	132	340	100	5345
φ5×187	92	120	245	230	295	142	365	100	6132
φ5×199	94	120	250	237	300	146	375	100	6525
φ5×211	98	125	260	243	300	148	385	100	6919
φ5×223	100	135	275	250	315	154	400	100	7312
φ5×241	102	140	285	265	325	165	420	100	7902
φ5×253	106	140	290	275	340	172	435	100	8296
φ5×265	110	145	295	282	340	175	445	120	8689
φ5×283	112	145	300	290	355	180	460	120	9280
φ5×301	116	155	315	300	365	186	475	120	9870

Cylindrical socket (5mm)



φ5mm wire

Specifications	L1 (mm)	L2 (mm)	H (mm)	d1 (mm)	d1 (mm)	d3 (mm)	Breaking Load 1670Mpa	Reference Size of Embedded pip(mm)
φ5×55	280	240	75	190	Tr140×6	Tr110×6	1804	168x8
φ5×61	310	240	75	190	Tr140×6	Tr110×6	2001	168x8
φ5×73	350	280	100	210	Tr160×8	Tr120×8	2393	180x5
φ5×85	350	280	100	210	Tr160×8	Tr120×8	2787	180x5
φ5×91	365	295	100	230	Tr170×8	Tr130×8	2984	194x5
φ5×109	390	295	120	240	Tr180×10	Tr135×10	3574	203x6
φ5×121	400	305	120	250	Tr190×10	Tr140×10	3968	219x8
φ5×127	410	315	120	260	Tr200×10	Tr150×10	4165	245x15
φ5×139	430	325	120	270	Tr200×10	Tr150×10	4557	245x15
φ5×151	440	325	120	270	Tr200×10	Tr150×10	4952	245x15
φ5×163	460	345	140	280	Tr210×12	Tr155×12	5345	245x10
φ5×187	470	355	140	290	Tr220×12	Tr160×12	6132	273x10
φ5×199	500	360	140	300	Tr230×12	Tr165×14	6525	273x12
φ5×211	500	360	140	300	Tr230×12	Tr170×14	6919	273x12
φ5×223	510	370	170	310	Tr240×12	Tr175×14	7312	273x8
φ5×241	530	380	170	330	Tr250×14	Tr180×14	7902	273x6.5
φ5×253	560	390	170	340	Tr260×14	Tr190×16	8296	299x12
φ5×265	570	400	170	340	Tr260×14	Tr190×16	8689	299x12
φ5×283	580	410	170	350	Tr270×14	Tr200×16	9280	299x7.5
φ5×301	590	420	190	360	Tr280×16	Tr205×16	9870	325x4