

SP COLT2 App Wire Rope Library

If you have a rope dimension that is not yet in our App library this can easily be added, additions are unlimited.

Instructions - how to add a specific wire rope to the COLT App library

Metric Ropes					
SI No	Rope Name	Rope Dia(mm - Inch)	Strand Configuration	Material	WLL
1	6mm 7x19 WRC	6mm - 15/64"	7x19	Galvanised	0.478te
2	8mm 7x19 WRC	8mm - 5/16"	7x19	Galvanised	0.900te
3	9mm 6X36 WC	9mm - 23/64"	6X36	Galvanised	1te
4	10mm 7X19 WSC	10mm - 25/64"	7X19	Galvanised	1.2te
5	12mm 7X19 WSC	12mm - 15/32"	7X19	Galvanised	1.85te
6	12mm 6X36 WC	12mm - 15/32"	6X36	Galvanised	1.83te
7	14mm 7X19 WRC	14mm - 35/64"	7X19	Galvanised	2.79te
8	16mm 7X19 WSC	16mm - 5/8"	7X19	Galvanised	3te
9	18mm 6X36 IWRC	18mm - 45/64"	6X36	Galvanised	4.1te
10	19mm 7X19 WSC	19mm - 3/4"	7x19	Galvanised	3.6te
11	20mm 6X36 IWRC	20mm - 25/32"	6X36	Galvanised	3.8te
12	22mm 6X36 WC	22mm - 55/64"	6X36	Galvanised	5te
13	24mm 6X36 IWRC	24mm - 15/16"	6X36	Galvanised	5te
14	16mm 1X36 WS	16mm - 5/8"	1X36	Galvanised	3.5te
15	12mm P545	12mm - 15/32"	P545	Galvanised	2.5te
16	16mm P545	16mm - 5/8"	P545	Galvanised	3.5te
17	14mm COMPAK WC-14	14mm - 35/64"	COMPAK	Stainless Steel	3te
18	16mm COMPAK WC-16	16mm - 5/8"	COMPAK	Stainless Steel	3.5te
19	10mm 6X36 WS+IWRC	10mm - 25/64"	6X36	Galvanised	1.42te
20	12.8mm 1x19 Scandic	12.8mm - 0.503"	1X19	Galvanised	2.834te
21	15.4mm 1X19 Scandic	15.4mm - 0.606"	1X19	Galvanised	3.5te

22	12.7mm 8X19 Filler Wire IWRC	12.7mm - 1/2"	8X19	Galvanised	1.57te
23	12.7mm 9X21 Filler Wire IWRC	12.7mm - 1/2"	9X21	Galvanised	2.234te
24	15.875mm 9X21 Filler Wire IWRC	15.875mm - 5/8"	9xX21	Galvanised	3.5te
25	10mm 9X17 Filler Wire IWRC	10mm - 0.393"	9X17	Galvanised	1.37te
26	12.7mm 6X25 IWRC 12	12.7mm - 1/2"	6X25	Galvanised	2.414te
27	16mm 8X19 Filler Wire IWRC	16mm - 0.629"	8X19	Galvanised	2.406te
28	12mm 6x26 WS Swaged	12mm - 0.472"	6x26	Galvanised	2.2te
29	12mm 6x36 WS- IWRC	12mm- 15/32"	6x36	Galvanised	1.642te
30	16mm 6x36 WS-IWRC	16mm- 0.629"	6x36	AISI316	2.92te
31	8mm 7x19 AISI316	8mm - 0.31"	7x19	AISI316	0.682te
32	16mm 6x19+WSC	16mm-0.629"	6x19	Galvanised	3.5te
33	13.5mm Parafil Type F	13.5mm - 0.531"	Polyaramid	Polyolefin	2.1te
34	17mm Parafil Type F	17mm - 0.669"	Polyaramid	Polyolefin	3te
35	11mm Parafil Type F	11mm-7/16"	Polyaramid	Polyolefin	1.064te
36	5mm 7x7 AISI316 Stainless Steel	5mm- 13/64"	7x7	AISI316	0.302te
37	20mm Parafil Type F	20mm- 0.787"	Polyaramid	Polyolefin	4.5te
38	19mm 6x26 WS-IWRC	19mm - 3/4"	6x26	Galvanised	3.5te
39	13.4mm 19x2.68 Scandic	13.4mm- 0.527"	19x2.68	Galvanised	2.6te
40	15.4mm 19x3.08 Scandic	15.4mm- 0.606"	19x3.08	Galvanised	3.5te
41	17.6mm 19x3.52 Scandic	17.6mm-0.690"	19x3.52	Galvanised	3.5te
42	16mm 6x36 SC	16mm- 0.629"	6x36	Galvanised	3te
43	12mm 19x7 RHOL	12mm - 15/32"	19x7	Galvanised	1.89te
44	NR2 10.5mm Catenary rope	10.5mm - 0.4"	19/2.1mm	Coppe/Bz din 48201	1.3te
45	12.7mm 6x17S rope	12.7mm - 1/2"	6x17S (8-8-1)	High Carbon Steel	1.92te
46	6mm 1x19 SS316	6mm - 15/64"	1x19	SS316	0.5te
47	8mm 1x19 SS316	8mm - 5/16"	1x19	SS316	0.84te
48	12mm 1x19 SS316	12mm - 15/32"	1x19	SS316	1.766te
49	NR3 16.8mm AAAC Earth wire	16.8mm - 0.661"	19x3.35	AAAC	0.940te
50	NR1 13.2mm Contact wire Copper Silver.	13.2mm - 0.520"	Solid Rail Contact wire	Cu/Ag	0.900te
51	4.9mm 6x7 Steel	4.9mm - 0.19"	6x7	Steel	0.378te
52	16.8mm 19x3.35 Earth wire	16.8mm - 0.661"	19x3.35	AAAC	0.800te
53	AISI 316 10mm 1x19	10 mm - 0.393"	1x19	Stainless Steel	1.652te
54	AISI 316 10mm 7x19	10mm - 0.393"	7x19	Stainless Steel	1.140te
55	AISI 316 14MM rope/17mm with PVC cover	14mm - 0.551"	1x19	SS with PVC cover	3.24te
56	16mm 1x19 AISI 316	16mm - 0.622"	1x19	Stainless Steel	4te

57	Super Swage IWRC 6 x WS (26) G/O 12.6mm	12.6mm - 0.496"	6x26	Stainless Steel	3.18te
58	1x19 G/O 12mm	12mm - 0.472"	1x19	DSR	2.508te
59	7x19 SS/O (SUS304) 12mm	12mm - 0.472"	7x19	SS/O (SUS304)	2.008te
60	7x19 SS/O (SUS304) 10mm	10mm - 0.393"	7x19	SS/O (SUS304)	1.394te
61	IWRC 13mm 6xWS (26) G/L	13mm - 0.511"	6x26	Stainless Steel	2.860te
62	10mm 1x19 INOX	10mm - 0.300"	1x19	INOX	1.64te
63	12mm 7x19 INOX	12mm - 0.400"	7x19	INOX	1.6te
64	10mm 7X19 INOX	10mm - 0.300"	7x19	INOX	1.1te
65	14mm 7x19 INOX	14mm - 0.551"	7x19	INOX	2.222te
66	14mm 1x19 INOX	14mm - 0.551"	1x19	INOX	3.304te
67	16mm 1x19 INOX	16mm - 0.622"	1x19	INOX	3.5te
68	6mm 1x19 Galvanised	6mm - 15/64"	1x19	Galvanised	0.684te
69	6mm 7x19 INOX	6mm - 15/64"	7x19	INOX	0.408te
70	5mm 1x19 INOX	5mm- 0.196"	1x19	INOX	0.44te
71	12mm 6x36 IWRC RHOL	12mm - 0.472"	6x36	IWRC Stainless	1.64te
72	10mm 6X36 IWRC RHOL	10mm - 0.393"	6x36	IWRC Stainless	1.16te
73	8mm 6x36 IWRC RHOL	8mm - 0.314"	6x36	IWRC Stainless	0.77te
74	13.2mm copper tin contact wire(for testing purpose only)	13.2mm - 0.510"	Solid Rail Contact Wire	Copper Tin	1.02te
75	12.3mm copper silver contact wire (For testing purpose only)	12.3mm - 0.480"	Solid Rail Contact wire	Copper Silver	0.740te
76	12.3mm copper wire with ID groove (For testing purpose only)	12.3mm - 0.480"	Solid Rail Contact wire	Hand Drawn Copper	0.760te
77	21mm 1x37 Galva	21mm - 0.826"	1x37	Galvanised Steel	3.5te
78	16mm 6x7+1pp Poly Steel-Galv	16mm - 0.629"	6x7	Galvanised Steel	1.307te
79	8mm 7x19 Galvanised Steel	8mm - 0.314"	7x19	Galvanised Steel	0.873te
80	8mm 7x7 Galvanised Steel	8mm - 0.314"	7x7	Galvanised Steel	0.725te
81	6mm 7x7 Galvanised Steel	6mm - 15/64"	7x7	Galvanised Steel	0.407te
82	5mm 7x19 Galvanised Steel	5mm - 0.196"	7x19	Galvanised Steel	0.345te
83	11.43mm A302799 GIPS	11.43mm - 0.45"	A302799	GIPS Galvanised Steel	1.815te
84	8.18mm A320327 GIPS	8.18mm - 0.322"	A320327	GIPS Galvanised Steel	1.743te
85	6.53mm A304874 GIPS	6.53mm - 0.25"	A304874	GIPS Galvanised Steel	0.54te
86	6.35mm A240250 GIPS	6.35mm - 0.25"	A240250	GIPS Galvanised Steel	0.526te
87	14mm 6x24 O/O (RUD)	14mm - 0.55"	6x24	Galvanised Steel	1.8te
88	16mm 6x24 (RUD)	16mm - 0.629"	6x24	Galvanised Steel	2.348te
89	18mm 6x24 (RUD)	18mm - 0.708"	6x24	Galvanised Steel	2.971te

90	20mm 6x24 (RUD)	20mm - 0.787"	6x24	Galvanised Steel	3.673te
91	16mm 6xWS(26)+IWRC Super Swaged	16mm - 0.622"	6x26	Galvanised Steel	5.000te
92	15.4mm 1x19 ARNT	15.4mm - 0.606"	1x19	Galvanised Steel	3.480te
93	16mm 6x36WS-FC ARNT	16mm - 0.629"	6x36	Galvanised Steel	3.972te
94	12mm 6x36WS-FC ARNT	12mm - 0.472"	6x36	Galvanised Steel	1.898te
95	18mm 6x36ws ARNT	18mm - 0.700"	6x36	Galvanised RHOL	4.260te
96	7.8mm JIS G 3537 MES 1X7 galvanised steel	7.8mm - 0.307"	1x7	Galvanised Steel	0.84te
97	6.9mm JIS G 3537 MES 1x7 galvanised steel	6.9mm - 0.271"	1x7	Galvanised Steel	0.658te
98	6mm JIS G 3537 MES 1x7 galvanised steel	6mm - 0.236"	1x7	Galvanised Steel	0.498te
99	10mm 1x19 EHS galvanised steel (NINH THANH.CO.LTD)	10mm - 0.393"	1x19	Galvanised Steel	1.61te
100	12mm 1x19 EHS galvanised steel (NINH THANH.CO.LTD)	12mm - 0.472"	1x19	Galvanised Steel	2.304te
101	8.25 7x2.7 Galvanised Steel (Stillmark - Guy wire type A)	8.25mm - 0.324"	7x2.7	Galvanised Steel	1.02te
102	10mm 1x19 Galvansied Steel (Stillmark - Guy wire type B)	10mm - 0.392"	1x19	Galvanised Steel	1.795te
103	13.75mm 19x2.75 Galvanised Steel (Stillmark - Guy wire type C)	13.75mm - 0.541"	19x2.75	Galvanised Steel	2.733te
104	22mm 6X36 WS+IWRC INOX - AISI 316 (Cableries Namuroises)	22mm - 0.866"	6x36	INOX AISI 316	3.5te
105	3mm 7x19 Stainless Marine Grade	3mm- 0.118"	7x19	Marine Grade Stainless	0.210te
106	6mm 7x7 Stainless Marine Grade	6mm - 0.236"	7x7	Marine Grade Stainless	0.460te
107	10.8mm 1X19 Galvanised steel	10.8mm-0.42"	1x19	Galvanised Steel	1.899te
108	21mm 1X37 Galvanised steel	21mm-0.82"	1x37	Galvanised Steel	5.000te
109	15mm 1X19 Galvanised steel	15mm-0.59"	1x19	Galvanised Steel	3.472te
110	12.5mm 1X19 Galvanised steel	12.5mm-0.49"	1x19	Galvanised Steel	2.508te
111	9mm 1X19 Galvanised steel	9mm-0.35"	1x19	Galvanised Steel	1.240te
112	7.2mm 1X12 Galvanised steel	7.2mm-0.28"	1x12	Galvanised Steel	0.799te
113	16mm 1X19 Galvanised steel	16mm-0.63"	1x19	Galvanised Steel	4.240te

Imperial Ropes					
SI No	Rope Name	Rope Dia(Inch-mm)	Strand Configuration	Material	WLL
1	3/16" 1X7 EHS (RED)	3/16" - 4.8mm	1X7	Galvanised	0.362te
2	1/4" 1X7 EHS (YELLOW)	1/4" - 6.4mm	1X7	Galvanised	0.603te
3	5/16" 1X7 EHS (BLACK)	5/16" - 7.9mm	1X7	Galvanised	1.016te
4	3/8" 1X7 EHS (ORANGE)	3/8" - 9.5mm	1X7	Galvanised	1.397te
5	7/16" 1X7 EHS (GREEN)	7/16" - 11.1mm	1X7	Galvanised	1.887te
6	1/2" 1X7 EHS (BLUE)	1/2" - 12.7mm	1X7	Galvanised	2.440te
7	5/8" 1X19 EHS (BLACK)	5/8" - 15.9mm	1X19	Galvanised	3.645te
8	11/16" 1X19 EHS (BLUE)	11/16" - 17.5mm	1X19	Galvanised	4.536te
9	3/4" 3X7 Pre-stressed	3/4" - 19mm	3X7	Galvanised	3te
10	3/4" 1X19 EHS (ORANGE)	3/4" - 19mm	1X19	Galvanised	3te
11	5/8" 1x7 EHS (BLACK)	5/8" - 15.9mm	1X7	Galvanised	3.5te
12	Messenger Copper Wire 0.813" 20.6mm	0.813" - 20.6mm	1 x 37	Copper	2.04te
13	Contact Wire 350kcmil Solid Grooved 0.62" 15.75mm	0.62" - 15.75mm	Solid Grooved	Copper	1.071te
14	1/2" 1X19 EHS (BLUE)	1/2" - 12.7mm	1 X 19	Galvanised	2.421te
15	9/16" 1X19 EHS (YELLOW)	9/16" - 14.3mm	1X19	Galvanised	3.175te
16	#4 ACSR (Swan)	0.250" - 6.35mm	6X1	ACSR	0.166te
17	#2 ACSR (Sparrow)	0.316" - 8.026mm	6X1	ACSR	0.259te
18	1/0 ACSR (Raven)	0.398" - 10.109mm	6X1	ACSR	0.388te
19	2/0 ACSR (Quail)	0.447" - 11.35mm	6X1	ACSR	0.482te
20	3/0 ACSR (Pegion)	0.502" - 12.7mm	6X1	ACSR	0.603te
21	4/0 ACSR (Penguin)	0.563" - 14.3mm	6X1	ACSR	0.753te
22	397.5 ACSR (Chickadee)	0.743" - 18.872mm	6X1	ACSR	0.901te
23	266.8 ACSR (Partridge)	0.642" - 16.3mm	26X7	ACSR	1.025te

24	336.4 ASC (Tulip)	0.684" - 17.37mm	18X1	ASC	0.787te
25	3/8" 7X19	3/8" - 9.525mm	7X19	Galvanised	1.306te
26	5/8" 1X19 CL-AL A586	5/8" - 15.875mm	1X19	Galvanised	3.5te
27	7/8" 1X19 EHS	22mm - 7/8"	1X19	Galvanised	3.5te
28	0.792" 19X1 477.0 Cosmos	20mm - 0.792"	19X1	AAC-Aluminium	0.758te
29	9/16" 1X7 EHS (YELLOW)	9/16" - 14.3mm	1X7	Galvanised	3.175te
30	2/0 1x18 Copper	25/64" - 10mm	1x18	Copper	0.368te
31	4/0 1x18 Copper	0.511" - 13mm	1x18	Copper	0.558te
32	1/2" 6x36 Fiber Wire	1/2" - 12.5mm	6x36	Fiber Wire	2.4te
33	5/8" 6x36 Fiber Core	5/8" - 16mm	6x36	Fiber Core	3.22te
34	9/16" 6x36 Fiber Wire	9/16" - 14mm	6x36	Fiber Wire	2.596te
35	3/4" 6x36 Fiber Core	3/4" - 19mm	6x36	Fiber Core	3.5te
36	5/8" 6x26 Ws-IWRC	5/8" - 16mm	6x26	WS-IWRC	3.5te
37	1/2" 1x7 Grade 270	1/2" - 12.7mm	1x7	Galvanised	2.97te
38	1" 1x19 EHS	1" - 25.4mm	1x19	Galvanised	3.80te
39	3/8" 6x19 CLASS GALV RRL EIPS	3/8" - 9.52mm	6x19	Galvanised	1.233te
40	1/2" 8x19 Seale Traction RRL Prestreched Hoist Rope	1/2" / 12.7mm	8x19	Bright (Uncoated)	1.315te
41	5/8" 8x19 Seale Traction RRL Prestreched Hoist Rope	5/8" - 16mm	8x19	Bright (Uncoated)	2.088te