



# TECHSPAN TECK CONNECTORS

600 / 1000V - Teck 90 -- Copper Chart

Selection No.	Catalog Number Aluminum (Standard)	Nickel Plated (Made to Order)	Stainless Steel (Made to Order)	Trade Hub Size	Diameter Over Outer Jacket	Diameter Over Armour	Dimension Length
1	RTK-050-1	RTKN-050-1	RTKSS-050-1	1/2"	0.525-0.650	0.415-0.570	2.10
2	RTK-050-2	RTKN-050-2	RTKSS-050-2	1/2"	0.650-0.775	0.540-0.695	2.10
3	RTK-050-3	RTKN-050-3	RTKSS-050-3	1/2"	0.750-0.875	0.640-0.795	2.10
4	RTK-050-4	RTKN-050-4	RTKSS-050-4	1/2"	0.860-0.985	0.750-0.905	2.10
5	RTK-075-5	RTKN-075-5	RTKSS-075-5	3/4"	0.955-1.080	0.845-1.000	2.45
6	RTK-075-6	RTKN-075-6	RTKSS-075-6	3/4"	1.080-1.205	0.970-1.125	2.45
7	RTK-100-7	RTKN-100-7	RTKSS-100-7	1"	1.205-1.305	1.085-1.270	2.45
8	RTK-125-8	RTKN-125-8	RTKSS-125-8	1-1/4"	1.305-1.475	1.240-1.395	3.35
9	RTK-125-9	RTKN-125-9	RTKSS-125-9	1-1/4"	1.475-1.600	1.365-1.520	3.35
10	RTK-125-10	RTKN-125-10	RTKSS-125-10	1-1/4"	1.600-1.725	1.490-1.645	3.35
11	RTK-150-11	RTKN-150-11	RTKSS-150-11	1-1/2"	1.725-1.850	1.615-1.770	3.70
12	RTK-150-12	RTKN-150-12	RTKSS-150-12	1-1/2"	1.850-1.975	1.740-1.895	3.70
13	RTK-150-13	RTKN-150-13	RTKSS-150-13	1-1/2"	1.975-2.100	1.865-2.020	3.70
14	RTK-200-14	RTKN-200-14	RTKSS-200-14	2"	2.100-2.225	1.990-2.145	4.05
15	RTK-200-15	RTKN-200-15	RTKSS-200-15	2"	2.225-2.350	2.115-2.270	4.05
16	RTK-200-16	RTKN-200-16	RTKSS-200-16	2"	2.350-2.475	2.240-2.395	4.05
17	RTK-200-17	RTKN-200-17	RTKSS-200-17	2"	2.475-2.600	2.365-2.520	4.05
18	RTK-200-18	RTKN-200-18	RTKSS-200-18	2"	2.600-2.725	2.490-2.645	4.05
19	RTK-250-19	RTKN-250-19	RTKSS-250-19	2.5"	2.700-2.850	2.560-2.760	5.60
20	RTK-250-20	RTKN-250-20	RTKSS-250-20	2.5"	2.850-3.000	2.710-29.10	5.60
21	RTK-300-21	RTKN-300-21	RTKSS-300-21	3"	3.000-3.150	2.860-3.060	6.00
22	RTK-300-22	RTKN-300-22	RTKSS-300-22	3"	3.150-3.300	3.010-3.210	6.00
23	RTK-300-23	RTKN-300-23	RTKSS-300-23	3"	3.300-3.450	3.160-3.360	6.00
24	RTK-350-24	RTKN-350-24	RTKSS-350-24	3.5"	3.450-3.600	3.300-3.500	6.12
25	RTK-350-25	RTKN-350-25	RTKSS-350-25	3.5"	3.600-3.750	3.450-3.650	6.12
26	RTK-350-26	RTKN-350-26	RTKSS-350-26	3.5"	3.750-3.900	3.600-3.800	6.12
27	RTK-400-27	RTKN-400-27	RTKSS-400-27	4"	3.900-4.050	3.750-3.940	6.12
28	RTK-400-28	RTKN-400-28	RTKSS-400-28	4"	4.050-4.200	3.900-4.090	6.12
29	RTK-400-29	RTKN-400-29	RTKSS-400-29	4"	4.200-4.350	4.050-4.240	6.12

The min./max. Dia. Over Outer Jacket are not always exact from the cable manufacturer. It is suggested that the diameter of the cable be checked for a more accurate cross. This information courtesy of Techspan.

Information is provided as a guideline only. Check your local code.

Prysmian (Pirelli)				
Selection No's.				
Wire AWG	Conductors			
	1	2	3	4
14	--	2	2	2,3
12	--	2	2,3	3
10	--	3	3	4
8	--	3,4	4	4,5
6	2	5	5,6	6
4	2,3	6	6,7	7
3	3	6,7	7	8
2	3	7	7	8
1	4	8	8,9	9,10
1/0	5	9	9	10,11
2/0	5	9	10	11
3/0	6	10	11	12,13
4/0	6	11	12	13,14
250	7	12,13	14	15
300	7	13,14	14,15	16
350	8	14,15	15	17
400	8	15	16	18
500	9	17	18	20
600	10	19	20	22
750	11	20	21	24
1000	12,13	23	24	26

Nexans				
Selection No's.				
Wire AWG	Conductors			
	1	2	3	4
14	--	2	2	2
12	--	2	2	3
10	--	2	3	3
8	--	4	5	5
6	3	5	6	7
4	3	6	7	7
3	4	7	7	8
2	4	7	8	8
1	5	8	9	10
1/0	5	9	9	11,13
2/0	6	9	11,12	11,12
3/0	6	10	11,12	14
4/0	7	11,12	14	14,15
250	7	14	14,15	16,17
300	7	14	14,15	17
350	8	14,15	16,17	18
400	8	16,17	17	19
500	9	17,18	19	21
600	9	--	20	--
750	11,12	--	21	--
1000	13	--	--	--

Alcan (NUAL® ACWU 90 600V)				
Selection No's.				
Wire AWG	Conductors			
	1	2	3	4
14	--	--	--	--
12	--	--	--	--
10	--	--	--	--
8	--	--	--	--
6	--	--	4	5
4	--	--	5	6
3	--	--	--	--
2	--	--	6	7
1	4	--	7	8
1/0	5	--	7,8	9
2/0	4,5	--	8	9
3/0	5	--	9	10
4/0	5	--	10	11
250	6	--	11	13
300	7	--	12	13,14
350	7	--	13	15
400	7	--	14	15,16
500	8	--	15	17
600	9	--	17	18,19
750	10	--	18	20
1000	11	--	--	--

BICC/General				
Selection No's.				
Wire AWG	Conductors			
	1	2	3	4
14	--	2	2	3
12	--	2,3	3	3,4
10	--	3	3,4	4
8	--	4	4	5
6	2,3	5	6	7
4	3	6	7	7,8
3	3	7	7	8
2	3,4	7	8	8
1	4,5	8	9	10
1/0	5	9	10	11
2/0	5	9	11	12
3/0	6	10	12	13
4/0	6	11	12,13	14
250	7	12	14	15,16
300	8	13	15	--
350	8	14	16	17,18
400	8	15	17	--
500	9	16	18	20
600	10	--	--	--
750	10	19	21	23
1000	12	21	23	26

600V cable used for 14/12/10 awg. 1000V cable used for 8 awg -- 1000MCM. 600V cable used for ALCAN NUAL® ACWU90 Cable

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