

BURNDY® Products

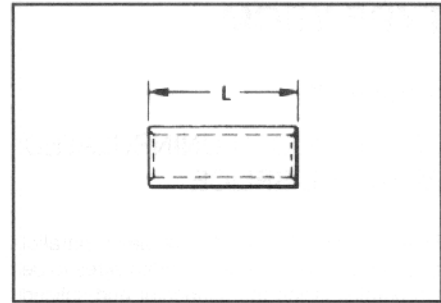
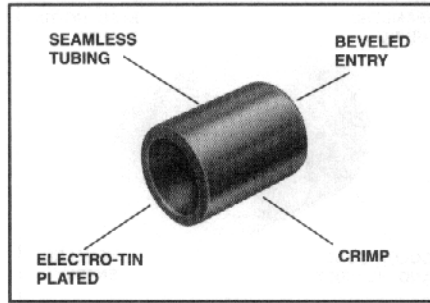
Compression

TYPE YSM

HYLINK™

UNINSULATED PARALLEL SPLICE

HYLINK™ type YSM seamless parallel splice connector permits wires to be laid parallel inside the connector and spliced together with Burndy's compression HYTOOL™. Each YSM connector accommodates a wide combination of round, square, and rectangular copper conductors that have a total combined circular mil area listed in the table below. The conductors to be spliced must physically fit within the splice without being forced.



B-43

CATALOG NUMBER	CIRCULAR MIL. RANGE		DIMENSIONS L	INSTALLATION TOOLING				WIRE STRIP LENGTH
				RATCHET	MECHANICAL HYTOOL	HYPRESS Y35BH, Y39BH*		
						NEST	INDENTOR	
YSM18	300	1,909	.25	MR8-9Q*	—	—	—	5/16"
YSM14	477	4,107	.25	MR8-9Q*	—	—	—	5/16"
YSM10	4,107	10,380	.36	MR8-9Q*, MR4CQ	—	—	—	7/16"
YSM8C	6,088	16,864	.41	MR4CQ Y2MR	MY29-11 or MY28 (1) Crimp	UV8L-1	—	1/2"
YSM6C	10,380	26,813	.44			UV6L		1/2"
YSM4C	26,813	42,613	.50	UV4L		Y29PQ	9/16"	
YSM2C	42,613	66,832	.62	Y2MR		UV2L	—	11/16"
YSM1C	66,832	81,807	.62	—		UV1L	—	11/16"
YSM25	81,807	104,110	.69	—		UV25L	Y29PQ-6	3/4"
YSM26	104,110	133,650	.81	—		UV26L		7/8"
YSM27	133,650	167,332	.81	—		UV27L		7/8"
YSM28	167,332	211,954	.88	—		UV28L		15/16"

- * Remove stop plate.
- Use Y35P indenter adapter, with Y35BH and Y39BH HYPRESSES.

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)	Flex. Bunch or Rope Lay Dia. (In Approx.)
30	100.5	.010003	.012	
29	126.7	.01126	-	
28	159.8	.01264	.015	
27	201.5	.01420	-	
26	254.1	.01594	.019	
25	320.4	.01790	-	
24	404.0	.02010	.024	
23	509.5	.02257	-	
22	642.4	.02535	.030	
21	810.1	.02845	-	
20	1022	.03196	.038	
19	1288	.03589	-	
18	1624	.04030	.0460	
17	2048	.04526	-	
16	2583	.05082	.0585	
15	3257	.05707	-	
14	4107	.06408	.0735	

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)	Flex. Bunch or Rope Lay Dia. (In Approx.)
13	5178	.07196	-	-
12	6530	.08081	.0931	.101
11	8234	.09074	-	-
10	10380	.1019	.117	.126
9	13090	.1144	.132	.146
8	16510	.1285	.148	.157-.162
7	20820	.1433	.166	.179-.196
6	26250	.1620	.186	.207-.215
5	33100	.1819	.209	.235-.240
4	41740	.2043	.235	.263-.269
3	52640	.2294	.264	.219-.305
2	66370	.2576	.297	.319-.337
1	83690	.2893	.333	.367-.376
1/0	105500	.3249	.374	.441-.423
2/0	133100	.3648	.420	.500-.508
3/0	167800	.4096	.472	.549-.576
4/0	211600	.4600	.530	.613-.645