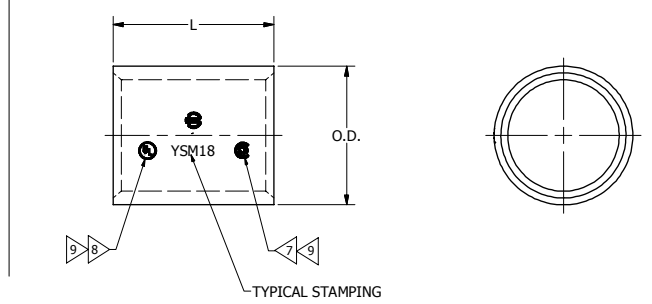
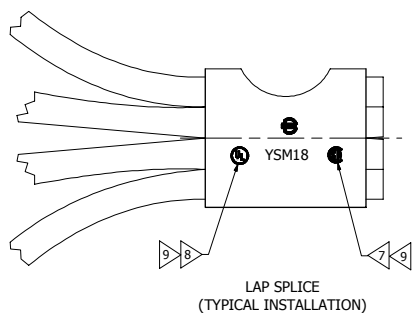


CATALOG NUMBER	CONDUCTOR RANGE								DIMENSIONS			INSTALLATION TOOLING				WIRE STRIP LENGTH		
	CABLE				SOLID WIRE				L ±.05	O.D. ±.01	WALL ±.008	COLOR CODE	DIE INDEX	HYTOOL™			HYPRESS™	
	SQ.IN. AREA MIN.	SQ.IN. AREA MAX.	CIRCULAR MILS MIN.	CIRCULAR MILS MAX.	SQ.IN. AREA MIN.	SQ.IN. AREA MAX.	CIRCULAR MILS MIN.	CIRCULAR MILS MAX.						Y29B NEST	Y29B INDENTOR		Y35,Y35BH,Y39,Y39BH NEST	Y35,Y35BH,Y39,Y39BH INDENTOR
YSM18	.0002	.0013	300	1,909	.0008	.0020	1,022	2,540	.25 [6]	.12 [3]	.036 [1]	----	----	----	----	----	----	5/16"
YSM14G1	.0004	.0032	477	4,107	.0020	.0055	2,540	7,001	.15 [4]	.16 [4]	.035 [1]	----	----	----	----	----	----	1/4"
YSM14	.0004	.0032	477	4,107	.0020	.0055	2,540	7,001	.25 [6]	.16 [4]	.035 [1]	----	----	----	----	----	----	5/16"
YSM10G7	.0032	.0082	4,107	10,380	.0055	.0123	7,001	15,658	.34 [9]	.21 [5]	.041 [1]	----	----	----	----	----	----	7/16"
YSM10	.0032	.0082	4,107	10,380	.0055	.0123	7,001	15,658	.36 [9]	.21 [5]	.041 [1]	----	----	----	----	----	----	7/16"
YSM9CG1	.0082	.0103	10,380	13,090	----	----	----	----	.44 [11]	.23 [6]	.039 [1]	----	----	----	----	----	----	1/2"
YSM8C	.0048	.0132	6,088	16,864	.0123	.0229	15,658	29,139	.41 [10]	.27 [7]	.045 [1]	----	----	----	----	----	----	1/2"
YSM8CG3	.0048	.0132	6,088	16,864	.0123	.0229	15,658	29,139	.75 [19]	.27 [7]	.045 [1]	RED	49	----	----	----	----	13/16"
YSM6C	.0082	.0211	10,380	26,813	.0229	.0361	29,139	45,955	.44 [11]	.31 [8]	.044 [1]	----	----	MR4CQ Y2MR	----	UV6L	----	1/2"
YSM6CG6	.0082	.0211	10,380	26,813	.0229	.0361	29,139	45,955	.75 [19]	.31 [8]	.044 [1]	BLUE	7	MR4CQ Y2MR	Y29PQ	UV6L	Y29PQ	13/16"
YSM4C	.0211	.0335	26,813	42,613	.0361	.0473	45,955	61,000	.50 [13]	.38 [10]	.046 [1]	GRAY	8	MR4CQ Y2MR	----	UV4L	----	9/16"
YSM2C	.0335	.0497	42,613	66,832	.0473	.0824	61,000	105,000	.62 [16]	.47 [12]	.052 [1]	BROWN	10	Y2MR	MY29-11 OR MY28 1 CRIMP	UV2L	----	11/16"
YSM1C	.0497	.0632	66,832	81,807	.0824	.1075	105,000	137,000	.62 [16]	.52 [13]	.060 [2]	----	----	----	----	UV1L	----	11/16"
YSM25	.0632	.0811	81,807	104,110	.1075	.1244	137,000	157,000	.69 [18]	.57 [14]	.060 [2]	----	----	----	----	UV25L	UV25L	3/4"
YSM26	.0811	.1042	104,110	133,650	.1244	.1590	157,000	197,000	.81 [21]	.64 [16]	.065 [2]	----	----	----	----	UV26L	UV26L	7/8"
YSM27	.1042	.1304	133,650	167,332	.1590	.1963	197,000	250,000	.81 [21]	.70 [18]	.069 [2]	----	----	----	----	UV27L	UV27L	7/8"
YSM28	.1304	.1650	167,332	211,954	.1963	.2356	250,000	300,000	.88 [22]	.78 [20]	.073 [2]	----	----	----	----	UV28L	UV28L	15/16"

REV	DATE	DESCRIPTION	ECO	BY	CHK.
F	06/04/2014	REMOVED UV8L1 FROM THE DRAWING	36368	RK	MB

CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS			HYTOOL™	TOOL SETTING	WIRE STRIP LENGTH
	STRANDED COPPER WIRE		L ±.05	O.D. ±.01	WALL ±.008			
	QUANTITY	SIZE						
YSM2C	5	#10 AWG	.62 [16]	.46 [12]	.052 [1]	MY-28	COPPER AIRCRAFT CABLE #4 - #2 (1 CRIMP)	11/16"
	6							
	7							
	8							
	9							
YSM4C	3	#10 AWG	.50 [13]	.38 [10]	.046 [1]	MY-28	COPPER AIRCRAFT CABLE #8 - #6 (1 CRIMP)	9/16"
	4							
	4							
	5							
	6							
YSM6C	2	#12 AWG	.44 [11]	.31 [8]	.044 [1]	MY-28	COPPER AIRCRAFT CABLE #8 - #6 (1 CRIMP)	1/2"
	3							
	4							
	3							
	4							

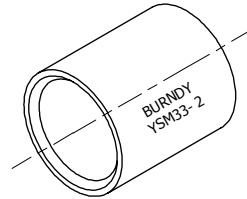


- NOTES:
- MATERIAL: COPPER PER ASTM B75.
 - FINISH: TIN PLATED. FOR NICKEL PLATING AT MINIMUM 200 MICRO INCHES THICK, ADD SUFFIX "NK" TO THE CAT. NO.
 - MR8-9Q CAN BE USED IF STOP PLATE IS REMOVED.
 - INDENTORS USED WITH THE Y35 AND Y35BH HYPRESS™ TOOLS ARE HELD WITH THE Y35P ADAPTOR.
 - FOR ADDITIONAL INSTALLATION TOOLING REFER TO FACTORY.
 - DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.
- ▶ ALL STANDARD CATALOG NUMBERS ARE CSA APPROVED (SEE TABLE 1 FOR EXCEPTIONS).
 - ▶ YSM6C, YSM4C AND YSM2C ARE UL LISTED SEE TABLE 2 FOR TOOLING AND LISTED COMBINATIONS.
 - ▶ THESE CONNECTORS (SEE TABLE 1) ARE NOT UL OR CSA APPROVED.
 - ▶ BURNDY® TEST DATA DOES NOT EXIST FOR THIS COMBINATION OF CRIMP TOOL AND CONNECTOR.

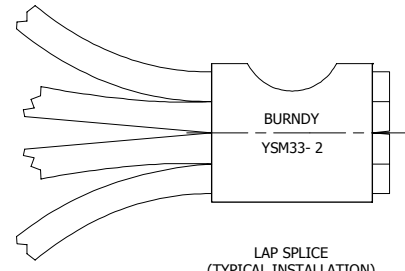
TO ORDER BURNDY® PRODUCTS CALL		PARALLEL HYLINK™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: N/A	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YSM- (TABLE)	
FOR PRODUCT INFO: http://www.burndy.com		DRAWN BY: H.E.B. 10/09/1958	
		CHECKER: C.R.S. 10/10/1958	
		DSN APRVL: K.WOO 04/25/1996	
		RFG APRVL: --	
		QA APRVL: J. BRODEUR 04/25/1996	
		MKT APRVL: G. SCHWEBLER 04/29/1996	
		PROJ #:	
		SIZE: D	
		DRAWING NO: SC041139	
		REV: F	
		SHEET 1 OF 2	

CATALOG NUMBER	CONDUCTOR RANGES IN CIRCULAR MILS		DIMENSIONS			INSTALLATION TOOLING (# OF CRIMPS)				WIRE STRIP LENGTH
	MIN.	MAX.	L ± .05	O.D. ± .01	WALL ± .008	DIE TYPE	HYDRAULIC TOOLS		Y46	
							Y35, Y39, Y750 PAT35, PAT750	Y46		
YSM29-2	211,500	275,000	1.38 [35]	.75 [19]	.077 [2]	NEST	U29D1 (1)	U29D1 (1)		1-7/16"
YSM30-2	250,000	330,000	1.38 [35]	.81 [21]	.081 [2]	NEST	U30D1 (1)	U30D1 (1)		1-7/16"
						INDENTOR	Y34PR11	Y34PR11		
YSM31-2	270,000	385,000	1.50 [38]	.88 [22]	.087 [2]	NEST	U31D1 (1)	U31D1 (1)		1-9/16"
						INDENTOR	Y34PR11	Y34PR11		
YSM32-2	290,000	440,000	1.50 [38]	.95 [24]	.095 [2]	NEST	U32D1 (1)	U32D1 (1)		1-9/16"
						INDENTOR	Y34PR11	Y34PR11		
YSM33-2	350,000	495,000	1.50 [38]	1.01 [26]	.104 [3]	NEST	U33D1 (1)	U33D1 (1)		1-9/16"
						INDENTOR	Y34PR11	Y34PR11		
YSM34-2	400,000	550,000	1.62 [41]	1.06 [27]	.113 [3]	NEST	U34D1 (1)	U34D1 (1)		1-11/16"
						INDENTOR	Y34PR11	Y34PR11		
YSM35-2	440,000	605,000	1.62 [41]	1.12 [28]	.125 [3]	NEST	U35D1 (1)	U35D1 (1)		1-11/16"
						INDENTOR	Y34PR11	Y34PR11		
YSM36-2	480,000	660,000	1.62 [41]	1.19 [30]	.132 [3]	NEST	-----	P36D (1)		1-11/16"
						INDENTOR	-----	P48PR2		
YSM38-2	600,000	770,000	1.88 [48]	1.25 [32]	.133 [3]	NEST	-----	P38D (1)		1-15/16"
						INDENTOR	-----	P48PR2		
YSM40-2	675,000	880,000	1.88 [48]	1.35 [34]	.149 [4]	NEST	-----	P40D (1)		1-15/16"
						INDENTOR	-----	P48PR2		
YSM41-2	800,000	935,000	1.88 [48]	1.38 [35]	.153 [4]	NEST	-----	P41D (1)		1-15/16"
						INDENTOR	-----	P48PR2		
YSM44-2	800,000	1,100,000	1.88 [48]	1.49 [38]	.164 [4]	NEST	-----	P44D (1)		1-15/16"
						INDENTOR	-----	P48PR2		

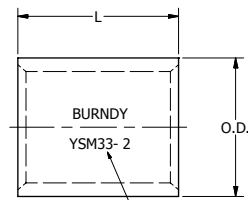
REV	DATE	DESCRIPTION	ECO	BY	C'HK.
F	06/04/2014	REMOVED UV8L1 FROM THE DRAWING	36368	RK	MB



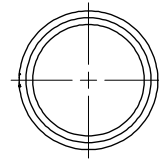
ISOMETRIC VIEW



LAP SPLICE
(TYPICAL INSTALLATION)



TYPICAL STAMPING



- NOTES:
1. MATERIAL: COPPER.
 2. FINISH: TIN PLATED.
 3. CATALOG NUMBER PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 HYPRESS™.
 4. CATALOG NUMBER Y35P3 ADAPTOR DIE IS REQUIRED FOR Y34PR11 INDENTOR.
 5. FOR ADDITIONAL INSTALLATION TOOLING REFER TO FACTORY.
 6. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.
 7. MIXED CONDUCTOR RANGE ACCOMMODATED BY CONNECTOR BARRELS. THESE REPRESENT TOTALS FOR PARALLEL HYLINKS™.
 8. WHEN INSTALLING MIXED CONDUCTOR COMBINATIONS, IDENT INTO STRANDED CABLES WHILE LOCATING MAGNET WIRES IN NEST DIE AREA.
 9. SPLICING OF MIXED COMBINATIONS OF COPPER MAGNET WIRE AND COPPER STRANDED CABLES.

SUGGESTED METHOD OF SELECTING CONNECTOR AND INSTALLATION TOOLING:

DETERMINE CROSS SECTION (CIRCULAR MIL AREA) OF CONDUCTORS. COMPARE TOTAL AREA WITH THE MIN-MAX RANGES AS SHOWN IN TABLE. SELECT CONNECTOR WHICH ACCEPTS THE CONDUCTORS WITH OPTIMUM SNUG FIT. IF THERE IS AN EXCESS OF VOIDS AROUND THE MAGNET WIRES THEY SHOULD BE PRE-SHAPED FOR FIT INTO A SMALLER CONNECTOR. AN ALTERNATE METHOD OF REDUCING VOIDS BETWEEN COPPER STRAPS IS BY ADDING COPPER FILLERS. USE NEST AND INDENTOR DIES WITH ASSOCIATED CONNECTORS AS OUTLINED IN TABLE. TRIAL INSTALLATIONS SHOULD BE CROSS SECTIONED THROUGH DEEPEST PORTION OF INDENT AND SHOULD REVEAL A MINIMUM OF VOIDS BETWEEN CONDUCTORS. CONTACT BURNDY™ IF A CONNECTOR RECOMMENDATION CANNOT BE RESOLVED.

SUPERSEDES: SD56814

TO ORDER BURNDY® PRODUCTS CALL		PARALLEL HYLINK™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: N/A	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YSM--- 2 (TABLE)	
FOR PRODUCT INFO: http://www.burndy.com		DRAWN BY: J. WALTERS 09/30/1997	
		CHECKER: -- --	
		DSN APRVL: K. WOO 03/25/1997	
		MFG APRVL: -- --	
		QA APRVL: J. BRODEUR 09/23/1997	
		MKT APRVL: G. SCHWEBLER 09/23/1997	
		PROD FAM: --	
		PROJECT #: --	
		SIZE: D	
		DRAWING NO: SC041139	
		REL LEVEL: Released	
		SHEET 2 OF 2	
		REV: F	

