

CONSTRUCTION GUIDELINE**TOOL AND DIE CROSS-REFERENCE FOR CONNECTORS****COPPER "C" & "H" CONNECTORS**

Connector Stock No.	Type	Run Wire Size	Tap Wire Size	Tool & Die		
				MD-6	Y35/Y39	T&B 12-15 Ton
677323E	C	#4	#4	W-BG (2)	U-BG (1)	–
677325E	C	#2	#4	W-C (2)	U-C (1)	–
677326E	C	#2	#2	W-C (2)	U-C (1)	–
677329E	C	1/0 to 2/0	1/0 to 2/0	–	U-O (3), U-E (1)	–
677330E	H	2/0 to 4/0	#4	–	D, D3 (1), DAD	–
677331E	H	2/0 to 4/0	1/0 to 2/0	–	D, D3 (1), DAD	–
677332E	H	2/0 to 4/0	2/0 to 4/0	–	D, D3 (1), DAD	–
677333	C	250 to 350	3/0 to #6	–	–	106H (black)
677336	C	2/0 to 300	2/0 to #8	–	–	99H (pink)

ORIGINATOR

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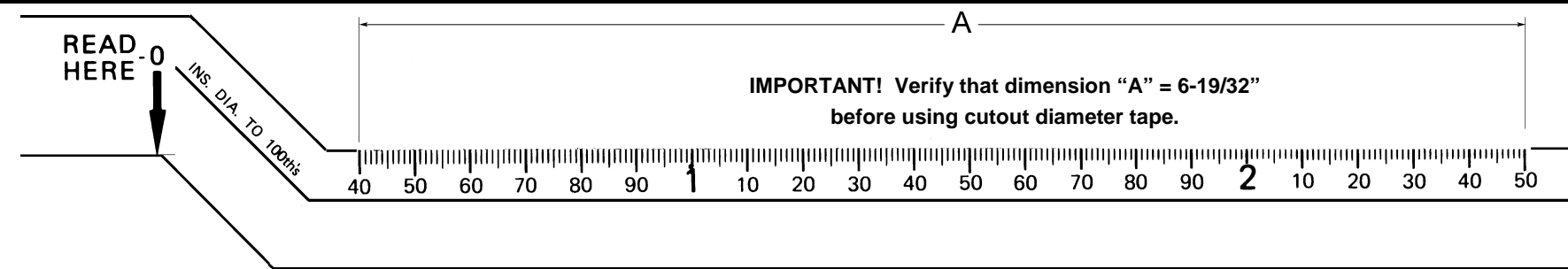
COPPER CONNECTORS
Connector Tool and Die Cross Reference

Common Tool Die Index	AWG or kcmil	Connector O.D.	Blackburn		Somerset – T & B			Kearney		Burndy				Burndy BCT500 Huskie REC-458U or 358
			O.D. 58 Hand	JB12A Hyd	Hand	Hyd	T&B Color	“O”	“WH”	Die Index	MD6 Hand	Y35/Y39 Hyd★	Y46 Hyd	
			–	–	–	24	Blue	–	–	7	–	U5CRT-2	–	W5CRT
8	4	0.34	5/16 BY 19	5/16	TJ	29	Gray	5/16	5/16	8, 161, 242 (244)	W161-2, W242-4	U4CRT-2, U161(U6CYDMT)-1, U242(U26RSYFT)-2	P242-1	W4CRT
10	2	0.42	3/8 BY 21	3/8	TL-TN	33	Brown	3/8	3/8	10, 162	W162-5	U2CRT-2, U162(U4CYDMT)-1	P162	W2CRT
11	1	0.46	–	–	TL-TN	37	Green	–	–	11, 276	–	U1CRT-2, U276(U6WKYDT)-4	–	W1CRT
12	1/0	0.51	1/2 BY 23	B96CH	TB	42	Pink	1/2	1/2	12, 163	W163-4	U25RT-2, U163-2	P163-2	W25RT
13	2/0	0.56	9/16 BY 25	B72CH	TS	45	Black	9/16	9/16	13, 164(275), 241	W164-4, W241-3	U26RT-2, U164(U1CYDMT)-2, U241(U1RYFT)-2	P164-2, P241-1	W26RT
14	3/0	0.62	9/16 BY 25	B08CH	TU	50	Orange	9/16	9/16	14, 243	W243-3	U27RT-2, U243(U25RYFT)-2	P243	W27RT
15	4/0	0.69	5/8-1 BY 31	B09CH	TW-TY	54	Purple	5/8-1	5/8-1	15, BG, 243	W-BG-2, W243-3	U28RT-2, U-BG-2, U243(U25RYFT)-2	P28R-2, P243-1	W28RT
16	250	0.75	11/16 BY 27	B10CH	TW-TY	62	Yellow	11/16	11/16	16, 166(206)	W166	U29RT-2, U166(U26YDT)-1	P166-1	W29RT
17	300	0.81	–	–	TV	66	White	–	781	17(C), 167(207), 211(256)	W-C -8, W167-8	U30RT-4, U-C(3), U167(U27YDT)-4	P 30R-2, P167-2	W30RT
18	350	0.88	840 BY 37	B11CH	TX	71	Red	–	840	18, 168(208)	W-O	U31RT-4, U168(U28YDT)-5	P31R2, P168-2	W31RT
20	500	1.06	–	B12CH	TH	87	Brown	–	1, 1 1/2	20, 251	–	U34RT-4, U251(U30RYFT)-7	P34R2, P251-2	W34RT
22	600	1.157	–	–	–	–	–	–	–	22	–	U36RT	P36RT	–
24	750	1.30	–	S39RT, 6039RT	–	106	Black	–	–	24, 209	–	S39RT, U209(U32YDT)	P39R-2, P209-2	–
27	1000	1.578	–	–	–	–	–	–	–	27	–	–	P44RT	–

★ T & B color coded dies will fit Burndy Y35 or Y39 tools.

SEATTLE CITY LIGHT
CONSTRUCTION
GUIDELINE

STANDARD NUMBER
D14-8/
NSV-10
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ALUMINUM CONNECTORS
Connector Tool and Die Cross Reference

EEI Die Code	General AWK/kcmil		Connector O. D.	Alcoa			Black-burn	Somerset T & B			Kearney		Burndy				Burndy BAT500 & BCT500, Huskie REC-458U or 358
	Con-centric Round	Compact Round		Alcoa Die Section	J12A Hyd	60 Ton Hyd	JB12A	UT5/TB M8 Hand	12/15 Ton Hyd	T&B Color	"O"	"WH"	Die Index	MD6 Hand	Y35/Y39 Hyd★	Y46 Hyd	
6A	#2	#1	0.531 0.625 Svc die	06AH	B06AH	-	B17EA	TO	45	Gold	1/2	1/2	348, 163, 239	W163 W239	U2CART, U163, U239	-	W163, W239
-	#1	1/0	0.531 0.625 Svc die	06AH	B06AH	-	B17EA	TQ	45	Gold	1/2	1/2	163, 471	W163	U1CART, U163	-	W163
7A	-	-	-	-	B07AH	-	-	-	-	-	-	-	-	-	-	-	-
8A	1/0	2/0	0.625	08AH	B08AH B72AH	-	B24EA	TU	52	-	5/8	5/8	241, 243, 253, 296	BG W241	U25ART, U241, U253, U243	P25AR, P241, P253	W241
9A	2/0	3/0	0.687	09AH	B09AH	-	B30EA	TW, TY	58, 58H	-	5/8	5/8	245, 297, BG BG	WBG W245	U26ART, U245, UBG	P26AR, P245	W245
10A	3/0	4/0	0.760	10AH	B10AH	-	B49EA	TV	66	White	0.737	0.737	166, 247, 467	W166 W247	U27ART, U166, U247	UP27AR ❖, P247	W166, W247, W694
11A	4/0	250	0.875 0.906 Svc die	11AH	B11AH	6011AH	B49EA	TX	76	Blue	840	840	298, 314, 660	W660	U28ART, U660	P28AR, P314	W249, W660
-	250	300	0.938 0.906 Svc die	11AH	B11AH	6011AH	B49EA	TX	76	Blue	840	840	249, 324, 658, K840	WK840 W249	U29ART, UK840, U249, U658	P29AR, P249	-
12A	300	-	1.010	12AH 75AH	12AH	-	B61EA	-	87, 87H	Brown	-	1.00	251, 470 L	WL	U30ART, U251, UL	P30AR, P251	-
13A	350	350	1.105	13AH	B13AH	6011AH	B80EA	-	96	-	-	1-1/8	299, 317, 705, 654, 655	-	U31ART, U654, U655, U705	P31AR, P654, P705	-
14A	400	400 & 450	1.187	14AH 20AH	B14AH B76AH	6076AH	B20EA	-	106H	Black	-	1-1/8	209, 472, 490	-	U32ART, U209, U490	P32AR	-
15A	500	600	1.320	15AH	B15AH	6020AH	-	-	115H	Yellow	-	1-5/16	209, 300 M, 317	-	U34ART, UM, U209	P34AR, P209	-
-	550	650	1.438	20AH	-	6020AH	-	-	115H	-	-	1-5/16	473	-	-	P36ART	-
-	600	700	1.438	20AH	-	6020AH	-	-	115H	-	-	1-5/16	473	-	-	P36ART	-
-	650	750	1.500 (1.530)	24AH	-	6024AH	-	-	125H	-	-	1-1/2	936	-	U39ART-2	P39ART- 2❖	-
-	700 (750)	800	1.594	24AH	-	6024AH	-	-	125H	-	-	1-1/2	301	-	-	P39ART	-
-	750	900	1.625	24AH	-	6024AH	-	-	140H	-	-	1-5/8	301	-	-	P39ART	-
-	954-1000	-	1.840	30AH	-	6030AH	-	-	140H	-	-	1-3/4	-	-	-	P44ART	-

★ T & B color coded dies will fit Burndy Y35 or Y39 tools.
❖ U dies with a Y46 require a P-UDAP adapter.
Use a diameter tape when measuring connector diameters, see page 2.