

DRAWING NO. SD055917		7		6		5		4		3		2		1						
CATALOG NUMBER		CONDUCTORS ACCOMMODATED				J REF.	P ±.02	B MIN EFF THD.	CFy ±.02	Wy REF.	H1 ±.03	L1 ±.03	O1 ±.03	CFx ±.02	Wx REF.	H2 ±.03	L2 ±.03	O2 ±.03	NUT TORQUE LBS*IN [N*M]	STUD TORQUE LBS*IN [N*M]
FIG. 1	FIG. 2	AWG.		METRIC WIRE SIZE																
		STRANDED	SOLID	STRANDED	SOLID															
KC15	K2C15	12 (.092 DIA) 9 (.130 DIA)	12 (.081 DIA) 8 (.128 DIA)	[4mm ² (2.6 DIA)]	[4mm ² (2.3 DIA)]	1/4-20 UNC-2A	.14 [3.6]	.37 [9.4]	.38 [9.7]	.44 [11.2]	.69 [17.5]	.119 [30.2]	.53 [13.5]	.50 [12.7]	.56 [14.2]	.81 [20.6]	.131 [33.3]	.66 [16.8]	80 [9.0]	80 [9.0]
KC15B	K2C15B			[6mm ² (3.2 DIA)]	[6mm ² (2.8 DIA)]			.87 [22.1]				1.69 [42.9]					1.81 [46.0]			
KC17	K2C17	10 (.116 DIA) 7 (.164 DIA)	10 (.102 DIA) 6 (.162 DIA)	[6mm ² (3.2 DIA)]	[6mm ² (2.8 DIA)]	1/4-20 UNC-2A	.17 [4.2]	.37 [9.4]	.44 [11.2]	.50 [12.7]	.84 [21.3]	.134 [34.0]	.66 [16.8]	.62 [15.7]	.69 [17.5]	1.00 [25.4]	.150 [38.1]	.81 [20.6]	80 [9.0]	80 [9.0]
KC17B	K2C17B			[10mm ² (4.1 DIA)]	[10mm ² (3.6 DIA)]			.87 [22.1]				1.84 [46.7]					2.00 [50.8]			
KC20	K2C20	10 (.116 DIA) 5 (.206 DIA)	10 (.102 DIA) 4 (.204 DIA)	[6mm ² (3.2 DIA)]	-----	5/16-18 UNC-2A	.22 [5.5]	.41 [10.4]	.50 [12.7]	.58 [14.7]	.86 [21.8]	.142 [36.1]	.70 [17.8]	.69 [17.5]	.78 [19.8]	1.06 [26.9]	.162 [41.1]	.91 [23.1]	165 [18.6]	180 [20.3]
KC20B1	K2C20B1			[16mm ² (5.1 DIA)]	-----			.85 [21.6]				1.92 [48.8]					2.06 [52.3]			
KC22	K2C22	10 (.116 DIA) 3 (.260 DIA)	10 (.102 DIA) 2 (.258 DIA)	[6mm ² (3.2 DIA)]	-----	3/8-16 UNC-2A	.26 [6.7]	.46 [11.7]	.62 [15.7]	.72 [18.3]	1.00 [25.4]	.162 [41.1]	.81 [20.6]	.75 [19.1]	.84 [21.3]	1.25 [31.8]	.188 [47.8]	1.06 [26.9]	275 [31.1]	280 [31.6]
KC22B1	K2C22B1			[25mm ² (6.5 DIA)]	-----			.96 [24.4]				2.12 [53.8]					2.38 [60.5]			
KC23	K2C23	8 (.146 DIA) 2 (.292 DIA)	10 (.102 DIA) 1 (.289 DIA)	[10mm ² (4.1 DIA)]	-----	3/8-16 UNC-2A	.32 [8.2]	.46 [11.7]	.62 [15.7]	.72 [18.3]	1.05 [26.7]	.167 [42.4]	.86 [21.8]	.81 [20.6]	.94 [23.9]	1.34 [34.0]	.197 [50.0]	1.16 [29.5]	275 [31.1]	280 [31.6]
KC23B1	K2C23B1			[35mm ² (6.5 DIA)]	-----			.97 [24.6]				2.19 [55.6]					2.47 [62.7]			
KC23-BDT	-	8 (.146 DIA) 2 (.292 DIA)	10 (.102 DIA) 1 (.289 DIA)	[10mm ² (4.1 DIA)] [35mm ² (6.5 DIA)]	----- -----	5/16-18 UNC-2A	.32 [8.2]	.44 [11.2]	.62 [15.7]	.72 [18.3]	1.05 [26.7]	1.49 [37.8]	.86 [21.8]	.81 [20.6]	.94 [23.9]	---	---	---	275 [31.1]	180 [20.3]
KC25	K2C25	2 (.292 DIA) 1/0 (.373 DIA)	2 (.258 DIA) 2/0 (.365 DIA)	[35mm ² (6.5 DIA)]	-----	1/2-13 UNC-2A	.39 [9.8]	.53 [13.5]	.75 [19.1]	.88 [22.4]	1.19 [30.2]	.194 [49.3]	1.00 [25.4]	.93 [23.6]	1.15 [29.2]	1.56 [39.6]	.231 [58.7]	1.38 [35.1]	385 [43.5]	480 [54.2]
KC25B1	K2C25B1			[50mm ² (9.3 DIA)]	-----			1.04 [26.4]				2.44 [62.0]					2.81 [71.4]			
KC25B1CB1	K2C25B1																			
FIG. 3	FIG. 4					REF	±.05		±.03	REF	±.05	±.05	±.05	±.03	REF	±.05	±.05	±.05		
KC26	K2C26	2 (.292 DIA) 2/0 (.419 DIA)	2 (.258 DIA) 3/0 (.410 DIA)	[35mm ² (6.5 DIA)]	-----	1/2-13 UNC-2A	.44 [11.0]	.52 [13.2]	.88 [22.4]	1.01 [25.7]	1.38 [35.1]	.212 [53.8]	1.16 [29.5]	1.04 [26.4]	1.28 [32.5]	1.81 [46.0]	.253 [64.3]	1.56 [39.6]	385 [43.5]	480 [54.2]
KC26B1	K2C26B			[70mm ² (9.3 DIA)]	-----			1.04 [26.4]				2.62 [66.5]					3.09 [78.5]			
KC28	K2C28	1 (.332 DIA) 4/0 (.528 DIA)	1 (.289 DIA) 4/0 (.460 DIA)	[50mm ² (9.3 DIA)]	-----	5/8-11 UNC-2A	.55 [14.0]	.75 [19.1]	1.18 [30.0]	1.00 [25.4]	1.94 [49.3]	.295 [74.9]	1.67 [42.4]	1.35 [34.3]	1.56 [39.6]	2.46 [62.5]	.344 [87.4]	2.20 [55.9]	500 [56.5]	660 [74.6]
KC28B1	K2C28B1			[95mm ² (12.8 DIA)]	-----			1.25 [31.8]				3.45 [87.6]					3.94 [100.1]			
KC31	K2C31	1 (.332 DIA) 350 Kcmil(.681 DIA)	----- -----	[50mm ² (9.3 DIA)]	-----	5/8-11 UNC-2A	.70 [17.8]	.75 [19.1]	1.43 [36.3]	1.29 [32.8]	2.19 [55.6]	.319 [81.0]	1.84 [46.7]	1.69 [42.9]	1.91 [48.5]	2.88 [73.2]	.388 [98.6]	2.53 [64.3]	650 [73.4]	660 [74.6]
KC31B1	K2C31B1			[150mm ² (16.0 DIA)]	-----			1.23 [31.2]				3.69 [93.7]					4.38 [111.3]			
KC34	K2C34	3/0 (.470 DIA) 500 Kcmil(.813 DIA)	----- -----	[95mm ² (12.8 DIA)]	-----	3/4-10 UNC-2A	.85 [21.5]	.99 [25.1]	1.62 [41.1]	1.45 [36.8]	2.38 [60.5]	.362 [91.9]	1.97 [50.0]	2.00 [50.8]	2.28 [57.9]	31.9 [81.0]	.444 [112.8]	2.78 [70.6]	825 [93.2]	1050 [118.7]
KC34B1	K2C34B1			[240mm ² (20.3 DIA)]	-----			1.49 [37.8]				4.12 [104.6]					4.94 [125.5]			
KC39	K2C39	350 Kcmil(.681 DIA) 750 Kcmil(.998 DIA)	----- -----	[185mm ² (17.8 DIA)]	-----	7/8-9 UNC-2A	1.01 [25.7]	.113 [25.4]	1.88 [47.8]	1.92 [48.8]	2.94 [74.7]	.432 [109.7]	2.53 [64.3]	2.31 [58.7]	2.62 [66.5]	3.94 [100.1]	.532 [135.1]	3.53 [89.7]	1000 [113.0]	1700 [192.1]
KC39B1	K2C39B1			[300mm ² (22.6 DIA)]	-----			1.63 [41.4]				4.82 [122.4]					5.82 [147.8]			
KC44	K2C44	500 Kcmil(.813 DIA) 1000 Kcmil(1.152 DIA)	----- -----	[300mm ² (22.6 DIA)]	-----	1-8 UNC-2A	1.17 [29.6]	.119 [30.2]	2.12 [53.8]	2.12 [53.8]	3.23 [82.0]	.473 [120.1]	2.83 [71.9]	2.56 [65.0]	2.91 [73.9]	4.39 [111.5]	.589 [149.6]	3.99 [101.3]	1100 [124.3]	2550 [288.2]
KC44B1	K2C44B1			[500mm ² (28.3 DIA)]	-----			1.69 [42.9]				5.23 [132.8]					6.42 [163.1]			
TO ORDER BURNDY® PRODUCTS CALL												SERVIT POST™ (MALE)								
UNITED STATES												ITEM NO: N/A								
1-800-346-4175 (LONDONDERRY, NH)												CAT. NO: KC--, K2C-- (TABLE)								
CANADA:												DRAWN BY: A.J.M. 4/16/94								
1-800-361-6975 (QUEBEC)												CHECKER: L.S.T. 4/25/94								
1-800-387-6487 (ALL OTHER PROVINCES)												DSN APPVL: H GOMES 09/14/17								
FOR PRODUCT INFO: http://www.burndy.com												MFG APPVL: P MARTEL 09/15/17								
												QA APPVL: C. LINDQUIST 09/19/17								
												MKT APPVL: P.WERTHMAN 4/94								
												PROD FAM: --								
												DRAWING NO								
												PROJECT #: --								
												DOCUMENT TYPE: Sales								
												REL LEVEL: Released								
												SIZE								
												D								
												SHEET 1 OF 2								
												REV								
												H								

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
J	09/05/2017 11:22:00 AM	NC25B1CB1 ROW ADDED ..	47461	SM	MB

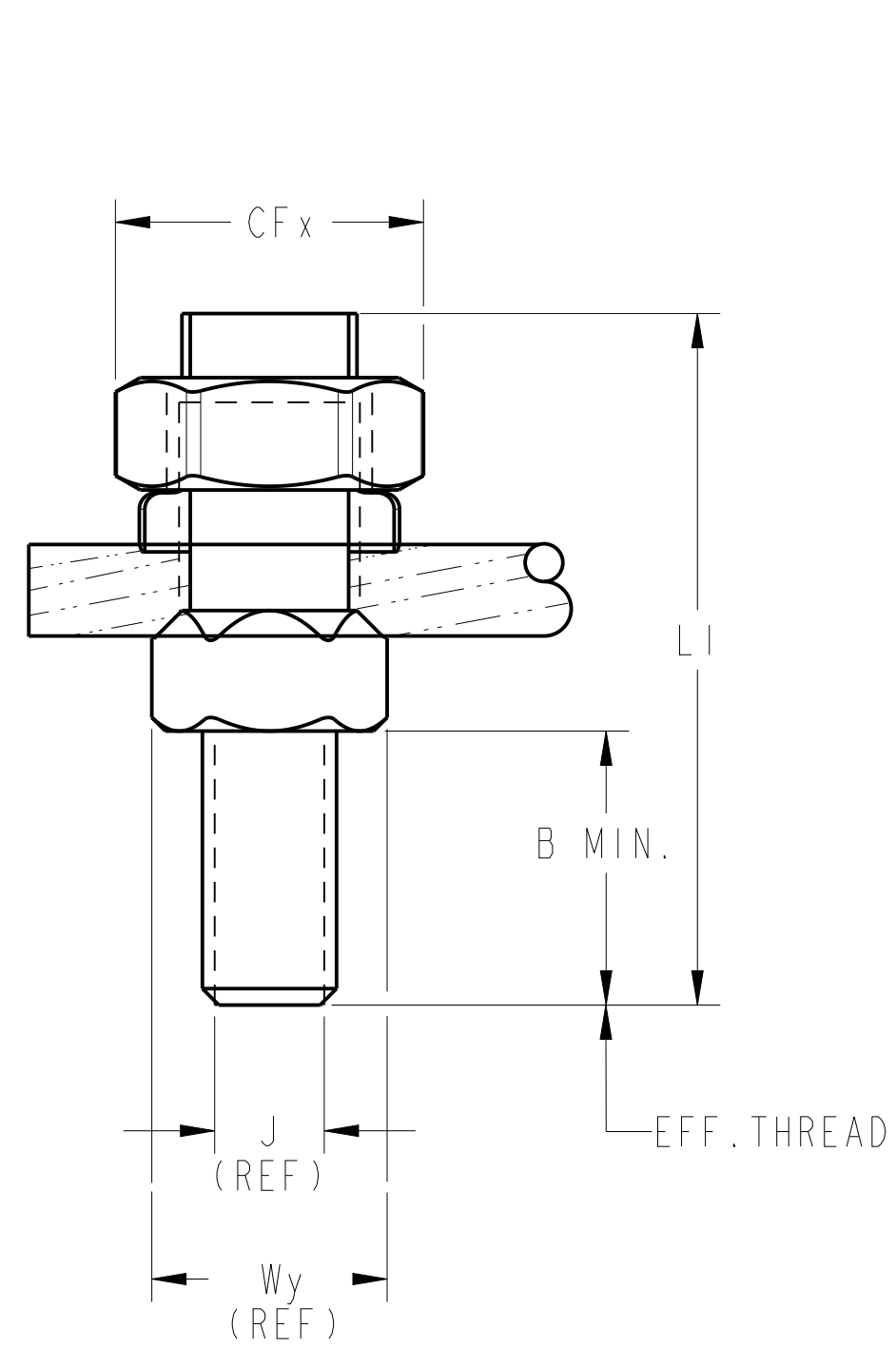


FIG. 1

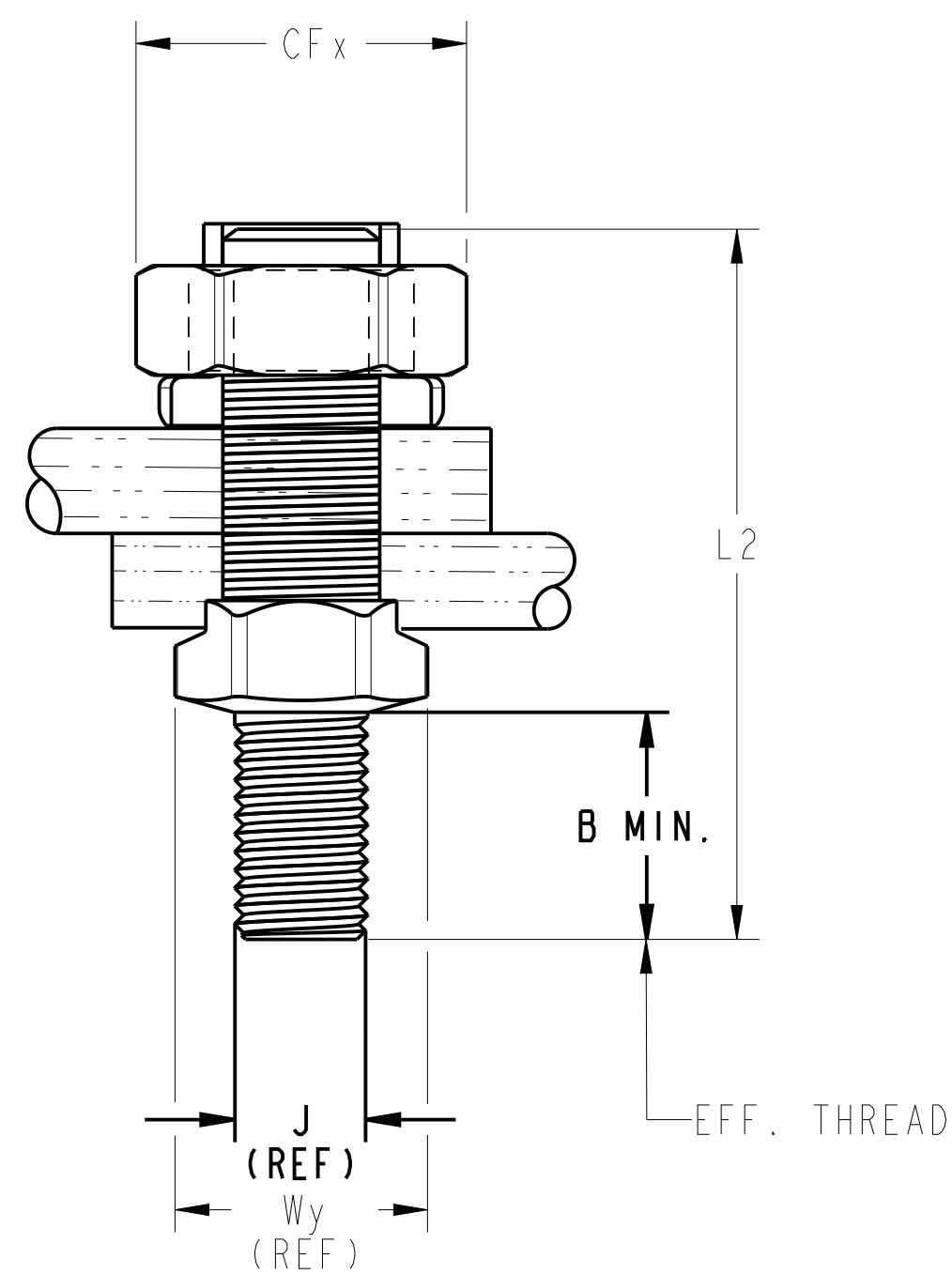
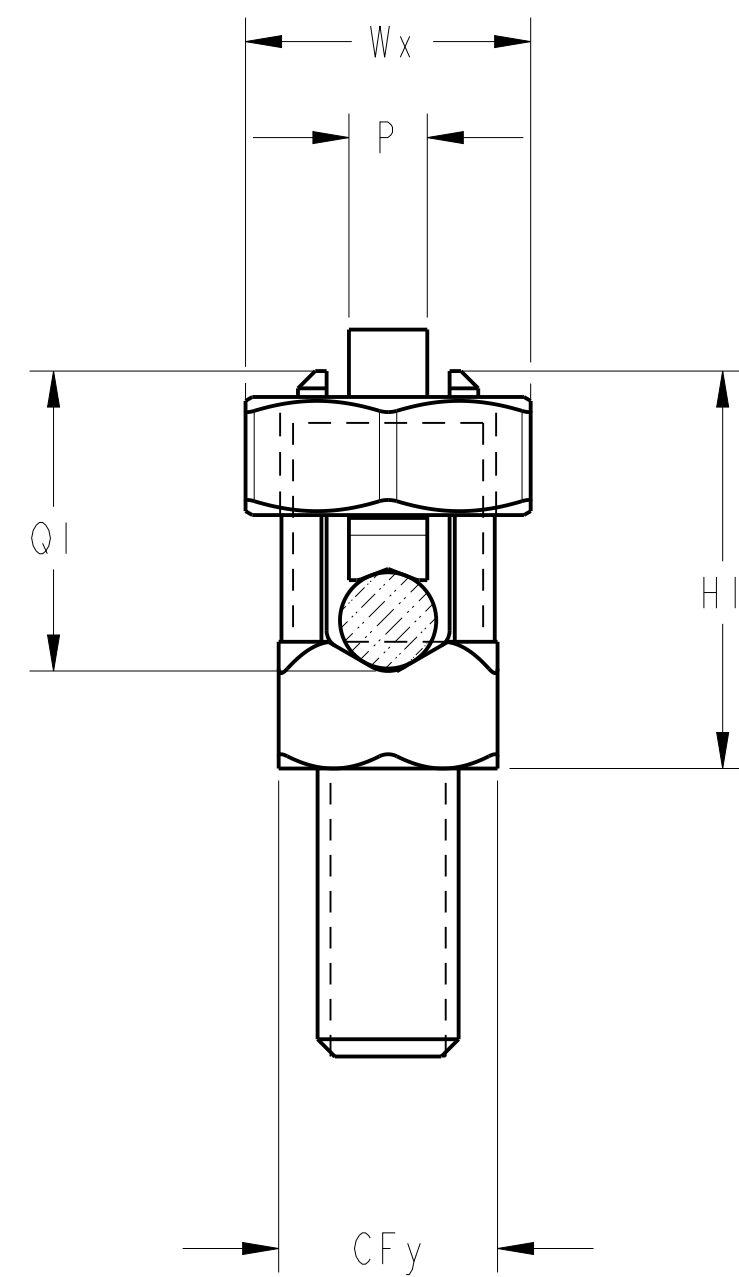


FIG. 2

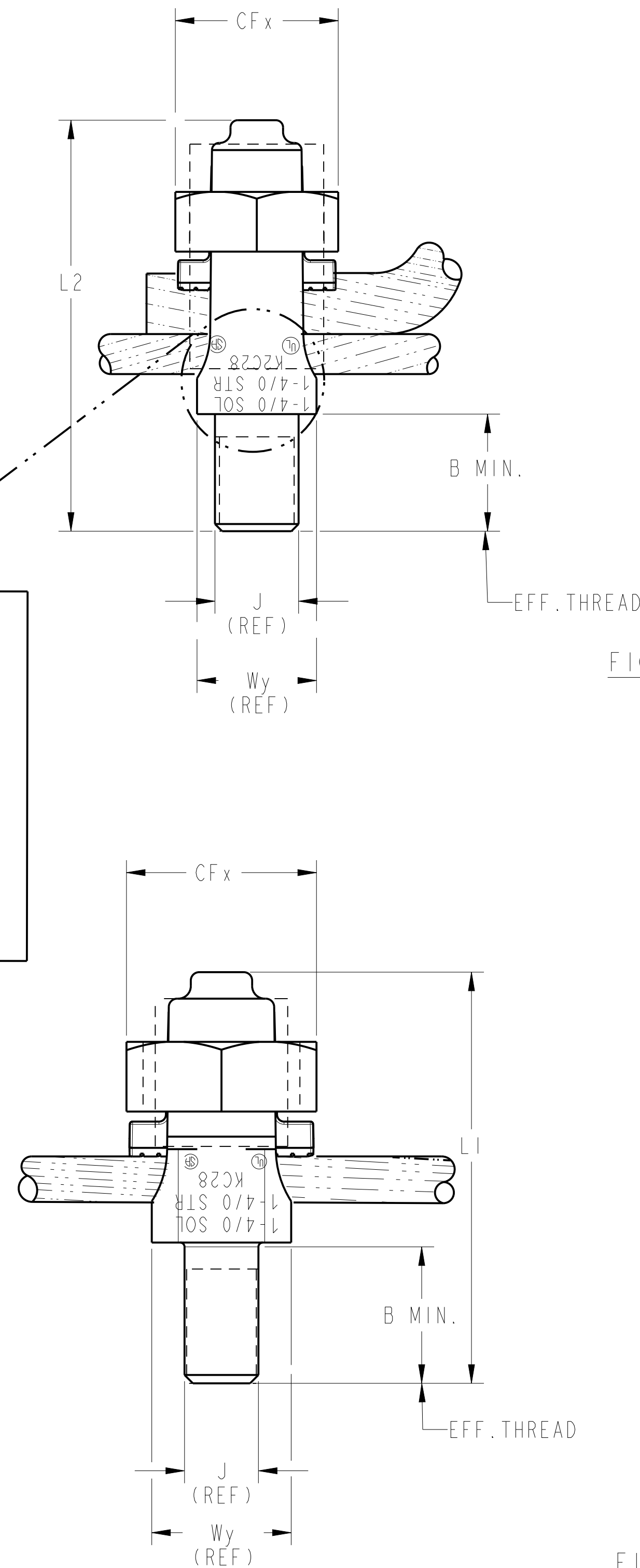
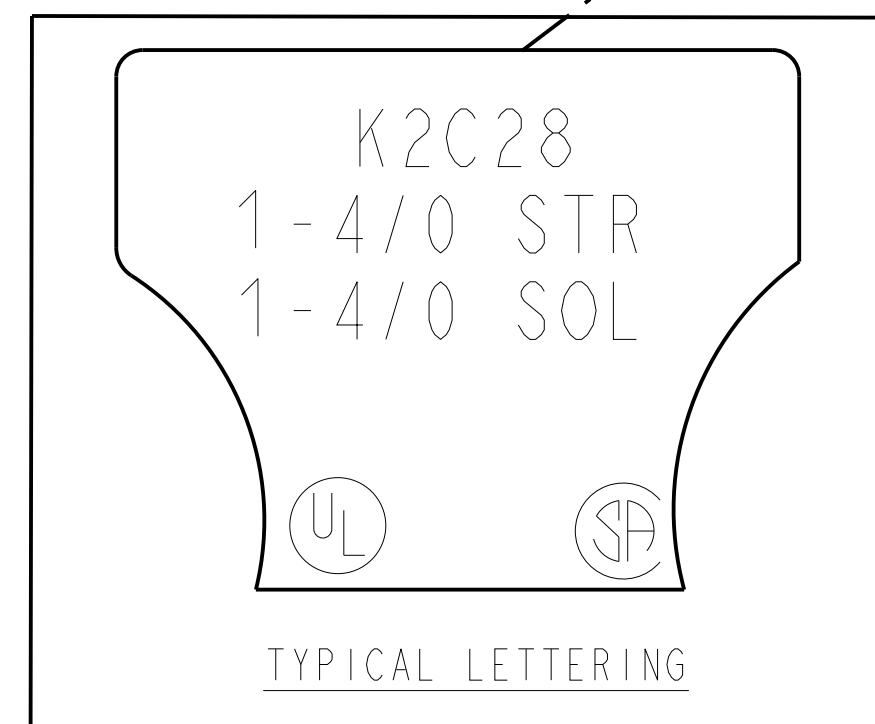
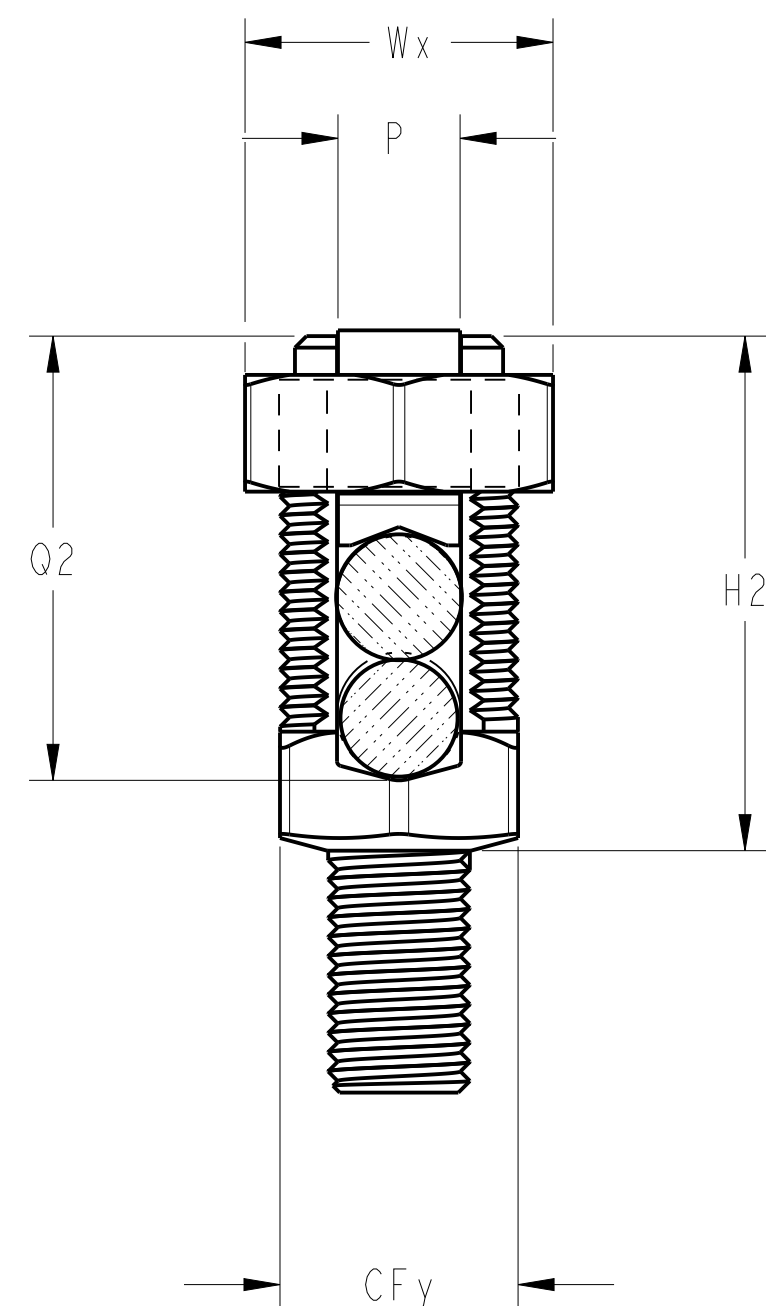
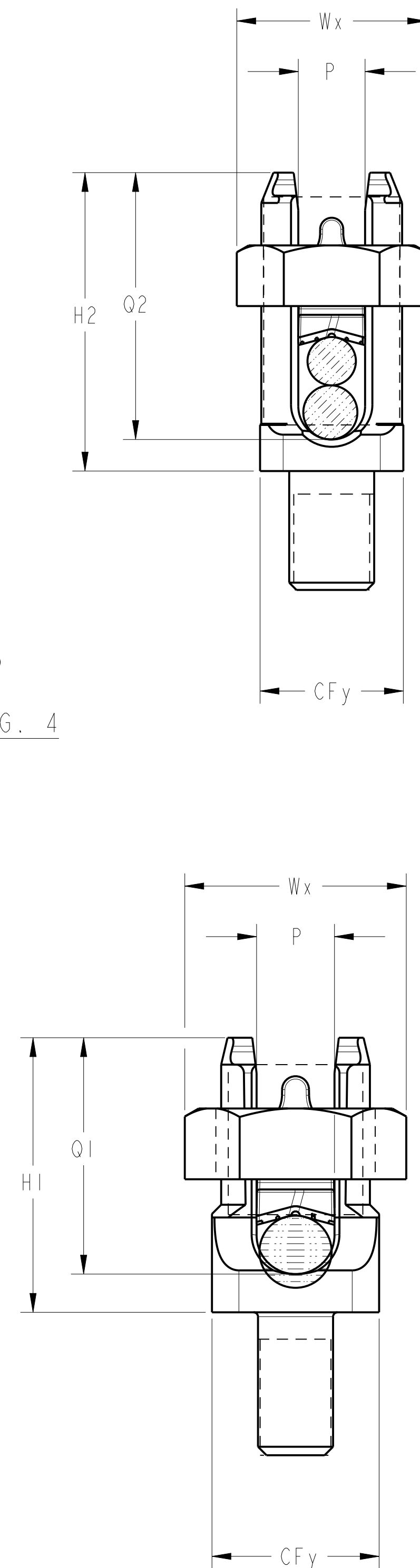


FIG. 3



NOTES:

1. MATERIAL: LEADED COMMERCIAL BRONZE (KC15-KC26).
CAST COPPER ALLOY (KC28-KC44).
2. FINISH: NONE. ADD SUFFIX "TN" FOR TIN PLATING,
ADD SUFFIX "NK" FOR NICKEL PLATING.
3. ALL ITEMS ARE LISTED TO UL 467, FILE E9999 AND CSA C22.2
NO. 65, FILE 42861, UNLESS OTHERWISE NOTED.
4. DIMENSIONS IN [] BRACKETS ARE IN MILLIMETERS ROUNDED OFF
TO THE NEAREST TENTH OF A MILLIMETER, UNLESS OTHERWISE
NOTED AND ARE FOR REFERENCE ONLY.
5. THESE ITEMS ARE NOT UL467 LISTED. KC34 & K2C34 SERIES UL467
LISTED FOR CONDUCTOR SIZES UP TO 300.
6. CATALOG NUMBER KC34J12T13 IS THE SAME AS THE KC34, EXCEPT
THE KC34J12T13 HAS A 1/2-13 UNC-2A (J REF.) THREAD.
7. COMES IN BOX QTY OF 100.

TO ORDER BURNDY® PRODUCTS CALL

UNITED STATES
1-800-346-4175 (LONDONDERRY, NH)

CANADA:
1-800-361-6975 (QUEBEC)
1-800-387-6487 (ALL OTHER PROVINCES)

FOR PRODUCT INFO: <http://www.burndy.com>

SERVIT POST™ (MALE)

ITEM NO:	N/A
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CAT. NO:	KC--, K2C-- (TABLE)
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DRAWN BY:	A. J. M.	4/16/94
CHECKED:	A. J. M.	4/16/94

CHECKER: L.S.T.	4/25/94
DSN APPROV: H GOMES	00/14/17

DSN APPVL: H GOMES	09/14/17
MFG APPVL: P MARTEL	09/15/17

QA APPVL: C. LINDQUIST 09/19/17

MKT APPVL: P.WERTHMAN	4/94
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PROD FAM: --	
PROJECT #: --	SIZE

PROJECT #: --	SIZE
DOCUMENT TYPE: Sales	D

BURNDY

SCALE: 1.000

SD055917

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