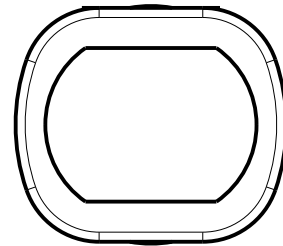
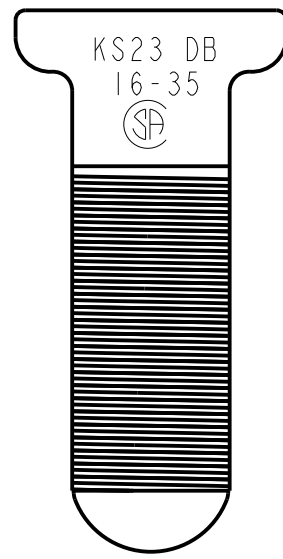
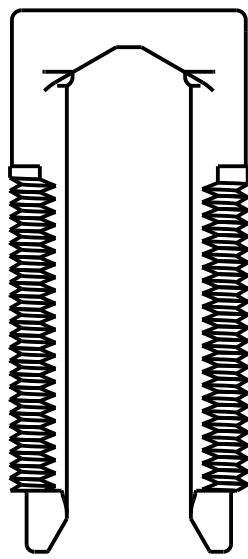
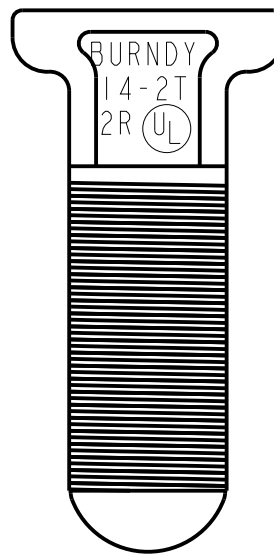
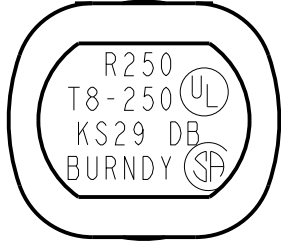
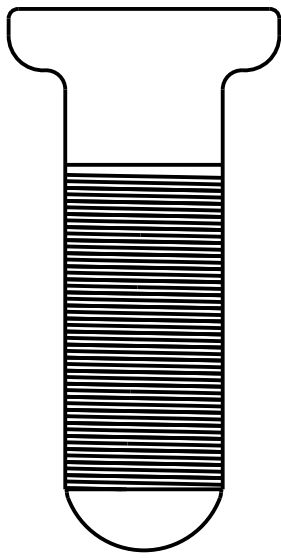
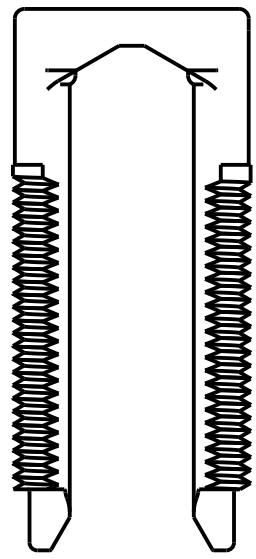
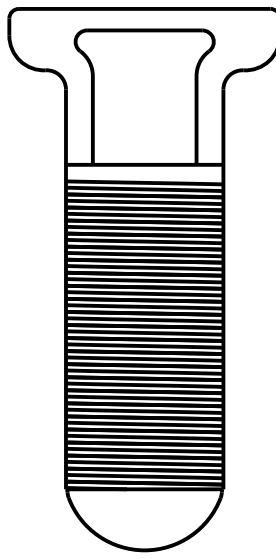
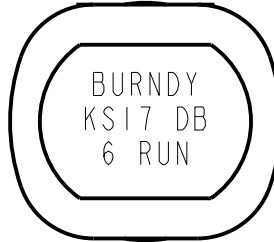
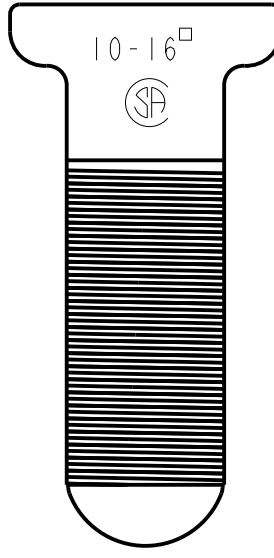
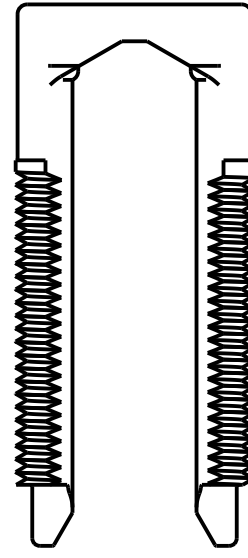
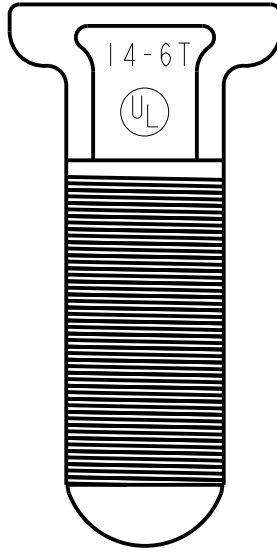
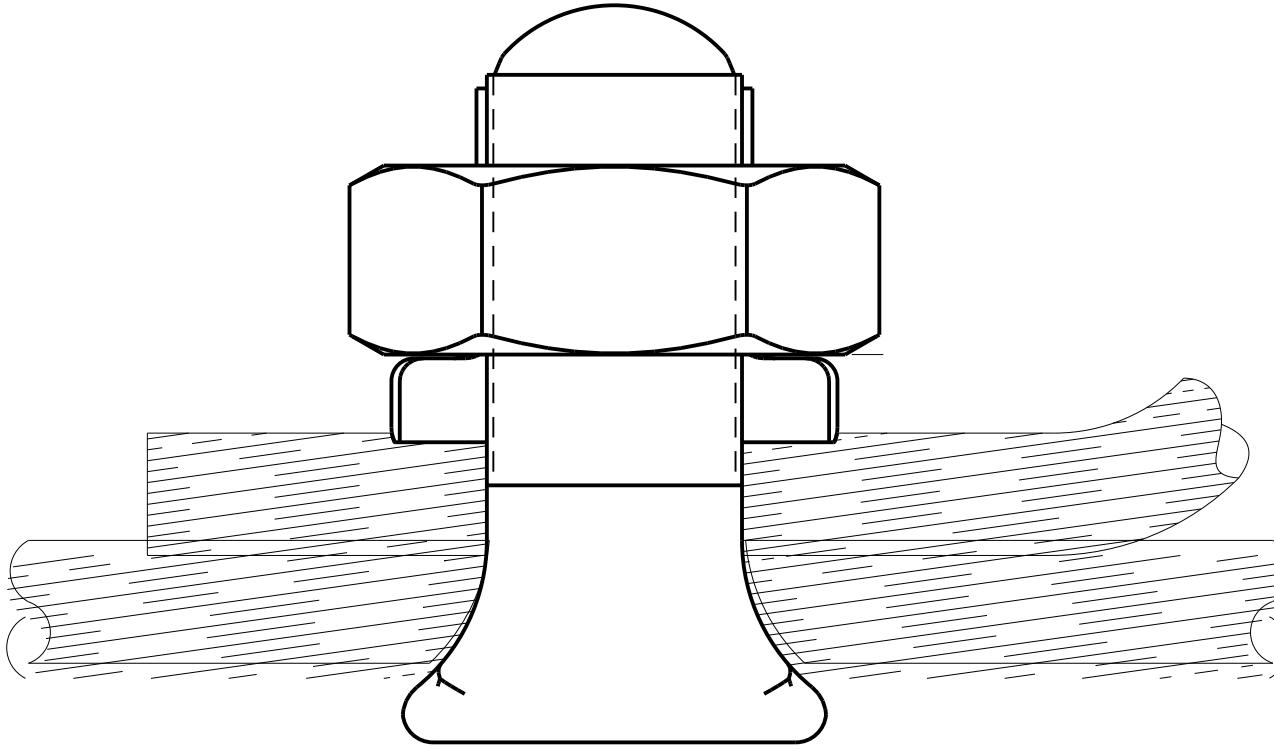


DRAWING NO. SD078561		7		6		5		4		3		2		1				
CATALOG NUMBER	5 6	AWG				METRIC WIRE SIZE				RECOMMENDED TIGHTENING TORQUE IN-LBS [N·m]	LETTERING LOCATOR TYPE	REV	DATE	DESCRIPTION		ECO	BY	C'H'K.
		RANGE FOR EQUAL RUN & TAP (COPPER)				RANGE FOR EQUAL RUN & TAP (COPPER)						J	2017-12-20 17:00:00 EST	UPDATED AS PER MARKUP		48235	YR	VS
		MAX. SOLID CONDUCTOR	MINIMUM	MAXIMUM	MINIMUM TAP WITH MAXIMUM CABLE RUN	CATALOG NUMBER	MAX SOLID CONDUCTOR	MINIMUM	MAXIMUM			MINIMUM TAP WITH MAXIMUM CABLE RUN						
KS15		#8 SOL (.129)	#10 STR (.116)	#8 STR (.146)	#14 STR (.073)	KS15	10mm ² SOL [3.2]	6mm ² STR [3.3]	10mm ² STR [4.0]	2.5mm ² STR [2.2]	80 [9]	C						
KS17		#6 SOL (.162)	#8 STR (.146)	#6 STR (.184)	#14 STR (.073)	KS17	16mm ² SOL [4.0]	10mm ² STR [4.0]	10mm ² STR [4.0]	2.5mm ² STR [2.2]	165 [18.6]	C						
KS20		#4 SOL (.204)	#8 STR (.146)	#4 STR (.232)	#14 STR (.073)	KS20	-----	10mm ² STR [4.0]	16mm ² STR [5.1]	2.5mm ² STR [2.2]	165 [18.6]	A						
KS22		#2 SOL (.258)	#6 STR (.184)	#3 STR (.260)	#14 STR (.073)	KS22	-----	16mm ² STR [5.1]	25mm ² STR [6.3]	2.5mm ² STR [2.2]	275 [31.1]	A						
KS23		#1 SOL (.289)	#6 STR (.184)	#2 STR (.292)	#14 STR (.073)	KS23	-----	16mm ² STR [5.1]	35mm ² STR [7.5]	2.5mm ² STR [2.2]	275 [31.1]	A						
KS25		2/0 SOL (.365)	#4 STR (.232)	1/0 STR (.373)	#14 STR (.073)	KS25	-----	25mm ² STR [6.3]	50mm ² STR [9.0]	2.5mm ² STR [2.2]	385 [43.5]	A						
KS26		3/0 SOL (.410)	#2 STR (.292)	2/0 STR (.418)	#14 STR (.073)	KS26	-----	35mm ² STR [7.5]	70mm ² STR [10.5]	2.5mm ² STR [2.2]	385 [43.5]	A						
KS27		4/0 SOL (.460)	#1 STR (.332)	3/0 STR (.470)	#8 SOL (.129)	KS27	-----	50mm ² STR [9.0]	95mm ² STR [12.5]	10mm ² SOL [3.2]	500 [56.5]	A						
KS29		4/0 SOL (.460)	#1 STR (.332)	250 Kcmil (.575)	#8 STR (.146)	KS29	-----	50mm ² STR [9.0]	120mm ² STR [14.0]	10mm ² STR [4.0]	650 [73.4]	A						
KS31		-----	1/0 STR (.373)	350 Kcmil (.681)	1/0 STR (.373)	KS31	-----	70mm ² STR [10.5]	185mm ² STR [17.5]	70mm ² STR [10.5]	650 [73.4]	B						
KS34		-----	2/0 STR (.418)	500 Kcmil (.814)	2/0 STR (.418)	KS34	-----	70mm ² STR [10.5]	240mm ² STR [20.6]	70mm ² STR [10.5]	825 [93.2]	B						
KS39		-----	4/0 STR (.528)	750 Kcmil (.998)	4/0 STR (.528)	KS39	-----	120mm ² STR [14.0]	300mm ² STR [22.5]	120mm ² STR [14.0]	1000 [113.0]	B						
KS44		-----	300 Kcmil (.630)	1000 Kcmil (1.152)	4/0 STR (.528)	KS44	-----	150mm ² STR [15.7]	500mm ² STR [29.1]	120mm ² STR [14.0]	1100 [124.3]	B						
KS90		#8 SOL (.129)	#12 STR (.092)	#10 STR (.116)	#16 STR (.058)	KS90	-----	4mm ² STR [2.3]	6mm ² STR [3.3]	1.5mm ² STR [1.4]	80 [4]	C						
 TYPICAL LETTERING TYPE A     TYPICAL LETTERING TYPE B     TYPICAL LETTERING TYPE C   																		
NOTES: 1. MATERIAL: COPPER ALLOY 2. DIMENSIONS IN BRACKET [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY. 3. UL 486A LISTED. FILE NO. E9498. 4. CSA C22.2 NO. 65 LISTED. FILE NO. 42862. 5 6 UL467 LISTED, FILE NO. E9999. SUITABLE FOR DIRECT BURIAL, THIS DOES NOT APPLY TO KS39 OR KS44. CSA C22.2 NO.41 CERTIFIED. SUITABLE FOR DIRECT BURIAL, THIS DOES NOT APPLY TO KS39 OR KS44. 7. THIS DRAWING TO BE INTERPRETED PER ASME Y14.5M-2009. 8 LISTED TORQUE VALUES ARE FOR MAXIMUM CONDUCTOR COMBINATIONS. CONSULT UL486 A-B TABLES 21, 22, 23, FOR SMALLER CONDUCTOR COMBINATIONS. 9. TIN PLATED BODY AND NUT VARIATIONS ARE AVAILABLE BY ADDING THE SUFFIX "TN" TO THE CATALOG NUMBER. 10.NICKLE PLATED BODY AND NUT VARIATIONS ARE AVAILABLE BY ADDING THE SUFFIX "NK" TO THE CATALOG NUMBER.																		
 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™ ITEM NO: SEE TABLE CAT. NO: KS-- (TABLE) DRAWN BY: D DOBRINSKI 08/11/10 CHECKER: J HALL 08/10/10 DSN APPVL: R LAVOIE 02/10/17 MFG APPVL: T WAWRZYNIAK 02/07/17 QA APPVL: J HILLMAN 02/08/17 MKT APPVL: B CRUTCHER 02/07/17 PROD FAM: SERVITS PROJECT #: -- DOCUMENT TYPE: Sales REL LEVEL: Released SCALE: 1:1 DRAWING NO REV SD078561 J SHEET 1 OF 2 																		
8		7		6		5		4		3		2		1				

REV: PE0200

DRAWING NO. SD078561		7		6		5		4		3		2		1						
CATALOG NUMBER	5 6	B	C.F.	J	L	R	V	W							REV	DATE	DESCRIPTION	ECO	BY	C.H.K.
															J	2017-12-20 17:00:00 EST	UPDATED AS PER MARKUP	48235	YR	VS
KS15		.45 [11]	.50 [13]	3/8"-24NF-2	.85 [22]	.38 [10]	.14 [4]	.57 [15]												
KS17		.58 [15]	.63 [16]	7/16"-20NF-2	1.14 [30]	.45 [11]	.16 [4]	.70 [18]												
KS20		.65 [17]	.64 [16]	1/2"-20NF-2	1.20 [31]	.51 [13]	.22 [6]	.78 [20]												
KS22		.69 [18]	.75 [19]	19/32"-20NS-2	1.50 [38]	.60 [15]	.26 [7]	.84 [21]												
KS23		.72 [18]	.82 [21]	5/8"-18UNF-2	1.54 [39]	.62 [16]	.32 [8]	.92 [23]												
KS25		.81 [21]	.94 [24]	3/4"-16UNF-2	1.77 [45]	.73 [19]	.38 [10]	1.06 [27]												
KS26		.90 [23]	1.05 [27]	7/8"-14UNF-2	1.94 [49]	.82 [21]	.44 [11]	1.18 [30]												
KS27		.90 [23]	1.05 [27]	7/8"-14UNF-2	1.94 [49]	.82 [21]	.48 [12]	1.18 [30]												
KS29		1.00 [25]	1.39 [35]	1 1/8"-12NF-2	2.25 [57]	1.00 [25]	.60 [15]	1.56 [37]												
KS31		1.25 [32]	1.70 [43]	1 3/8"-12UNF-2	2.60 [66]	1.41 [36]	.71 [18]	1.96 [50]												
KS34		1.31 [33]	1.82 [46]	1 7/16"-12UN-2	2.83 [72]	1.53 [39]	.85 [22]	2.10 [53]												
KS39		1.75 [45]	2.31 [59]	1 7/8"-12UN-2	3.51 [89]	1.94 [49]	1.02 [26]	2.62 [67]												
KS44		2.10 [53]	2.56 [65]	2 1/8"-12UN-2	3.90 [99]	2.19 [56]	1.17 [28]	2.91 [74]												
KS90		.45 [11]	.50 [13]	3/8"-24NF-2	.85 [22]	.38 [10]	.14 [4]	.57 [15]												

NOTES:

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C.F.

J

V

L

R

W

ACROSS FLATS

W

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B

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

ITEM NO: SEE TABLE

CAT. NO: KS-- (TABLE)

DRAWN BY: D DOBRINSKI 08/11/10

CHECKER: J HALL 08/10/10

DSN APPVL: R LAVOIE 02/10/17

MFG APPVL: T WAWRZYNIAK 02/07/17

QA APPVL: J HILLMAN 02/08/17

MKT APPVL: B CRUTCHER 02/07/17

PROD FAM: SERVITS

PROJECT #: --

DOCUMENT TYPE: Sales

REL LEVEL: Released

SCALE: 1:1

DRAWING NO: SD078561

SHEET 2 OF 2

REV: J

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