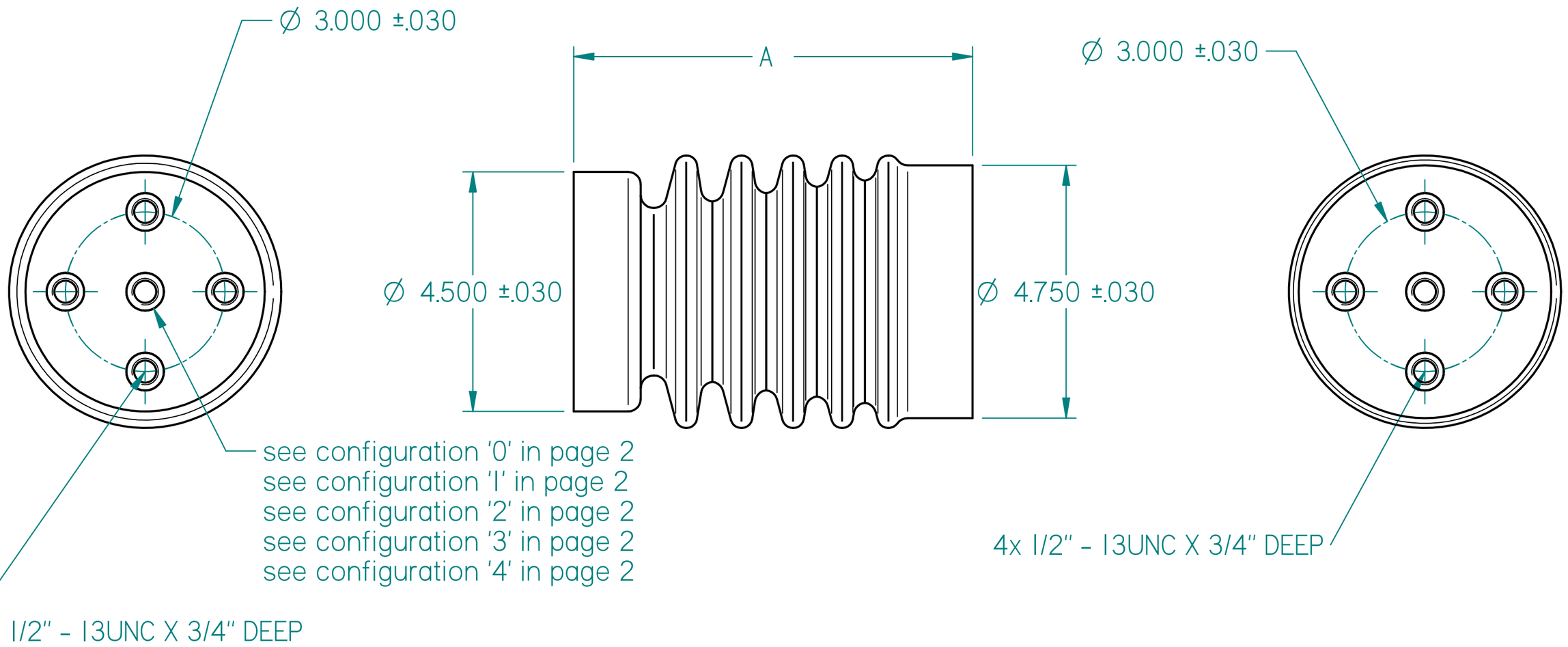

NOTE:

1. *All Dimensions are in INCHES*
2. *MATERIAL : EPOXY RESIN*
3. *ALL INSERTS ARE 304SST MATERIAL.*
4. *Uniform strength Switch and Bus insulators are tested in accordance with ANSI C29.1-1988*
5. *The no. of Ribs and profile can be change according to the capacity/application of the Insulator.*

-FOR "BIL" RATINGS 95kV AND HIGHER, ALL INSERT CONFIGURATIONS WITH 3 OR MORE INSERTS ON EITHER END, WILL BE INTERNALLY CONNECTED (COMMON), ALLOWING FOR SELECTIVE APPLICATIONS.
-BREAK ALL SHARPS UNLESS OTHERWISE NOTED

THIRD ANGLE

STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED			
	LINEAR DIMENSION	0.5 UP TO 3	±0.1
		OVER 3 UP TO 6	±0.1
		OVER 6 UP TO 30	±0.2
		OVER 30 UP TO 120	±0.3
		OVER 120 UP TO 400	±0.5
		OVER 400 UP TO 1000	±0.8
	HOLE DIAMETER	1 UP TO 6	±0.1
		OVER 6 UP TO 12	±0.1
		OVER 12	±0.2
	ANGLES	DIMENSIONED ± 1° UNDIMENSIONED 90° ± 2°	

DRN BY	CHD BY	DATE	SCALE
		14/09/2023	N.T.S

TITLE.
A30 Insulator Set

DRG NO.
TBD

REV A

CONFIGURATION "**0**" - FOR NO INSERT

Bottom	1	2	2A	3	3A	4	5
1							
2		02	11			14	
3							
4		23	23			04	
5							

CONFIGURATION "1" - FOR 1/2" CENTER
CONFIGURATION "2" - FOR 5/8" CENTER
CONFIGURATION "3" - FOR 3/8" CENTER
CONFIGURATION "4" - FOR 3/4" CENTER

Bottom	1	2	2A	3	3A	4	5
1	01	06	06	07	07	08	09
2	10			12	13		15
3	16	17	18	03	19	20	21
4	22			24	24		25
5	26	27	27	28	28	29	05

Identification no.	Height A (in)	Creep distance(in)	Highest System Voltage(kV)	Impulse Voltage (kV)	60 Hz withstand 1 min (kV)	Cantilever (lbs)
N-008-0158	4.5	6.23	8.3	75	26	4500
N-015-0239	6	9.45	15	95	36	3500
N-020-0295	7.5	11.62	20	110	50	2800
N-025-0373	8.75	14.68	25	125	60	2400
N-035-0462	10.5	18.18	38	150	80	2000
N-035-0468	11	18.44	38	150	80	1900
N-035-0556	12.75	21.91	38	170	80	1700
N-045-0608	14	23.96	48.3	200	100	1500

THIRD ANGLE

STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED

LINEAR DIMENSION	0.5 UP TO 3	±0.1
	OVER 3 UP TO 6	±0.1
	OVER 6 UP TO 30	±0.2
	OVER 30 UP TO 120	±0.3
	OVER 120 UP TO 400	±0.5
	OVER 400 UP TO 1000	±0.8
HOLE DIAMETER	1 UP TO 6	±0.1
	OVER 6 UP TO 12	±0.1
	OVER 12	±0.2
ANGLES	DIMENSIONED ± 1°	
	UNDIMENSIONED 90° ± 2°	

DRN BY	CHD BY	DATE	SCALE

TITLE.

DRG NO.

REV