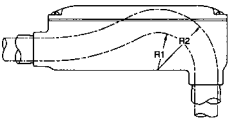
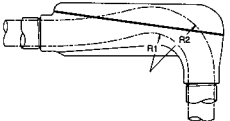
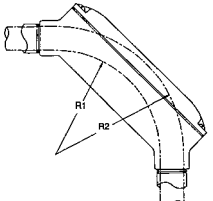
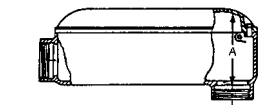


# Bending Radius and Bending Space of NEC 6x8x Series LB and UB Mogul Bodies

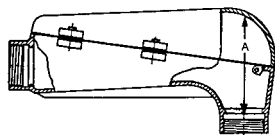
Bending Radius of Moguls					
	Type	Catalog Number	Hub Size (Inches)	Inches/Millimeters	
				R1	R2
 <p>LB Mogul 1" – 2"</p>	LB	BLB100-A,M	1	1.63/41.4	2.63/66.8
		BLB125-A,M	1-1/4	2.25/57.2	3.63/92.2
		BLB150-A,M	1-1/2	2.63/66.8	4.13/104.9
		BLB200-A,M	2	3.00/76.2	5.00/127.0
		BLB250-A,M	2-1/2	3.88/98.6	6.25/158.8
		BLB300-A,M	3	5.00/127.0	8.00/203.2
		BLB350-A,M	3-1/2	5.00/127.0	8.38/212.9
 <p>LB Mogul 2-1/2" – 4"</p>	LB	BLB400-A,M	4	6.25/158.8	10.25/260.4
		BUB100-A,M	1	4.50/114.3	5.50/139.7
		BUB125-A,M	1-1/4	4.63/117.6	6.00/152.4
		BUB150-A,M	1-1/2	7.00/177.8	8.50/215.9
		BUB200-A,M	2	7.50/190.5	9.50/241.3
		BUB250-A,M	2-1/2	13.13/333.5	15.50/393.7
		BUB300-A,M	3	13.88/352.6	16.88/428.8
 <p>UB Mogul 1" – 4"</p>	UB	BUB350-A,M	3-1/2	19.75/501.7	23.25/590.6
		BUB400-A,M	4	20.75/527.1	24.75/628.7

## Compliances with NEC Bending Space Requirements

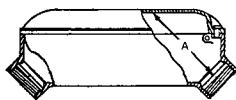
**Bending Space Defined**  
 NEC 370.28(A)(2) Exception. This article applies to LB and UB Moguls, defines bending space and refers to NEC 312.6(B) Table as guideline for determining minimum bending space distance. Bending space is illustrated as Dimension "A" below:



LB Mogul 1" – 2"



LB Mogul 2-1/2" – 4"



UB Mogul 1" – 4"

Bending Space of Moguls (Dim. "A" in sketches at left)		
Mogul Size	Type	Distance
1	LB, UB	2-1/2"
1-1/4	LB, UB	3-1/2"
1-1/2	LB, UB	4"
2	LB, UB	5"
2-1/2	LB, UB	6"
3	LB, UB	8"
3-1/2	LB, UB	8"
4	LB, UB	10"

*NOTE ON RADIUS TABLE: Secure cable or wire bending radius from manufacturer. Then select a mogul having this radius or more. If radius is 6-1/4", an LB 2-1/2" mogul or BUB 1-1/2" mogul is suitable.*

*NOTE ON NEC 312.6(B) TABLE: Because cable sizes vary, table is limited to single wire sizes. Use as guideline only for cable sizes.*

**Minimum Wire Bending Space**  
 NEC 312.6(B) Table: The applicable portion of this table is shown below. Only the "1 Wire Per Terminal" column is retained, because the others are not applicable.  
*Example for using table below and table at right:*  
 350MCM wire size requires 5" bending space. A 2" LB or UB Appleton Mogul is suitable.

AWG or Circular-Mill. Size of Wire	1 Wire per Terminal Min. Bending Space
14-10	Not Specified
8-6	1-1/2"
4-3	2"
2	2-1/2"
1	3"
0-00	3-1/2"
000-0000	4"
250 MCM	4-1/2"
300-350 MCM	5"
400-500 MCM	6"
600-700 MCM	8"
750-900 MCM	8"
1,000-1,250 MCM	10"
1,500-2,000 MCM	12"