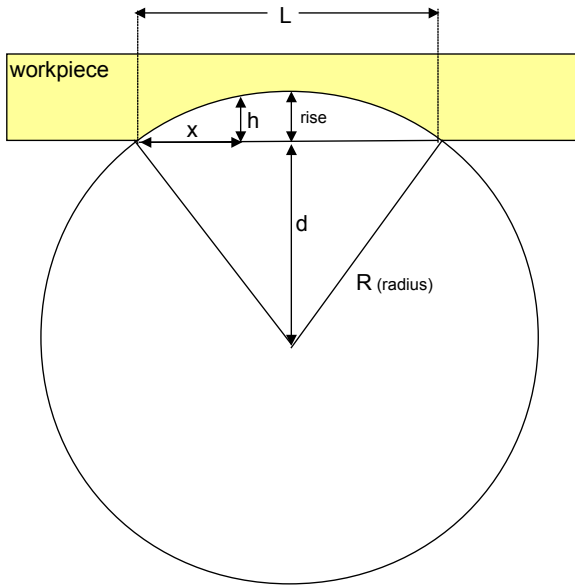


# Arc Layout Calculator

This spreadsheet will calculate the path of a circular arc in a workpiece. Enter the length of the arc bottom and the rise at its midpoint. The program will calculate the height of the arc at intervals along the workpiece bottom. These points can then be laid out and conn

Enter these values:	
= length of arc bottom (inches):	60
rise at midpoint of arc (inches):	1

Calculated values:	(inches)	(feet)
R = radius of arc	450.50	37.54
d	449.50	37.46



Calculated points along your arc		
x = distance from start of arc (inches)	h = height from bottom of arc (inches)	h in millimeters
1	0.07	1.7
2	0.13	3.3
3	0.19	4.8
4	0.25	6.3
5	0.31	7.8
6	0.36	9.2
7	0.41	10.5
8	0.46	11.7
9	0.51	13.0
10	0.56	14.1
11	0.60	15.2
12	0.64	16.3
13	0.68	17.2
14	0.72	18.2
15	0.75	19.1
16	0.78	19.9
17	0.81	20.6
18	0.84	21.3
19	0.87	22.0
20	0.89	22.6
21	0.91	23.1
22	0.93	23.6
23	0.95	24.0
24	0.96	24.4
25	0.97	24.7
26	0.98	24.9
27	0.99	25.1
28	1.00	25.3
29	1.00	25.4
30	1.00	25.4
31	1.00	25.4
32	1.00	25.3
33	0.99	25.1
34	0.98	24.9
35	0.97	24.7
36	0.96	24.4
37	0.95	24.0
38	0.93	23.6
39	0.91	23.1
40	0.89	22.6
41	0.87	22.0
42	0.84	21.3
43	0.81	20.6
44	0.78	19.9
45	0.75	19.1
46	0.72	18.2
47	0.68	17.2
48	0.64	16.3
49	0.60	15.2
50	0.56	14.1
51	0.51	13.0
52	0.46	11.7
53	0.41	10.5
54	0.36	9.2
55	0.31	7.8
56	0.25	6.3
57	0.19	4.8
58	0.13	3.3
59	0.07	1.7

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