



ACTUAL SPIRAL OVAL PIPE SIZES

INITIAL SPIRAL SIZE	M I N O R A X I S																M A J O R A X I S
	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	
8	10.28																
9	11.85	10.71															
10	13.42	12.28	11.14														
11	15.00	13.85	12.71														
12	16.57	15.42	14.28	13.14													
13	18.14	17.00	15.85	14.71	13.57												
14	19.71	18.57	17.42	16.28	15.14												
15	21.28	20.14	19.00	17.85	16.71	15.57											
16	22.85	21.71	20.57	19.42	18.28	17.14											
17	24.42	23.28	22.14	21.00	19.85	18.71	17.57										
18	25.99	24.85	23.71	22.57	21.42	20.28	19.14										
19	27.56	26.42	25.28	24.14	23.00	21.85	20.71										
20	29.13	27.99	26.85	25.71	24.57	23.42	22.28	21.14									
21	30.70	29.56	28.42	27.28	26.14	25.00	23.85	22.71									
22	32.27	31.13	29.99	28.85	27.71	26.57	25.42	24.28									
23		32.70	31.56	30.42	29.28	28.14	27.00	25.85	24.71								
24		34.27	33.13	31.99	30.85	29.71	28.57	27.42	26.28								
25		35.85	34.70	33.56	32.42	31.28	30.14	29.00	27.85								
26		37.42	36.27	35.13	33.99	32.85	31.71	30.57	29.42	28.28							
27		38.99	37.85	36.70	35.56	34.42	33.28	32.14	31.00	29.85							
28		40.56	39.42	38.27	37.13	35.99	34.85	33.71	32.57	31.42	30.28						
29		42.13	40.99	39.85	38.70	37.56	36.42	35.28	34.14	33.00	31.85						
30		43.70	42.56	41.42	40.27	39.13	37.99	36.85	35.71	34.57	33.42	32.28					
32		46.84	45.70	44.56	43.42	42.27	41.13	39.99	38.85	37.71	36.57	35.42	34.28				
34		49.98	48.84	47.70	46.56	45.42	44.27	43.13	41.99	40.85	39.71	38.57	37.42	36.28			
36		53.12	51.98	50.84	49.70	48.56	47.42	46.27	45.13	43.99	42.85	41.71	40.57	39.42	38.28		
38		56.27	55.12	53.98	52.84	51.70	50.56	49.42	48.27	47.13	45.99	44.85	43.71	42.57	41.42	40.28	
40		59.41	58.27	57.12	55.98	54.84	53.70	52.56	51.42	50.27	49.13	47.99	46.85	45.71	44.57	43.42	42.28
42		62.55	61.41	60.27	59.12	57.98	56.84	55.70	54.56	53.42	52.27	51.13	49.99	48.85	47.71	46.57	45.42
44		65.69	64.55	63.41	62.27	61.12	59.98	58.84	57.70	56.56	55.42	54.27	53.13	51.99	50.85	49.71	48.57
46		68.83	67.69	66.55	65.41	64.27	63.12	61.98	60.84	59.70	58.56	57.42	56.27	55.13	53.99	52.85	51.71
48		71.87	70.83	69.69	68.55	67.41	66.27	65.12	63.98	62.84	61.70	60.56	59.42	58.27	57.13	55.99	54.85
50			73.97	72.83	71.69	70.55	69.41	68.27	67.12	65.98	64.84	63.70	62.56	61.42	60.27	59.13	57.99
52					74.83	73.69	72.55	71.41	70.27	69.12	67.98	66.84	65.70	64.56	63.42	62.27	61.13
54							75.69	74.55	73.41	72.27	71.12	69.98	68.84	67.70	66.56	65.42	64.27
56							78.83	77.69	76.55	75.41	74.27	73.12	71.98	70.84	69.70	68.56	67.42
58								80.83	79.69	78.55	77.41	76.27	75.12	73.98	72.84	71.71	70.56
60										81.69	80.55	79.41	78.27	77.12	75.98	74.84	73.70
62										84.83	83.69	82.55	81.41	80.27	79.12	77.98	76.84
64												85.69	84.55	83.41	82.27	81.12	79.98
66														86.55	85.41	84.27	83.12
68															88.55	87.41	86.27
70																90.55	89.41
72																	92.55