

ALUMINUM COIL SIZE CALCULATOR

The following data can be used in two ways:

- (1) If the arbor, or inner diameter, size is known to a specified pounds per inch of coil width (PIW), the outside diameter can be read below.
- (2) If the ID and OD are known, the PIW is in the left column. To calculate the weight of the coil in pounds, multiply the PIW by the width.

POUNDS PER INCH OF COIL WIDTH	INSIDE DIAMETER (ID) OF COIL (INCHES)								
	3	6	8	10	12	16	20	22	24
	OUTSIDE DIAMETER (OD) OF COIL (INCHES)								
10	11.8	12.9	13.9	15.2	16.6	19.6	23.0	24.8	26.6
15	14.3	15.2	16.1	17.2	18.4	21.2	24.4	26.1	27.8
20	16.4	17.2	18.0	19.0	20.1	22.7	25.7	27.3	28.9
25	18.3	19.0	19.7	20.6	21.7	24.1	26.9	28.4	30.0
30	20.0	20.6	21.3	22.1	23.1	25.4	28.1	29.6	31.1
35	21.5	22.2	22.8	23.6	24.5	26.7	29.2	30.6	32.1
40	23.0	23.6	24.2	24.9	25.8	27.9	30.3	31.7	33.1
45	24.4	24.9	25.5	26.2	27.0	29.0	31.4	32.7	34.1
50	25.7	26.2	26.7	27.4	28.2	30.1	32.4	33.7	35.0
55	26.9	27.4	27.9	28.5	29.3	31.2	33.4	34.6	35.9
60	28.1	28.6	29.0	29.7	30.4	32.2	34.3	35.5	36.8
65	29.2	29.7	30.1	30.7	31.4	33.2	35.3	36.4	37.7
70	30.3	30.7	31.2	31.8	32.5	34.1	36.2	37.3	38.5
75	31.4	31.8	32.2	32.8	33.4	35.1	37.1	38.2	39.4
80	32.4	32.8	33.2	33.8	34.4	36.0	37.9	39.0	40.2
85	33.4	33.8	34.2	34.7	35.3	36.9	38.8	39.9	41.0
90	34.3	34.7	35.1	35.6	36.2	37.8	39.6	40.7	41.8
95	35.3	35.6	36.0	36.5	37.1	38.6	40.4	41.5	42.5
100	36.2	36.5	36.9	37.4	38.0	39.4	41.2	42.2	43.3
110	37.9	38.3	38.6	39.1	39.7	41.1	42.8	43.7	44.8
120	39.6	39.9	40.3	40.7	41.3	42.6	44.3	45.2	46.2
130	41.2	41.5	41.9	42.3	42.8	44.1	45.7	46.6	47.6
140	42.8	43.1	43.4	43.8	44.3	45.6	47.1	48.0	48.9
150	44.2	44.6	44.9	45.3	45.7	47.0	48.5	49.3	50.2
160	45.7	46.0	46.3	46.7	47.1	48.3	49.8	50.6	51.5
170	47.1	47.4	47.7	48.0	48.5	49.6	51.1	51.9	52.8
180	48.5	48.7	49.0	49.4	49.8	50.9	52.3	53.1	54.0
190	49.8	50.0	50.3	50.7	51.1	52.2	53.6	54.3	55.2
200	51.1	51.3	51.6	51.9	52.4	53.4	54.8	55.5	56.3
210	52.3	52.6	52.8	53.2	53.6	54.6	55.9	56.7	57.5
220	53.5	53.8	54.1	54.4	54.8	55.8	57.1	57.8	58.6
230	54.7	55.0	55.2	55.6	56.0	57.0	58.2	58.9	59.7
240	55.9	56.2	56.4	56.7	57.1	58.1	59.3	60.0	60.8
250	57.1	57.3	57.6	57.9	58.2	59.2	60.4	61.1	61.8
260	58.2	58.4	58.7	59.0	59.3	60.3	61.5	62.1	62.9
270	59.3	59.5	59.8	60.1	60.4	61.4	62.5	63.2	63.9
280	60.4	60.6	60.8	61.1	61.5	62.4	63.5	64.2	64.9
290	61.5	61.7	61.9	62.2	62.5	63.4	64.6	65.2	65.9
300	62.5	62.7	62.9	63.2	63.6	64.4	65.6	66.2	66.9
310	63.5	63.7	64.0	64.2	64.6	65.4	66.5	67.2	67.8
320	64.5	64.8	65.0	65.2	65.6	66.4	67.5	68.1	68.8
330	65.5	65.8	66.0	66.2	66.6	67.4	68.5	69.1	69.7
340	66.5	66.7	66.9	67.2	67.5	68.4	69.4	70.0	70.7
350	67.5	67.7	67.9	68.2	68.5	69.3	70.3	70.9	71.6
360	68.5	68.7	68.9	69.1	69.4	70.2	71.3	71.8	72.5
370	69.4	69.6	69.8	70.1	70.4	71.2	72.2	72.7	73.4
380	70.3	70.5	70.7	71.0	71.3	72.1	73.1	73.6	74.2
390	71.2	71.4	71.6	71.9	72.2	73.0	73.9	74.5	75.1
400	72.2	72.3	72.5	72.8	73.1	73.8	74.8	75.4	76.0

