

AIR COIL WINDING CHART

Inductance in Microhenries	Number of Turns Diameter = .100 Length = .200	Number of Turns Diameter = .125 Length = .250	Number of Turns Diameter = .150 Length = .250	Number of Turns Diameter = .200 Length = .400	Number of Turns Diameter = .250 Length = .500
0.01	3.1	2.8	2.6	2.2	2.0
0.02	4.4	4.0	3.6	3.1	2.8
0.03	5.4	4.8	4.4	3.8	3.4
0.04	6.3	5.6	5.1	4.4	4.0
0.05	7.0	6.3	5.7	4.9	4.4
0.06	7.7	6.9	6.3	5.4	4.8
0.07	8.3	7.4	6.8	5.9	5.2
0.08	8.9	7.9	7.2	6.3	5.6
0.09	9.4	8.4	7.7	6.6	5.9
0.10	9.9	8.9	8.1	7.0	6.3
0.15	12.1	10.8	9.9	8.6	7.7
0.20	14.0	12.5	11.4	9.9	8.9
0.25	15.7	14.0	12.8	11.1	9.9
0.30	17.1	15.3	14.0	12.1	10.8
0.35	18.5	16.6	15.1	13.1	11.7
0.40	19.8	17.7	16.2	14.0	12.5
0.45	21.0	18.8	17.1	14.8	13.3
0.50	22.1	19.8	18.1	15.7	14.0
0.55	23.2	20.8	19.0	16.4	14.7
0.60	24.2	21.7	19.8	17.1	15.3
0.65	25.2	22.6	20.6	17.8	16.0
0.70	26.2	23.4	21.4	18.5	16.6
0.75	27.1	24.2	22.1	19.2	17.1
0.80	28.0	25.0	22.9	19.8	17.7
0.85	28.9	25.8	23.6	20.4	18.3
0.90	29.7	26.6	24.2	21.0	18.8
0.95	30.5	27.3	24.9	21.6	19.3
1.00	31.3	28.0	25.6	22.1	19.8
1.50	38.3	34.3	31.3	27.1	24.2
2.00	44.3	39.6	36.1	31.3	28.0
2.50	49.5	44.3	40.4	35.0	31.3
3.00	54.2	48.5	44.3	38.3	34.3
3.50	58.6	52.4	47.8	41.4	37.0
4.00	62.6	56.0	51.1	44.3	39.6
4.50	66.4	59.4	54.2	47.0	42.0
5.00	70.0	62.6	57.2	49.5	44.3
5.50	73.4	65.7	59.9	51.9	46.4
6.00	76.7	68.6	62.6	54.2	48.5
6.50	79.8	71.4	65.2	56.4	50.5
7.00	82.8	74.1	67.6	58.6	52.4
7.50	85.7	76.7	70.0	60.6	54.2
8.00	88.5	79.2	72.3	62.6	56.0
8.50	91.3	81.6	74.5	64.5	57.7
9.00	93.9	84.0	76.7	66.4	59.4
9.50	96.5	86.3	78.8	68.2	61.0
10.00	99.0	88.5	80.8	70.0	62.6