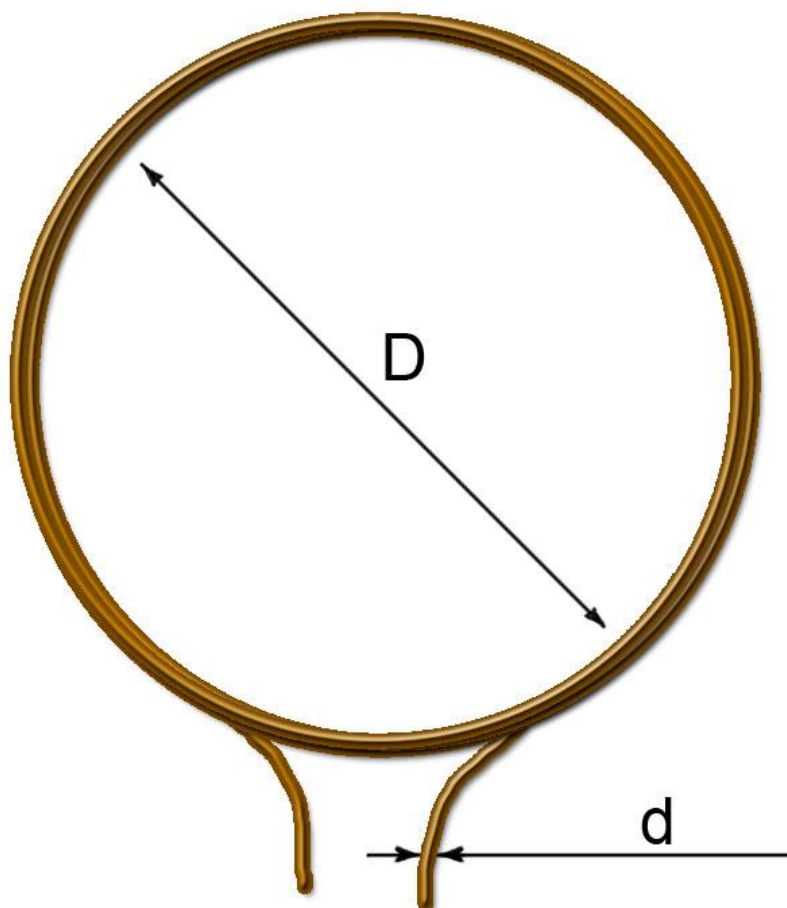


Parameters of coils for a pulse metal detector

Coil Inductance: 370 uH

Coil Resistance: 1,1 Ohm



Coil diameter D	10 cm.	15 cm.	20 cm.	30 cm.	50 cm.	Square 1 m.
Number of turns	40	30	25	20	15	10
Wire diameter d	0,4 mm. – 0,7 mm.	0,5 mm. – 0,8 mm.	0,6 mm. – 0,9 mm.	0,6 mm. – 1,0 mm.	0,7 mm. – 1,3 mm.	0,8 mm. – 1,5 mm.

The best depth parameters give coil "basket" type.

The site www.metdet.ru/Sensor_K1.htm details how to make a similar coil.