**Electro Magnets**

 **Elec. Magnet: can be created by running an electric current through certain metals (Iron, Copper, Steel and a few others.**

 **The strength of the magnet depends on the number of “coils” and the size of the current running through the conductor around the magnet.**

**Example:**

**Weak electromagnet (less coils)**





**Stronger magnet (more coils).**