

MATERIALS :

1 or +	Copper or aluminum wire
...	Various beads
1	Flat nose pliers
1	Round nose pliers
1	Nylon jaw pliers



Preparation:



1- Cut a 10 to 12 cm (4 to 4 ¾ in) length of wire.

1



2- It is essential to smooth the wire before you begin your project. Grasp the end of the wire with the flat nose pliers and smooth the wire with your fingers or with the nylon jaw pliers.

2

Fabrication:



3- There are many styles of spirals to choose from. Follow the instructions outlined here.

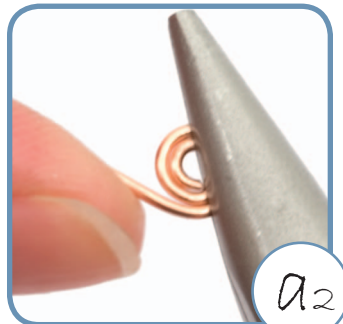
3

Round, closed and open spirals :



Closed spiral :

Form a small loop at one of the ends of the wire. Be sure that the loop is very round—this will determine the shape of the spiral.



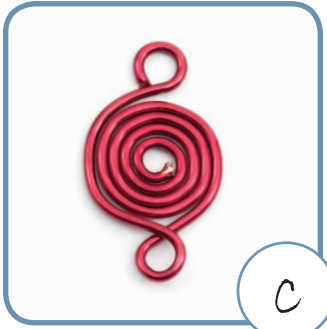
Hold the loop firmly with the flat nose or nylon jaw pliers and wind the wire around the loop.



a3- When the desired size is obtained, make a small loop at the end of the wire. The spiral can then be attached. Cut any excess wire.



b- Open spiral : Form a small loop as in step a1 EXCEPT, do not make the spiral tight. Turn the wire, being careful to keep an even distance. Repeat step a3 to complete the project.



c- Round link : Follow steps a1 through a3. After shaping the first loop, do NOT cut the wire. Continue forming the spiral around the loop. When the desired size is obtained, form a loop, then continue another $\frac{1}{2}$ turn to form a second loop opposite the first.



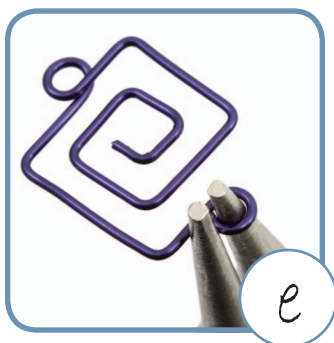
Square spiral :



d1- Use the flat nose pliers to bend the wire at a 90° angle. Continue bending the wire, adding more 90° angles. Make sure to continue in the same direction.



d2- Keep an even distance at each turn. When the square has reached the desired size, form a loop and cut the excess wire.



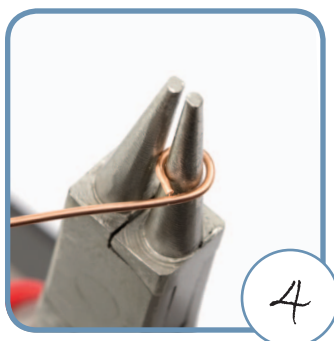
e-Square link:

Follow the instructions in *d1* and *d2* without cutting the excess wire after making the loop. Continue bending the wire and make a second loop on the opposite side. Cut the excess wire.



Assembly:

Figure -8 link :



4- Cut a 3 cm (1½ in) piece of wire. With the round nose pliers, form a loop at one end.



5- At the other end of the wire, bending the wire in the opposite direction, form a second loop. Cut any excess wire.



6- With the flat nose pliers, open the loop to insert the loop of the spiral charm.

Repeat as necessary to complete your project.

