

# Metal Basics

By <http://www.jedielfqueen.com>

## Materials

Cost and Amount required are approximate and not guaranteed.  
Detailed descriptions are for those in countries that may not have the exact same item.

## Tools

Items you may have to buy, but which you can reuse.

### Metal Sheers:

Cost: Between \$10.00 and \$50.00

Buying Online: [Amazon.com list](#)

Amount Required: One

Description: Any kind of cutting utensil that will cut metal

### Grinder/Sander

Cost: Hand held: \$25-\$100 Bench Grinder:\$150-\$250

Buying Online: [Hand held Bench Grinder](#)

Amount Required: One

Description:

### Sheet Metal Bender

Cost: \$30 - \$80

Buying Online: [Get2buynow search](#)

Amount Required: One or something that does the same thing

Description:

### Rubber Hammer

Cost: ?

Buying Online:?

Amount Required: One

Description: Used by people that repair car bodies. Heavy, but does not damage the surface of metal

## Supplies

Items you will not be able to reuse (unless you have extra!)

### Sheet Metal

Cost: ?

Buying on line:

Amount Required:

Description: 1.2 millimeters thick. Codename, Aluminium 12/10. If you want 1 mm thickness, you have to ask for a 10/10 one

### Sand Paper

Cost: \$2- \$5 per pack

Buying on line: [Abrasives on line](#)

Amount Required: A few packs

Description: paper with sand or other rough material used to rub on metal or wood to smooth surface

### Liquid Metal

Cost - ?

Buying online: ?

Amount Required: ?

Description: ACCIAIO RAPIDO BOSTIK or Bostik Rapid metal It's made up of two boxes that contains two liquid fluids. If you mix these, you will obtain a paste that dries in 5 minutes, and you can work on it with heavy tools. in fact it becomes metal pure at 95%

# Basic Metal Instructions



Trace around templates on to sheet metal and carefully cut out.



Grind edges to as smooth a finish as you can



Note only very tips of edges were ground



Sand to a polished look. Start with 150, then continue to finish with 250. 400 is for the final work.



Bend the metal to the correct shape



Assemble

More details to come as Marino continues...

To ask him questions, go to the [Forum](#)