For pencil leads, first of all, add ground graphite、clay and water ,and mix them together. After that, they will become graphite dough. And then, put the dough into forming press machine and it will be pressed into graphite rods which are known as the leads of pencil. However, the leads which come out from the machine is too soft to write anything. Therefore, the leads still need some steps to deal with the problem. After being drying, put the leads into the oven where the temperature is 800 degrees Celsuis to burn them and let them become stiffer. For pencil cases, at first, grooves cut in wooden slat. And then, put leads into the grooves, and apply glue on the wood. After that, sandwich of slats. When the glue dry, put the product into shaping machine in order to create smooth shape. After those steps, a pencil which we familiar with appear.