Inertia is not understood in todays physics inertia is because of the wave like absorbtion of a force within a mass for example if you have a piece of iron and a piece of larger iron and a piece of lead you would find that the force done by your hand to push them propagates through the whole mass lets see how this happens when your electrons in your hand and your protons push a piece of iron the protons in your hand pushes the protons in the iron and the electrons in your hand pushes the electrons in the iron now when this push happens the pushed protons and electrons within the iron mass push together another proton and electron in the mass and the bigger the iron mass piece the smaller the push for all the iron mass only after the push force has reached the other side of the iron mass the electrons and protons on the other side are pulled again by the electrons and protons nearer to you the electrons and protons on the other side hit them back and then a back and force is attained at the farthest side and a continuous motion is attained indefinitely and while the electron wave is pushed new waves are needed