

# Metal Theory

Ferrous Metal: **Ferrous metals are those which are iron based. They contain Iron and carbon in varying amounts. It is Magnetic.**

Types of Ferrous Metal: **Cast Iron, High Carbon Steel, Mild Steel Stainless Steel**

Products of Ferrous Metal: **Nuts and bolts, Car bodies, Gates, Hand tools, Kitchen-wear**

Non-Ferrous Metal: **Non-Ferrous Metals do not contain iron. There are many different metals that fall into this group.**

Types of Non-Ferrous Metal: **Copper, Aluminium, Lead, Zinc, Tin**

Products of Non-Ferrous Metal: **Ladders, Toy cars, Tin cans, Drinks can, Gardening equipment**

Alloy: **An Alloy is a mixture of metals or a metal and a non metal intermixed.**

Types of Alloy: **Brass, Pewter, Casting Alloy (Chrome)**

Products of Alloy: **Door handles, Candlestick holders, Gifts, Car wheels, Motorbike components**