

## MOLTEN METAL SAMPLING TUBES

01. These samplers have been developed for L.D Converters, EAF. They consist of Sand shell which houses a split metallic mould, this unit is fitted into a paper tube The sample has a disc and pin. Pin is used for combustion analysis and disc is Used for spectrographic analysis.
02. Oxygen is present in iron oxide (FeO), which is dissolved in the steel. This Oxygen is removed by adding a deoxidizing agent such as Aluminium. Aluminium is one of the strongest deoxidizers.
03. Aluminium deoxidant is suitable where aluminium content in final analysis Of steel sample is not required.
04. Zirconium is universal deoxidant and can be used in almost all grades.