# INSTRUCTIONS.

**DISPLACEMENT:**—To find the co-efficient of fineness of a vessel of given displacement or *vice versa.* Set the Breadth to Length and Arrow to the Moulded Draft, and against Displacement read the co-efficient of fineness or *vice versa.*

To find the dimensions of vessel for a given displacement, set the co-efficient of fineness to Displacement and adjust the Length, Breadth, and Draft to proportions, &c., required.

**DEAD WEIGHT:**—To find the Dimensions of plain Cargo vessels. Set the co-efficient of fineness to Dead Weight required to be carried and adjust the Length, Breadth, and Depth Moulded with the type and speed of vessel.

To find Dead Weight capable of being carried on given dimensions. Set the Breadth to Length and Speed (noting type) to the Depth Moulded. Against co-efficient of fineness read the Dead Weight.

**NOTE.**—*The Dead Weight by scale is for plain cargo vessels, and the weight of any additions to Hull or Outfit, such as heavier Scantlings, Decks, &c., &c., over Lloyd's requirements must be deducted from the Dead Weight.*

*No correction need be made for erections such as Poop, Bridge, or Forecastle, as additional weight of these is set off against reduction allowed in the freeboard.*