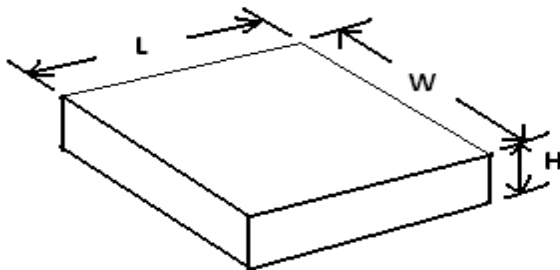


# BHEL Samples Drawing

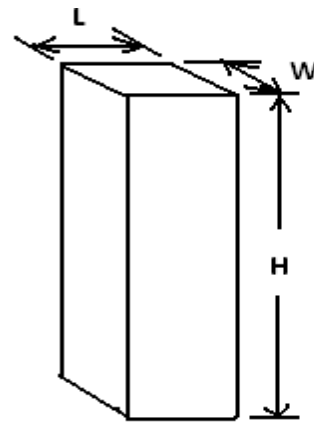
Samples, as shown in table and drawing below, shall be cut from **21 rectangular blocks** with dimension of **Length = 250mm X Width = 250mm X Height = 65mm** each. Maximum dimension should be considered along maximum surface area of the rectangular block. **Material** of the rectangular blocks is **high chromium cast iron**.

Sample	Type of sample	Dimension
(A)	Characterization & erosion test sample	Length(L) X Width(W) X Height(H) = $25^{+0.0/-0.2}$ mm x $25^{+0.0/-0.2}$ mm x 6mm
(B)	Charpy un-notched impact sample	Length(L) X Width(W) X Height(H) = 10mm x 10mm x 55mm
(C)	Abrasion test sample	Length(L) X Width(W) X Height(H) = $25^{+0.0/-0.2}$ mm x 6mm x 75mm
(D)	Wear test sample	Dia. ( $\Phi$ ) X Height (H) = 8mm x 27mm



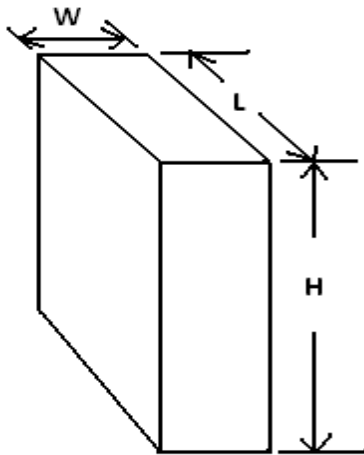
$L = 25^{+0.0/-0.2}$ mm;  $W = 25^{+0.0/-0.2}$ mm;  $H = 6$ mm  
Where, L = Length; W = Width; H = Height

(A)



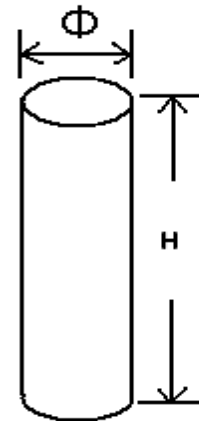
$L = 10$ mm;  $W = 10$ mm;  $H = 55$ mm  
Where, L = Length; W = Width; H = Height

(B)



$L = 25^{+0.0/-0.2}$ mm;  $W = 6$ mm;  $H = 75$ mm  
Where, L = Length; W = Width; H = Height

(C)



Dia. ( $\Phi$ ) = 8mm; Height (H) = 27mm

(D)