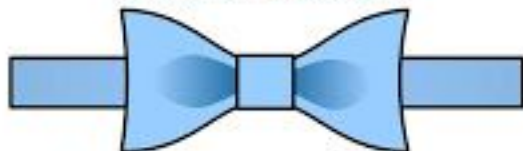
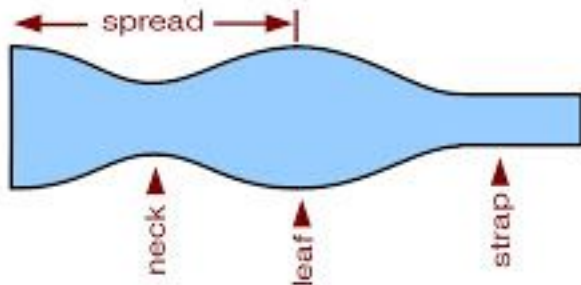


the average bow tie



finished bow proportions –
bow width:bow height=2:1
bow height:knot height=3:1
knot height:knot width=1:1



true bow proportions:
leaf= $\frac{1}{2}$ spread
neck= $\frac{1}{2}$ leaf
strap= $\frac{3}{4}$ neck