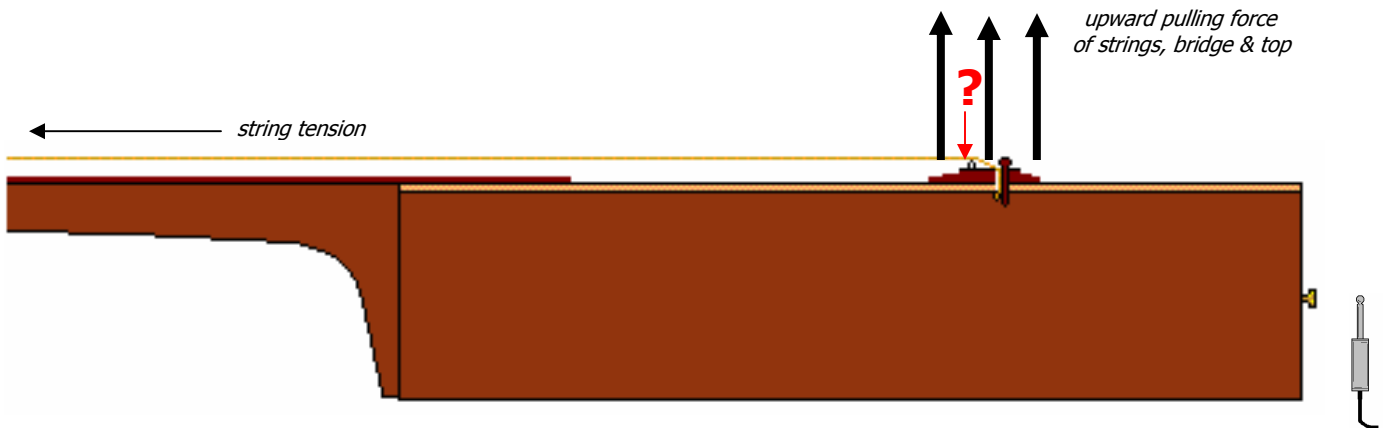


# A SIMPLE DESIGN COMPARISON

## Traditional hollow body acoustic guitar design

In this approach, the thin top is pulled upward at the bridge with hundreds of pounds of force by strings whose ball ends are jammed into the bridge using friction and bridge pins.

**Question:** how efficiently is string vibration being transferred to the bridge saddle and an undersaddle piezo transducer?



## solid body string-through design

**String-through design on the solid body DeMars Guitars delivers only downward pressure of the strings onto the bridge saddle, transferring optimal string vibration to the undersaddle piezo transducer.**

