HOOLES LOW. Tension XX LDTXX LDT= XX - This constant k depends on: 4> The unstretched (natural) (ength of the String or Spring(1) Ly The Mochalus of elasticity (2) K= >/L => >= 22 - This is wheat is called Harles Low - Modulus of clasticity is often also reffered to as youngs Modulus, especially in physics natural length (1) Property of the object extension (x) determined by Force and Modulus of (1). Property of the material Force, often weight. If there are no other external forces Hen it will be opposite of tension.