In high speed drawing machines, creeks rollers are driven by

Chain drive

Spur gears

Toothed belt Round belt

7) To absorb more vibrations and shock loads, the belts should be

Thinner and rectangular in cross section

Thinner and shorter in length

Inclastic and longer in length

A Elastic and longer in length



Clutching mechanism using flat belt usually has

Driven shaft mounted with both loose and fast pulleys and driver shaft mounted with Priving shaft mounted with loose pulley and driven shaft mounted with fast pulley

fast pulley

Both driver and driven shafts are mounted with both loose and fast pulleys

Driven shaft mounted with loose pulley and driver shaft mounted with fast pulley

A flat belt is running at low speed (the effect of centrifugal force is negligible on power transmission). The coefficient of friction between the pulley and belt is 0.3. The angle of wrap of belt over the driving pulley is 180°. What will be the maximum possible tension ratio (output tension over input tension) that the belt will not ship?

10) Idler tension pulley must be located

Next to driven pulley on loose side of beht

Next to driving pulley on tight side of beht

si H 2

o Xo

2.57 2.67 2.87 2.87

Next to driving pulley on loose side of beht

Next to driven pulley on tight side of belt

