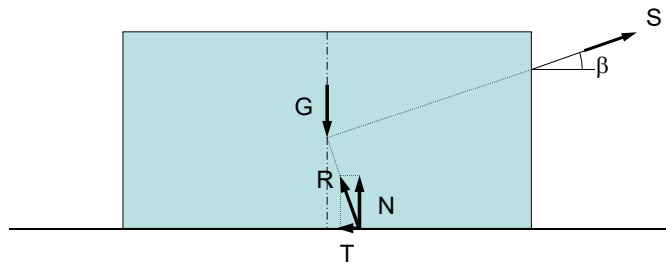
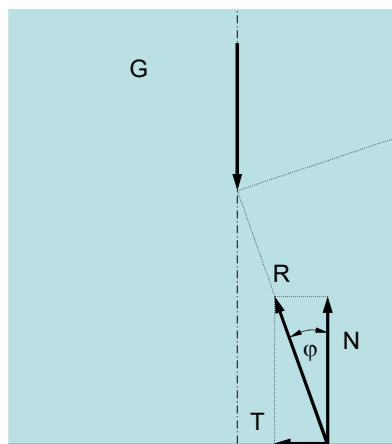


Siła przy poślizgu



Siła przy poślizgu



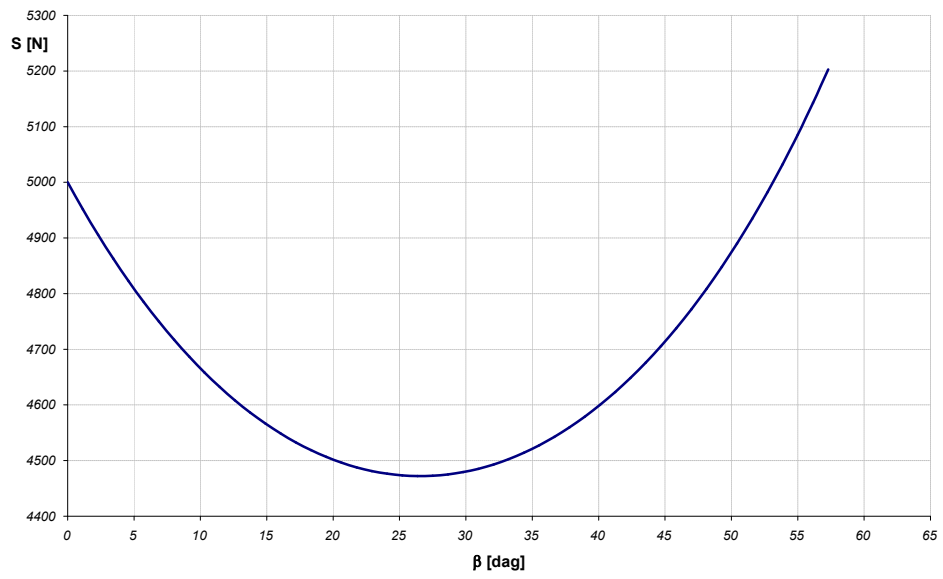
$$T = \mu \cdot N$$

$$\text{tg}\varphi = \frac{T}{N}$$



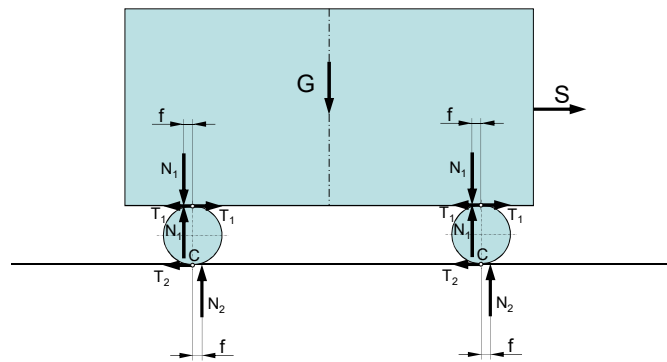
$$\mu = \text{tg}\varphi$$

Siła przy poślizgu

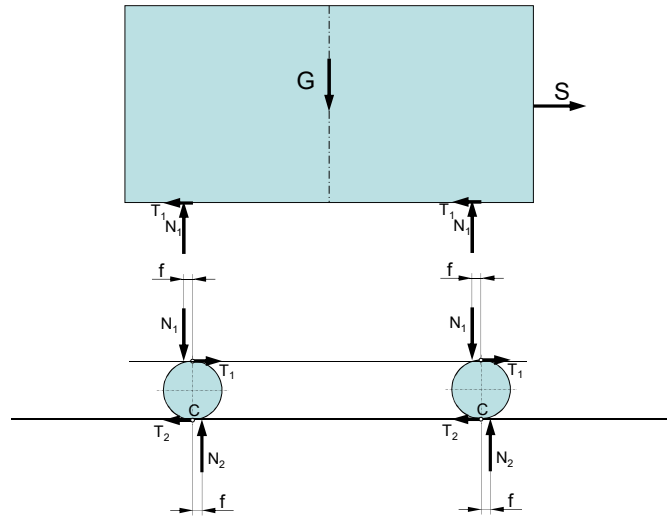


Drewno po drewnie $\mu = 0,5$

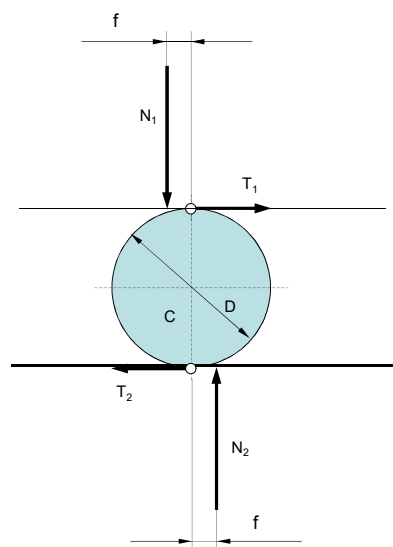
Siła przy toczeniu



Siła przy toczeniu

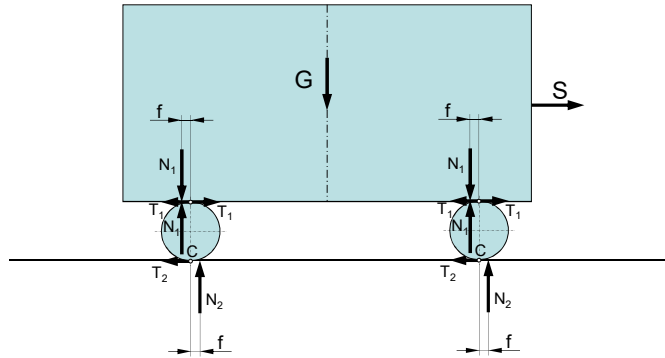


Siła przy toczeniu

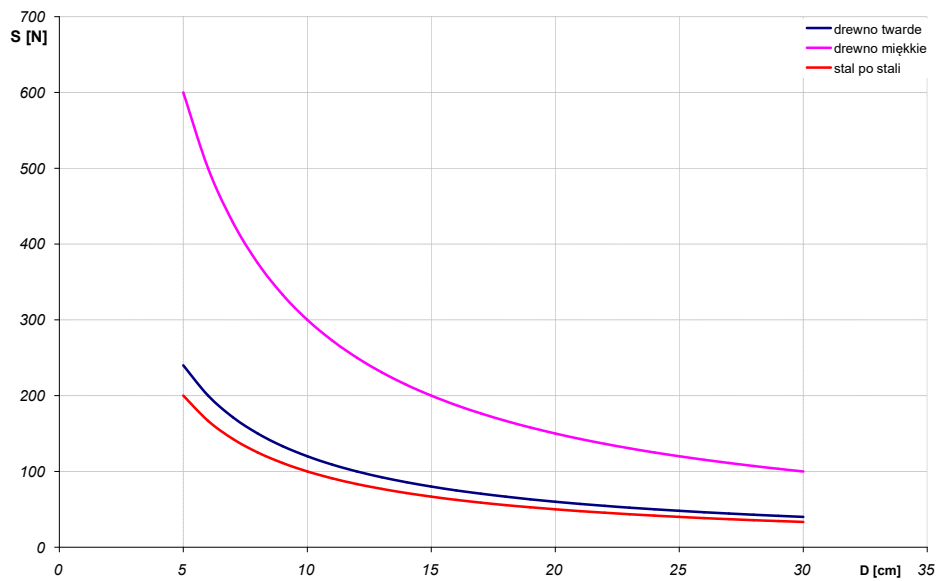


Siła przy toczeniu

$$S = G \cdot \frac{2 \cdot f}{D_k} \quad [\text{N}]$$

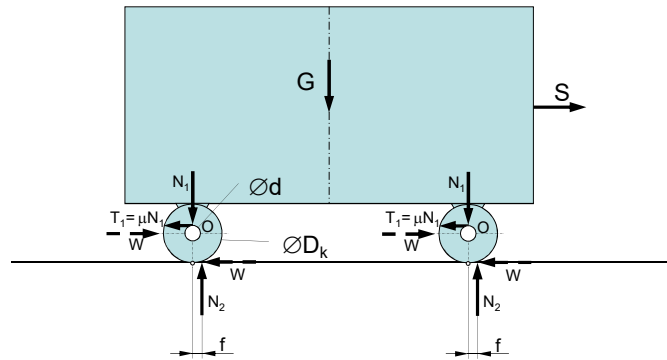


Siła przy toczeniu

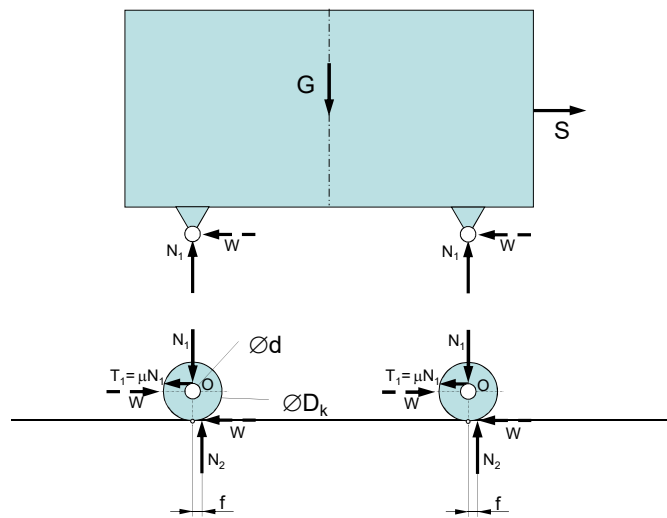


Drewno miękkie po drewnie miękkim $f = 0,15 \text{ cm}$
 Drewno twarde po drewnie twardym $f = 0,06 \text{ cm}$

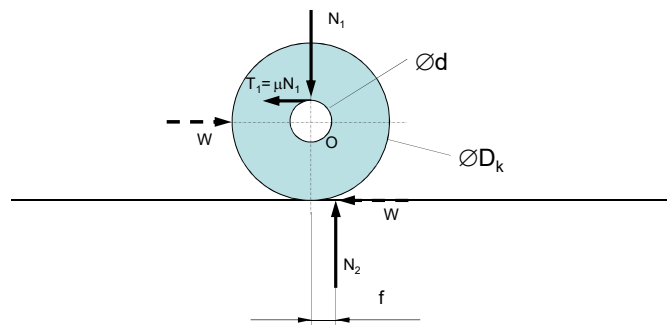
Opory ruchu



Opory ruchu

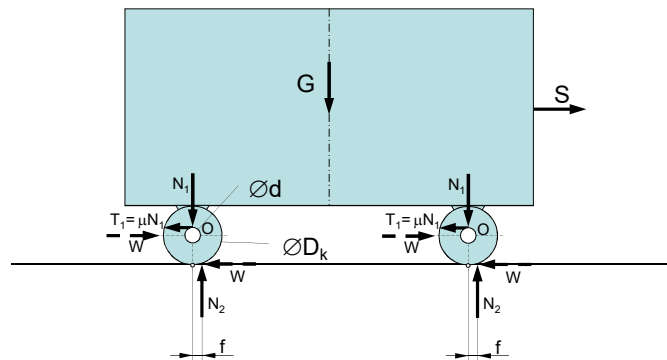


Opory ruchu



Opory ruchu

$$S = \frac{G \cdot (\mu \cdot d + 2 \cdot f)}{D_k} \quad [\text{N}]$$



Opory ruchu

