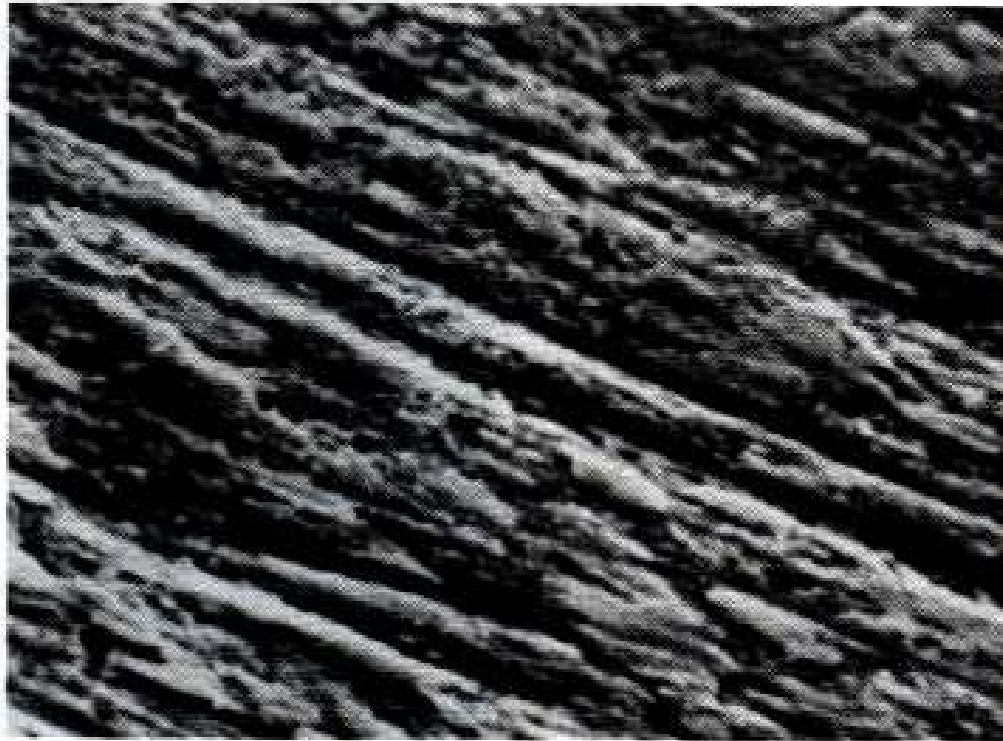
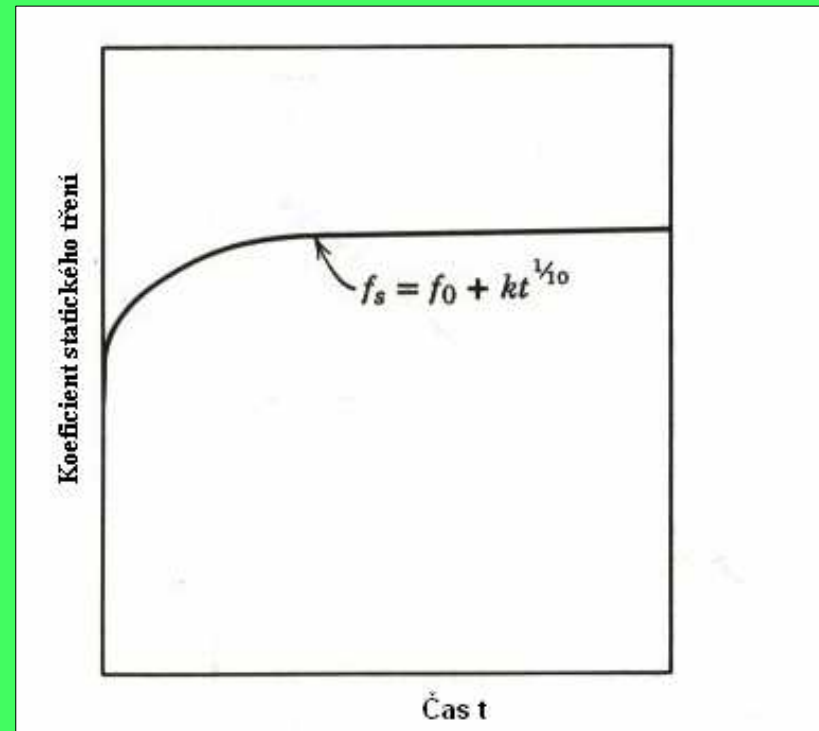
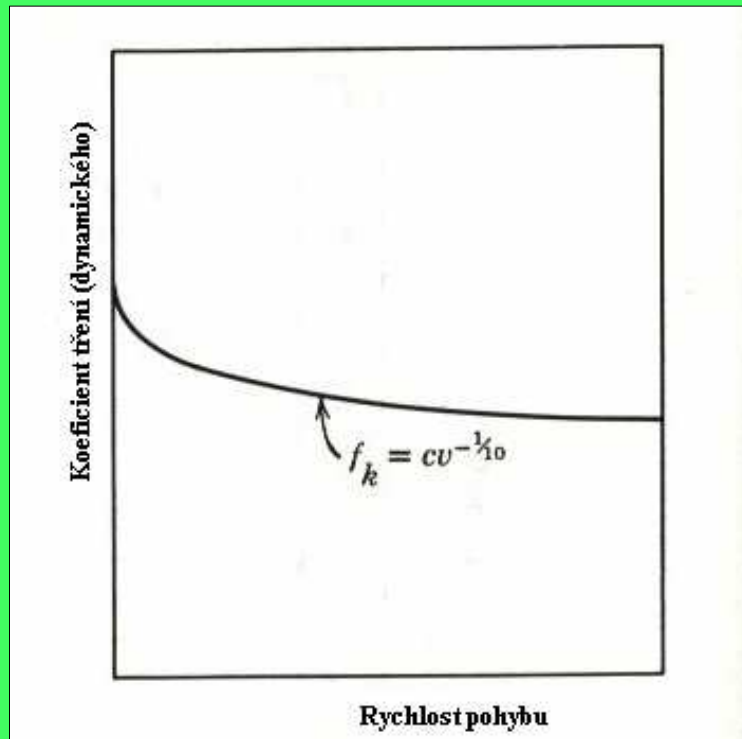


8. Tření

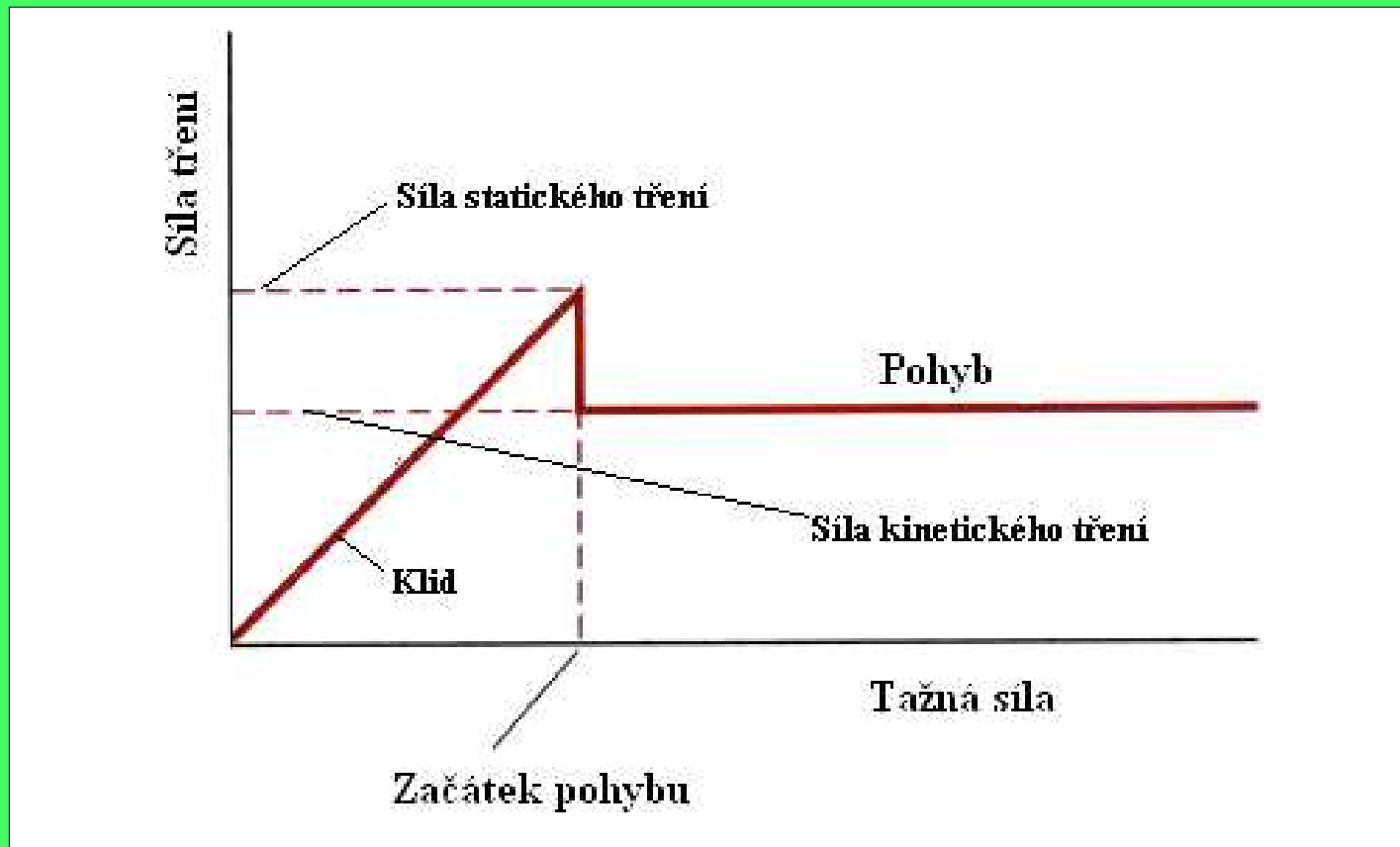


8.1. Tření (suché) smykové

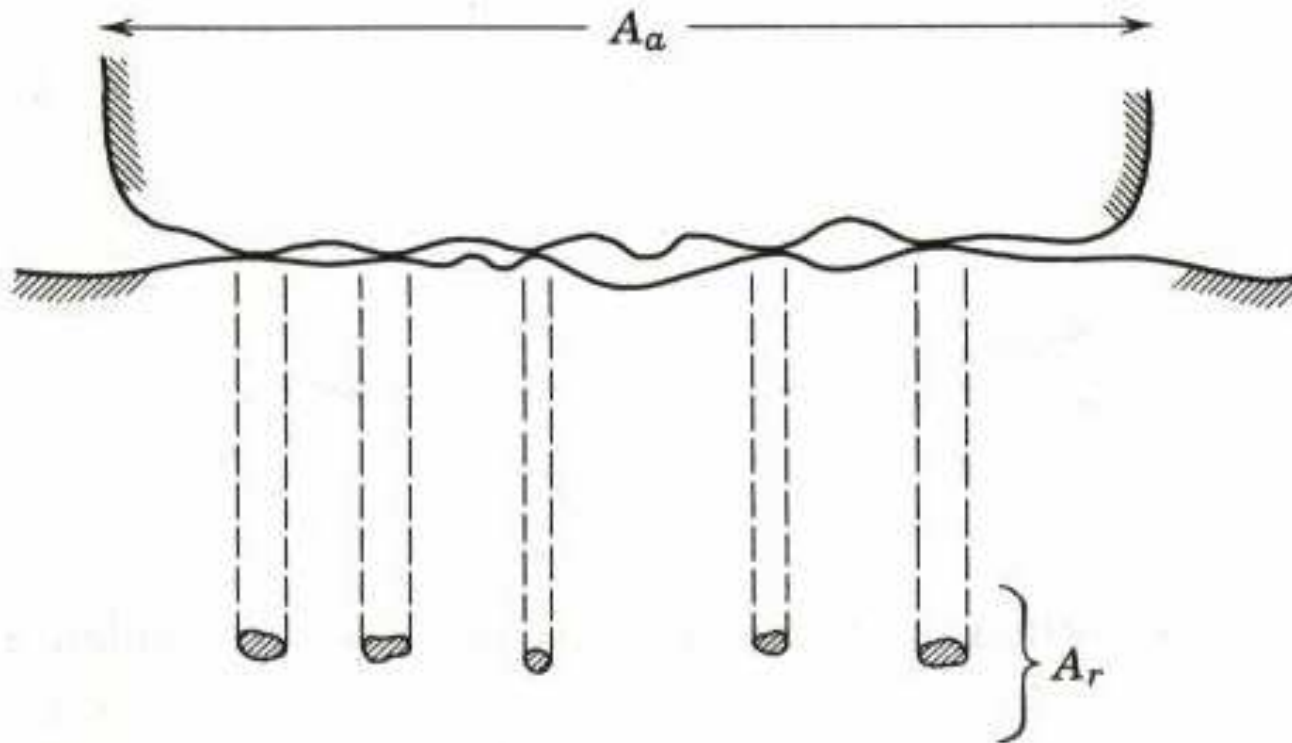
Coulombův – Amontův zákon: $F_t = f \cdot N$



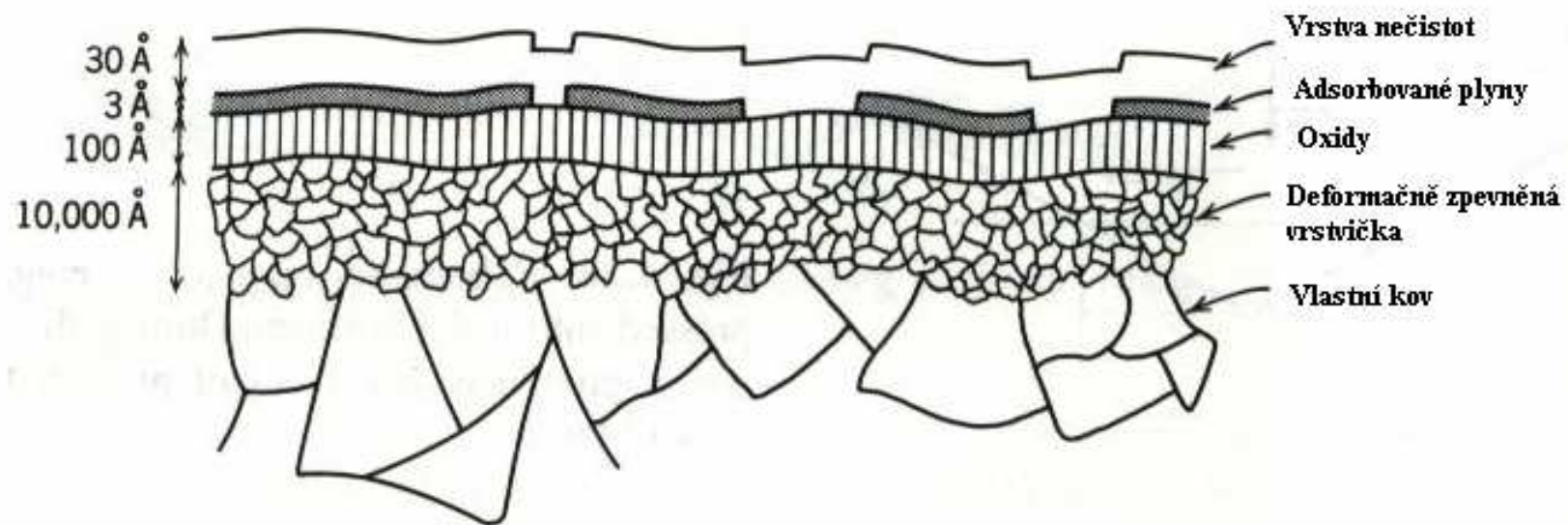
Závislost síly tření na velikosti tažné síly



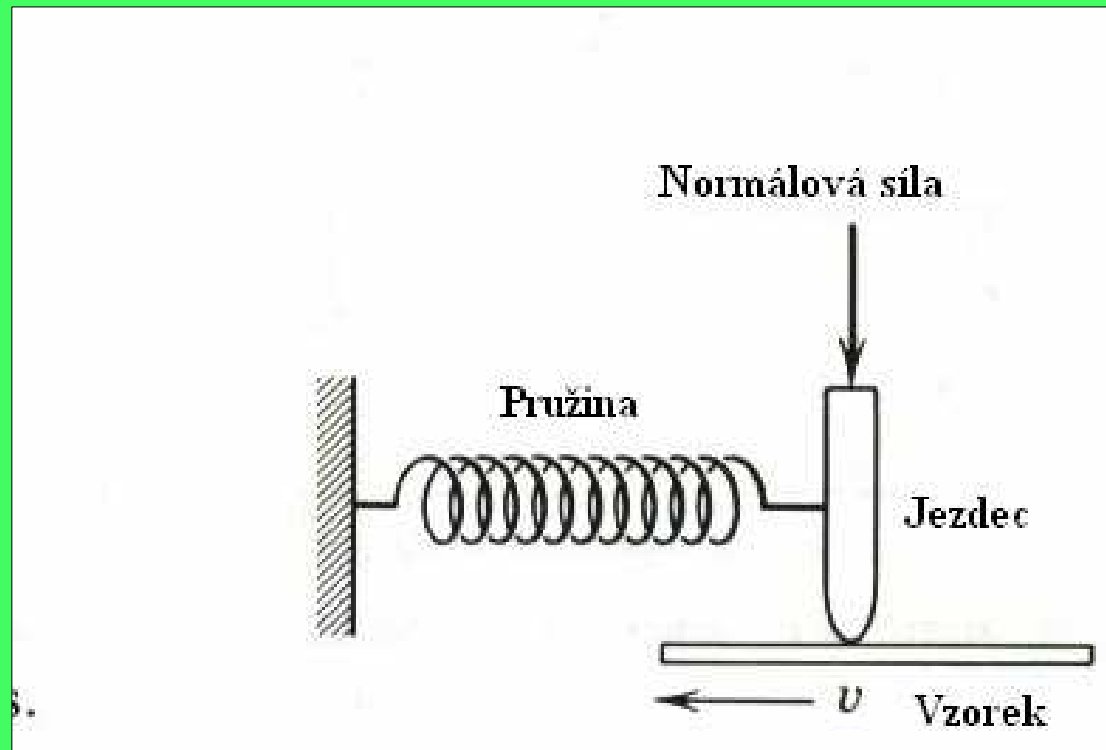
Skutečná a zdánlivá třecí plocha

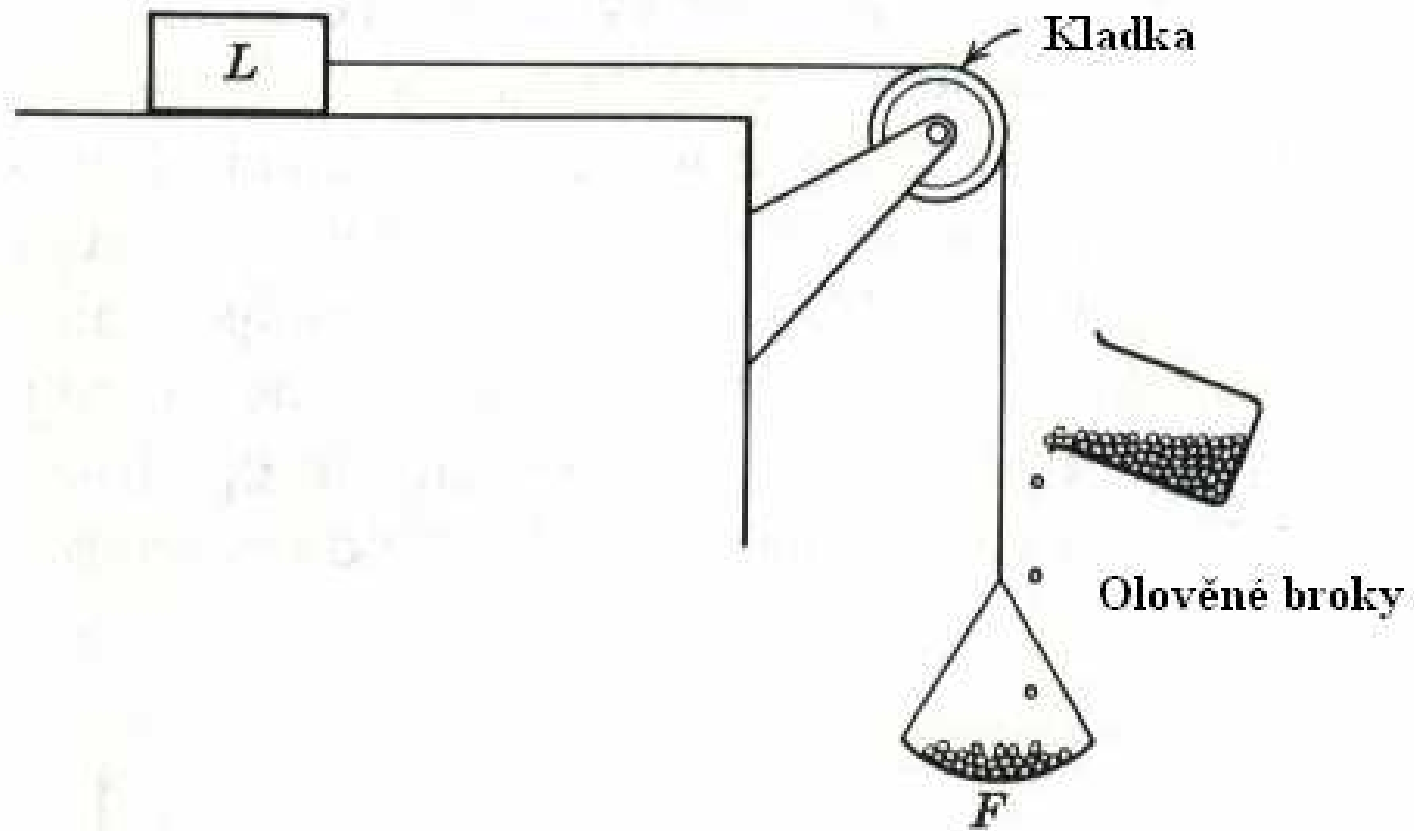


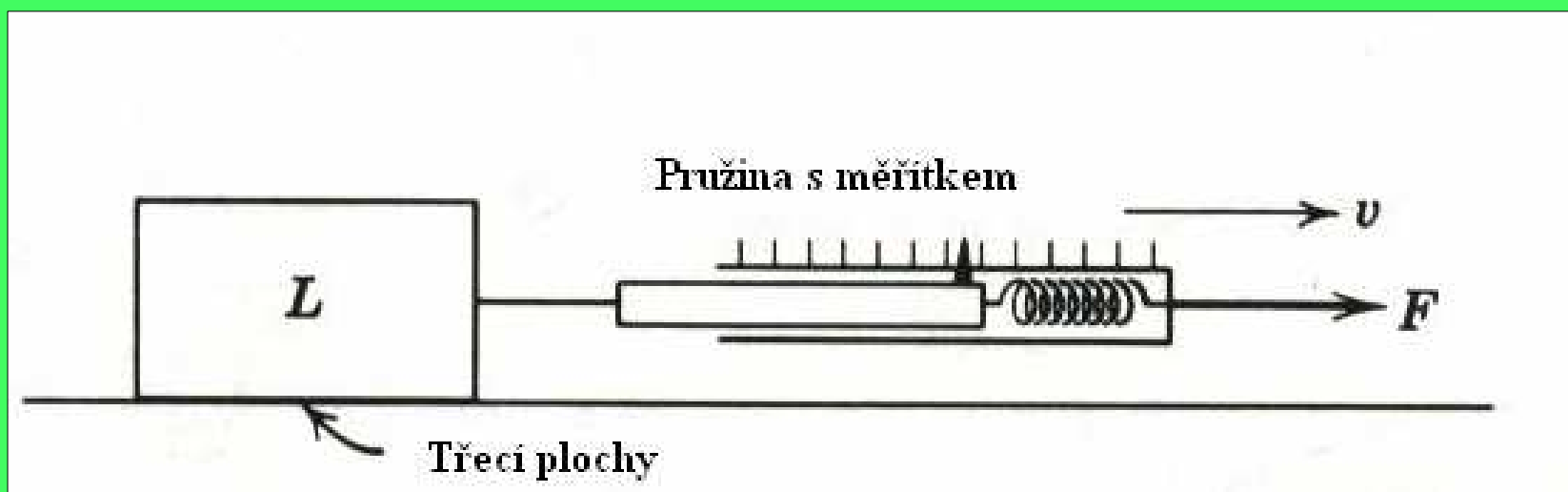
Skutečný povrch kovů.



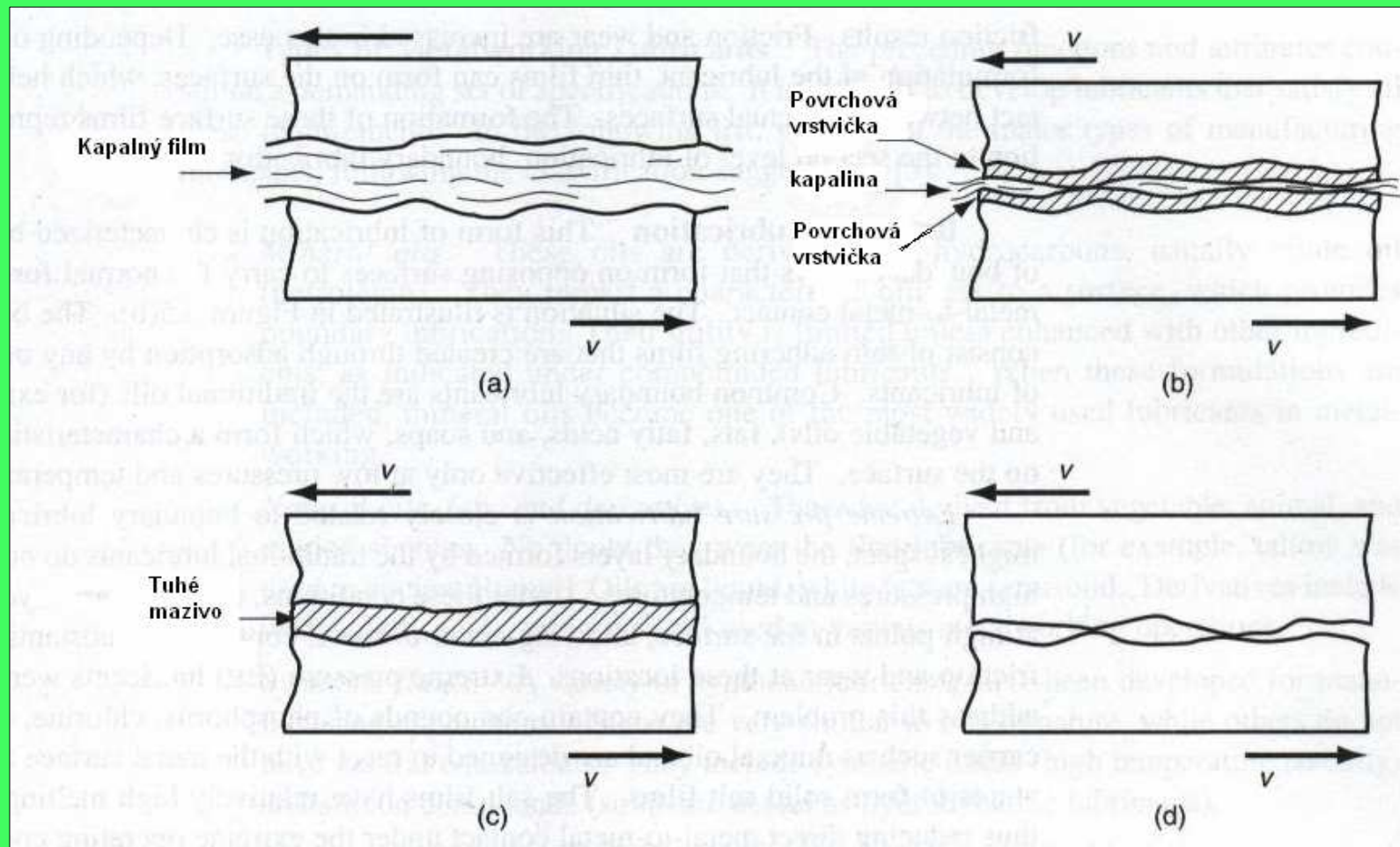
8.2. Měření koeficientu tření.



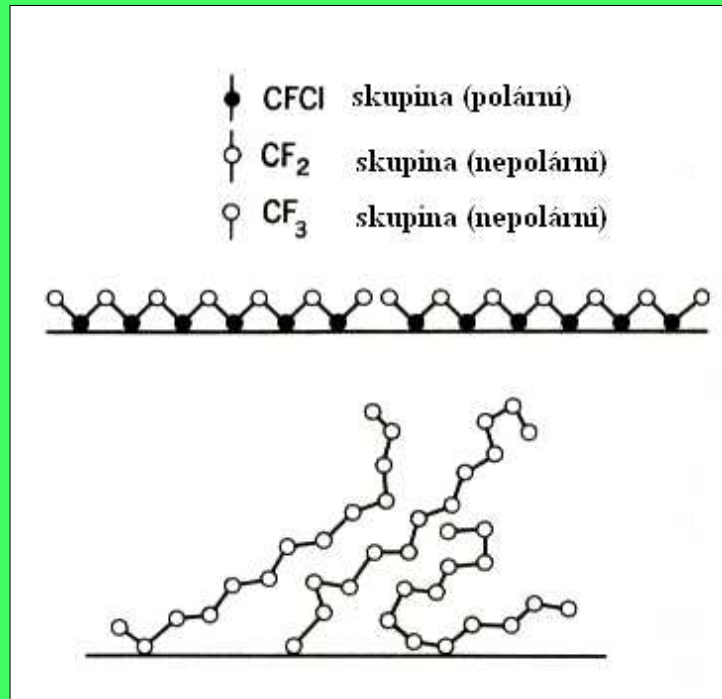




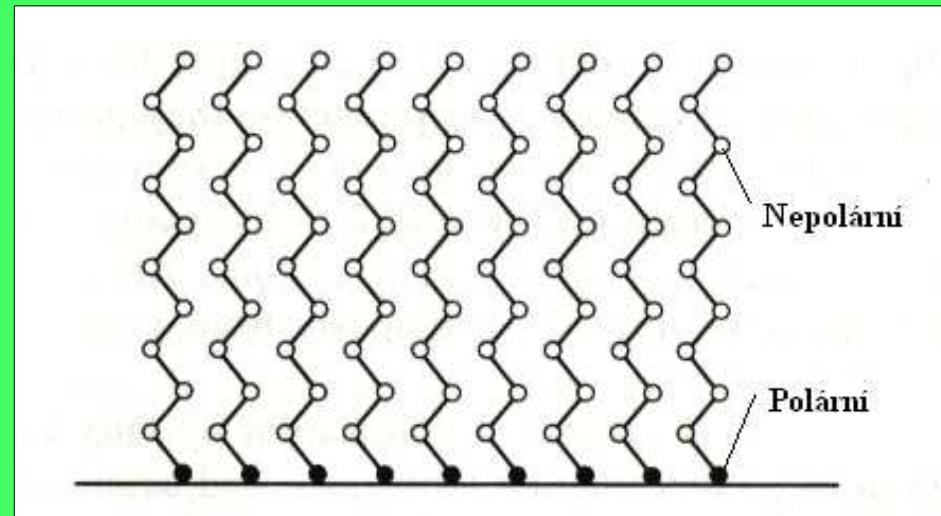
8.3. Snížení tření mazáním.



**Druhy maziv: Minerální oleje, rostlinné oleje, syntetická maziva,
kompozitní maziva, vodní maziva, povrchové vrstvy.**

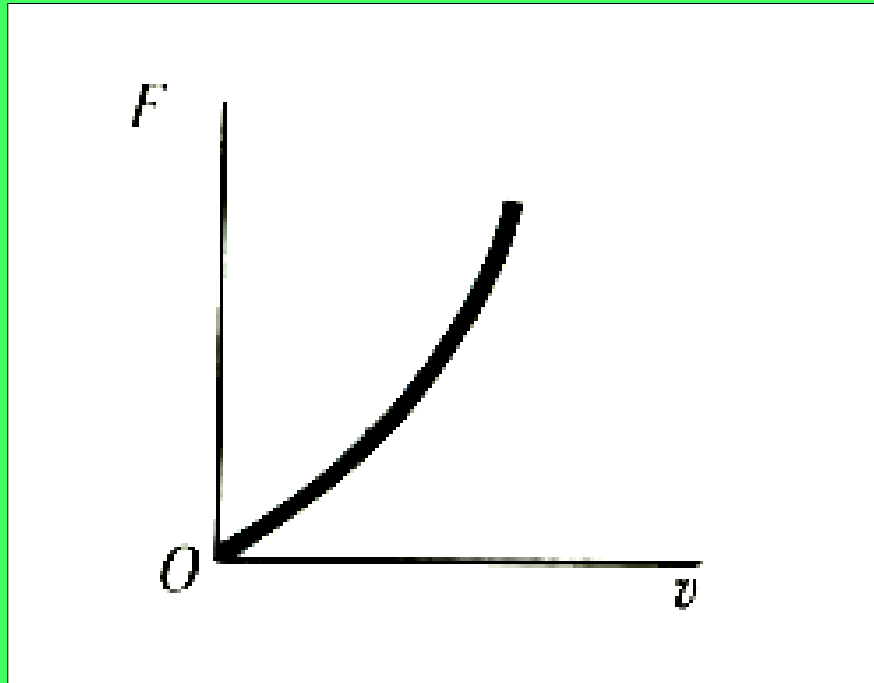


Nekvalitní maziva



Kvalitní maziva

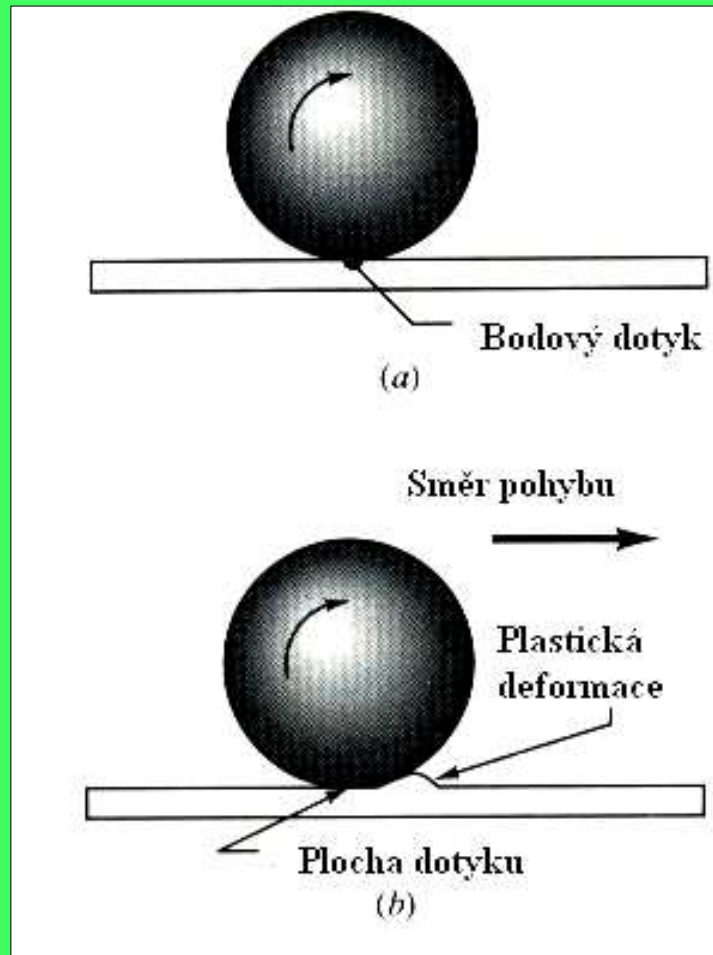
8.5. Mokr  (vazk ) t ren 



$$F_t = 6 \cdot \pi \cdot \eta \cdot r \cdot v = b \cdot v$$

$$F_t = C \cdot v^2$$

8.5. Valivé tření.



$$T_v = \frac{\mu_v}{r} N$$