

Study of frution = & tribology  da Vini (1600)  1) independent of contact area  2) independent of relative velocity ( v > 0)
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1) independent of contact area
2) independent of relative velocity ( >0)
3) proportional to normal force
* Kinetic friction (v >0)
fk force  force
fk S
coefficient of kinetic
Jorce friction
ux démensionless, no units pur a number 001-1 or larger
0.01 - 1 or larger
uk depends on surface and object
* Static friction (F=0)
coefficient of static
Coefficient of static  fiction
I is at large as needed to maintain a=0
fs is at large as needed to maintain a=0 and if fs needs to be larger than us N solvert mill start morning
- obsect will start morning





