

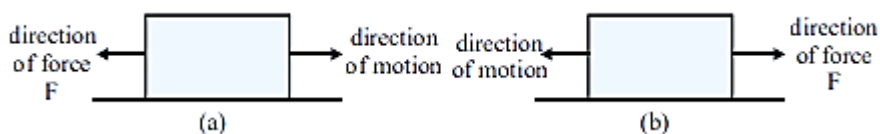
Friction

Introduction of Frictional Force

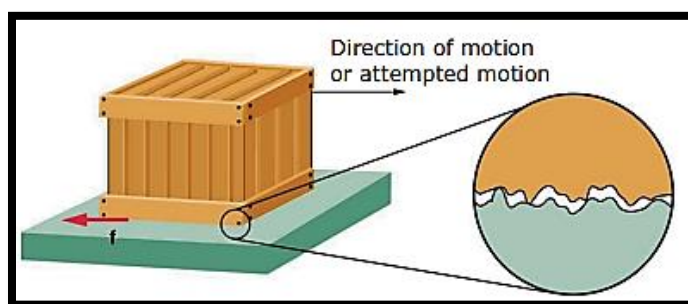
INTRODUCTION OF FRICTIONAL FORCE

If the switch off the engine of car it will stop after moving a certain distance. It means that some retarding force is acting on the car which stops it. The force opposing the motion of the car is called "force of friction".

- (i) The frictional force is tangential to the surface in contact and always in a direction opposite to the direction of motion of the object.



- (ii) Frictional force is a force opposing the relative motion between two surfaces which are in contact with each other.
- (iii) The force of friction arises due to the interlocking of irregular projections on the two surfaces and is called as "force of contact".



FRICTION BETWEEN TWO SURFACE