

## 2 Rollers



### 2.6.1 - Impact rollers

Impact rollers are used and positioned corresponding to the load points, where the lumps and the weight of material falling onto the belt could in fact cause damage to it.

For the correct dimensioning and the choice of impact rollers in relation to the load check the characteristics of the base roller.

To limit the impact effect of the material onto the rollers, the latter are covered with a series of rubber rings of adequate thickness and resistance.

Impact rollers are under stress not only from the load of the material, but also from the dynamic forces as the load falls onto the belt.

The impact onto the belt, arising from the free fall of material (Fig.6) will be naturally greater than in the case where the material is deflected onto the belt by an inclined plate (Fig.7).

