a.Définition :

Une liaison glissière représente suivant un axe, une liberté en Translation (T) et une liaison en Rotation (R) ; suivant les autres axes aucune liberté.

L'élément mobile est nommé **coulisseau** ; L'élément fixe est nommé **glissière**.

Schéma :

Schéma Cinématique

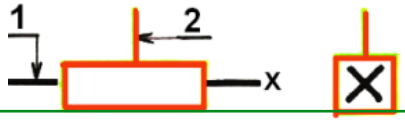
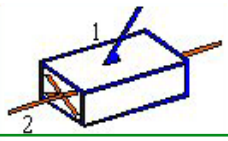
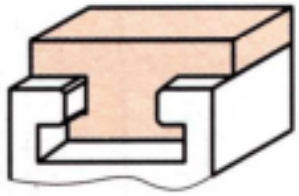


Schéma en 3D

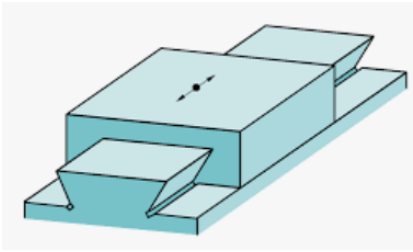


b.Guidage en translation par surfaces prismatiques .

Forme en T

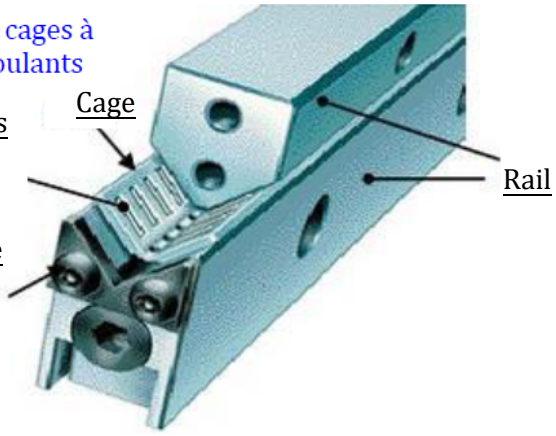


Forme en Queue d'aronde

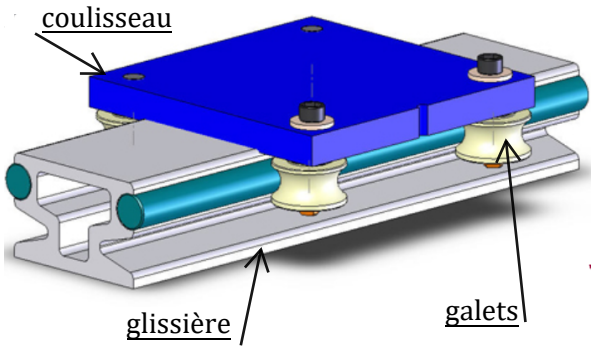


Guidage par double tige ou double colonne

Guidage par cages à éléments roulants

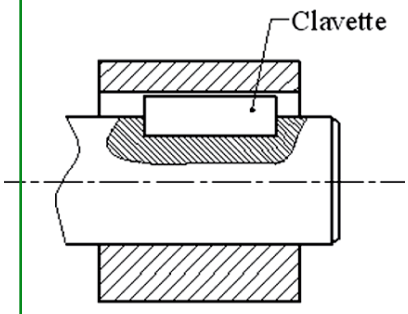


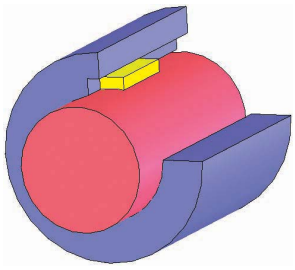
Système de guidage à galets



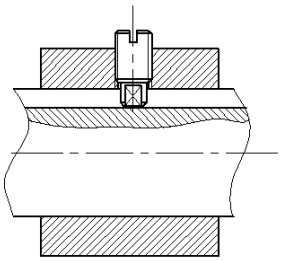
c.Guidage par surfaces cylindriques (contact direct ou glissement)

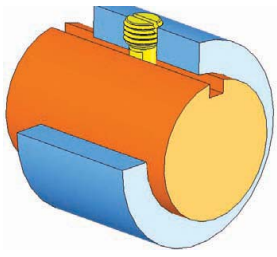
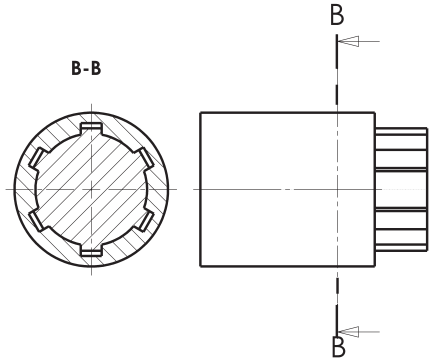
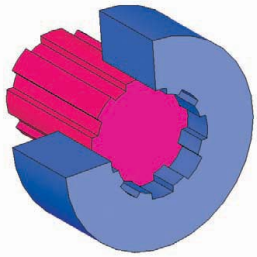
Guidage par clavette





Guidage par vis de pression





Guidage par cannelures