

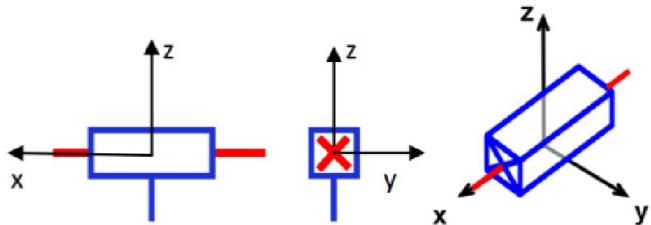
## Liaisons et Assemblages

### GUIDAGE EN TRANSLATION

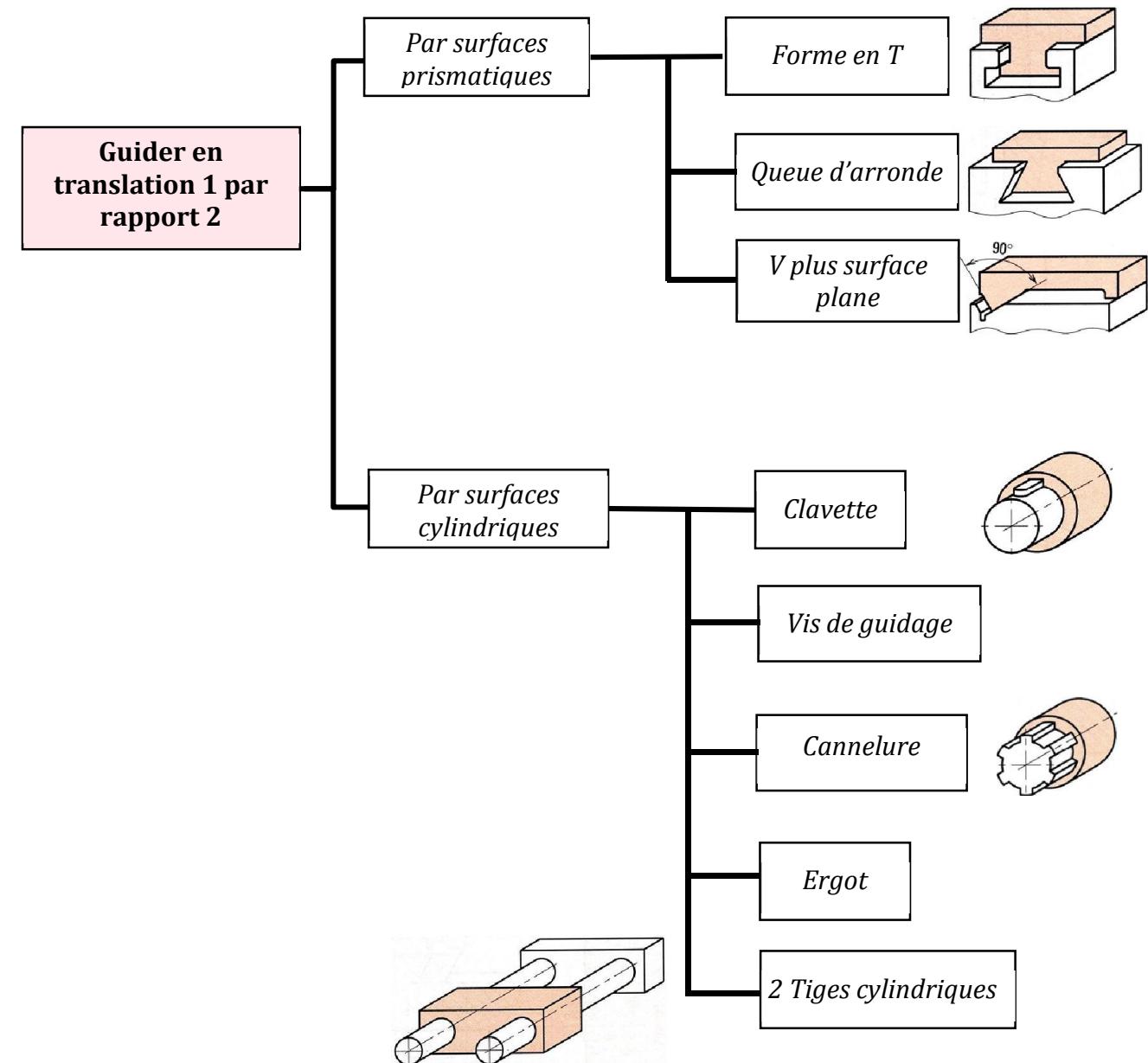
#### .I Définition :

La solution constructive qui réalise une liaison glissière est appelée *guidage en translation*.

#### .II Schéma cinématique :



#### .III Solutions technologiques :



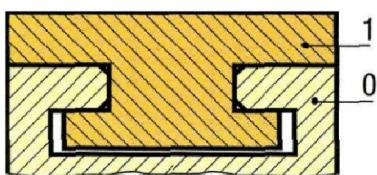
### III-1 Guidage par surfaces prismatique

#### 1.1 ) Contact direct

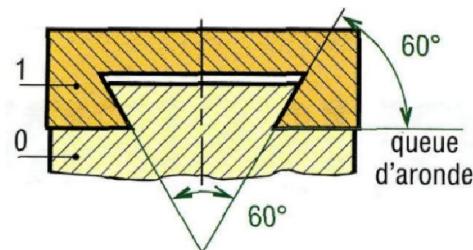
- ✚ Solution simple et économique
- ✚ Frottement important entre le coulisseau et la glissière,
- ✚ Réglage de jeu indispensable.

##### a ) Exemple de solution :

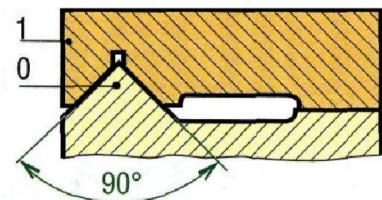
Forme en T



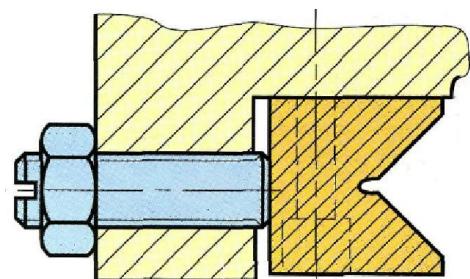
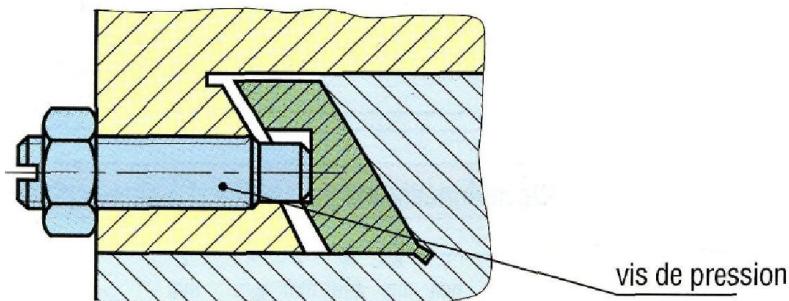
Queue d'aronde



V plus surface plane



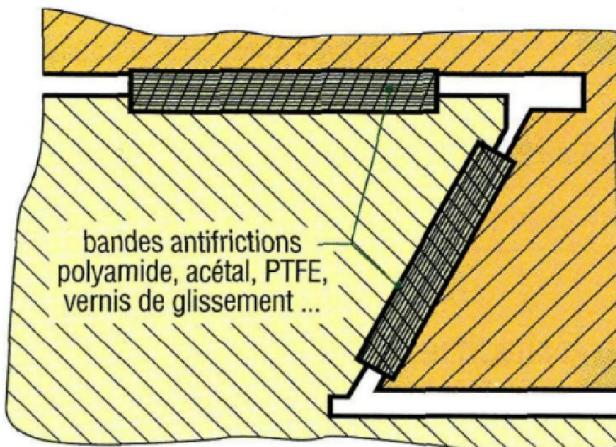
##### b ) Réglage du jeu fonctionnel



#### 1.2 ) Contact indirect

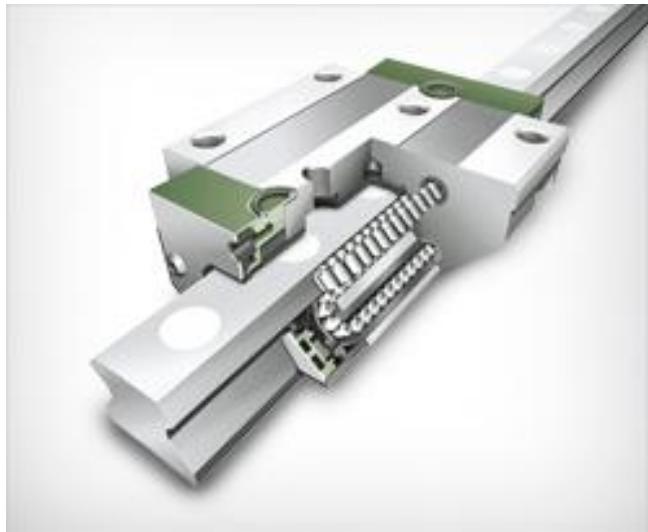
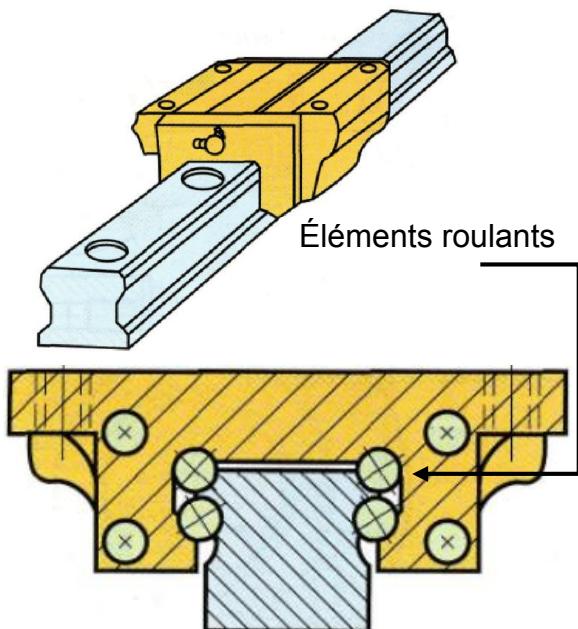
Pour diminuer le frottement en interpose entre les surfaces de contact des bandes anti friction ou éléments roulants

##### a ) Guidage par interposition de Bandes anti friction

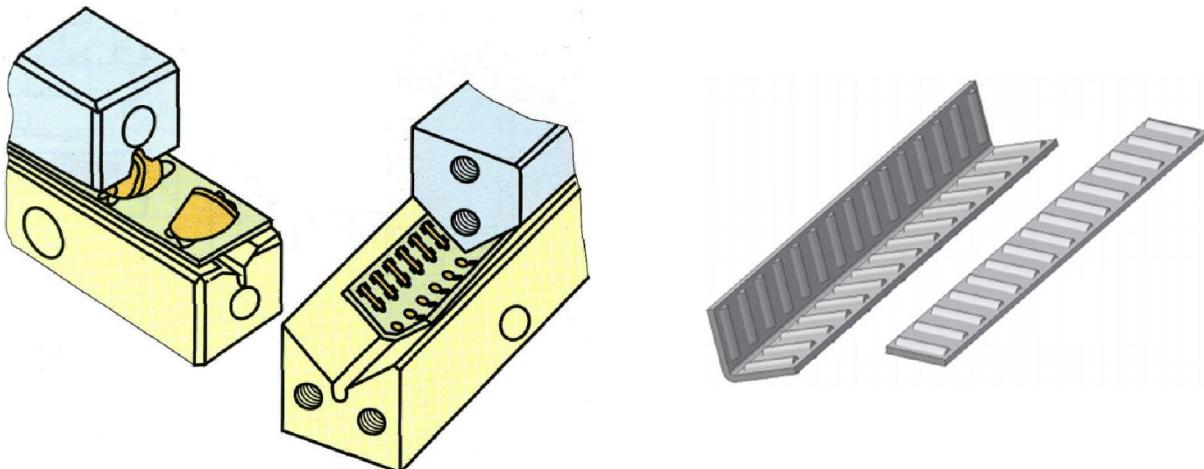


Liaisons et Assemblages

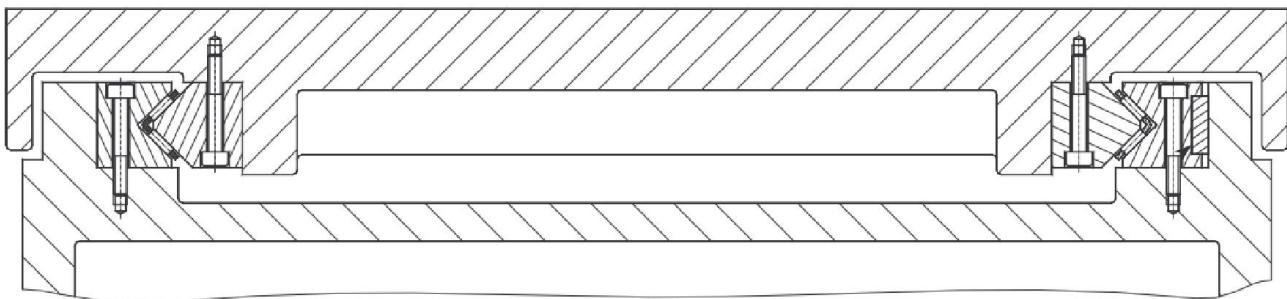
b ) Guidage par interposition d'éléments roulants



✚ Patins à billes à rouleaux ou à aiguilles

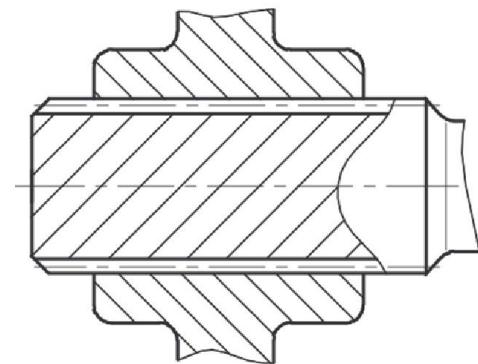
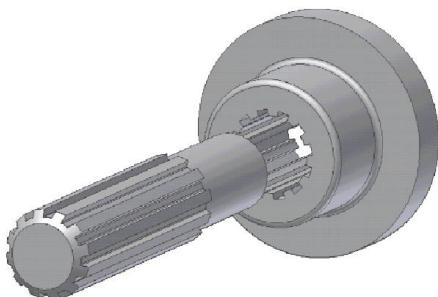


✚ Représentation graphique

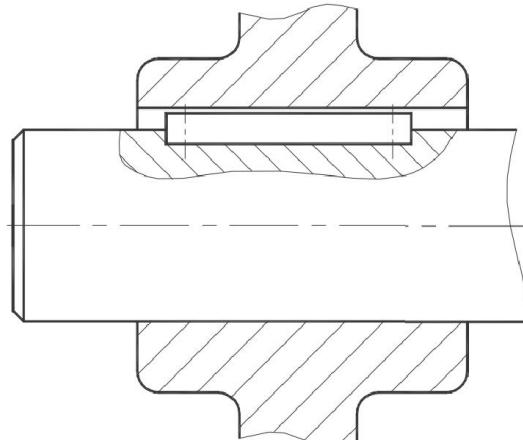
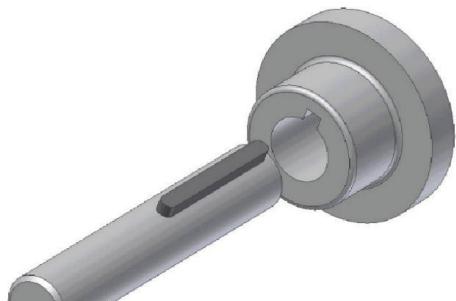


III-2 Guidage par surfaces cylindriques

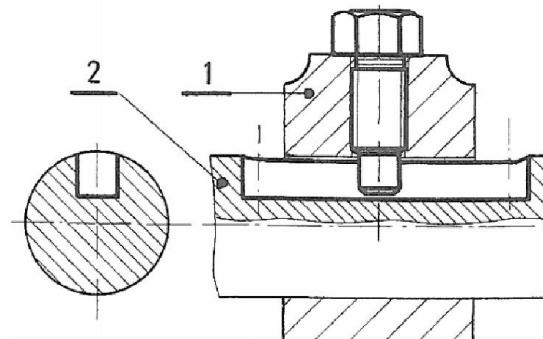
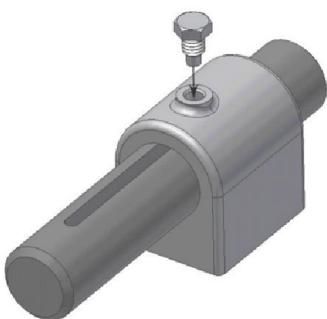
2.1 ) Guidage par cannelures



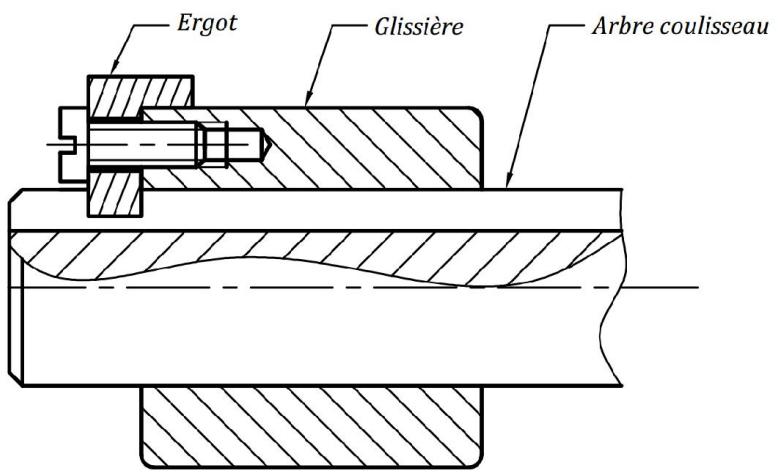
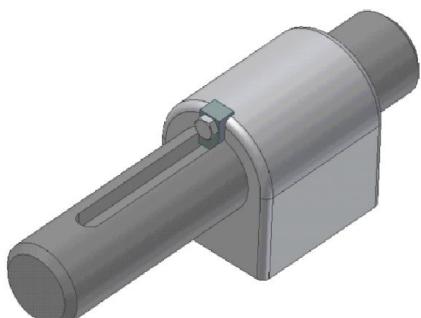
2.2 ) Guidage par clavette



2.3 ) Guidage par Vis de guidage



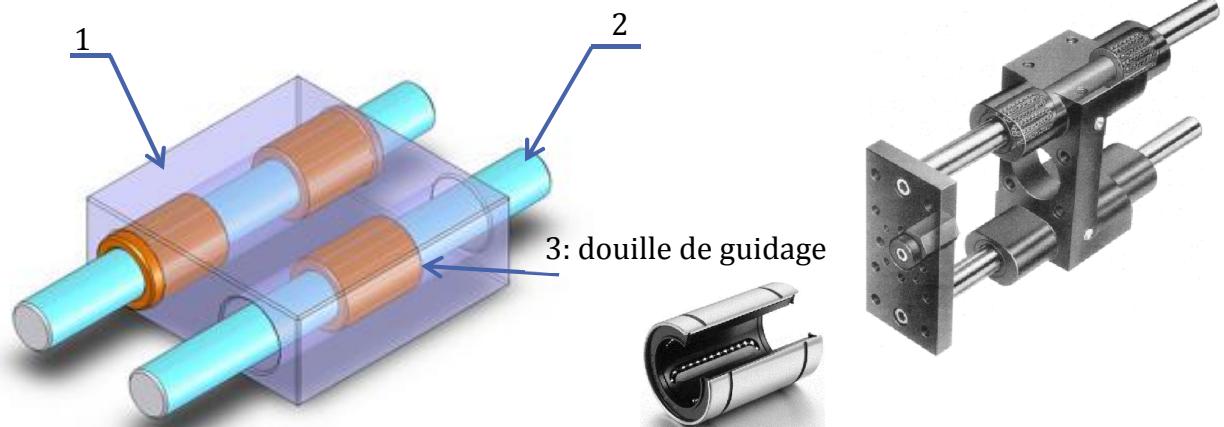
2.4 ) Guidage par Ergot



## Liaisons et Assemblages

### 2.5 ) Guidage par tiges cylindriques

Module de guidage linéaire



### .IV Application :

Guider en translation 2 par rapport à 1

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Compléter le tableau des liaisons

	Liaisons
1/2	
3/2	
4/2	
3/1	

Compléter les schémas cinématique

