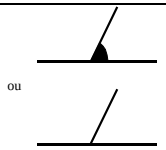
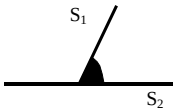
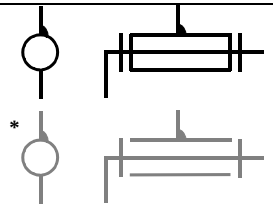
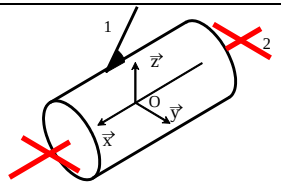
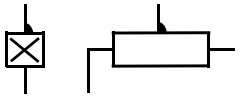
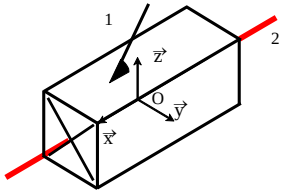
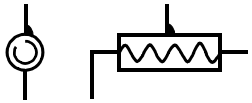
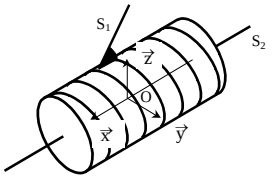
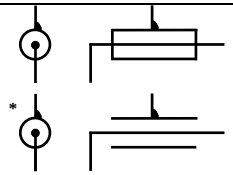
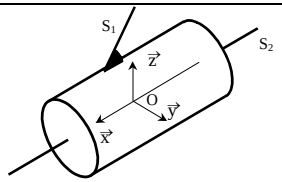
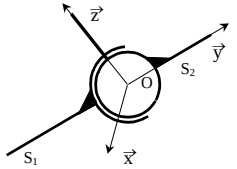
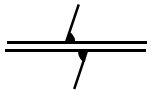
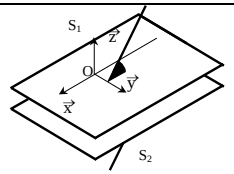
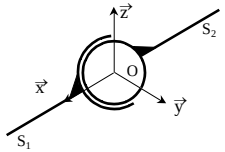
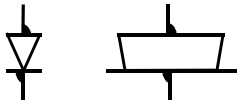
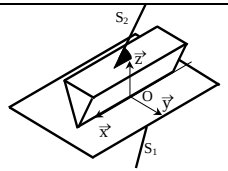
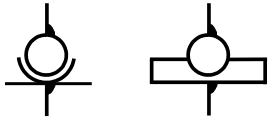
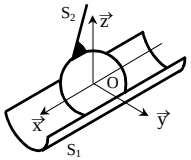
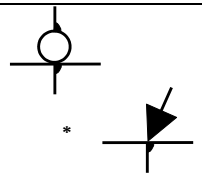
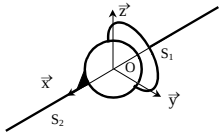
Liaisons usuelles entre deux solides et torseurs de Actions Mécaniques Transmissibles

Désignation	Degré de liberté	SYMBOLES		Torseur des Actions Mécaniques Transmissibles dans la base $(\vec{x},\vec{y},\vec{z})$	Forme particulière conservée
Liaison encastrement ou liaison fixe					
Liaison pivot d'axe $(0,\vec{x})$					$\forall$ P $\in$ à l'axe $(0,\vec{x})$
Liaison glissière de direction $\vec{x}$					$\forall$ P
Liaison hélicoïdale d'axe $(0,\vec{x})$					$\forall$ P $\in$ à l'axe $(0,\vec{x})$
Liaison pivot glissant d'axe $(0,\vec{x})$					$\forall$ P $\in$ à l'axe $(0,\vec{x})$

Liaison sphérique à doigt centre O direction du doigt $\vec{z}$ plan de la rainure $(\vec{x},\vec{z})$					En O centre de la sphère
Liaison appui plan de normale $\vec{z}$					∀ P
Liaison sphérique ou rotule de centre O					En O centre de la sphère
Liaison linéaire rectiligne ou cylindre plan droite de contact $(0,\vec{x})$ et plan tangent au contact $(\vec{x},\vec{y})$ (normale z)					∀ P ∈ au plan $(0;\vec{x},\vec{z})$
Liaison linéaire annulaire ou sphère cylindre d'axe $(0,\vec{x})$					En O centre de la sphère
Liaison sphère plan ou ponctuelle de centre O plan tangent au contact $(O,\vec{y},\vec{z})$					∀ P ∈ à l'axe $(0,\vec{x})$