

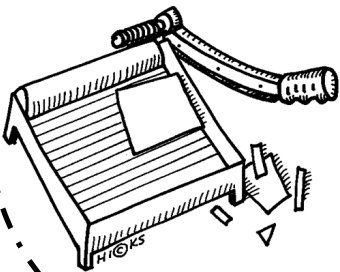
# MECHANICAL CONSTRAINTS

Type of Constraint	Symbol	Description	Examples
<b>Compression</b>		Forces that _____ a material.	
<b>Tension</b>		Forces that _____ a material.	
<b>Torsion</b>		Forces that _____ a material.	
<b>Deflection</b>		Forces that _____ a material.	
<b>Shearing</b>		Forces that _____ a material.	

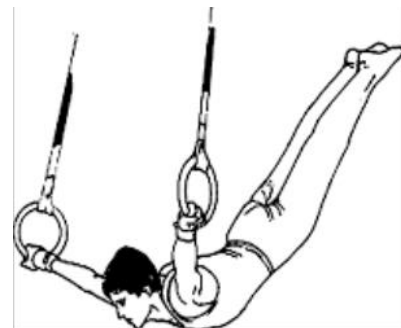
Which constraint is being applied to the following?



← \_\_\_\_\_  
 \_\_\_\_\_ →



← \_\_\_\_\_  
 \_\_\_\_\_ →



# DEFORMATIONS

Type of Deformation	Description	Examples
Elastic	The constraint leads to a temporary change.	
Plastic	The constraint leads to a permanent change.	
Fracture	The constraint is so intense that the material breaks.	

