

## LINKAGES AND MECHANISMS

### REFERENCE : EZ510



*Non contractual photo*

#### SERVICE :

**DIMENSIONS :** EX510 : 330 X 275 X 55 MM /  
EX519 : 330 X 275 X 55 MM  
**WEIGHT :** EX510 : 2 KG/ EX519 : 1 KG

The educational set "links and mechanisms" facilitates the understanding of the fundamental concepts related to link kinematics: identification of simple links, possible movements, contact surfaces, etc.

The student has solid material to materialize the links, simulation software and real products to illustrate each type of connection.

#### Technical specifications :

##### Proposed TP Themes :

- Construct standardized single bonds and discover internal movements, symbols and contact surfaces
- Discover the kinematics from a volume representation and a real product
- Identify, with the standard, the connections between solids and deduce the relative movements
- Analyze the motion of a solid in rotation, translation in a fixed reference

##### Composition :

- Cinematic case of links and its educational file EX510
- Case links and mechanisms EX519
- CD Rom: study of simple and compound bonds EX518-1