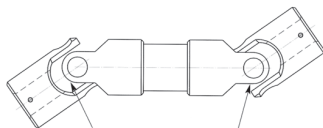


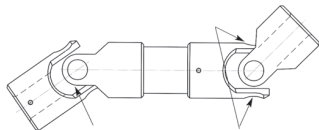
Use and maintenance of universal joints

Use and maintenance of universal joints

The yokes should be positioned as shown in the diagram in order to obtain an uniform movement.



Correct assembly
Yokes well-positioned



Incorrect assembly
Yokes badly-positioned

Maintenance of universal joints is limited to regular lubrication at least once a day.
In a dusty environment, using grease-filled joint covers is recommended.

Several rules should be followed for a universal joint to work correctly:

- It is rare for a single joint to be used alone. They are normally only used in manually operated systems.
- Assembly of two single joints (a double joint) allows speed irregularities of a single joint to be corrected by another joint exhibiting the same irregularities in the opposite direction. The transmission is said to be homocinetic.

