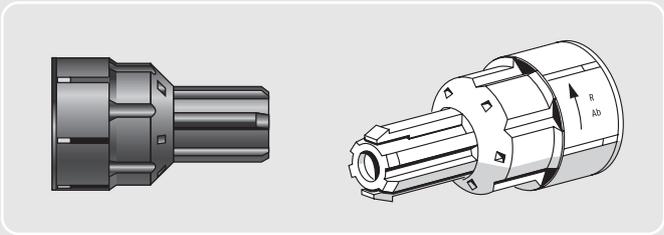


# Options

## ABS Wheels: LS 40 and LT 50 ABS wheel



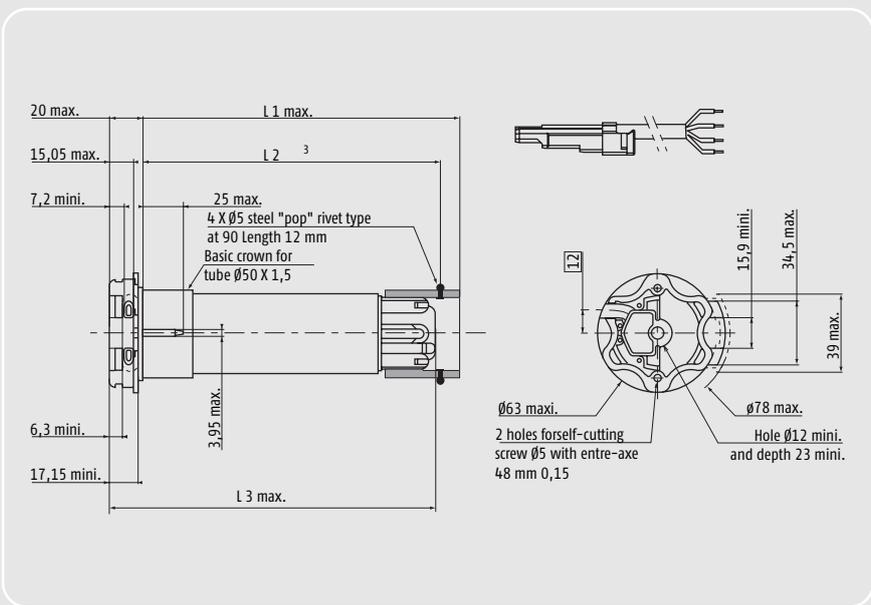
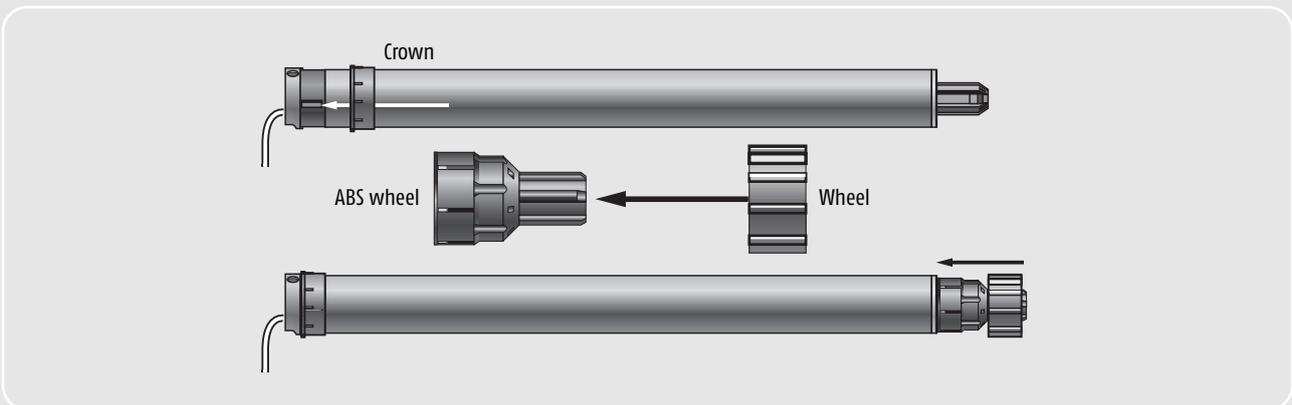
The function of an ABS-wheel is to protect the end-product in case of an obstacle (when rolling shutter is going downwards). An ABS-wheel only works when using rigid links. The anti-intrusion function of lockers doesn't work when combined with an ABS-wheel.

When there is an obstacle the ABS-wheel 'releases', this means the output shaft continues turning but not the wheel, so the tube doesn't force on the roller shutter curtain any longer.

There is a left and a right version, the ABS-wheel has to be chosen in function of the position of the motor in the tube as well as the direction of rotation.

If the motor is directly controlled by a switch (solution extremely inadvisable), the motor will continue running until the thermal protector cuts the current.

If the motor is controlled by an automatism, the motor will stop at the end of the temporisation of the automatism.



## SDO module

The SDO module is placed on the opposite side of the motor. It looks like a small motor but has only the end-limit switch built-in.

This option, allows to take out two additional contacts, that have to be cabled on specific automatisms, and to add two intermediate positions for specific applications such as roller shutters with tilting slats. SDO modules can only be used with LT 50 motors.