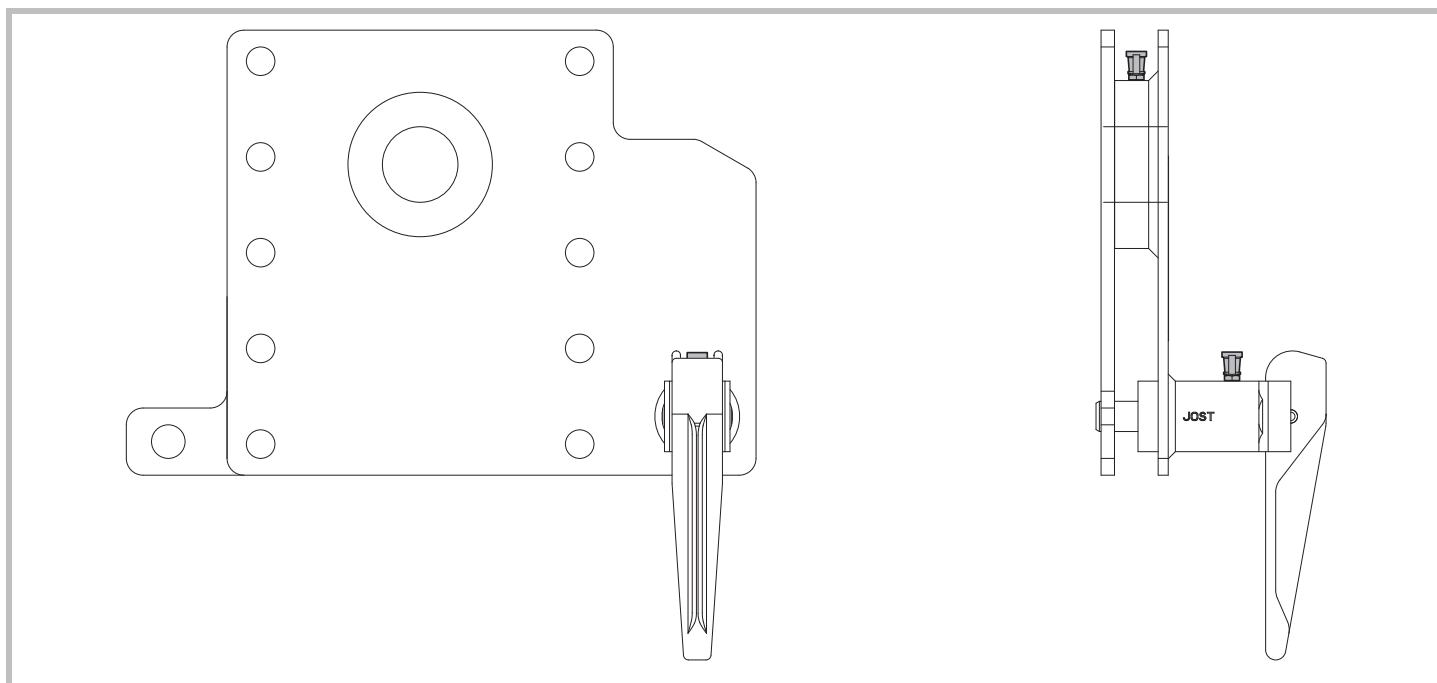


# Installation and maintenance instructions for landing gear swivel bearing

# JOST



Article no.	Designation	Support load
JS E010.011	Standard swivel bearing right	5 t
JS E010.012	Standard swivel bearing left	5 t
JS E010.013	Swivel bearing for CD module	5 t
JS E010.014	Special swivel bearing right	5 t
JS E010.015	Special swivel bearing left	5 t

**⚠ When the swivel bearings are being used, the permissible lifting and support load is reduced to 5 t per thread, regardless of the specifications on the various landing gear types. Only the specifications on the swivel bearing type plate applies.**

## Installation

The swivel bearing is secured on the vehicle and landing gear side with 6 x M16 screws apiece of strength class 8.8 and self-tapping nuts of strength class 8.

The length of the screws on the vehicle side must be chosen according to the conditions on the vehicle frame.

The screws must be fitted from the inside outwards, i.e. the screw heads are located on both plates of the swivel bearing on the facing sides and the associated nuts on the corresponding add-on part (vehicle frame or landing gear).

The tightening torque is 190 + 10 Nm.

Order number JS E020.005 is used to order a fastening set comprising:

12 pcs	Shr Skt A	M16 x 35-8.8	ISO 4017
12 pcs	Mu Si Skt V	M16-8	ISO 7042

For landing gear sets, the landing gears must be fitted so that the connecting shaft runs through the centre of rotation.

## Maintenance

Do not spray the swivel bearing directly with the high-pressure or steam cleaner. If this does happen inadvertently, it is essential for grease to be reapplied.

For maintenance, grease the swivel bearing at least once a year using high-quality anti-friction bearing grease (lithium-saponified).

Maintenance should be conducted at least every six months or even more frequently under difficult conditions, e.g. continuous use under climatic conditions that are conducive to corrosion, or if the unit is not operated for a long period of time.

When greasing the swivel bearing, move it to and fro until a bead of grease that is as continuous as possible around the entire circumference emerges from the running gaps at the ends of the bearing. The spring bar must also be operated several times in order to guarantee that the grease is evenly distributed.

It is a precondition for successful lubrication that there has been no damage/deformation on the swivel bearing or landing gears in the intervening period.

The swivel bearings, landing gears and fastening elements must be checked for corrosion, cracks and deformations each time before starting a journey in order to ensure safe operation.