

# Instructions for wear checks of play equipment

The equipment must be checked for correct operation and safety, especially the points listed below:

Proof of maintenance

Playground .....

Date of installation .....

Checks depend on the type of equipment. Any equipment with moving parts must be checked at least twice a year, static equipment at least once a year.

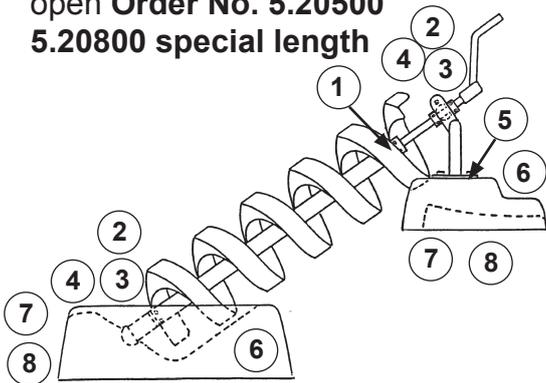
Intervals for maintenance work and checks generally depend on

- location
- kind of use
- frequency of use
- possible vandalism

For more details see also "General instructions for maintenance of playgrounds".

## Archimedes Screw

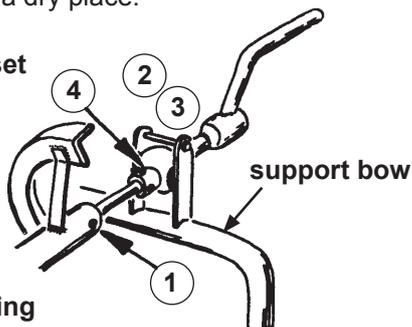
open Order No. 5.20500  
5.20800 special length



### Note

Prior to the start of the frost period, disconnect from the water mains. Thoroughly flush the screw beforehand to avoid deposition of dirt and/or stones which could result in corrosion. When disconnected from water supply, the equipment should not be left in publicly accessible areas. Therefore, the screw should be disassembled in the winter and stored at a dry place.

bottom set collar



top bearing

### Screw

1. Check the bearings of the screw. Their position on the shaft may have shifted. In this case loosen the bolts, reposition the screw and tighten the bolts.

### Bearing top and bottom

2. Check that bearings move smoothly: the polyamide and/or brass discs must not rotate with the shaft of the screw.
3. Check for wear and tear, replace if necessary.
4. Check that shaft and bearing at the bottom are tight. It must not be possible to pull them out of the bottom basin, otherwise the bottom set collar of the top bearing is not in its correct position; relocate shaft and bearing to correct position (clean beforehand).

### Support bow

5. Check that the bolts on the upper basin are tight and retighten if necessary.

### Water basin

6. Check for stability.
7. Check for vandalism (chipped concrete corners), if necessary smooth resulting sharp edges with angle grinder (for stone) or repair with rapid-hardening concrete or epoxy resin.
8. Check for build-up of moss; must be removed in the standing or walking areas (slipping danger).

Repair not carried out, it is still possible to play on equipment

Repair not carried out, equipment is taken out of action

All work carried out, everything is in order

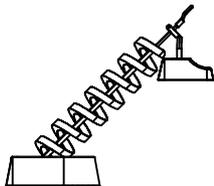
Maintenance carried out by:

For spare parts refer to back of page.

..... Date .....

Special notes, e.g. for repairs

**Spare Parts**  
**Archimedes Screw**  
 open Order No. 5.20500  
 5.20800 (special length)



Please note that the safety standards of the equipment must not be affected. Therefore, when carrying out repairs it is helpful to **only use original parts.**

**Order No. Spare part**

0.50100 bearing, top



0.50101 brass bush for bearing, top



0.50160 bearing, bottom

