

USER MANUAL FOR LIFTING EQUIPMENT

In the Labor Inspection Authorities (LIA) regulation nr.555 "Use of work equipment", it is decided that personnel who are going to use lifting equipment have to undergo "necessary education and training in safe use and mastering the hazards that may occur." Personnel who are going to perform maintenance work acc.to this regulation must have special training and education in this.

Lifting equipment is subject to annual inspection and approval of further use, or more often if conditions require this. The equipment must be certified and approved acc.to LIA regulation nr.522. All lifting and lowering must be done in a careful manner, and sudden movements are to be avoided.

LIFTING CLAMP TYPE Z51

Check before use:

- The clamp is to be marked with CE, WLL, manufacturer and serial number.
- Make sure to inspect for cracks and/or deformities. If this is revealed, it may be a sign of previous overloading and/or abuse. In that case the clamp must be taken out of use immediately.
- Serious rust on the clamp may weaken its capacity or handling.
- If the clamp can only be opened with excessive force, it has to be checked by a competent person before use.
- Check for damages from welding or heat treatment.
- The jaws should be moving easily in and out without using excessive force.

Safe use:

- Never stand below a hanging load !!
- Before starting the lifting operation; open the clamp completely, and make sure the locking handle is activated, so that the jaws are kept apart.
- The object to be lifted must not be covered in oil or grease, or the clamp may not grip safely.
- The friction-factor between the object and clamp must not be less than 0,75 μ .
- Place the clamp over the object, deactivate the locking handle to make the jaws close on each side of the object.
- As the lifting starts and the lifting eye is pulled upwards, the jaws will tighten on the object.



Locking handle

Maintenance and after-use checking:

- After use, clamps should be inspected to reveal any damages or wear that may have occurred.
- If this is revealed, the clamp is to be marked with white paint and moved to a specific location, where it is decided if it may be repaired or destroyed.
- Clamps that are in order should be stored in an appropriate location. A dry storage is preferred to avoid rust