

USER MANUAL
STEEL CABLE GROMMET



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User manual steel cable grommet:



A steel cable grommet is a removable connecting means for lifting and attaching loads corresponding to the technical data and conditions of use.

A steel cable grommet must be visually inspected for any damages before use.

A steel cable grommet can have yarns which stick out and for this reason you must always wear safety gloves.

The steel cables of a grommet may not be broken or damaged.

Excessively damaged, corroded or worn grommets are not allowed to be used and need to be inspected by an expert body.

Do not use a grommet when the following total of ruptures occur;

- 10 ruptures over a length of 3x diameter steel cable
- 15 ruptures over a length of 6x diameter steel cable
- 40 ruptures over a length of 30x diameter steel cable

A grommet needs to be visually inspected every year by an expert body.

The concerning valid certificate of the steel cable grommet always needs to be immediately available.

Never use a grommet with another cable direction (cable lay left or right) than the other steel cable , -wire rope sling and/or grommet which already been used by a combination.

It is of essential interest that the mass of the load is known.

The point of connection must have a diameter of minimal 2x the rated cable diameter.

If the radius is smaller than 2x the diameter of the grommet than you should take the reduction of the WLL into account.

Where necessary (sharp edges, etc...) protection must be applied.

Kinks, etc. are not allowed in a grommet.

It is not allowed to weld on a grommet.

Never hook the grommet on the red marked part of the grommet.

Only use a grommet in a direct line, as a sling or a busked.

To lift the load without twists or tilting the point of connection needs to be vertical above the center of gravity.

Shortening or tensioning of grommets by so-called "clamping" is forbidden.

Grommets are not allowed to be knitted.

During use of a grommet you may never cause a knot in the cable. Hereby the strands construction can be disturbed.

An artificial line is recommended by putting down the load to avoid dangerous swinging of the load and to keep in position.

Never leave a loaded grommet unattended.



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Pull- or shock loads must be avoided.

It is not allowed to lift the loads with grommets above or in instant distance of people.

Keep hands and other body parts on distance of the cable to avoid injury when the slack cable is being pullet tight.

Always choose a grommet with a workload equal or bigger than the load to be lifted.

The on the grommet indicated WLL must never be exceeded.

When you put down the load you must be sure that the ground is suitable. It must be avoided that the grommet get stuck under the load.

Grommets are usable with temperatures from -40°C until +100°C without any form of reduction. Temperatures outside of this range needs to be consulted.

Do not use a grommet when the identification plate is not available or is unreadable.

By transport or the use of a grommet you must take great care that the outer wires are not being damaged.

After all work you must store the equipment on a safe place.