

Brief instructions Click Screw 1.0 & 2.0

Lifting anchor / loose load handler







These brief instructions only apply together with the click screw operating instructions.



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User requirements

 Warning!		
 	<p>Damage to the click screw, the load and the load bearing capacity is possible. Danger from falling parts.</p> <ul style="list-style-type: none">➤ Read and follow instructions.➤ For use only by qualified and trained personnel.➤ Maximum load up to the specified load capacity.➤ Exclusively for use on a hoist with a load capacity equal to or greater than the load capacity of the click screw.➤ Do not stand under suspended loads.➤ The operator must check the functions of the click screw when starting work.➤ Check after each use whether the Click Screw is in perfect condition.➤ When installing the attachment points on the click screw, ensure that they are fastened correctly and securely.➤ Turn the click screw at the diagonal stop after the "click" always by hand in the mounting thread until the base body rests on the load.➤ To avoid accidents, the safety instructions & danger areas must be observed!➤ The national regulations of the country in which the click screw is used must be observed.	  

Field of application of the Click Screw

- Only approved for lifting loads that have suitable and appropriate holding threads in the load. The thread in the load must be capable of safely and permanently transferring to the load the force acting on the load.
- The split thread of the click screw must be able to be freely inserted into the thread of the load and it must be fully immersed in the thread of the load.
- The thread must be clean, free of chips, paint, etc.
- The base body of the click screw must rest on the load. There must be no disturbing contours of the load on the click screw.
- The click screw is not intended for the transportation of people! It is forbidden to lift people!
- Max. load according to the load capacity on the click screw. The transverse forces are calculated and released with the "folded" bracket / the center of a standard eye bolt in the load direction and are briefly described in the respective operating instructions.
- Use not below -10 ° C and not above + 60 ° C
- Humidity 20% to 90% rel. moist, non-condensing.
- The click screw is designed for 20,000 load changes and must then be checked by a specialist.
- No contact with aggressive substances and chemicals.
- The use of the click screw in the Ex area (potentially explosive area) or in an explosive atmosphere is prohibited!
- No use with toxic substances and liquids that are set out in §§ 9/10 of the Hazardous Substances Ordinance.
- The use of the click screw is only permitted in the intended manner, any other use is an abuse.

Installation of the Click Screw with the Attachment Point

 Warning!		
 	<p>Body parts can be crushed. Danger from falling masses: If the click screw is installed incorrectly at the attachment point,</p> <ul style="list-style-type: none">➤ the load can fall.➤ When installing the attachment points on the click screw, ensure that they are fastened correctly and securely.➤ The specifications for secure fastening must be strictly observed.➤ Installation must be done exclusively by trained and instructed personnel.	 

- Check whether the crane, the chain and the crane hook are in perfect condition.
- Check whether the load handler (chain, crossbar, etc.) on the crane is in perfect condition.
- Check whether the attachment point on the click screw is in perfect condition.
- Check whether the click screw itself is in perfect condition.
- Check whether the lifting point or the load handler is correctly attached to the click screw.
- Check that the safety catch on the crane hook is securely closed.

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Lifting the load

1. Guide the load handler to the load and bring it into the correct position.
2. Pull the click screw actuation all the way up.
3. Insert the thread of the click screw into the holding thread of the load.
4. The split thread of the click screw must be fully immersed in the holding thread of the load. The base body of the click screw must rest on the load.
5. Slide the click screw actuation all the way down.
6. If the actuation locks correctly, the click can be felt / heard.
7. If the actuation does not engage / "click", remove the click screw from the holding thread and turn the click screw on its longitudinal axis by 180 ° and start at point 3.
8. If the actuation is locked correctly, the red marking will not be visible.
9. Turn the click screw at the diagonal stop after the "click" always by hand in the mounting thread until the base body rests on the load.
10. Remove your hands from the click screw. The click screw must not be "guided".
11. Slowly lift the load with the crane.
12. Check whether the load is held correctly and hangs almost vertically.

Dropping the Load

1. Use the crane to move the load handler into the correct position with the load.
2. Lower the load handler with the crane until the load rests securely in the right place.
3. Loosen the click screw from the load holding threads.
4. Turn the click screw actuation until the base body is no longer on the load and then pull the click screw actuation all the way up.
5. Pull the thread of the click screw completely out of the thread of the load.
6. Guide the load handler back with the crane.

Checking the Click Screw

A user check is carried out with every application:

- Check that the click screw is in perfect condition.
- Inform the specialist department of any noticeable change and / or damage.
- Then do not use the click screw anymore.

Maintenance of the Click Screw

- The click screw is maintenance-free. Regular maintenance is not necessary.
- If necessary, the click screw should be cleaned with a cloth. No caustic, metal-attacking cleaning agents and no water may be used for cleaning.
- If necessary, the split screw thread can be lightly oiled with a non-resinous spray oil. Wipe off excess oil with a soft cloth.

Technical Data

Click Screw 1.0 / CS1.0							
Name / Model	M8	M10	M12	M16	M20	M24	M30
Load capacity (0° vertical):	140 kg	230 kg	340 kg	700 kg	1200 kg	1800 kg	3200 kg
Load capacity (30° inclined pull):	40 kg	65 kg	115 kg	215 kg	340 kg	450 kg	755 kg
Load capacity (45° inclined pull):	30 kg	50 kg	90 kg	165 kg	260 kg	345 kg	580 kg
Load capacity (90° inclined pull):	25 kg	40 kg	70 kg	130 kg	210 kg	275 kg	460 kg
Thread	M8x1,25	M10x1,5	M12x1,75	M16x2,0	M20x2,5	M24x3,0	M30x3,5
Discard date	7,8	9,8	11,8	15,7	19,7	23,7	29,7mm
Test load (2 x load capacity):	280 kg	460 kg	680 kg	1400 kg	2400 kg	3600 kg	6400 kg

Click Screw 2.0 / CS2.0								
Name / Model	M6	M8	M10	M12	M16	M20	M24	M30
Load capacity (0° vertical):	50 kg	140 kg	230 kg	340 kg	700 kg	1200 kg	1800 kg	3200 kg
Load capacity (90° inclined pull):	50 kg	140 kg	230 kg	340 kg	700 kg	1200 kg	1800 kg	3200 kg
Thread	M6x1,0	M8x1,25	M10x1,5	M12x1,75	M16x2,0	M20x2,5	M24x3,0	M30x3,5
Discard date	4,85	7,8	9,8	11,8	15,7	19,7	23,7	29,7mm
Test load (2 x load capacity):	100 kg	280 kg	460 kg	680 kg	1400 kg	2400 kg	3600 kg	6400 kg