

# ULTRA CLAMP black

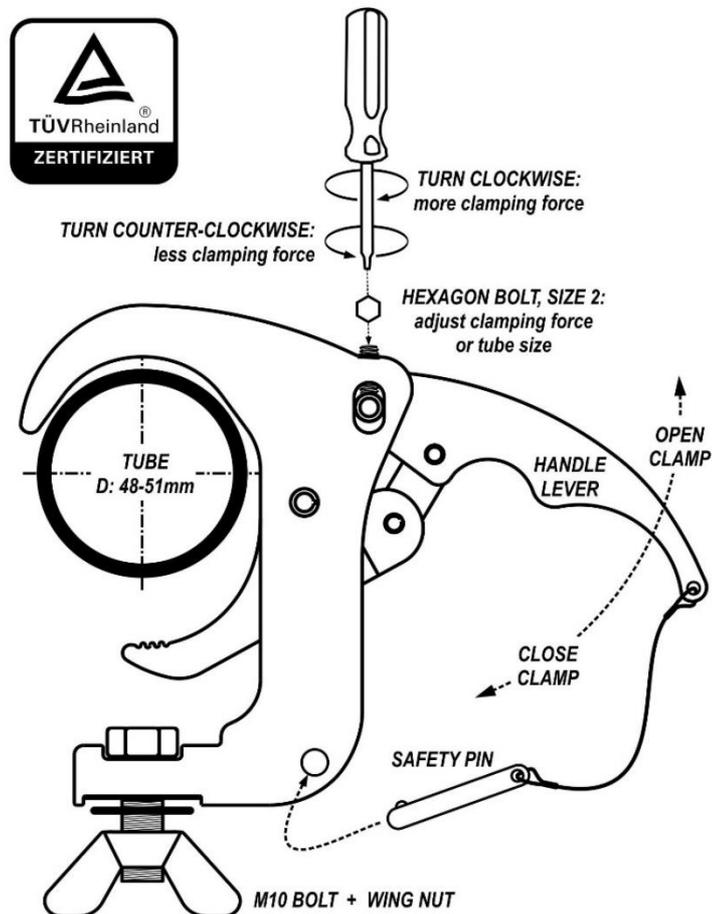
## GENERAL DESCRIPTION

- This brand-new clamp is equipped with the ultrafast “CLICK-ON” installation system.
- More than 10x faster installation time compared to clamps with standard fixing mechanism!
- Thanks to the enormous time saved during assembly and disassembly, this clamp is the choice for every rental company!
- Perfect for aluminum truss (no damage)
- Including M10 bolt and wing nut to attach any adapted bracket.
- Factory setting for use on standard ALU-TRUSS with 51mm tubes like our BT-TRUSS & Prolyte® X30d
- Can be adjusted for use on ALU-tubes 48mm to 51mm
- Black color.
- TÜV tested !
- Maximum load: 150kg
- Width: 30mm

## SPECIFICATIONS:

Material: Al 6061-T6  
Tube Diameters:  $\varnothing 48$ —51 mm  
Max. Safe working load : 150kg  
Width: 30mm  
Unit weight: 0.35 kg

## STRUCTURE DIAGRAM :



## ADJUSTING THE CLAMP

The clamp can be easily adjusted to your needs for both tube diameter and clamping force. Put the clamp on the tube and close the lever. If the lever can be closed too easily or you think that the clamping force is too small: you can adjust it very easily.

To adjust the clamp you need a tool that fits the hexagonal bolt "size 2". Please check the drawing to get a clear idea of the procedure:

- a) When the clamp is fixed on the tube: open the handle again
- b) Insert the tool in one of the 2 adjustment screws on top of the clamp:
  - Turn clockwise to increase the clamping force (or adapt the clamp to a smaller tube)
  - Turn counter-clockwise to reduce the clamping force (or adapt the clamp to a bigger tube)
- c) Now adjust the other adjustment screw
- d) Open/close the handle and repeat steps (b)+(c) until you get the required clamping force.

Ready!

### Notes:

*Normally this is a one-time procedure, however some small extra adjustments maybe needed later. Normally people always use the same trusses for all jobs. For those using different types of ALU truss, with different tube diameter, we advise to prepare 2 sets of clamps and mark for which truss they will be used.*

## INSTALLATION:

1. Open the packing.
2. Turn the wingnut (or non-slip nut) counter-clockwise to remove it from the M10 bolt of the clamp.
3. Fix the bracket of the projector (or other object) to the M10 bolt.
4. Re-install the wingnut (or non-slip nut) and turn it clockwise to fasten it firmly.
5. Pull the handle to open the clamp
6. Hang the clamp at the right position over the truss tube.
7. Close the handle again to fix the clamp firmly on the tube.
8. Insert the safety pin in the hole to avoid that the handle opens accidentally.

## GENERAL INSTRUCTIONS FOR OVERHEAD RIGGING

**Important:** The installation must be carried out by qualified service personal only. Improper installation can result in serious injuries and/or damage to property. Overhead rigging requires extensive experience! Working load limits should be respected, certified installation materials should be used, the installed device should be inspected regularly for safety.

- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- Devices should be installed out of reach of people and outside areas where persons may walk by or be seated.
- Before rigging make sure that the installation area can hold a minimum point load of 10times the device's weight.
- Always use a certified safety cable that can hold 12times the weight of the device when installing a device. This secondary safety attachment should be installed in a way that no part of the installation can drop more than 20cm if the main attachment fails.
- The device should be well fixed; a free-swinging mounting is dangerous and may not be considered!
- The operator has to make sure that the safety-relating and machine-technical installations are approved by an expert before using them for the first time. The installations should be inspected every year by a skilled person to be sure that safety is still optimal.
- Don't install the product if you think that it safety issues could occur, instead contact us first.
- Do not allow children to play in the working area during assembly and adjustments.



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