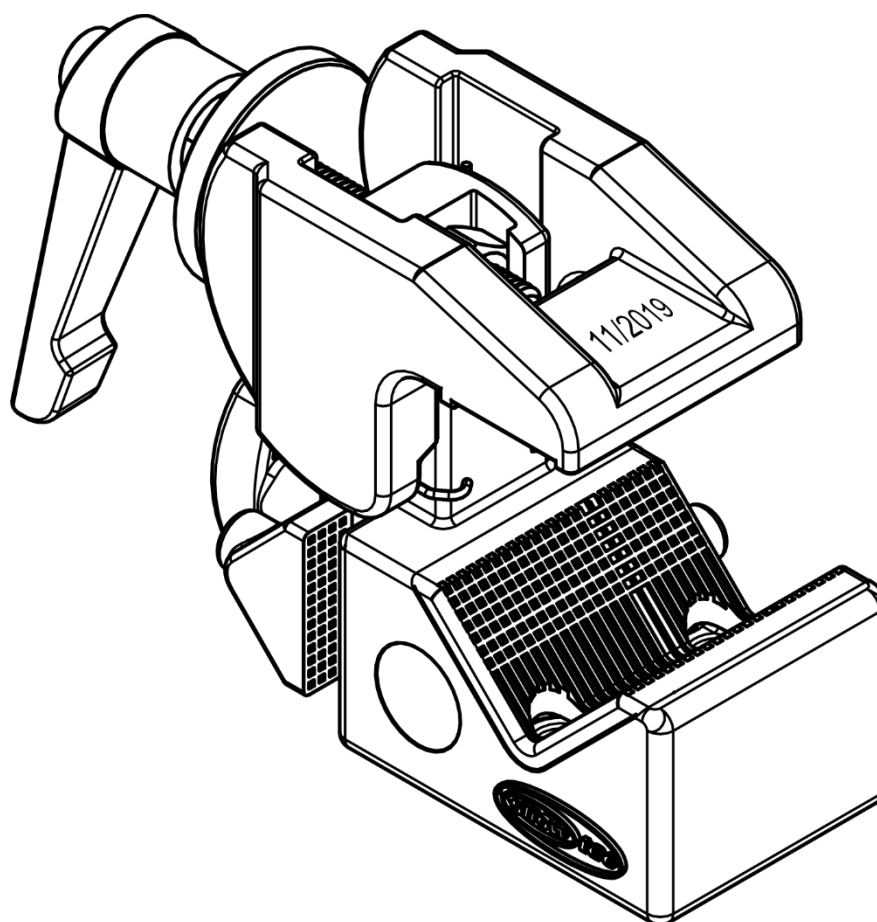




**MANUAL**



**ENGLISH**

**Multigrip Clamp**

**V1**

**Order code: 75132**

**Table of contents**

---

**Warning** .....2  
Safety Instructions .....2  
Operating Determinations .....3  
Rigging .....3  
Return Procedure .....4  
Claims.....4

**Description of the device**.....5  
Overview .....5  
Front .....5  
Bottom.....6

**Installation**.....6

**Setup and Operation** .....6  
Inspection Before First Use .....6  
Installing the Multigrip Clamp onto a Tube/Truss .....7  
Installing the Multigrip Clamp onto Flat Surfaces .....8  
Installing the Multigrip Clamp with the Spigots .....9  
Connecting Multiple Multigrip Clamps.....10

**Maintenance** .....11  
Inspection & Maintenance Intervals .....11  
Regular Inspections .....11

**Product Specifications**.....12

**Notes**.....13

## Warning



**For your own safety, please read this user manual carefully  
before your initial start-up!**

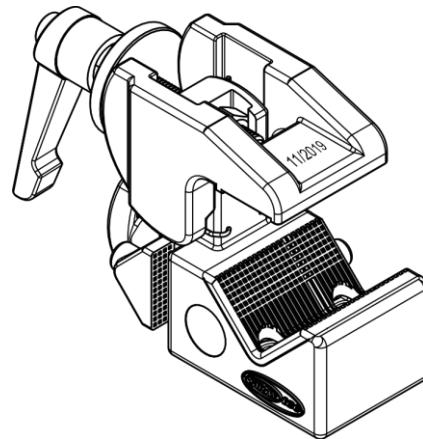


## Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

## Your shipment includes:

- Showtec Multigrip Clamp
- User manual



## Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual

Before use, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

## IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never remove warning or informative labels from the unit.
- Never use or continue to work with a damaged or defective clamp.
- Carefully inspect the clamp before use.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Do not exceed the loading capacity of 25 kg.
- Do not open the device. It does not contain user-serviceable parts.
- Always pay attention to local regulations, with respect to occupational health, safety and general rules for safe working.
- Always check the national standards and regulations of the country where the clamp is used.

- All clamps should be visually inspected before use. In the event of any damage, the clamp should be taken out of service and returned to an approved Showtec dealer for inspection.
- Avoid contact with water or other liquids.
- Only operate the device after having familiarized with its functions.
- Only move a load, after having made sure that the load is safely and correctly attached and that there are no persons within the immediate vicinity of the hoist and/or the load.
- Only use the clamp with tubes of the recommended gauge (10–55 mm).
- Avoid flames and do not put close to flammable liquids or gases.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- If device was dropped or struck, discontinue the use of the device. Have a qualified engineer inspect for safety before operating.
- If your Showtec device fails to work properly, discontinue the use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- It is not recommended to use clamps which do not fully encompass the tube for overhanging.
- For adult use only. The device must be installed beyond the reach of children.
- For semi-permanent installation applications, check integrity of welds, joints and clamp's tightness weekly.
- The user is responsible for correct positioning and operating of the clamp. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- Applications that are not described in this manual, are not allowed.
- Installation, repairs and servicing must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.

### Operating Determinations

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- If this device is operated in any other way than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to serious damage and/or severe injuries.

*You endanger your own safety and the safety of others!*

### Not permitted use

Please note, that when an application is not included in this list, it does not mean that the use of the Multigrip Clamp is allowed. When in doubt, consult your Showtec dealer.

List of applications which the Multigrip Clamp is not allowed to be used for:

- Transport of people
- "Pulling loose" of jammed loads
- Welding on the clamp
- Hoisting or transporting of loads, if there is anybody within the range of the load
- Staying under a suspended load
- Prolonging of (unattended) loads in a raised position
- Using the clamp in a potentially explosive atmosphere

### Rigging

*Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.*

*Do not attempt the installation yourself!*

*Always have the inspections carried out by an authorized dealer!*



### **Return Procedure**

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail [aftersales@highlite.com](mailto:aftersales@highlite.com) and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

**Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:**

- 01) Your name
- 02) Your address
- 03) Your phone number
- 04) A brief description of the symptoms

### **Claims**

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to report and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless agreed otherwise in writing.

Complaints against us must be prepared in writing or sent by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement from which the obligation is resulting.

## Description of the device

### Features

The Multigrip Clamp is a perfect solution for photographic applications. It offers various rigging possibilities. It is also possible to connect 2 Multigrip Clamps to create a swivel.

- Maximum load capacity (SWL): 25 kg
- Tube diameter: 10–55 mm
- Material: Aluminum, stainless steel
- Fixing: 2 x M4 thread, 1 x M6 thread, 1 x 16-mm (5/8") hexagon socket
- Color: Black
- Dimensions: 135 x 57 x 95 mm (LxWxH)
- Weight : 0,44 kg

### Optional accessories

[75133](#) – Spigot for Multigrip Clamp (M10 x 25 mm)

[75134](#) – Spigot for Multigrip Clamp (3/8"–16)

### Overview

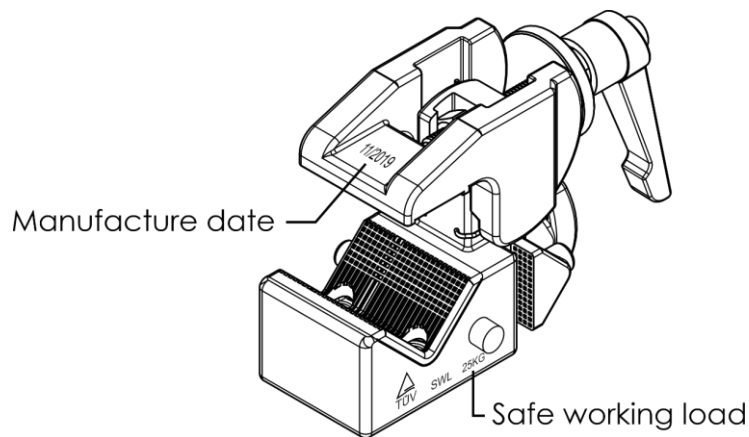


Fig. 01

### Front

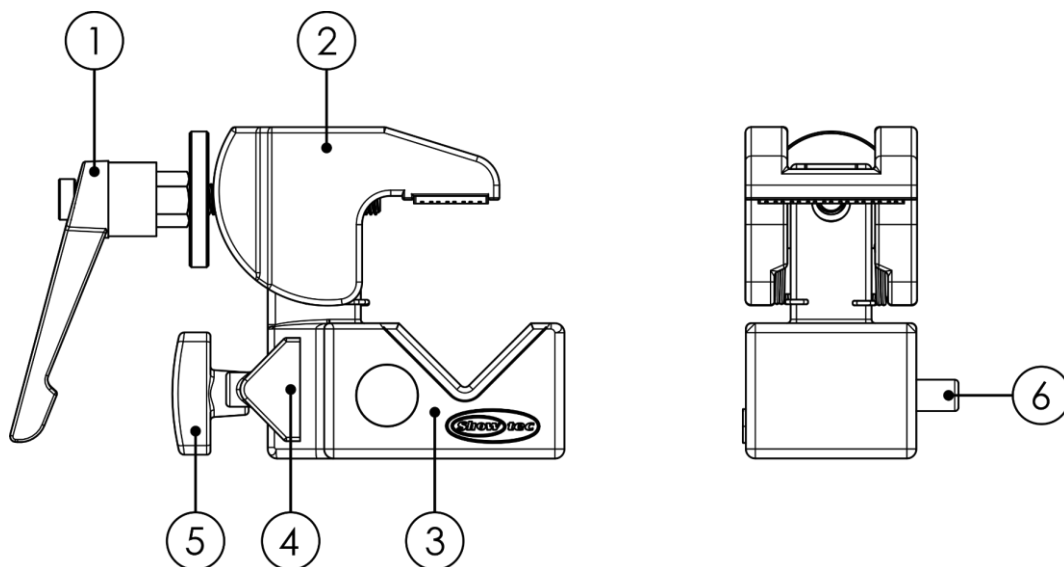


Fig. 02

- 01) Mounting screw
- 02) Top
- 03) Base

- 04) Wedge for flat surfaces
- 05) Spigot mounting screw
- 06) Safety pin

## Bottom

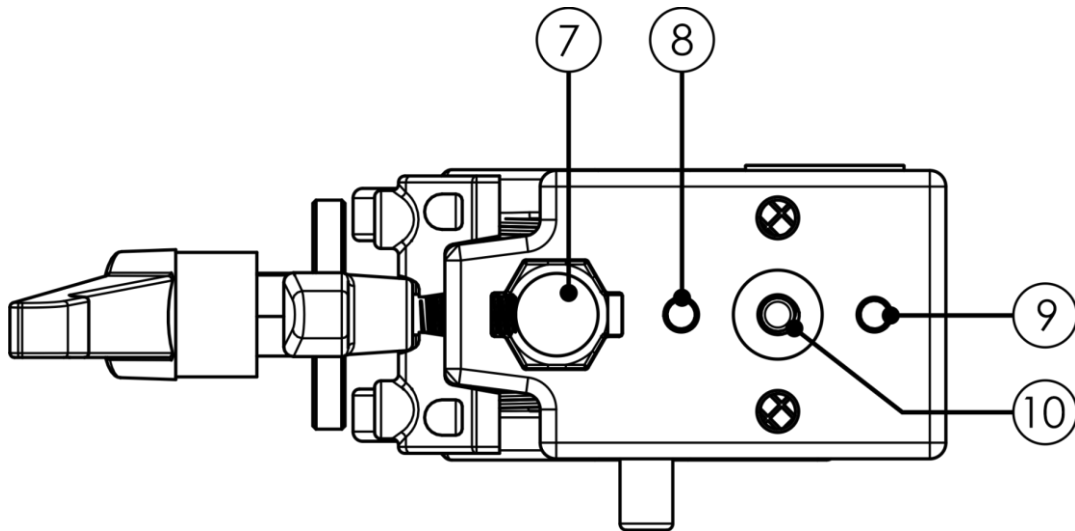


Fig. 03

- 07) 16-mm (5/8") hexagon socket
- 08) M4 thread
- 09) M4 thread
- 10) M6 thread

## Installation

Remove all packing materials from the Multigrip Clamp. Check if all foam and plastic padding is removed. **Damages caused by non-observance are not subject to warranty.**

## Setup and Operation

Follow the directions below, as they pertain to your preferred operation mode.

### Inspection Before First Use

Before the first use of the Multigrip Clamp, it needs to be inspected by a competent person, in order to rule out any damage sustained during transport or storage. This should happen at least once a year.

When installing the Multigrip Clamp, the user must make sure that the Multigrip Clamp is operated in a safe way. The strength and suitability of the suspension point should be checked in advance.



**CAUTION**  
**Before installation, operators must be instructed and must fully understand the safe use of the equipment.**



Before each use, the Multigrip Clamp has to be inspected on the following points:

- Overall operation of the Multigrip Clamp itself
- Mounting of the Multigrip Clamp onto the structure
- The presence of visual traces of defects



**CAUTION**  
**This product is not intended to be used as fall protection!**





**CAUTION**  
The maximum load capacity for the Multigrip Clamp is 25 kg.  
Do not exceed this rating.



**CAUTION**  
Do not use the Multigrip Clamp to lift people or to lift loads above people!



**CAUTION**  
Tighten all screws manually!  
Do not use any tools, in order to avoid the risk of over-tightening!



**CAUTION**  
Do not use the Multigrip Clamp if it DOES NOT entirely encompass the mounting surface it is installed on!



## Installing the Multigrip Clamp onto a Tube/Truss

- 01) Turn the mounting screw (01) counterclockwise, to loosen the jaw of the Multigrip Clamp.
- 02) Mount the clamp onto a tube/truss.
- 03) Make sure that the tube does not exceed the recommended tube size: 10–55 mm.
- 04) Make sure that the Multigrip Clamp entirely encompasses the tube.
- 05) Turn the mounting screw (01) clockwise, to tighten the clamp and fit it firmly to the tube/truss.

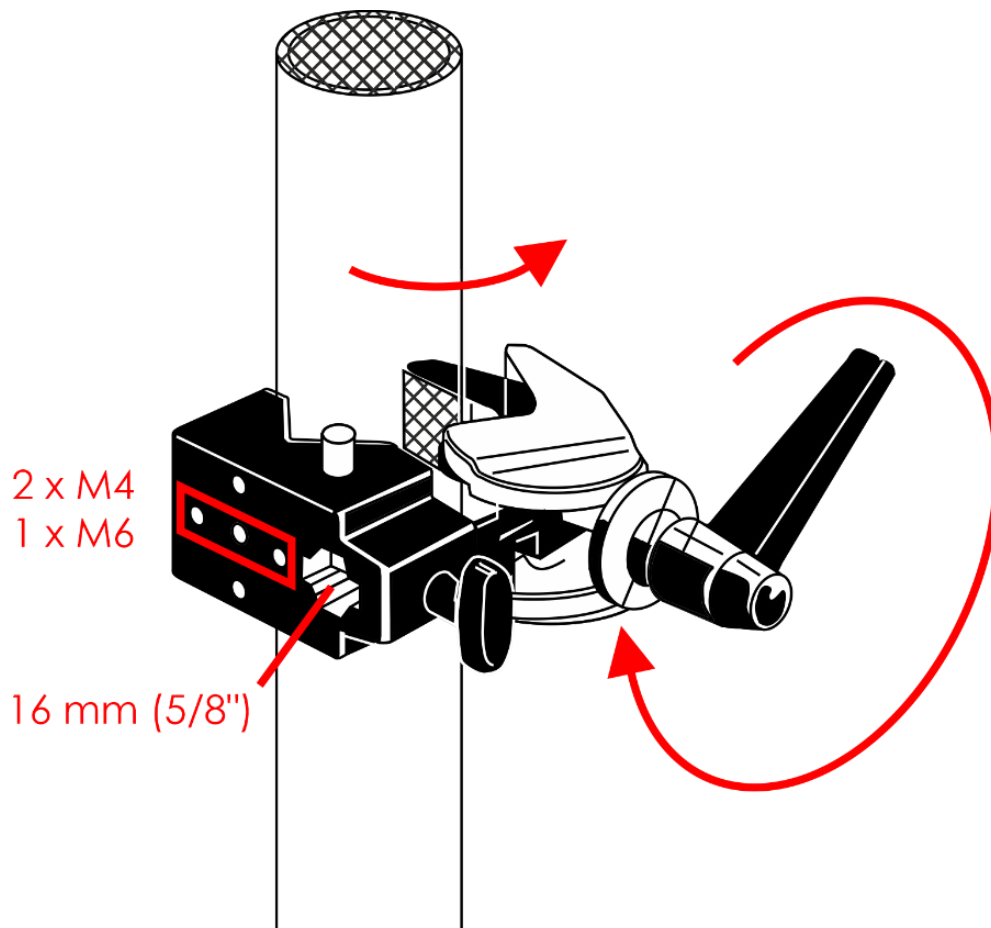


Fig. 04

- 06) Install load(s) onto the Multigrip Clamp by means of the appropriate mounting points (M4, M6 or 16-mm (5/8") hexagon socket). Make sure that the maximum SWL of the Multigrip Clamp (25 kg), as well as of any other component, is not exceeded.



### Installing the Multigrip Clamp onto Flat Surfaces

It is possible to install the Multigrip Clamp onto flat surfaces by means of the included wedge (04).

- 01) Turn the spigot mounting screw (05) counterclockwise until you remove it.
- 02) Remove the wedge (04) located under the spigot mounting screw (05).
- 03) Insert the wedge (04) into the mounting holes on the Multigrip Clamp.

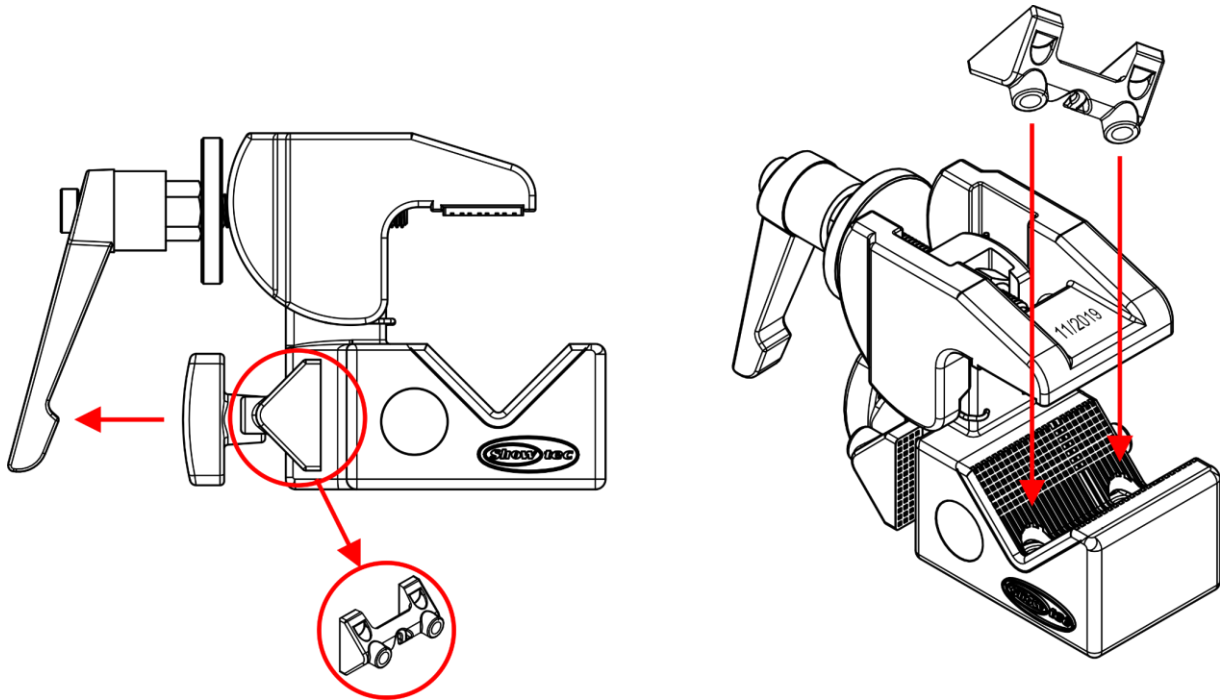


Fig. 05

- 04) Turn the mounting screw (01) counterclockwise, to loosen the jaw of the Multigrip Clamp.
- 05) Mount the clamp onto a flat surface.
- 06) Make sure that the surface does not exceed the recommended size: 10–55 mm.
- 07) Turn the mounting screw (01) clockwise, to tighten the clamp and fit it firmly to the surface.

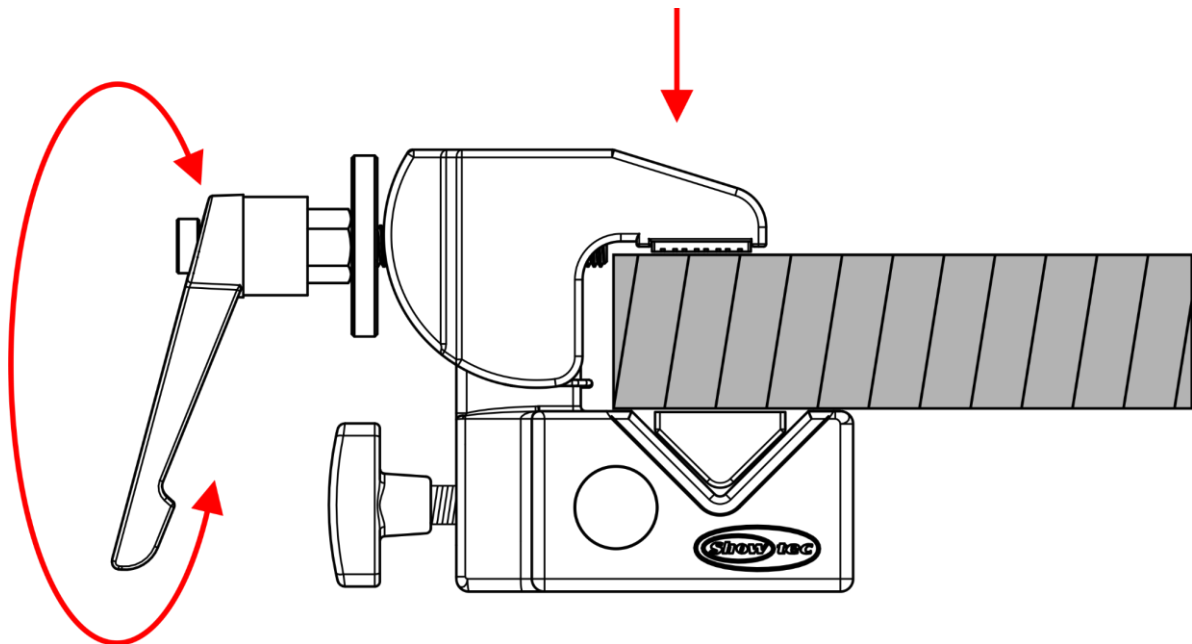


Fig. 06

### Installing the Multigrip Clamp with the Spigots

It is possible to install loads by means of the optional spigots: 75133 – Spigot for Multigrip Clamp (M10 x 25 mm) or 75134 – Spigot for Multigrip Clamp (3/8"–16).

- 01) Turn the spigot mounting screw **(05)** counterclockwise, to loosen it. **Otherwise, it might not be possible to fully insert the spigot.**
- 02) Press and hold down the safety pin **(06)** and insert the spigot into the hexagon socket **(07)**.
- 03) Release the safety pin **(06)**, to fit the spigot in position.
- 04) Turn the spigot mounting screw **(05)** clockwise, to stabilize the spigot in the socket.

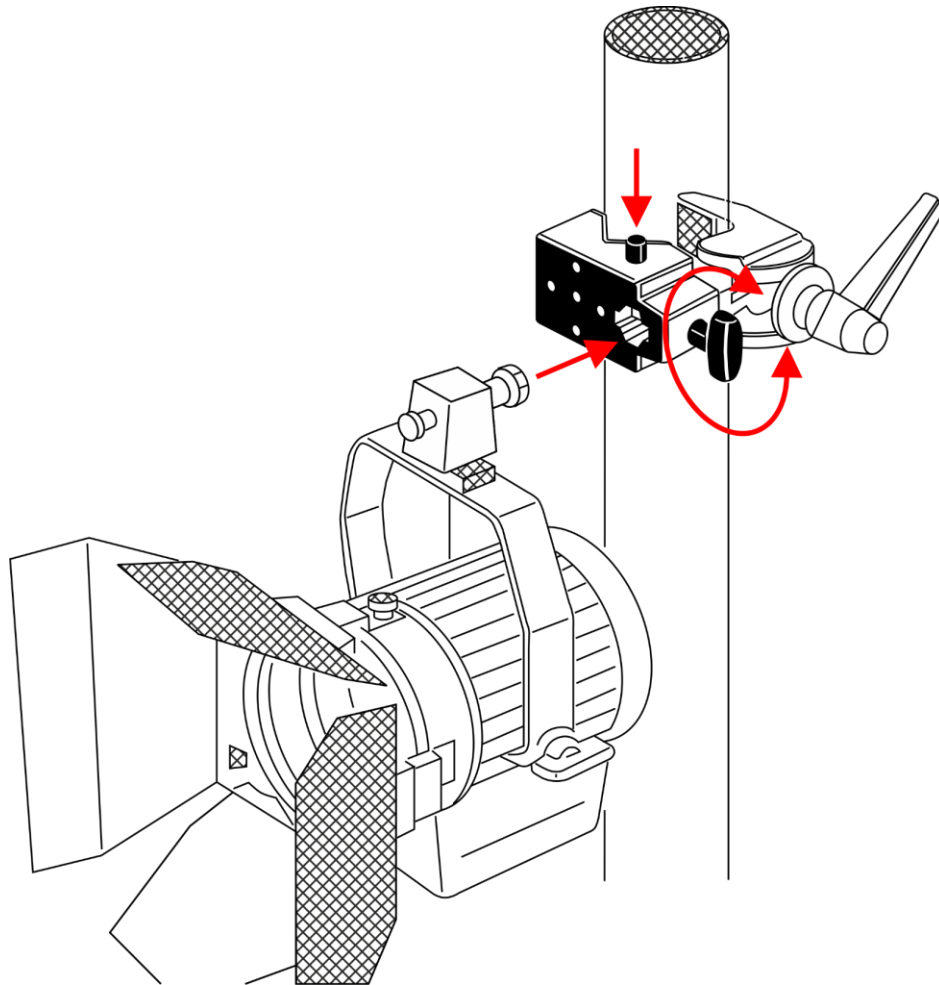


Fig. 07

### Connecting Multiple Multigrip Clamps

It is possible to connect multiple Multigrip Clamps, by means of the 75134 – Spigot for Multigrip Clamp (3/8"–16), in order to create a swivel.

- 01) On both Multigrip Clamps, turn the the spigot mounting screws **(05)** counterclockwise, to loosen them. **Otherwise, it might not be possible to fully insert the spigot.**
- 02) Take one of the 2 Multigrip Clamps and press and hold down its safety pin **(06)**. Insert the spigot into the hexagon socket **(07)**.
- 03) Release the safety pin **(06)**, to fit the spigot in position.
- 04) Turn the spigot mounting screw **(05)** clockwise, to stabilize the spigot in the socket.
- 05) Now, take the other Multigrip Clamp, press and hold down its safety pin **(06)** and attach its hexagon socket **(07)** to the previously mounted spigot.
- 06) Release the safety pin **(06)**, to fit the Multigrip Clamp to the spigot.
- 07) On the other Multigrip Clamp, turn the spigot mounting screw **(05)** clockwise, to stabilize the clamp on the spigot.
- 08) Now it is possible to set 2 Multigrip Clamps to the desired position/angle.



**75134** – Spigot for Multigrip Clamp (3/8"–16)

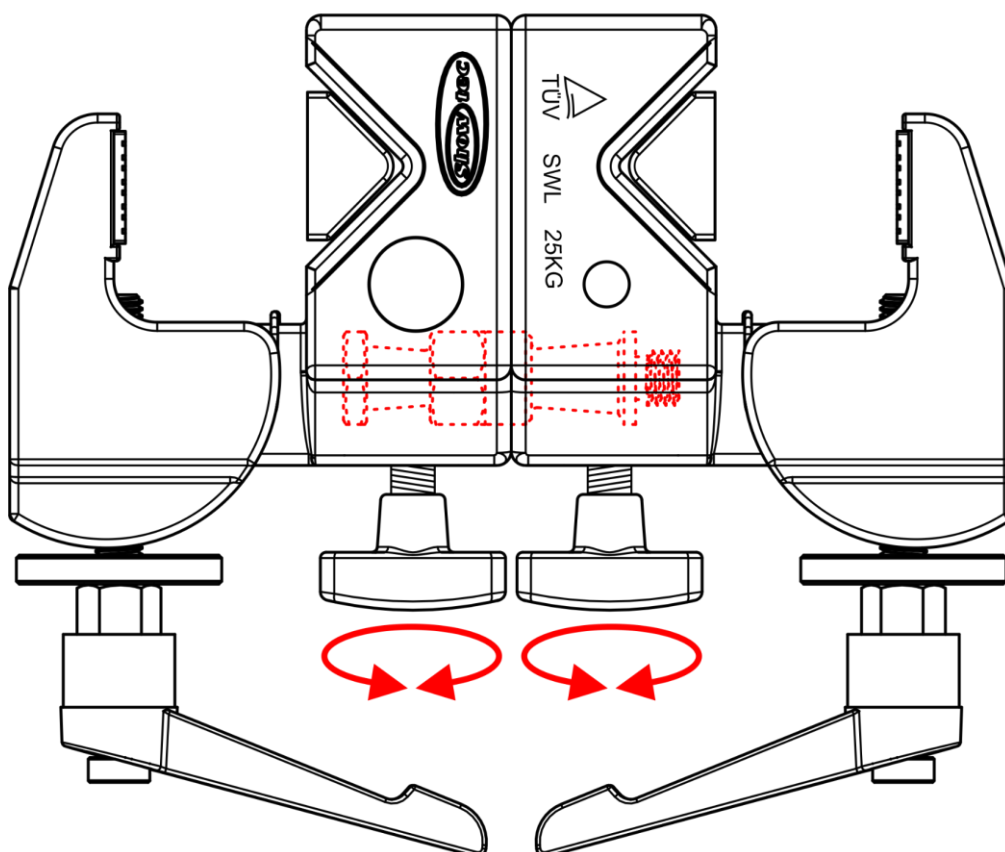


Fig. 08

## Maintenance

The operator has to make sure that safety-related and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.

The operator has to make sure that safety-related and machine-technical installations are to be inspected by a skilled person once a year **and more frequently if used intensively**.

The following points have to be considered during the inspection:

- 01) All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
- 02) There may not be any deformations on housings, fixations and installation spots.
- 03) Mechanically moving parts like axles, eyes and others may not show any traces of wearing.

The Multigrip Clamp requires almost no maintenance. However, you should keep the clamp clean. Wipe with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

- All inspections and any actions taken, must be documented in writing.
- After using the clamp, any dirt needs to be removed.
- Always store the clamp in a dry environment, to prevent corrosion.
- Repairs may only be carried out by experts that are authorized in writing by Highlite International.
- In case that repairs or modifications are carried out by unauthorized personnel, the warranty and product liability will become void. Only use original parts for repairs.

## Inspection & Maintenance Intervals

The following inspection and maintenance intervals apply for normal use. In case of use in harsh environment, such as regular deployment at full load or use in a hot / dusty or otherwise aggressive environment, the indicated intervals should be shortened.

	When commissioning	Daily inspection	1 <sup>st</sup> maintenance after 3 months	Inspection / maintenance annually
Check screw / bolt connections	X	X	X	X
Check spindle mechanism for proper functioning	X	X	X	X
Check for any deformations	X	X	X	X
Check and lubricate spindle mechanism				X
Regular inspection by an expert				X

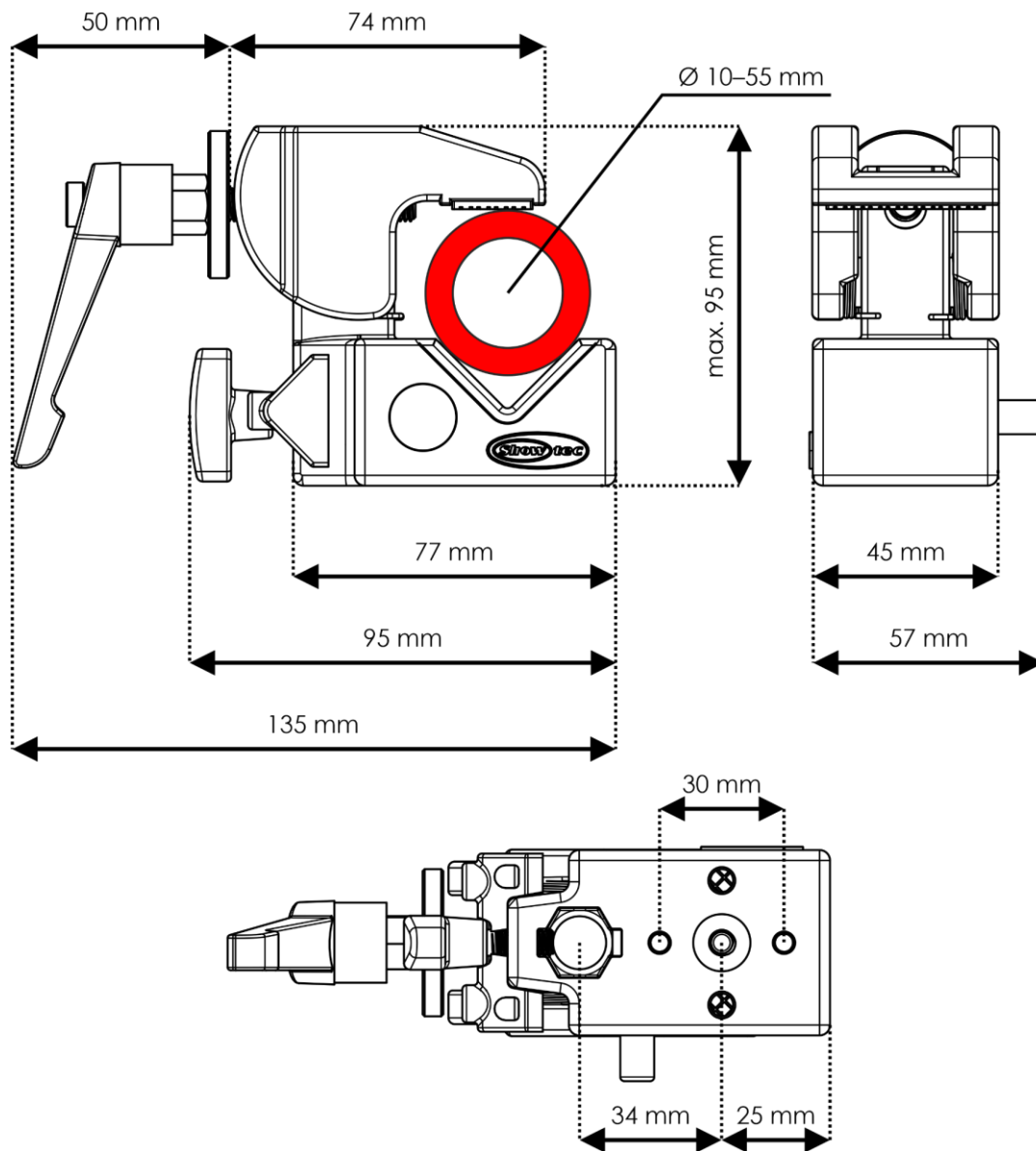
## Regular Inspections

Regardless of national rules in the country of use, the Multigrip Clamp has to be inspected by an expert, at least once a year.

- In case of heavy/frequent usage, the inspection and maintenance intervals need to be more regular.
- Check the Multigrip Clamp carefully, to make sure that there are no unusual noises that could indicate faults or excessive wear.
- Make sure all bolts and nuts are tight and check presence and legibility of the type plate.

## Product Specifications

Model:	Showtec Multigrip Clamp
Tube diameter:	10–55 mm
Material:	Aluminum, stainless steel
Color:	Black
Dimensions:	135 x 57 x 95 mm (LxWxH)
Weight :	0,44 kg
<b>Operation:</b>	
Maximum load capacity (SWL):	25 kg
Fixing:	2 x M4 thread, 1 x M6 thread, 1 x 16-mm (5/8") hexagon socket



Design and product specifications are subject to change without prior notice.



Website: [www.Showtec.info](http://www.Showtec.info)  
 Email: [service@highlite.com](mailto:service@highlite.com)







©2020 Showtec