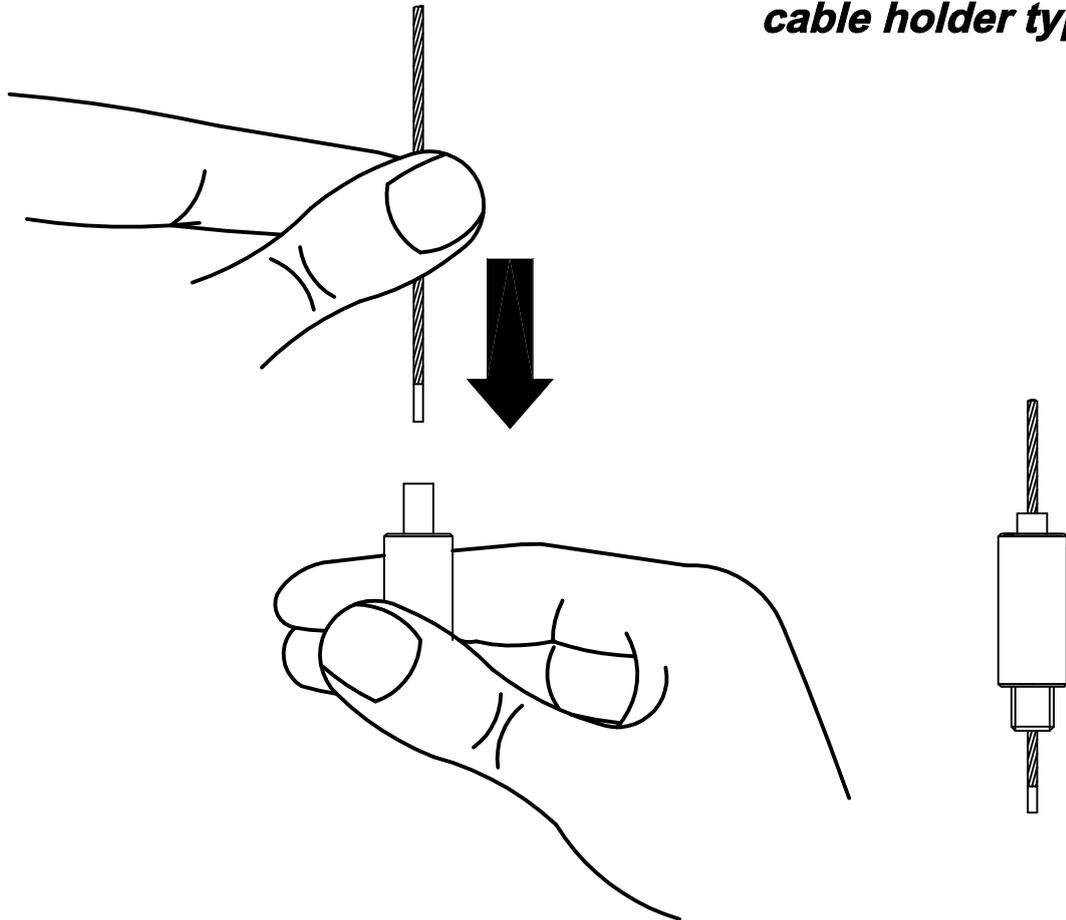


## ***cable holder type 12***

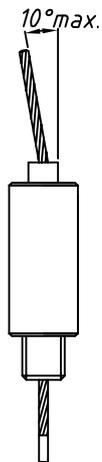


### **Glossary**

*You can find the following terms and abbreviations in the manual.*

<b><i>kg</i></b>	<b>=</b>	<b><i>kilogramme</i></b>
<b><i>mm</i></b>	<b>=</b>	<b><i>millimeter</i></b>
<b><i>plunger</i></b>	<b>=</b>	<b><i>pipe sticking out of the cable holder; cable will thread into it</i></b>

*further examples can be downloaded at [www.reutlinger.de](http://www.reutlinger.de)*



***Cable exit angle may not exceed 10° (see illustration).***

## **Instruction Sheet Cable Holder Type 12**

**Issued: 01.07.06**



The REUTLINGER Cable Holder Type 12 suspends static loads of up to 15 kg on steel cables (wire rope).

A connection to the ceiling capable of handling a breaking-load of 75 kg (dowel; hook; etc.; responsibility of user!) is a necessary pre-condition. This connection to the ceiling must be installed by a trained specialist.

The connection between cable-holder and cable is always accomplished in the same way: one end of the cable is inserted into the holder by lightly pressing it into the spring-loaded plunger (see illustration on reverse page).

Now the holder can be randomly affixed along the length of the cable. As soon as a load is attached, it clamps onto the cable.

Be sure to insert the cable into the holder at least far enough to be able to clearly see it protrude from the other end of the holder.

After affixing the holder in the desired position, screw down the safety-nut by hand (do not use tools!) as far as possible.

Now the full load can be attached to the holder – it can no longer move in any direction.

To affix the holder to another position on the cable, simply reverse the procedure: completely unscrew the safety-nut, take the suspended load off the holder, press down the spring-loaded plunger with your fingernail. Now the holder can again be moved up and down the cable.

### **Remarks and Advice:**

- REUTLINGER cable holders are not suitable for outdoor use.
- cables (wire-ropes) may not be damaged in any way.
- the holders´ spring-loaded plunger must have noticeable spring resistance.
- to assure full loadability the cables must be free of fats, oils and rust.
- the cable-end inserted into the holder must be sealed (tinning; heat-shrinkable sleeve)
- always use at least two holders for any suspended object to prevent spinning.

The designated use of cable-holders is for static, resting loads only. They are not suitable for moving, dynamic loads. To assure the highest possible safety, REUTLINGER recommends the use of at least two holders per object, as well as making sure that it cannot move.

The REUTLINGER cable holder type 12 is suitable for steel cables of  $\varnothing 1.0\text{mm}$  (10kg) and  $\varnothing 1.2\text{mm}$  (15kg).

The use of the following cables is permissible for type 12 cable-holders:

- galvanised steel wire rope 7x7, similar to DIN EN 12385-4; rated tensile strength = 2300 N/mm<sup>2</sup>
- stainless steel wire rope 7x7, similar to DIN EN 12385-4; rated tensile strength = 1570 N/mm<sup>2</sup>

When using cables with lower rated tensile strength the above-mentioned figures must be reduced accordingly. Cable-holders are not suited for use on plastic-coated cables.

### **General advisory remarks and precautions:**

- **no suspension of persons**
- **secure against dangerous motion in case of even partial failure**
- **always establish tensile strength of cable before deciding on load**
- **always use at least two points of suspension for each suspended object**

**IMPORTANT!: Please keep this instruction sheet in a generally accessible place for future reference!**