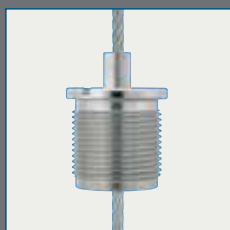


# Standard

## Type 15 | 18 | 20

- Luminaire
- Museum
- Interior fittings



REUTLINGER<sup>®</sup>  
systematic suspension

## The only TÜV-certified holders



The TÜV-certificate –  
a safety guarantee from REUTLINGER



### TÜV-certification

All REUTLINGER holders type 15,  
18 and 20 have been certified

#### Holder Type 15

Certificate-No.  
Z1A 0604 14229 021

#### Holder Type 18 & 20

Certificate-No.  
Z1A 0604 14229 026

### The only TÜV-certified holders

The German TÜV is internationally renowned as a rigorous testing institution and is highly trusted by producers and consumers – especially for technical products.

The highest and most comprehensive level of TÜV testing is GS-certification, denoting safe equipment and recognisable by the well-known blue sticker.

REUTLINGER is the world's only manufacturer of cable suspension systems that has succeeded in complying with the demands of GS-certification with every product line. Our promise: safety confirmed by the TÜV.



#### Cover picture:

#### suspended lamp ›Platos‹

by courtesy of Schmitz-Leuchten  
GmbH & Co. KG  
[www.schmitz-leuchten.de](http://www.schmitz-leuchten.de)



Product design with  
3D-CAD-systems



Fully automatic cable-production  
with testing

### Loadable & flexible

REUTLINGER holders are infinitely adjustable up and down the cable, without tools.

Unscrew safety-cap, suppress plunger, slide the holder, release the plunger and screw down the safety-cap – that's it.

## REUTLINGER · Specialists for cable attachments and suspension 04

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## REUTLINGER - Specialists for cable attachments and suspensions



### From a traditional workshop into a global high-tech company

„Technology should help us reach our goals. Therefore REUTLINGER constantly strives for logic and simplicity in all our products. Every detail must be functional and each function must make sense.“

Wolf Reutlinger, who has lead the company since 1987, continued this tradition of craftsmanship while initiating innovative processes which opened up new applications and markets.

### More than meets the eye

The use of REUTLINGER fastening attachments always results in permanent connections. This is the effect guaranteed by the self-locking mechanisms inside our holders. The elements devised specifically for this purpose are based on the following principle: the heavier the load – the greater the clamping force. For safe working loads (SWL) up to 400 kg.

By continually expanding the range of our products we were able to dominate the world market for suspended lighting fixtures within a few years. Today we are proud to count virtually all producers of high-quality lighting fixtures – as well as the automotive industry, sign- and shelf-manufacturers, galleries and museums – among our regular customers.

### Customer demands – a constant incentive to innovate

Highly qualified employees, the use of modern CAD systems and fully automated production facilities allow us to consistently turn out innovative products of unvarying high quality. We individually develop and manufacture our products in close cooperation with our customers. We put all our know-how at the disposal of our customers – from initial planning to detailed construction and manufacture right up to final installation.

### »Improve what is good, change what is ineffective«

Keeping an eye on quality and costs reflects this thinking – in all of our products. We pay special attention to the constant optimising of the following factors:

- increase loadability of the complete system
- reduce size to improve visual adaptability
- increase design variations
- reduce customers' installation time

**WILHELM REUTLINGER**  
MECHAN. SEILERWAREN  
HANF- u. DRAHTSEIL-FABRIK  
FRANKFURT A. M.

## Adjusting without tools

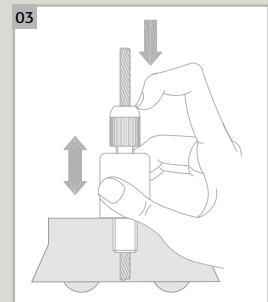
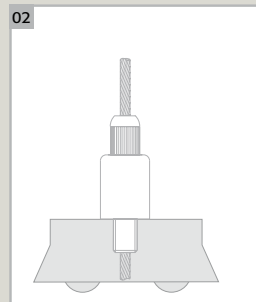
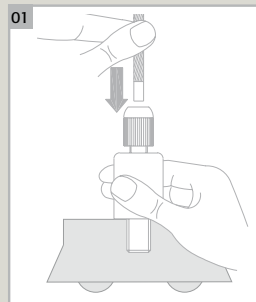
First, the knurled cap is unscrewed a few thread-turns so the cable can be inserted (see illustration 1).

Once the holder is put in place the cap is screwed down until firm resistance is felt. This pulls the cable into the cone (see illustration 2).

Vertical readjustment of the holder follows the same procedure (see illustration 3).

Inadvertent un-clamping through skewed loading or inattentiveness can no longer result in fallen loads.

We recommend occasional readjustment of the safety-cap.



## Safety-caps

Safety-caps prevent inadvertent release of the clamping mechanism inside the holders. That's why the plunger is threaded. Safety-caps are available in various versions.

- Cylindrical safety-caps available with cross knurling or vertical knurling (see p. 9)
- Domed safety-caps are available with cross- oder vertical knurling, or without

## Working loads & cables

A system's SWL equals 20% of its breaking load.  
Holders with 6-ball mechanisms show an SWL of 20% above the 3-ball version.

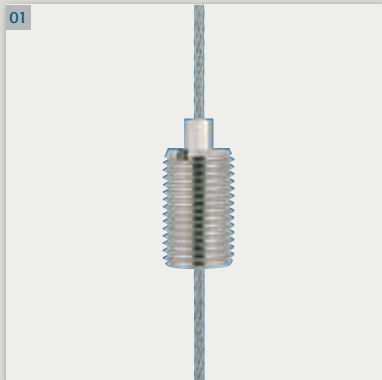
| Cable          |                 |                                         | Safe working loads |         |         |           |        |          |
|----------------|-----------------|-----------------------------------------|--------------------|---------|---------|-----------|--------|----------|
| Cable diameter | Cable material  | Construction/specific strength of cable | Art. No.           | Type 15 | Type 18 | Type 18 S | Typ 20 | Typ 20 S |
| 1.0            | stainless steel | 6x7+1SE, 1,570 N/mm <sup>2</sup>        | 031.010.101        | 8 kg    | 7 kg    | 8 kg      | 7 kg   | 8 kg     |
|                | zinc plated     | 6x7+1SE, 2,300 N/mm <sup>2</sup>        | 015.580.111        | 13 kg   | 12 kg   | 14 kg     | 12 kg  | 14 kg    |
| 1.2            | stainless steel | 6x7+1SE, 1,570 N/mm <sup>2</sup>        | 031.010.121        | 12 kg   | 10 kg   | 12 kg     | 10 kg  | 12 kg    |
|                | zinc plated     | 6x7+1SE, 2,300 N/mm <sup>2</sup>        | 015.580.121        | 16 kg   | 20 kg   | 24 kg     | 20 kg  | 24 kg    |
| 1.5            | stainless steel | 6x7+1SE, 1,570 N/mm <sup>2</sup>        | 031.010.151        | 16 kg   | 16 kg   | 20 kg     | 16 kg  | 20 kg    |
|                | zinc plated     | 6x7+1SE, 2,300 N/mm <sup>2</sup>        | 015.580.151        | 25 kg   | 29 kg   | 30 kg     | 29 kg  | 30 kg    |
| 1.8            | stainless steel | 6x7+1SE, 1,570 N/mm <sup>2</sup>        | 031.010.175        |         | 30 kg   | 28 kg     | 34 kg  | 28 kg    |
|                | zinc plated     | 6x7+1SE, 2,300 N/mm <sup>2</sup>        | 015.580.175        |         | 34 kg   | 36 kg     | 30 kg  | 36 kg    |
| 2.0            | stainless steel | 6x7+1SE, 1,570 N/mm <sup>2</sup>        | 031.010.201        |         |         |           | 38 kg  | 41 kg    |
|                | zinc plated     | 6x7+1SE, 2,300 N/mm <sup>2</sup>        | 015.580.201        |         |         |           | 55 kg  | 66 kg    |

Chart 1: Recommended cables and Safe Working Loads

## Holder Type 15

Cable diameter 1.0 to 1.5 mm (all illustrations in original size)

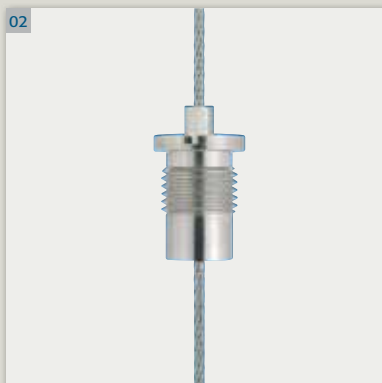
Central cable exit  
without knurl (o.R.)



01

### Holder Type 15 M10x16

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 16 mm       |
| Coupling thread | M10x1       |
| Thread length   | 16 mm       |
| Ser. no.        | 193.000.150 |



02

### Holder Type 15 M10x6A

|                 |             |
|-----------------|-------------|
| Flange diameter | 12 mm       |
| Length          | 16 mm       |
| Coupling thread | M10x1       |
| Thread length   | 14 mm       |
| Ser. no.        | 193.000.155 |



03

### Holder Type 15 fork 6x12 with safety bolt

|               |             |
|---------------|-------------|
| Width         | 12 mm       |
| Length        | 33.5 mm     |
| Fork width    | 6 mm        |
| Bolt diameter | 6 mm        |
| Ser. no.      | 193.000.167 |

### Holder Type 15 fork 6x24 with safety bolt

|               |             |
|---------------|-------------|
| Width         | 10 mm       |
| Length        | 45.5 mm     |
| Fork width    | 6 mm        |
| Bolt diameter | 6 mm        |
| Ser. no.      | 193.000.168 |

### Holder Type 15 fork 8x16 with safety bolt

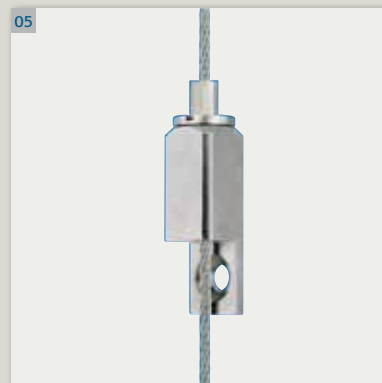
|               |             |
|---------------|-------------|
| Width         | 14 mm       |
| Length        | 44.5 mm     |
| Fork width    | 8 mm        |
| Bolt diameter | 8 mm        |
| Ser. no.      | 193.000.169 |



04

### Holder Type 15 M10x14B

|                 |             |
|-----------------|-------------|
| Flange diameter | 13 mm       |
| Length          | 16 mm       |
| Coupling thread | M10x1       |
| Thread length   | 14 mm       |
| Ser. no.        | 193.000.153 |



05

### Holder Type 15 Bo3

|          |             |
|----------|-------------|
| Width    | 9 mm        |
| Length   | 24 mm       |
| Bore-ø   | 3.2 mm      |
| Ser. no. | 193.000.147 |



Central cable exit  
without knurl (o.R.)



01

Holder Type 15  
hook

|                       |             |
|-----------------------|-------------|
| Safe working load     | 15 kg       |
| Diameter              | 10 mm       |
| Length                | 30 mm       |
| Opening width of hook | 6.5 mm      |
| Exterior diameter     | 15.5 mm     |
| Interior diameter     | 10 mm       |
| Ser. no.              | 193.000.163 |



02

Safety design holder  
Type 15 hook

|                       |             |
|-----------------------|-------------|
| with locking clip     |             |
| Diameter              | 10.5 mm     |
| Length                | 35 mm       |
| Opening width of hook | 8 mm        |
| Ser. no.              | 193.001.400 |

European utility patent  
000 169 594 0001 + 0002



03

Holder Type 15  
hook strong

|                       |             |
|-----------------------|-------------|
| Forged brass          |             |
| Diameter              | 10 mm       |
| Length                | 31 mm       |
| Opening width of hook | 7 mm        |
| Exterior diameter     | 19 mm       |
| Ser. no.              | 193.001.650 |



04

Holder Type 15  
ring

|                   |             |
|-------------------|-------------|
| Diameter          | 10 mm       |
| Length            | 30 mm       |
| Exterior diameter | 18 mm       |
| Interior diameter | 10 mm       |
| Ser. no.          | 193.000.159 |

## Holder Type 15

Cable diameter 1.0 to 1.5 mm (all illustrations in original size)

Lateral cable exit  
without knurl (o.R.)



**Holder Type 15ZW M3x5 o.R.**

|                        |             |
|------------------------|-------------|
| Diameter               | 9 mm        |
| Length                 | 28.5 mm     |
| Coupling thread/length | M3i/5 mm    |
| Ser. no.               | 193.000.183 |

**Holder Type 15ZW M4x5 o.R.**

|                        |             |
|------------------------|-------------|
| Diameter               | 9 mm        |
| Length                 | 28.5 mm     |
| Coupling thread/length | M4i/5 mm    |
| Ser. no.               | 193.000.179 |

**Holder Type 15ZW M5x5 o.R.**

|                        |             |
|------------------------|-------------|
| Diameter               | 9 mm        |
| Length                 | 28.5 mm     |
| Coupling thread/length | M5i/5 mm    |
| Ser. no.               | 193.000.180 |

**Holder Type 15ZW M6x5 o.R.**

|                        |             |
|------------------------|-------------|
| Diameter               | 9 mm        |
| Length                 | 28.5 mm     |
| Coupling thread/length | M6i/5 mm    |
| Ser. no.               | 193.000.122 |



**Y-Holder Type 15ZW  
M5x5 o.R., slit 2.0 mm  
with set screw**

with lateral cable exit  
for Y-cable suspensions

|                 |             |
|-----------------|-------------|
| Diameter        | 9 mm        |
| Length          | 29.6 mm     |
| Coupling thread | M5i         |
| Slit width      | 2 mm        |
| Ser. no.        | 193.000.184 |

**Y-Holder Type 15ZW  
M6x6 o.R., slit 2.6 mm  
with set screw**

with lateral cable exit  
for Y-cable suspensions

|                 |             |
|-----------------|-------------|
| Diameter        | 9 mm        |
| Length          | 29.6 mm     |
| Coupling thread | M6i         |
| Slit width      | 2,6 mm      |
| Ser. no.        | 193.000.188 |



**Y-Holder Type 15ZW  
M5x6 o.R., lateral bore 2.0 mm  
with set screw**

with lateral cable exit  
for Y-cable suspensions

|                 |             |
|-----------------|-------------|
| Diameter        | 9 mm        |
| Length          | 29.6 mm     |
| Coupling thread | M5i         |
| Lateral bore    | 2 mm        |
| Ser. no.        | 193.000.175 |

### Note

m.R. = with knurl  
o.R. = without knurl





Lateral cable exit  
without knurl (o.R.)



01

**Holder Type 15ZW**  
**hinged M4i o.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 9 mm        |
| Length          | 35.5 mm     |
| Coupling thread | M4i         |
| Thread length   | 4 mm        |
| Ser. no.        | 193.000.194 |

**Holder Type 15ZW**  
**hinged M5i o.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 9 mm        |
| Length          | 35.5 mm     |
| Coupling thread | M5i         |
| Thread length   | 4 mm        |
| Ser. no.        | 193.000.339 |

Pendant fixture  
Bartenbach Baureihe 99 Werfer 3  
Spectral Gesellschaft für  
Lichttechnik mbH, Freiburg



# Holder Type 15

Cable diameter 1.0 to 1.5 mm (all illustrations in original size)

Central cable exit  
with knurl (m.R.)



01

## Holder Type 15 M6x7 m.R.

|                     |             |
|---------------------|-------------|
| Diameter            | 9.3 mm      |
| Length              | 23.6 mm     |
| Coupling thread     | M6          |
| Usable thread depth | 7 mm        |
| Ser. no.            | 193.000.212 |

## Holder Type 15 M8x7 m.R.

|                     |             |
|---------------------|-------------|
| Diameter            | 9.3 mm      |
| Length              | 23.6 mm     |
| Coupling thread     | M8          |
| Usable thread depth | 7 mm        |
| Ser. no.            | 193.000.211 |

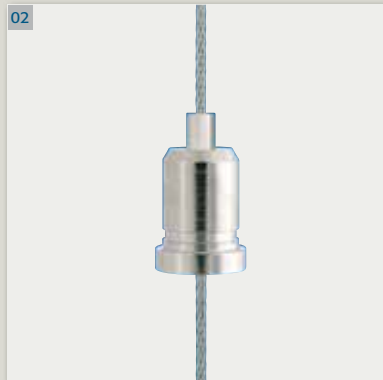
### Note

m.R. = with knurl

o.R. = without knurl



## Special versions



02

## Holder Type 15 N9x1.2

|                                                                      |             |
|----------------------------------------------------------------------|-------------|
| to be attached with securing- or clamping-washers (Art. 029.003.577) |             |
| Diameter                                                             | 10 mm       |
| Flange diameter                                                      | 12 mm       |
| Groove diameter                                                      | 9 mm        |
| Length                                                               | 16 mm       |
| Ser. no.                                                             | 193.000.162 |



03

## Holder Type 15 K18

|          |             |
|----------|-------------|
| Diameter | 18 mm       |
| Height   | 16 mm       |
| Ser. no. | 193.000.165 |



04

## Holder Type 15 B20

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Flange diameter | 20 mm       |
| Length          | 16 mm       |
| Ser. no.        | 193.000.146 |



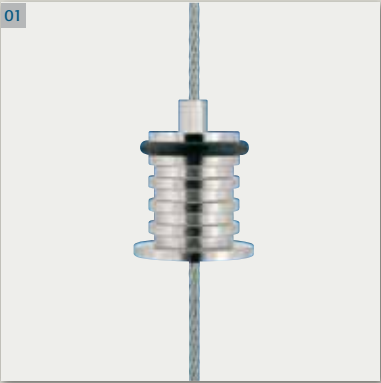
05

## Holder Type 15 K6 o.R.

|                     |             |
|---------------------|-------------|
| Diameter            | 10 mm       |
| Length              | 22 mm       |
| Coupling thread     | M6          |
| Usable thread depth | 6 mm        |
| Ser. no.            | 193.001.739 |

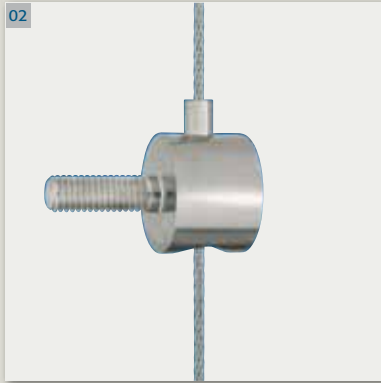
## Holder Type 15 K6 m.R.

|                     |             |
|---------------------|-------------|
| Diameter            | 10 mm       |
| Length              | 22 mm       |
| Coupling thread     | M6          |
| Usable thread depth | 6 mm        |
| Ser. no.            | 193.000.161 |



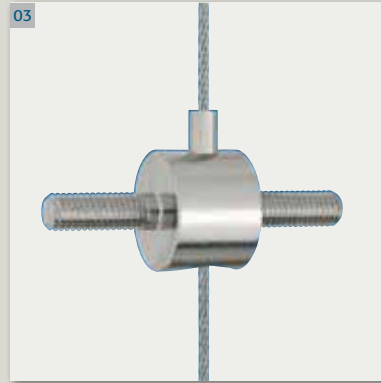
01  
**Holder Type 15**  
**5N10x1.5**

|                 |             |
|-----------------|-------------|
| Diameter        | 12 mm       |
| Flange diameter | 16 mm       |
| Groove          | 10 mm       |
| Length          | 16.5 mm     |
| Ser. no.        | 193.000.144 |



02  
**Holder Type 15**  
**M5x15Q**

|                 |             |
|-----------------|-------------|
| Diameter        | 16 mm       |
| Width           | 12 mm       |
| Bolt length     | 15 mm       |
| Coupling thread | M5          |
| Ser. no.        | 193.000.174 |



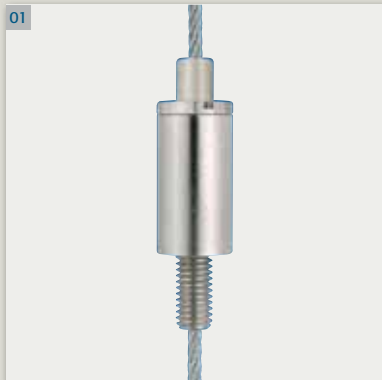
03  
**Holder Type 15**  
**M5x152Q**

|                 |             |
|-----------------|-------------|
| Diameter        | 16 mm       |
| Width           | 12 mm       |
| Bolt length     | 15 mm       |
| Coupling thread | M5          |
| Ser. no.        | 193.000.171 |

## Holder Type 18

Cable diameter 1.0 to 1.8 mm (all illustrations in original size)

Central cable exit  
without knurl (o.R.)



01

### Holder Type 18 M5x10 o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 30 mm       |
| Coupling thread | M5          |
| Thread length   | 10 mm       |
| Ser. no.        | 193.000.001 |

### Holder Type 18 M6x8 o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 30 mm       |
| Coupling thread | M6          |
| Thread length   | 10 mm       |
| Ser. no.        | 193.000.003 |

### Holder Type 18 M8x5 o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 30 mm       |
| Coupling thread | M8          |
| Thread length   | 10 mm       |
| Ser. no.        | 193.000.005 |

#### Note

m.R. = with knurl

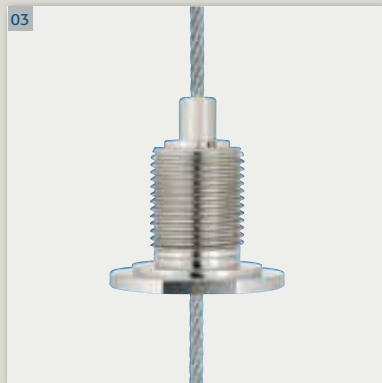
o.R. = without knurl



02

### Holder Type 18 M13x4B o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Flange diameter | 16 mm       |
| Length          | 20.5 mm     |
| Coupling thread | M13x1       |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.082 |



03

### Holder Type 18 M13x13B

|                 |             |
|-----------------|-------------|
| Diameter        | 13 mm       |
| Flange diameter | 24 mm       |
| Collar diameter | 22 mm       |
| Length          | 20.5 mm     |
| Coupling thread | M13x1       |
| Thread length   | 15 mm       |
| Ser. no.        | 193.000.090 |



04

### Holder Type 18 fork 8x16

with safety bolt

|               |             |
|---------------|-------------|
| Width         | 14 mm       |
| Length        | 44.5 mm     |
| Fork width    | 8 mm        |
| Bolt diameter | 8 mm        |
| Ser. no.      | 193.000.378 |



Pendant fixture HYBRID Type/Modell LXP 254  
Herbert Waldmann GmbH & Co. KG  
Villingen-Schwenningen

## Central cable exit without knurl (o.R.)



|                                      |             |
|--------------------------------------|-------------|
| <b>Holder Type 18</b>                |             |
| <b>M8x5 o.R. with fork 6x12; M8i</b> |             |
| with safety bolt                     |             |
| Width                                | 12 mm       |
| Length                               | 51 mm       |
| Fork width                           | 6 mm        |
| Bolt diameter                        | 6 mm        |
| Ser. no.                             | 193.000.833 |



|                       |             |
|-----------------------|-------------|
| <b>Holder Type 18</b> |             |
| <b>hook</b>           |             |
| Diameter              | 10 mm       |
| Length                | 36 mm       |
| Exterior diameter     | 22 mm       |
| Interior diameter     | 12 mm       |
| Opening width of hook | 6 mm        |
| Ser. no.              | 193.000.121 |

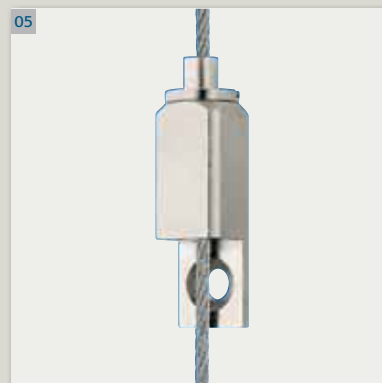


|                       |             |
|-----------------------|-------------|
| <b>Holder Type 18</b> |             |
| <b>ring</b>           |             |
| Diameter              | 10 mm       |
| Length                | 38 mm       |
| Exterior diameter     | 24 mm       |
| Interior diameter     | 14 mm       |
| Ser. no.              | 193.000.120 |

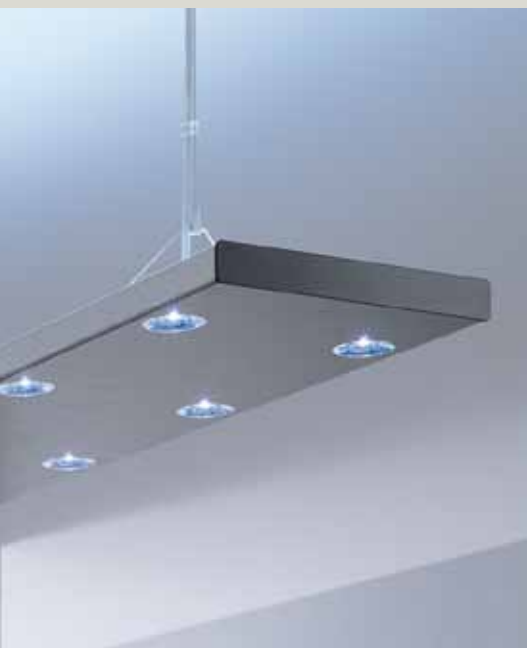
Also available with 6 balls:  
Ser. no. 193.000.093



|                                                |             |
|------------------------------------------------|-------------|
| <b>Safety design holder Type 18</b>            |             |
| <b>hook</b>                                    |             |
| with locking clip,<br>max. breaking load 25 kg |             |
| Length                                         | 36 mm       |
| Opening width of hook                          | 8 mm        |
| Interior diameter                              | 12 mm       |
| Exterior diameter                              | 23 mm       |
| Ser. no.                                       | 193.001.512 |



|                       |             |
|-----------------------|-------------|
| <b>Holder Type 18</b> |             |
| <b>Bo4</b>            |             |
| Width                 | 10 mm       |
| Length                | 32 mm       |
| Bore                  | 4.2 mm      |
| Ser. no.              | 193.000.015 |



## Holder Type 18

Cable diameter 1.0 to 1.8 mm (all illustrations in original size)

Lateral cable exit  
without knurl (o.R.)



01

### Holder Type 18ZW M4i o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M4i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.051 |

### Holder Type 18ZW M5i o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M5i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.053 |

### Holder Type 18ZW M6i o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M6i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.055 |

### Holder Type 18ZW M8i o.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M8i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.076 |



02

### Y-Holder Type 18ZW M6i o.R. slit 2.5 with set screw

with lateral cable exit for  
Y-cable suspensions

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M6i         |
| Slit width      | 2.5 mm      |
| Ser. no.        | 193.000.087 |



03

### Y-Holder Type 18ZW M5i o.R. lateral bore 2.5 with set screw

with lateral cable exit for  
Y-cable suspensions

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M5i         |
| Lateral bore    | 2.5 mm      |
| Ser. no.        | 193.000.084 |

### Y-Holder Type 18ZW M6i o.R. lateral bore 4.5 with set screw

with lateral cable exit for  
Y-cable suspensions

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M5i         |
| Lateral bore    | 4.5 mm      |
| Ser. no.        | 193.000.085 |

### Note

m.R. = with knurl

o.R. = without knurl





**Holder Type 18ZW  
hinged M5i o.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 46.5 mm     |
| Internal thread | M5i         |
| Thread length   | 7 mm        |
| Ser. no.        | 193.000.063 |

Other internal threads

|     |          |             |
|-----|----------|-------------|
| M4i | Ser. no. | 193.000.067 |
| M6i | Ser. no. | 193.000.065 |
| M8i | Ser. no. | 193.000.068 |



Fixture ›Zirkel‹  
Spectral Gesellschaft für Lichttechnik mbH

**Holder Type 18ZW  
hinged M5 o.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 46.5 mm     |
| External thread | M5          |
| Thread length   | 8 mm        |
| Ser. no.        | 193.000.064 |

Other external threads

|       |          |             |
|-------|----------|-------------|
| M6    | Ser. no. | 193.000.066 |
| M8    | Ser. no. | 193.000.069 |
| M10x1 | Ser. no. | 193.000.072 |

# Holder Type 18

Cable diameter 1.0 to 1.8 mm (all illustrations in original size)

18



Multifunctional system H-profile  
with glas cylinder  
Spectral Gesellschaft  
für Lichttechnik mbH  
Freiburg

Lateral cable exit  
without knurl (o.R.)



01  
**Holder Type 18ZW**  
**M8x7 o.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 42 mm       |
| Coupling thread | M8          |
| Thread length   | 7 mm        |
| Ser. no.        | 193.000.057 |



02  
**Holder Type 18ZW**  
**M10x1 o.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M10x1       |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.107 |





01

## Holder Type 18ZW NG

|                   |             |
|-------------------|-------------|
| Length            | 34.5 mm     |
| Width of bar (W)  | 3.5 mm      |
| Groove height (G) | 3.0 mm      |
| Foot height (F)   | 2.5 mm      |
| Diameter (D)      | 10.0 mm     |
| Ser. no.          | 193.000.059 |

## Holder Type 18ZW NK

|                   |             |
|-------------------|-------------|
| Length            | 33.5 mm     |
| Width of bar (W)  | 3.5 mm      |
| Groove height (G) | 2.0 mm      |
| Foot height (F)   | 2.5 mm      |
| Diameter (D)      | 8.0 mm      |
| Ser. no.          | 193.000.062 |

### Note

m.R. = with knurl  
o.R. = without knurl



02

## Holder Type 18ZW M13x4B18 o.R.

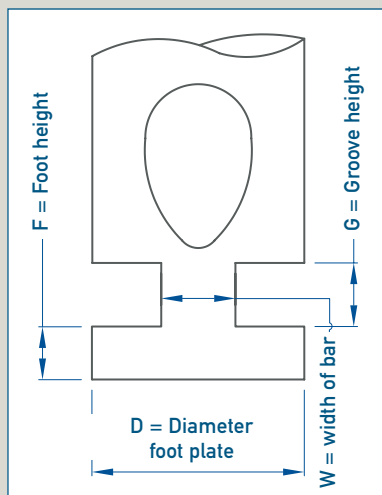
|                 |             |
|-----------------|-------------|
| Length          | 42.5 mm     |
| Diameter (D)    | 18.0 mm     |
| Foot height (F) | 2.0 mm      |
| Coupling thread | M13x1       |
| Thread length   | 6.0 mm      |
| Ser. no.        | 193.000.106 |



03

## Holder Type 18ZW NK with locking nut M10x1

|                   |             |
|-------------------|-------------|
| Length            | 31.6 mm     |
| Width of bar (W)  | 4.0 mm      |
| Groove height (G) | 5.5 mm      |
| Foot height (F)   | 1.5 mm      |
| Diameter (D)      | 8.0 mm      |
| Ser. no.          | 193.000.078 |



We recommend a test of breaking load with the profile used.

## Holder Type 18

Cable diameter 1.0 to 1.8 mm (all illustrations in original size)

Central cable suspension  
with knurl (m.R.)



01

### Holder Type 18 M5x10 m.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 30 mm       |
| Coupling thread | M5          |
| Thread length   | 10 mm       |
| Ser. no.        | 193.000.000 |

### Holder Type 18 M6x8 m.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 28 mm       |
| Coupling thread | M6          |
| Thread length   | 8 mm        |
| Ser. no.        | 193.000.002 |

### Holder Type 18 M8x5 m.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 27 mm       |
| Coupling thread | M8          |
| Thread length   | 7 mm        |
| Ser. no.        | 193.000.004 |

#### Note

m.R. = with knurl

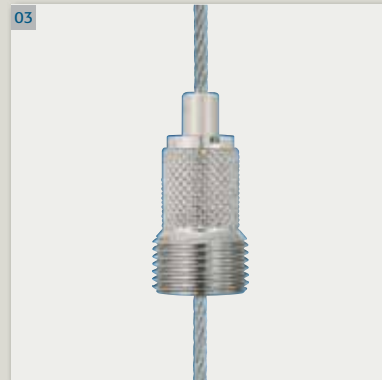
o.R. = without knurl



02

### Holder Type 18V M8x5 m.R.

|                 |             |
|-----------------|-------------|
| with safety nut |             |
| Diameter        | 10 mm       |
| Length          | 27 mm       |
| Coupling thread | M8          |
| Thread length   | 7 mm        |
| Ser. no.        | 193.000.010 |



03

### Holder Type 18 M13x8 m.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 20.5 mm     |
| Coupling thread | M13x1       |
| Thread length   | 8 mm        |
| Ser. no.        | 193.000.070 |



04

### Holder Type 18 M13x8A m.R.

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Flange diameter | 16 mm       |
| Collar diameter | 14 mm       |
| Length          | 20.5 mm     |
| Coupling thread | M13x1       |
| Thread length   | 10 mm       |
| Ser. no.        | 193.000.200 |

Central cable suspension  
with knurl (m.R.)



|                                             |             |
|---------------------------------------------|-------------|
| <b>Holder Type 18</b><br><b>M13x4B m.R.</b> |             |
| Diameter                                    | 10 mm       |
| Flange diameter                             | 16 mm       |
| Length                                      | 20.5 mm     |
| Coupling thread                             | M13x1       |
| Thread length                               | 10 mm       |
| Ser. no.                                    | 193.000.080 |



|                                          |             |
|------------------------------------------|-------------|
| <b>Holder Type 18</b><br><b>B18 m.R.</b> |             |
| Diameter                                 | 12.8 mm     |
| Flange diameter                          | 18 mm       |
| Length                                   | 21.5 mm     |
| Ser. no.                                 | 193.000.049 |



|                                                                      |             |
|----------------------------------------------------------------------|-------------|
| <b>Holder Type 18</b><br><b>2N12x1.4 m. LR</b>                       |             |
| to be attached with securing- or clamping-washers (Art. 029.003.566) |             |
| Diameter                                                             | 13 mm       |
| Groove diameter                                                      | 12 mm       |
| Complete length                                                      | 24 mm       |
| Ser. no.                                                             | 193.000.060 |

# Holder Type 18

Cable diameter 1.0 to 1.8 mm (all illustrations in original size)

Lateral cable exit  
with knurl (m.R.)



BLUEmotion  
Trilux GmbH & Co. KG  
Arnsberg



01  
**Holder Type 18ZW  
M4i m.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M4i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.052 |

**Holder Type 18ZW  
M5i m.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M5i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.054 |

**Holder Type 18ZW  
M6i m.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Length          | 34.5 mm     |
| Coupling thread | M6i         |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.056 |

## Note

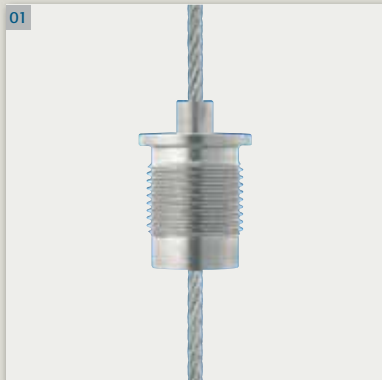
m.R. = with knurl  
o.R. = without knurl



02  
**Holder Type 18ZW  
M13x4B16 m.R.**

|                 |             |
|-----------------|-------------|
| Diameter        | 10 mm       |
| Flange diameter | 16 mm       |
| Length          | 39.5 mm     |
| Coupling thread | M13x1       |
| Thread length   | 6 mm        |
| Ser. no.        | 193.000.105 |

## Central cable exit without knurl (o.R.)



### Holder Type 20 M13x10A

|                   |             |
|-------------------|-------------|
| Diameter          | 13 mm       |
| Flange diameter   | 15 mm       |
| Length            | 18 mm       |
| Coupling thread   | M13x1       |
| Thread length     | 10 mm       |
| Ser. no. (3-ball) | 193.000.100 |
| Ser. no. (6-ball) | 193.000.222 |



### Holder Type 20 M16x12A

|                   |             |
|-------------------|-------------|
| Diameter          | 16 mm       |
| Flange diameter   | 18 mm       |
| Length            | 18 mm       |
| Coupling thread   | M16x1       |
| Thread length     | 12 mm       |
| Ser. no. (3-ball) | 193.000.226 |
| Ser. no. (6-ball) | 193.000.225 |



Fixture ›HYBRID‹  
Type/Modell DHPL 254-12  
Herbert Waldmann GmbH & Co. KG  
Villingen-Schwenningen



## Accessories | Canopies

Canopies are hollow bodies of plastic used to conceal electrical connections, usually on ceilings. They cover the power-feed exit to be connected to the appliance wiring. Therefore canopies assure not only safety (protection from exposed power-feeds), but also a decorative appearance by covering ungainly wiring.



01

### Multi-canopy

Power-feed and load-suspension in one for the easiest installation without tools.

with power-feed

Ser. no. 029.009.000

without power-feed

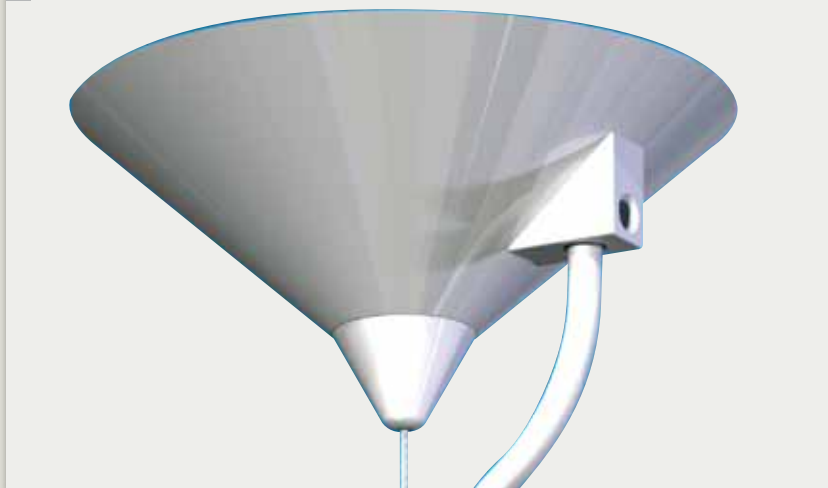
Ser. no. 029.009.001

### Technical specifications

- VDE-approbation
- Voltage: 250 V
- Current: 16/6 A (trough-switching/tapping light-fixture), multipolar (5), suitable for looping through
- Loadability 20 kg
- Diameter  $\varnothing$  75 mm, Height 56 mm



02



02

### Universal-canopy cone $\varnothing$ 115x57

silver (similar to RAL 9022)

max. breaking load 20 kg

Power feed- $\varnothing$  up to 7 mm

Cable- $\varnothing$  from/to 0.8 - 2.0 mm

Cone- $\varnothing$  115 mm

Height 57 mm

Ser. no. 029.005.184

### Universal-canopy cone $\varnothing$ 115x57

See above, but white (similar to RAL 9010)

Ser. no. 029.005.183

03



03

### Standard-canopy cylinder $\varnothing$ 31x56

white (similar to RAL 9001), without loading function, with inside fixing screw

Cable- $\varnothing$  from/to 0.8 - 1.8 mm

Cylinder- $\varnothing$  31 mm

Height 56 mm

Ser. no. 029.005.261

04



04

### Universal-canopy Cylinder $\varnothing$ 67x90

white (similar to RAL 9010), without loading function, with inside fixing screw

Power feed- $\varnothing$  up to 11.6 mm

Cable- $\varnothing$  from/to 1.0 - 2.5 mm

Cylinder- $\varnothing$  67 mm

Height 90 mm

Ser. no. 029.005.127

### Universal-canopy Cylinder $\varnothing$ 67x90

See above, but black (similar to RAL 9011)

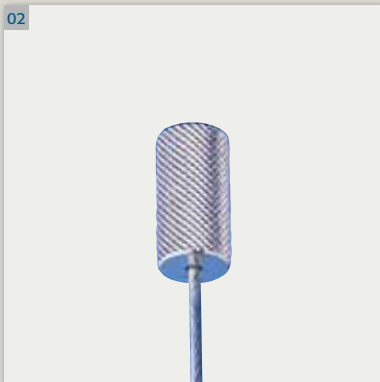
Ser. no. 029.005.128

Other canopies on demand!

### Single piece ceiling attachments

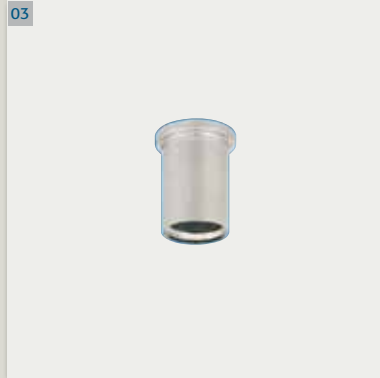


|                 |                                        |
|-----------------|----------------------------------------|
| <b>01</b>       | <b>Ceiling attachment M6i o.R. SW7</b> |
| Diameter        | 8 mm                                   |
| Length          | 20 mm                                  |
| Coupling thread | M6i                                    |
| Collar diameter | 7 mm                                   |
| Bore-ø          | 2.2 mm                                 |
| Ser. no.        | 029.004.078                            |



|                 |                                    |
|-----------------|------------------------------------|
| <b>02</b>       | <b>Ceiling attachment M6i m.R.</b> |
| Diameter        | 10 mm                              |
| Length          | 20 mm                              |
| Coupling thread | M6i                                |
| Bore-ø          | 2.2 mm                             |
| Ser. no.        | 029.006.200                        |

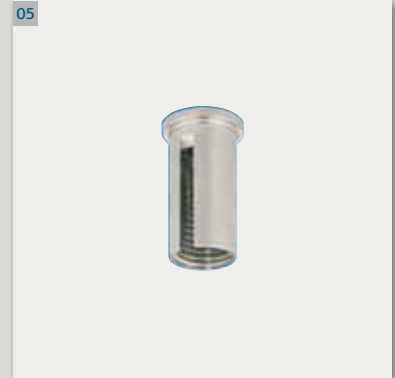
### Two piece ceiling attachments M8x1



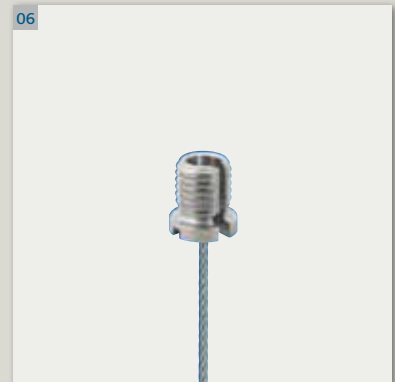
|                      |                                      |
|----------------------|--------------------------------------|
| <b>03</b>            | <b>Ceiling attachment M8x1 short</b> |
| Flange diameter      | 11 mm                                |
| Diameter             | 9 mm                                 |
| Length               | 14 mm                                |
| Coupling thread      | M8x1                                 |
| with M6i Ser. no.    | 029.006.203                          |
| without M6i Ser. no. | 029.006.201                          |



|                 |                       |
|-----------------|-----------------------|
| <b>04</b>       | <b>Screw cap M8x1</b> |
| Diameter        | 9 mm                  |
| Length          | 10 mm                 |
| Coupling thread | M8x1                  |
| Thread length   | 8 mm                  |
| Bore-ø          | 2 mm                  |
| Ser. no.        | 029.006.030           |



|                      |                                          |
|----------------------|------------------------------------------|
| <b>05</b>            | <b>Ceiling attachment M8x1 with slit</b> |
| Flange diameter      | 11 mm                                    |
| Diameter             | 9 mm                                     |
| Length               | 20 mm                                    |
| Coupling thread      | M8x1                                     |
| with M6i Ser. no.    | 029.006.044                              |
| without M6i Ser. no. | 029.006.031                              |



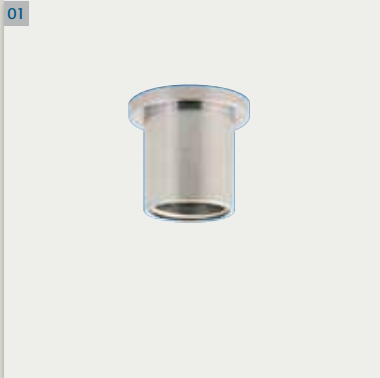
|                 |                               |
|-----------------|-------------------------------|
| <b>06</b>       | <b>Screw cap M8x1 ›Quick‹</b> |
| with slit       |                               |
| Diameter        | 9 mm                          |
| Length          | 10 mm                         |
| Coupling thread | M8x1                          |
| Thread length   | 8 mm                          |
| Bore-ø          | 2 mm                          |
| Ser. no.        | 029.005.732                   |

German utility patent  
20.2004 005 788.3

## Accessories | Ceiling attachments

### Two piece ceiling attachments M10x1

01

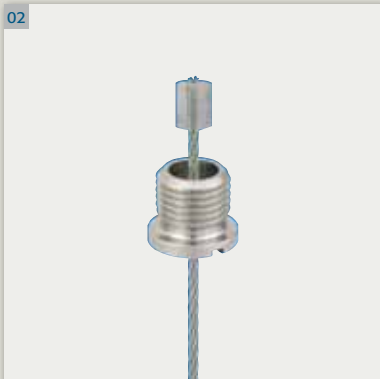


01

#### Ceiling attachment M10x1; M6i short

|                 |             |
|-----------------|-------------|
| Flange diameter | 16 mm       |
| Diameter        | 12 mm       |
| Length          | 15 mm       |
| Coupling thread | M10x1       |
| Ser. no.        | 029.006.007 |

02



02

#### Screw cap M10x1 with slit

|                 |             |
|-----------------|-------------|
| Diameter        | 12 mm       |
| Length          | 10 mm       |
| Coupling thread | M10x1       |
| Thread length   | 8 mm        |
| Bore-ø          | 2.2 mm      |
| Ser. no.        | 029.006.011 |

03

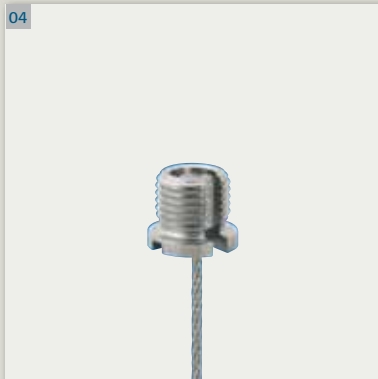


03

#### Ceiling attachment M10x1; M6i with bore

|                       |             |
|-----------------------|-------------|
| Flange diameter       | 16 mm       |
| Diameter              | 12 mm       |
| Length                | 26 mm       |
| Coupling thread       | M10x1       |
| Ser. no.              | 029.006.010 |
| Ser. no. without bore | 029.006.009 |

04



04

#### Screw cap M10x1

##### »Quick«

|                 |             |
|-----------------|-------------|
| with slit       |             |
| Diameter        | 12 mm       |
| Length          | 10 mm       |
| Coupling thread | M10x1       |
| Thread length   | 8 mm        |
| Bore-ø          | 2.2 mm      |
| Ser. no.        | 029.005.705 |

German utility patent  
20.2004 005 788.3

05



05

#### Ceiling attachment M10x1; M6i with slit

|                 |             |
|-----------------|-------------|
| Flange diameter | 16 mm       |
| Diameter        | 12 mm       |
| Length          | 26 mm       |
| Coupling thread | M10x1       |
| Ser. no.        | 029.006.012 |

### REUTLINGER Track-Clips Clamping attachments for T-bars of ceiling grids

With REUTLINGER track-clips (page 25) cable pending objects can be clamped on T-bars of standard ceiling grids without tools.

Track-clips will be delivered with individual matched coupling-varieties (clip/cable).

Please demand our special brochure or ask for further details.





**Track-Clip ›Premium‹ M6x11 white**

with spring clamp, for track 25 mm

Bolt M6x11 mm

Ser. no. 029.005.135



**Track-Clip ›Profi‹  
M6x10 white RAL 9003**

with snap nob, for track 25mm

Bolt M6x10 mm

Ser. no. 029.006.027



**Track-Clip ›Basic‹ with eyelet  
ø 5.6 mm white RAL 9003**

with snap nob, for track 25 mm

Internal-ø eyelet 5.6 mm

Ser. no. 029.005.243

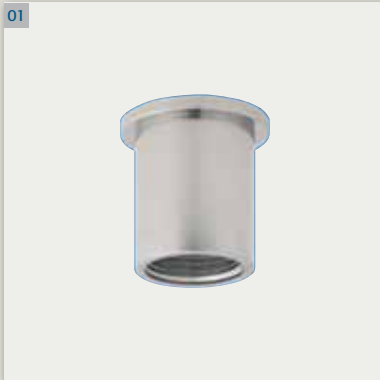


Pendant fixture ›Straight‹  
Type/Modell LXP 254  
Herbert Waldmann GmbH & Co. KG  
Villingen-Schwenningen

## Accessories | Ceiling attachments

### Two piece ceiling attachments M13x1

01



01

#### Ceiling attachment M13x1

|                 |                      |
|-----------------|----------------------|
| Flange diameter | 20 mm                |
| Diameter        | 16 mm                |
| Length          | 21 mm                |
| Coupling thread | M13x1                |
| with M6i        | Ser. no. 029.006.003 |
| without M6i     | Ser. no. 029.006.024 |

02



02

#### Screw cap M13x1 with bore 2.4 mm SW14

|                 |             |
|-----------------|-------------|
| Diameter        | 16 mm       |
| Length          | 12 mm       |
| Coupling thread | M13x1       |
| Thread length   | 10 mm       |
| Collar diameter | 14 mm       |
| Ser. no.        | 029.006.002 |

03



03

#### Ceiling attachment M13x1 with bore

|                 |                      |
|-----------------|----------------------|
| Flange diameter | 20 mm                |
| Diameter        | 16 mm                |
| Length          | 21 mm                |
| Coupling thread | M13x1                |
| with M6i        | Ser. no. 029.006.001 |
| without M6i     | Ser. no. 029.006.042 |

04



04

#### Ceiling attachment M13x1; M6i long with slit

|                 |             |
|-----------------|-------------|
| Flange diameter | 20 mm       |
| Diameter        | 16 mm       |
| Length          | 34 mm       |
| Coupling thread | M13x1       |
| Ser. no.        | 029.006.005 |

#### Ceiling attachment M13x1; M6i short with slit

|                 |             |
|-----------------|-------------|
| Flange diameter | 20 mm       |
| Diameter        | 16 mm       |
| Length          | 21 mm       |
| Coupling thread | M13x1       |
| Ser. no.        | 029.006.004 |

#### Screw cap M13x1 »Quick«

|                 |             |
|-----------------|-------------|
| with slit       |             |
| Diameter        | 16 mm       |
| Length          | 12 mm       |
| Coupling thread | M13x1       |
| Thread length   | 10 mm       |
| Ser. no.        | 029.006.055 |

German utility patent  
20.2004 005 788.3

### Combinations of ceiling attachment and screw cap



01

**Ceiling attachment M10x1; M6i short and screw cap M10x1**

|                 |             |
|-----------------|-------------|
| Diameter        | 12 mm       |
| Flange diameter | 16 mm       |
| Complete length | 17 mm       |
| Ser. no.        | 193.000.116 |



02

**Ceiling attachment M13x1; M6i short and screw cap M13x1 with bore 2.4 mm SW 14**

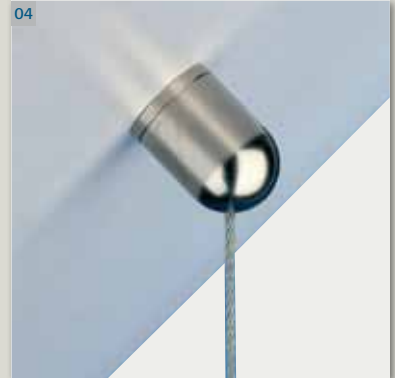
|                 |             |
|-----------------|-------------|
| Diameter        | 16 mm       |
| Flange diameter | 20 mm       |
| Complete length | 23 mm       |
| Ser. no.        | 193.005.245 |



03

**Ceiling attachment M13x1; M6i and screw cap M13x1 with bore 3.5 mm**

|                 |             |
|-----------------|-------------|
| Diameter        | 16 mm       |
| Flange diameter | 20 mm       |
| Complete length | 23 mm       |
| Ser. no.        | 193.005.206 |



04

**Ball joint attachment small**

|                 |             |
|-----------------|-------------|
| Diameter        | 15 mm       |
| Complete length | 21 mm       |
| Coupling thread | M6          |
| Ser. no.        | 193.000.177 |



05

**Ball joint attachment big**

|                 |             |
|-----------------|-------------|
| Diameter        | 24 mm       |
| Complete length | 28 mm       |
| Coupling thread | M6          |
| Ser. no.        | 193.000.170 |

### Combinations of ceiling attachment and holder



**01**  
Ceiling attachment M10x1; M6i  
with bore and holder  
Type 15 M10x6A

|                 |             |
|-----------------|-------------|
| Diameter        | 12 mm       |
| Flange diameter | 16 mm       |
| Complete length | 28 mm       |
| Ser. no.        | 193.000.289 |



**02**  
Ceiling attachment M10x1, M6i  
with slit and holder  
Type 15 M10x6A

|                 |             |
|-----------------|-------------|
| Diameter        | 12 mm       |
| Flange diameter | 16 mm       |
| Complete length | 28 mm       |
| Ser. no.        | 193.000.427 |



**03**  
Ball joint holder Type 15  
and ceiling plate

For sloped ceilings

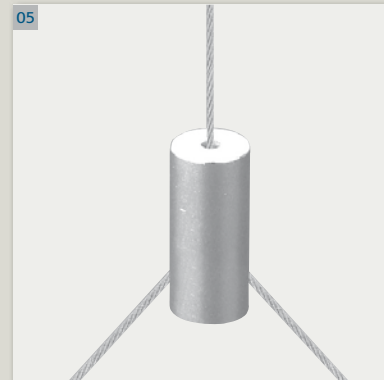
|                 |             |
|-----------------|-------------|
| Diameter        | 24 mm       |
| Complete length | 28 mm       |
| Coupling thread | M6          |
| Ser. no.        | 193.000.166 |



**04**  
Ceiling holder Type 15ZW  
M10x1 'cone' and ceiling plate  
M10x1

|                      |             |
|----------------------|-------------|
| Diameter top         | 20 mm       |
| Diameter bottom      | 9 mm        |
| Complete length      | 33 mm       |
| Ser. no. (with Logo) | 193.000.197 |

### Y-Koppelteile



**05**  
Combination of Y-coupling part  
M5x5 with slit and set screw  
M5x6

for cable-ø 1.0 to 1.5 mm

|          |             |
|----------|-------------|
| Diameter | 6 mm        |
| Length   | 17 mm       |
| Ser. no. | 193.000.028 |

**Combination of Y-coupling part  
M5x5 with bore and set screw  
M5x6**

for cable-ø 1.0 to 1.5 mm

|          |             |
|----------|-------------|
| Diameter | 6 mm        |
| Length   | 17 mm       |
| Ser. no. | 193.000.898 |

## Cables for holders

### 1. Materials + surfaces

Cables are available in two degrees of durability

- 1.1 galvanized steel for normal interior use
- 1.2 stainless steel for exterior use and decorative applications

### 2. Specific cable strength

We offer high-tensile-strength cables with up to 2300 N/mm<sup>2</sup>. With these you get a higher system strength with the same cable diameter.

### 3. Cable constructions

You can choose between different cable constructions. Please note:

- 3.1 cables with steel core have a higher strength than those with a fiber core but they are less flexible.
- 3.2. Cables running on pulleys should have fiber cores.

### 4. Cable diameter

REUTLINGER offers holders suitable for cables from 0.8 mm to 2.0 mm diameter.

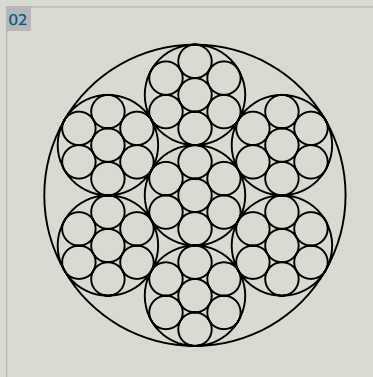
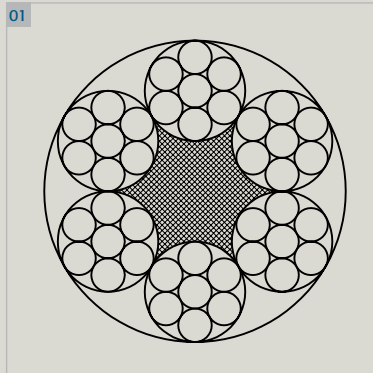
### 5. Using other cables

REUTLINGER-cables are stress-free, not twisted and cut-proof.

When using other cables, take care that cutting does not untwist the cable, because it is possible that they do not fit into the holder after they have been tinned.

### 6. Individual solutions

Let us help you choose the best solution among our variety of cable ends.



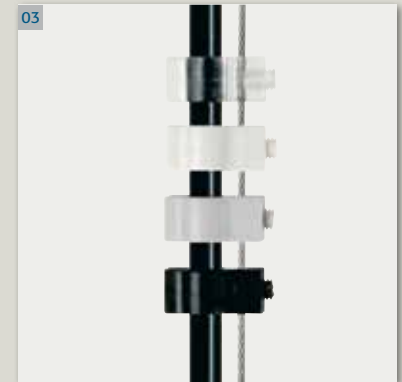
01 Cable DIN EN 12385-4  
6x7+1FE

02 Cable DIN EN 12385-4  
6x7+1SE

#### Tip:

Cables do not need to be greased or oiled

## Attaching power-feeds to cables



03

### Cable clip ›Flex Plus small‹

|              |              |
|--------------|--------------|
| Power feed-ø | 5.0 - 8.0 mm |
| Cable-ø      | 1.0 - 2.0 mm |
| Colour       | Ser. no.     |
| black        | 029.006.595  |
| white        | 029.006.598  |
| grey         | 029.006.596  |
| transparent  | 029.006.597  |

German utility patent  
400 04 183.9

### Cable clip ›Flex Plus large‹

|              |               |
|--------------|---------------|
| Power feed-ø | 7.0 - 10.5 mm |
| Cable-ø      | 1.0 - 2.0 mm  |
| Colour       | Ser. no.      |
| black        | 029.006.592   |
| white        | 029.006.590   |
| grey         | 029.006.593   |
| transparent  | 029.006.594   |

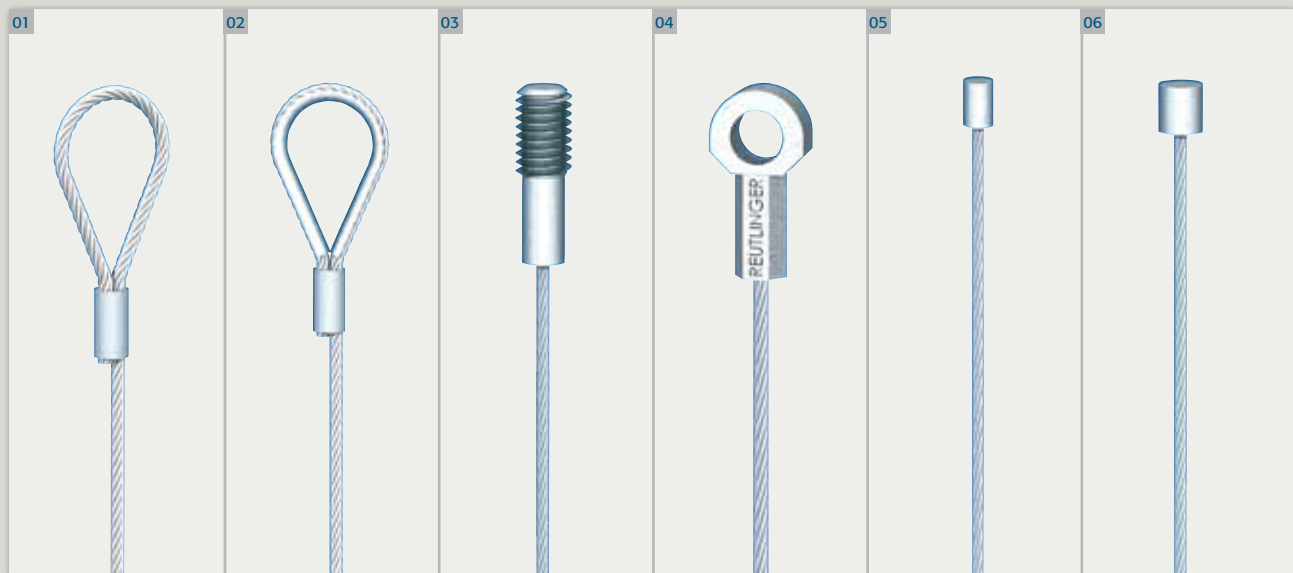
German utility patent  
400 04 183.9

### Cable clip ›Flex Standard‹

|              |              |
|--------------|--------------|
| Power feed-ø | 6.0 - 8,0 mm |
| Cable-ø      | 1.0 - 1.6 mm |
| Colour       | Ser. no.     |
| black        | 029.005.124  |
| white        | 029.005.123  |
| transparent  | 029.005.249  |

## Accessories | Cable ends

On demand cables with various cable-ends custom-made to fit individual suspensions (length, materials, diameter.)

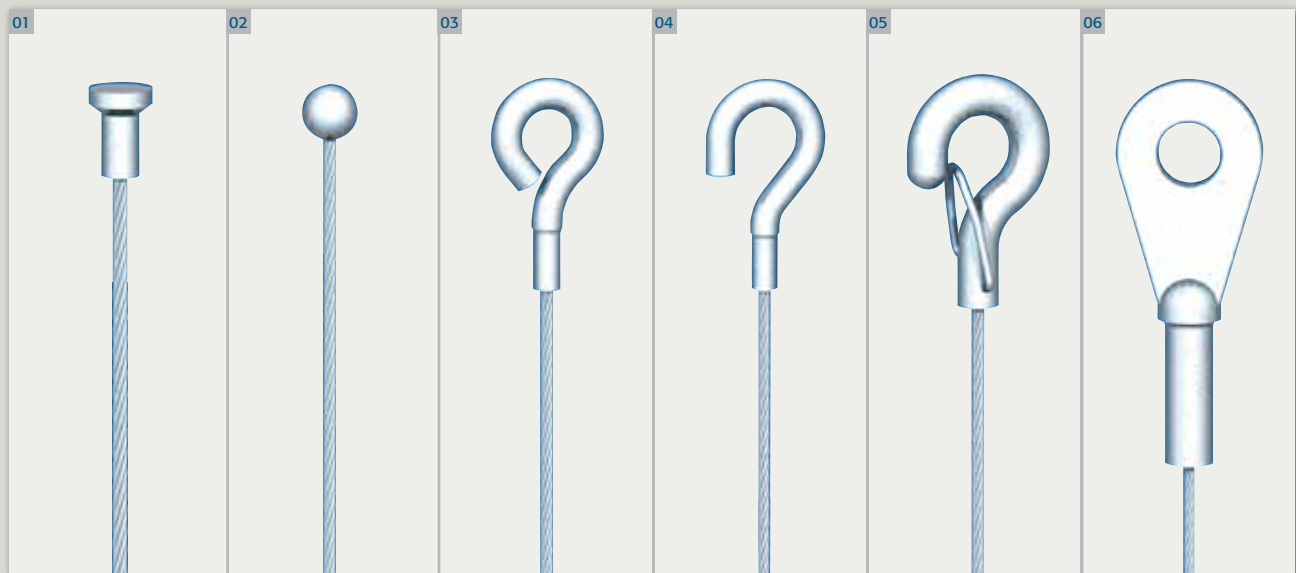


| 01                              | 02                              | 03                                            | 04                | 05                           | 06                           |
|---------------------------------|---------------------------------|-----------------------------------------------|-------------------|------------------------------|------------------------------|
| <b>Loop</b>                     | <b>Loop &amp; thimble</b>       | <b>Threaded bolt</b>                          | <b>Eyelet</b>     | <b>Cylindrical sleeve 13</b> | <b>Cylindrical sleeve 07</b> |
| Dimensions according to drawing | Dimensions according to drawing | Dimensions according to drawing<br>M4, M5, M6 | for bolt-ø 5.0 mm | ø 4.0 mm<br>Length 6.0 mm    | ø 5.0 mm<br>Length 6.0 mm    |

| Cable          |                 |                     | Cable ends   |                        |                       |    |    |                |                               |                               |
|----------------|-----------------|---------------------|--------------|------------------------|-----------------------|----|----|----------------|-------------------------------|-------------------------------|
| Cable diameter | Cable material  | Cable construction  | (01)<br>Loop | (02)<br>Loop & thimble | (03)<br>Threaded bolt |    |    | (04)<br>Eyelet | (05)<br>Cylindrical sleeve 13 | (06)<br>Cylindrical sleeve 07 |
|                |                 |                     |              |                        | M4                    | M5 | M6 |                |                               |                               |
| 1.0            | stainless steel | 6x7+1SE 1,570 N/mm² | •            | •                      | •                     | •  |    | •              | •                             | •                             |
|                | zinc plated     | 6x7+1SE 2,300 N/mm² | •            | •                      | •                     | •  |    | •              | •                             | •                             |
| 1.2            | stainless steel | 6x7+1SE 1,570 N/mm² | •            | •                      | •                     | •  |    | •              | •                             | •                             |
|                | zinc plated     | 6x7+1SE 2,300 N/mm² | •            | •                      | •                     | •  |    | •              | •                             | •                             |
| 1.5            | stainless steel | 6x7+1SE 1,570 N/mm² | •            | •                      | •                     | •  | •  | •              |                               | •                             |
|                | zinc plated     | 6x7+1SE 2,300 N/mm² | •            | •                      | •                     | •  | •  | •              |                               | •                             |
| 1.8            | stainless steel | 6x7+1SE 1,570 N/mm² | •            | •                      | •                     | •  | •  | •              |                               | •                             |
|                | zinc plated     | 6x7+1SE 2,300 N/mm² | •            | •                      | •                     | •  | •  | •              |                               | •                             |
| 2.0            | stainless steel | 6x7+1SE 1,570 N/mm² | •            | •                      |                       |    |    |                |                               | •                             |
|                | zinc plated     | 6x7+1SE 2,300 N/mm² | •            | •                      |                       |    |    |                |                               | •                             |

Table 2:  
Cables with cable ends (\* available)

Sleeves will be manufactured by swaging or injection molding. Swaged sleeves can also be manufactured with hexagonal shaft. Some stainless steel cables could also be supplied in 2,300 N/mm<sup>2</sup> strength.



|                                                  |                   |                                              |                                                |                                    |                                            |
|--------------------------------------------------|-------------------|----------------------------------------------|------------------------------------------------|------------------------------------|--------------------------------------------|
| 01                                               | 02                | 03                                           | 04                                             | 05                                 | 06                                         |
| <b>T-sleeve</b>                                  | <b>Ballsleeve</b> | <b>Wire eyelet</b>                           | <b>Wire hook</b>                               | <b>Wire hook with locking clip</b> | <b>Forged eyelet</b>                       |
| 02                                               | 36                |                                              |                                                |                                    |                                            |
| Head-ø 6.0 mm<br>Shaft-ø 3.5 mm<br>Length 8.5 mm | ø 6.0 mm          | for bolt-ø 7.0 mm<br>Safe working load 10 kg | Hook opening 4.0 mm<br>Safe working load 10 kg | Hook opening 4.0 mm                | for bolt-ø 8.0 mm<br>Complete length 45 mm |

| Cable          |                 |                                 | Cable ends             |                          |                     |                   |                                     |                       |
|----------------|-----------------|---------------------------------|------------------------|--------------------------|---------------------|-------------------|-------------------------------------|-----------------------|
| Cable diameter | Cable material  | Cable construction              | (07)<br>T-sleeve<br>02 | (08)<br>Ballsleeve<br>36 | (09)<br>Wire eyelet | (10)<br>Wire hook | (10)<br>Wire hook with locking clip | (12)<br>Forged eyelet |
| 1.0            | stainless steel | 6x7+1SE 1,570 N/mm <sup>2</sup> | •                      | •                        | •                   | •                 |                                     |                       |
|                | zinc plated     | 6x7+1SE 2,300 N/mm <sup>2</sup> | •                      | •                        | •                   | •                 |                                     |                       |
| 1.2            | stainless steel | 6x7+1SE 1,570 N/mm <sup>2</sup> | •                      | •                        | •                   | •                 | •                                   |                       |
|                | zinc plated     | 6x7+1SE 2,300 N/mm <sup>2</sup> | •                      | •                        | •                   | •                 | •                                   |                       |
| 1.5            | stainless steel | 6x7+1SE 1,570 N/mm <sup>2</sup> | •                      | •                        | •                   | •                 |                                     | •                     |
|                | zinc plated     | 6x7+1SE 2,300 N/mm <sup>2</sup> | •                      | •                        | •                   | •                 |                                     | •                     |
| 1.8            | stainless steel | 6x7+1SE 1,570 N/mm <sup>2</sup> | •                      | •                        |                     |                   |                                     | •                     |
|                | zinc plated     | 6x7+1SE 2,300 N/mm <sup>2</sup> | •                      | •                        |                     |                   |                                     | •                     |
| 2.0            | stainless steel | 6x7+1SE 1,570 N/mm <sup>2</sup> | •                      | •                        |                     |                   |                                     | •                     |
|                | zinc plated     | 6x7+1SE 2,300 N/mm <sup>2</sup> | •                      | •                        |                     |                   |                                     | •                     |

Table 3:  
Cables with cable ends (\* available)



Have we gotten you interested?  
Do you have questions concerning  
technical details?

Give us a call.

Please ask for further  
available brochures:

**Mini**  
holders & accessories  
Type 10, 12

**Heavy Duty**  
holders & accessories  
Type 25, 30, 50, 80

**Shop | Display**  
Shelving- and display-systems  
for shops

**Gallery**  
Suspension systems for galleries  
and exhnits

**Event Technology**  
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Type 50SV II and Type 80SV II

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