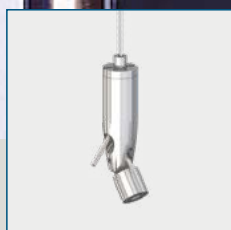
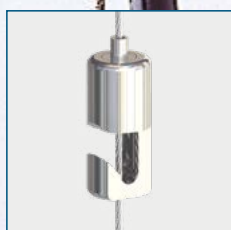


Mini

Type 10|12

- Lighting Fixtures
- Museums
- Interior Construction
- Shop Fittings



REUTLINGER[®]
systematic suspension

REUTLINGER – The only TÜV-certified holders

CERTIFICATE
No. Z1A 014229 0055 Rev. 00

Holder of Certificate: Reutlinger GmbH
Offenbacher Landstr. 190
60599 Frankfurt
GERMANY

Certification Mark:  

Product: Cable holders

Tested according to: PPP 52347B:2016
AIPS GS 2014:01 PAK 3.1

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: 713127896
Valid until: 2023-10-30

Date, 2018-12-05 
(Horst Kristen)

Page 1 of 3
TUV SUD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICAT • СЕРТИФИКАТ

TUV SUD **GS**

The TÜV-certificate –
a safety guarantee from REUTLINGER.

TÜV-certification

All REUTLINGER holders shown in
this catalogue have been certified

Holders type 10, type 12

Certificate-Nr.

Z1A 014229 0055 Rev. 00



REUTLINGER – 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.

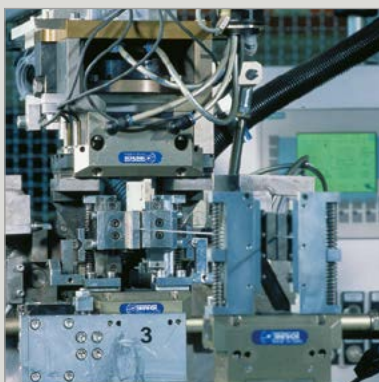
The highest and most compre-
hensive level of TÜV-testing is
GS-certification, denoting safe
equipment and recognizable by
the well-known blue TÜV/GS-sticker.

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 of safety confir-
med by the "TÜV Süd".





Product design with
3D-CAD-systems



Fully automatic cable-production
with testing

Loadable and flexible

Whether you're suspending light or small loads: 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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Cable clips	15

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REUTLINGER - Specialists for cable attachments and suspension



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.

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

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 330 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 automobile industry, sign- and shelf-manufacturers, galleries and museums – among our regular customers.

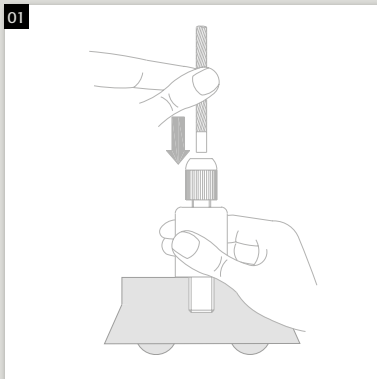
Customer demands – a constant incentive to innovate

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

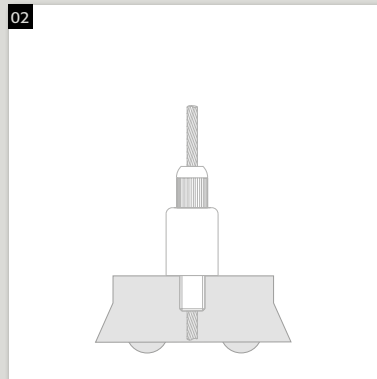


Adjusting without tools

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).

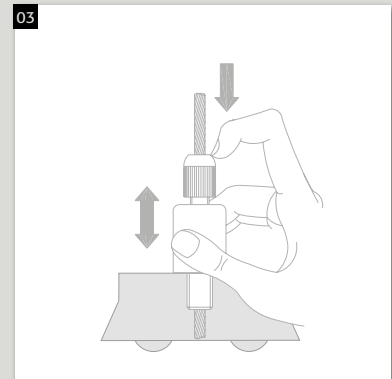


Inadvertent un-clamping through skewed loading or inattentiveness can no longer result in fallen loads.

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

Cables			Recommended cables & Safe Working Loads		
ø mm	Material	Construction	Serial number	Type 10	Type 12
0,45	Stainless steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	031.010.045	1,5 kg	
0,54	Stainless steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	031.010.054	2,5 kg	
0,63	Stainless steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	031.010.063	3,0 kg	4,0 kg
0,81	Stainless steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	031.010.081	7,0 kg	8,0 kg
	Steel zinc-plated silver	DIN EN 12385-4, 7x7, 2.300 N/mm ²	015.580.080	8,0 kg	9,0 kg
1,00	Stainless steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	031.010.101	10,0 kg	10,0 kg
	Steel zinc-plated silver	DIN EN 12385-4, 7x7, 2.300 N/mm ²	015.580.111	11,0 kg	13,0 kg
1,20	Stainless steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	031.010.121		15,0 kg
	Steel zinc-plated silver	DIN EN 12385-4, 7x7, 2.300 N/mm ²	015.580.121		17,0 kg

Chart 1: Recommended cables and Safe Working Loads

Holder type 10

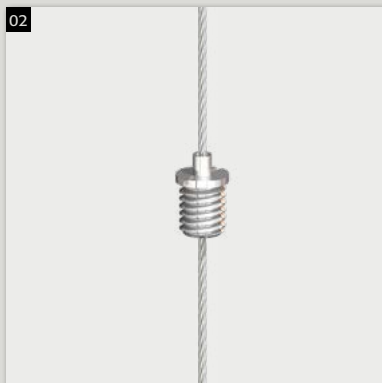
Cable diameter 0.45 mm and 1.0 mm (all illustrations to scale)

Central
cable exit



01
Holder type 10
M6x8

Diameter	6 mm
Length	8 mm
Coupling thread	M6
Thread length	8 mm
Art. no.	193.008.000



02
Holder type 10
M6x7 A7

Diameter	7 mm
Length	8 mm
Coupling thread	M6
Thread length	7 mm
Art. no.	193.008.005



03
Holder type 10
Hook

Diameter	9 mm
Length	20 mm
Art. no.	193.008.001



04
Holder type 10
fork M4x8 with safety bolt

Diameter	8 mm
Length	23 mm
Fork width	4 mm
Art. no.	193.008.002



05
Holder type 10
ball ø 9

Diameter	9 mm
Art. No.	193.008.003



Holder in use
(luminaire by TAL)

Lateral cable exit



01 Holder type 10ZW M4x4

Diameter	7 mm
Length	19 mm
Coupling thread	M4
Usable thread depth	4 mm
Art. No.	193.008.007

Holder type 10ZW M3x4

Diameter	7 mm
Length	19 mm
Coupling thread	M3
Usable thread depth	4 mm
Art. No.	193.008.011



02 Holder type 10ZW M4x4 slit 1.2 mm with set-screw M4x4

Diameter	7 mm
Length	19 mm
Art. No.	193.008.006

Holder type 12

Cable diameter 1.0 and 1.2 mm (all illustrations to scale)

Central
cable exit



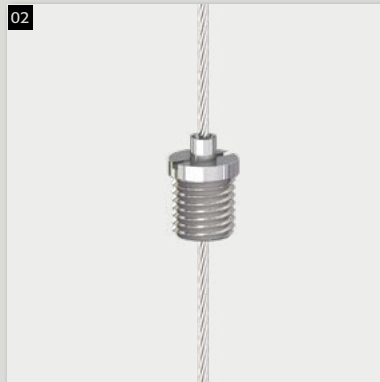
01

Holder type 12 M8x10

Diameter	8 mm
Length	10 mm
Coupling thread	M8
Thread length	10 mm
Art. No.	193.000.098

Holder type 12V M8x10 with knurled safety-nut M3

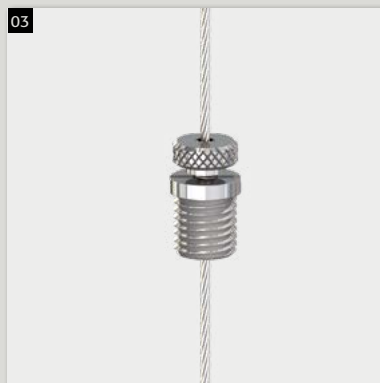
Diameter	8 mm
Length	10 mm
Coupling thread	M8
Thread length	8 mm
Art. No.	193.000.766



02

Holder type 12 M8x1 A9

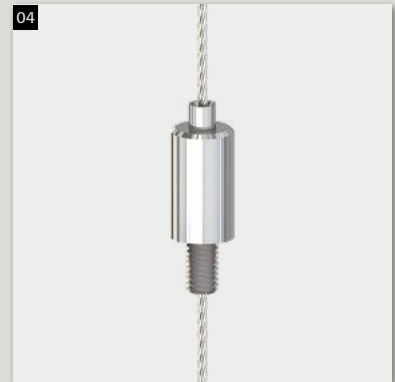
Diameter	9 mm
Length	10 mm
Coupling thread	M8x1
Thread length	8 mm
Art. No.	193.000.139



03

Holder type 12 M8x1 A9 with knurled safety-nut M3

Diameter	9 mm
Length	10 mm
Coupling thread	M8x1
Thread length	8 mm
Art. No.	193.000.137



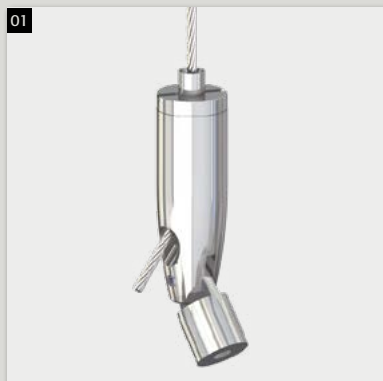
04

Holder type 12 M4x7 o.R.

Diameter	8 mm
Length	21 mm
Coupling thread	M4
Thread length	6 mm
Art. No.	193.000.134

Holder type 12 M4x7 m. LR

Diameter	8 mm
Length	21 mm
Coupling thread	M4
Thread length	6 mm
Art. No.	193.000.133

**Lateral
cable exit**

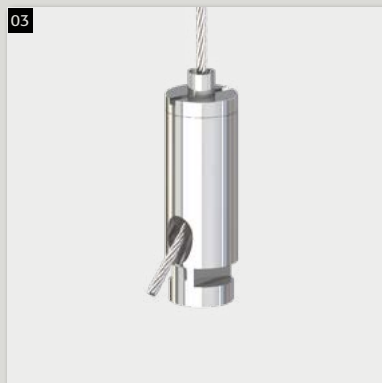
01
Holder type 12 ZW
hinged M3i

Diameter	9 mm
Length	32 mm
Coupling thread	M3i, M4i, M5i
Usable thread depth	4 mm
M3i Art. No.	193.002.075
M4i Art. No.	193.000.798
M5i Art. No.	193.000.887



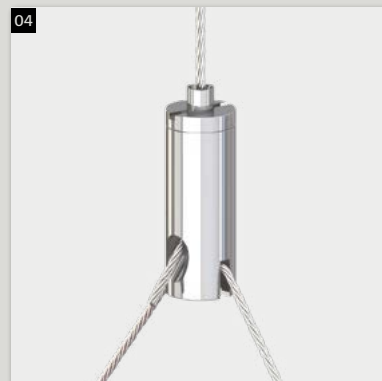
02
Holder type 12 ZW
M3ix4

Diameter/Length	9/24 mm
Coupling thread	M3i, M4i, M5i
Usable thread depth	4 mm
M3i Art. No.	193.000.281
M4i Art. No.	193.000.142
M5i Art. No.	193.001.722



03
Holder type 12 ZW-NK
with lateral cable exit

Diameter/Length	8/26 mm
Flange width/depth from	3,5/8 mm
Flange height	2.5 mm
Art. No.	193.000.143



04
Y-Holder type 12 ZW
M4ix4 Slit 1.6 mm
with set-screw Mx6

Diameter	9 mm
Length	24 mm
Slit	1.6 mm
Art. No.	193.000.136

Y-Holder type 12 ZW
M4ix4 Slit 1.6 mm
with set-screw M4

Art. No.	193.000.777
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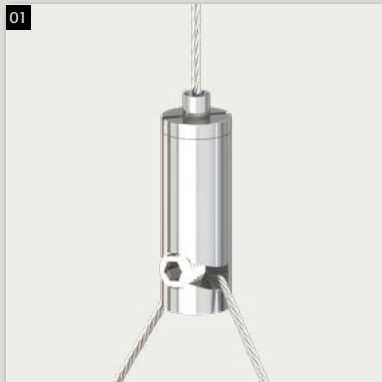
Y-Holder type 12 ZW
M4ix4 lateral bore ø 1.6 mm
with set-screw M4

Art. No.	193.000.763
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Holder type 12

Cable diameter 1.0 and 1.2 mm (all illustrations to scale)

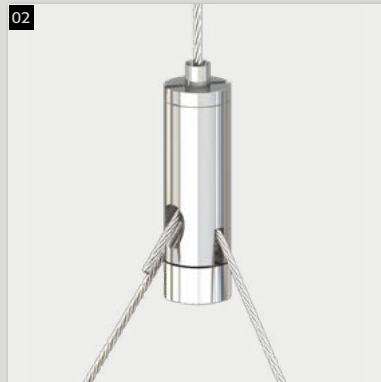
Lateral cable exit



01
Y-Holder type 12 ZW RS
with countersunk groove and
set-screw M5x4

Diameter	9 mm
Length	25 mm
Groove-ø	3 mm
Art. No.	193.006.331

German utility patent
20.2007 008 350.5



02
Y-Holder type 12 ZW
M8x1 with Y-docking part Type 12
M4x4 slit 1,6 mm and set-screw
M4x15x5

Diameter	9 mm
Length	29 mm
Art. No.	193.000.894

Special versions



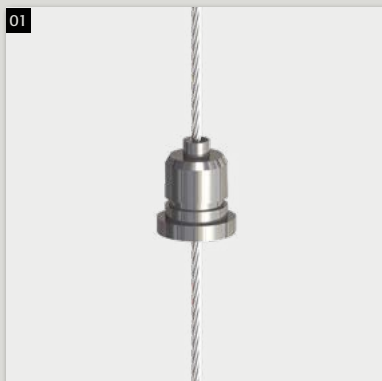
03
Insulation holder type 12
on low-voltage power feed
nickel plated

for cable diameter	1.0 - 1.2 mm
with and without insulating	
Length	10 mm
Diameter	9 mm
Art. No.	193.002.040



04
Holder type 12
ball ø 12

Diameter	12 mm
Art. No.	193.000.017



01

Holder type 12 N7x10

To attach securing- or clamping-plates

Diameter	8 mm
Diameter	10 mm
Groove-ø	7 mm
Groove height	1 mm
Length	10 mm
Art. No.	193.000.135



02

Holder type 12 M8x1 A9 with fork 5x10 and safety-bolt

Diameter	10 mm
Length	28 mm
Fork width	5 mm
Fork length	16 mm
bolt-ø	5 mm
Art. No.	193.000.141



03

Holder Type 12 ZW NK M4 with flat hexagon nut M8x1

Diameter	8 mm
Length	29,7 mm
Wrench size	12x3 mm
Art. No.	193.006.239

Y-coupling parts



04

Combination Y-coupling part M5x5 with Slit and set-screw M5x6

for cable-ø 1,0 -1,5 mm

Diameter	6 mm
Length	17 mm
Thread length	5 mm
Art. No.	193.000.028



05

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

for cable-ø 1,0 -1,5 mm

Diameter	6 mm
Length	17 mm
Thread length	5 mm
Art. No.	193.000.898

Accessories | Ceiling attachments

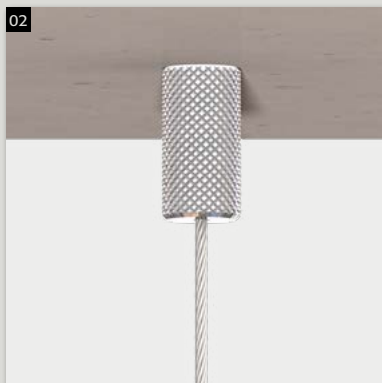
Single piece ceiling attachments



01

Ceiling attachment M6i o.R. SW7

Diameter	8 mm
Length	20 mm
Coupling thread	M6i
Wrench opening	7 mm
Art. No.	029.004.078

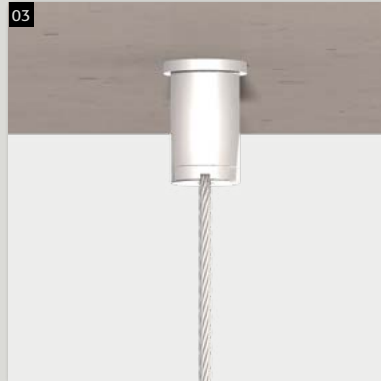


02

Ceiling attachment M6i m.R.

Diameter	10 mm
Length	20 mm
Coupling thread	M6i
Art. No.	029.006.200

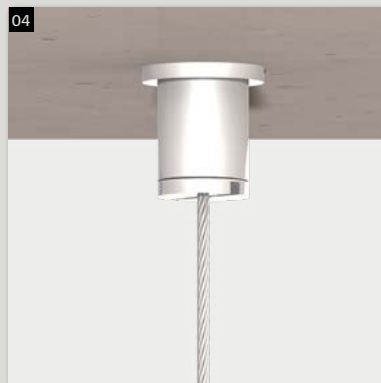
Two-piece ceiling attachments



03

Ceiling attachment M8x1

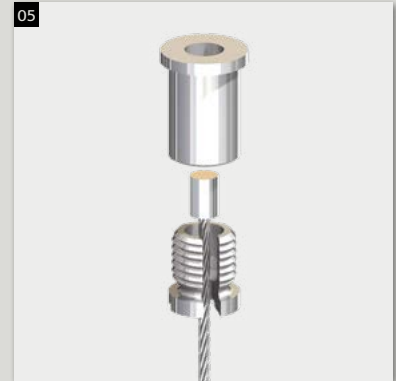
Flange diameter	11 mm
Diameter	9 mm
Length	14 mm
Coupling thread	M8x1
with M6i Art. No.	193.001.380



04

Ceiling attachment M10x1

Flange diameter	16 mm
Diameter	12 mm
Length	115 mm
Coupling thread	M10x1
with M6i Art. No.	193.000.116

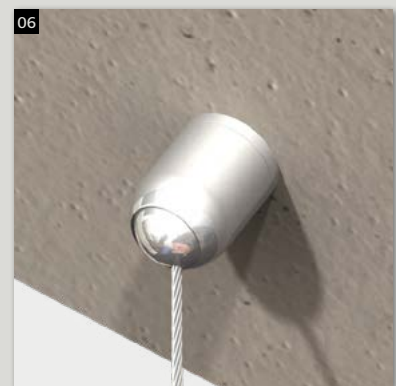


05

Screw cap M8x1 ›Quick‹ with Slit

Length	10 mm
Coupling thread	M8x1, M10x1
Thread length	8 mm
M8x1 Art. No.	029.005.732
M10x1 Art. No.	029.005.705

German utility patent
20.2004 005 788.3



01

Ball joint ceiling attachment small, 360 °

Diameter	16 mm
Length	12 mm
Coupling thread	M6i
Art. Nr.	193.003.177



01
**Ball joint ceiling attachment
big**

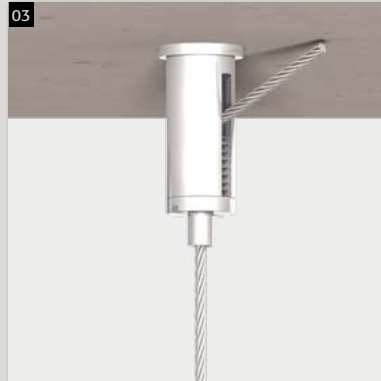
Diameter	24 mm
Length	28 mm
Slit width	4,5 mm
Art. No.	193.000.170



02
**Ball joint ceiling attachment
small**

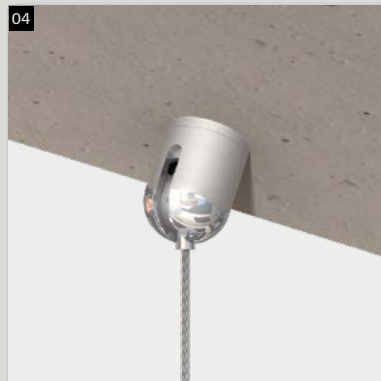
Diameter	16 mm
Length	22 mm
Slit width	2,1 mm
Art. No.	193.000.177

Ceiling holder



03
**Ceiling attachment M8x1
with Slit and Holder Type 12
M8x1 A9**

Diameter	11 mm
Length	22 mm
Coupling thread	M8x1
Thread length	8 mm
Art. No.	193.000.819



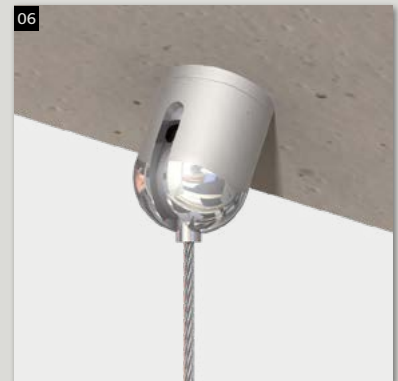
04
**Ball joint ceiling attachment
Type10**

Diameter	11 mm
Length	14.5 mm
Coupling thread	M6i
Art. No.	193.008.004



05
**Ceiling attachment M10x1
with Slit and Holder Type 15
M10x6 A**

Diameter	16 mm
Length	24 mm
Anschlussgewinde	M10x1
Thread length	12 mm
Art. No.	193.000.427



06
**Ball joint ceiling attachment
Type12**

Diameter	16 mm
Length	22 mm
Coupling thread	M6i
Art. No.	193.000.207

Further solutions
by request!

Accessories | Cable ends

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



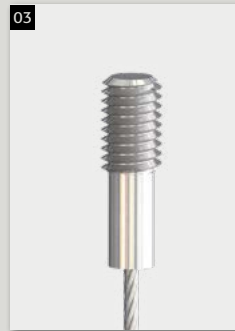
01
Loop

Dimensions according to drawing



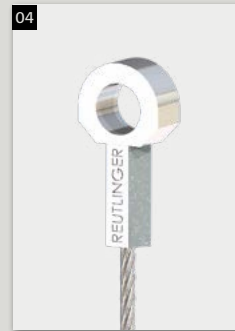
02
Loop & thimble

Dimensions according to drawing



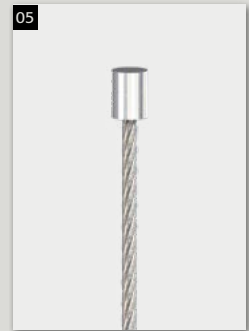
03
Threaded bolt

Dimensions according to drawing, M4, M5



04
Eyelet

for bolts- \varnothing 5.0 mm



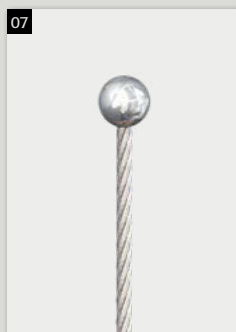
05
Cylinder sleeve

Dimensions according to drawing



06
T-sleeve 02

Head- \varnothing 6.0 mm
Length 8.5 mm



07
Ball-sleeve

\varnothing 3.0 to 6.0 mm



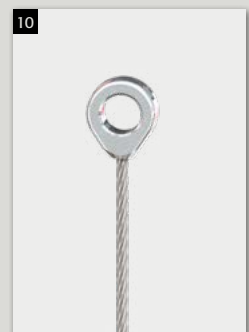
08
Wire eyelet

for bolts- \varnothing 6.0 mm
Max. WLL 10 kg



09
Wire hook

hook opening 4.0 mm



10
Z-eyelet \varnothing 5mm

\varnothing 1.2 mm
Length 10.0 mm

Cables				Terminals (cable ends)									
\varnothing mm	Material	Surface	Construction	Illustration									
				1	2	3	4	5	6	7	8	9	10
0,45	Stainless Steel	Stainless Steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	○				○					
0,54	Stainless Steel	Stainless Steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	○				○					
0,63	Stainless Steel	Stainless Steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	○				○					
0,81	Stainless Steel	Stainless Steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	●	●	●	●	●	●	○	●	●	
	Steel	Silver zinc-plated	DIN EN 12385-4, 7x7, 2.300 N/mm ²	●	●	●	●	●	●	○	●	●	
1,00	Stainless Steel	Stainless Steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	●	●	●	●	●	●	●	●	●	●
	Steel	Silver zinc-plated	DIN EN 12385-4, 7x7, 2.300 N/mm ²	●	●	●	●	●	●	●	●	●	●
1,20	Stainless Steel	Stainless Steel	DIN EN 12385-4, 7x7, 1.570 N/mm ²	●	●	●	●	●	●	●	●	●	●
	Steel	Silver zinc-plated	DIN EN 12385-4, 7x7, 2.300 N/mm ²	●	●	●	●	●	●	●	●	●	●

Chart 2: Cables and cable-ends (● = available, ○ = on demand)

Cables for Holders

1. Materials and coatings

Cables are available in two degrees of durability

- 1.1. galvanized steel for normal indoor use;
- 1.2. stainless steel for exterior use and decorative requirements

2. Specific cable strength

Along with the standard strength cables with 1,570 N/mm² we also offer high-tensile- strength cables with up to 2,400 N/mm². With these you get a higher system strength with the same cable diameter.

3. Cable construction

The new cables for Holders are all very flexible, no matter what construction. Therefore we normally offer only 6x7+WSC (aka 7x7). Should cables have to run on wheels, a special solution must be found.

4. Cable diameter

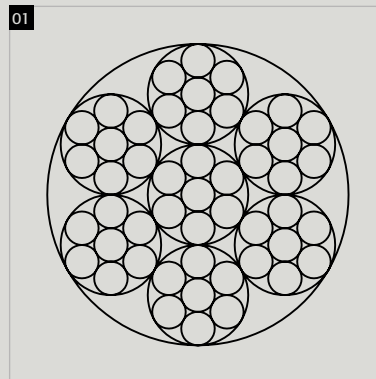
REUTLINGER offers cables from 0.8 mm to 1.2 mm suitable for Holders.

5. Use of other cables

REUTLINGER cables are free of tension, stress-free, not twisted and cut-proofed. When using other cables take care that cutting does not untwist the cable, because it's possible that they will not fit into the holder after they have been tinned.

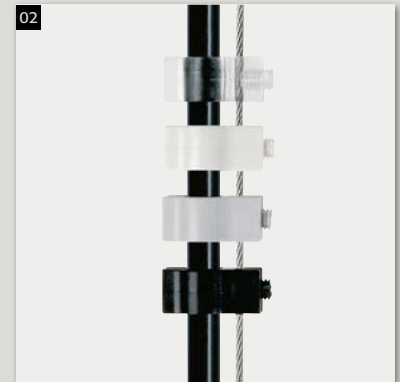
6. Individual solutions

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



01 DIN EN 12385-4 6x7+1WSC

Attaching power-feeds to cables



02 Cable clip ›Flex Plus small‹

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

Cable clip ›Flex Plus large‹

Power-feed-ø	7.0 - 10.5 mm
cable-ø	1.0 - 2.0 mm
Colour	Art. No.
black	029.006.592
white	029.006.590
grey	029.006.593
transparent	029.006.594

Cable clip ›Flex Standard‹

Power-feed-ø	6.0 - 8.0 mm
Cable-ø	1.0 - 1.6 mm
Colour	Art. No.
black	029.005.124
white	029.005.123
transparent	029.005.249



**Please request
the following catalogs:**

Mini Holders & Accessories
Type 10, 12

Standard
Holders & Accessories
Type 15, 18, 20

Heavy Duty
Holders & accessories
Type 25, 30, 50, 66, 80

Shop | Display
Presentation – and Shelving –
Systems for retail applications

Gallery
Suspension systems for
galleries and exhibits

Event Technology
Holders and Accessories
Type 50 SV III, Type 66 SV III,
Type 80 SV III

Current-Carrying Suspensions
Suspension of Luminaires,
Lightboxes, Displays and Other
Objects

Have we gotten you interested?
Do you have questions concerning
technical details? Please give us a
call!

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