



# CABLE HOLDER AND SUSPENSION SYSTEMS

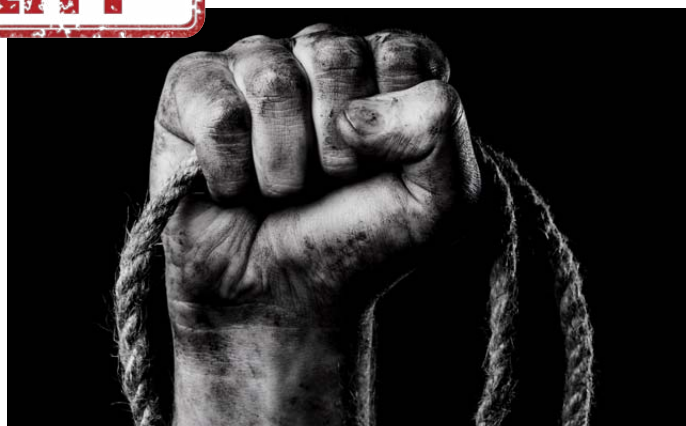
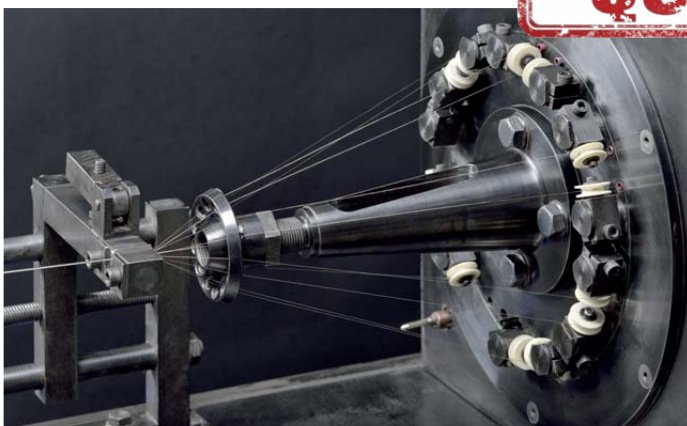


## Carl Stahl TECHNOCABLES - We guarantee quality, service and performance

The Carl Stahl TECHNOCABLES GmbH, member of the Carl Stahl Group, has been working with technical ropes and strands for decades and is today one of the world's market leaders in this field.

As a traditional German company, we place the highest value on quality. Utilizing our many years of experience in the field of wire rope technology we are constantly developing new products and solutions for a wide variety of industrial applications.

For users in the field of ceiling suspensions, lights, fall arresters, acoustic elements, interior design, etc. we develop, produce and deliver suspension systems and their accessories. The Carl Stahl TECHNOCABLES team is always at your disposal.





## CABLE HOLDER for rope –Ø 1,0 mm – 1,8 mm

- Stepless adjustment
- Installation without tools
- Time-saving installation



## SUSPENSION CABLES

- Many standard lengths & diameters in stock
- Of course we also produce ropes and cables individually according to your requirements.



## COMPLETE ROPE SUSPENSION SETS

- Rope suspension sets can be adapted individually to your requirements.





## Female thread with lateral run out

Diameter: 10 mm  
Length: 33 mm  
Thread depth: 7 mm

### Item no.:

M6 = SL000151  
M5 = SL000153  
M4 = SL000154



## Male thread with lateral run out

Diameter: 10 mm  
Length: 41 mm  
Thread length: 8 mm

### Item no.:

M6 = SL000155  
M5 = SL000156



## Male thread straight run out

Diameter: 10 mm  
Length: 28 mm  
Thread length: 8 mm

### Item no.:

M6 = SL000161  
M5 = SL000162



## LOOP for quick production of a rope loop

Width: 20 mm  
Length: 20 mm

### Item no.:

SL000167

## with locknut



### Item no.:

M6 = SL000177\*  
M5 = SL000178\*  
M4 = SL000179\*

## with locknut



### Item no.:

M6 = SL000180\*  
M5 = SL000181\*

## with locknut



### Item no.:

M6 = SL000182\*  
M5 = SL000183\*

## with locknut



### Item no.:

SL000187\*

## HINTS

All cable holders are shown approximately in original size, unless otherwise specified. All cable holders are made of **nickel plated brass**.

Other surfaces, depending on quantity, are possible.

All cable holders are **TÜV-Süd certified**.



# CABLE HOLDER

## SUITABLE COUPLING PARTS FOR OUR CABLE HOLDERS WITH M6 - MALE THREAD



### Snap hook straight run out safety latch

Opening: 7 mm  
Length: 28 mm

**Item no.:**  
SL000172



### Eyelet straight run out

Ø-Ring outside: 24 mm  
Ø-Ring inside: 14 mm  
Length: 28 mm

**Item no.:**  
SL000173



### 3-Cable branching straight run out Suitable ropes page 11

Diameter: 14 mm  
Length: 16 mm

**Item no.:**  
SL000158



### 4-Cable branching straight run out Suitable ropes page 11

Diameter: 14 mm  
Length: 16 mm

**Item no.:**  
SL000157

with locknut



**Item no.:**  
SL000193\*



### Busbar clip holder straight run out

Groove width: 1 mm  
possible sheet  
thickness: 1 mm  
Diameter: 10 mm  
Length: 17 mm

**Item no.:**  
SL000192



### Mounting clip for NORDIC busbar

Bore: 10 mm  
Width: 28 mm  
Height: 10 mm  
Length: 30 mm

**Item no.:**  
SN000115



### Hook straight run out safety latch

Diameter: 10.8 mm  
Length: 48.8 mm

**Item no.:** SL000121



Please consider the workload table on page 9



## Swivel head male thread with lateral run out

Swiveling about 180°  
Diameter: 10 mm  
Length: 46 mm  
Thread length: 8 mm

### Item no.:

M6 = SL000168  
M5 = SL000169



## Swivel head female thread with lateral run out

Swiveling about 180°  
Diameter: 10 mm  
Length: 44 mm  
Thread length: 7 mm

### Item no.:

M6 = SL000170  
M5 = SL000171



## Cable holder for Y-suspension with slit with lateral run out with slit and knurled screw

Diameter: 10 mm  
Length: 37 mm

### Item no.:

SL000163



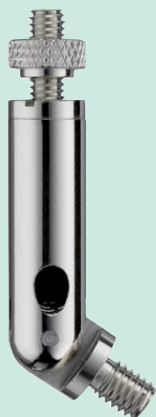
## Cable holder for Y-suspension with bore with lateral run out with bore and knurled screw

Diameter: 10 mm  
Length: 37 mm

### Item no.:

SL000164

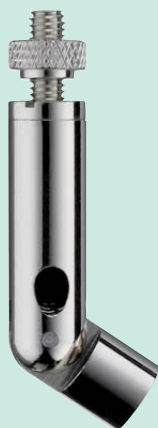
### with locknut



### Item no.:

M6 = SL000188\*  
M5 = SL000189\*

### with locknut



### Item no.:

M6 = SL000190\*  
M5 = SL000191\*

### with locknut



### Item no.:

SL000184\*

### with locknut



### Item no.:

SL000185\*



# CABLE HOLDER



## Ceiling attachment M13x1 Female thread

Bore in the bottom: Ø 7 mm  
Collar diameter: 20 mm  
Ø-Sleeve: 16 mm  
Length: 22 mm

**Item no.:**  
SL000175



## Ceiling attachment M12x1 Female thread with slot 2.5 mm

Bore in the bottom: Ø 5 mm  
Collar diameter: 18 mm  
Ø-Sleeve: 14 mm  
Length: 29 mm

**Item no.:**  
SL000166



## Ceiling attachment M10x1 Female thread

Thread in the bottom: M6  
Collar diameter: 16 mm  
Ø-Sleeve: 12 mm  
Length: 18 mm

**Item no.:**  
SL000159



## Ceiling attachment M13x1 Male thread with straight run out

For width across flat: 14  
Collar diameter: 16 mm  
Length: 14 mm

**Item no.:**  
SL000176



## Immersible M12x1 Male thread with straight run out

Collar diameter: 14 mm  
Length: 18 mm

**Item no.:**  
SL000165



## Ceiling attachment M10x1 Male thread with straight run out

Collar diameter: 12 mm  
Length: 13 mm

**Item no.:**  
SL000160



## Ceiling attachment M13x1

Swiveling about 180° for sloped ceilings  
Head diameter: 16 mm  
Length: 19 mm

**Item no.:**  
SL000174

with locknut



**Item no.:**  
SL000186\*

## You haven't found your cable holder?

### Feel free to contact us!

Depending on project and quantity  
we develop together with you your  
specific cable holder.

+49 (0) 7162 9443-0  
+49 (0) 7162 9443-001  
technocables@carlstahl.com  
www.carlstahl-technocables.com

Of course TÜV-Süd certified



All our cable holders are of course TÜV-Süd certified.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認 證 證 書 ◆ CERTIFICADO ◆ CERTIFICAT

  
 Product Service

## ZERTIFIKAT

**Nr. B 18 05 72400 001**

**Zertifikatsinhaber:** **Carl Stahl Technocables GmbH**  
 Tobelstr. 2  
 73079 Süssen  
 DEUTSCHLAND

**Prüfzeichen:**



**Produkt:** **Drahtseilhalter  
Befestigungs- und Anbauteile**

Das Produkt wurde auf freiwilliger Basis auf die Einhaltung der grundlegenden Anforderungen geprüft und kann mit dem oben abgebildeten Prüfzeichen gekennzeichnet werden. Eine Veränderung der Darstellung des Prüfzeichens ist nicht erlaubt. Die Übertragung eines Zertifikates durch den Zertifikatsinhaber an Dritte ist unzulässig. Umseitige Hinweise sind zu beachten.

**Prüfbericht Nr.:**

028-713122347-001

**Gültig bis:**

2023-05-23

**Datum,** 2018-05-25  
Seite 1 von 9

  
 ( Armin Saurer )



TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

**TÜV®**

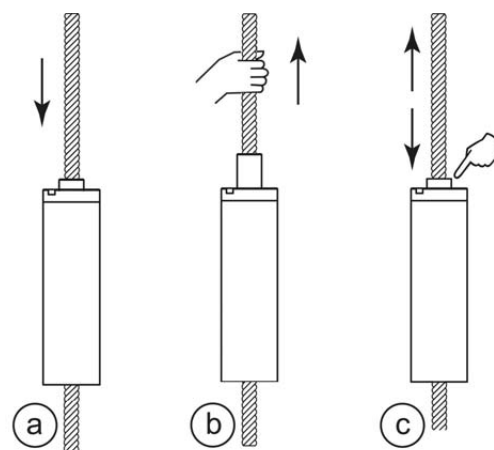


# CABLE HOLDERS / SUSPENSION ROPES

## Installation of cable holders

- Screw in the cable and lightly press the button.
- Feed the cable to the desired position. It will lock automatically with a slight pull.
- The cable may be released by pressing the button and the cable holder may be adjusted freely on the cable.

Download detailed instruction manual under:  
<https://www.carlstahl-technocables.com/downloads.html>



## Specification standard suspension ropes

Nominal tensile strength	= 1570 N/mm <sup>2</sup> (stainless steel) & 2400 N/mm <sup>2</sup> (galvanized steel)
Material	= Stainless steel or galvanized steel
Construction	= 6x7- WSC
End terminal	= Zinc die-cast or pressed out of brass, stainless steel or galvanized steel
Open rope end	= Thermally welded

Suspension cables must not be oiled or greased! For ropes with different specification, we don't extend warranty.

## Working load, rope types and rope diameters

Rope – Ø (mm)	Ø 1.00	Ø 1.20	Ø 1.50	Ø 1.80
Galvanized steel, 6x7-WSC	SE000491	SE000492	SE000494	SE000496
Max. working load (kg)	10 kg	15 kg	22 kg	28,5 kg
Stainless steel rope, 1.4401 (AISI 316), 6x7-WSC	SE000497	SE000498	SE000499	SE000500
Max. working load (kg)	7 kg	10 kg	19 kg	24 kg

## Working load, rope types and rope diameters for cable holder SL000121

Rope – Ø (mm)	Ø 1.00	Ø 1.20	Ø 1.50	Ø 1.80
Galvanized steel, 6x7-WSC	-	SE000492	SE000494	SE000496
Max. working load (kg)	-	13 kg	17 kg	26.5 kg

Working load of cable holders is specified with safety factor 5:1!

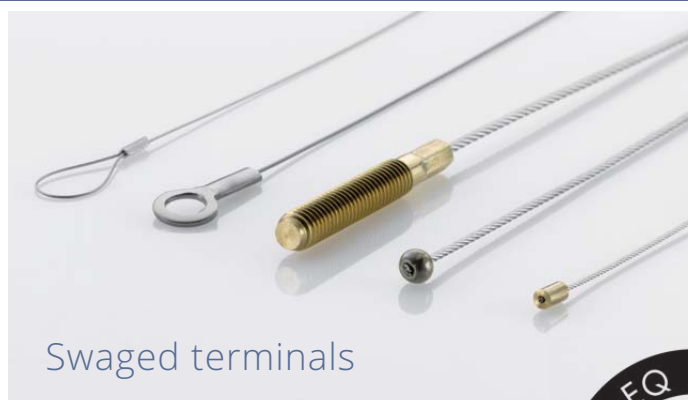
## Everything from one single source: Carl Stahl TECHNOCABLES

As a wire rope manufacturer with our own cable factory and assembly shop with experience since 1885, we are your expert in the field of steel cables and their applications.

In conjunction with our cable holders, we process ropes in the diameter range 1.0 - 1.8 mm. You choose from the materials stainless steel or galvanized steel. Other materials are available on request.

By this you will receive **complete rope suspension solutions** from Carl Stahl Technocables, consisting of pre-assembled ropes & cable holders, on request also packed as a complete set.

Basically, you can choose from the following types of rope end terminals:



Swaged terminals



Die-cast terminals



# PRE-ASSEMBLED SUSPENSION CABLES



**Cable with ball Ø 6 mm  
cable - Ø 1.2 mm,  
galvanized steel**

Length in mm	Item no.
1,500	TC004305
3,000	TC004990

Any other length also available



**Cable with ball Ø 3.5 mm  
cable - Ø 1.2 mm, galvani-  
zed steel for 3- and 4- cable  
branching**

Length in mm	Item no.
500	TC004709
1,000	TC004710

Any other length also available



**Cable with sleeve Ø 5 x L 7  
mm cable - Ø 1.5 mm,  
galvanized steel**

Length in mm	Item no.
1,500	TC005122
3,000	TC005123

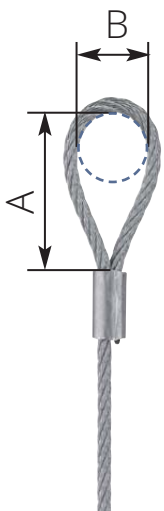
Any other length also available



**Cable with sleeve Ø 4 x L 4  
mm cable - Ø 1.5 mm,  
galvanized steel**

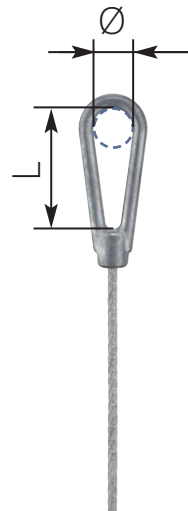
Length in mm	Item no.
1,500	TC004151
3,000	TC004152

Any other length also available



**Cable with soft eye  
cable - Ø 1.5 mm, galvani-  
zed steel**

Please indicate bolt - Ø and  
measure B according to your  
requirements. The dimension A is  
about twice as large as measure B.

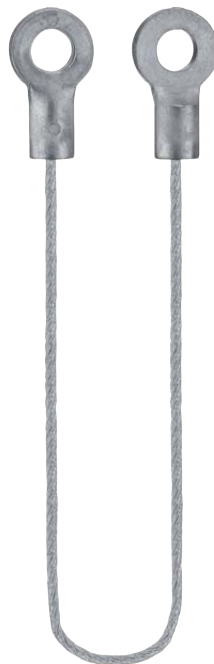


**Rope with eye  
zinc diecast  
cable - Ø 1.2 mm, galvanized  
bolt - Ø max.: 5.0 mm  
Length max.: 15.5 mm**

# PRE-ASSEMBLED SUSPENSION CABLES



Rope with drawbar eye  
Ø - inside 5.1 mm  
cable - Ø 1.2 mm,  
galvanized steel



Rope with 2 x eyelet  
Ø - inside 5.4 mm  
cable - Ø 1.5 mm,  
galvanized steel



Cable with thread M6x10  
cable - Ø 1.5 mm,  
galvanized steel



**SPECIAL** - spring rope with soft eyes  
cable - Ø 1.6 mm,  
stainless steel

Length in mm	Item no.
500	TC004656

Any other length also available

## You haven't found your cable?

### Feel free to contact us!

Depending on project and quantity we develop together with you your specific cable.

- +49 (0) 7162 9443-0
- +49 (0) 7162 9443-001
- technocables@carlstahl.com
- www.carlstahl-technocables.com

# READY ASSEMBLED SUSPENSION SETS



## You haven't found your combination?

### Feel free to contact us!

Depending on project and quantity we develop together with you your specific suspension set.

- +49 (0) 7162 9443-0
- +49 (0) 7162 9443-001
- [technocables@carlstahl.com](mailto:technocables@carlstahl.com)
- [www.carlstahl-technocables.com](http://www.carlstahl-technocables.com)



# EXAMPLES OF USE



SL000155  
combined with SL000172



SL000161  
combined with SL000173

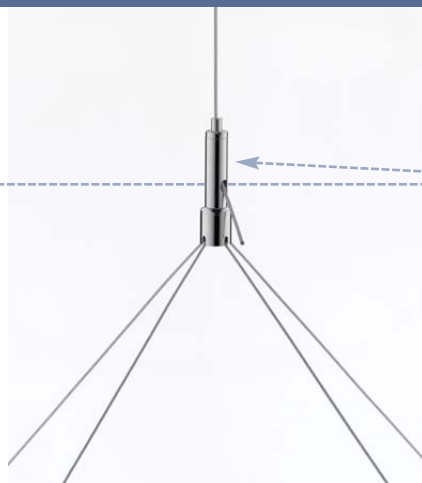
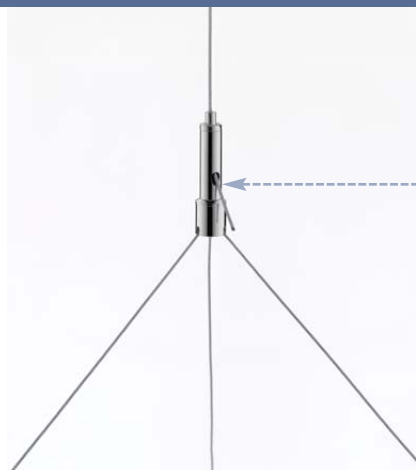


SL000155  
combined with SL000173

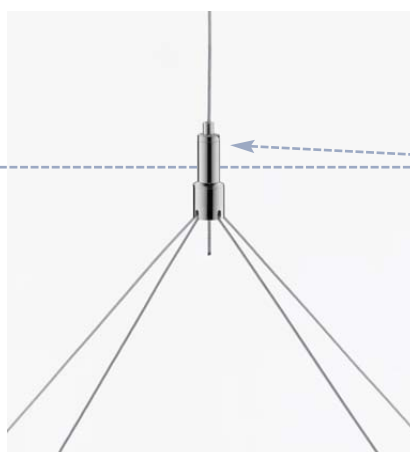


SL000161  
combined with SL000172

## Three and four cable branching in action...




SL000155 combined with  
SL000158 & SL000157



SL000161 combined with  
SL000158 & SL000157

# EXAMPLES OF USE





**Development, manufacturing  
and consultation from one source:  
Carl Stahl TECHNOCABLES**

**Carl Stahl TECHNOCABLES GmbH**

Tobelstraße 2

73079 Süßen / Germany

+49 (0) 71 62 94 43 - 0  
+49 (0) 71 62 94 43 - 001  
technocables@cstechnocables.com  
www.carlstahl-technocables.com



**CarlStahl®**  
**TECHNOCABLES**