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.

Application examples can be found on pages 14 and 15.
CABLE HOLDER

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*

Item no.:
- M6 = SL000180*
- M5 = SL000181*

Item no.:
- M6 = SL000182*
- M5 = SL000183*

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.
**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

**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

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*available on request

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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

*available on request
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 4007-2280
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*available on request
All our cable holders are of course TÜV-Süd certified.

Download the complete certificate under: www.carlstahltechnocables.com/download
CABLE HOLDERS / SUSPENSION ROPES

Installation of cable holders

a) Screw in the cable and lightly press the button.
b) Feed the cable to the desired positon. It will lock automatically with a slight pull.
c) 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/mm² (stainless steel) & 2400 N/mm² (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

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

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

<table>
<thead>
<tr>
<th>Rope – Ø (mm)</th>
<th>Ø 1.00</th>
<th>Ø 1.20</th>
<th>Ø 1.50</th>
<th>Ø 1.80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanized steel, 6x7-WSC</td>
<td>-</td>
<td>SE000492</td>
<td>SE000494</td>
<td>SE000496</td>
</tr>
<tr>
<td>Max. working load (kg)</td>
<td>-</td>
<td>13 kg</td>
<td>17 kg</td>
<td>26.5 kg</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Length in mm</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,500</td>
<td>TC004305</td>
</tr>
<tr>
<td>3,000</td>
<td>TC004990</td>
</tr>
</tbody>
</table>

Any other length also available

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

<table>
<thead>
<tr>
<th>Length in mm</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>TC004709</td>
</tr>
<tr>
<td>1,000</td>
<td>TC004710</td>
</tr>
</tbody>
</table>

Any other length also available

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

<table>
<thead>
<tr>
<th>Length in mm</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,500</td>
<td>TC005122</td>
</tr>
<tr>
<td>3,000</td>
<td>TC005123</td>
</tr>
</tbody>
</table>

Any other length also available

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

<table>
<thead>
<tr>
<th>Length in mm</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,500</td>
<td>TC004151</td>
</tr>
<tr>
<td>3,000</td>
<td>TC004152</td>
</tr>
</tbody>
</table>

Any other length also available

Cable with soft eye
cable - Ø 1.5 mm, galvanized 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

<table>
<thead>
<tr>
<th>Length in mm</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>TC004656</td>
</tr>
</tbody>
</table>

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.

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- www.carlstahl-technocables.com
You haven’t found your combination?

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EXAMPLES OF USE

Three and four cable branching in action...

SL000155 combined with SL000172
SL000161 combined with SL000173
SL000155 combined with SL000173
SL000161 combined with SL000172
SL000155 combined with SL000158 & SL000157
SL000161 combined with SL000158 & SL000157
EXAMPLES OF USE

Y-cable holder with slit and lock nut

Suspension for NORDIC - conductor rail

Y-cable holder with bore

LOOP – for the swift creation of a loop
Development, manufacturing and consultation from one source: Carl Stahl TECHNOCABLES