

# Cable Suspensions for Event Technology & Rigging

01/2019 

## REUTLINGER Type 50 SV III, 66 SV III, 80 SV III

- time-saving
- simple use without tools
- infinitely adjustable



**The complete range of "TÜV-GS"-certified cable approved for use within the scope of accident prevention regulation "DGUV Regulation 17" (formerly "BGV C1")**

REUTLINGER<sup>®</sup>  
systematic suspension



# The Original

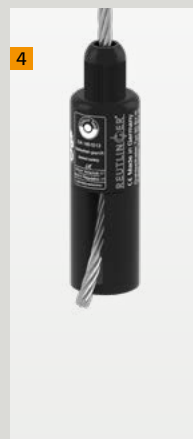
## REUTLINGER cable grippers for event technology & rigging

These grippers – developed in cooperation with the industry's top experts – provide you with various crucial advantages:

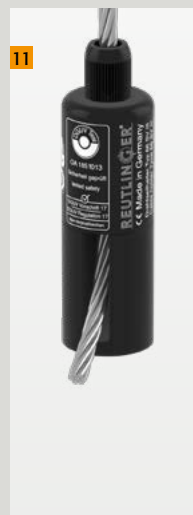


- **One hand is sufficient**  
The grippers are installed wholly without tools and are infinitely adjustable.
- **Complete integration into the stage setting**  
Due to the non-reflecting black zinc coating the grippers are barely visible in stage- and fair-booth applications.
- **Secure load suspension**  
Within the scope of standard DGUV Regulation 17 (BGV C1), the grippers can be loaded from 60 to 240 kg with 10-fold safety-factor.

### Holder type 50 SV III - The range for 4.0 mm and 5.0 mm cables



### Holder Type 66 SV III - The range for 5.0 mm, 6.0 mm and 6.35 mm (1/4 inch) cables



### Holder type 80 SV III - The range for 6.0 mm, 6.35 mm (1/4 inch) and 8.0 mm cables





### Holder Type 50 SV III

- 1** Type 50 SV III Integral ring  
Internal-ø 30 mm, Ser. no. 393.005.033
- 2** Type 50 SV III ZW with ring  
Internal-ø 30 mm, Ser. no. 393.005.026
- 3** Type 50 SV III M12  
Ser. no. 393.005.021
- 4** Type 50 SV III ZW M12i  
Ser. no. 393.005.025
- 5** Type 50 SV III, with fork 14x28  
and safety-bolt, Ser. no. 393.005.024
- 6** Type 50 SV III ZW with fork 14x28  
and safety-bolt, Ser. no. 393.005.027
- 7** Type 50 SV III ZW with DOUGHTY®  
coupler T58081 for tube-ø 48-51 mm,  
Ser. no. 393.005.040



### Holder Type 66 SV III

- 8** Type 66 SV III Integral ring  
Internal-ø 35 mm, Ser. no. 393.007.701
- 9** Type 66 SV III ZW with ring  
Internal-ø 35 mm, Ser. no. 393.007.709
- 10** Type 66 SV III M16  
Ser. no. 393.007.700
- 11** Type 66 SV III ZW M16i  
Ser. no. 393.007.702
- 12** Type 66 SV III, with fork 16x32 and  
safety-bolt, Ser. no. 393.007.703
- 13** Type 66 SV III ZW with fork 16x32 and  
safety-bolt, Ser. no. 393.007.705
- 14** Type 66 SV III ZW with DOUGHTY®  
coupler T58101 for tube-ø 48-51 mm,  
Ser. no. 393.007.704



### Holder Type 80 SV III

- 15** Type 80 SV III Integral ring  
Internal-ø 40 mm, Ser. no. 393.009.011
- 16** Type 80 SV III ZW with ring  
Internal-ø 40 mm, Ser. no. 393.009.015
- 17** Type 80 SV III M20  
Ser. no. 393.009.003
- 18** Type 80 SV III ZW M12i  
Ser. no. 393.009.008
- 19** Type 80 SV III, with fork 20x40 and  
safety-bolt, Ser. no. 393.009.005
- 20** Type 80 SV III ZW with fork 20x40 and  
safety-bolt, Ser. no. 393.009.023
- 21** Type 80 SV III ZW mit DOUGHTY®  
coupler T57010 for tube-ø 48-51 mm  
Ser. no. 393.009.009



## TÜV GS and DGUV Test - Double-Tested and Double-Certified



REUTLINGER® cable grippers Type 50 SV III, Type 66 SV III and Type 80 SV III are covered by a test certificate, approving them for use within the scope of standard "DGUV Regulation 17" (formerly "BGV C1"). The "DGUV Test" certificate authorises the cable grippers for use within the scope of the accident prevention regulations applicable to event and production facilities for stage presentations. The "DGUV Test" certificate is awarded only after the cable grippers

have successfully undergone extensive testing under all possible load conditions, with due regard also to any reasonably foreseeable misuse. REUTLINGER® cable grippers Type 50 SV III, Type 66 SV III and Type 80 SV III are the only ones of their kind to have been approved by the employers' liability insurance associations for the suspension of loads in the field of event technology; they also bear the "GS" (Tested Safety) mark awarded by the German TÜV (independent technical inspection association).



| Cables <sup>1)</sup> |                   |                                             | Recommended cables & working loads <sup>2)</sup>  |        |                    |        |                |        |
|----------------------|-------------------|---------------------------------------------|---------------------------------------------------|--------|--------------------|--------|----------------|--------|
| Ø<br>[mm]            | Material          | Construction                                | tenfold safety [DGUV]<br>fivefold safety [TÜV/GS] |        |                    |        |                |        |
|                      |                   |                                             | Type 50 SV III                                    |        | Type 66 SV III     |        | Type 80 SV III |        |
|                      |                   |                                             | DGUV <sup>3)</sup>                                | TÜV/GS | DGUV <sup>3)</sup> | TÜV/GS | DGUV           | TÜV/GS |
| 4,0                  | Stainless Steel   | 6x7-WSC/6x19-WSC, 1570 N/mm <sup>2</sup>    |                                                   | 120 kg |                    |        |                |        |
|                      | Steel zinc-plated | 6x7-FC/WSC, 1.770-1960 N/mm <sup>2</sup>    | 60 kg                                             | 120 kg |                    |        |                |        |
|                      | Steel zinc-plated | 6x19M-1FC/WSC, 1.770-1960 N/mm <sup>2</sup> | 60 kg                                             | 120 kg |                    |        |                |        |
| 5,0                  | Stainless Steel   | 6x7-WSC/6x19-WSC, 1570 N/mm <sup>2</sup>    |                                                   | 180 kg |                    |        |                |        |
|                      | Steel zinc-plated | 6x7-FC/WSC, 1.770-1960 N/mm <sup>2</sup>    | 90 kg                                             | 180 kg | 90 kg              | 180 kg |                |        |
|                      | Steel zinc-plated | 6x19M-1FC/WSC, 1.770-1960 N/mm <sup>2</sup> | 90 kg                                             | 180 kg | 90 kg              | 180 kg |                |        |
| 6,0                  | Stainless Steel   | 6x7-WSC/6x19-WSC, 1570 N/mm <sup>2</sup>    |                                                   |        |                    | 270 kg |                |        |
|                      | Steel zinc-plated | 6x7-FC/WSC, 1.770-1960 N/mm <sup>2</sup>    |                                                   |        | 135 kg             | 270 kg | 135 kg         | 270 kg |
|                      | Steel zinc-plated | 6x19M-1FC/WSC, 1.770-1960 N/mm <sup>2</sup> |                                                   |        | 135 kg             | 270 kg | 135 kg         | 270 kg |
| 6,35<br>(1/4")       | Steel zinc-plated | 6x7-FC/WSC, 1.770-1960 N/mm <sup>2</sup>    |                                                   |        | 150 kg             | 300 kg | 150 kg         | 300 kg |
|                      | Steel zinc-plated | 6x19M-1FC/WSC, 1.770-1960 N/mm <sup>2</sup> |                                                   |        | 150 kg             | 300 kg | 150 kg         | 300 kg |
| 8,0                  | Stainless Steel   | 6x7-WSC/6x19-WSC, 1570 N/mm <sup>2</sup>    |                                                   |        |                    |        |                | 480 kg |
|                      | Steel zinc-plated | 6x19M-1FC/WSC, 1.770-1960 N/mm <sup>2</sup> |                                                   |        |                    |        | 240 kg         | 480 kg |
|                      | Steel zinc-plated | 6x37M-1FC, 1.770-1960 N/mm <sup>2</sup>     |                                                   |        |                    |        | 240 kg         | 480 kg |

1) All cables are available in silver and black zinc-plated finish. 2) Further technical and safety details can be found in the operating instructions ([www.reutlinger.de](http://www.reutlinger.de)) 3) DGUV Certificate No. OA 1851013. Only the values given in this table apply; previous specifications are no longer valid.

REUTLINGER®  
systematic suspension

### Reutlinger GmbH

Offenbacher Landstr. 190  
60599 Frankfurt  
Germany

Telefon +49 69 965228-0  
Telefax +49 69 965228-30

E-Mail [info@reutlinger.de](mailto:info@reutlinger.de)  
Internet [www.reutlinger.de](http://www.reutlinger.de)

### Sales

Silvia Kopka  
+49 69 965228-12  
[s.kopka@reutlinger.de](mailto:s.kopka@reutlinger.de)

Stephanie Händler  
+49 69 965228-18  
[s.haendler@reutlinger.de](mailto:s.haendler@reutlinger.de)

Ana Maria Ruiz  
+49 69 965228-47  
[am.ruiz@reutlinger.de](mailto:am.ruiz@reutlinger.de)

### Technical consultations

Dipl. Ing. Norbert Orban  
+49 69 965228-57  
[n.orban@reutlinger.de](mailto:n.orban@reutlinger.de)