

## IS STK Insulating Stick Kit

Nominal Voltages up to 36 kV / 50 Hz

Work according to the 5 Safety Rules

1. Disconnect completely – Operating Sticks



IS STK insulating stick fitted with STK switching stick head used as switching stick

**General Information:**

Standard (switching stick head)	E DIN VDE V 0681-2
Standard (insulating stick)	E DIN VDE V 0681-1
Standard (switching stick)	E DIN VDE V 0681-1 and -2
Standard (operating stick)	DIN VDE 0682-552
Standard (earthing stick)	Based on EN/IEC 61230 (DIN VDE 0683-100)
Not suitable for use in wet weather conditions	☀
For use in wet weather conditions	☔
For	Indoor and outdoor installations



Anti-rotation plastic plug-in coupling used as insulating stick extension (yellow coupling)

## Easy and safe working

- Cost-effective due to universal use
- Space-saving transport



## Kit includes:

Pos. No.	Part No.	Pos. No.	Part No.
1	766 164	6	☀ 766 463
2	766 365	6	☔ 766 468
3	766 465	7	766 456
4	766 356	8	766 466
5	☀ 766 363	9	766 996
5	☔ 766 367		

For more detailed information on these products, see Accessories chapter



The artificial leather bag with reinforced back panel allows for safe transport and easy storage of the single components.



Dirt-repellent end fittings with plug-in coupling

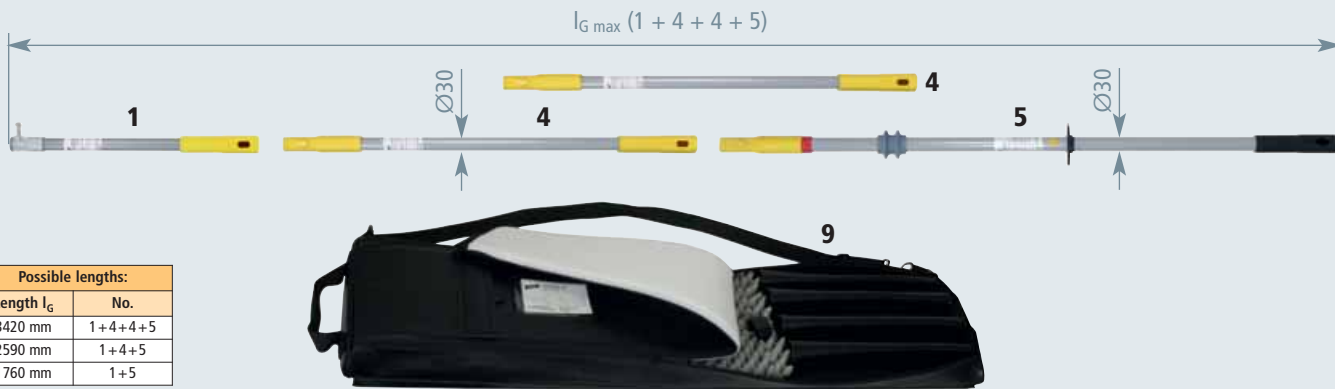
Work according to the 5 Safety Rules

IS STK Insulating Stick Kit

1. Disconnect completely – Operating Sticks

Switching Stick Kit Ø30 mm

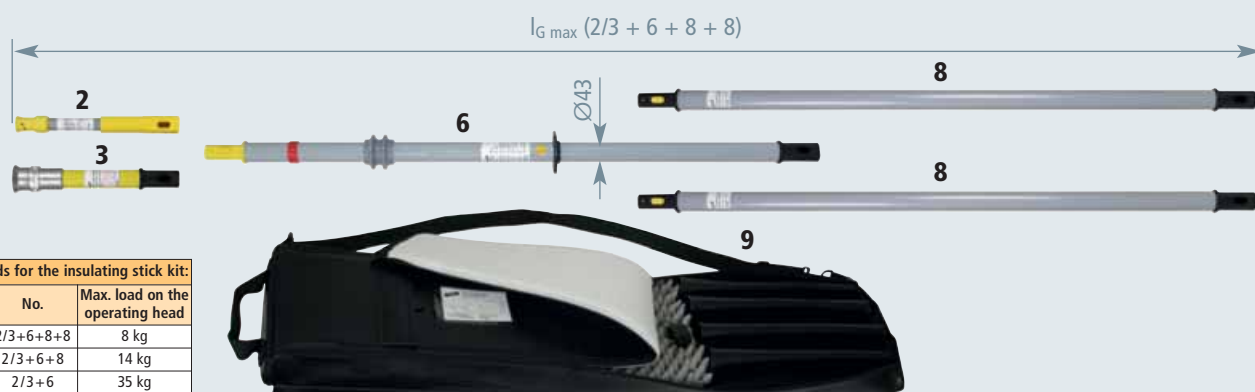
Operating Sticks



Possible lengths:	
Length $I_G$	No.
3420 mm	1+4+4+5
2590 mm	1+4+5
1760 mm	1+5

Type	SCSS 36 STK 30	SCSSN 36 STK 30
Part No.	766 323	766 324
Nominal voltage ( $U_N$ )	1 ... 36 kV	1 ... 36 kV
Max. total length ( $I_{G \max}$ )	3420 mm	3420 mm
For		

Earthing Stick Kit Ø43 mm



Permissible loads for the insulating stick kit:		
Length $I_G$	No.	Max. load on the operating head
3960 mm	2/3+6+8+8	8 kg
2760 mm	2/3+6+8	14 kg
1560 mm	2/3+6	35 kg

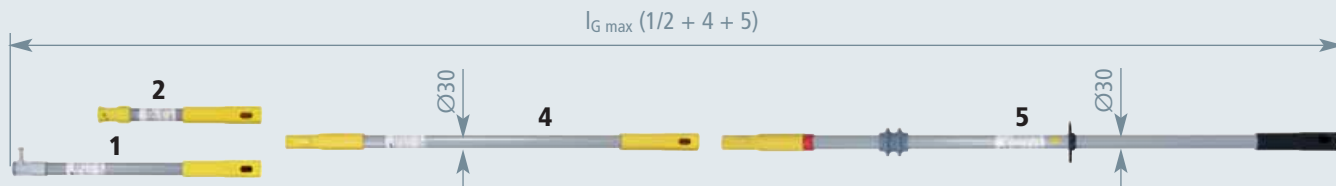
Type	ESS STK 43	ESSN STK 43
Part No.	766 450	766 451
Max. total length ( $I_{G \max}$ )	3960 mm	3960 mm
For		

## IS STK Insulating Stick Kit

Work according to the 5 Safety Rules

### Earthing Stick Kit Ø30 mm

1. Disconnect completely – Operating Sticks



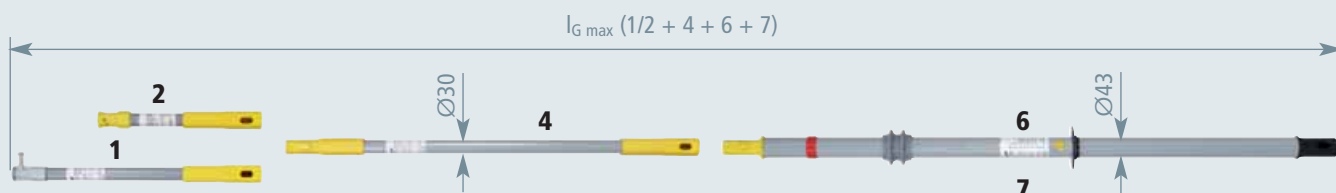
Permissible loads for the insulating stick kit:

Length $I_G$	No.	Max. load on the operating head
2590 mm	1+4+5	5 kg
2390 mm	2+4+5	5 kg
1760 mm	1+5	12 kg
1560 mm	2+5	12 kg



Type	ASS 36 STK 30	ASSN 36 STK 30
Part No.	766 325	766 326
Nominal voltage ( $U_N$ )	1 ... 36 kV	1 ... 36 kV
Max. total length ( $I_{G \max}$ )	2590 mm	2590 mm
For		

### Earthing Stick Kit Ø43 mm



Permissible loads for the insulating stick kit:

Length $I_G$	No.	Max. load on the operating head
3420 mm	1+4+6+7	9 kg
3220 mm	2+4+6+7	9 kg
2590 mm	1+4+6	9 kg
2390 mm	2+4+6	9 kg
1760 mm	1+6	25 kg
1560 mm	2+6	35 kg



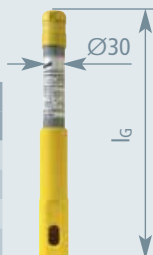
Type	ASS 36 STK 30 43	ASSN 36 STK 43
Part No.	766 452	766 453
Nominal voltage ( $U_N$ )	1 ... 36 kV	1 ... 36 kV
Max. total length ( $I_{G \max}$ )	3420 mm	3420 mm
For		

### Accessory for IS STK Insulating Stick Kit

#### Operating Head with plug-in Coupling / hexagon Shaft

For indoor use

Type	AK 36 SK STK 330
Part No.	766 364
Diameter	30 mm
Total length ( $l_G$ )	330 mm
Material	Plastic
Colour	Yellow



Work according to the 5 Safety Rules

IS Insulating Sticks

## 1. Disconnect completely – Operating Sticks

## Easy and safe working

- Cost-effective since the installation of different supporting heads allows universal use
- Easy to use



Switching a disconnector by means of an IS SK insulating stick fitted with switching stick head



IS SK insulating stick fitted with SSK M12 switching stick head.



IS SQ insulating stick fitted with SSK SQ switching stick head. The black knurled nut is locked into position using the insulating stick.

**General Information:**

Standard (switching stick head)	E DIN VDE V 0681-2
Standard (insulating stick)	E DIN VDE V 0681-1
Standard (operating stick)	DIN VDE 0682-552
Not suitable for use in wet weather conditions	☀
For use in wet weather conditions	☔
For	Indoor and outdoor installations
Material	Glass-fibre reinforced polyester tube



The handle of IS STK insulating sticks can be easily extended via the plug-in coupling.



IS SK insulating stick used for clamps with hexagon shaft of earthing and short-circuiting devices.

## IS Insulating Sticks

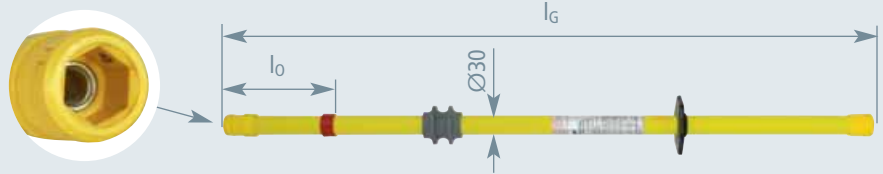
Work according to the 5 Safety Rules

### Insulating Stick, hexagon Shaft

1. Disconnect completely – Operating Sticks

With M12 thread and spring locking mechanism

- Can be used as switching stick by attaching a switching stick head (Part No. 765 005)
- Can be used as earthing stick

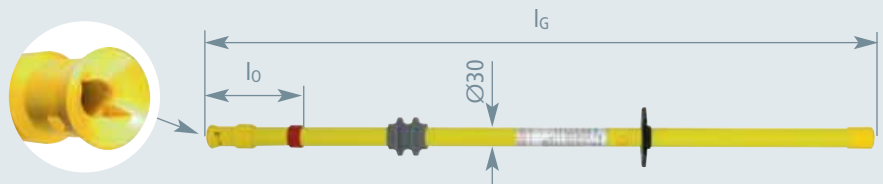


Type	IS 36 SK 1000	IS 36 SK 1500	ISN 36 SK 1000	ISN 36 SK 1500
Part No.	766 001	766 002	766 210	766 215
Nominal voltage (U <sub>N</sub> )	1 ... 36 kV	1 ... 36 kV	1 ... 36 kV	1 ... 36 kV
Total length (l <sub>G</sub> )	1000 mm	1500 mm	1000 mm	1500 mm
Insertion depth (l <sub>0</sub> )	175 mm	475 mm	175 mm	475 mm
For	☀	☀	☀	☀

### Insulating Stick, T Pin Shaft

Bayonet locking mechanism

- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
- Can be used as earthing stick
- Can be used as operating stick for inserting insulating protective shutters



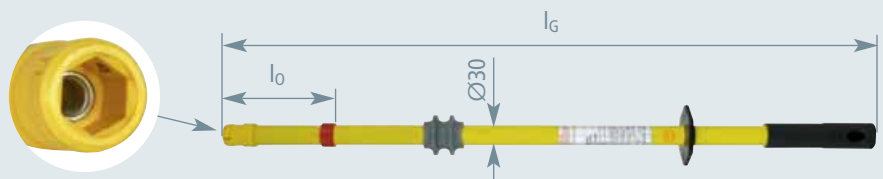
Type	IS 36 SQ 1000	IS 36 SQ 1500	ISN 36 SQ 1000	ISN 36 SQ 1500
Part No.	766 311	766 315	766 211	766 216
Nominal voltage (U <sub>N</sub> )	1 ... 36 kV	1 ... 36 kV	1 ... 36 kV	1 ... 36 kV
Max. load on the operating head *)	17 kg	17 kg	17 kg	17 kg
Total length (l <sub>G</sub> )	1025 mm	1525 mm	1025 mm	1525 mm
Insertion depth (l <sub>0</sub> )	150 mm	500 mm	150 mm	500 mm
For	☀	☀	☀	☀

\*) Max. shutter weight when inserting insulating protective shutters

### Insulating Stick, hexagon Shaft, plug-in Coupling

With M12 thread, spring locking mechanism and plug-in coupling for extending the handle

- Can be used as switching stick by attaching a switching stick head (Part No. 765 005)
- Can be used as earthing stick



Type	IS 36 SK STK 1000	IS 123 SK STK 2000	ISN 36 SK STK 1000
Part No.	766 100	766 122	766 111
Nominal voltage (U <sub>N</sub> )	1 ... 36 kV	1 ... 123 kV	1 ... 36 kV
Total length (l <sub>G</sub> )	1000 mm	2000 mm	1000 mm
Insertion depth (l <sub>0</sub> )	175 mm	200 mm	175 mm
For	☀	☀	☀

## Work according to the 5 Safety Rules

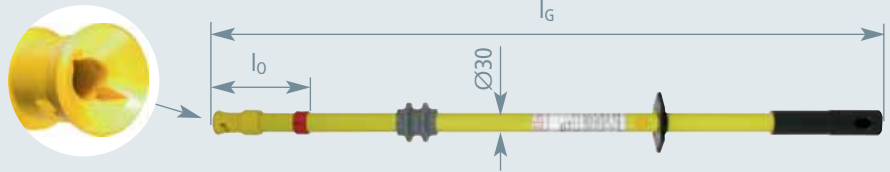
## IS Insulating Sticks

## 1. Disconnect completely – Operating Sticks

## Insulating Stick, T Pin Shaft, plug-in Coupling

Bayonet locking mechanism and plug-in coupling for extending the handle

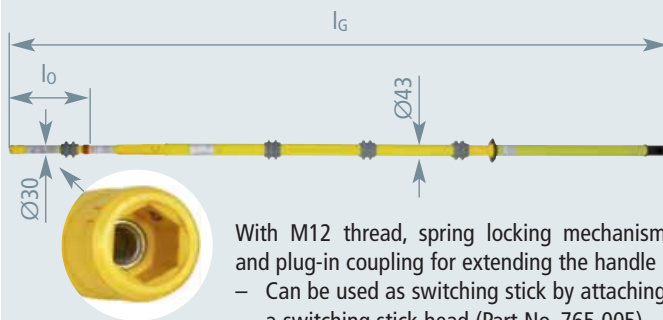
- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
- Can be used as earthing stick
- Can be used as operating stick for inserting insulating protective shutters



Type	IS 36 SQ STK 1000	IS 123 SQ STK 2000	ISN 36 SQ STK 1000
Part No.	766 301	766 322	766 310
Nominal voltage (U <sub>N</sub> )	1 ... 36 kV	1 ... 123 kV	1 ... 36 kV
Max. load on the operating head *)	17 kg	8 kg	17 kg
Total length (l <sub>G</sub> )	1025 mm	2000 mm	1025 mm
Insertion depth (l <sub>o</sub> )	150 mm	200 mm	150 mm
For			

\*) Max. shutter weight when inserting insulating protective shutters

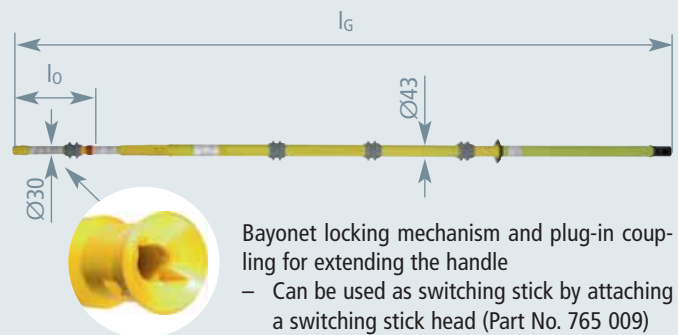
## Insulating Stick, detachable, hexagon Shaft, plug-in Coupling



- With M12 thread, spring locking mechanism and plug-in coupling for extending the handle
- Can be used as switching stick by attaching a switching stick head (Part No. 765 005)
  - Can be used as earthing stick

Type	ISN 123 SK STK 2500
Part No.	766 222
Nominal voltage (U <sub>N</sub> )	123 kV
Total length (l <sub>G</sub> )	2490 mm
Insertion depth (l <sub>o</sub> )	285 mm
For	

## Insulating Stick, detachable, T Pin Shaft, plug-in Coupling



- Bayonet locking mechanism and plug-in coupling for extending the handle
- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
  - Can be used as earthing stick
  - Can be used as operating stick for inserting insulating protective shutters

Type	ISN 123 SQ STK 2500
Part No.	766 332
Nominal voltage (U <sub>N</sub> )	123 kV
Total length (l <sub>G</sub> )	2495 mm
Insertion depth (l <sub>o</sub> )	290 mm
For	

## Accessory for IS Insulating Sticks

## Screw-on Switching Stick Head for IS SK Insulating Sticks

With M12 thread

In accordance with E DIN VDE V 0681-2

Type	SSK M12
Part No.	765 005
Material	Steel, plastic-sheathed



## Accessory for IS Insulating Sticks

## Switching Stick Head for IS SQ Insulating Sticks

With T pin shaft (bayonet locking mechanism)

In accordance with E DIN VDE V 0681-2

T pin shaft in accordance with DIN 48087

Switching stick head is fixed on the insulating stick via the knurled nut

Type	SSK SQ
Part No.	765 009
Material	Polyamide



## SCS Switching Sticks

Work according to the 5 Safety Rules

Nominal Voltages up to 123 kV / 50 Hz

1. Disconnect completely – Operating Sticks



Switching a disconnector by means of an SCS switching stick

Easy and safe working

- Cost-effective
- User-friendly

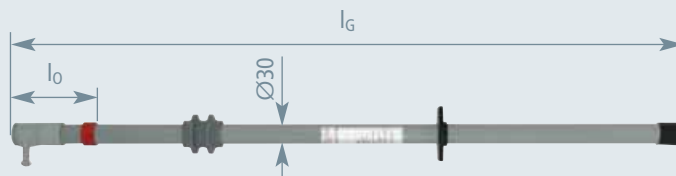


## General Information:

Standard (switching stick head)	E DIN VDE V 0681-2
Standard (switching stick)	E DIN VDE V 0681-1 and -2
Standard (insulating stick)	E DIN VDE V 0681-1
Standard (operating stick)	DIN VDE 0682-552
Not suitable for use in wet weather conditions	☀
For use in wet weather conditions	☔
For	Indoor and outdoor installations
Design	Fully insulated, massive switching stick head
Material (insulating tube)	Glass-fibre reinforced polyester tube
Material (switching pin)	Steel, plastic-sheathed

## Nominal Voltages up to 72.5 kV

With end cap



Type	SCS 36 1000	SCS 36 1500	SCS 36 2000	SCS 72 1500	SCS 72 2000	SCSN 36 1000	SCSN 36 1500	SCSN 36 2000
Part No.	763 610	763 611	763 612	763 615	763 620	763 510	763 511	763 512
Nominal voltage (U <sub>N</sub> )	1 ... 36 kV	1 ... 36 kV	1 ... 36 kV	1 ... 72.5 kV	1 ... 72.5 kV	1 ... 36 kV	1 ... 36 kV	1 ... 36 kV
Max. load on the operating head	17 kg	17 kg	9 kg	—	—	17 kg	17 kg	9 kg
Total length (l <sub>G</sub> )	1030 mm	1500 mm	2000 mm	1500 mm	2000 mm	1030 mm	1500 mm	2000 mm
Insertion depth (l <sub>0</sub> )	135 mm	415 mm	765 mm	290 mm	690 mm	135 mm	415 mm	765 mm
For	☀	☀	☀	☀	☀	☔	☔	☔

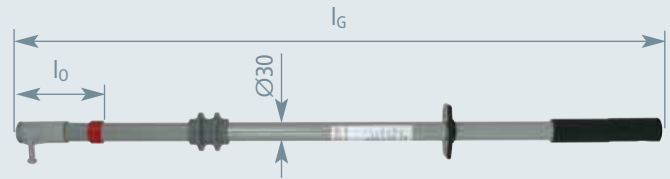
## Work according to the 5 Safety Rules

## SCS Switching Sticks

## 1. Disconnect completely – Operating Sticks

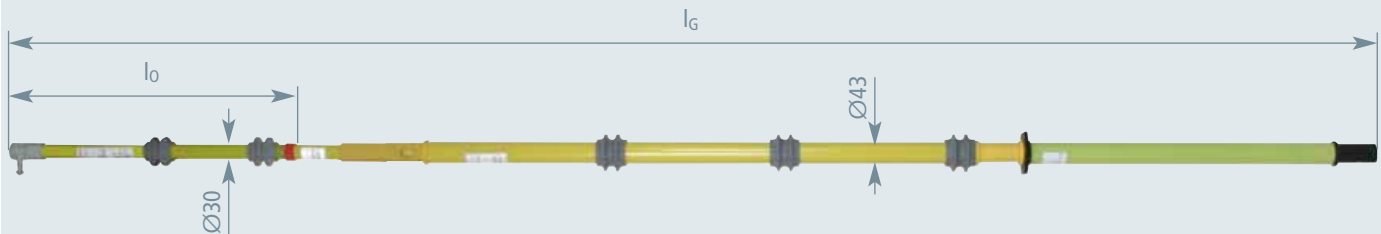
Nominal Voltages up to 123 kV

Handle termination with plastic plug-in coupling for extending the handle



Type	SCS 36 STK 1000	SCS 72 STK 1500	SCS 123 STK 2000	SCSN 36 STK 1000
Part No.	763 100	763 150	763 180	763 111
Nominal voltage (U <sub>N</sub> )	1 ... 36 kV	1 ... 72.5 kV	1 ... 123 kV	1 ... 36 kV
Max. load on the operating head	17 kg	—	—	17 kg
Total length (l <sub>G</sub> )	1000 mm	1500 mm	2000 mm	1000 mm
Insertion depth (l <sub>0</sub> )	135 mm	290 mm	200 mm	135 mm
For	☀	☀	☀	☀

Nominal Voltages up to 123 kV, modular



Handle termination with plastic plug-in coupling for extending the handle

Type	SCSN 123 STK 2800
Part No.	763 181
Nominal voltage (U <sub>N</sub> )	123 kV
Total length (l <sub>G</sub> )	2840 mm
Insertion depth (l <sub>0</sub> )	640 mm
For	☀



Live Working

Insulating Stick Kit for Cleaning the Windscreens of Electric Locomotives

Cleaning Equipment

- For use in wet weather conditions
- Insulating stick kit for cleaning the wind-screens of electric locomotives
- Protection against accidental contact with live parts (e.g. overhead contact lines)
- Adjustable inclination angle of the operating head

Nominal Voltages up to 7.5 kV / d.c. and 25 kV / a.c.



Insulating stick kit used for cleaning the windscreen of an electric locomotive

Note:

In accordance with EN/IEC 61243-1 (DIN VDE 0682-411), IS 25 ZK 2885 insulating sticks and AD ZK 25 200 adapters can also be used in wet weather conditions for nominal voltages up to 7.5 kV d.c. and 25 kV a.c. The cleaning agent must not exceed the maximum conductivity of 1000  $\mu\text{S} / \text{cm}$ .

Due to the risk of bridging, water and cleaning agents must not be used to clean live parts of installations.

Kit includes:			
Pos. No.	Part No.	Pos. No.	Part No.
1	766 048	3	766 056
2	766 055	4	766 057

For more detailed information on these products, see Accessories chapter

General Information:

Standard	Wet test in accordance with EN/IEC 61243-1 (DIN VDE 0682-411)
For use in wet weather conditions	
Material (insulating tube)	Glass-fibre reinforced polyester tube
End fitting	Non-slip plastic cap



Adapter with gear coupling for attaching the cleaning head

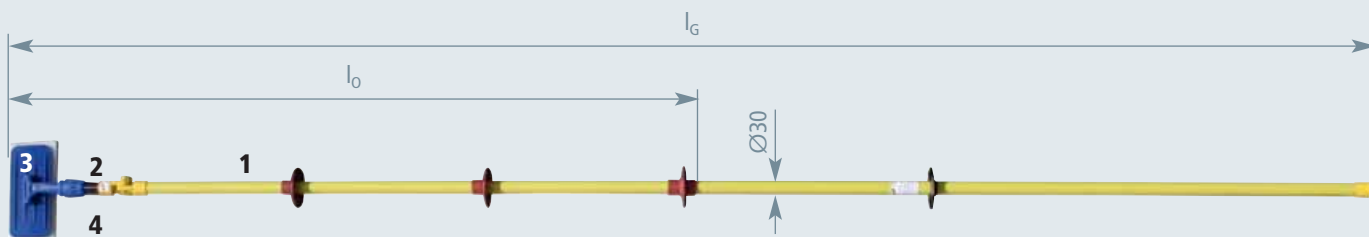


The hook-and-loop fastener allows fast replacement of the cleaning pad.



The universal gear coupling can be adjusted from 0° to 90° in 30° increments.

Insulating Stick Kit for Cleaning Windscreens



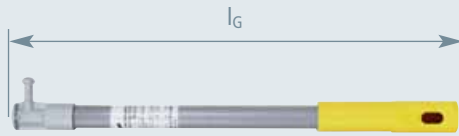
Type	IS 25 ZK RK 3160
Part No.	766 340
Nominal voltage $U_N$ a.c.	Up to 25 kV
Nominal voltage $U_N$ d.c.	Up to 7.5 kV
Total length ( $l_G$ )	3160 mm
Insertion depth ( $l_0$ )	1630 mm

## Further Equipment

## Operating Heads

## Kit Parts

## STK Switching Stick Head



Type	SSK 36 STK 560
Part No.	766 164
Diameter	30 mm
Total length (l <sub>G</sub> )	560 mm
Material (switching stick head)	Glass-fibre reinforced polyester tube
Colour	Grey
Material (switching pin)	Plastic-sheathed steel

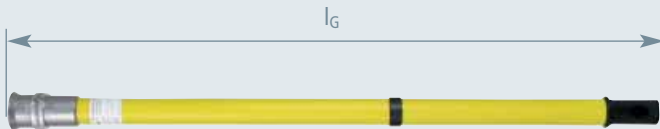
## STK Operating Head / T Pin Shaft



Plastic plug-in coupling (bayonet locking mechanism) for indoor use

Type	AK 36 SQ STK 360
Part No.	766 365
Diameter	30 mm
Total length (l <sub>G</sub> )	360 mm
Material (operating head)	Plastic
Colour	Yellow

## SQL Operating Head



Type	ES SQL STK 43 1045
Part No.	766 074
Diameter	43 mm
Total length (l <sub>G</sub> )	1045 mm
DB drawing No.	3 Ebgw 01.68

## STK Operating Head / long T Pin Shaft



Aluminium cone coupling with adjusting ring (bayonet locking mechanism) for earthing and short-circuiting in outdoor installations

Type	AK SQL STK 365
Part No.	766 465
Diameter	43 mm
Total length (l <sub>G</sub> )	365 mm
Material (operating head)	Aluminium
Colour	Yellow

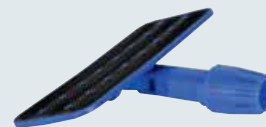
## Contacting Aid



For telescopic insulating sticks

Type	AK AH ZK ISMTC
Part No.	766 049
Total length (l <sub>G</sub> )	340 mm

## Cleaning Head



Flexibly adjustable, for attaching cleaning pads

Type	RK 230 100 AS25
Part No.	766 056
Diameter	25 mm
Dimensions	230 x 100 mm

## Accessory for Operating Head

## Rectangular Cleaning Pad



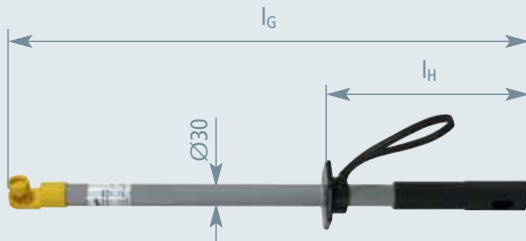
Type	RP 250 115 20
Part No.	766 057
Dimensions	250 x 115 x 20 mm
PU	5 pieces

## Insulating Sticks

Further Equipment

Kit Parts

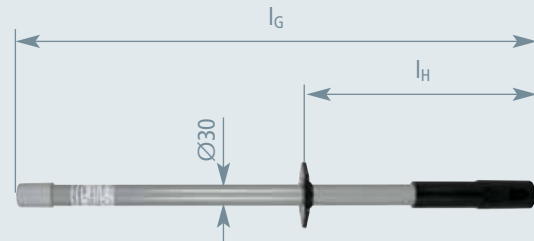
### For ASP, with universal Gear Coupling



Plug-in coupling for extending the handle

Type	IS ZK STK HS 670
Part No.	766 369
Diameter	30 mm
Total length ( $l_G$ )	670 mm
Length (handle) ( $l_H$ )	270 mm
Material	Glass-fibre reinforced polyester tube
Colour	Grey

### Insulating Stick with M12 Threaded Bushing

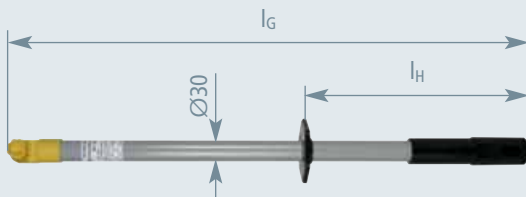


Plug-in coupling for extending the handle (Part No. 766 331)

End cap (Part No. 766 328)

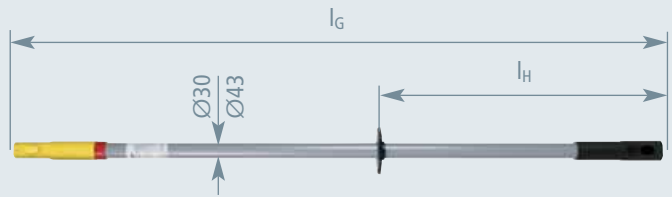
Type	IS M12 STK 640	IS M12 AK 625
Part No.	766 331	766 328
Diameter	30 mm	30 mm
Total length ( $l_G$ )	640 mm	640 mm
Length (handle) ( $l_H$ )	270 mm	270 mm
Material	Glass-fibre reinforced polyester tube	Glass-fibre reinforced polyester tube

### For PHE III, with universal Gear Coupling



Type	IS ZK STK 670
Part No.	766 368
Nominal voltage ( $U_N$ )	Up to 36 kV
Total length ( $l_G$ )	670 mm
Length (handle) ( $l_H$ )	270 mm
Material	Glass-fibre reinforced polyester tube

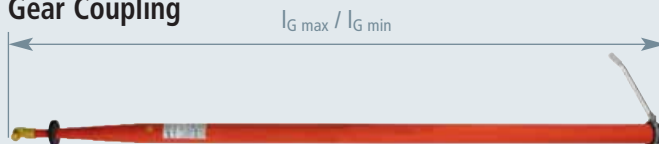
### For IS STK, with plug-in Coupling



Plug-in coupling at both ends for attaching extension elements, operating heads or adapters

Type	IS 36 STK 30 1280	IS 36 STK 43 1280
Part No.	766 363	766 463
Nominal voltage ( $U_N$ )	Up to 36 kV	Up to 36 kV
Diameter	30 mm	43 mm
Total length ( $l_G$ )	1280 mm	1280 mm
Length (handle) ( $l_H$ )	560 mm	560 mm
Material	Glass-fibre reinforced polyester tube	Glass-fibre reinforced polyester tube
Colour	Grey	Grey

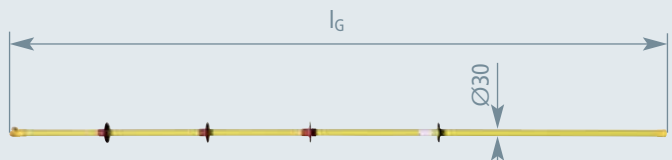
### For PHE III Indicator with Test Prod, with universal Gear Coupling



With scale for measuring the ground clearance, mounted support included

Type	ISMTC N 36 ZK 10600
Part No.	766 037
Nominal voltage ( $U_N$ )	Up to 36 kV
Total length ( $l_G \text{ max} / l_G \text{ min}$ )	10,600 / 1750 mm
Material	Glass-fibre reinforced epoxy resin tube

### For IS for cleaning Windscreens



Consists of one element, with foam-filled insulating element

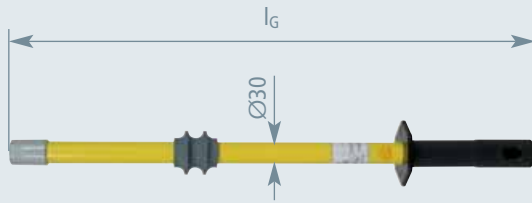
Type	IS 25 ZK 2885
Part No.	766 048
Diameter	30 mm
Total length ( $l_G$ )	2890 mm
Material	Glass-fibre reinforced polyester tube
End fitting	Non-slip plastic cap

## Further Equipment

## Insulating Sticks

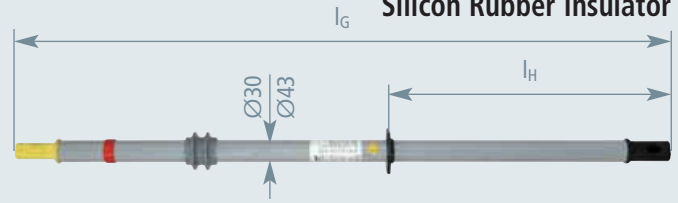
## Kit Parts

## For PHE (for Overhead Lines)



Type	IS M12 STK 30 720	IS M12 STK 30 1060
Part No.	766 072	766 075
Diameter	30 mm	30 mm
Total length (l <sub>G</sub> )	720 mm	1060 mm
DB drawing No.	3 Ebgw 02.51	3 Ebgw 02.53

## ISN 36 STK Insulating Stick with Silicon Rubber Insulator

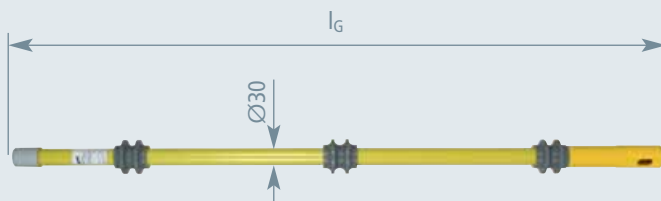


Plug-in coupling at both ends for attaching extension elements, operating heads or adapters

Type	ISN 36 STK 30 1280	ISN 36 STK 43 1280
Part No.	766 367	766 468
Nominal voltage (U <sub>N</sub> )	Up to 36 kV	Up to 36 kV
Diameter	30 mm	43 mm
Total length (l <sub>G</sub> )	1280 mm	1280 mm
Length (handle) (l <sub>H</sub> )	560 mm	560 mm
Material	Glass-fibre reinforced polyester tube	Glass-fibre reinforced polyester tube
Colour	Grey	Grey

## Insulating Elements

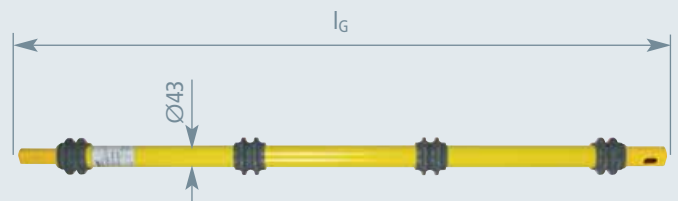
## Insulating Element with M12 threaded Bushing



With plug-in coupling for extending the handle

Type	IT M12 STK 30 700	IT M12 STK 30 1150
Part No.	766 114	766 115
Nominal voltage (U <sub>N</sub> )	Up to 60 kV	Up to 110 kV
Diameter	30 mm	30 mm
Total length (l <sub>G</sub> )	700 mm	1150 mm
Material	Glass-fibre reinforced polyester tube	Glass-fibre reinforced polyester tube
Colour	Yellow	Yellow

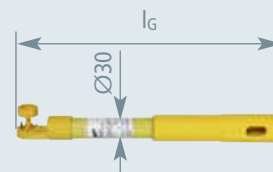
## Insulating Element with plug-in Coupling



With plug-in coupling for extending the handle

Type	IT STK 43 1280
Part No.	766 128
Nominal voltage (U <sub>N</sub> )	Up to 132 kV
Diameter	43 mm
Total length (l <sub>G</sub> )	1280 mm
Material	Glass-fibre reinforced polyester tube
Colour	Yellow

## Insulating Element with Gear Coupling



With plug-in coupling

Angle of the gear coupling: - 30° / 0° / + 30°

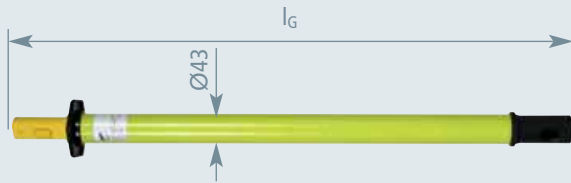
Type	IT ZK30 STK 30 360
Part No.	766 358
Diameter	30 mm
Total length (l <sub>G</sub> )	360 mm
Material	Glass-fibre reinforced polyester tube
Colour	Yellow

## Handles / Extensions

Further Equipment

Kit Parts

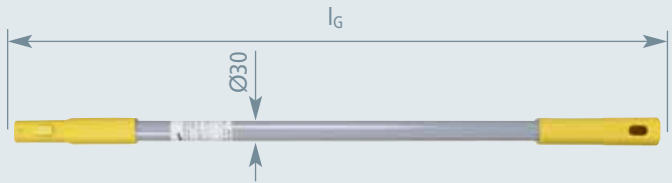
## Handle



End fitting with plug-in coupling for extending the handle

Type	H STK 43 800
Part No.	766 120
Diameter	43 mm
Total length (l <sub>G</sub> )	830 mm

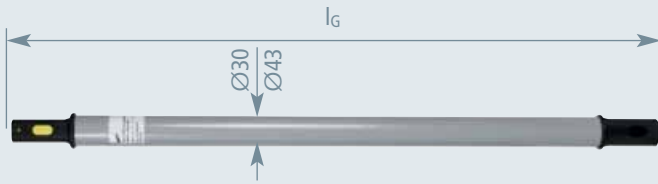
## ISV 36 STK Insulating Stick Extension



Plug-in coupling at both ends for extending the insertion depth or the handle

Type	ISV 36 STK 30 910	ISV 36 STK 30 1280
Part No.	766 356	766 366
Diameter	30 mm	30 mm
Total length (l <sub>G</sub> )	910 mm	1280 mm
Material	Glass-fibre reinforced polyester tube	Glass-fibre reinforced polyester tube
Colour	Grey	Grey

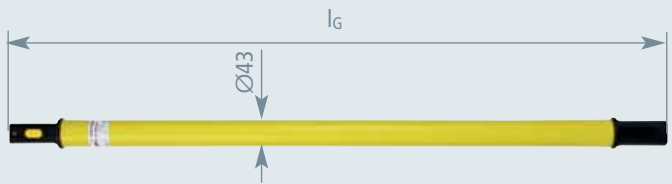
## HV STK Extension Handle



Plug-in coupling at both ends for extending the handle

Type	HV STK 30 710	HV STK 43 910	HV STK 43 1280
Part No.	766 335	766 456	766 466
Diameter	30 mm	43 mm	43 mm
Total length (l <sub>G</sub> )	710 mm	910 mm	1280 mm
Material	Glass-fibre reinforced polyester tube		
Colour	Grey	Grey	Grey

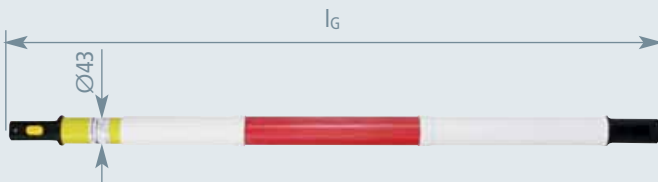
## Extension Handle



Plug-in coupling at both ends for extending the handle

Type	HV STK 43 975	HV STK 43 1045	HV STK 43 2350
Part No.	766 077	766 076	766 073
Diameter	43 mm	43 mm	43 mm
Total length (l <sub>G</sub> )	975 mm	1045 mm	2350 mm
DB drawing No.	3 Ebgw 02.53	3 Ebgw 02.53	3 Ebgw 02.51

## Extension Handle



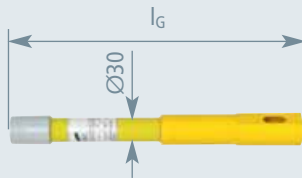
Type	HV STK RW 43 975	HV STK RW 43 1045
Part No.	766 079	766 078
Diameter	43 mm	43 mm
Total length (l <sub>G</sub> )	975 mm	1045 mm
DB drawing No.	3 Ebgw 01.68	3 Ebgw 01.68

## Further Equipment

## Adapter

## Kit Parts

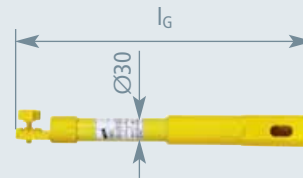
## Adapter with M12 female Thread



With plug-in coupling

Type	AD M12 STK 30 350
Part No.	766 352
Diameter	30 mm
Total length (l <sub>G</sub> )	350 mm
Material	Glass-fibre reinforced polyester tube
Colour	Yellow

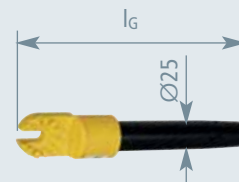
## Adapter with Gear Coupling



With plug-in coupling

Type	AD ZK STK 30 360
Part No.	766 359
Diameter	30 mm
Total length (l <sub>G</sub> )	360 mm
Material	Glass-fibre reinforced polyester tube
Colour	Yellow

## Adapter with cone-shaped Support



With gear coupling and cone-shaped support, accommodates cleaning sponges (Part No. 766 056)

Type	AD ZK 25 200
Part No.	766 055
Diameter	25 mm
Total length (l <sub>G</sub> )	200 mm