










## Pipe systems

## Pipe systems

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# IEC classification in accordance with DIN EN 61386-1

The OBO Bettermann pipe systems are machined and tested according to DIN EN 61386 (Electrical installation pipe systems for electrical energy and information) and DIN EN 60423 (External diameters of electrical installation

pipes and thread for electrical installation pipes and their accessories).

### Numeric code

DIN EN 61386-1 classifies installation pipes using a 12-digit numeric

code, which provides information on the pressure resistance, impact resistance or use temperatures. You can find the first five digits in the product descriptions of the pipe systems.



**First digit**  
Compression resistance

**Second digit**  
Impact resistance

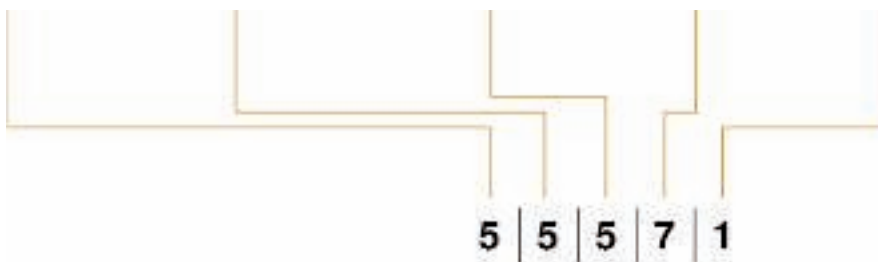
**Third digit**  
Minimum use temperature

**Fourth digit**  
Maximum use temperature

**Fifth digit**  
Bending resistance

Pipe systems

	First digit		Second digit		Third digit		Fourth digit		Fifth digit
	Pressure resistance		Impact resistance		Minimum use temperature		Maximum use temperature		Bending behaviour
1	Very light (125 N)	1	Very light (0.5 kg/100 mm)	1	+ 5 °C	1	+ 60 °C	1	Rigid
2	Light (320 N)	2	Light (1.0 kg/100 mm)	2	- 5 °C	2	+ 90 °C	2	Bendable
3	Medium (750 N)	3	Medium (2.0 kg/100 mm)	3	- 15 °C	3	+ 105 °C	3	Bendable, self-healing
4	Heavy (1250 N)	4	Heavy (2.0 kg/300 mm)	4	- 25 °C	4	+ 120 °C	4	Flexible
5	Very heavy (4000 N)	5	Very heavy (6.8 kg/300 mm)	5	- 45 °C	5	+ 150 °C		
						6	+ 250 °C		
						7	+ 400 °C		



# Electrical installation pipes

## Classification according to IEC EN 61386-1: Corrosion protection

9th digit	Resistance against corrosion	Suitable surfaces
1	Low protection, inside and outside	
2	Medium protection, inside and outside	<ul style="list-style-type: none"> <li>• Painted black (SW)</li> <li>• Electrogalvanised (G)</li> <li>• Strip galvanised (FS)</li> </ul>
3	Medium protection inside, high protection outside	
4	High protection, inside and outside	<ul style="list-style-type: none"> <li>• Hot-dip galvanised (FT)</li> <li>• Stainless steel (V2A, V4A)</li> </ul>



### Increased precision, simpler installation

When producing steel pipes, the machining process creates a bulge along the welding seam.

The OBO precision steel pipes have the annoying bulge removed directly after welding. This means that the inside of the pipes is completely smooth – and cables can be pushed through without any problems. This saves the installation engineer valuable time.

### Protection against mechanical loads

OBO metal pipes are particularly suited to use under tough industrial conditions. They provide reliable protection against very heavy mechanical loads during cable routing.

The different material and surface qualities, from galvanised to painted, allow perfect adaptation to the requirements of the appropriate environment.

### Function maintenance E30/E90

Our steel pipes guarantee function maintenance to E30/E90. They are thus ideal for the connection of safety-relevant equipment, such as fire alarm systems.





**Electrogalvanised threaded pipe**

- VDE-tested
- Trimmed weld
- Internally galvanised

**Electrogalvanised plug-in pipe**

- VDE-tested
- Trimmed weld
- Internally galvanised

**Black powder-coated  
Threaded pipe**

- VDE-tested
- Trimmed weld

**Black powder-coated  
Plug-in pipe**

- VDE-tested
- Trimmed weld

**Hot galvanised threaded pipe**

- VDE-tested
- Trimmed weld
- High corrosion protection
- Zinc/nickel sleeve

**Hot galvanised plug-in pipe**

- VDE-tested
- Trimmed weld
- High corrosion protection

**Stainless steel pipe, V2A**

- VDE-tested
- Brushed surface



### Stainless steel plug-in pipe, V4A

- VDE-tested
- Brushed surface



### Aluminium threaded pipe

- VDE-tested



### Aluminium plug-in pipe

- VDE-tested



### Accessories

- Wide range of application options

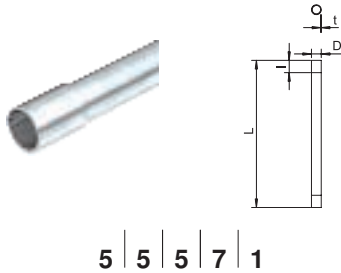


### Quick pipe

- Innovative system
- VDE-tested
- Reclosable



## Electrogalvanised steel pipe, with thread



Type	Thread	Dim. D mm	Dim. L mm	Dim. l mm	Dim. t mm	Pack. m	Weight kg/100 m	Item No.
<b>SM16W G</b>	M16x1,5	16	3000	13	1.3	30	50,390	<b>2046 86 1</b>
<b>SM20W G</b>	M20x1,5	20	3000	13	1.5	30	72,570	<b>2046 86 2</b>
<b>SM25W G</b>	M25x1,5	25	3000	18	1.5	30	92,290	<b>2046 86 3</b>
<b>SM32W G</b>	M32x1,5	32	3000	18	1.5	21	120,000	<b>2046 86 4</b>
<b>SM40W G</b>	M40x1,5	40	3000	20.5	1.5	15	151,450	<b>2046 86 5</b>
<b>SM50W G</b>	M50x1,5	50	3000	25	1.5	15	190,000	<b>2046 86 6</b>
<b>SM63W G</b>	M63x1,5	63	3000	25	1.7	9	287,700	<b>2046 86 7</b>

**St** Steel

price/100 m

**G** Electrogalvanised

Electrical installation pipe according to EN 61386-1 with threaded ends to EN 60423 for mechanical protection of cables.

With burr-free inner wall. One coupling is already screwed onto each pipe.

## Electrogalvanised steel bend, with thread



Type	Thread	Dim. A mm	Dim. B mm	Dim. D mm	Dim. l mm	Dim. R mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SBNM16 G</b>	M16x1,5	45	103	16	13	50	1.4	15	10,400	<b>2046 77 8</b>
<b>SBNM20 G</b>	M20x1,5	55	155	20	13	90	1.6	25	21,000	<b>2046 77 9</b>
<b>SBNM25 G</b>	M25x1,5	68	190	25	18	110	1.6	25	33,000	<b>2046 78 0</b>
<b>SBNM32 G</b>	M32x1,5	88	254	32	18	150	1.6	20	56,600	<b>2046 78 1</b>
<b>SBNM40 G</b>	M40x1,5	89	279	40	20.5	170	1.6	15	77,600	<b>2046 78 2</b>
<b>SBNM50 G</b>	M50x1,5	133	358	50	25	200	1.6	5	125,800	<b>2046 78 3</b>
<b>SBNM63 G</b>	M63x1,5	165	446	63	25	250	1.8	3	227,000	<b>2046 78 4</b>

**St** Steel

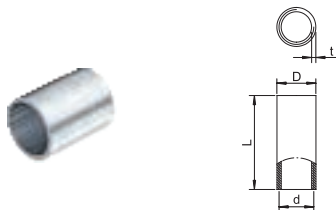
/100 pcs.

**G** Electrogalvanised

90° bend for electrical installation pipes according to EN 61386-1 with threaded ends to DIN EN 60423. With burr-free inner wall.

One connection sleeve is already screwed onto each pipe bend.

## Electrogalvanised steel sleeve, with thread



Type	Thread	Dim. D mm	Dim. d mm	Dim. L mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SVM16W G</b>	M16x1,5	18.5	16	26	2	25	2,110	<b>2046 87 5</b>
<b>SVM20W G</b>	M20x1,5	22.5	20	30	2	50	3,030	<b>2046 87 6</b>
<b>SVM25W G</b>	M25x1,5	27.5	25	40	2	50	5,030	<b>2046 87 7</b>
<b>SVM32W G</b>	M32x1,5	35.5	32	40	2.5	50	8,130	<b>2046 87 8</b>
<b>SVM40W G</b>	M40x1,5	43.5	40	45	2.5	25	11,370	<b>2046 87 9</b>
<b>SVM50W G</b>	M50x1,5	53.5	50	54	2.5	10	16,970	<b>2046 88 0</b>
<b>SVM63W G</b>	M63x1,5	68	63	60	3.2	5	30,670	<b>2046 88 1</b>

**St** Steel

/100 pc.

**G** Electrogalvanised

Accessory part: coupling with thread according to EN 60423 to connect electrical installation pipes and 90° bends.

## Electrogalvanised steel pipe, without thread



Type	Dim.	Dim.	Dim.	Pack.	Weight		Item No.
	D	L	t		m	kg/100 m	
<b>S16W G</b>	16	3000	1	30	37,000		<b>2046 84 0</b>
<b>S20W G</b>	20	3000	1	30	46,900		<b>2046 84 1</b>
<b>S25W G</b>	25	3000	1.2	30	70,400		<b>2046 84 2</b>
<b>S32W G</b>	32	3000	1.2	21	91,100		<b>2046 84 3</b>
<b>S40W G</b>	40	3000	1.2	15	114,780		<b>2046 84 4</b>
<b>S50W G</b>	50	3000	1.2	15	179,400		<b>2046 84 5</b>
<b>S63W G</b>	63	3000	1.2	9	227,500		<b>2046 84 6</b>

St Steel

price/100 m

G Electrogalvanised

Electrical installation pipe without threaded ends according to EN 61386-1 for mechanical protection of cables. With burr-free inner wall.



4 | 4 | 5 | 7 | 1

## Electrogalvanised steel bend, without thread



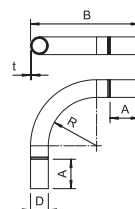
Type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Pack.	Weight		Item No.
	A	B	D	l	R	t		pcs	kg/100 pcs.	
<b>SBN16 G</b>	43.7	103	18.6	25	50	1	15	7,200		<b>2046 80 8</b>
<b>SBN20 G</b>	53.7	155	22.6	30	90	1	25	13,300		<b>2046 80 9</b>
<b>SBN25 G</b>	66.5	190	28	40	110	1.2	25	24,400		<b>2046 81 0</b>
<b>SBN32 G</b>	86.5	254	35.1	40	150	1.2	20	41,000		<b>2046 81 1</b>
<b>SBN40 G</b>	87.2	279	43.7	50	170	1.5	15	70,200		<b>2046 81 2</b>
<b>SBN50 G</b>	131	358	54	60	200	1.5	5	111,800		<b>2046 81 3</b>
<b>SBN63 G</b>	163	446	67	90	250	1.5	3	174,200		<b>2046 81 4</b>

St Steel

/100 pc.

G Electrogalvanised

90° bend with moulded sleeves, for electrical installation pipes according to EN 61386-1. With burr-free inner wall.



## Electrogalvanised steel sleeve, without thread



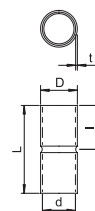
Type	Dim.	Dim.	Dim.	Dim.	Dim.	Pack.	Weight		Item No.
	D	d	L	l	t		pcs	kg/100 pcs.	
<b>SV16W G</b>	18.6	16.6	50	25	1	25	2,200		<b>2046 85 4</b>
<b>SV20W G</b>	23.1	20.7	60	30	1.2	50	3,200		<b>2046 85 5</b>
<b>SV25W G</b>	28.1	25.7	60	30	1.2	50	5,600		<b>2046 85 6</b>
<b>SV32W G</b>	35.2	32.8	70	35	1.2	50	7,100		<b>2046 85 7</b>
<b>SV40W G</b>	43.8	43.8	80	40	1.5	25	12,500		<b>2046 85 8</b>
<b>SV50W G</b>	54	51	100	50	1.5	10	19,400		<b>2046 85 9</b>
<b>SV63W G</b>	67	64	100	50	1.5	5	24,300		<b>2046 86 0</b>

St Steel

/100 pc.

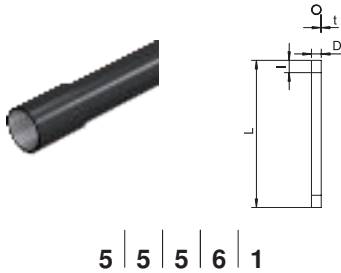
G Electrogalvanised

Accessory part: plug-in sleeve for the connections between electrical installation pipes. With burr-free inner wall.





### Black powder-coated steel pipe, with thread



5 | 5 | 5 | 6 | 1



Type	Thread	Dim. D mm	Dim. L mm	Dim. l mm	Dim. t mm	Colour	Pack. m	Weight kg/100 m	Item No.
SM16W SW	M16x1,5	16	3000	13	1.3	Jet black	30	50,000	2046 50 0
SM20W SW	M20x1,5	20	3000	13	1.5	Jet black	30	73,000	2046 50 1
SM25W SW	M25x1,5	25	3000	18	1.5	Jet black	30	92,000	2046 50 2
SM32W SW	M32x1,5	32	3000	18	1.5	Jet black	21	120,000	2046 50 3
SM40W SW	M40x1,5	40	3000	20.5	1.5	Jet black	15	152,000	2046 50 5
SM50W SW	M50x1,5	50	3000	25	1.5	Jet black	15	190,700	2046 50 6
SM63W SW	M63x1,5	63	3000	25	1.7	Jet black	9	287,700	2046 50 7

St Steel

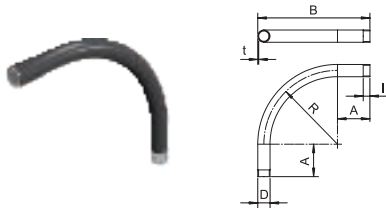
price/100 m

PE50 PES50 - Polyester / epoxy

Electrical installation pipe according to EN 61386-1 with threaded ends to EN 60423 for mechanical protection of cables.

With burr-free inner wall. One coupling is already screwed onto each pipe.

### Black powder-coated steel bend, with thread



Type	Thread	Dim. A mm	Dim. B mm	Dim. D mm	Dim. l mm	Dim. R mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SBNM16 SW	M16x1,5	45	103	16	13	50	1.4	15	10,400	2046 79 3
SBNM20 SW	M20x1,5	55	155	20	13	90	1.6	25	21,000	2046 79 4
SBNM25 SW	M25x1,5	68	190	25	18	110	1.6	25	33,000	2046 79 5
SBNM32 SW	M32x1,5	88	254	32	18	150	1.6	20	56,600	2046 79 6
SBNM40 SW	M40x1,5	89	279	40	20.5	170	1.6	15	77,600	2046 79 7
SBNM50 SW	M50x1,5	133	358	50	25	200	1.6	5	125,800	2046 79 8
SBNM63 SW	M63x1,5	165	446	63	25	250	1.8	3	227,000	2046 79 9

St Steel

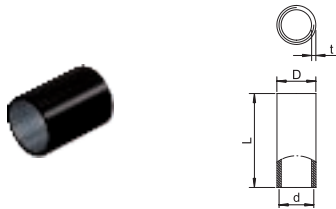
/100 pc.

PE50 PES50 - Polyester / epoxy

90° bend for electrical installation pipes according to EN 61386-1 with threaded ends to DIN EN 60423. With burr-free inner wall.

One connection sleeve is already screwed onto each pipe bend.

### Black powder-coated steel sleeve, with thread



Type	Thread	Dim. D mm	Dim. d mm	Dim. L mm	Dim. t mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
SVM16W SW	M16x1,5	18.5	16	26	2	Jet black	25	2,100	2046 52 2
SVM20W SW	M20x1,5	22.5	20	30	2	Jet black	50	3,000	2046 52 3
SVM25W SW	M25x1,5	27.5	25	40	2	Jet black	50	5,000	2046 52 4
SVM32W SW	M32x1,5	35.5	32	40	2.5	Jet black	50	8,100	2046 52 5
SVM40W SW	M40x1,5	43.5	40	45	2.5	Jet black	25	11,400	2046 52 6
SVM50W SW	M50x1,5	53.5	50	54	2.5	Jet black	10	17,000	2046 52 7
SVM63W SW	M63x1,5	68	63	60	3.2	Jet black	5	30,700	2046 52 8

St Steel

/100 pc.

PE50 PES50 - Polyester / epoxy

Accessory part: coupling with thread according to EN 60423 to connect electrical installation pipes and 90° bends.

## Black powder-coated steel pipe, without thread



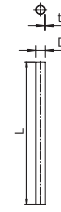
Type	Dim.	Dim.	Dim.	Colour	Pack.	Weight		Item No.
	D	L	t			m	kg/100 m	
S16W SW	16	3000	1	Jet black	30	37,000		2046 56 5
S20W SW	20	3000	1	Jet black	30	47,000		2046 56 6
S25W SW	25	3000	1.2	Jet black	30	70,000		2046 56 7
S32W SW	32	3000	1.2	Jet black	21	91,000		2046 56 8
S40W SW	40	3000	1.2	Jet black	15	114,700		2046 56 9
S50W SW	50	3000	1.2	Jet black	15	179,400		2046 57 0
S63W SW	63	3000	1.2	Jet black	9	182,700		2046 57 1

St Steel

price/100 m

PE50 PES50 - Polyester / epoxy

Electrical installation pipe without threaded ends according to EN 61386-1 for mechanical protection of cables. With burr-free inner wall.



4 | 4 | 5 | 6 | 1

## Black powder-coated steel bend, without thread



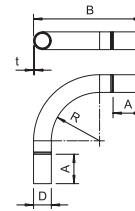
Type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Colour	Pack.	Weight		Item No.
	A	B	D	l	R	t			pcs	kg/100 pcs.	
SBN16 SW	43.7	103	16.6	25	50	1	Jet black	15	7,200		2046 82 4
SBN20 SW	53.7	155	20.6	30	90	1	Jet black	25	13,300		2046 82 5
SBN25 SW	66.5	190	25.6	40	110	1.2	Jet black	25	24,400		2046 82 6
SBN32 SW	86.5	254	32.7	40	150	1.2	Jet black	20	41,000		2046 82 7
SBN40 SW	87.2	279	40.7	50	170	1.5	Jet black	15	68,900		2046 82 8
SBN50 SW	131	358	51	60	200	1.5	Jet black	5	111,800		2046 82 9
SBN63 SW	163	446	64	90	250	1.5	Jet black	3	174,200		2046 83 0

St Steel

/100 pc.

PE50 PES50 - Polyester / epoxy

90° bend with moulded sleeves, for electrical installation pipes according to EN 61386-1. With burr-free inner wall.



## Black powder-coated steel sleeve, without thread



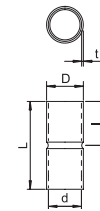
Type	Dim.	Dim.	Dim.	Dim.	Dim.	Colour	Pack.	Weight		Item No.
	D	d	L	l	t			pcs	kg/100 pcs.	
SV16W SW	18.6	16.6	50	25	1	Jet black	25	2,200		2046 58 2
SV20W SW	23.1	20.7	60	30	1.2	Jet black	50	3,200		2046 58 3
SV25W SW	28.1	25.7	60	30	1.2	Jet black	50	5,600		2046 58 4
SV32W SW	35.2	32.8	70	35	1.2	Jet black	50	7,100		2046 58 5
SV40W SW	43.8	40.8	80	40	1.5	Jet black	25	12,500		2046 58 6
SV50W SW	54	51	100	50	1.5	Jet black	10	19,400		2046 58 7
SV63W SW	67	64	100	50	1.5	Jet black	5	24,300		2046 58 8

St Steel

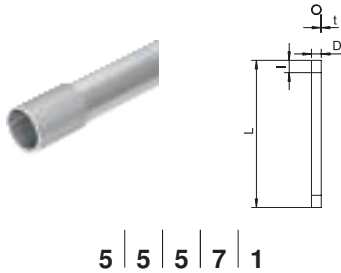
/100 pc.

PE50 PES50 - Polyester / epoxy

Accessory part: plug-in sleeve for the connections between electrical installation pipes. With burr-free inner wall.



### Hot-dip galvanised steel pipe, with thread



Type	Thread	Dim. D mm	Dim. L mm	Dim. I mm	Dim. t mm	Pack. m	Weight kg/100 m	Item No.
<b>SM16W FT</b>	M16x1,5	16	3000	13	1.3	30	54,000	<b>2046 53 3</b>
<b>SM20W FT</b>	M20x1,5	20	3000	13	1.5	30	79,000	<b>2046 53 4</b>
<b>SM25W FT</b>	M25x1,5	25	3000	18	1.5	30	99,000	<b>2046 53 5</b>
<b>SM32W FT</b>	M32x1,5	32	3000	18	1.5	21	130,000	<b>2046 53 6</b>
<b>SM40W FT</b>	M40x1,5	40	3000	20.5	1.5	15	164,000	<b>2046 53 7</b>
<b>SM50W FT</b>	M50x1,5	50	3000	25	1.5	15	206,000	<b>2046 53 8</b>
<b>SM63W FT</b>	M63x1,5	63	3000	26	1.8	9	324,700	<b>2046 54 0</b>

St Steel

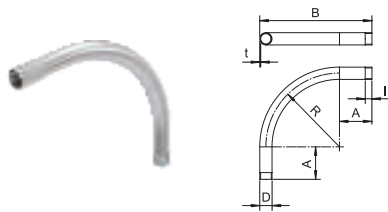
price/100 m

FT Hot-dip galvanised

Electrical installation pipe according to EN 61386-1 with threaded ends to EN 60423 for mechanical protection of cables.

With burr-free inner wall. Corrosion protection class 4 (high). One coupling is already screwed onto each pipe.

### Hot-dip galvanised steel bend, with thread



Type	Thread	Dim. A mm	Dim. B mm	Dim. D mm	Dim. I mm	Dim. R mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SBNM16 FT</b>	M16x1,5	45	103	16	13	50	1.4	15	10,400	<b>2046 78 6</b>
<b>SBNM20 FT</b>	M20x1,5	55	155	20	13	90	1.6	25	21,000	<b>2046 78 7</b>
<b>SBNM25 FT</b>	M25x1,5	68	190	25	18	110	1.6	25	33,000	<b>2046 78 8</b>
<b>SBNM32 FT</b>	M32x1,5	88	254	32	18	150	1.6	20	56,600	<b>2046 78 9</b>
<b>SBNM40 FT</b>	M40x1,5	89	279	40	20.5	170	1.6	15	77,600	<b>2046 79 0</b>
<b>SBNM50 FT</b>	M50x1,5	133	358	50	25	200	1.6	5	125,800	<b>2046 79 1</b>
<b>SBNM63 FT</b>	M63x1,5	165	446	63	25	250	1.8	3	227,000	<b>2046 79 2</b>

St Steel

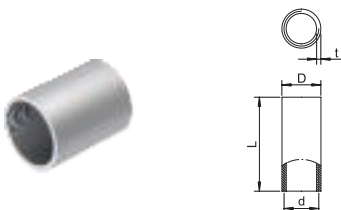
/100 pc.

FT Hot-dip galvanised

90° bend for electrical installation pipes according to EN 61386-1 with threaded ends to DIN EN 60423. With burr-free inner wall.

One connection sleeve is already screwed onto each pipe bend.

### Zinc-nickel coated steel sleeve, with thread



Type	Thread	Dim. D mm	Dim. d mm	Dim. L mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SVM16W DN</b>	M16x1,5	18.5	16	26	2	25	2,100	<b>2046 55 3</b>
<b>SVM20W DN</b>	M20x1,5	22.5	20	30	2	50	3,000	<b>2046 55 4</b>
<b>SVM25W DN</b>	M25x1,5	27.5	25	40	2	50	3,986	<b>2046 55 6</b>
<b>SVM32W DN</b>	M32x1,5	35.5	32	40	2.5	50	8,100	<b>2046 55 7</b>
<b>SVM40W DN</b>	M40x1,5	43.5	40	45	2.5	25	11,400	<b>2046 55 8</b>
<b>SVM50W DN</b>	M50x1,5	53.5	50	54	2.5	10	17,000	<b>2046 55 9</b>
<b>SVM63W DN</b>	M63x1,5	68	63	60	3.2	5	30,700	<b>2046 56 0</b>

St Steel

/100 pc.

DN Zinc / nickel-coated

Accessory part: pipe connection sleeve with thread to DIN EN 60423 to connect electrical installation pipes and 90° bends.

### Hot-dip galvanised steel pipe, without thread

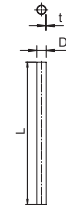


Type	Dim.	Dim.	Dim.	Pack.	Weight		Item No.
	D	L	t		m	kg/100 m	
	mm	mm	mm				
<b>S16W FT</b>	16	3000	1	30	40,000		<b>2046 59 3</b>
<b>S20W FT</b>	20	3000	1	30	51,000		<b>2046 59 4</b>
<b>S25W FT</b>	25	3000	1.2	30	70,000		<b>2046 59 5</b>
<b>S32W FT</b>	32	3000	1.2	21	98,000		<b>2046 59 6</b>
<b>S40W FT</b>	40	3000	1.2	15	124,000		<b>2046 59 7</b>
<b>S50W FT</b>	50	3000	1.2	15	179,400		<b>2046 59 8</b>
<b>S63W FT</b>	63	3000	1.2	9	198,000		<b>2046 59 9</b>

St Steel price/100 m

FT Hot-dip galvanised

Electrical installation pipe without threaded ends according to EN 61386-1 for mechanical protection of cables. With burr-free inner wall. Corrosion protection class 4 (high).



4 | 4 | 5 | 7 | 1

### Hot-dip galvanised steel bend, without thread

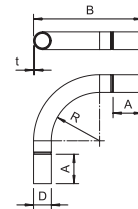


Type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Pack.	Weight		Item No.
	A	B	D	l	R	t		pcs	kg/100 pcs.	
	mm	mm	mm	mm	mm	mm				
<b>SBN16 FT</b>	43.7	103	16.6	25	50	1	15	7,200		<b>2046 81 6</b>
<b>SBN20 FT</b>	53.7	155	20.6	30	90	1	25	13,300		<b>2046 81 7</b>
<b>SBN25 FT</b>	66.5	190	25.6	40	110	1.2	25	24,400		<b>2046 81 8</b>
<b>SBN32 FT</b>	86.5	254	32.7	40	150	1.2	20	41,000		<b>2046 81 9</b>
<b>SBN40 FT</b>	87.2	279	40.7	50	170	1.5	15	68,900		<b>2046 82 0</b>
<b>SBN50 FT</b>	131	358	51	60	200	1.5	5	111,800		<b>2046 82 1</b>
<b>SBN63 FT</b>	163	446	64	90	250	1.5	3	174,200		<b>2046 82 2</b>

St Steel /100 pcs.

FT Hot-dip galvanised

90° bend with moulded sleeves, for electrical installation pipes according to EN 61386-1. With burr-free inner wall.



### Hot-dip galvanised steel sleeve, without thread

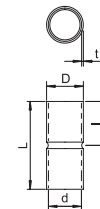


Type	Dim.	Dim.	Dim.	Dim.	Dim.	Pack.	Weight		Item No.
	D	d	L	l	t		pcs	kg/100 pcs.	
	mm	mm	mm	mm	mm				
<b>SV16W FT</b>	18.6	16.6	50	25	1	25	2,200		<b>2046 62 0</b>
<b>SV20W FT</b>	23.1	20.7	60	30	1.2	50	3,200		<b>2046 62 1</b>
<b>SV25W FT</b>	28.1	25.7	60	30	1.2	50	5,600		<b>2046 62 2</b>
<b>SV32W FT</b>	35.2	32.8	70	35	1.2	50	7,100		<b>2046 62 3</b>
<b>SV40W FT</b>	43.8	40.8	80	40	1.5	25	12,500		<b>2046 62 4</b>
<b>SV50W FT</b>	54	51	100	50	1.5	10	19,400		<b>2046 62 5</b>
<b>SV63W FT</b>	67	63	100	50	1.5	5	24,300		<b>2046 62 6</b>

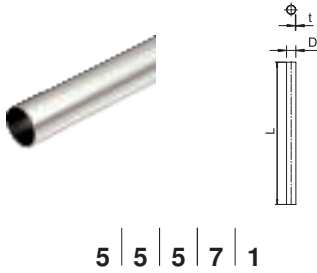
St Steel /100 pcs.

FT Hot-dip galvanised

Accessory part: plug-in sleeve for the connections between electrical installation pipes. With burr-free inner wall.



### Stainless steel pipe, V2A



Type	Dim. D mm	Dim. L mm	Dim. t mm	Pack. m	Weight kg/100 m	Item No.
<b>S16W V2A</b>	16	3000	1	30	37,000	<b>2046 72 0</b>
<b>S20W V2A</b>	20	3000	1	30	46,900	<b>2046 72 1</b>
<b>S25W V2A</b>	25	3000	1	30	59,200	<b>2046 72 2</b>
<b>S32W V2A</b>	32	3000	1.2	21	91,200	<b>2046 72 3</b>
<b>S40W V2A</b>	40	3000	1.2	15	114,800	<b>2046 72 4</b>
<b>S50W V2A</b>	50	3000	1.5	15	179,400	<b>2046 72 5</b>
<b>S63W V2A</b>	63	3000	1.5	9	227,500	<b>2046 72 6</b>

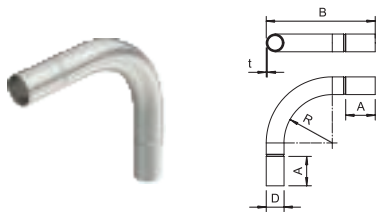
V2A Stainless steel, grade 304

price/100 m

GEB Brushed

Electrical installation pipe without threaded ends to EN 61386-1 for mechanical protection of cables. With burr-free inner wall. Corrosion protection class 4 (high). Classification according to DIN EN 61386-1: 555711404010

### Stainless steel pipe bend, V2A



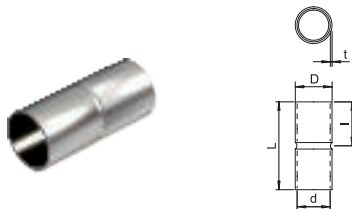
Type	Dim. A mm	Dim. B mm	Dim. D mm	Dim. l mm	Dim. R mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SB16W V2A</b>	54	104	18.2	25	50	1	15	7,250	<b>2046 73 0</b>
<b>SB20W V2A</b>	66	156	22.2	30	90	1	25	13,300	<b>2046 73 1</b>
<b>SB25W V2A</b>	81.5	194	27.2	30	112.5	1	25	20,400	<b>2046 73 2</b>
<b>SB32W V2A</b>	104	250	34.7	35	146	1.25	20	42,000	<b>2046 73 3</b>
<b>SB40W V2A</b>	129	294	42.7	40	165	1.25	15	61,200	<b>2046 73 4</b>
<b>SB50W V2A</b>	158	408	52.7	50	250	1.25	5	100,000	<b>2046 73 5</b>
<b>SB63W V2A</b>	198	448	65.7	50	250	1.25	3	120,000	<b>2046 73 6</b>

V2A Stainless steel, grade 304

/100 pc.

90° bend with moulded sleeves, for electrical installation pipes according to EN 61386-1. With burr-free inner wall.

### Stainless steel pipe connection sleeve, V2A



Type	Dim. D mm	Dim. d mm	Dim. L mm	Dim. l mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SV16W V2A</b>	18.2	16.2	50	25	1	25	2,100	<b>2046 74 0</b>
<b>SV20W V2A</b>	22.2	20.2	60	30	1	50	3,100	<b>2046 74 1</b>
<b>SV25W V2A</b>	27.2	25.2	60	30	1	50	3,900	<b>2046 74 2</b>
<b>SV32W V2A</b>	34.7	32.2	70	35	1.25	50	7,200	<b>2046 74 3</b>
<b>SV40W V2A</b>	42.7	40.2	80	40	1.25	25	10,300	<b>2046 74 4</b>
<b>SV50W V2A</b>	52.8	50.2	100	50	1.3	10	16,000	<b>2046 74 5</b>
<b>SV63W V2A</b>	65.8	63.2	100	50	1.3	5	20,100	<b>2046 74 6</b>

V2A Stainless steel, grade 304

/100 pc.

Accessory part: plug-in sleeve for the connections between electrical installation pipes. With burr-free inner wall.





## Stainless steel pipe, V4A

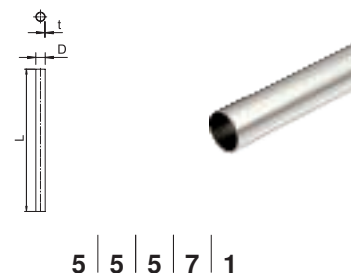
Type	Dim.	Dim.	Dim.	Pack.	Weight	Item No.
	D	L	t			
	mm	mm	mm	m	kg/100 m	
<b>S16W V4A</b>	16	3000	1	15	37,000	<b>2046 75 0</b>
<b>S20W V4A</b>	20	3000	1	15	46,900	<b>2046 75 1</b>
<b>S25W V4A</b>	25	3000	1	15	59,200	<b>2046 75 2</b>
<b>S32W V4A</b>	32	3000	1.2	15	91,200	<b>2046 75 3</b>
<b>S40W V4A</b>	40	3000	1.2	9	114,800	<b>2046 75 4</b>
<b>S50W V4A</b>	50	3000	1.5	9	179,400	<b>2046 75 5</b>
<b>S63W V4A</b>	63	3000	1.5	9	227,500	<b>2046 75 6</b>

V4A Stainless steel, grade 316 Ti

price/100 m

GEB Brushed

Electrical installation pipe without threaded ends to EN 61386-1 for mechanical protection of cables. With burr-free inner wall. Corrosion protection class 4 (high).



5 | 5 | 5 | 7 | 1

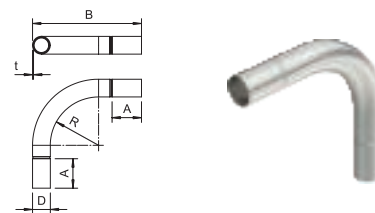
## Stainless steel pipe bend, V4A

Type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Pack.	Weight	Item No.
	A	B	D	l	R	t			
	mm	mm	mm	mm	mm	mm	pcs	kg/100 pcs.	
<b>SB16W V4A</b>	54	104	18.2	25	50	1	5	7,200	<b>2046 76 0</b>
<b>SB20W V4A</b>	66	156	22.2	30	90	1	10	13,300	<b>2046 76 1</b>
<b>SB25W V4A</b>	81.5	194	27.2	30	112.5	1	10	20,400	<b>2046 76 2</b>
<b>SB32W V4A</b>	104	250	34.7	35	146	1.25	10	42,000	<b>2046 76 3</b>
<b>SB40W V4A</b>	129	294	42.7	40	165	1.25	5	61,200	<b>2046 76 4</b>
<b>SB50W V4A</b>	158	408	52.7	50	250	1.25	5	79,500	<b>2046 76 5</b>
<b>SB63W V4A</b>	198	448	65.7	50	250	1.25	3	144,600	<b>2046 76 6</b>

V4A Stainless steel, grade 316 Ti

/100 pc.

90° bend with moulded sleeves, for electrical installation pipes according to EN 61386-1. With burr-free inner wall.



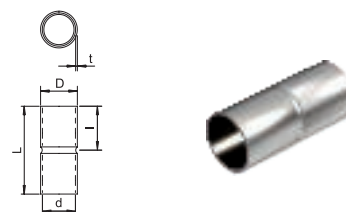
## Stainless steel sleeve V4A

Type	Dim.	Dim.	Dim.	Dim.	Dim.	Pack.	Weight	Item No.
	D	d	L	l	t			
	mm	mm	mm	mm	mm	pcs	kg/100 pcs.	
<b>SV16W V4A</b>	18.2	16.2	50	25	1	10	2,100	<b>2046 77 0</b>
<b>SV20W V4A</b>	22.2	20.2	60	30	1	15	3,200	<b>2046 77 1</b>
<b>SV25W V4A</b>	27.2	25.2	60	30	1	15	3,900	<b>2046 77 2</b>
<b>SV32W V4A</b>	34.7	32.2	70	35	1.25	15	7,300	<b>2046 77 3</b>
<b>SV40W V4A</b>	42.7	40.2	80	40	1.25	10	10,300	<b>2046 77 4</b>
<b>SV50W V4A</b>	52.8	50.2	100	50	1.3	5	16,700	<b>2046 77 5</b>
<b>SV63W V4A</b>	65.8	63.2	100	50	1.3	3	20,900	<b>2046 77 6</b>

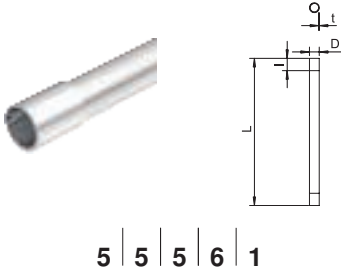
V4A Stainless steel, grade 316 Ti

/100 pc.

Accessory part: plug-in sleeve for the connections between electrical installation pipes. With burr-free inner wall.



Aluminium pipe, with thread



M

Type	Thread	Dim. D mm	Dim. L mm	Dim. t mm	Pack. m	Weight kg/100 m	Item No.
<b>SM16W ALU</b>	M16x1,5	16	3000	1.6	30	20,000	<b>2046 03 2</b>
<b>SM20W ALU</b>	M20x1,5	20	3000	1.9	30	30,000	<b>2046 03 3</b>
<b>SM25W ALU</b>	M25x1,5	25	3000	1.9	30	36,700	<b>2046 03 4</b>
<b>SM32W ALU</b>	M32x1,5	32	3000	1.9	30	50,000	<b>2046 03 5</b>
<b>SM40W ALU</b>	M40x1,5	40	3000	1.9	15	60,000	<b>2046 03 6</b>
<b>SM50W ALU</b>	M50x1,5	50	3000	2.1	15	86,700	<b>2046 03 7</b>
<b>SM63W ALU</b>	M63x1,5	63	3000	2.1	15	110,000	<b>2046 03 8</b>

Alu Aluminium

price/100 m

Electrical installation pipe to EN 61386-1 with threaded ends to DIN EN 60423 for mechanical protection of cables.

With burr-free inner wall. One connection sleeve is already screwed onto each pipe.



## Aluminium pipe bend, with thread

M

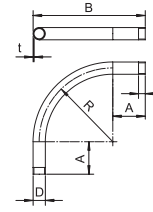
Type	Thread	Dim. A mm	Dim. B mm	Dim. D mm	Dim. l mm	Dim. R mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SBM16W ALU</b>	M16x1,5	78	150	16	15	64	1.6	15	3,300	<b>2046 04 2</b>
<b>SBM20W ALU</b>	M20x1,5	80	170	20	15	80	1.9	25	7,300	<b>2046 04 3</b>
<b>SBM25W ALU</b>	M25x1,5	93	208	25	20	102.5	1.9	25	11,500	<b>2046 04 4</b>
<b>SBM32W ALU</b>	M32x1,5	105	252	32	20	131	1.9	20	20,000	<b>2046 04 5</b>
<b>SBM40W ALU</b>	M40x1,5	115	300	40	20	165	1.9	15	27,300	<b>2046 04 6</b>
<b>SBM50W ALU</b>	M50x1,5	128	358	50	25	205	2.1	5	49,500	<b>2046 04 7</b>
<b>SBM63W ALU</b>	M63x1,5	135	423	63	25	256.5	2.1	3	78,400	<b>2046 04 8</b>

Alu Aluminium

/100 pc.

90° bend for electrical installation pipes according to EN 61386-1 with threaded ends to DIN EN 60423. With burr-free inner wall.

One connection sleeve is already screwed onto each pipe bend.



## Aluminium sleeve, with thread

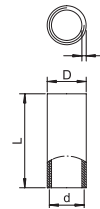
M

Type	Thread	Dim. D mm	Dim. d mm	Dim. L mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SVM16W ALU</b>	M16x1,5	18.5	16	35	2.25	50	0,800	<b>2046 05 2</b>
<b>SVM20W ALU</b>	M20x1,5	22.5	20	35	2.25	50	0,900	<b>2046 05 3</b>
<b>SVM25W ALU</b>	M25x1,5	28	25	45	2.5	50	1,800	<b>2046 05 4</b>
<b>SVM32W ALU</b>	M32x1,5	35	32	45	2.5	50	2,250	<b>2046 05 5</b>
<b>SVM40W ALU</b>	M40x1,5	43.5	40	45	2.75	20	3,100	<b>2046 05 6</b>
<b>SVM50W ALU</b>	M50x1,5	53.5	50	55	2.75	20	5,500	<b>2046 05 7</b>
<b>SVM63W ALU</b>	M63x1,5	66.5	63	55	2.8	20	6,200	<b>2046 05 8</b>

Alu Aluminium

/100 pc.

Accessory part: coupling with thread according to EN 60423 to connect electrical installation pipes and 90° bends.



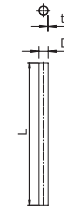
## Aluminium pipe, without thread

Type	Dim. D mm	Dim. L mm	Dim. t mm	Pack. m	Weight kg/100 m	Item No.
<b>S16W ALU</b>	16	3000	1.2	30	15,067	<b>2046 00 2</b>
<b>S20W ALU</b>	20	3000	1.2	30	19,134	<b>2046 00 3</b>
<b>S25W ALU</b>	25	3000	1.3	30	26,134	<b>2046 00 4</b>
<b>S32W ALU</b>	32	3000	1.3	30	33,834	<b>2046 00 5</b>
<b>S40W ALU</b>	40	3000	1.4	15	45,800	<b>2046 00 6</b>
<b>S50W ALU</b>	50	3000	1.4	15	57,700	<b>2046 00 7</b>
<b>S63W ALU</b>	63	3000	1.7	15	88,334	<b>2046 00 8</b>

Alu Aluminium

price/100 m

Electrical installation pipe without threaded ends to EN 61386-1 for mechanical protection of cables. With burr-free inner wall.



4 | 4 | 5 | 6 | 1

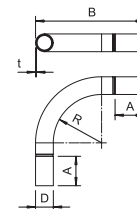
## Aluminium pipe bend, without thread

Type	Dim. A mm	Dim. B mm	Dim. D mm	Dim. l mm	Dim. R mm	Dim. t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SB16W ALU</b>	78	151	16	28	64	1.2	15	2,350	<b>2046 01 2</b>
<b>SB20W ALU</b>	80	171	20	30	80	1.2	25	5,500	<b>2046 01 3</b>
<b>SB25W ALU</b>	93	209	25	38	102.5	1.3	25	9,000	<b>2046 01 4</b>
<b>SB32W ALU</b>	105	253	32	40	131	1.3	20	14,100	<b>2046 01 5</b>
<b>SB40W ALU</b>	115	302	40	50	165	1.4	15	22,400	<b>2046 01 6</b>
<b>SB50W ALU</b>	128	360	50	63	205	1.4	5	35,400	<b>2046 01 7</b>
<b>SB63W ALU</b>	135	425	63	70	256.5	1.7	3	59,500	<b>2046 01 8</b>

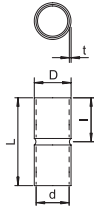
Alu Aluminium

/100 pc.

90° bend with moulded sleeves, for electrical installation pipes according to EN 61386-1. With burr-free inner wall.



Aluminium sleeve, without thread



Type	Dim.	Dim.	Dim.	Pack.	Weight	Item No.	
	M	L mm	D mm				t mm
<b>SV16W ALU</b>	16	40	18.6	1.2	50	0,700	<b>2046 02 2</b>
<b>SV20W ALU</b>	22.6	20.2	50	25	1.2	50	<b>2046 02 3</b>
<b>SV25W ALU</b>	27.6	25.2	60	30	1.2	50	<b>2046 02 4</b>
<b>SV32W ALU</b>	34.6	32.2	70	35	1.2	50	<b>2046 02 5</b>
<b>SV40W ALU</b>	43	40.2	70	35	1.4	20	<b>2046 02 6</b>
<b>SV50W ALU</b>	53	50.2	90	45	1.4	20	<b>2046 02 7</b>
<b>SV63W ALU</b>	66.2	63.2	110	55	1.5	20	<b>2046 02 8</b>

Alu Aluminium

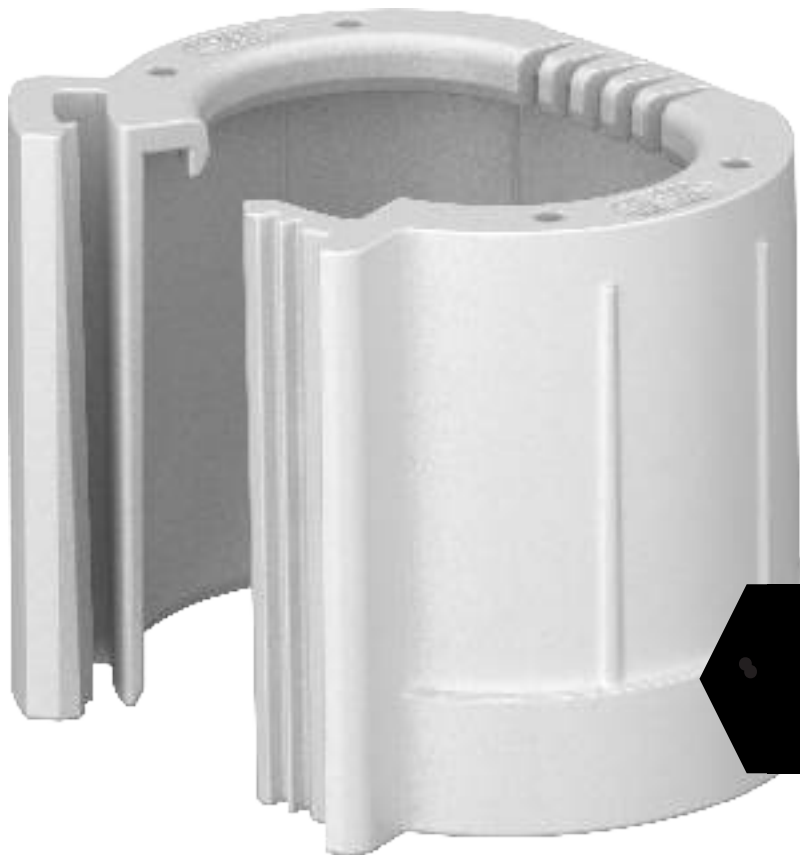
/100 pc.

Accessory part: plug-in sleeve for the connections between electrical installation pipes. With burr-free inner wall.



## Separable pipe end cap 129 TB

- + For quick repairs or reinstallation
- + Protects cables against sharp-edged pipe ends
- + Draining holes against frost damage through condensation build-up
- + Reinstallation through locking snap closure
- + UV-stable and halogen-free thanks to high-quality plastic
- + 2 colours – 7 sizes



Now so easy to install later on

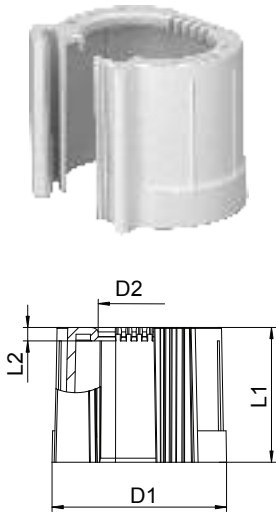
Small problem – major work: Reinstallation of defective pipe end caps on metal pipes has always been an unpopular and costly task. Now, the splittable pipe end cap means that that is no

longer the case. Open, plug it on, push it together – and you're done! Without any need to dismantle the installation.





## Pipe end cap, separable



Type	Size	Dim. D1 mm	Dim. D2 mm	Dim. L1 mm	Dim. L2 mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
129 TB M16	M16	20	10	30	3	Light grey	50	0,400	2047 81 2
129 TB M20	M20	24	13.4	30	3	Light grey	50	0,440	2047 83 1
129 TB M25	M25	30	18.4	30	3	Light grey	50	0,576	2047 83 9
129 TB M32	M32	36	25.4	30	3	Light grey	50	0,656	2047 85 5
129 TB M40	M40	44	33.4	30	3	Light grey	30	0,790	2047 86 3
129 TB M50	M50	53	43	30	3	Light grey	30	0,935	2047 89 0
129 TB M63	M63	67	56	30	3	Light grey	20	1,140	2047 89 8
129 TB M16 SW	M16	20	10	30	3	Black	50	0,400	2047 93 6
129 TB M20 SW	M20	24	13.4	30	3	Black	50	0,440	2047 94 4
129 TB M25 SW	M25	30	18.4	30	3	Black	50	0,576	2047 95 2
129 TB M32 SW	M32	36	25.4	30	3	Black	50	0,656	2047 97 1
129 TB M40 SW	M40	44	33.4	30	3	Black	30	0,790	2047 97 9
129 TB M50 SW	M50	53	43	30	3	Black	30	0,935	2047 98 7
129 TB M63 SW	M63	67	56	30	3	Black	20	1,140	2047 99 5

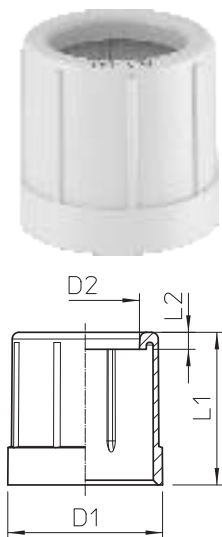
PE Polyethylene

/100 pc.

Separable pipe end cap to slot onto metric electrical installation pipes.

The separable pipe end cap can be used for repairs on existing installations according to regulations. It is not necessary to disconnect the cables, allowing quick mounting.

## Pipe end cap, metric



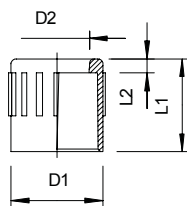
Type	Size	Dim. D1 mm	Dim. D2 mm	Dim. L1 mm	Dim. L2 mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
129 M16	M16	19.4	12.5	18	2	Light grey	100	0,235	2047 81 0
129 M20	M20	23.4	16	22.5	2.5	Light grey	100	0,326	2047 82 9
129 M25	M25	28.4	21	27.5	2.5	Light grey	50	0,614	2047 83 7
129 M32	M32	35.4	27.5	34	3	Light grey	50	1,070	2047 85 3
129 M40	M40	43.4	35	41	3	Light grey	50	1,444	2047 86 1
129 M50	M50	53.4	44.5	48	3	Light grey	25	2,176	2047 88 8
129 M63	M63	66.4	55	59	4	Light grey	25	2,808	2047 89 6
129 M16 SW	M16	19.4	12.5	18	2	Black	100	0,235	2047 93 4
129 M20 SW	M20	23.4	16	22.5	2.5	Black	100	0,326	2047 94 2
129 M25 SW	M25	28.4	21	27.5	2.5	Black	50	0,614	2047 95 0
129 M32 SW	M32	35.4	27.5	34	3	Black	50	1,070	2047 96 9
129 M40 SW	M40	43.4	35	41	3	Black	50	1,444	2047 97 7
129 M50 SW	M50	53.4	44.5	48	3	Black	25	2,176	2047 98 5
129 M63 SW	M63	66.4	55	59	4	Black	25	2,808	2047 99 3

PE Polyethylene

/100 pc.

Pipe end sleeve to slot onto electrical installation pipes, metric.

## Pipe end cap, PG



Type	Size	Colour	Dim. D1 mm	Dim. D2 mm	Dim. L1 mm	Dim. L2 mm	Pack. pcs	Weight kg/100 pcs.	Item No.
129 PG9	Pg 9	Light grey	18.3	12	20	4	100	0,235	2044 09 9
129 PG11	Pg 11	Light grey	21.7	15	22	4	100	0,276	2044 11 0
129 PG13.5	Pg 13,5	Light grey	23.5	16	24	4	100	0,326	2044 13 7
129 PG16	Pg 16	Light grey	25.6	18	26	4	100	0,400	2044 16 1
129 PG21	Pg 21	Light grey	31.6	24	30	4	50	0,614	2044 21 8
129 PG29	Pg 29	Light grey	40.3	32.5	38	4	50	1,070	2044 29 3
129 PG36	Pg 36	Light grey	50.8	40	44	4	50	1,444	2044 36 6
129 PG42	Pg 42	Light grey	58.2	46	50	4	25	2,176	2044 42 0
129 PG48	Pg 48	Light grey	63.9	50	56	4	25	2,808	2044 47 1

PE Polyethylene

/100 pc.

Pipe end cap to slot onto electrical installation pipes, PG.

### Quick clip, aluminium

Type	Nominal size	Pack. pcs	Weight kg/100 pcs.	Item No.
ALQ M16	16	100	0,780	2149 91 6
ALQ M20	20	100	0,900	2149 92 0
ALQ M25	25	100	1,110	2149 92 5
ALQ M32	32	50	1,600	2149 93 2
ALQ M40	40	50	2,400	2149 94 0
ALQ M50	50	25	2,730	2149 95 0
ALQ M63	63	20	3,340	2149 96 3

Alu Aluminium

/100 pc.

OBO Quick clip, type ALQ M, for all metric ALU pipe systems, as well as light-duty and heavy-duty insulation pipes. Suitable for mounting the OBO pipe system, material: aluminium. Pipe centring aids allow optimal attachment of the pipe and automatically turn the clip into the correct position.

Slot for side alignment during mounting with wood screw or knock-in anchor.

Recommended fastening spacing 50–60 cm.



### Plug-in seal for pipes, T series junction box

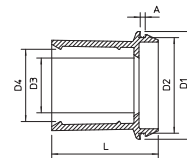
IP 55 M25 M32 M40

Type	Size	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
EDR 25 16-20 LGR	M25	Light grey	50	0,520	2011 50 6
EDR 25 20-25 LGR	M25	Light grey	50	0,680	2011 51 4
EDR 32 20-25 LGR	M32	Light grey	50	1,020	2011 52 2
EDR 32 25-32 LGR	M32	Light grey	50	1,170	2011 53 0
EDR 40 32-40 LGR	M40	Light grey	25	2,200	2011 54 6

PVC Polyvinylchloride

/100 pc.

Plug-in seal for junction boxes for direct insertion of metric pipes



### Stainless steel sleeve V2A, IP 67

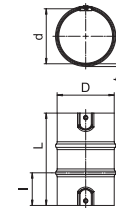
IP 67

Type	Size	Dim. A mm	Dim. L mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SV20W V2A IP67	20	25	85	10	4,300	2046 48 8
SV25W V2A IP67	25	25	85	10	5,400	2046 49 0
SV32W V2A IP67	32	25	85	10	6,900	2046 49 2
SV40W V2A IP67	40	25	85	10	8,300	2046 49 4
SV50W V2A IP67	50	25	85	5	10,200	2046 49 6

V2A Stainless steel, grade 304

/100 pc.

Accessory piece: Plug-in sleeve with burr-free internal wall, thanks to internal O rings to IP67 dust-proof and waterproof. The riveted locking springs to both sides also ensure equipotential bonding. Classification according to DIN EN 61386-1: 554511674010



### Control T piece without thread

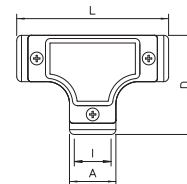
IP 54

Type	Size	Dim. D mm	Dim. L mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SKT16W ALU	16	47.5	72	5	6,900	2047 58 8
SKT20W ALU	20	65	102	5	12,900	2047 58 9
SKT25W ALU	25	75	115	5	21,500	2047 59 0
SKT32W ALU	32	96	156	4	45,300	2047 59 1
SKT40W ALU	40	96	156	4	32,800	2047 59 2
SKT50W ALU	50	124.5	194	2	53,100	2047 59 3

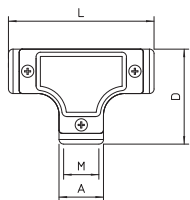
AlG Cast aluminium

/100 pc.

Die-cast aluminium T piece, for mounting in pipe sections as a junction. Removable cover for easier cable routing and later checking.



## Control T piece with thread



M IP 54

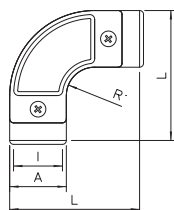
Type	Size	Dim. D mm	Dim. L mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SKTM16W ALU	16	47.5	72	5	7,200	2047 60 4
SKTM20W ALU	20	65	102	5	13,500	2047 60 5
SKTM25W ALU	25	75	115	5	22,000	2047 60 6
SKTM32W ALU	32	96	156	4	46,600	2047 60 7
SKTM40W ALU	40	96	156	4	34,000	2047 60 8
SKTM50W ALU	50	124.5	194	2	56,300	2047 60 9

AIG Cast aluminium

/100 pcs.

Die-cast aluminium T piece, with internal thread, for mounting in pipe sections as a junction. Removable cover for easier cable routing and later checking.

## Control bend without thread



IP 54

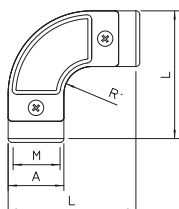
Type	Size	Dim. L mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SKB16W ALU	16	49.5	5	3,600	2047 62 3
SKB20W ALU	20	65	5	9,000	2047 62 4
SKB25W ALU	25	75	5	13,400	2047 62 5
SKB32W ALU	32	96	4	27,700	2047 62 6
SKB40W ALU	40	96	4	20,900	2047 62 7
SKB50W ALU	50	124.5	2	34,300	2047 62 8

AIG Cast aluminium

/100 pcs.

90° control bend for mounting in pipe sections with direction changes. Removable cover for easier cable routing and later checking.

## Control bend with thread



M IP 54

Type	Size	Dim. L mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SKBM16W ALU	16	49.5	5	3,900	2047 63 8
SKBM20W ALU	20	65	5	9,300	2047 63 9
SKBM25W ALU	25	75	5	13,900	2047 64 0
SKBM32W ALU	32	96	4	29,700	2047 64 1
SKBM40W ALU	40	96	4	21,700	2047 64 2
SKBM50W ALU	50	124.5	2	34,800	2047 64 3

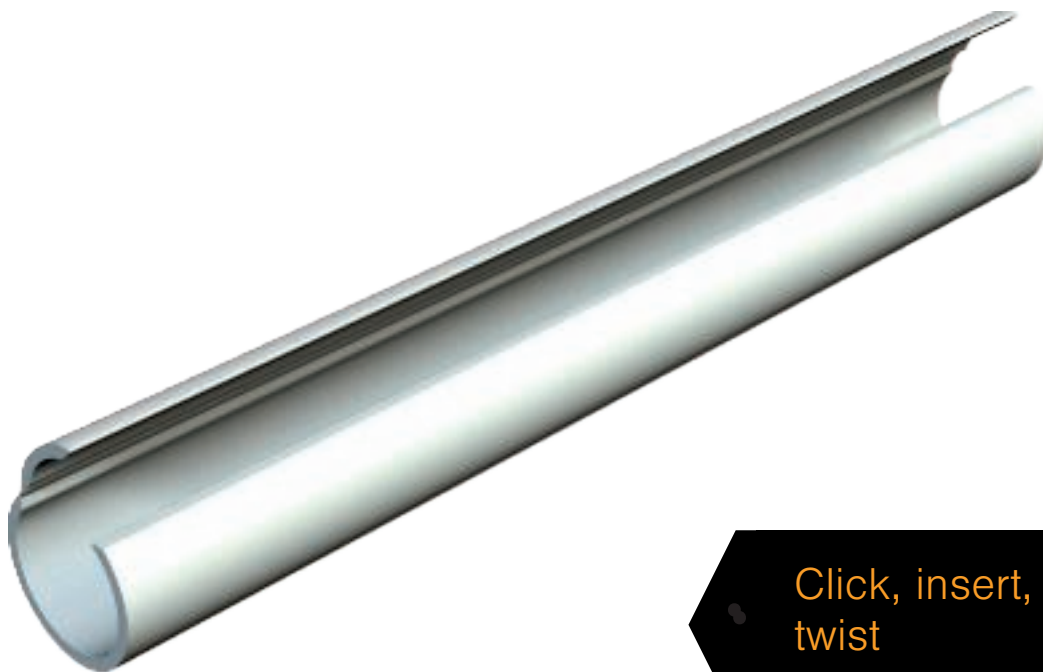
AIG Cast aluminium

/100 pcs.

90° control bend with internal thread for mounting in pipe sections with direction changes. Removable cover for easier cable routing and later checking.

## Quick pipe

- + 4 sizes – M16-M32
- + Two colours: white and grey
- + Simple installation
- + Retroinstallation possible
- + VDE-approved



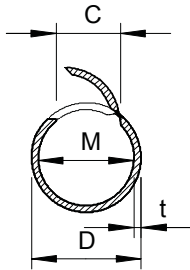
Click, insert,  
twist

The Quick pipe system combines the benefits of cable ducts and conventional electrical installation pipes to produce a single, intelligent system for surface-mounted installations. Cables are inserted in the open Quick pipe electrical installation pipes in the same way as with open cable ducts. After the

cable is inserted, the Quick pipe is twisted in the Quick clip to securely lock it in place. Retroinstallation is also no problem, because a twist is all it takes to open the Quick pipe again. All Quick pipe system components such as 90° bends, T pieces and connection sleeves are available in the four

metric sizes M16, M20, M25 and M32. You can order Quick pipe electrical installation pipe separately in 2 metre lengths – or in a handy complete set including the matching Quick clips.

## Quick pipe



Type	Size	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
2953 M16 LGR	M16	Light grey	2000	50	7,000	2153 90 4
2953 M20 LGR	M20	Light grey	2000	40	11,500	2153 91 2
2953 M25 LGR	M25	Light grey	2000	30	16,000	2153 92 0
2953 M32 LGR	M32	Light grey	2000	20	21,500	2153 93 9
2953 M16 RW	M16	Pure white	2000	50	7,700	2153 96 0
2953 M20 RW	M20	Pure white	2000	40	11,500	2153 96 3
2953 M25 RW	M25	Pure white	2000	30	16,000	2153 96 6
2953 M32 RW	M32	Pure white	2000	20	21,500	2153 96 9

PVC Polyvinylchloride

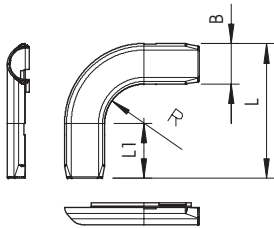
price/100 m

Quick-Pipe combines the advantages of cable duct and installation pipe in an intelligent system. This system allows tidy and safe surface-mounted installation of all kinds of cables on walls and ceilings. Quick pipe is available in four metric sizes: M16, M20, M25 and M32. The stock length is 2 m.

The system is VDE-tested and achieves a protection rating of IP44. The Quick-Pipe can be used in the temperature range between -25 and 60°C and is resistant against impact energy of 5 J.

The fittings are a component part of the system. The smallest shipped quantity is one shipping box.

## 90° Quick pipe bend



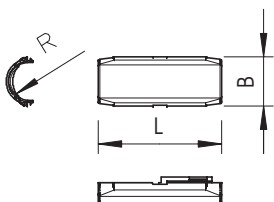
Type	Size	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
2953 B M16 LGR	M16	Light grey	5	1,810	2153 86 4
2953 B M20 LGR	M20	Light grey	5	1,900	2153 86 6
2953 B M25 LGR	M25	Light grey	5	2,020	2153 86 8
2953 B M32 LGR	M32	Light grey	5	2,140	2153 87 0
2953 B M16 RW	M16	Pure white	5	1,810	2153 98 0
2953 B M20 RW	M20	Pure white	5	1,900	2153 98 2
2953 B M25 RW	M25	Pure white	5	2,020	2153 98 4
2953 B M32 RW	M32	Pure white	5	2,140	2153 98 6

PVC Polyvinylchloride

/pc.

The Quick-Pipe bends 90° are VDE-tested and consist of two interconnectable half shells, which can be closed around the Quick-Pipe.

## Quick pipe connecting sleeve



Type	Size	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
2953 M M16 LGR	M16	Light grey	10	0,910	2153 82 9
2953 M M20 LGR	M20	Light grey	10	1,020	2153 83 1
2953 M M25 LGR	M25	Light grey	10	1,130	2153 83 3
2953 M M32 LGR	M32	Light grey	10	1,250	2153 83 5
2953 M M16 RW	M16	Pure white	10	0,910	2153 97 1
2953 M M20 RW	M20	Pure white	10	1,020	2153 97 3
2953 M M25 RW	M25	Pure white	10	1,130	2153 97 5
2953 M M32 RW	M32	Pure white	10	1,250	2153 97 7

PVC Polyvinylchloride

/pc.

The Quick-Pipe connection sleeves are VDE-tested and consist of two interconnectable half shells, which can be closed around the Quick-Pipe.



## Quick pipe T piece

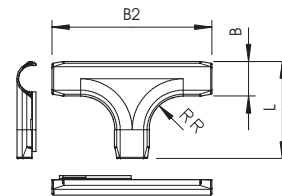


Type	Size	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
2953 T M16 LGR	M16	Light grey	5	2,210	2153 87 2
2953 T M20 LGR	M20	Light grey	5	2,320	2153 87 4
2953 T M25 LGR	M25	Light grey	5	2,440	2153 87 6
2953 T M32 LGR	M32	Light grey	5	2,560	2153 87 8
2953 T M16 RW	M16	Pure white	5	2,210	2153 99 2
2953 T M20 RW	M20	Pure white	5	2,320	2153 99 4
2953 T M25 RW	M25	Pure white	5	2,440	2153 99 6
2953 T M32 RW	M32	Pure white	5	2,560	2153 99 8

PVC Polyvinylchloride

/pc.

The Quick-Pipe T pieces are VDE-tested and consist of two interconnectable half shells, which can be closed around the Quick-Pipe.



## Set made of Quick clip and Quick pipe



Type	Size	Colour	Set consisting of	Pack. pcs	Weight kg/100 pcs.	Item No.
2954 M16 LGR	M16	Light grey	50 m Quick pipe and 156x OBO Quick clip	1	444,000	2154 50 1
2954 M20 LGR	M20	Light grey	40 m Quick pipe and 120x OBO Quick clip	1	508,000	2154 52 8
2954 M25 LGR	M25	Light grey	30 m Quick pipe and 96x OBO Quick clip	1	517,000	2154 53 6
2954 M32 LGR	M32	Light grey	20 m Quick pipe and 60x OBO Quick clip	1	479,000	2154 54 4

PVC Polyvinylchloride

/pc.

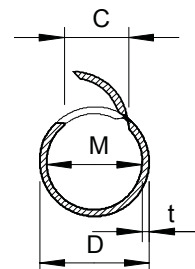
Convenient set consisting of Quick clip and Quick pipe.

The Quick pipe combines the advantages of cable ducting and installation pipe into an intelligent system.

This system allows tidy and safe surface-mounted installation of all kinds of cables on walls and ceilings.

Quick pipe is available in four metric sizes: M16, M20, M25 and M32 and the stock length is 2 m.

The system is VDE-tested and achieves a protection rating of IP44. The Quick pipe can be used in the temperature range from -25 to +60 °C and is resistant to an impact energy of 5 J.



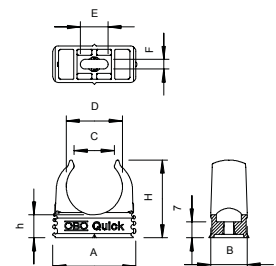
## Quick clip



Type	Nominal size	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
2955 M16	M16	Light grey	100	0,252	2149 00 4
2955 M20	M20	Light grey	100	0,325	2149 01 0
2955 M25	M25	Light grey	100	0,433	2149 01 6
2955 M32	M32	Light grey	50	0,630	2149 02 2
2955 M40	M40	Light grey	50	0,835	2149 02 8
2955 M50	M50	Light grey	25	1,454	2149 03 4
2955 M63	M63	Light grey	20	2,203	2149 04 0

PP Polypropylene

/100 pcs.



Quick pipe shears



IP 44 M

Type	Cutting area mm
SQ 1632	16 - 32

Pack. pcs	Weight kg/100 pcs.	Item No.
1	40,000	2153 57 2

/pc.

For exact, burr-free cutting of the Quick pipe of Ø 16-32 mm.

