

Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

## 1

## GRUNDDATA

**Varubeskrivning**

pipe in stainless steel, includes pipe, bend and sleeve

**Övriga upplysningar****Klassificeringar**

ETIM ›	
BK04 ›	
BSAB ›	
UNSPSC ›	

**Leverantörsuppgifter****Företagsnamn**

OBO Bettermann AB

**Organisationsnummer**

5566815519

**Adress****Hemsida**

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**Miljökontaktperson****Namn**

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## 2

## HÅLLBARHETSARBETE

**Företagets certifiering**

- ISO 9000
- ISO 14000

## 3

## INNEHÅLLSDEKLARATION

Kemisk produkt	Nej
Omfattas varan av RoHS-direktivet	Nej
Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion	Nej
Varans vikt	0,021 - 6,825 kg

## Vara / Delkomponenter

Koncentrationen har beräknats på hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Stainless steel DIN EN 10088		12597-68-1	X6CrNiMoTi17-12-2, 1.4571	100%	

Del av materialinnehållet som är deklarerat 100%

## Särskilt farliga ämnen

Varan innehåller INTE några ämnen med särskilt farliga egenskaper (Substances of very high concern, SVHC-ämnena) som finns med på kandidatförteckningen i en koncentration som överstiger 0,1 vikts-%

Utgåva av kandidatförteckningen som har använts

2021-01-22 00:00:00

## Övrigt

Ämnen är redovisade ned till 0.01 viktprocent enligt iBVDs redovisningskrav. Eventuell avvikelse från redovisningskraven redovisas nedan

## 4

## RÅVAROR

## Återvunnet material

Innehåller varan återvunnet material: Nej

## Träråvara

Träråvara ingår i varan: Nej

5

## MILJÖPÅVERKAN

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Nej

Finns annan miljövarudeklaration

Nej

6

## DISTRIBUTION

**Beskrivning av emballagehantering för distribution av varan**

The main packaging is made of paper/cardboard. In addition, PE film or PE bags are sometimes used as protective packaging.

7

## BYGGSCHEDET

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

8

## BRUKSSCHEDET

Finns skötselanvisningar/skötselråd?

Nej

Finns en energimärkning enligt energimärkningsdirektivet (2010/30/EU) för varan?

Ej relevant

9

## RIVNING

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid rivning/demontering?

Nej

10

## AVFALLSHANTERING

Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall?

Nej

Är återanvändning möjlig för hela eller delar av varan?

Nej

**Är materialåtervinning möjlig för hela eller delar av varan?** Ja

Components can be recycled.

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**Är energiåtervinning möjlig för hela eller delar av varan?** Nej

**Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering?** Nej

**När den levererade varan blir avfall, klassas den då som farligt avfall?** Nej

**Avfallskod (EWC) för den levererade varan** 170405

E-nummer	Leverantörens artikelnummer	GTIN
14 030 76	2046750	4012195923886
14 030 77	2046751	4012195923923
14 030 78	2046752	4012195923947
14 030 79	2046753	4012195923978
14 030 80	2046754	4012195923985
14 030 81	2046755	4012195923992
14 030 82	2046756	4012195924036
14 030 83	2046760	4012195924050
14 030 84	2046761	4012195924104
14 030 85	2046762	4012195924111
14 030 86	2046763	4012195924173
14 030 87	2046764	4012195924180
14 030 88	2046765	4012195924197
14 030 89	2046766	4012195924203
14 030 90	2046770	4012195924210
14 030 91	2046771	4012195924258
14 030 92	2046772	4012195924272
14 030 93	2046773	4012195924296
14 030 94	2046774	4012195924302
14 030 95	2046775	4012195924333
14 030 96	2046776	4012195924340

**Produktdatablad** 01-190VBS pipe systems.pdf

**Prestandadeklaration**

**Säkerhetsblad**








**Miljövarudeklaration**

**Skötselansvisning**

**Övriga bifogade dokument**

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## Pipe systems

	<b>Steel pipe, electrogalvanised</b>	354
	<b>Steel pipe, black, powder-coated</b>	356
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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

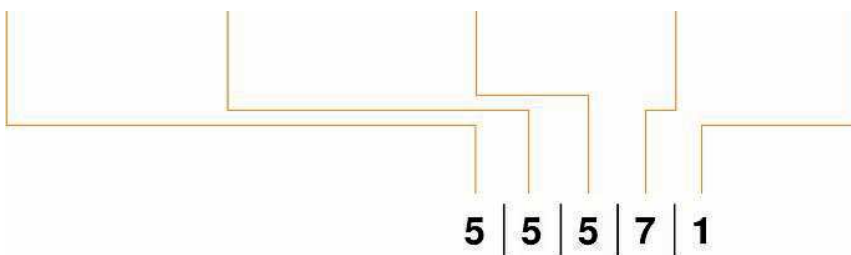
### Fourth digit

Maximum use temperature

### Fifth digit

Bending resistance

	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>



### 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.

### Maintenance of electrical function to E30/E90

Our steel pipes guarantee the maintenance of electrical function 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
- Galvanised inside

**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

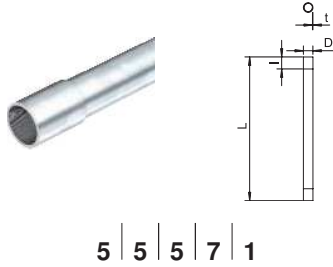


### Quick pipe

- Innovative system
- VDE-tested
- Reclosable



## Electrogalvanised steel pipe, with thread



Type	Thread	Dimension D mm	Dimension L mm	Dimension I mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
SM16W G	M16x1,5	16	3000	13	1.3	30	50.390	2046861
SM20W G	M20x1,5	20	3000	13	1.5	30	66.667	2046862
SM25W G	M25x1,5	25	3000	18	1.5	30	92.290	2046863
SM32W G	M32x1,5	32	3000	18	1.5	21	120.000	2046864
SM40W G	M40x1,5	40	3000	20.5	1.5	15	151.450	2046865
SM50W G	M50x1,5	50	3000	25	1.5	15	190.000	2046866
SM63W G	M63x1,5	63	3000	25	1.7	9	287.700	2046867

St Steel

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	Dimension A mm	Dimension B mm	Dimension D mm	Dimension I mm	Dimension R mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SBNM16 G	M16x1,5	45	103	16	13	50	1.4	15	10.400	2046778
SBNM20 G	M20x1,5	55	155	20	13	90	1.6	25	21.000	2046779
SBNM25 G	M25x1,5	68	190	25	18	110	1.6	25	33.000	2046780
SBNM32 G	M32x1,5	88	254	32	18	150	1.6	20	56.600	2046781
SBNM40 G	M40x1,5	89	279	40	20.5	170	1.6	15	77.600	2046782
SBNM50 G	M50x1,5	133	358	50	25	200	1.6	5	125.800	2046783
SBNM63 G	M63x1,5	165	446	63	25	250	1.8	3	227.000	2046784

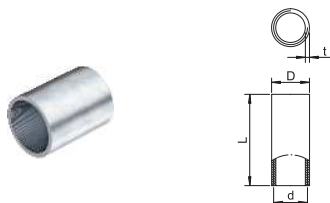
St Steel

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	Dimension D mm	Dimension d mm	Dimension L mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SVM16W G	M16x1,5	18.5	16	26	2	25	2.110	2046875
SVM20W G	M20x1,5	22.5	20	30	2	50	3.400	2046876
SVM25W G	M25x1,5	27.5	25	40	2	50	5.030	2046877
SVM32W G	M32x1,5	35.5	32	40	2.5	50	8.800	2046878
SVM40W G	M40x1,5	43.5	40	45	2.5	25	11.370	2046879
SVM50W G	M50x1,5	53.5	50	54	2.5	10	16.970	2046880
SVM63W G	M63x1,5	68	63	60	3.2	5	30.670	2046881

St Steel

G Electrogalvanised

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

## Armoured steel pipe without thread, electrogalvanised

E30 E90 

Type	Dimension D mm	Dimension L mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
<b>S16W G</b>	16	3000	1	30	37.000	<b>2046840</b>
<b>S20W G</b>	20	3000	1	30	44.700	<b>2046841</b>
<b>S25W G</b>	25	3000	1.2	30	70.400	<b>2046842</b>
<b>S32W G</b>	32	3000	1.2	21	91.200	<b>2046843</b>
<b>S40W G</b>	40	3000	1.2	15	139.700	<b>2046844</b>
<b>S50W G</b>	50	3000	1.2	15	176.000	<b>2046845</b>
<b>S63W G</b>	63	3000	1.2	9	223.000	<b>2046846</b>

St Steel

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

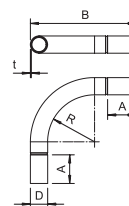
E30 E90 

Type	Dimension A mm	Dimension B mm	Dimension D mm	Dimension I mm	Dimension R mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SBN16 G</b>	43.7	103	18.6	25	50	1	15	7.200	<b>2046808</b>
<b>SBN20 G</b>	53.7	155	22.6	30	90	1	25	13.300	<b>2046809</b>
<b>SBN25 G</b>	66.5	190	28	40	110	1.2	25	24.400	<b>2046810</b>
<b>SBN32 G</b>	86.5	254	35.1	40	150	1.2	20	41.000	<b>2046811</b>
<b>SBN40 G</b>	87.2	279	43.7	50	170	1.5	15	70.200	<b>2046812</b>
<b>SBN50 G</b>	131	358	54	60	200	1.5	5	111.800	<b>2046813</b>
<b>SBN63 G</b>	163	446	67	90	250	1.5	3	174.200	<b>2046814</b>

St Steel

G Electrogalvanised

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



## Armoured steel pipe connection sleeve without thread, electrogalvanised

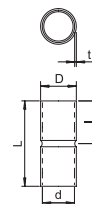
E30 E90 

Type	Dimension D mm	Dimension d mm	Dimension L mm	Dimension I mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SV16W G</b>	18.6	16.6	50	25	1	25	2.400	<b>2046854</b>
<b>SV20W G</b>	23.1	20.7	60	30	1.2	50	4.000	<b>2046855</b>
<b>SV25W G</b>	28.1	25.7	60	30	1.2	50	5.200	<b>2046856</b>
<b>SV32W G</b>	35.2	32.8	70	35	1.2	50	7.200	<b>2046857</b>
<b>SV40W G</b>	43.8	43.8	80	40	1.5	25	13.200	<b>2046858</b>
<b>SV50W G</b>	54	51	100	50	1.5	10	20.000	<b>2046859</b>
<b>SV63W G</b>	67	64	100	50	1.5	5	28.000	<b>2046860</b>

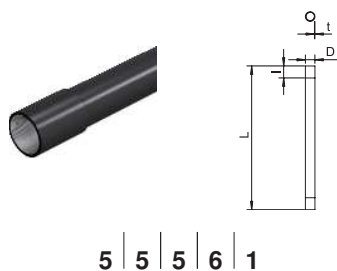
St Steel

G Electrogalvanised

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



## Armoured steel pipe with thread, black



Type	Thread	Dimension D mm	Dimension L mm	Dimension I mm	Dimension 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	2046500
SM20W SW	M20x1,5	20	3000	13	1.5	Jet black	30	73.000	2046501
SM25W SW	M25x1,5	25	3000	18	1.5	Jet black	30	92.000	2046502
SM32W SW	M32x1,5	32	3000	18	1.5	Jet black	21	120.000	2046503
SM40W SW	M40x1,5	40	3000	20.5	1.5	Jet black	15	152.000	2046505
SM50W SW	M50x1,5	50	3000	25	1.5	Jet black	15	190.700	2046506
SM63W SW	M63x1,5	63	3000	25	1.7	Jet black	9	287.700	2046507

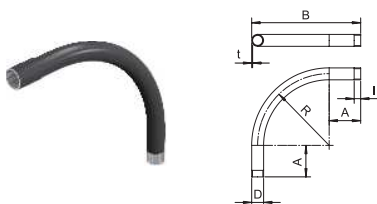
St Steel

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	Dimension B mm	Dimension D mm	Dimension R mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
SBNM16 SW	M16x1,5	103	16	50	Jet black	15	10.400	2046793
SBNM20 SW	M20x1,5	155	20	90	Jet black	25	21.000	2046794
SBNM25 SW	M25x1,5	190	25	110	Jet black	25	33.000	2046795
SBNM32 SW	M32x1,5	254	32	150	Jet black	20	56.600	2046796
SBNM40 SW	M40x1,5	279	40	170	Jet black	15	77.600	2046797
SBNM50 SW	M50x1,5	358	50	200	Jet black	5	125.800	2046798
SBNM63 SW	M63x1,5	446	63	250	Jet black	3	227.000	2046799

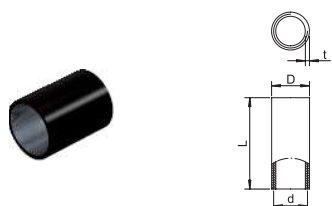
St Steel

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	Dimension D mm	Dimension d mm	Dimension L mm	Dimension 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	2046522
SVM20W SW	M20x1,5	22.5	20	30	2	Jet black	50	3.400	2046523
SVM25W SW	M25x1,5	27.5	25	40	2	Jet black	50	5.000	2046524
SVM32W SW	M32x1,5	35.5	32	40	2.5	Jet black	50	8.800	2046525
SVM40W SW	M40x1,5	43.5	40	45	2.5	Jet black	25	11.400	2046526
SVM50W SW	M50x1,5	53.5	50	54	2.5	Jet black	10	17.000	2046527
SVM63W SW	M63x1,5	68	63	60	3.2	Jet black	5	30.700	2046528

St Steel

PE50 PES50 - Polyester/epoxy

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

## Armoured steel pipe without thread, black

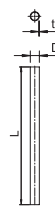
E30 E90 

Type	Dimension D mm	Dimension L mm	Dimension t mm	Colour	Pack. m	Weight kg/100 m	Item No.
S16W SW	16	3000	1	Jet black	30	37.000	2046565
S20W SW	20	3000	1	Jet black	30	44.700	2046566
S25W SW	25	3000	1.2	Jet black	30	70.400	2046567
S32W SW	32	3000	1.2	Jet black	21	91.200	2046568
S40W SW	40	3000	1.2	Jet black	15	139.700	2046569
S50W SW	50	3000	1.2	Jet black	15	176.000	2046570
S63W SW	63	3000	1.2	Jet black	9	223.000	2046571

St Steel

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

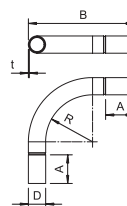
E30 E90 

Type	Dimension B mm	Dimension D mm	Dimension R mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
SBN16 SW	103	16.6	50	Jet black	15	7.200	2046824
SBN20 SW	155	20.6	90	Jet black	25	13.300	2046825
SBN25 SW	190	25.6	110	Jet black	25	24.400	2046826
SBN32 SW	254	32.7	150	Jet black	20	41.000	2046827
SBN40 SW	279	40.7	170	Jet black	15	68.900	2046828
SBN50 SW	358	51	200	Jet black	5	111.800	2046829
SBN63 SW	446	64	250	Jet black	3	174.200	2046830

St Steel

PE50 PES50 - Polyester/epoxy

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



## Armoured steel pipe connection sleeve without thread, black

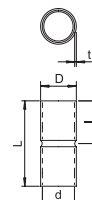
E30 E90 

Type	Dimension D mm	Dimension d mm	Dimension L mm	Dimension I mm	Dimension t mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
SV16W SW	18.6	16.6	50	25	1	Jet black	25	2.400	2046582
SV20W SW	23.1	20.7	60	30	1.2	Jet black	50	3.200	2046583
SV25W SW	28.1	25.7	60	30	1.2	Jet black	50	5.200	2046584
SV32W SW	35.2	32.8	70	35	1.2	Jet black	50	7.200	2046585
SV40W SW	43.8	40.8	80	40	1.5	Jet black	25	13.200	2046586
SV50W SW	54	51	100	50	1.5	Jet black	10	20.000	2046587
SV63W SW	67	64	100	50	1.5	Jet black	5	28.000	2046588

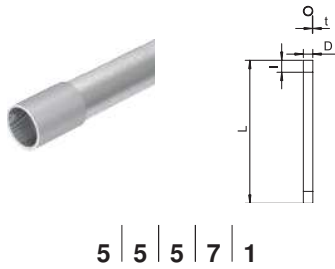
St Steel

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	Dimension D mm	Dimension L mm	Dimension l mm	Dimension 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>2046533</b>
<b>SM20W FT</b>	M20x1,5	20	3000	13	1.5	30	79.000	<b>2046534</b>
<b>SM25W FT</b>	M25x1,5	25	3000	18	1.5	30	99.000	<b>2046535</b>
<b>SM32W FT</b>	M32x1,5	32	3000	18	1.5	21	130.000	<b>2046536</b>
<b>SM40W FT</b>	M40x1,5	40	3000	20.5	1.5	15	164.000	<b>2046537</b>
<b>SM50W FT</b>	M50x1,5	50	3000	25	1.5	15	206.000	<b>2046538</b>
<b>SM63W FT</b>	M63x1,5	63	3000	26	1.8	9	324.700	<b>2046540</b>

**St** Steel

**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	Dimension A mm	Dimension B mm	Dimension D mm	Dimension l mm	Dimension R mm	Dimension 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>2046786</b>
<b>SBNM20 FT</b>	M20x1,5	55	155	20	13	90	1.6	25	21.000	<b>2046787</b>
<b>SBNM25 FT</b>	M25x1,5	68	190	25	18	110	1.6	25	33.000	<b>2046788</b>
<b>SBNM32 FT</b>	M32x1,5	88	254	32	18	150	1.6	20	56.600	<b>2046789</b>
<b>SBNM40 FT</b>	M40x1,5	89	279	40	20.5	170	1.6	15	77.600	<b>2046790</b>
<b>SBNM50 FT</b>	M50x1,5	133	358	50	25	200	1.6	5	125.800	<b>2046791</b>
<b>SBNM63 FT</b>	M63x1,5	165	446	63	25	250	1.8	3	227.000	<b>2046792</b>

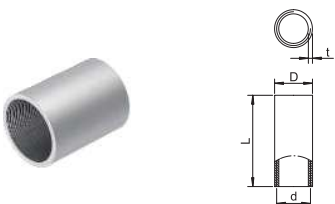
**St** Steel

**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	Dimension D mm	Dimension d mm	Dimension L mm	Dimension 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>2046553</b>
<b>SVM20W DN</b>	M20x1,5	22.5	20	30	2	50	3.400	<b>2046554</b>
<b>SVM25W DN</b>	M25x1,5	27.5	25	40	2	50	3.986	<b>2046556</b>
<b>SVM32W DN</b>	M32x1,5	35.5	32	40	2.5	50	8.800	<b>2046557</b>
<b>SVM40W DN</b>	M40x1,5	43.5	40	45	2.5	25	11.400	<b>2046558</b>
<b>SVM50W DN</b>	M50x1,5	53.5	50	54	2.5	10	17.000	<b>2046559</b>
<b>SVM63W DN</b>	M63x1,5	68	63	60	3.2	5	30.700	<b>2046560</b>

**St** Steel

**DN** Zinc / nickel-coated

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

## Hot-dip galvanised steel pipe, without thread

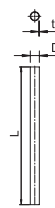
E30 E90 

Type	Dimension D mm	Dimension L mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
S16W FT	16	3000	1	30	37.000	2046593
S20W FT	20	3000	1	30	44.700	2046594
S25W FT	25	3000	1.2	30	70.400	2046595
S32W FT	32	3000	1.2	21	91.200	2046596
S40W FT	40	3000	1.2	15	139.700	2046597
S50W FT	50	3000	1.2	15	176.000	2046598
S63W FT	63	3000	1.2	9	223.000	2046599

St Steel

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

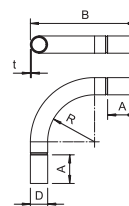
E30 E90 

Type	Dimension A mm	Dimension B mm	Dimension D mm	Dimension l mm	Dimension R mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SBN16 FT	43.7	103	16.6	25	50	1	15	7.200	2046816
SBN20 FT	53.7	155	20.6	30	90	1	25	13.300	2046817
SBN25 FT	66.5	190	25.6	40	110	1.2	25	24.400	2046818
SBN32 FT	86.5	254	32.7	40	150	1.2	20	41.000	2046819
SBN40 FT	87.2	279	40.7	50	170	1.5	15	68.900	2046820
SBN50 FT	131	358	51	60	200	1.5	5	111.800	2046821
SBN63 FT	163	446	64	90	250	1.5	3	174.200	2046822

St Steel

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

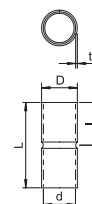
E30 E90 

Type	Dimension D mm	Dimension d mm	Dimension L mm	Dimension l mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SV16W FT	18.6	16.6	50	25	1	25	2.200	2046620
SV20W FT	23.1	20.7	60	30	1.2	50	3.200	2046621
SV25W FT	28.1	25.7	60	30	1.2	50	5.600	2046622
SV32W FT	35.2	32.8	70	35	1.2	50	7.800	2046623
SV40W FT	43.8	40.8	80	40	1.5	25	14.400	2046624
SV50W FT	54	51	100	50	1.5	10	22.000	2046625
SV63W FT	67	63	100	50	1.5	5	28.000	2046626

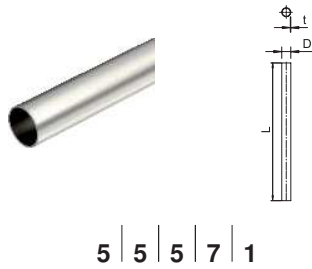
St Steel

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



**E30** **E90**

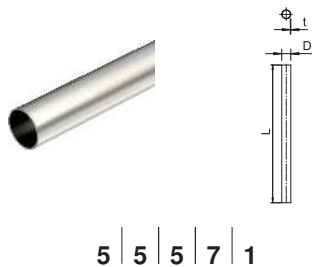
Type	Dimension D mm	Dimension L mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
<b>S16W A2</b>	16	3000	1	30	37.000	<b>2046720</b>
<b>S20W A2</b>	20	3000	1	30	46.900	<b>2046721</b>
<b>S25W A2</b>	25	3000	1	30	59.200	<b>2046722</b>
<b>S32W A2</b>	32	3000	1.2	21	91.200	<b>2046723</b>
<b>S40W A2</b>	40	3000	1.2	15	114.800	<b>2046724</b>
<b>S50W A2</b>	50	3000	1.5	15	179.400	<b>2046725</b>
<b>S63W A2</b>	63	3000	1.5	9	227.500	<b>2046726</b>

V2A Stainless steel, A2

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, V4A



**E30** **E90**

Type	Dimension D mm	Dimension L mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
<b>S16W A4</b>	16	3000	1	15	37.000	<b>2046750</b>
<b>S20W A4</b>	20	3000	1	15	46.900	<b>2046751</b>
<b>S25W A4</b>	25	3000	1	15	59.200	<b>2046752</b>
<b>S32W A4</b>	32	3000	1.2	15	91.200	<b>2046753</b>
<b>S40W A4</b>	40	3000	1.2	9	114.800	<b>2046754</b>
<b>S50W A4</b>	50	3000	1.5	9	179.400	<b>2046755</b>
<b>S63W A4</b>	63	3000	1.5	9	227.500	<b>2046756</b>

V4A Stainless steel, A4

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).

### Stainless steel pipe bend, V4A



**E30** **E90**

Type	Dimension A mm	Dimension B mm	Dimension D mm	Dimension I mm	Dimension R mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SB16W A4</b>	54	104	18.2	25	50	1	5	7.200	<b>2046760</b>
<b>SB20W A4</b>	66	156	22.2	30	90	1	10	13.300	<b>2046761</b>
<b>SB25W A4</b>	81.5	194	27.2	30	112.5	1	10	20.400	<b>2046762</b>
<b>SB32W A4</b>	104	250	34.7	35	146	1.25	10	42.000	<b>2046763</b>
<b>SB40W A4</b>	129	294	42.7	40	165	1.25	5	61.200	<b>2046764</b>
<b>SB50W A4</b>	158	408	52.7	50	250	1.25	5	79.500	<b>2046765</b>
<b>SB63W A4</b>	198	448	65.7	50	250	1.25	3	144.600	<b>2046766</b>

V4A Stainless steel, A4

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

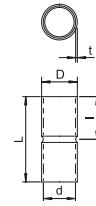
## Stainless steel sleeve V4A

E30 E90

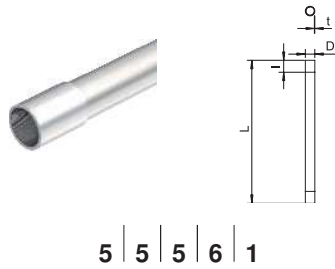
Type	Dimension D mm	Dimension d mm	Dimension L mm	Dimension l mm	Dimension t mm	Pack. pcs.	Weight kg/100 pcs.	Item No.
<b>SV16W A4</b>	18.2	16.2	50	25	1	10	2.100	<b>2046770</b>
<b>SV20W A4</b>	22.2	20.2	60	30	1	15	3.200	<b>2046771</b>
<b>SV25W A4</b>	27.2	25.2	60	30	1	15	3.900	<b>2046772</b>
<b>SV32W A4</b>	34.7	32.2	70	35	1.25	15	7.300	<b>2046773</b>
<b>SV40W A4</b>	42.7	40.2	80	40	1.25	10	10.300	<b>2046774</b>
<b>SV50W A4</b>	52.8	50.2	100	50	1.3	5	16.700	<b>2046775</b>
<b>SV63W A4</b>	65.8	63.2	100	50	1.3	3	20.900	<b>2046776</b>

V4A Stainless steel, A4

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



## Aluminium pipe, with thread



5 | 5 | 5 | 6 | 1

M

Type	Thread	Dimension D mm	Dimension L mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
<b>SM16W ALU</b>	M16x1,5	16	3000	1.6	30	19.543	<b>2046032</b>
<b>SM20W ALU</b>	M20x1,5	20	3000	1.9	30	29.170	<b>2046033</b>
<b>SM25W ALU</b>	M25x1,5	25	3000	1.9	30	37.230	<b>2046034</b>
<b>SM32W ALU</b>	M32x1,5	32	3000	1.9	30	48.510	<b>2046035</b>
<b>SM40W ALU</b>	M40x1,5	40	3000	1.9	15	61.403	<b>2046036</b>
<b>SM50W ALU</b>	M50x1,5	50	3000	2.1	15	85.323	<b>2046037</b>
<b>SM63W ALU</b>	M63x1,5	63	3000	2.1	15	108.480	<b>2046038</b>

Alu Aluminium

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

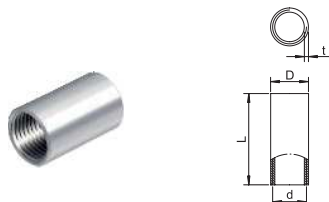
Type	Thread	Dimension A mm	Dimension B mm	Dimension D mm	Dimension I mm	Dimension R mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SBM16W ALU</b>	M16x1,5	78	150	16	15	64	1.6	15	3.300	<b>2046042</b>
<b>SBM20W ALU</b>	M20x1,5	80	170	20	15	80	1.9	25	7.300	<b>2046043</b>
<b>SBM25W ALU</b>	M25x1,5	93	208	25	20	102.5	1.9	25	11.500	<b>2046044</b>
<b>SBM32W ALU</b>	M32x1,5	105	252	32	20	131	1.9	20	20.000	<b>2046045</b>
<b>SBM40W ALU</b>	M40x1,5	115	300	40	20	165	1.9	15	27.300	<b>2046046</b>
<b>SBM50W ALU</b>	M50x1,5	128	358	50	25	205	2.1	5	49.500	<b>2046047</b>
<b>SBM63W ALU</b>	M63x1,5	135	423	63	25	256.5	2.1	3	78.400	<b>2046048</b>

Alu Aluminium

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	Dimension D mm	Dimension d mm	Dimension L mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SVM16W ALU</b>	M16x1,5	18.5	16	35	2.25	50	1.080	<b>2046052</b>
<b>SVM20W ALU</b>	M20x1,5	22.5	20	35	2.25	50	1.100	<b>2046053</b>
<b>SVM25W ALU</b>	M25x1,5	28	25	45	2.5	50	2.430	<b>2046054</b>
<b>SVM32W ALU</b>	M32x1,5	35	32	45	2.5	50	3.100	<b>2046055</b>
<b>SVM40W ALU</b>	M40x1,5	43.5	40	45	2.75	20	4.270	<b>2046056</b>
<b>SVM50W ALU</b>	M50x1,5	53.5	50	55	2.75	20	6.510	<b>2046057</b>
<b>SVM63W ALU</b>	M63x1,5	66.5	63	55	2.8	20	8.320	<b>2046058</b>

Alu Aluminium

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

## Aluminium pipe, without thread

Type	Dimension D mm	Dimension L mm	Dimension t mm	Pack. m	Weight kg/100 m	Item No.
<b>S16W ALU</b>	16	3000	1.2	30	15.065	<b>2046002</b>
<b>S20W ALU</b>	20	3000	1.2	30	19.134	<b>2046003</b>
<b>S25W ALU</b>	25	3000	1.3	30	26.134	<b>2046004</b>
<b>S32W ALU</b>	32	3000	1.3	30	33.853	<b>2046005</b>
<b>S40W ALU</b>	40	3000	1.4	15	45.839	<b>2046006</b>
<b>S50W ALU</b>	50	3000	1.4	15	57.714	<b>2046007</b>
<b>S63W ALU</b>	63	3000	1.7	15	88.394	<b>2046008</b>

Alu Aluminium

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



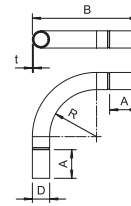
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## Aluminium pipe bend, without thread

Type	Dimension A mm	Dimension B mm	Dimension D mm	Dimension I mm	Dimension R mm	Dimension 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>2046012</b>
<b>SB20W ALU</b>	80	171	20	30	80	1.2	25	5.500	<b>2046013</b>
<b>SB25W ALU</b>	93	209	25	38	102.5	1.3	25	9.000	<b>2046014</b>
<b>SB32W ALU</b>	105	253	32	40	131	1.3	20	14.100	<b>2046015</b>
<b>SB40W ALU</b>	115	302	40	50	165	1.4	15	22.400	<b>2046016</b>
<b>SB50W ALU</b>	128	360	50	63	205	1.4	5	35.400	<b>2046017</b>
<b>SB63W ALU</b>	135	425	63	70	256.5	1.7	3	59.500	<b>2046018</b>

Alu Aluminium

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



## Aluminium sleeve, without thread

Type	Dimension D mm	Dimension d mm	Dimension L mm	Dimension I mm	Dimension t mm	Pack. pcs	Weight kg/100 pcs.	Item No.
<b>SV16W ALU</b>	18.6	16.2	40	20	1.2	50	0.700	<b>2046022</b>
<b>SV20W ALU</b>	22.6	20.2	50	25	1.2	50	1.300	<b>2046023</b>
<b>SV25W ALU</b>	27.6	25.2	60	30	1.2	50	1.900	<b>2046024</b>
<b>SV32W ALU</b>	34.6	32.2	70	35	1.2	50	2.400	<b>2046025</b>
<b>SV40W ALU</b>	43	40.2	70	35	1.4	20	4.000	<b>2046026</b>
<b>SV50W ALU</b>	53	50.2	90	45	1.4	20	6.100	<b>2046027</b>
<b>SV63W ALU</b>	66.2	63.2	110	55	1.5	20	9.000	<b>2046028</b>

Alu Aluminium

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

