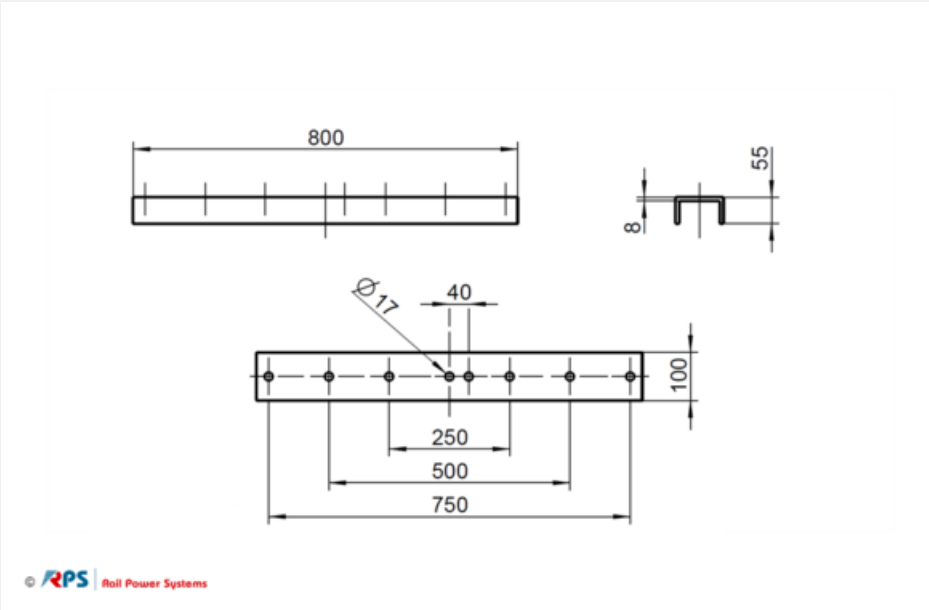


Conductor rails

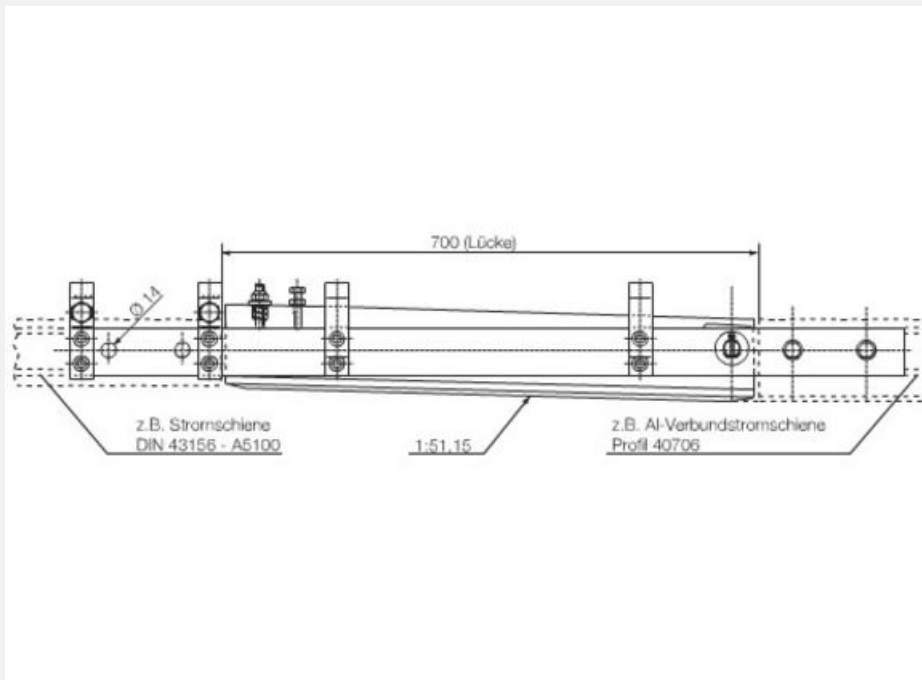
Aluminium composite conductor rail



Material-ID	Name	Build Type	Weight	L	Drawing Number
3EGF020510Z2184	Profile	43385	3,309 kg	800 mm	3EGF020510Z2184
3EGF003717	Profile	40706	133,09 kg	820 mm	3EGF023534Z2083
3EGF019875	Profile (plate)	6D	0,634 kg	800 mm	3EGF025289Z1183
3EGF013460	Profil	40054	15,655 kg		M08228-01-A
3EGF009859	Stahlschiene	43156	40 kg		DIN 43156

Transition conductor rail

for bottom-contact systems, for transition from existing to newly installed conductor rail system



Material-ID

Drawing Number

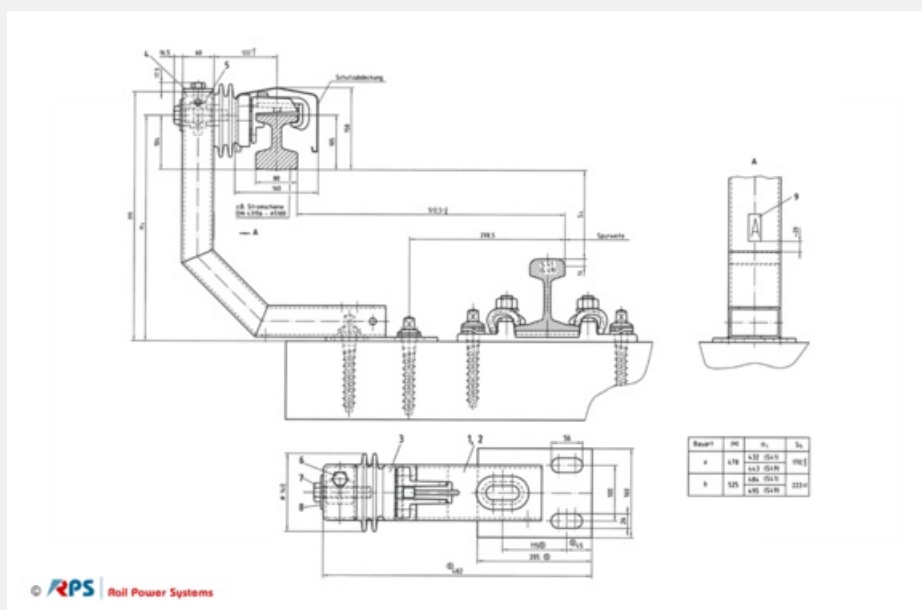
3EGF010887

3EGF000905Z6391

Conductor rail support points

Conductor rail support (malleable cast iron fixation)

Vertically adjustable ± 20 mm



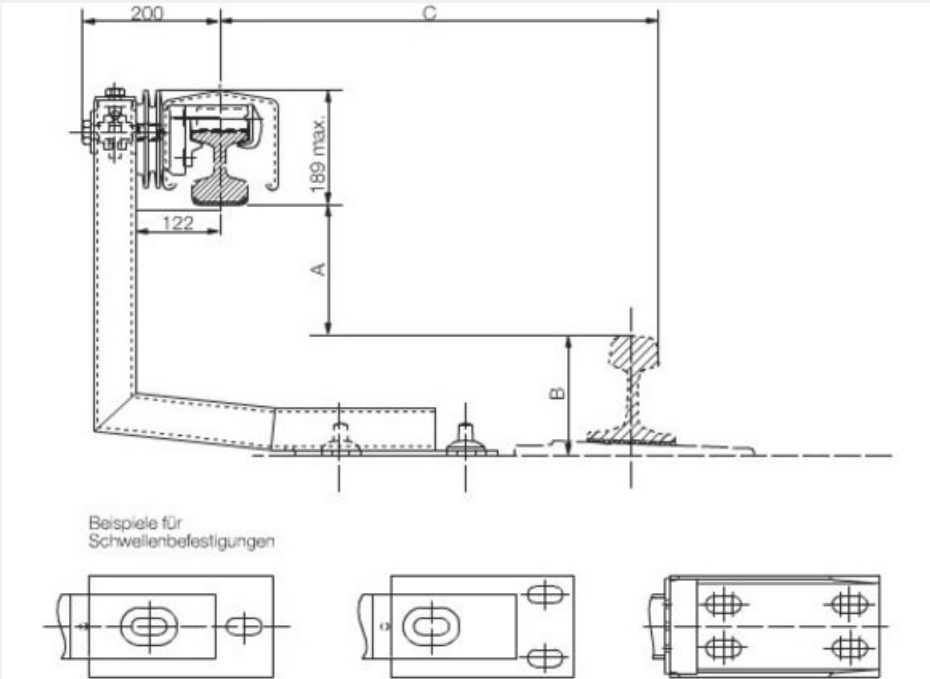
Material-ID	Name	Build Type	Weight	Rated impulse withstand voltage	A	B	C	Drawing Number
3EGF010112	Conductor rail support	3-hole (Berlin urban railway)	17,5 kg	1,5 kV	135 mm	160 mm	852,5 mm	B4700-1646(2)
3EGF010396	Conductor rail support	3-hole (Berlin urban railway)	17,0 kg	1,5 kV	170 mm	160 mm	552,5 mm	6700-102.345150-2A

Conductor rail support - Stainless steel fixation (A)

with stainless steel fixation, vertically adjustable ± 20 mm, rated voltage 1.5 kV

Supports with other dimensions and sleeper attachments upon request.

For the use on concrete sleepers, a plastic shim is needed in addition.

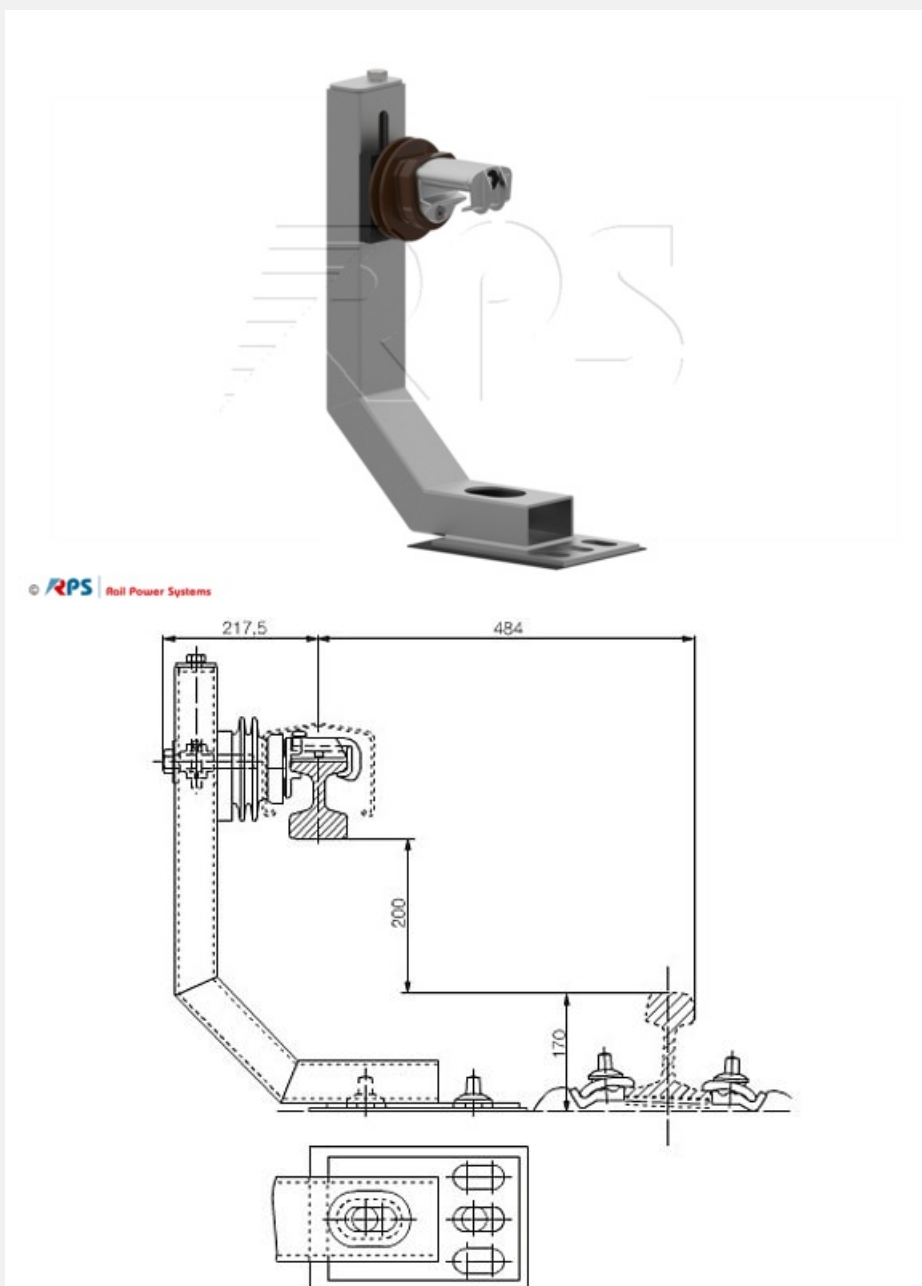


Material-ID	Drawing Number	Weight	Build Type	A	B	C
3EGF010111	6700-102.345353-2	18,0 kg	Berlin urban railway, 4-hole	135 mm	160 mm	852,5 mm

Conductor rail support - Stainless steel fixation (B)

with stainless steel fixation, vertically adjustable ± 20 mm, rated voltage 1.5 kV

Supports with other dimensions and sleeper attachments upon request.



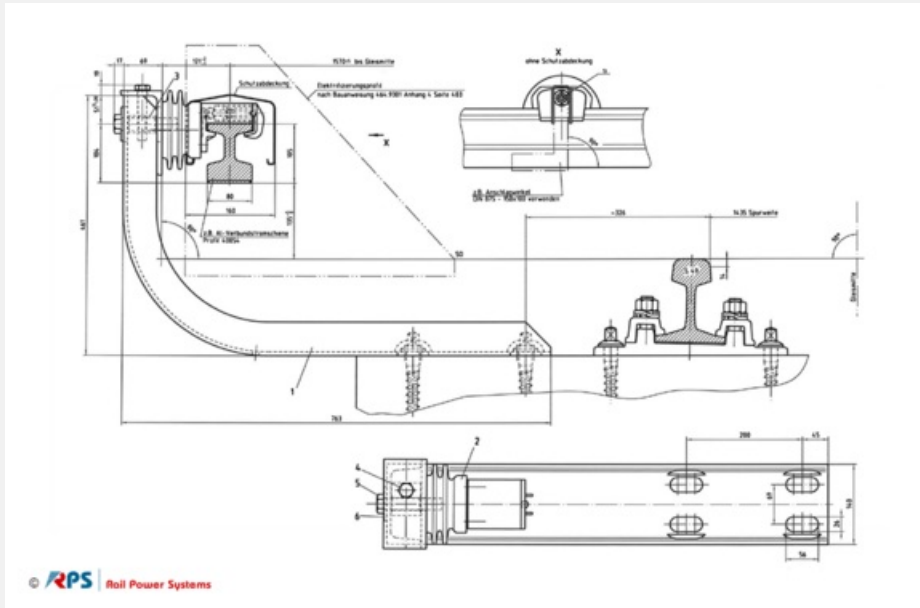
Material-ID	Drawing Number	Build Type
3EGF012009	003463Z6312 b	Hamburg elevated railway, 4-hole, for concrete sleeper
3EGF012052	003463Z6312 a	Hamburg elevated railway, 4-hole, for concrete sleeper

Conductor rail support (U-profile)

non-welded design, with stainless steel fixation, vertically adjustable ± 20 mm, rated voltage 1.5 kV.

Supports with other dimensions and sleeper attachments upon request.

For the use on concrete sleepers.

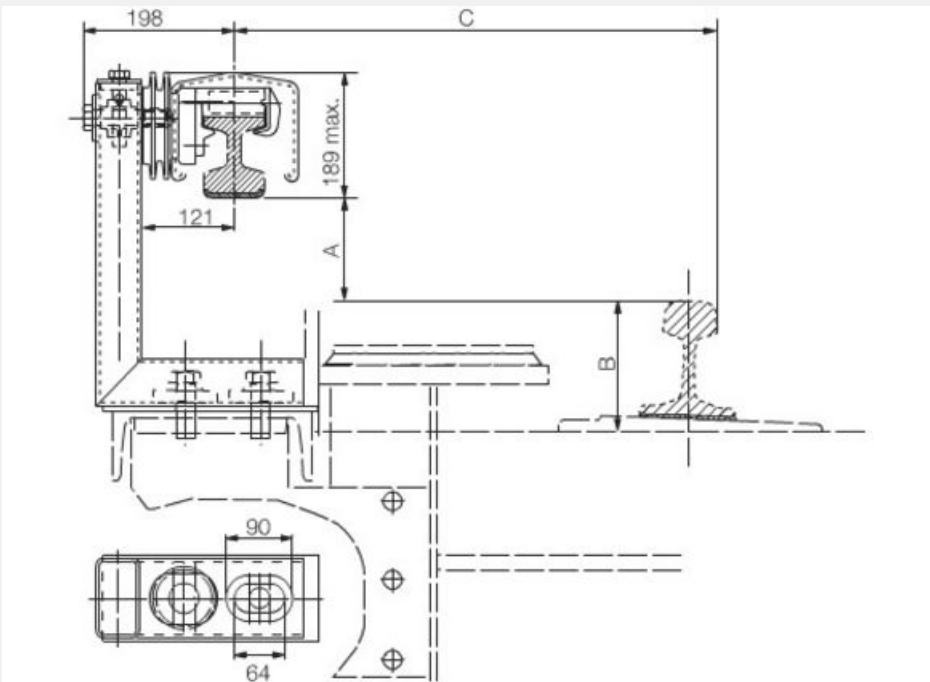


Material-ID	Name	Build Type	Drawing Number
3EGF011945	Stromschienenträger	Berlin urban railway, 4-hole	3EGF000987Z6312

Conductor rail support - Special construction for bridges (A)

special construction for bridges, with stainless steel fixation, vertically adjustable $\pm 20\text{ mm}$, rated voltage 1.5 kV.

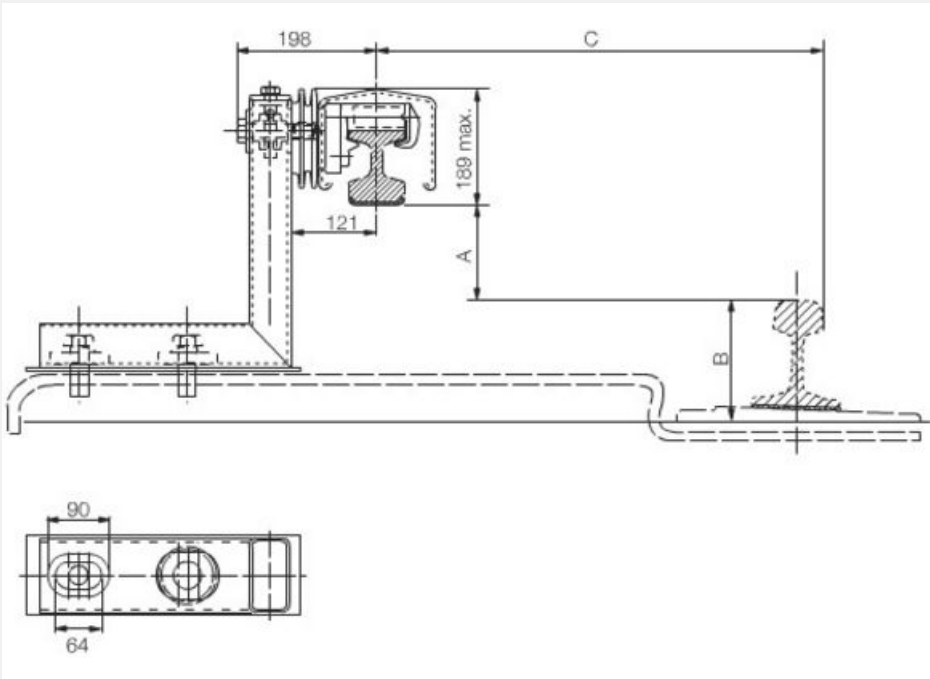
Supports with other dimensions and sleeper attachments upon request.



Material-ID	Drawing Number	Weight	Build Type	A	B	C
3EGF011904	3EGF003123Z6312	11,8 kg	Berlin urban railway, 2-hole	135 mm	139 mm	853 mm

Conductor rail support - Special construction for bridges (B)

special construction for bridges, with stainless steel fixation), vertically adjustable ± 20 mm, rated voltage 1.5 kV.
Supports with other dimensions and sleeper attachments upon request.



Material-ID	Drawing Number	Build Type	A	B	C
3EGF011908	3EGF002981Z6312	Berlin urban railway, 2-hole	135 mm	160 mm	853 mm

Conductor rail support (GRP) - Standard-type

Standard-type support, for Al composite and steel conductor rail, vertically adjustable ± 35 mm, rated voltage 1.5 kV.
Support with other dimensions and sleeper attachments on request.

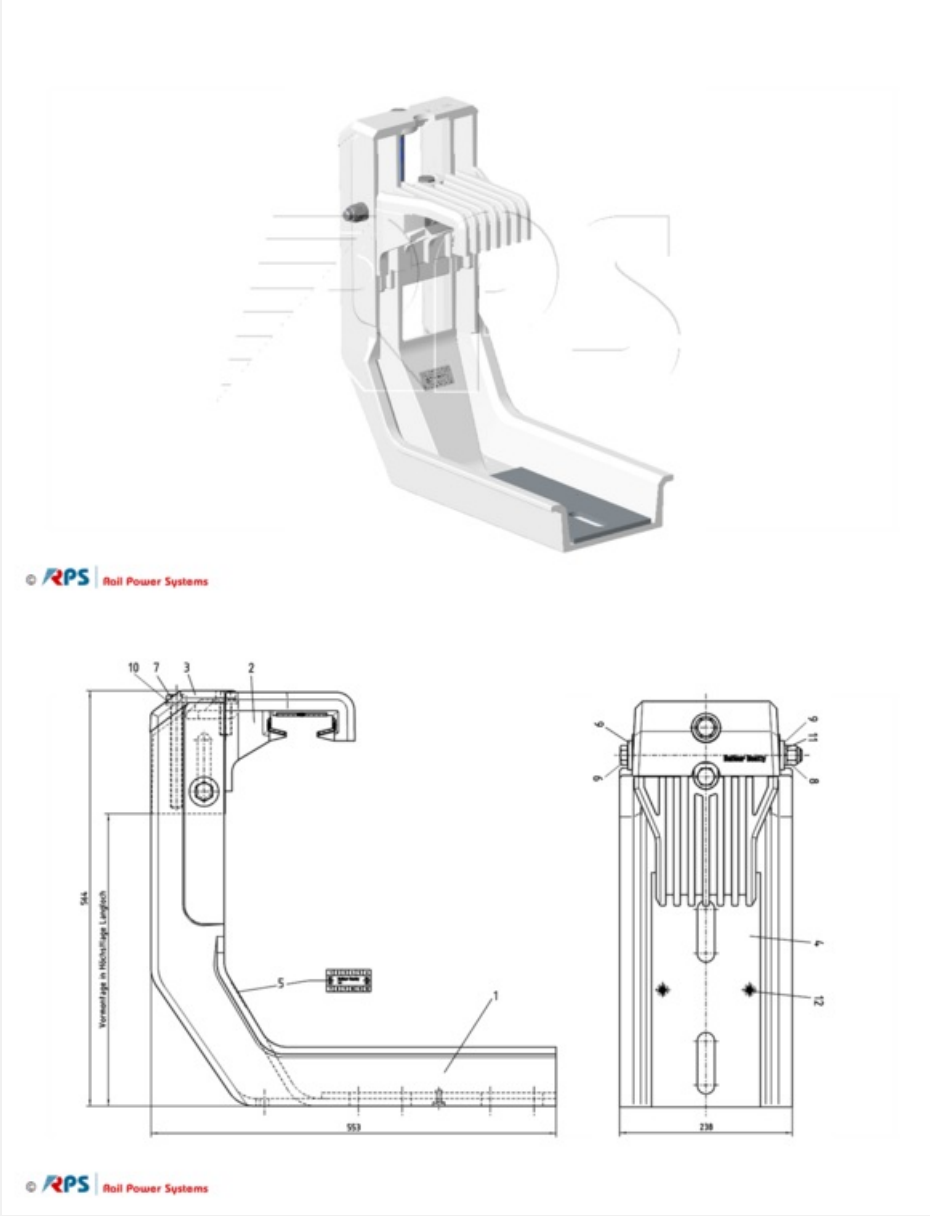


Material-ID	Name	Build Type	Weight	C	Drawing Number
3EGF009980	Stromschienenträger	Nuremberg underground, 2-hole	16,5 kg	629 mm	6700102345400
3EGF011506	Stromschienenträger	Metro Helsinki	16,5 kg	668 mm	001992Z6312

Conductor rail support (GRP) - Ramp-type

for use on ramps, for Al composite and St conductor rails, vertically adjustable ± 35 mm, rated voltage 1.5 kV.
Supports with other dimensions and sleeper attachments on request.

Picture shows Metro Helsinki.



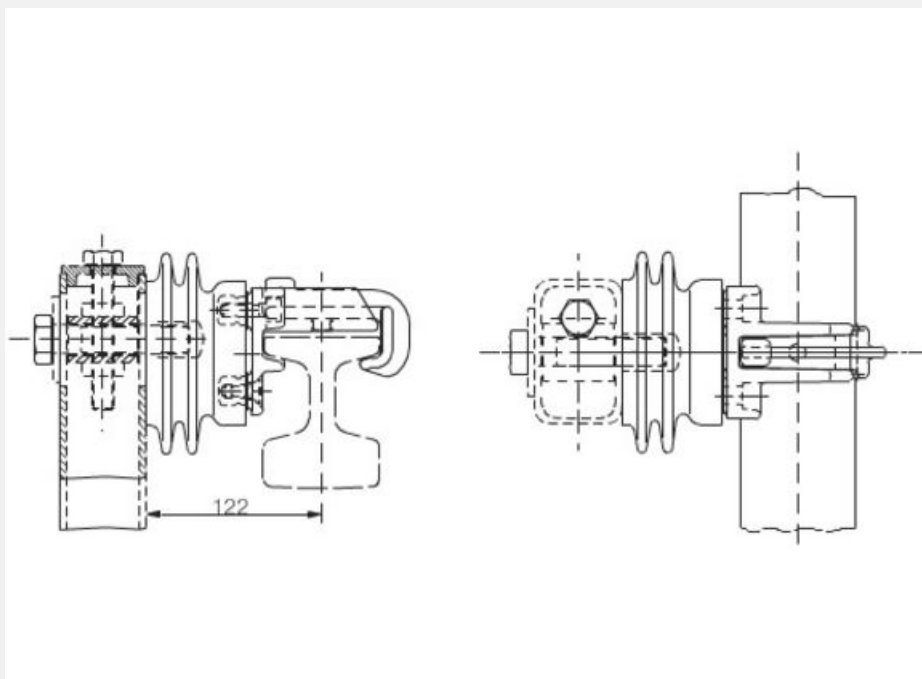
Material-ID	Name	Build Type	Weight	Rated impulse withstand voltage	C	Drawing Number
3EGF009981	Endstützpunkt	Nuremberg underground, 2-hole	16,500 kg	1,5 kV	629 mm	6700-102.345422-2

Conductor rail mountings

Insulator with malleable cast iron fixation

Insulator of cast resin.

Individual parts of the vertical adjustment device are available on request.

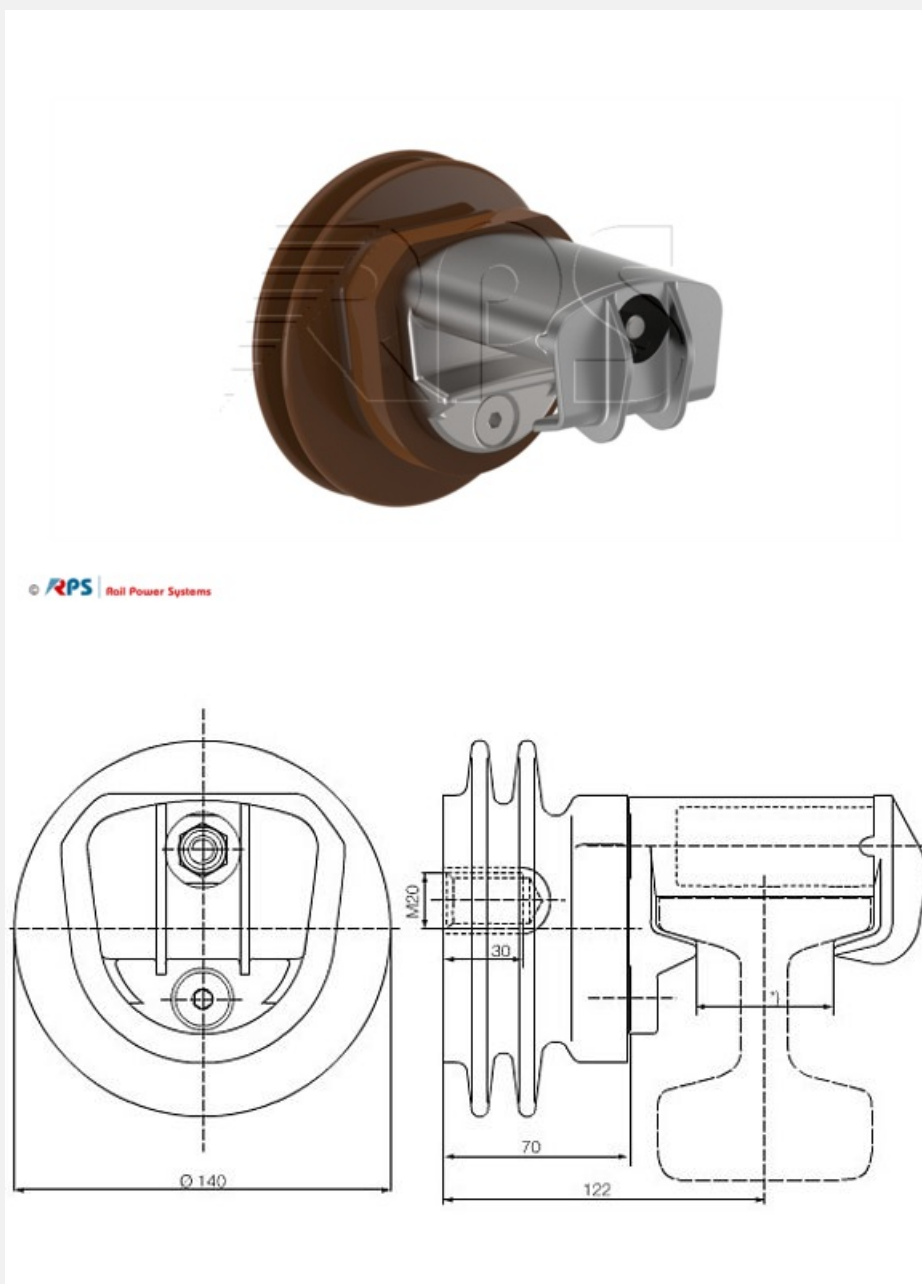


Material-ID	Drawing Number	Weight
3EGF010146	3EGF000538Z6314	3,73 kg

Insulator with stainless steel support

Insulator of cast resing

*) Mounting dimension ≥ 90 mm



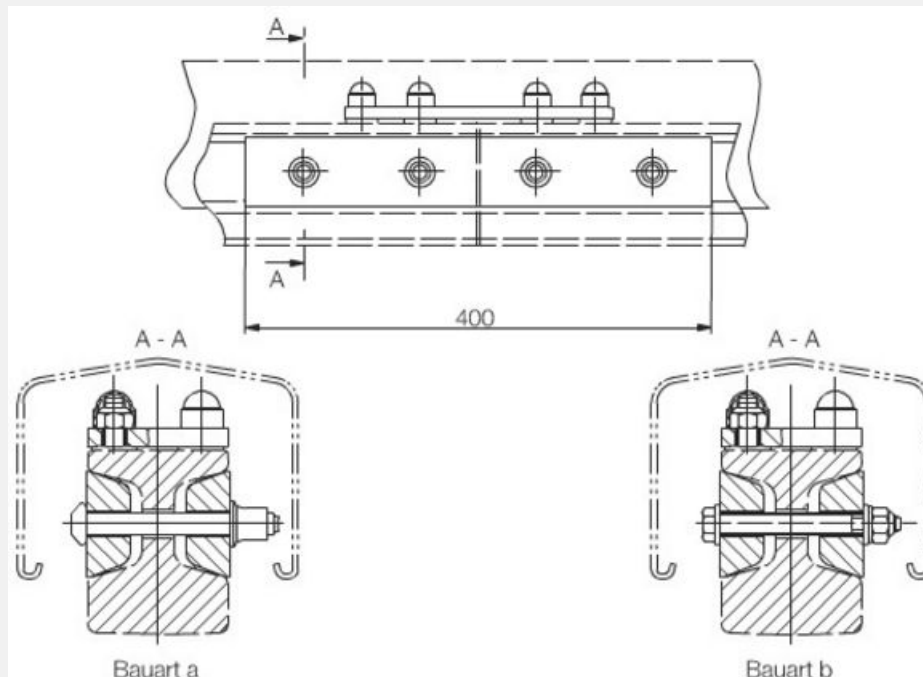
Material-ID	Drawing Number	Weight
3EGF009890	6700-102.345349-3	2,95 kg

Conductor rail parts

Conductor rail joint for steel conductor rail

non-detachable (with Huckbolt technology), detachable (with screwed joints), with copper link plate.

A stud welding unit is necessary for installation.

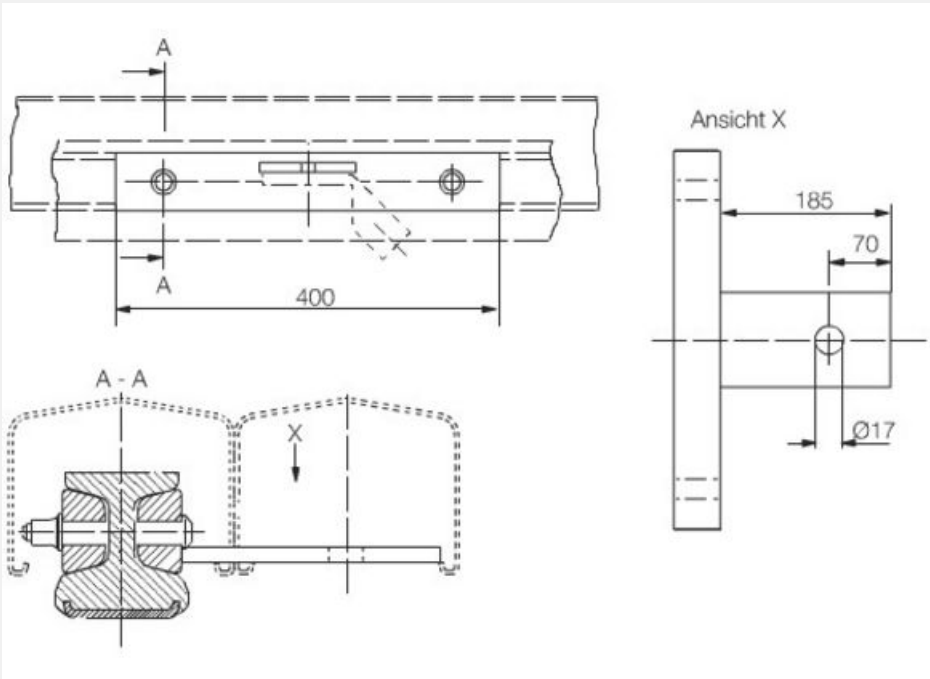


Material-ID	Drawing Number	Weight	Build Type
3EGF009726	6700-102.345355-3	8,0 kg	a) non-detachable
3EGF010276	3EGF000754Z6323		b) soluble

Cable terminal for aluminium composite conductor rail (A)

For aluminium composite conductor rail.

Also available with screwed joints on request.

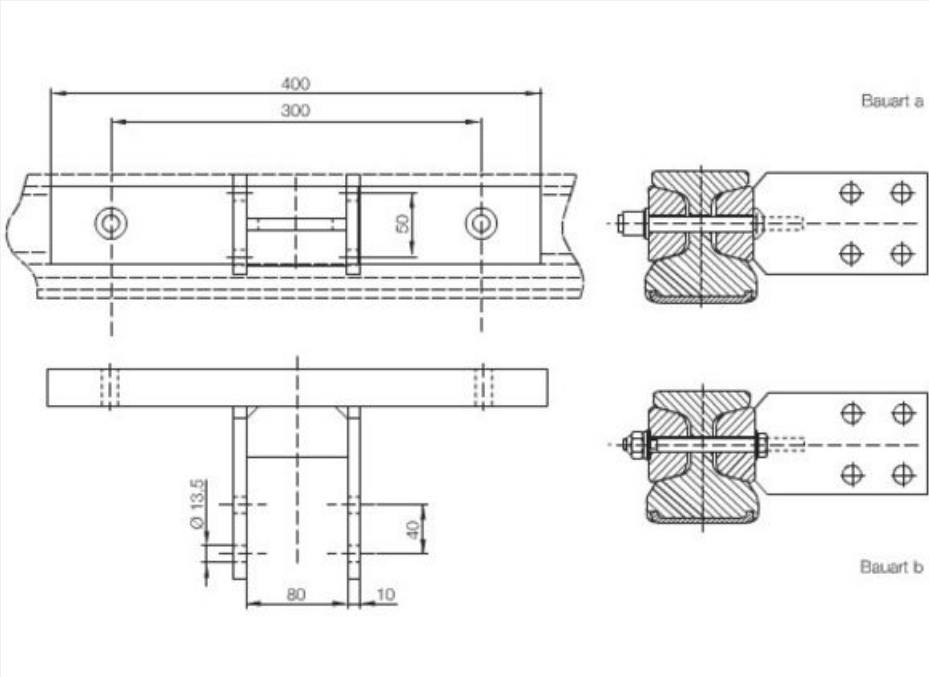


Material-ID	Drawing Number	Weight
3EGF010147	3EGF000661Z6343A	4,04 kg

Cable terminal for aluminium composite conductor rail (B)

For aluminium composite conductor rail, nondetachable (with Huckbolt technology), detachable (with screwed joints).

Other designs on request.

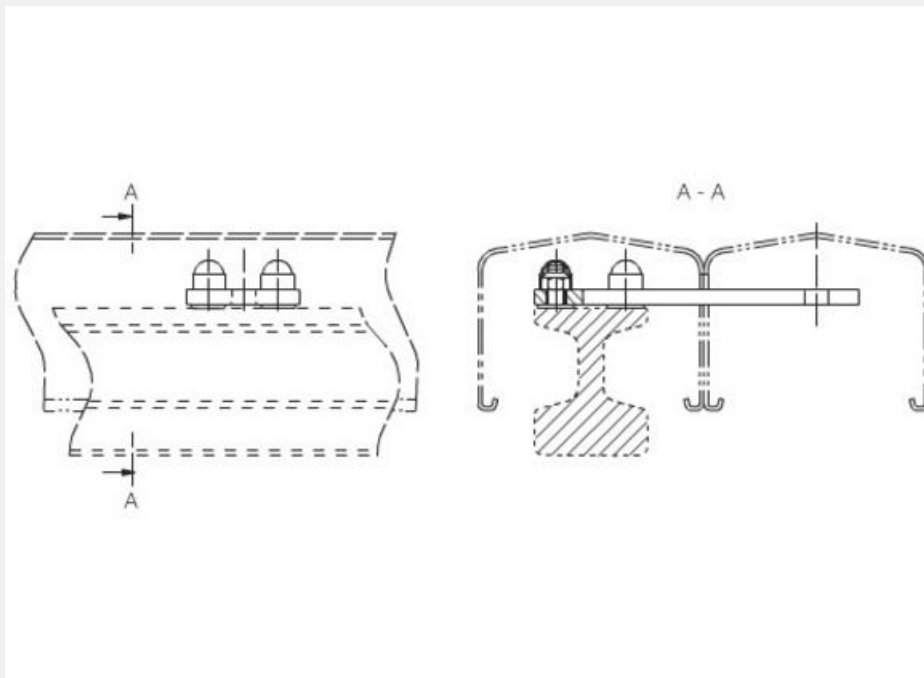


Material-ID	Drawing Number	Build Type
3EGF009696	6700-102.345381-3	a) non-detachable
3EGF010119	6700-102.345419-3	b) soluble

Cable terminal (for steel conductor rail)

For steel conductor rail.

A stud welding unit is necessary for installation.



Material-ID

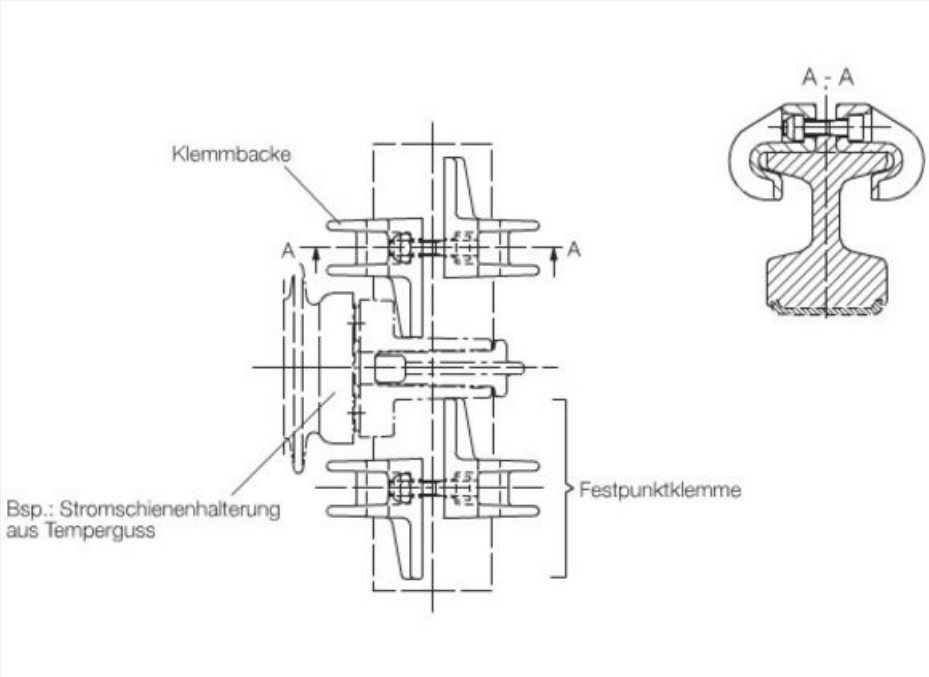
Drawing Number

3EGF009724

6700-102.345354-3

Conductor rail fixed point

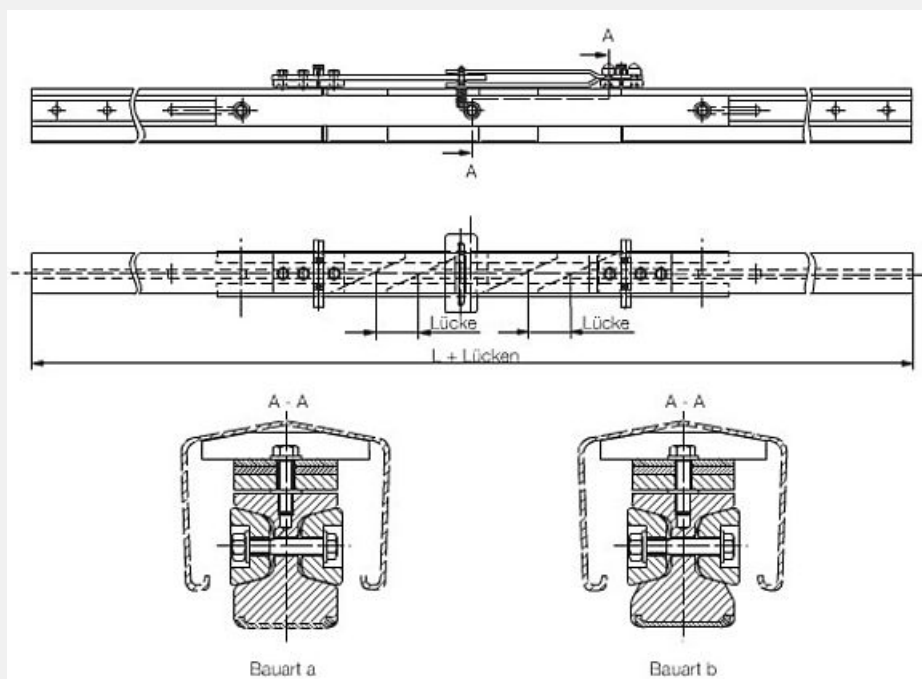
for aluminium composite conductor rail, for steel conductor rail



Material-ID	Drawing Number	Weight	Build Type
3EGF010386	6700-102.345402-3	1,98 kg	GTW

Expansion joint (for aluminium composite conductor rail)

for aluminium composite conductor rail, copper contact system, 4000 A, gaps max. 2 x 100 mm; profile: 6 D

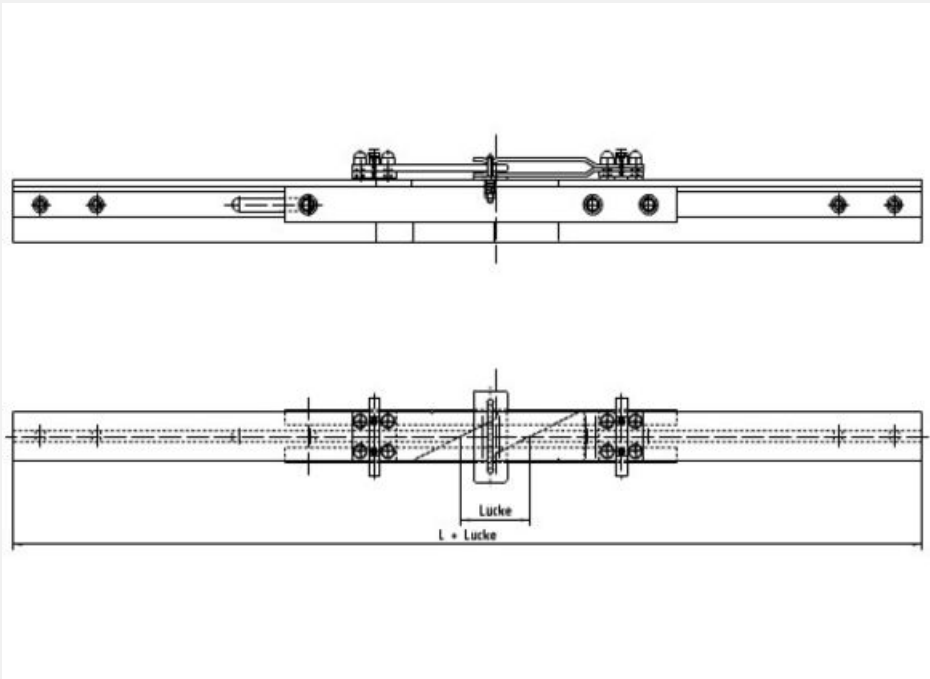


Material-ID	Drawing Number	Weight	L
3EGF012319	3EGF004506Z6331 B	3 kg	1500 mm
3EGF009194	3EGF000038Z6331 B	42,8 kg	1500 mm
3EGF010053	6700-102.345385-1	71,0 kg	3000 mm
3EGF009342	3EGF000038Z6331 A	71,0 kg	3000 mm

Expansion joint (for steel conductor rail)

For steel conductor rail, copper contact system, gap max. 127 mm.

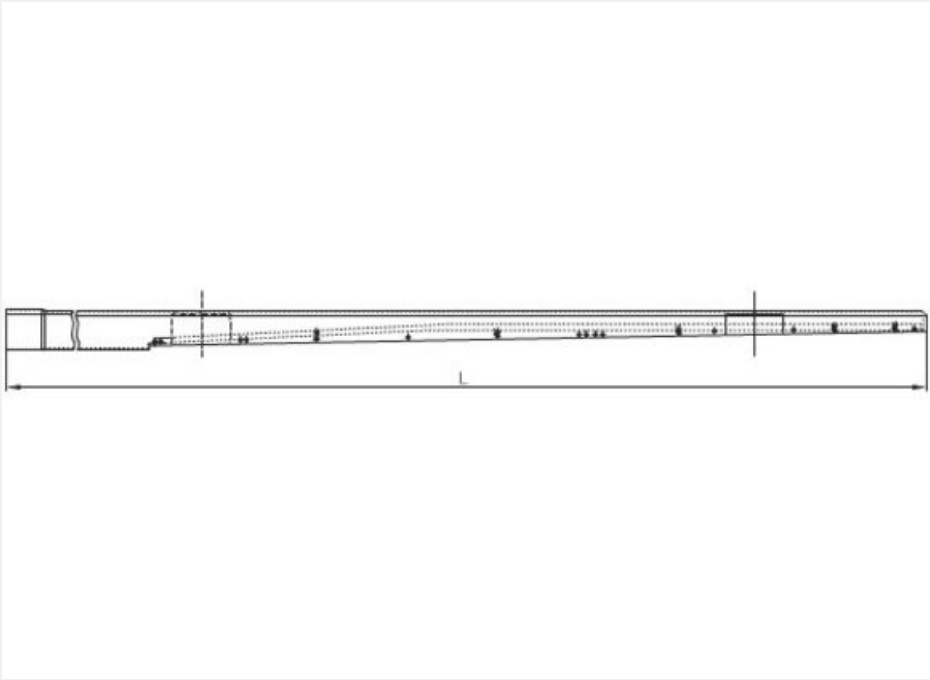
Other lengths on request.



Material-ID	Drawing Number	Weight	L
3EGF009722	6700-102.345357-3	68,0 kg	1500 mm

Protective cover for ramp (in switch sections)

Made of halogen-free material acc. DIN VDE 0472Part 815, self-extinguishing according to UL 94 V-0, for aluminium composite conductor rail and steel conductor rail. Tilt: 1:30



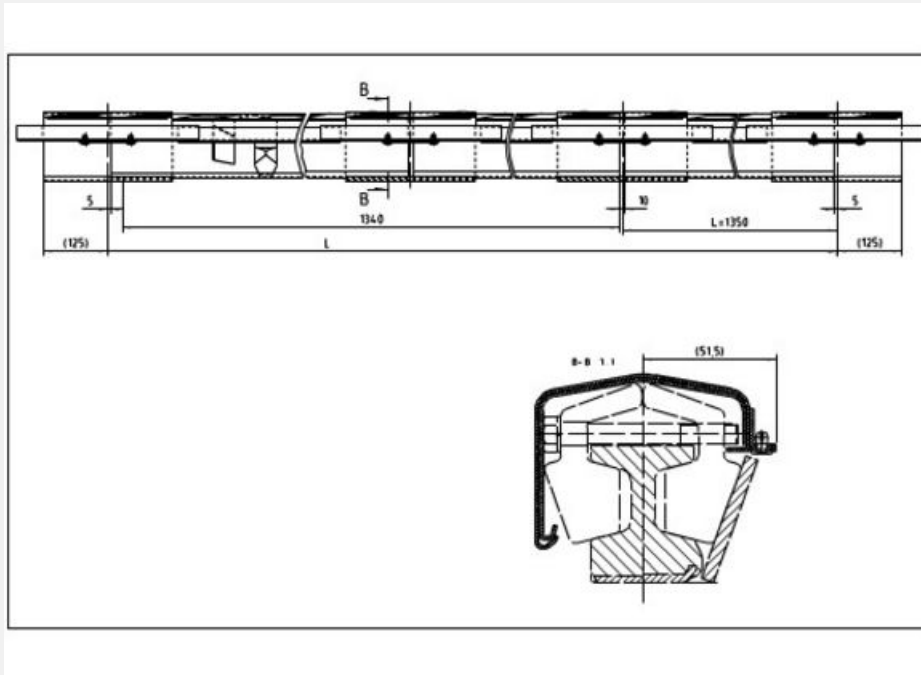
Material-ID	Drawing Number	Build Type	L
3EGF010266	DIN VDE 0472 Teil 815	Nuremberg underground	3600 mm
3EGF010267	DIN VDE 0472 Teil 815	Nuremberg underground	5350 mm

Protective cover for ramp (in switch sections)

Made of PVC.

The necessary spacers are included.

For switch point: R 190

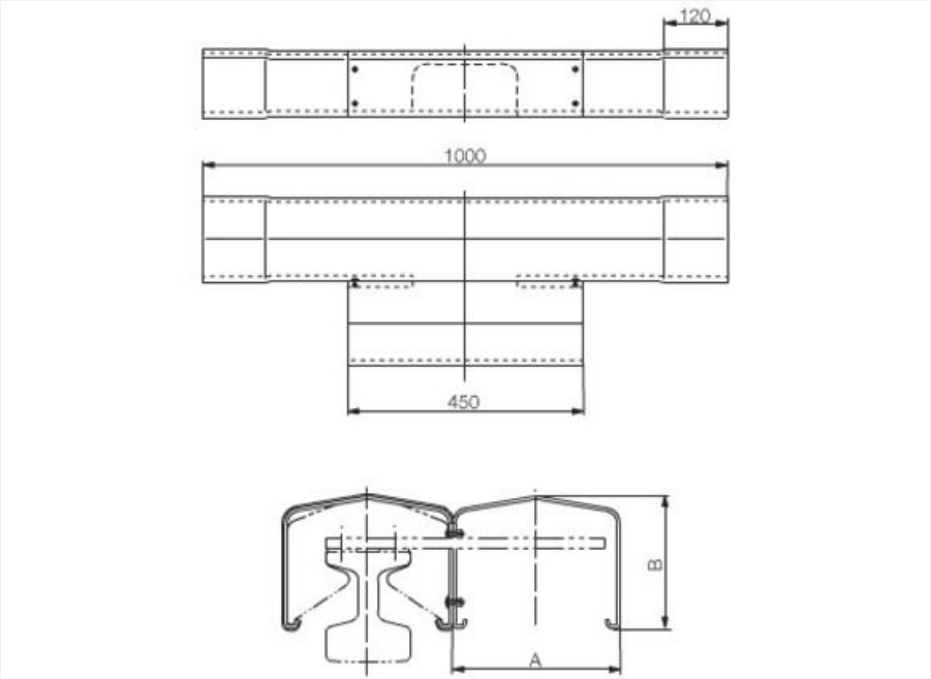


Material-ID	Drawing Number	Weight	Build Type	L
3EGF011299	3EGF001452Z6371 A	13,147 kg	Berlin urban railway	6750 mm
3EGF011300	3EGF001452Z6371 B	15,690 kg	Berlin urban railway	8100 mm
3EGF011301	3EGF001452Z6371 C	18,229 kg	Berlin urban railway	9450 mm

Protective cover for cable terminal (A)

Made of PVC.

Other dimensions on request.



Material-ID	Drawing Number	Build Type	A	B
3EGF010144	6700-102.345311-2	Berlin urban railway / underground	160 mm	125 mm

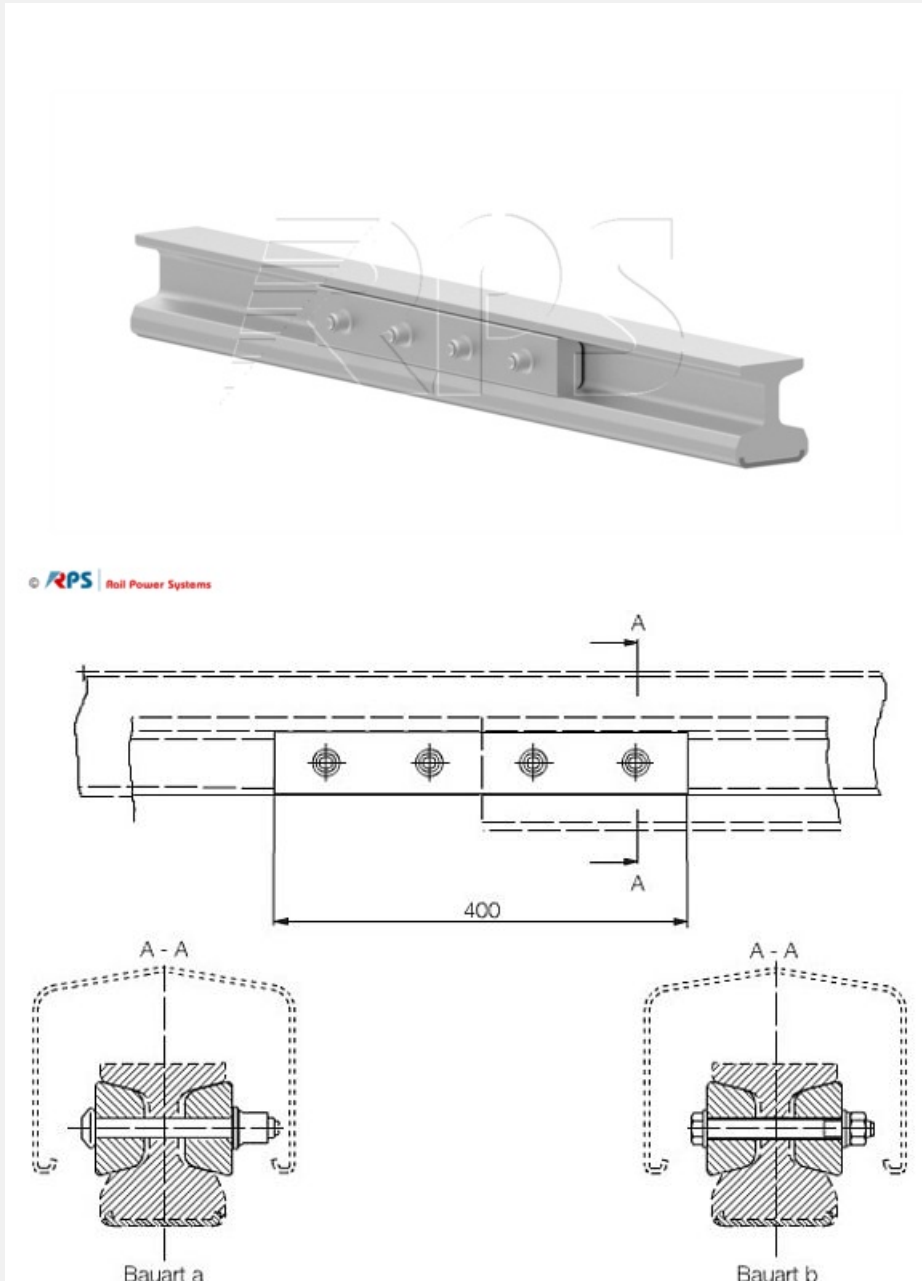
Protective covers 3rd Rail

PVC covering system, Colour: grey

Bestellnummer	Bezeichnung	Darstellung
	Regelprofil L = 4950 mm 3EGF010270	
3EGF010269	Abdeckung L = 6300 mm Muffe L = 120 mm	
3EGF010272	Verbindungsstück L = 450 mm Muffen L = 150 mm	
3EGF010271	Isolatorabdeckung L = 650 mm Muffen L = 150 mm	
3EGF010274	Einspeiseabdeckung L = 300 mm mit 2 Haltefaschen	
	Muffe L = 250 mm 3EGF010277	
3EGF010268	Endauflaufabdeckung für Auflauf Al/St 3900 mm 1:35,71 Ausführung rechts	
3EGF010456	Abstandhalter	

Material-ID	Name	Weight	L	Drawing Number
3EGF010270	Regelprofil	3 kg	4950 mm	277 804
3EGF010269	Abdeckung mit Muffe		6300 / 120 mm	274 580
3EGF010272	Verbindungsstück mit Muffe		450 / 150 mm	273 256
3EGF010271	Isolatorabdeckung mit Muffe		650 / 150 mm	277 414
3EGF010274	Einspeiseabdeckung		300 mm	PK-51 158
3EGF010277	Muffe		250 mm	278 198
3EGF010268	Endauflaufabdeckung		3900 mm	272 126
3EGF010456	Abstandhalter			6700-102.345393-3

Conductor rail joint for aluminium conductor rail

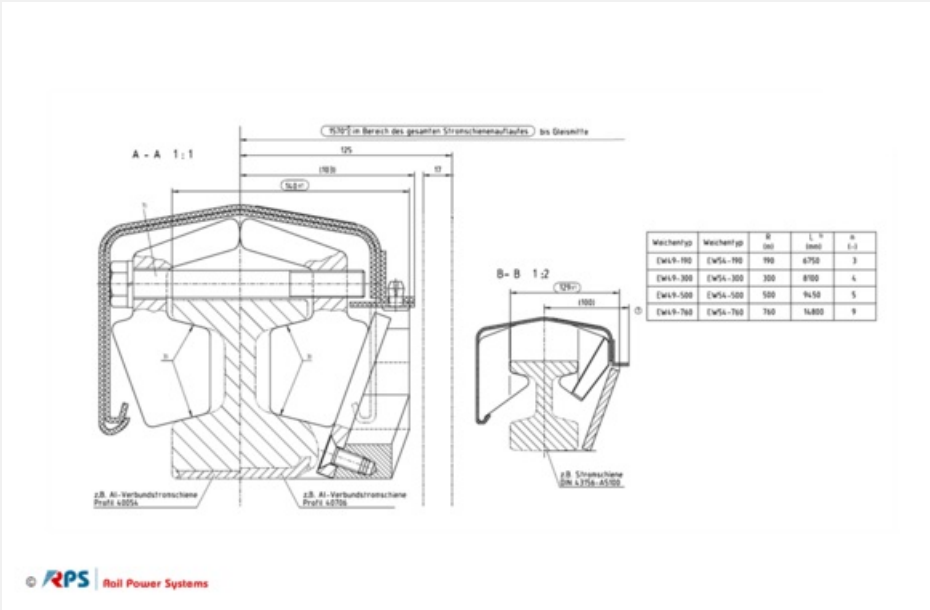


Material-ID	Drawing Number	Weight	Build Type
3EGF010385	6700-102.345420-3	3,6 kg	b) soluble

Conductor rail stops

Conductor rail ramp (for open tracks)

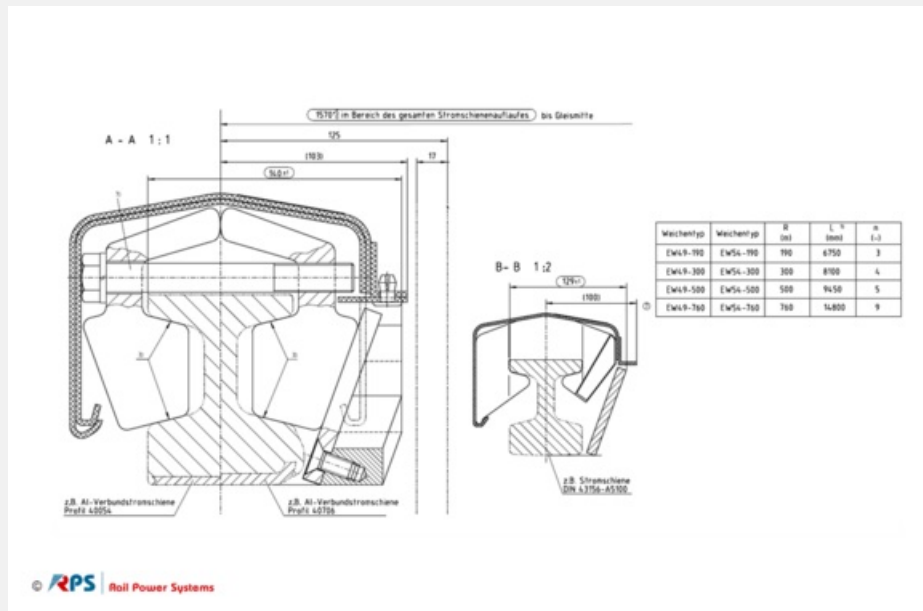
Screwed on in straight sections, for aluminium profiles 40706 and 6D, for steel conductor rail, with protective cover.



Material-ID	Name	Build Type	Weight	L	Drawing Number
3EGF011000	Weichenauflauf	Berlin urban railway	112 kg	6750 mm	00720Z6351 a
3EGF011001	Weichenauflauf	Berlin urban railway	132 kg	8100 mm	00720Z6351 b
3EGF011002	Weichenauflauf	Berlin urban railway	152 kg	9450 mm	00720Z6351 c
3EGF011321	Weichenauflauf	Berlin urban railway	112 kg	6750 mm	00720Z6351 d
3EGF011322	Weichenauflauf	Berlin urban railway	132 kg	8100 mm	3EGF000720Z6351 e
3EGF011323	Weichenauflauf	Berlin urban railway	152 kg	9450 mm	00720Z6351 f

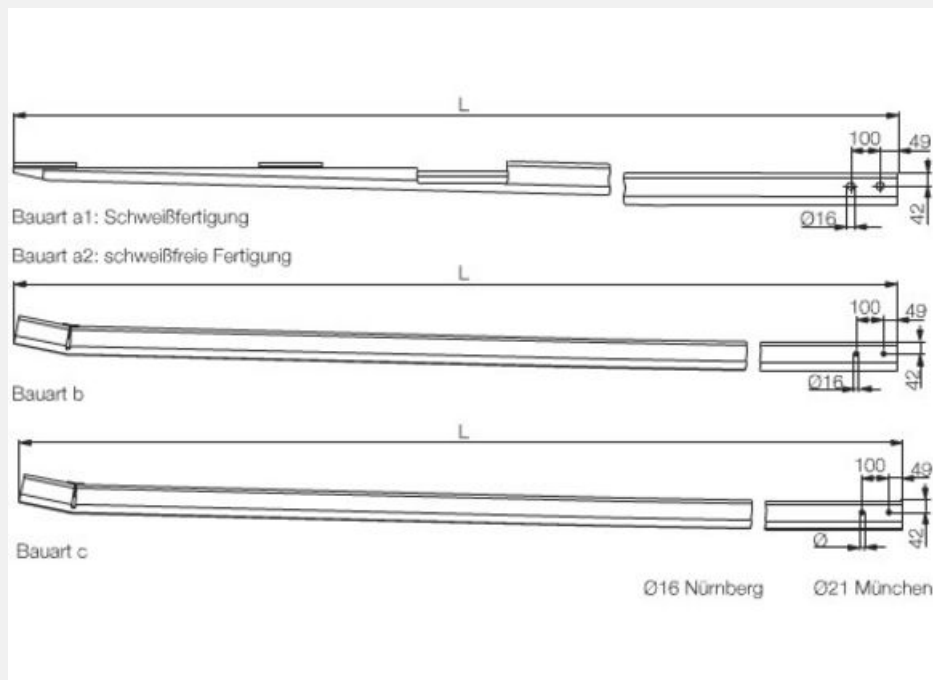
Conductor rail ramp (for switch sections in tunnels)

Screwed on in straight sections, for aluminium profiles 40706 and 6D, for steel conductor rail, with protective cover.



Material-ID	Name	Build Type	Weight	L	Drawing Number
3EGF013058	Conductor rail ramp	Approach: right, radius: R 190	112 kg	6750 mm	3EGF000720Z6351 M
3EGF013059	Conductor rail ramp	Approach: right, radius: R 300	132 kg	8100 mm	3EGF000720Z6351 N
3EGF013060	Conductor rail ramp	Approach: right; radius: R 500	152 kg	9450 mm	3EGF000720Z6351 O
3EGF013061	Conductor rail ramp	Approach: left; radius: R 190	112 kg	6750 mm	3EGF000720Z6351 P
3EGF013062	Conductor rail ramp	Approach: left; radius: R 300	132 kg	8100 mm	3EGF000720Z6351 Q
3EGF013063	Conductor rail ramp	Approach: left; radius: R 500	152 kg	9450 mm	3EGF000720Z6351 R

Profile: 40054

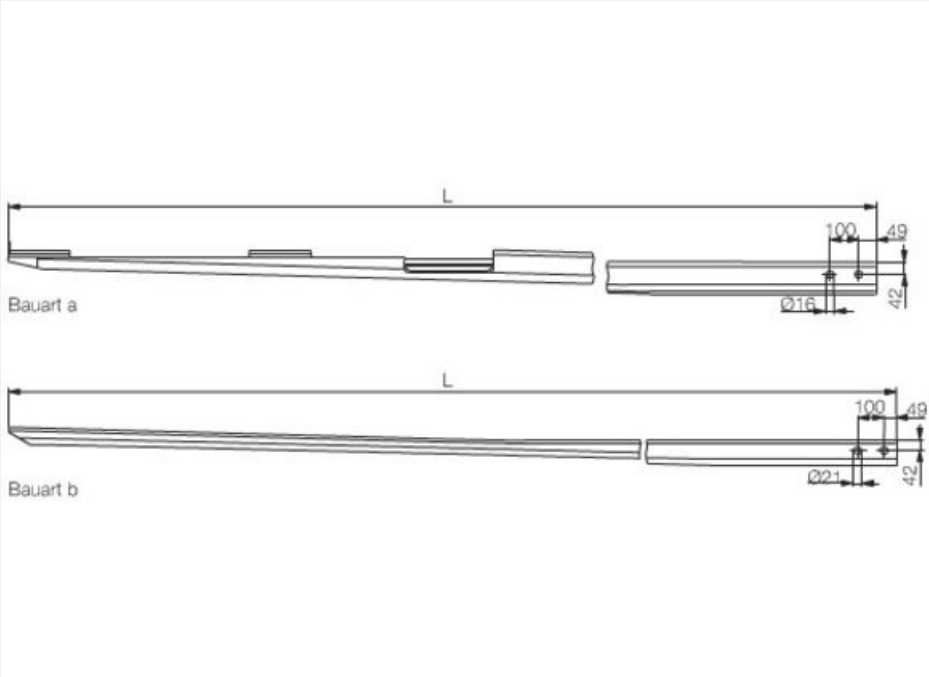


Material-ID	Drawing Number	Weight	Build Type	L
3EGF010068	B4700-1724(4)	55,0 kg	a1) Berlin urban railway	3900 mm
3EGF010156	3EGF000531Z6351	55,6 kg	a) Berlin urban railway	3900 mm
3EGF010187	3EGF000597Z6351	65,4 kg	a) Berlin urban railway	3900 mm
3EGF010117	6700-102.345351-3	58,0 kg	a) Berlin urban railway	3700 mm
3EGF010388	6700-102.345399-1	58,0 kg	Nuremberg underground	3500 mm
3EGF010389	6700-102.345387-1	58,0 kg	Nuremberg underground	5250 mm

Conductor rail ramp (for steel conductor rail)

For steel conductor rail. Other designs on request.

Tilt: 1:35,71



Material-ID	Drawing Number	Weight	Build Type	L
3EGF010115	4649303	140 kg	a) Berlin urban railway	3900 mm

