

C A T A L O G U E

REINFORCED CONCRETE PRODUCTS



DESCRIPTION OF THE REINFORCED CONCRETE PRODUCT CATALOGUE

The Reinforced Concrete Products Catalogue is designed for clients and partners of the company.

Target use and operating classification of the cabling and wiring products are featured in the sections of this catalogue.

The catalogue contains description of main products. This description is provided in tables with the following cells:

- 1. Product Name.
- 2. Product Dimensions.
- 3. Concrete Amount and Grade.
- 4. Three Dimensional Image and Drawing.
- 5. Type of Concrete Inserts.
- 6. A document that regulates manufacturing process

Product name, main parameters and technical description correspond to the requirements stated in the documents that regulate the manufacturing process.

Description of the products has a reference purpose and it cannot be used as an official regulatory document.

Based on the client’s requirements, products can be produced using sulphate resistant cement and applying prime coating for waterproofing. Bitumen, enamels based on chlorosulfonated polyethylene Type XII or coatings based on epoxy resin can be used for waterproofing purposes. Product fixtures can be protected from corrosion using hot or cold galvanization, or using paint and lacquer materials.

Should you have any questions, please do not hesitate to contact our company representatives.

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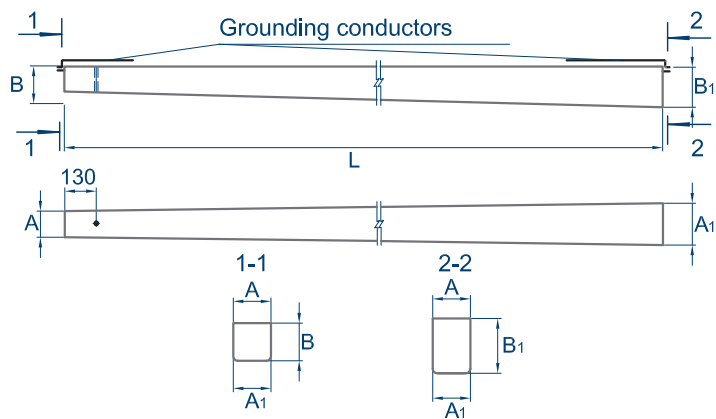
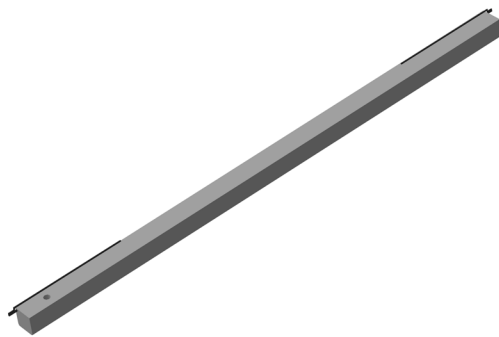
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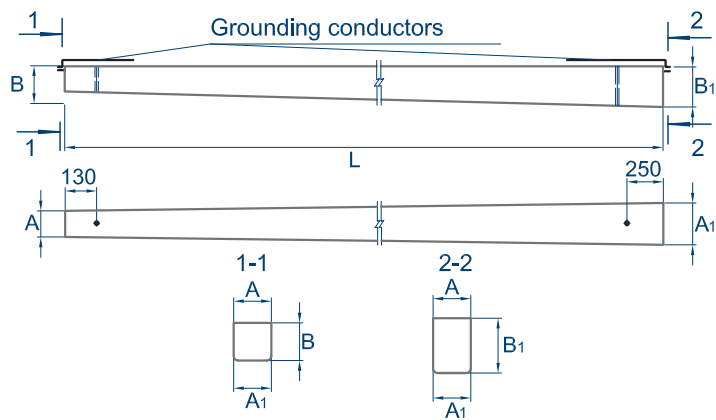
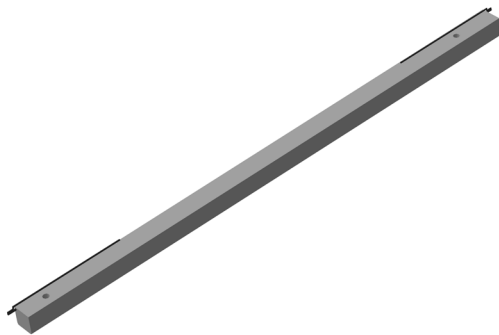
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Standard Series: KP 31 «Promstroyproekt» JSC, Code 24.7759, «RosEP» OJSC, ST TOO 39065464-025-2009

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		L	B1	B2	A	A1		
1	CB 95-2	9500	165	240	165	150	0,300	B25
2	CB 95-3	9500	165	240	165	150	0,300	B30

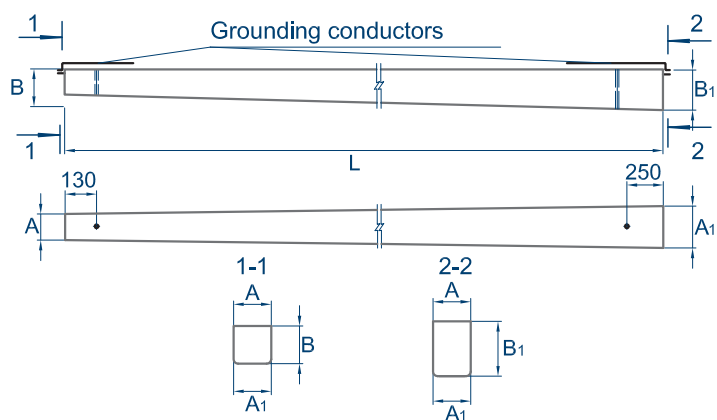
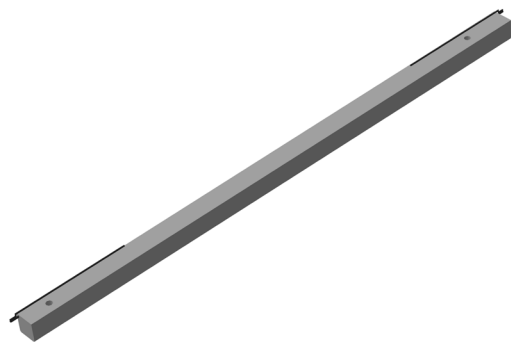
Reinforced concrete supports, pre-stressed, made from vibrated concrete for overhead power transmission towers and also for light poles. Supports are manufactured with different types of bent parts.



Standard Series: 3.407.1-1.43, «RosEP» OJSC, Code 24.7759, design drawings - ЛЭП 98.02, ST TOO 39065464-025-2009

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		L	B	B1	A	A1		
1	CB 105-3,5	10500	190	280	200	180	0,470	B25
2	CB 105-5	10500	190	280	200	180	0,470	B30
3	CB 110-3,5	11000	165	280	185	175	0,450	B30
4	CB 110-5	11000	165	280	185	175	0,450	B30

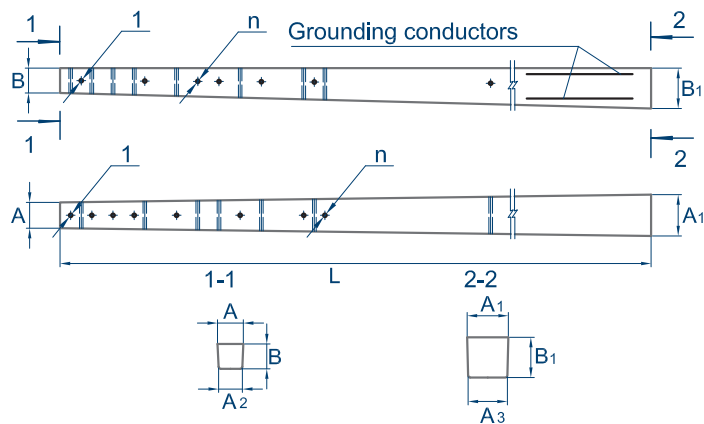
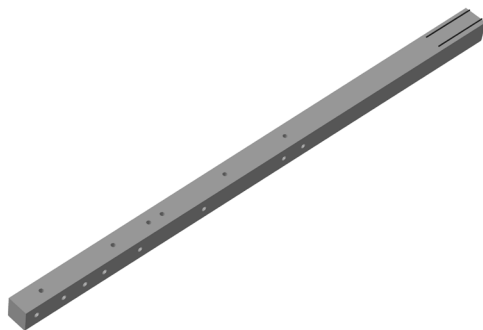
Reinforced concrete supports, pre-stressed, made from vibrated concrete for 10 kV overhead power transmission towers and also for light poles. Supports are manufactured with different types of bent parts.



CT TOO 39065464-025-2009, design drawings - 9033 «Central Scientific-Research Institute of Engineering Surveys for Construction» OJSC, CT TOO 39065464-025-2009

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		L	B	B1	A	A1		
1	CBC 105-3,5	10500	190	280	205	175	0,470	B30
2	CBC 105-5	10500	190	280	205	175	0,470	B30

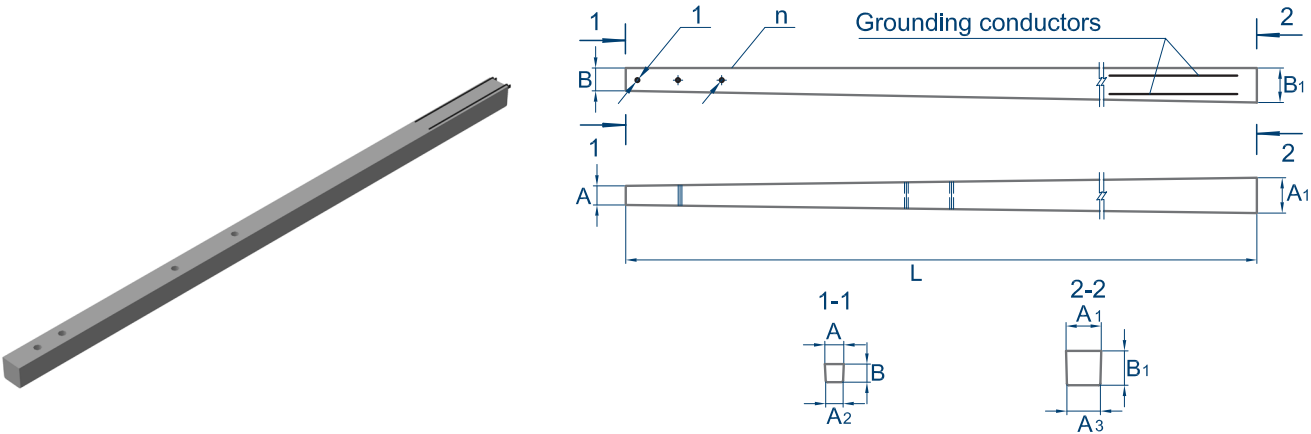
Reinforced concrete supports, pre-stressed, made from vibrated concrete for 10 kV overhead power transmission towers and also for light poles. CBC Type Supports, reinforced with compound re-bars. High corrosion resistance and recommended for use in heavily corrosive environments. Supports are manufactured with different types of bent parts.



ST TOO 39065464-025-2009

№	Product Name	Dimensions, mm							n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	B	B1	A	A1	A2	A3				
1	CB 130	13000	234	380	390	244	370	223	7	200, 600, 500, 200, 400, 500, 2100	1,250	B25
									9	100, 3x200, 400, 600, 600, 200, 2000		

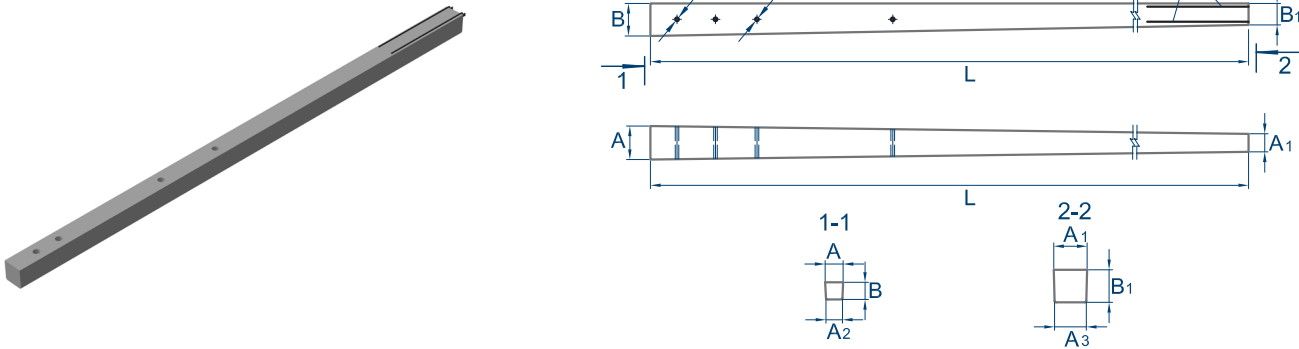
Reinforced concrete supports, pre-stressed, made from vibrated concrete for overhead power transmission towers and also for light poles.



Standard Series 3.407.1-143.7, Series КП31, ST TOO 39065464-025-2009

№	Product Name	Dimensions, mm							n , pcs.	Distance from the top, mm	Amount of concrete, m ³	Concrete Grade
		L	B	B1	A	A1	A2	A3				
1	CB 164-12	16400	200	380	210	390	190	370	3	600, 2500, 500	1,420	B25

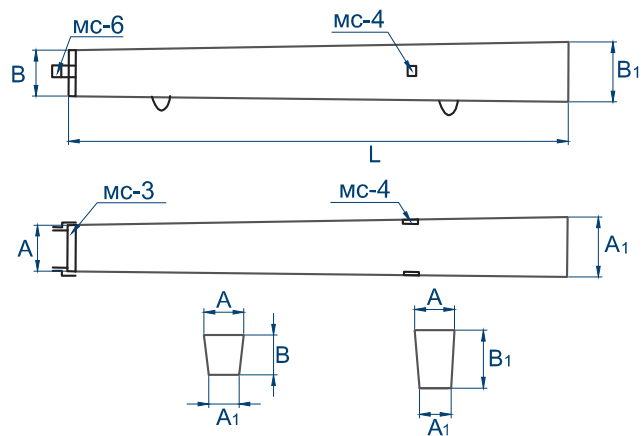
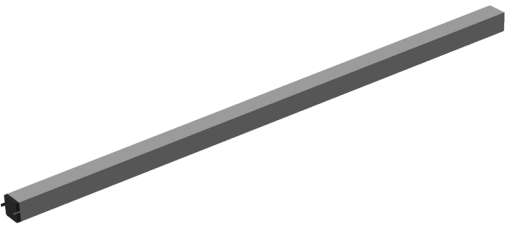
Reinforced concrete supports, pre-stressed, made from vibrated concrete for up 35 kV overhead power transmission towers.



CT TOO 39065464-025-2009

№	Product Name	Dimensions, mm							n , pcs.	Distance from the top, mm	Amount of concrete, m ³	Concrete Grade
		L	B	B1	A	A1	A2	A3				
1	CB 164-2	16400	390	200	390	210	190	370	4	450, 500, 2000, 1000	1,420	B30

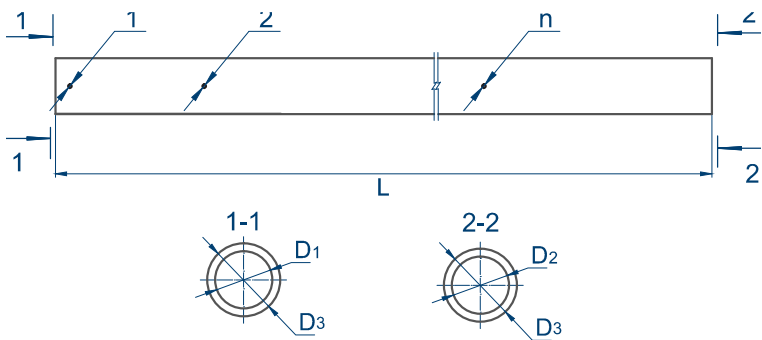
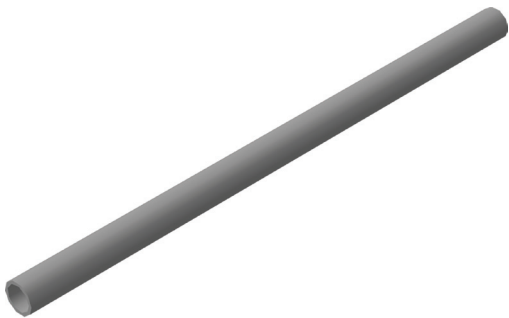
Reinforced concrete supports, pre-stressed, made from vibrated concrete for up 35 kV overhead power transmission towers. Supports are used as anchor and angle supports. In this case they are attached to guy lines with the butts pointed upward.



Standard Series 3.407.1-137

№	Product Name	Dimensions, mm					Amount of concrete, m ³	Concrete Grade
		L	B	B1	A	A1		
1	BC 105-167	10500	293	407	283	397	1,300	B30

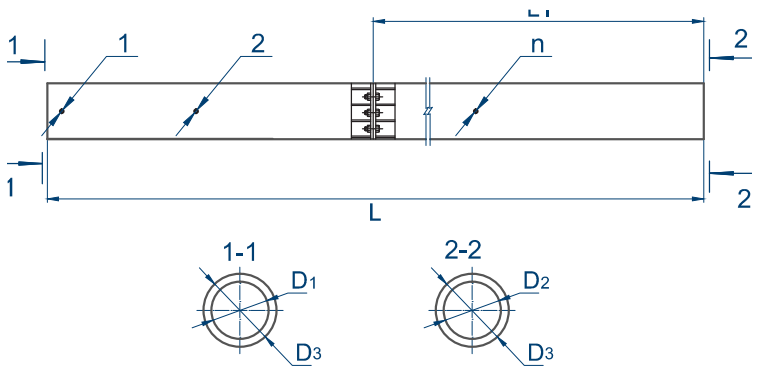
Reinforced concrete supports, pre-stressed, made from vibrated concrete for open distribution system towers with 35-110 kV tension.



GOST 22687.0-85

№	Product Name	Dimensions, mm				n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	D1	D2	D3				
1	CL 22.1-1.1	22200	450	430	560	3	150, 2550, 1500	2,090	B40
2	CL 22.1-1.3	22200	450	430	560	3	150, 2550, 1500	2,090	B40

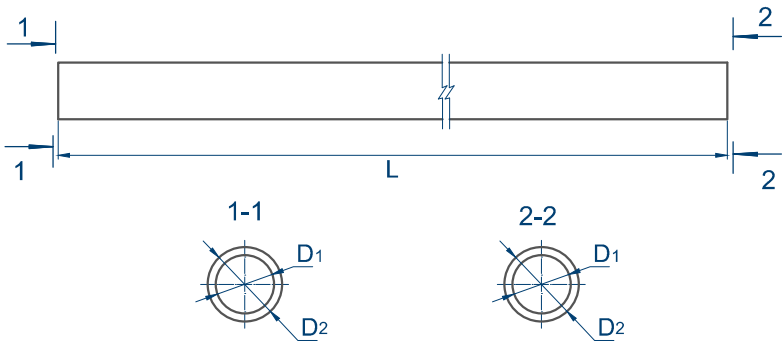
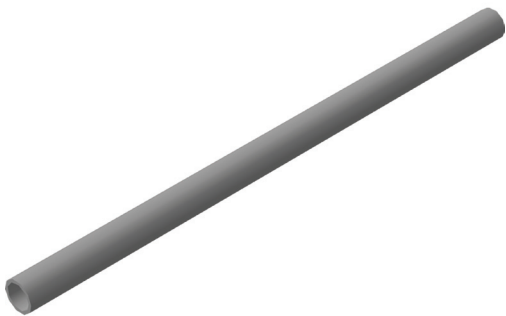
Reinforced concrete supports, pre-stressed, cylinder shaped, made using centrifuge method. They can be used for 35-750 kV overhead power transmission towers. Supports are manufactured and delivered with a footstep pillow (П 1-3) in a kit. The last digit in a support title corresponds to the reinforcement type: 3 stands for metal rope K7. This type of support is recommended for use in corrosive environments.



GOST 22687.0-85

№	Product Name	Dimensions, mm					n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	L1	D1	D2	D3				
1	CL 22.1-1.1c6	22200	11000	450	430	560	3	150, 2550, 1500	2,22	B40
2	CL 22.1-1.3c6	22200	11000	450	430	560	3	150, 2550, 1500	2,22	B40

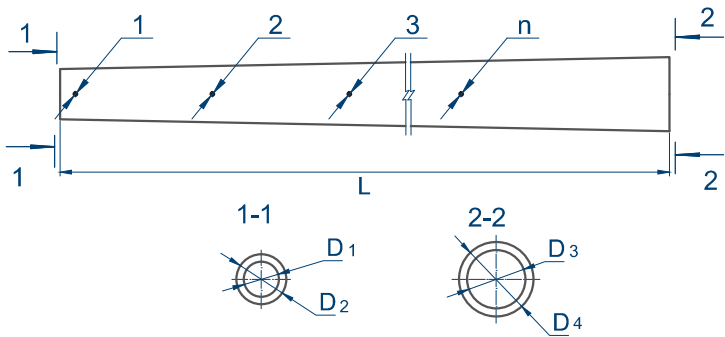
Cylinder shaped, reinforced concrete supports, pre-stressed, made from spun concrete for 35 kV overhead power transmission towers. Supports are designed for use in difficult access areas. A support is divided into two parts which are connected with a metal flange. Flange connections are robust similar to a one piece product. Built-up, made from spun concrete, reinforced concrete supports meet all the requirements applicable to one-piece support specified in state regulatory documentation. To avoid corrosion, all non-concrete metal parts are covered with anti-corrosive paint using hot or cold dip technology. Standard sets of built-up supports include base sections, П 1-3 footstep pillow, as well as metalware to assemble a whole unit.



Standard Series 3.407.1-157, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	D1	D2		
1	ЦСП 120-200	12000	450	560	1,050	B40
2	ЦСП 140-280	14000	450	560	1,220	B40
3	ЦСП 170-290	17000	450	560	1,480	B40
4	ЦСП 195-310	19500	450	560	1,700	B40
5	ЦСП 220-350	22200	450	560	1,940	B40

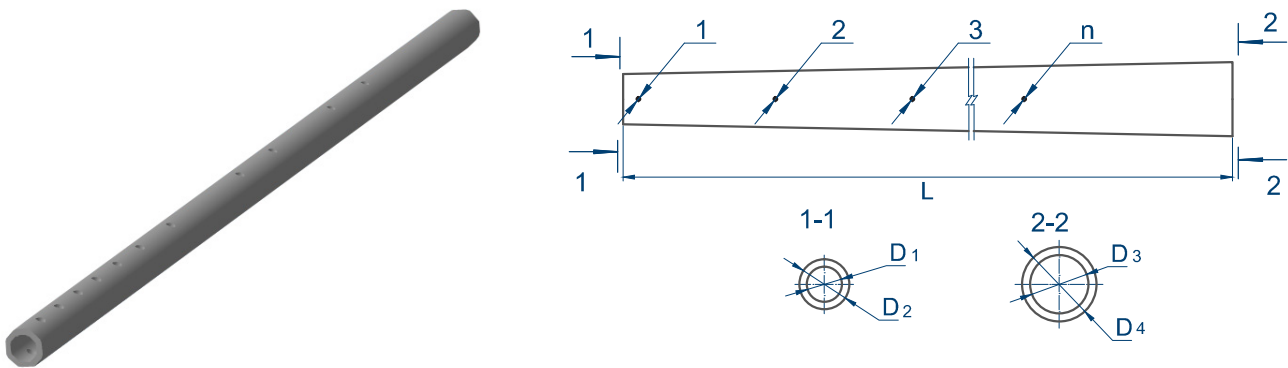
Reinforced concrete supports, pre-stressed, cylinder shaped, made using centrifuge method. They are manufactured to design 220, 330 и 500 kV open distribution devices, searchlight towers and stand alone lightning conductors. This type of support is recommended for use in corrosive environments.



GOST 22687.0-85, drawings №3693-25

№	Product Name	Dimensions, mm					n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	D1	D2	D3	D4				
1	CK 16. 1-1.3	16400	300	410	450	560	8	100, 1000x7	1,317	B40
2	CK 16. 1-3.3	16400	300	410	450	560	8	100, 1000x7	1,317	B40

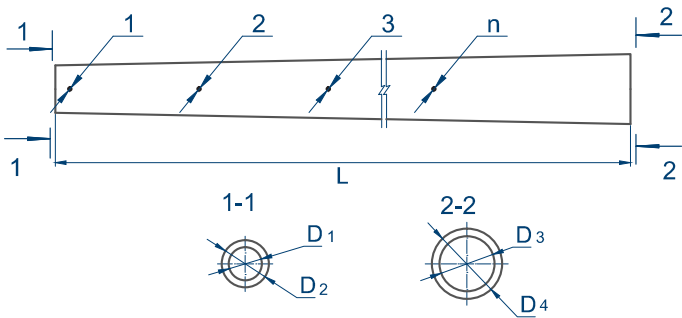
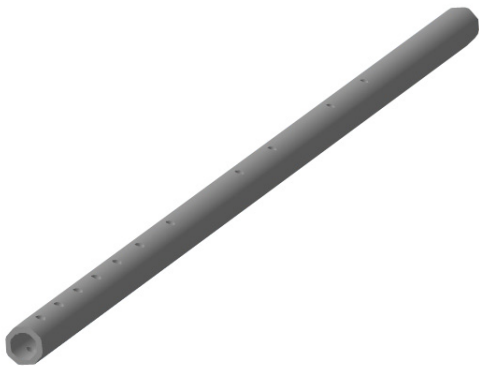
Cone shaped, reinforced concrete supports, pre-stressed, manufactured using centrifuge method for 35 kV overhead power transmission towers. CK16 supports are manufactured and delivered in a set with П 1 footstep pillow. This type of support is recommended for use in corrosive environments.



Standard Series 3.407.1-175, 13104™, 3.407.1-151, 3.407.1-152, 13247™, GOST 22687.0-85

№	Product Name	Dimensions, mm					n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	D1	D2	D3	D4				
1	CK 22.1-1.3	22600	330	440	540	650	10	100, 1000x9	1,917	B40
2	CK 22.1-2.3	22600	330	440	540	650	8	100, 1000x7	1,917	B40
3	CK 22.1-3.3	22600	330	440	540	650	10	100, 1000x9	1,917	B40
4	CK 22.2-1.3	22600	310	440	490	650	9	300, 1000x6 2000x4	2,317	B40
5	CK 22.3-1.3	22600	310	440	510	650	6	200, 2500 2000x4	2,217	B40
6	CK 22.3-2.3	22600	310	440	510	650	8	200, 1500x1, 1000x1, 2000x1, 1000x2, 2000x2	2,217	B40
7	CK 22.4-1.3	22600	340	440	540	650	11	100, 1000x2 500x6, 1000x2	1,827	B40
8	CK 22.4-2.3	22600	340	440	540	650	18	100, 500x17	1,827	B40
9	CK 22.4-3.3	22600	340	440	540	650	16	100, 1000x1, 500x5, 1000x1, 500x3	1,827	B40

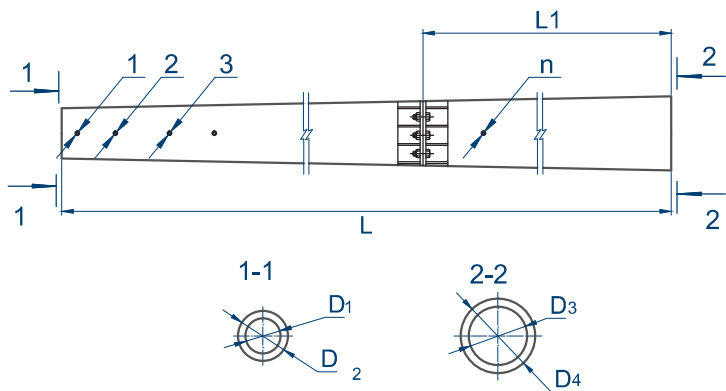
Cone shaped, reinforced concrete supports, pre-stressed, manufactured using centrifuge method for 35-750 kV overhead power transmission towers. CK22 supports are manufactured and delivered in a set with П 2 footstep pillow. This type of support is recommended for use in corrosive environments.



GOST 22687-85, 1304™, 13247™, 3.407.1-152, 3.407.1-167, 3.407.1-175

№	Product Name	Dimensions, mm					n , pcs.	Distance from the top, mm	Amount of concrete,	Concrete Grade
		L	D1	D2	D3	D4				
1	CK 26. 1-1.3	26000	300	410	500	650	12	200, 1000x6, 500x2, 1000x2, 10300	2,517	B40
2	CK 26. 1-2.3	26000	300	410	500	650	7	200, 1000 2000x2, 1500x2, 11300	2,517	B40
3	CK 26. 1-3.3	26000	300	410	500	650	8	200, 1000, 2000, 500x2, 1000x3	2,517	B40
4	CK 26. 1-6.3	26000	300	410	500	650	12	200, 1000x6, 500x2, 1000x2, 10300	2,517	B40
5	CK 26. 2-1.3	26000	280	410	504	650	7	200, 1000x2, 1500x2, 1000x2	2,517	B40
6	CK 26. 3-2.3	26000	310	410	520	650	7	200, 1000, 4x500, 2000, 1000, 4x500	2,167	B40

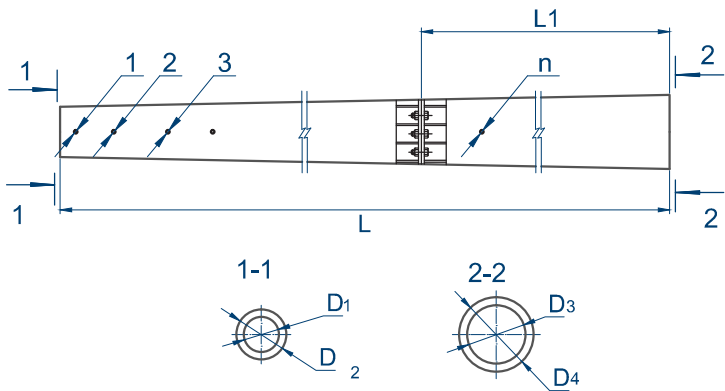
Cone shaped, reinforced concrete supports, pre-stressed, manufactured using centrifuge method for 35- 750 kV overhead power transmission towers. CK26 supports are manufactured and delivered in a set with П 2 footstep pillow. This type of support is recommended for use in the corrosive environments.



CT TOO 39065464-032-2010

№	Product Name	Dimensions, mm						n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	L1	D1	D2	D3	D4				
1	CK 16. 1-1.3c6	16400	8200	300	410	450	560	8	100, 1000x7	1,447	B40
2	CK 16. 1-3.3c6	16400	8200	300	410	450	560	8	100, 1000x7	1,447	B40

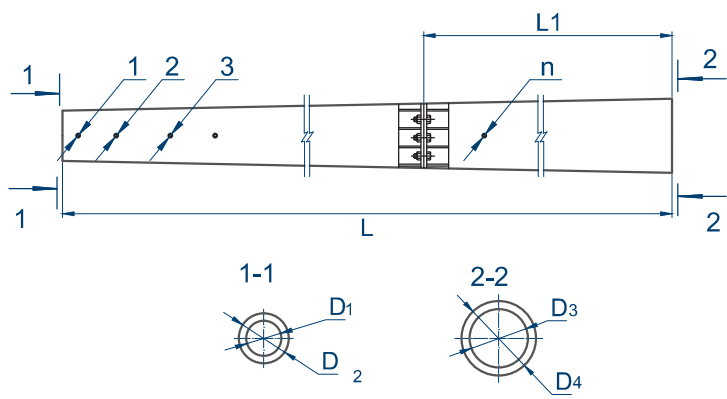
Cone shaped, reinforced concrete supports, pre-stressed, made from spun concrete for 35 kV overhead power transmission towers. Supports are designed for use in difficult access areas. A support is divided into two parts which are connected with a metal flange. Flange connections are robust similar to a one piece product. Built-up, made from spun concrete, reinforced concrete supports meet all the requirements applicable to one-piece support specified in state regulatory documentation. To avoid corrosion, all non-concrete metal parts are covered with anti-corrosive paint using hot or cold dip technology. Standard sets of built-up supports include base sections, П 1 footstep pillow, as well as metalware to assemble a whole unit.



CT TOO 39065464-032-2010

№	Product Name	Dimensions, mm						n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	L1	D1	D2	D3	D4				
1	CK 22.1-1.3c6	22600	11300	330	440	540	650	10	100, 1000x9	2,047	B40
2	CK 22.1-2.3c6	22600	11300	330	440	540	650	8	100, 1000x7	2.045	B40
3	CK 22.1-3.3c6	22600	11300	330	440	540	650	10	100, 1000x9	2,047	B40
4	CK 22.2-1.3c6	22600	11300	310	440	490	650	9	300, 1000x6 2000x4	2,447	B40
5	CK 22.3-1.3c6	22600	11300	310	440	510	650	6	200, 2500 2000x4	2,317	B40
6	CK 22.3-2.3c6	22600	11300	310	440	510	650	8	200, 1500x1, 1000x1, 2000x1, 1000x2, 2000x2	2,317	B40
7	CK 22.4-1.3c6	22600	11300	340	440	540	650	11	100, 1000x2 500x6, 1000x2	1,827	B40
8	CK 22.4-2.3c6	22600	11300	340	440	540	650	18	100, 500x17	1,957	B40
9	CK 22.4-3.3c6	22600	11300	340	440	540	650	16	100, 1000x1, 500x5, 1000x1, 500x3	1,957	B40

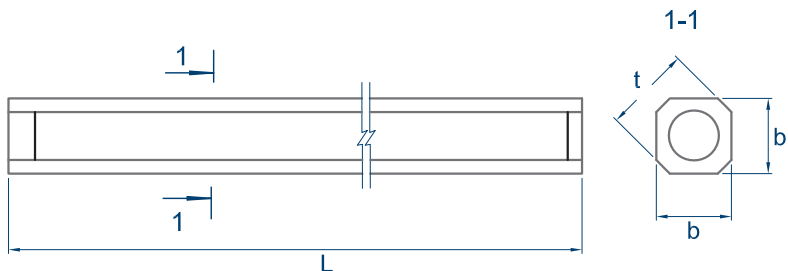
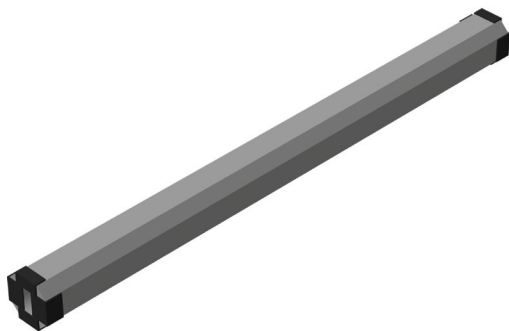
Cone shaped, reinforced concrete supports, pre-stressed, made from spun concrete for 35-750 kV overhead power transmission towers. Supports are designed for use in difficult access areas. A support is divided into two parts which are connected with a metal flange. Flange connections are robust similar to a one piece product. Built-up, made from spun concrete, reinforced concrete supports meet all the requirements applicable to one-piece support specified in state regulatory documentation. To avoid corrosion, all non-concrete metal parts are covered with anti-corrosive paint using hot or cold dip technology. Standard sets of built-up supports include base sections, П 2 footstep pillow, as well as metalware to assemble a whole unit.



CT TOO 39065464-032-2010

№	Product Name	Dimensions, mm						n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	L1	D1	D2	D3	D4				
1	CK 26. 1-1.3c6	26000	13000	300	410	500	650	12	200, 1000x6, 500x2, 1000x2, 10300	2,647	B40
2	CK 26. 1-2.3c6	26000	13000	300	410	500	650	7	200, 1000	2,647	B40
3	CK 26. 1-3.3c6	26000	13000	300	410	500	650	8	200, 1000, 2000, 500x2, 1000x3	2,647	B40
4	CK 26. 1-6.3c6	26000	13000	300	410	500	650	12	200, 1000x6, 500x2, 1000x2, 10300	2,647	B40
5	CK 26. 2-1.3c6	26000	13000	280	410	504	650	7	200, 1000x2, 1500x2, 1000x2	2,647	B40
6	CK 26. 3-2.3c6	26000	13000	310	410	520	650	7	200, 1000, 4x500, 2000, 1000, 4x500	2,297	B40

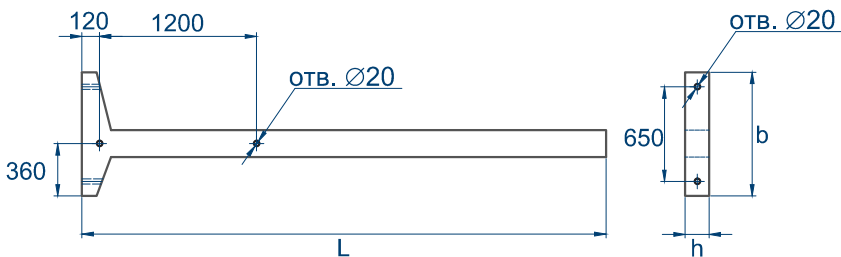
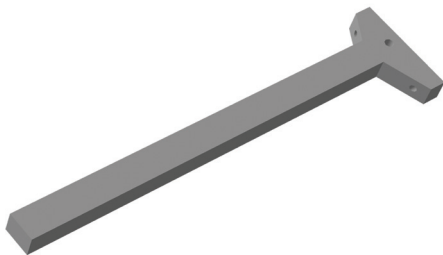
Cone shaped, reinforced concrete supports, pre-stressed, made from spun concrete for 35-750 kV overhead power transmission towers. Supports are designed for use in difficult access areas. A support is divided into two parts which are connected with a metal flange. Flange connections are robust similar to a one piece product. Built-up, made from spun concrete, reinforced concrete supports meet all the requirements applicable to one-piece support specified in state regulatory documentation. To avoid corrosion, all non-concrete metal parts are covered with anti-corrosive paint using hot or cold dip technology. Standard sets of built-up supports include base sections, П 2 footstep pillow, as well as metalware to assemble a whole unit.



Support Modification, Series 3.407.1-157.1, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m ³	Concrete Grade
		L	b	t		
1	COH 19.8-29 K7	1980	220	241	0,063	B30
2	COH 28-29 K7	2800	220	241	0,090	B30
3	COH 39-29 K7	3900	220	241	0,124	B30
4	COH 44-29 K7	4400	220	241	0,140	B30
5	COH 52-39 K7	5200	220	241	0,160	B30
6	COH 75-39 K7	7500	220	241	0,240	B30

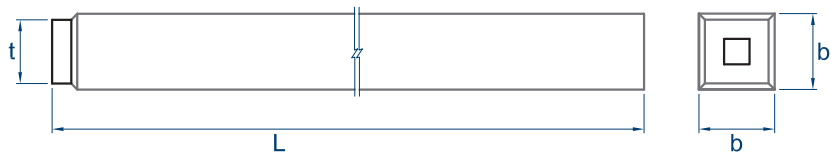
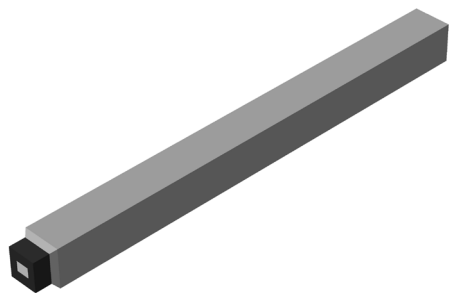
COH supports are used to install electro technical equipment. Manufactured using the centrifuge method. Equivalent of COH supports are YCO type products.



ТП 407-3-272 «Kazstroenergo», GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m ³	Concrete Grade
		b	L	h		
1	КТП 160	850	3600	165	0,130	B22,5

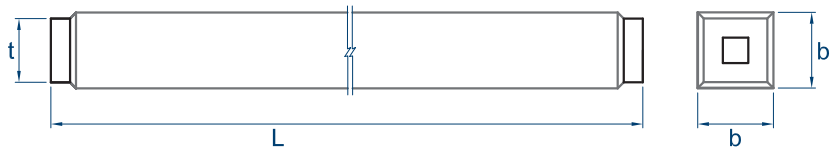
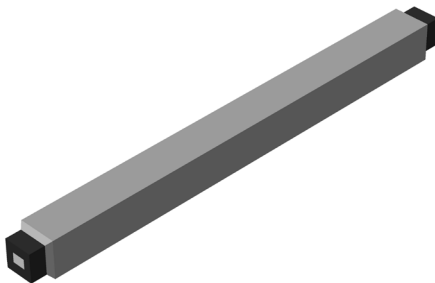
Used to install outdoor equipment for package transformer substations and package distribution devices.



Standard Series 3.407-102, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	t		
1	YCO-1A	5200	250	210	0,320	B15
2	YCO-2A	4400	250	210	0,270	B15
3	YCO-3A	3600	250	210	0,220	B15
4	YCO-4A	3000	250	210	0,190	B15
5	YCO-5A	2200	250	210	0,140	B15

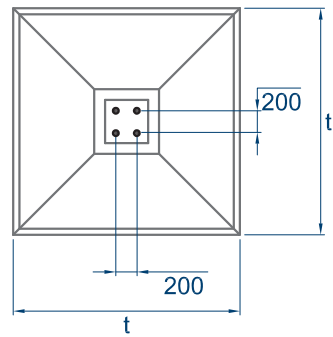
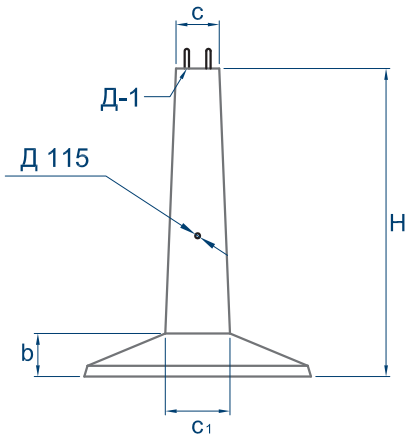
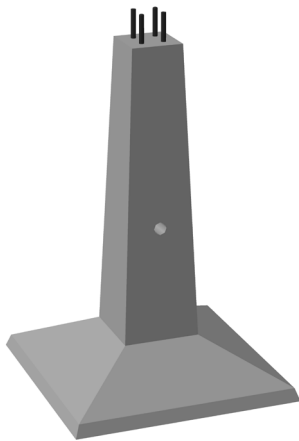
Used to install out-door equipment for package transformer substations and package distribution devices. Equipment supports Type YCO and can be up to 8,000mm long.



Standard Series 3.407-102, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	t		
1	YCO-5a-1	2200	250	210	0,140	B15

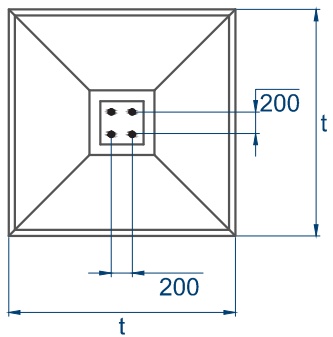
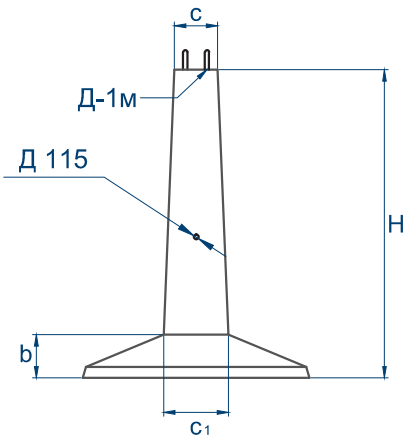
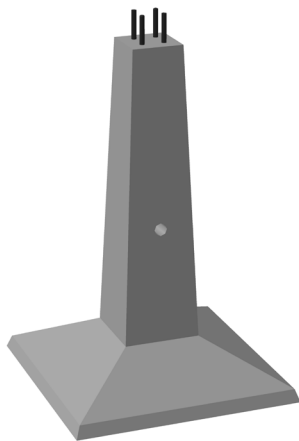
Used to install out-door equipment for package transformer substations and package distribution devices. Equipment supports Type YCO and can be up to 8,000mm long.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ1-A	3200	400	400	450	1500	1,000	B30
2	Φ2-A	3200	400	400	450	1800	1,200	B30

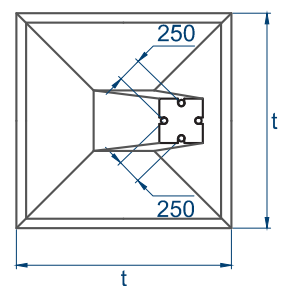
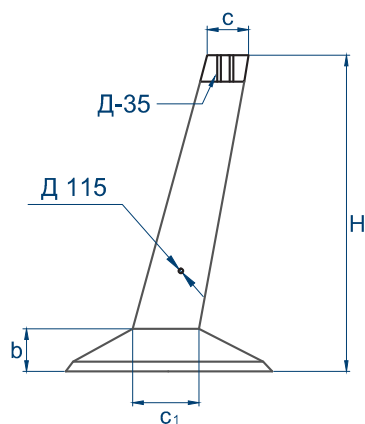
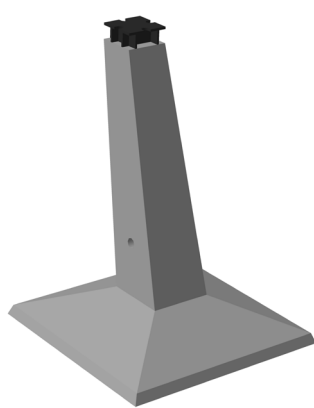
Reinforced concrete foundation for standard anchor-and-angle and intermediate supports (35-330 kV overhead power transmission towers). They have a support cap with 4 pins each of which is 36 mm in diameter. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes eight M36 nuts and four washers.



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ1A-P	3200	400	400	450	1500	1,000	B25
2	Φ2A-P	3200	400	400	450	1800	1,200	B25

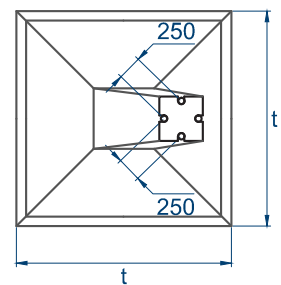
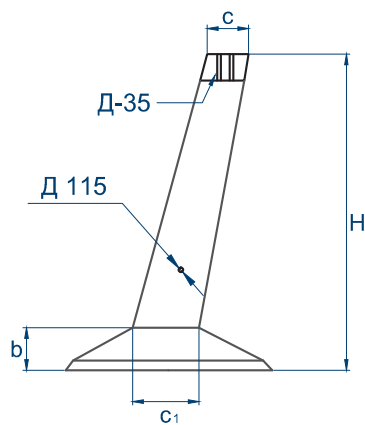
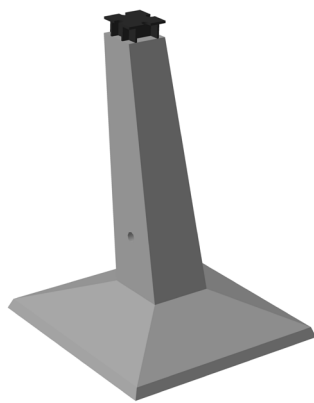
Reinforced concrete foundation for standard anchor-and-angle and intermediate supports (35-330 kV overhead power transmission towers). They have a support cap with 4 pins each of which is 36 mm in diameter. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes eight M36 nuts and four washers.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ3-Ам	3115	400	408	600	2100	1,700	B30

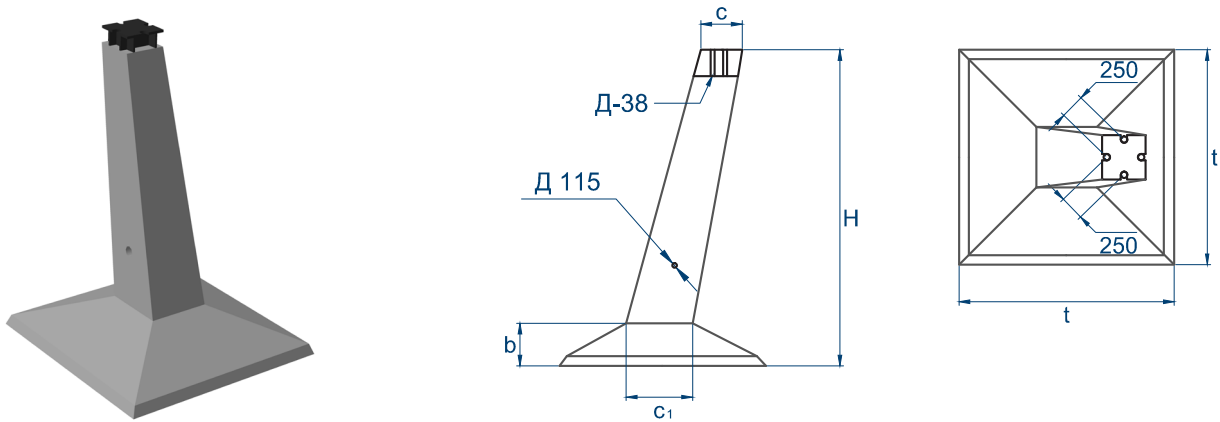
Reinforced concrete foundation for standard metal anchor-and-angle supports (35-330 kV overhead power transmission towers). A standard delivery set includes four M42 bolts, eight M42 nuts, four washers and adjustment plate.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ5-Ам	3115	450	408	600	2700	2,500	B30

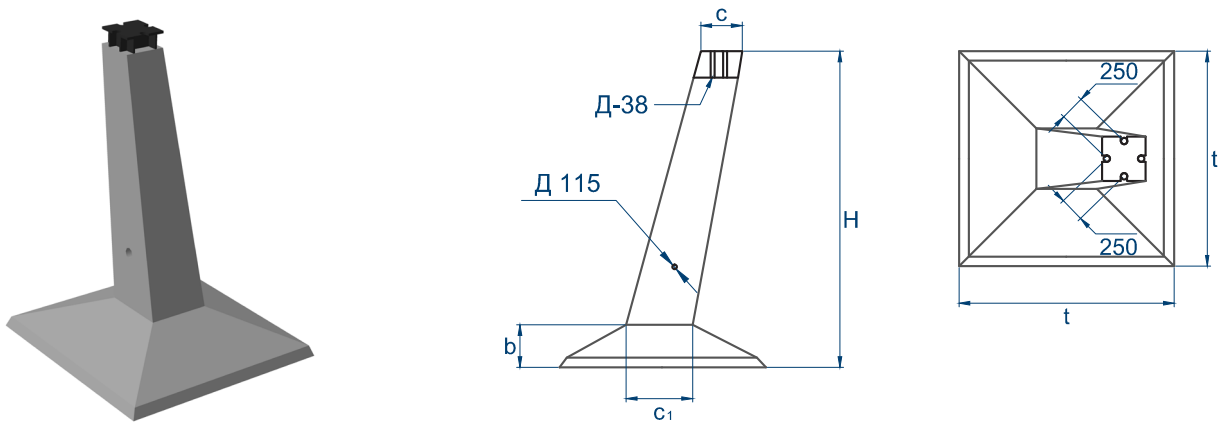
Reinforced concrete foundation for standard metal anchor-and-angle supports (35-330 kV overhead power transmission towers). A standard delivery set includes four M42 bolts, eight M42 nuts, four washers and adjustment plate.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ3-A5M	3115	400	404	600	2100	1,800	B30

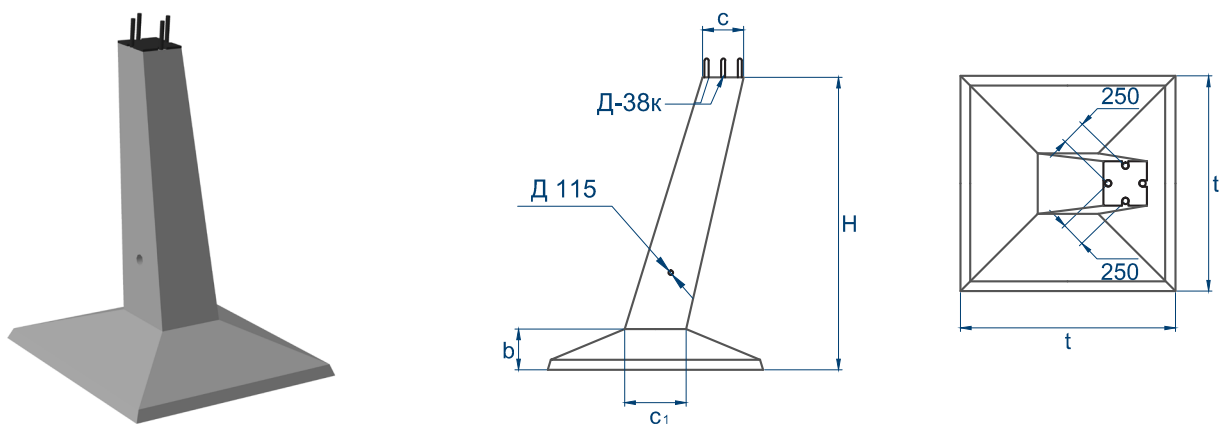
Reinforced concrete foundation for standard metal anchor-and-angle supports (500 kV overhead power transmission towers). They have a support cap with 3 embedded pins and one M36 adjustment bolt that is installed in the pocket of an embedded product. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes four M42 bolts, eight M42 nuts, four washers and an adjustment plate.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ5-A5M	3115	450	404	600	2700	2,500	B30

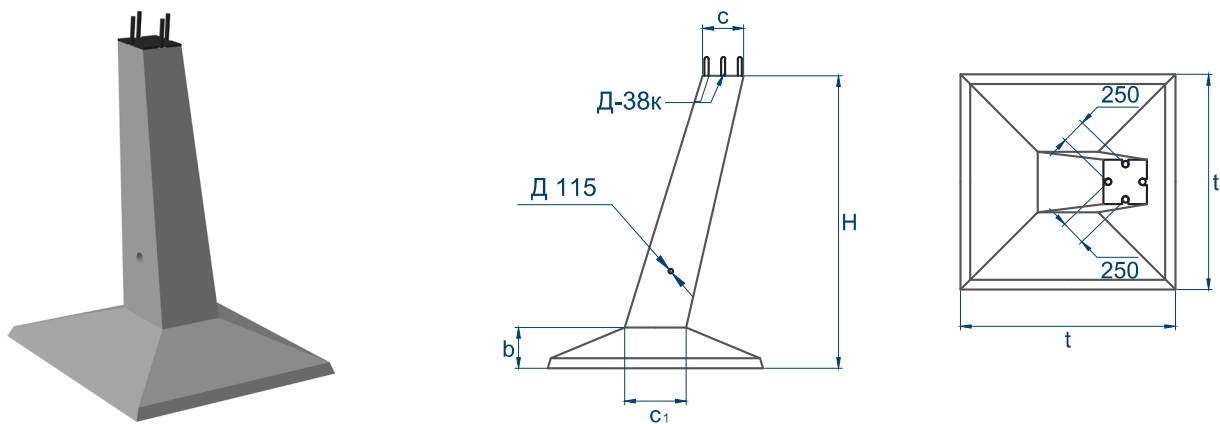
Reinforced concrete foundation for standard metal anchor-and-angle supports (500 kV overhead power transmission towers). They have a support cap with 3 embedded pins and one M36 adjustment bolt that is installed in the pocket of an embedded product. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes four M42 bolts, eight M42 nuts, four washers and an adjustment plate.



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ3-AM-P	3115	400	408	600	2100	1,700	B25

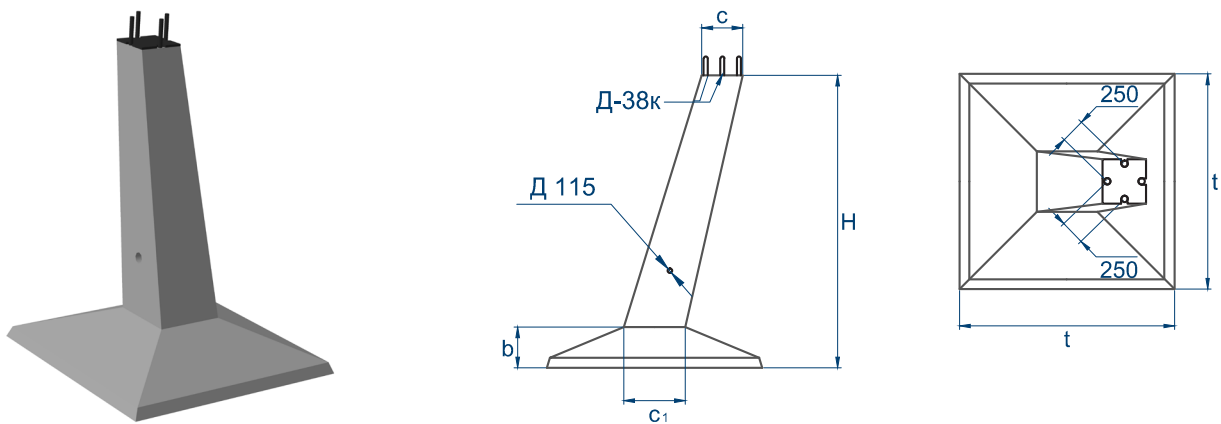
Reinforced concrete foundation for standard metal anchor-and-angle supports (35-330 kV overhead power transmission towers). They have a support cap with 3 embedded pins and one M36 adjustment bolt that is installed in the pocket of an embedded product. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes eight M36 nuts and four washers.



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ3-A5M-P	3115	400	404	600	2100	1,800	B25

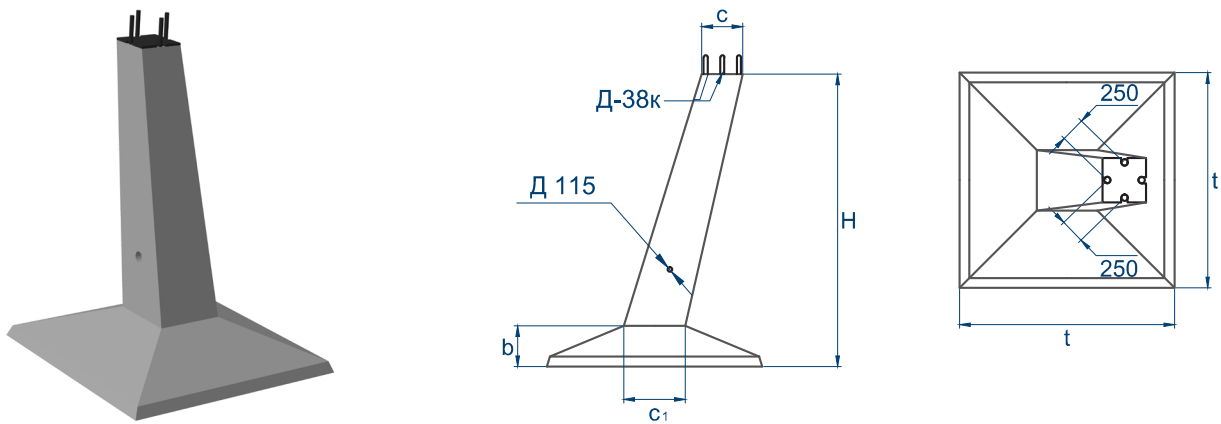
Reinforced concrete foundation for standard metal anchor-and-angle supports (500 kV overhead power transmission towers). They have a support cap with 3 embedded pins and one M36 adjustment bolt that is installed in the pocket of an embedded product. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes eight M36 nuts and four washers.



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ5-AM-P	3115	450	408	600	2700	2,500	B25

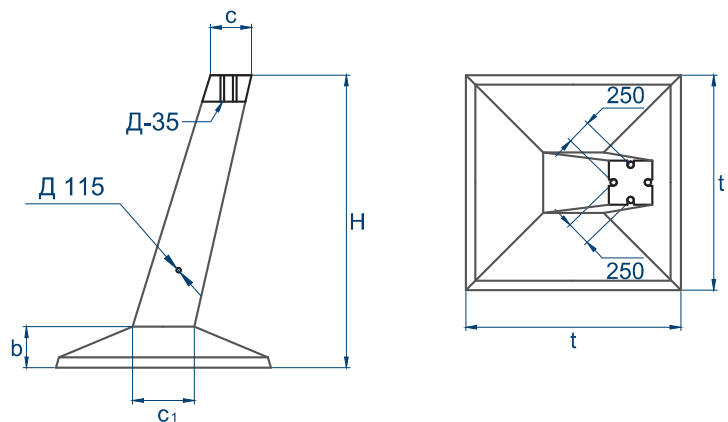
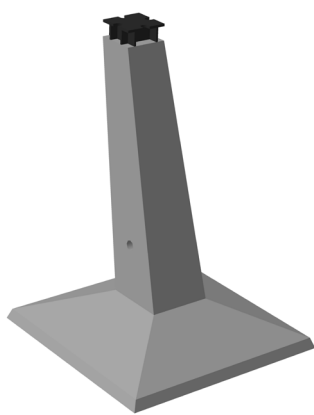
Reinforced concrete foundation for standard metal anchor-and-angle supports (35-330 kV overhead power transmission towers). They have a support cap with 3 embedded pins and one M36 adjustment bolt that is installed in the pocket of an embedded product. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes eight M36 nuts and four washers



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ5-A5M-P	3115	450	400	600	2700	2,500	B25

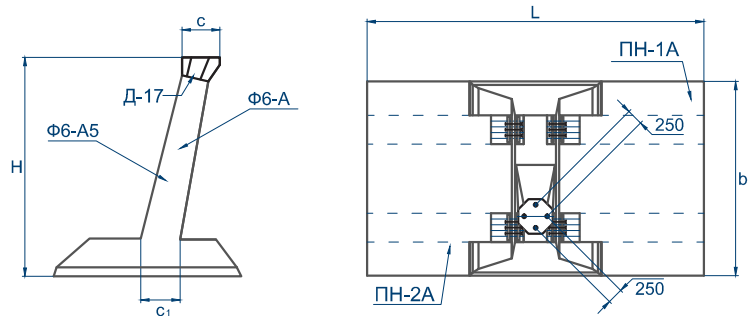
Reinforced concrete foundation for standard metal anchor-and-angle supports (500 kV overhead power transmission towers). They have a support cap with 3 embedded pins and one M36 adjustment bolt that is installed in the pocket of an embedded product. The cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes eight M36 nuts and four washers



Standard Series 3.407-115, GOST13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	ФП5-Ам	5115	450	408	600	2700	3,000	B30

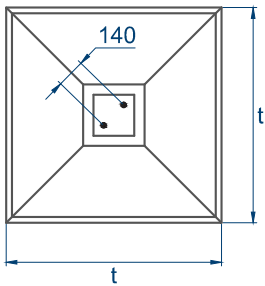
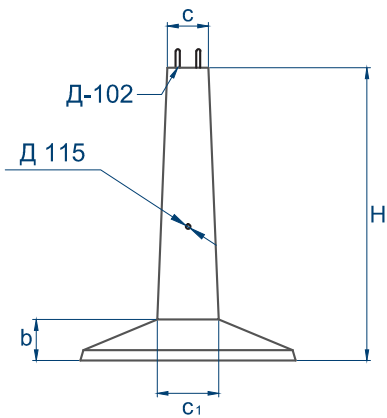
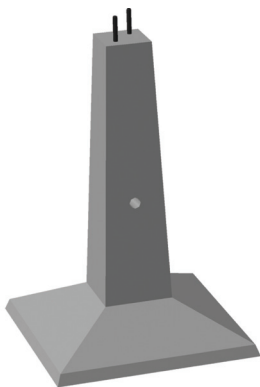
Reinforced concrete foundation for standard metal anchor-and-angle supports (35-330 kV overhead power transmission towers). They have a support cap and the cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes four M42 bolts, eight M42 nuts, four washers and an adjustment plate.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name		Dimensions, mm					Amount of concrete, m³	Concrete Grade
			H	c	c1	b	L		
1	ФC1-А	Ф6-А ПН1-А	3400	400	700	3000	4200	4,220	B30
2	ФC1-А5Н	Ф6-А5 ПН1-А	3400	400	700	3000	4200	4,220	B30
3	ФC2-А	Ф6-А ПН2-А	3400	400	700	3000	5200	4,620	B30
4	ФC2-А5Н	Ф6-А5 ПН2-А	3400	400	700	3000	5200	4,620	B30

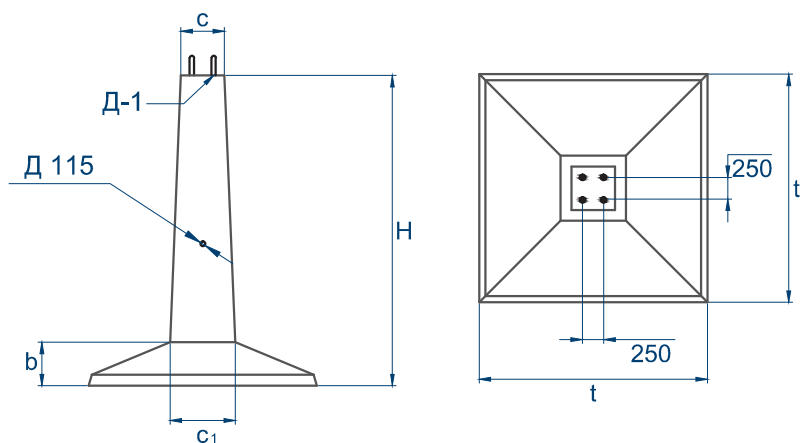
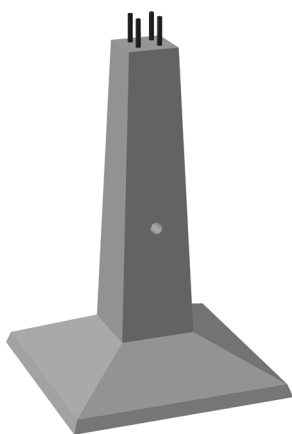
Built-up reinforced concrete foundation for standard metal anchor-and-angle and intermediate supports (ФC1-А, ФC2-А 35-330kV; ФC1-А5Н, ФC2-А5Н - 500kV overhead power transmission towers). They have a support cap with 4 pins and the cap construction is designed to lay a support foot on it horizontally. A foundation set consists of a support stub, two attached plates and fasteners set to assemble the product.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ1-2	2700	300	320	370	1200	0,590	B30
2	Φ2-2	2700	400	400	450	1500	0,960	B30
3	Φ3-2	2700	400	400	450	1800	1,170	B30
4	Φ4-2	2700	400	400	450	2100	1,360	B30
5	Φ5-2	3200	400	400	450	2400	1,790	B30
6	ΦП6-2	5000	450	400	500	2700	2,690	B30

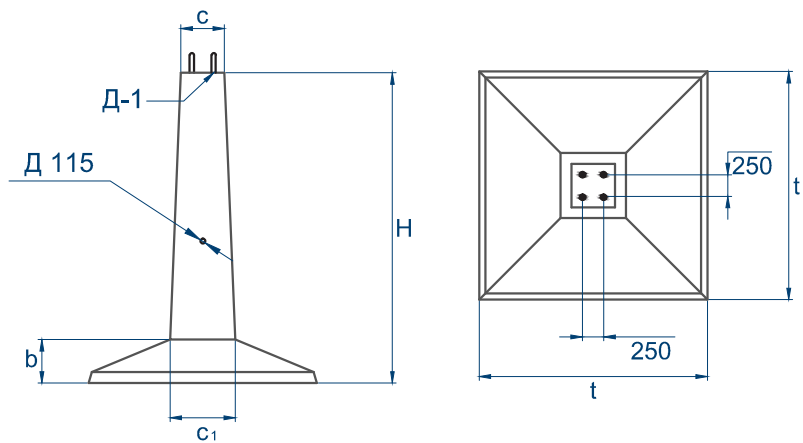
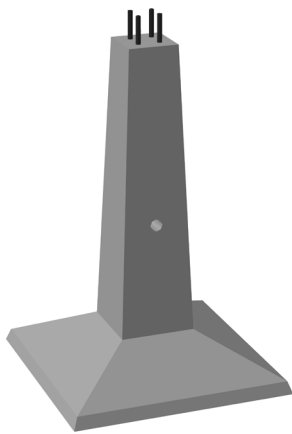
Reinforced concrete foundation for standard metal intermediate supports (35-330 kV overhead power transmission towers). They have a support cap with two M42 pins and the cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes four nuts and two washers.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ4-4	2700	400	400	450	2100	1,360	B30
2	Φ5-4	3200	400	400	450	2400	1,790	B30
3	Φ6-4	3200	450	400	450	2700	2,240	B30
4	ΦП6-4	5000	450	400	500	2700	6,690	B30

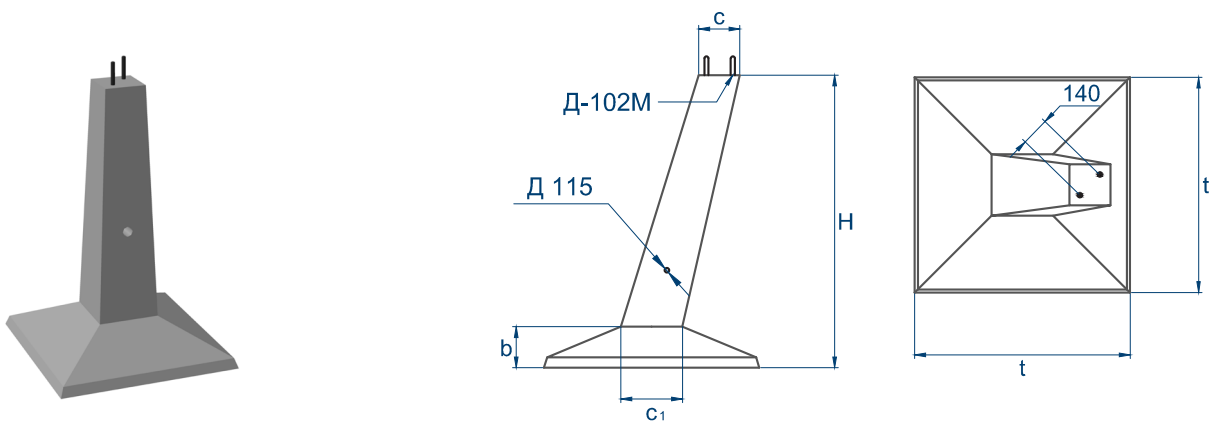
Reinforced concrete foundation for standard metal intermediate supports (35-330 kV overhead power transmission towers). They have a support cap with four M36 pins and the cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes 8 nuts and 4 washers.



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ4-4-P	2700	400	400	450	2100	1,360	B25
2	Φ5-4-P	3200	400	400	450	2400	1,790	B25
3	Φ6-4-P	3200	450	400	450	2700	2,240	B25
4	ΦП6-4-P	5000	450	400	500	2700	6,690	B25

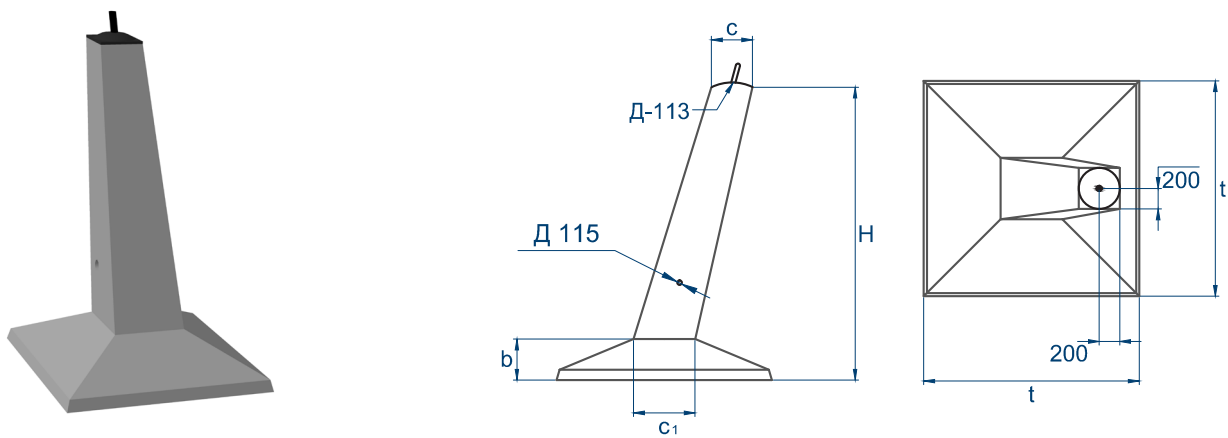
Reinforced concrete foundation for standard metal intermediate supports (35-330 kV overhead power transmission towers). They have a support cap with four M36 pins and the cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes 8 nuts and 4 washers.



Renovation of Sevzapenergosetproect’s Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ4-2-P	2700	400	400	450	2100	1,360	B25
2	Φ5-2-P	3200	400	400	450	2400	1,790	B25
3	Φ6-2-P	3200	450	400	450	2700	2,500	B25

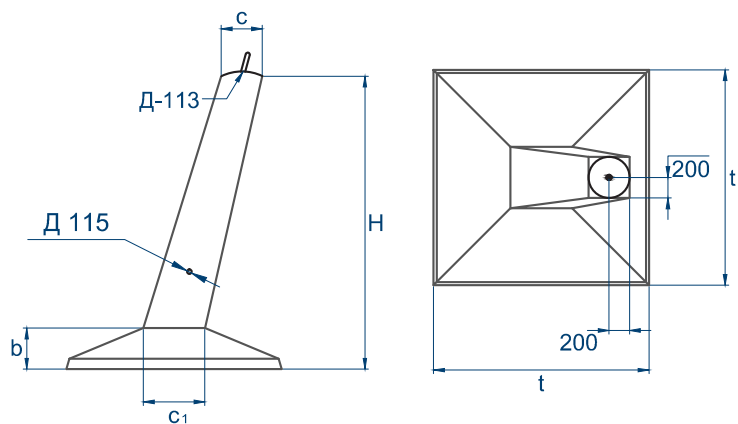
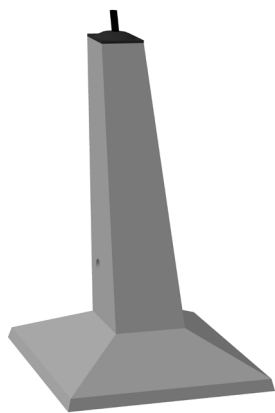
Reinforced concrete foundation for standard metal intermediate supports (35-330 kV overhead power transmission towers). They have a support cap with two M42 pins and the cap construction is designed to lay a support foot on it horizontally. A standard delivery set includes four M42 nuts and 2 washers.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ2-05	2700	400	400	450	1500	0,950	B22,5
2	Φ3-05	2700	400	400	450	1800	1,170	B22,5
3	Φ4-05	2700	400	400	450	2000	1,330	B22,5
4	ΦK2-05	1700	400	422	450	1500	0,790	B22,5
5	ΦK4-05	1700	400	422	450	2000	1,160	B22,5

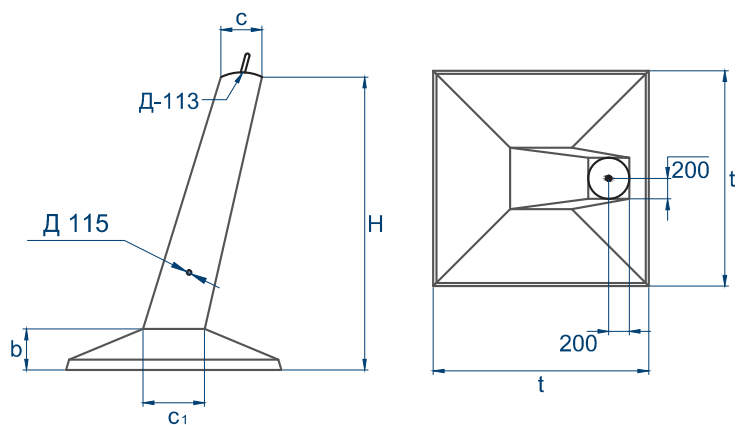
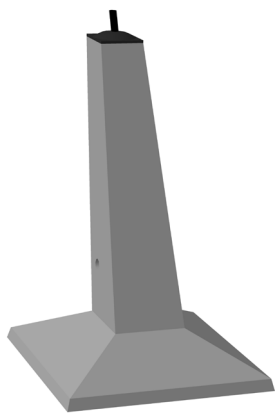
Reinforced concrete foundation for intermediate and intermediate-and-angle supports. Each foundation has a sloping leg, which is in line with the support belt, and it has a globe shaped, pressed tip with a stud.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ4-1/5	2700	400	400	600	2000	1,380	B25

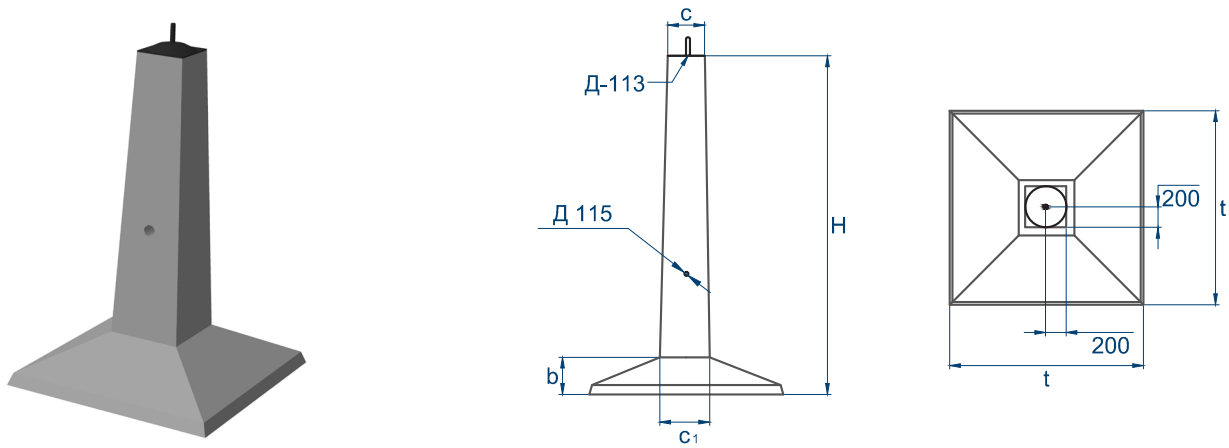
Reinforced concrete foundation for intermediate and intermediate-and-angle supports. Each foundation has a sloping leg, which is in line with the support belt, and it has a globe shaped, pressed tip with a stud.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	ΦK4-1/5	1700	400	440	600	2000	1,180	B25

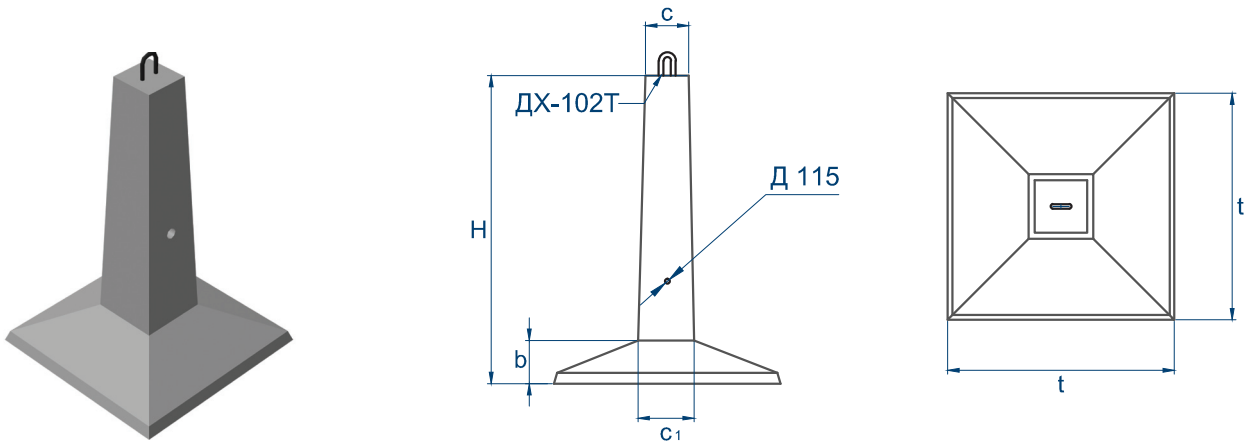
Reinforced concrete foundation for intermediate and intermediate-and-angle supports. Each foundation has a sloping leg, which is in line with the support belt, and it has a globe shaped, pressed tip with a stud.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ2-0	2700	400	400	450	1500	0,960	B22,5
2	Φ3-0	2700	400	400	450	1800	1,170	B22,5

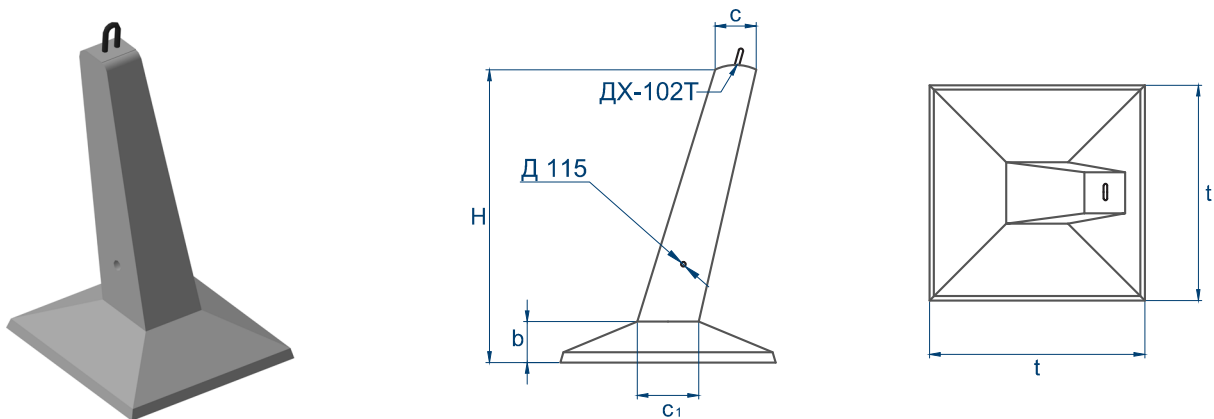
Reinforced concrete foundation for intermediate and intermediate-and-angle supports. Each foundation has a straight leg, which is in line with the support belt, and it has a globe shaped, pressed tip with a stud.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	AΦ2-A	3200	400	400	450	2700	1,200	B30
2	AΦ-4	2700	400	400	450	2100	1,360	B30
3	AΦ-5	3200	400	400	450	2400	1,790	B30
4	AΦ6-A	3200	450	400	450	2700	2,500	B30

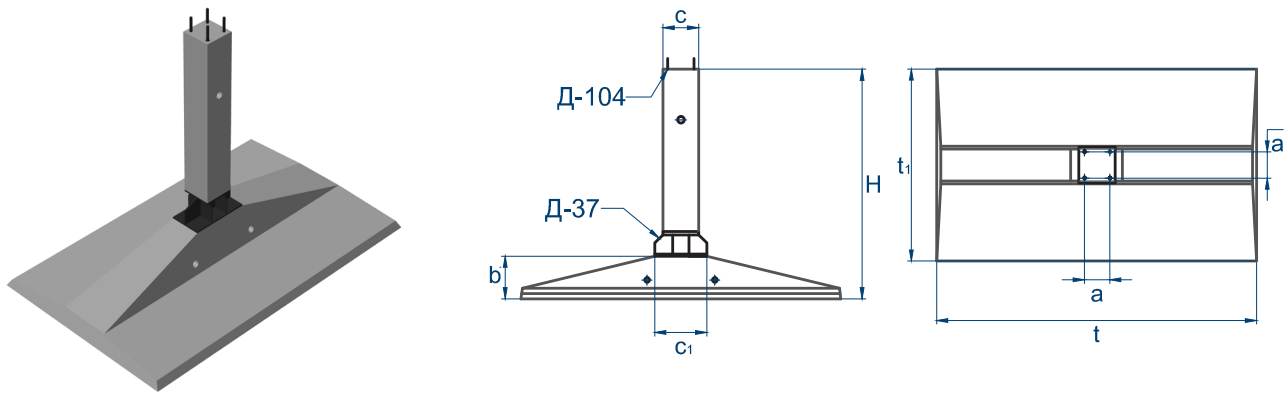
Mushroom shaped anchor foundation for guy towers (up to 500kV overhead power transmission lines). A loop joint is designed for guy installation in the top part of the foundation.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Ф3-Ам-0	3055	400	400	600	2100	1,700	B30

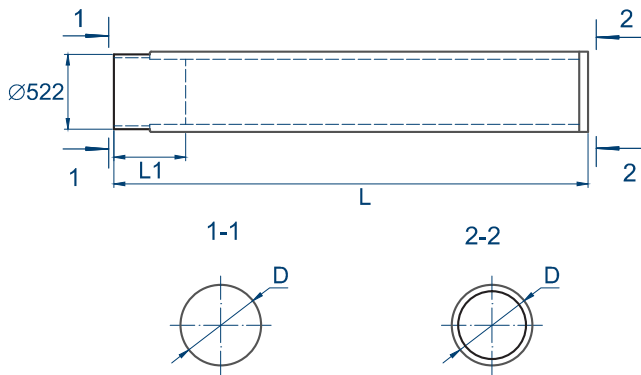
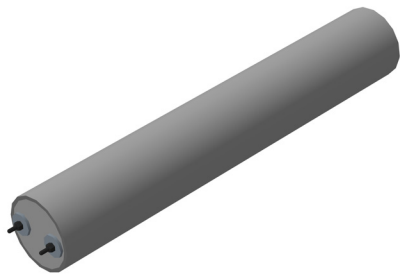
Mushroom shaped anchor foundation for guy towers (up to 500kV overhead power transmission lines). A loop joint is designed for guy installation in the top part of the foundation.



GOST 13015-2003

№	Product Name	Dimensions, mm							Amount of concrete, m³	Concrete Grade
		H	c	c1	a	b	t	t1		
1	ФСБ2-4	3200	400	750	250	600	4500	2700	2,940	B30
2	ФСБ2-4А	3200	500	750	370	600	4500	2700	3,150	B30
3	ФСБ2-4-Т	3200	650	800	370	600	4380	2700	3,470	B30
4	ФПС6-6	3200	400	750	250	600	4380	2730	2,940	B30

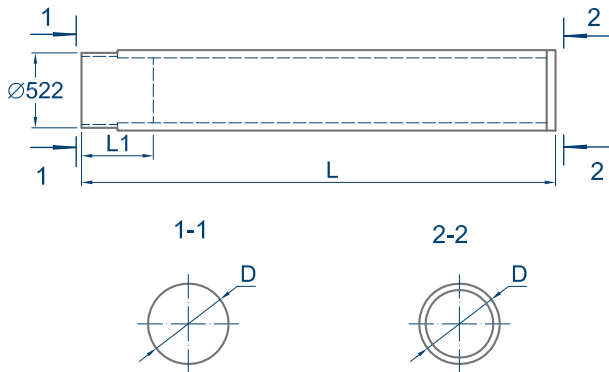
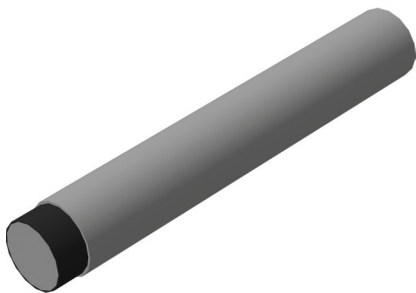
Built-up, reinforced concrete foundation for standard antenna and mast supports. It has a head with 4 studs. A stud diameter is 42 mm, and the structure is designed to place the support foot on it horizontally. The body of the foundation is connected to the plate using bolts. The product is delivered disassembled with a set of its parts and fasteners.



Standard Series 3.407-102, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	L1	D		
1	ΦЦТ-1	3300	1000	560	0,298	B40

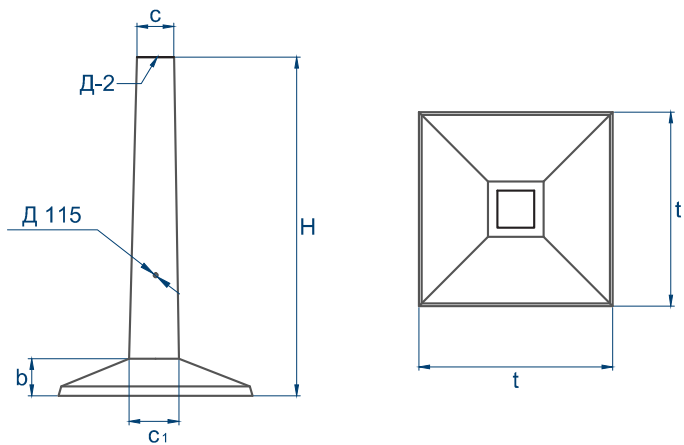
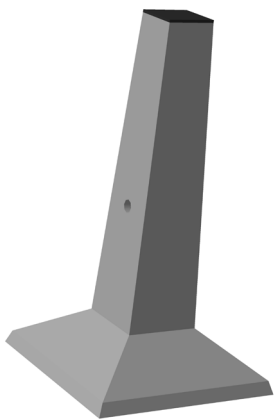
Used to build open distribution devices, and main or optional buildings. The delivery set includes 2 nuts and 3 washers.



Standard Series 3.407-102, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	L1	D		
1	ΦЦТ-2	3500	500	560	0,303	B40

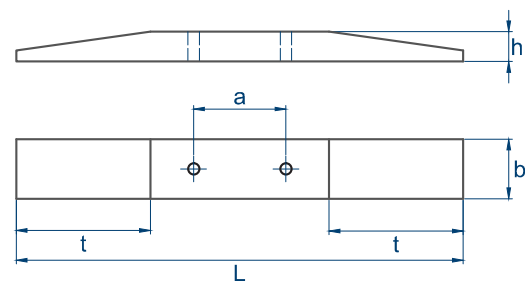
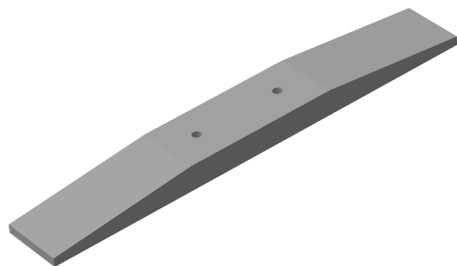
Used to build open distribution devices, and main or optional buildings.



Standard Series 3.407.1-157, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		H	b	c	c1	t		
1	Φ15-15	3200	400	400	450	1500	1,180	B30
2	Φ18-18	3200	400	400	450	1800	1,200	B30

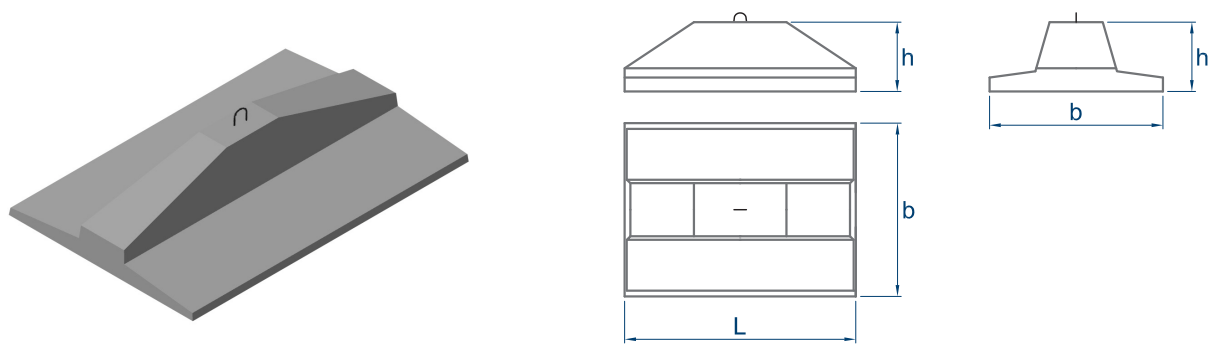
Reinforced concrete foundation used to install equipment for package transformer substations and package distribution devices to be installed outdoors.



Renovation of Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		L	b	t	a	h		
1	P1A	3000	400	900	620	200	0,200	B22,5
2	P1A-P	3000	400	900	620	200	0,200	B25
3	AP5	3000	400	900	620	200	0,200	B22,5
4	AP5-P	3000	400	900	620	200	0,200	B25
5	AP6	3500	500	1150	700	200	0,280	B22,5
6	AP6-P	3500	500	1150	700	200	0,280	B25
7	AP7	2000	300	750	400	200	0,091	B22,5
8	AP7-P	2000	300	750	400	200	0,091	B25

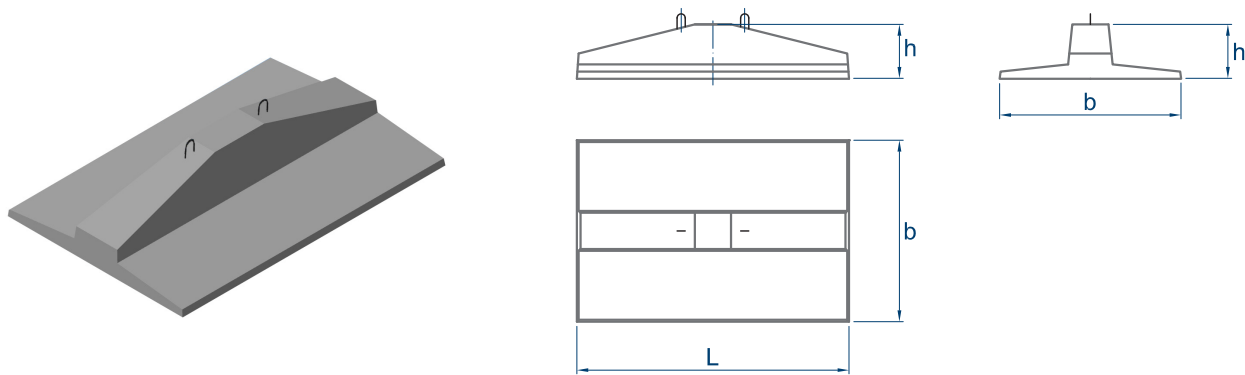
Used to fix 35-500kV supports in place, also used to extend side surface of the foundation and underground part of reinforced concrete supports, Extends bearing capacity of the structure affected by horizontal loads (collapsing forces). Products with P symbol in their name are foundation structures renovated according to Sevzapenergosetproect's 3.407-115 Series.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ПА 1-1	1000	1000	450	0,200	B22,5
2	ПА 1-2	1500	1000	450	0,280	B22,5
3	ПА 2-1	2000	1500	600	0,650	B22,5
4	ПА 2-2	3000	1500	600	0,890	B22,5
5	ПА 3-1	3000	2000	600	1,150	B22,5
6	ПА 3-2	4000	2000	600	1,430	B22,5

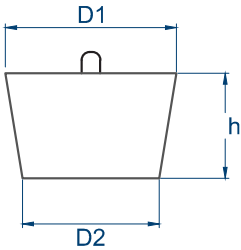
Used to fix in the ground metal and reinforced concrete power transmission supports with guy lines.



Work drawings 7114-25-100, Long-Distance Transmission Division, Moscow, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		b	h	L		
1	ПА 3-1Н	2000	600	3000	1,150	B22,5

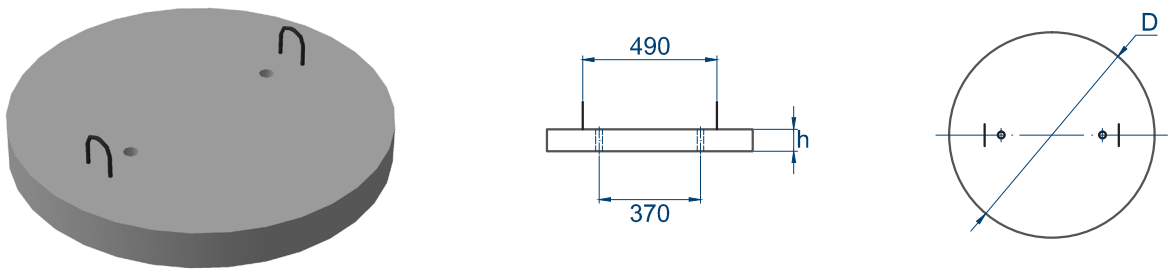
Used to fix in-ground metal and reinforced concrete power transmission supports with guy lines.



Standard Series 3.407.1-143, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		D1	D2	h		
1	АЦ-1	650	580	400	0,120	B15

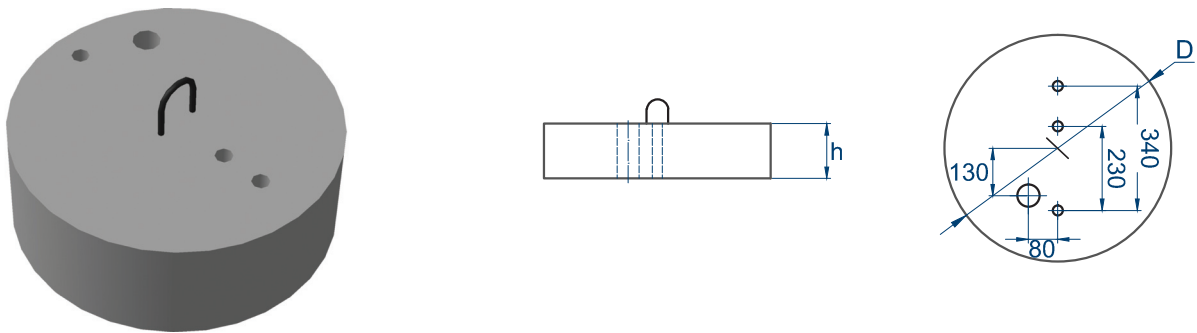
Used as an anchor to install guy lines.



Standard Series N0268-1, GOST 22131-76

№	Product Name	Dimensions, mm		Amount of concrete, m³	Concrete Grade
		D	h		
1	АОП	750	80	0,040	B25

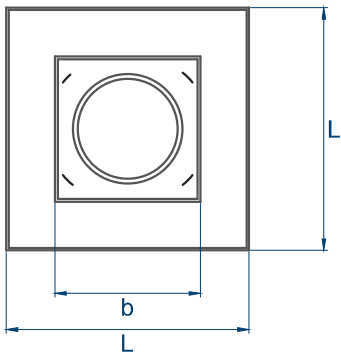
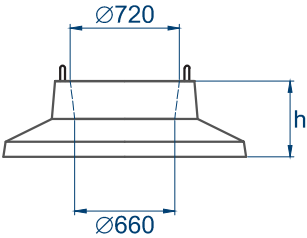
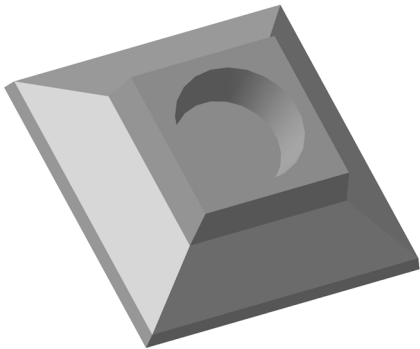
Used to extend supporting area and fix soft in-ground reinforced concrete power transmission supports.



Standard Series 3.407.1-143, GOST 13015-2003

№	Product Name	Dimensions, mm		Amount of concrete, m³	Concrete Grade
		D	h		
1	П-3и	620	150	0,050	B25
2	П-4	420	150	0,020	B25

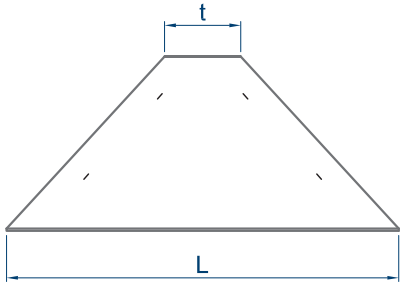
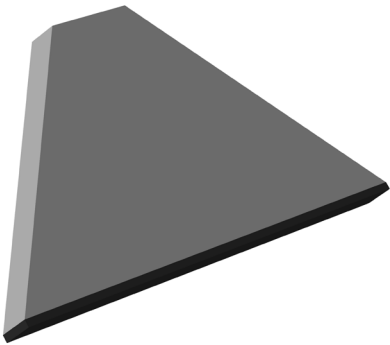
Used to fix in-ground metal and reinforced concrete 6-10 kV power transmission supports.



Standard Series 3.407-115, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ОП-1	1600	920	500	0,620	B22,5

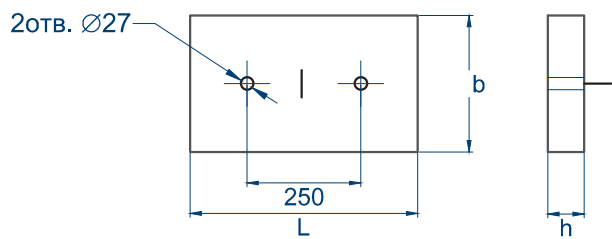
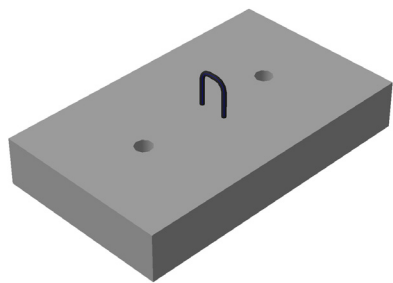
Used to fix in-ground CK and CL stands in case when due to huge pressure loads and soft ground it is necessary to extend bearing capacity of the stand.



Renovation of Foundation Structures according to 3.407-115 Series, GOST 13015-2003

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	b	h	t		
1	ПЗ-Р	3600	200	1600	700	0,700	B15

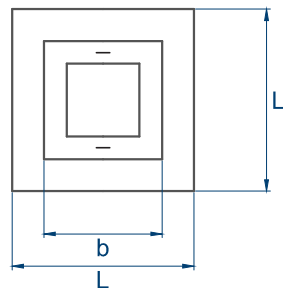
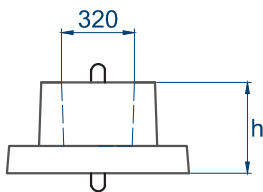
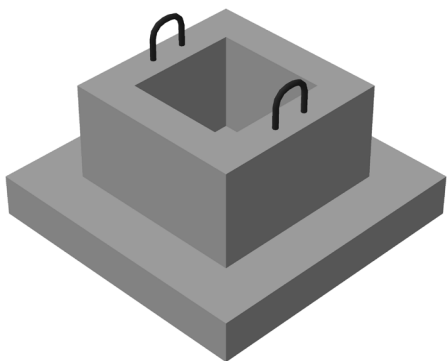
Reinforced concrete ballast slab used to increase bearing capacity of the foundation affected by horizontal loads (collapsing forces). Due to the regulatory information ПЗ-Р slabs are complete equivalents of the ПЗ slab.



КЖ.И-РХ-1 Electrosetproekt, Almaty, 2005, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	PX-1	500	300	80	0,012	B25

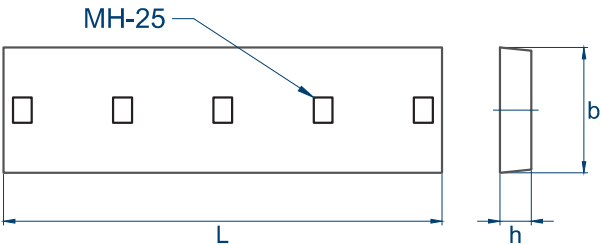
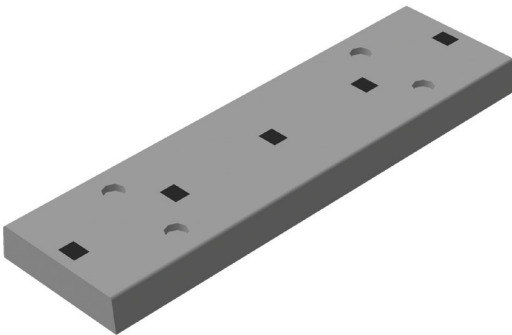
Designed to be used as a cross-bar to construct 10 kV overhead power transmission lines.



Standard Series 3.407-102, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	УБ-1	800	520	400	0,120	B15

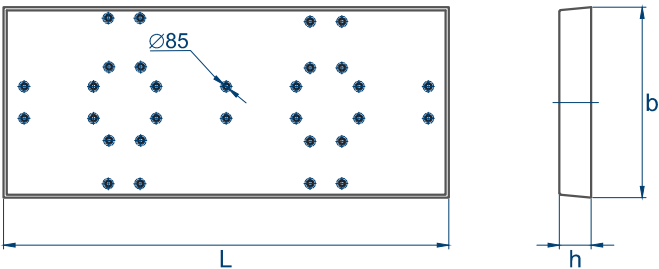
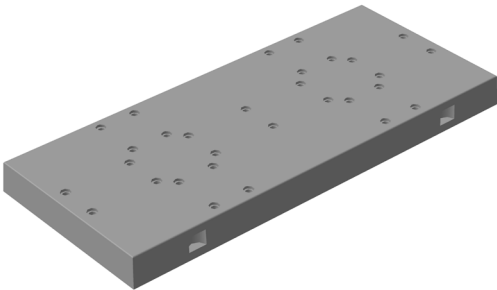
Used with standard reinforced concrete YCO stands. The УБ- 1 foundation is installed in the ground and functions as the foundation for power stands allowing construction of substations, open distribution devices and structures with optional electro technical equipment in heavy environments, because the surface area of their foot that touches the ground is bigger then the surface of a stand, besides bearing load of stands is evenly distributed on the ground.



Standard Series 3.407-40/70, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	НСП-12А	3500	1000	250	0,880	B22,5
2	НСП-1Б	3500	1000	250	0,878	B22,5

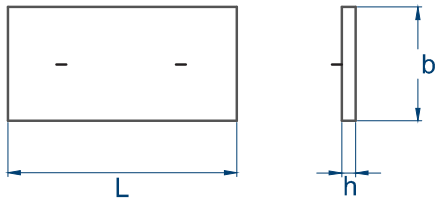
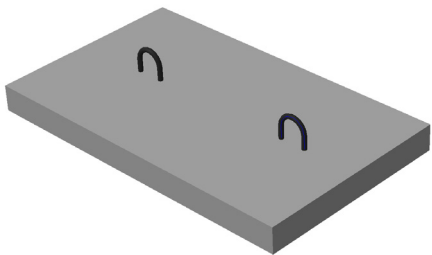
Used to build 35-500kV electric substations, main and additional power distribution devices as well as to lay smaller cable streams.



Standard Series 3.407-102, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	НСП-3	3500	1500	250	1,310	B22,5

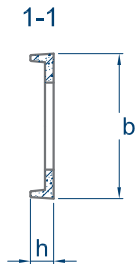
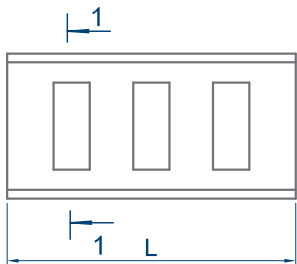
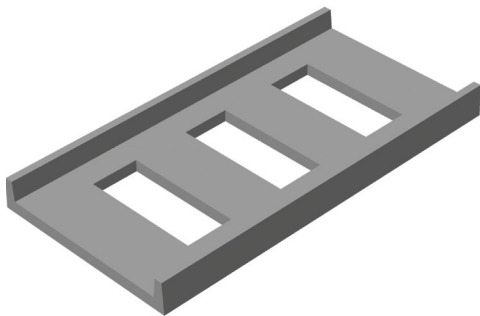
Used to build 35-500kV electric substations, to install transformers, reactors, transformer tracks.



Standard Series 3.407.1-157, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ПН32.9-1	3250	890	100	0,290	B25

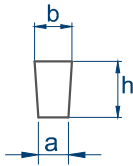
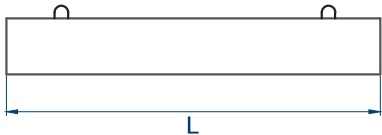
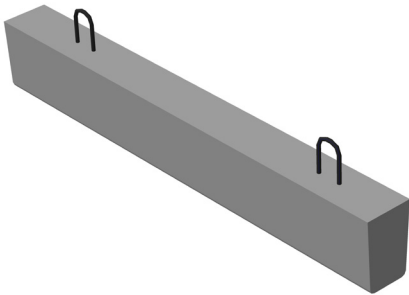
Used to install the equipment of package transformer substations and package distribution devices. It functions as a fencing slab.



Standard Series 3.407.1-157, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	Л 20-10	1990	1000	160	0,110	B15
2	Л 20-5	1990	500	160	0,070	B15

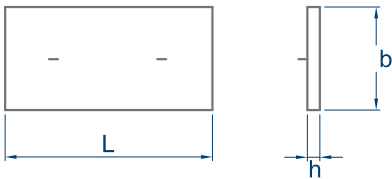
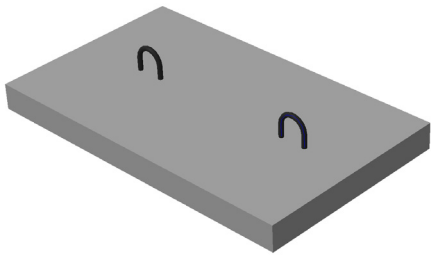
Used to lay smaller cable streams. Used with Б5 and Б10 blocks, and П10.5 slabs.



Renovation according to 3.407.1-157 Series, GOST 13015-2003

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	a	b	h		
1	Б 5	500	105	125	150	0,010	B15
2	Б 10	1000	105	125	150	0,016	B15

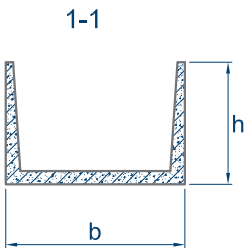
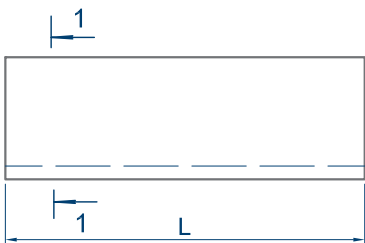
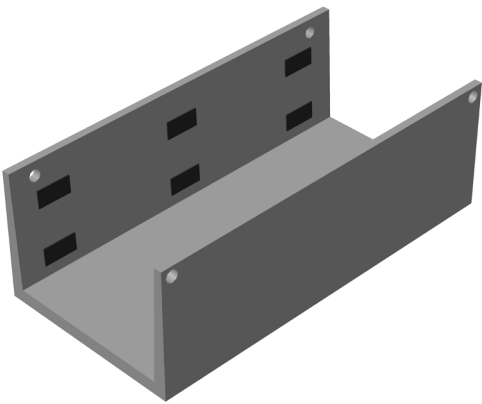
Used to construct 35kV electric substations.



GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	П 10.5	1000	495	60	0,028	B15
2	П 10-д.3	1480	740	70	0,080	B25
3	П 15-8	1500	750	70	0,067	B30

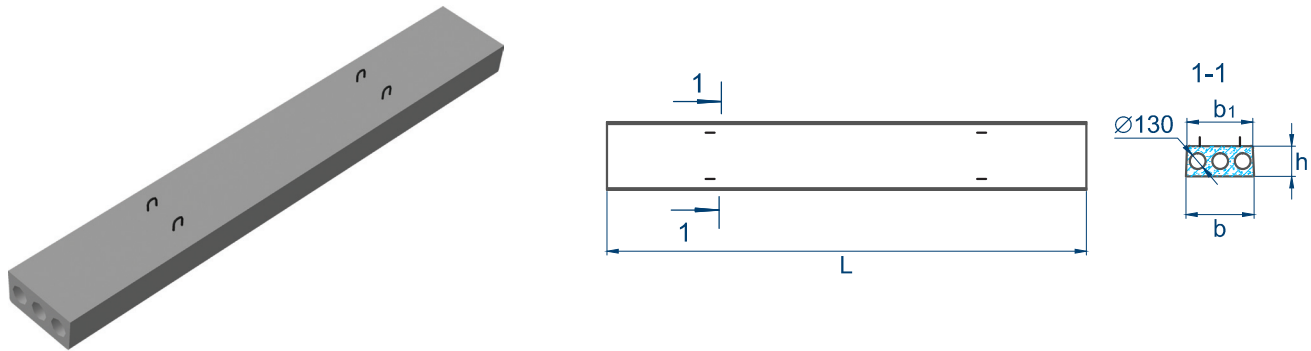
Used to install the equipment of package transformer substations and package distribution devices installed outdoors.



Renovation according to 3.006.1-2.87 TY-1 Series, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	Л 12-3Б	2970	1480	1010	0,960	B25

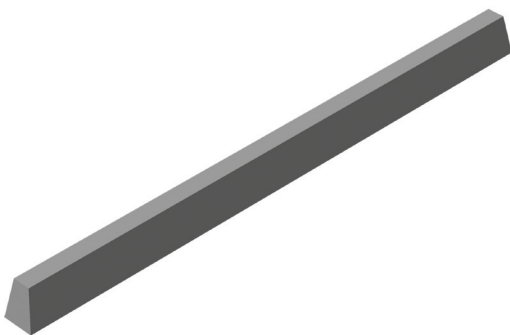
Used to lay smaller cable streams. The П15-8 slab functions as the tray lid.



Standard Series 3.407.1-157, GOST 13015-2003

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	b	b1	h		
1	БДЛ 40-6	3950	560	540	250	0,400	B25

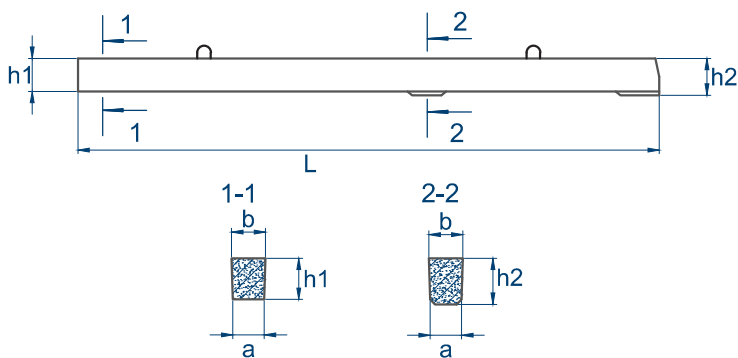
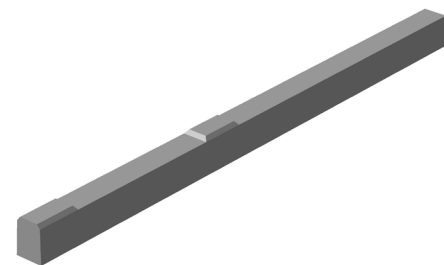
This slab is used to build cable channels passing under highways.



Standard Series 3.407-57/87, CT TOO 991040002361-029-2011

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	a	b	h		
1	ПТ33-2	3250	100	180	220	0,100	B25
2	ПТ33-3	3250	100	180	220	0,100	B25
3	ПТ33-4	3250	100	180	220	0,100	B25
4	ПТ43-1	4250	100	180	220	0,130	B25
5	ПТ43-2	4250	100	180	220	0,130	B25
6	ПТ45	4500	120	220	265	0,203	B25

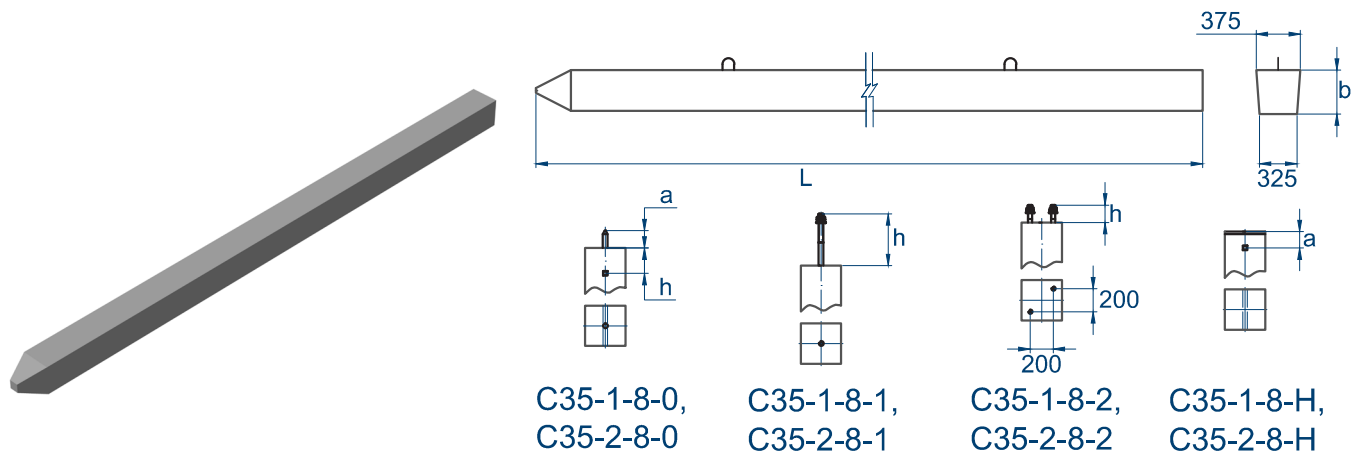
This attachment is designed to build 0.38, 10, 20 and 35kV overhead power transmission lines and also to install telegraph, telephone and radio lines. Alpha-numeric code indicates the product brand and its length in decimeters.



CT TOO 991040002361-029-2011

№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		L	a	b	h1	h2		
1	ПП-08	3000	130	140	170	190	0,070	B25

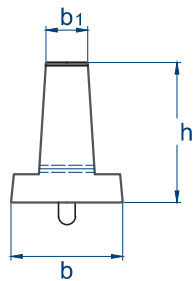
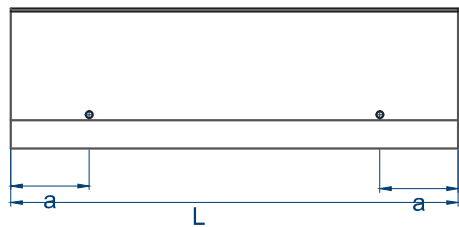
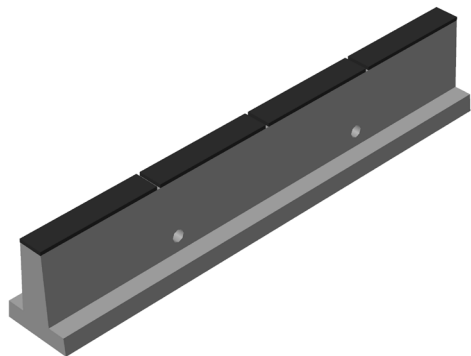
This ПП attachment is designed to build supports for communication lines.



Renovation according to 3.407-115 Series, GOST 19804-91

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	b	h	a		
1	C35-1-8-0	8000	350	150	200	0,960	B22,5
2	C35-2-8-0	8000	350	150	200	0,960	B22,5
3	C35-1-8-1	8000	350	450	-	0,960	B22,5
4	C35-2-8-1	8000	350	500	-	0,960	B22,5
5	C35-1-8-2	8000	350	150	-	0,960	B22,5
6	C35-2-8-2	8000	350	150	-	0,960	B22,5
7	C35-1-8-H	8000	350	-	120	0,960	B22,5
8	C35-2-8-H	8000	350	-	120	0,960	B22,5

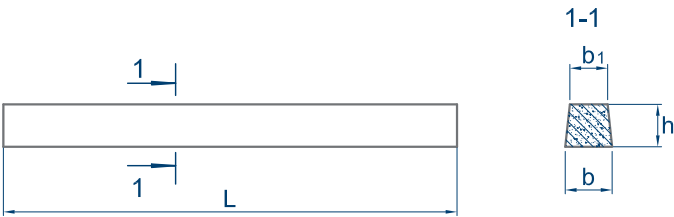
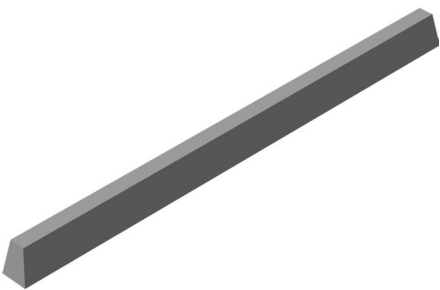
Used to attach stand alone metal anchor-and-angle, intermediate supports, and also stands, different supports with guy lines. Four types of heads are designed to be used as poles with different types of foundation.



Standard Series 3.407.1-157, GOST 13015-2003

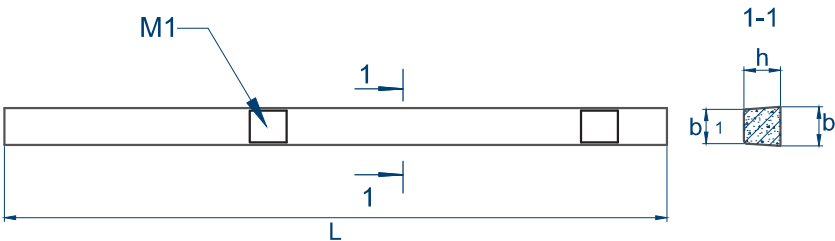
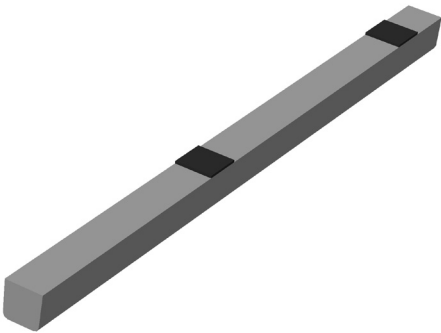
№	Product Name	Dimensions, mm					Amount of concrete, m³	Concrete Grade
		L	b	b1	h	a		
1	ЛЖ-16	1600	400	150	500	300	0,170	B15
2	ЛЖ-28	2800	400	150	500	600	0,300	B15
3	ЛЖ-44	4400	400	150	500	1100	0,480	B15
4	ЛЖ-60	6000	400	150	500	1500	0,650	B15

Reinforced concrete props (parts of modular cable transformer substations) with solid cross-section. Designed to construct transformer substations. Used together with foundation blocks installed under transformers and substation equipment.



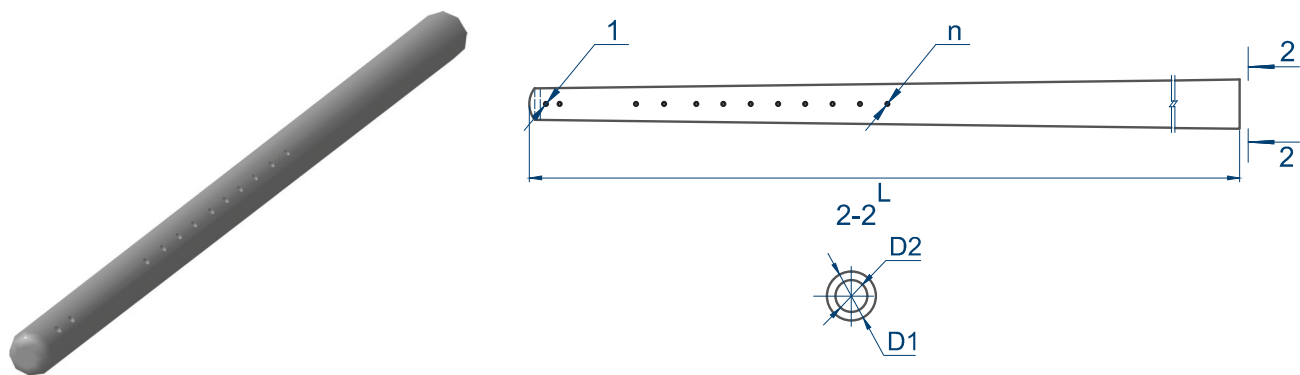
Renovation according to 3.407-102 Series, GOST 13015-2003

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	b	b1	h		
1	CT-1	2400	150	130	145	0,050	B25
2	CT-2	1200	150	130	145	0,024	B15



Renovation according to 3.407-102 Series, GOST 13015-2003

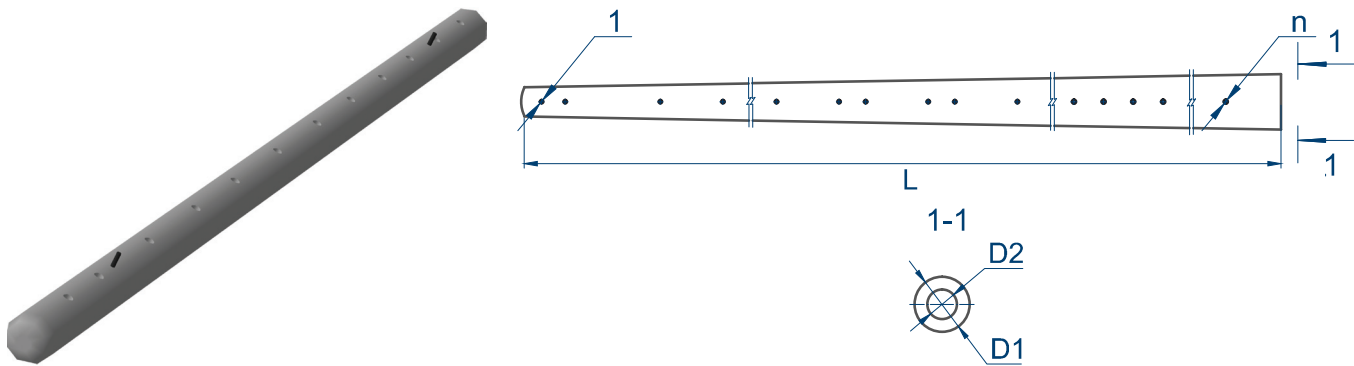
№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	b	b1	h		
1	CT-1A	2700	150	130	145	0,058	B25



Design drawings 0268, CT 5599-1907-TOO-010-2012

№	Product Name	Dimensions, mm			n , pcs.	Расстояние от вершины, мм	Amount of concrete, m³	Concrete Grade
		L	D1	D2				
1	СП 104.6-2.7	10400	445	290	12	150, 25, 700, 255,295,7x250	0,590	B30
2	СП 104.6-3.7	13600	492	290	12	150, 25, 700, 255,295,7x250	0,059	B40
3	СП 108.6-2.7	10400	445	290	12	150, 25, 700, 255,295,7x250	0,620	B30
4	СП 136.6-2.7	10800	450	290	12	150, 25, 700, 255,295,7x250	0,830	B30
5	СП 136.6-3.3	13600	492	290	12	150, 25, 700, 255,295,7x250	0,850	B40
6	СП 136.6-3.7	13600	492	290	12	150, 25, 700, 255,295,7x250	0,830	B40
7	СП 136.7-4.7	13600	492	290	12	150, 25, 700, 255,295,7x250	0,970	B40

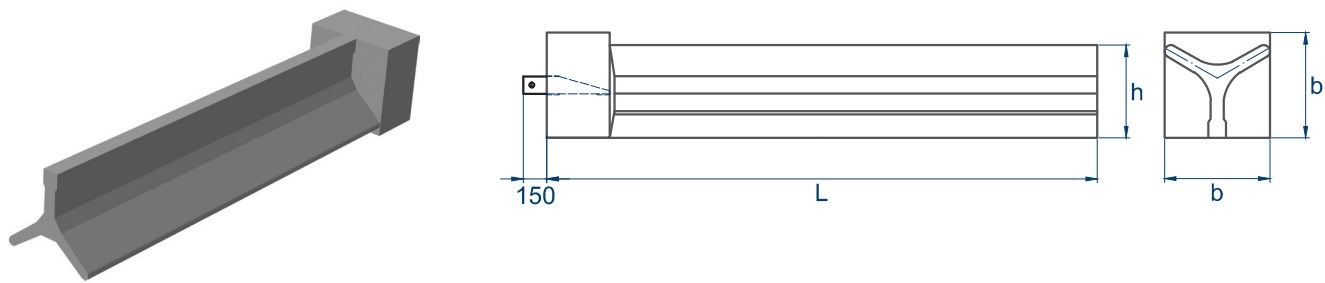
Reinforced concrete poles designed to be used as intermediate, anchor and long-span console supports of the overhead contact system, and also used as poles of portal structures when constructing new power grids, upgrading, renovating or performing full repair of current AC and DC power grids.



Design drawings 0268, GOST 22131-76

№	Product Name	Dimensions, mm				n , pcs.	Distance from the top, mm	Amount of concrete, m³	Concrete Grade
		L	L1	D1	D2				
1	C 101-18.3	10100	7000	320	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,280	B30
2	C 101-18.7	10100	7000	320	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,280	B30
3	C 101-25.7	10100	7000	320	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,280	B40
4	C 1.85/10.1	10100	7000	320	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,280	B30
5	C 2.57/10.1	10100	7000	320	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,280	B40
6	C 111-20.3	11100	8000	335	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,320	B30
7	C 111-20.7	11100	8000	335	170	16	130, 160, 260, 380, 420, 980, 420, 180, 420, 180, 420, 2800, 200x3, 2400	0,320	B30

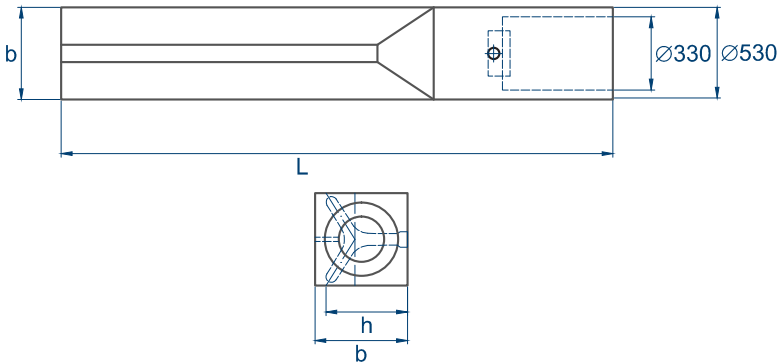
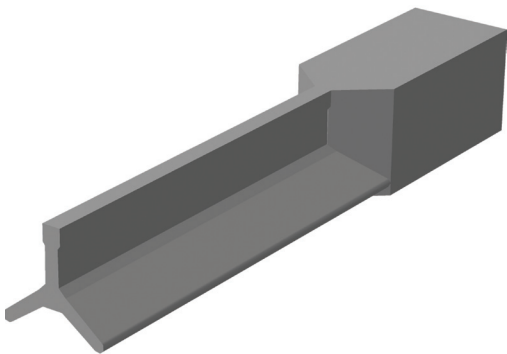
Reinforced concrete supports, pre-stressed, manufactured using centrifuge method for high tension and signal lines with auto blocking option. Designed to construct support for high tension and signal lines with auto blocking option at railway roads rated as 6-10kV railroads. This type of supports has protective paint on its foundation part (which is 2.2m long). The C 101-18 support is an equivalent of the C 1,85/10,1 support according to 3.501.1-145 Series.



Standard Series 6291, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	TAH-4.0	4000	670	590	0,560	B30
2	TAH-4.5	4500	670	590	0,610	B30

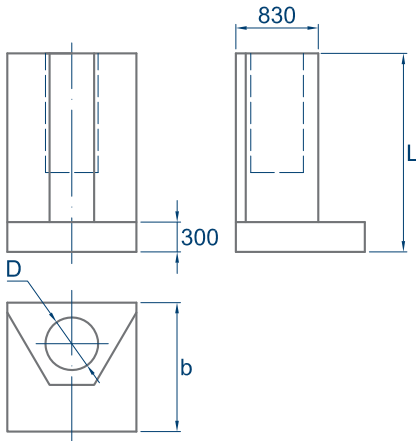
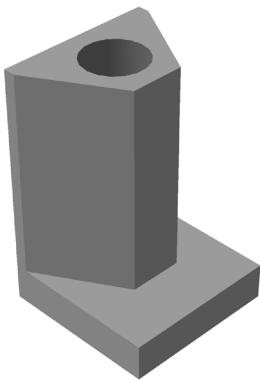
Three point anchors. Highly robust. Designed to attach guy lines of anchor supports of overhead contact systems.



Standard Series 6291, Mospromtransproekt JSC, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	TCH-2-4.0	4000	670	590	0,800	B30
2	TCH-2-4.5	4500	670	590	0,850	B30
3	TCH-3-4.0	4000	670	590	0,800	B30
4	TCH-4-4.0	4000	670	590	0,800	B30

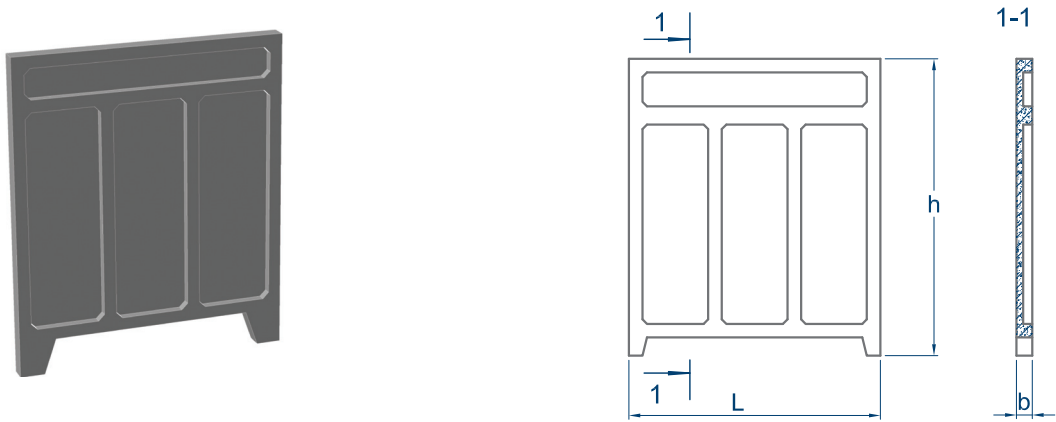
Three pointed socket type foundation. Highly robust. Designed to install cone shaped reinforced concrete console supports of the СП 108, СП 104 overhead contact systems and to install supports with solid structure that includes single and double supports.



CT TOO 39065464-021-2008

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	D		
1	3Φ-1	2000	1300	530	1,550	B30

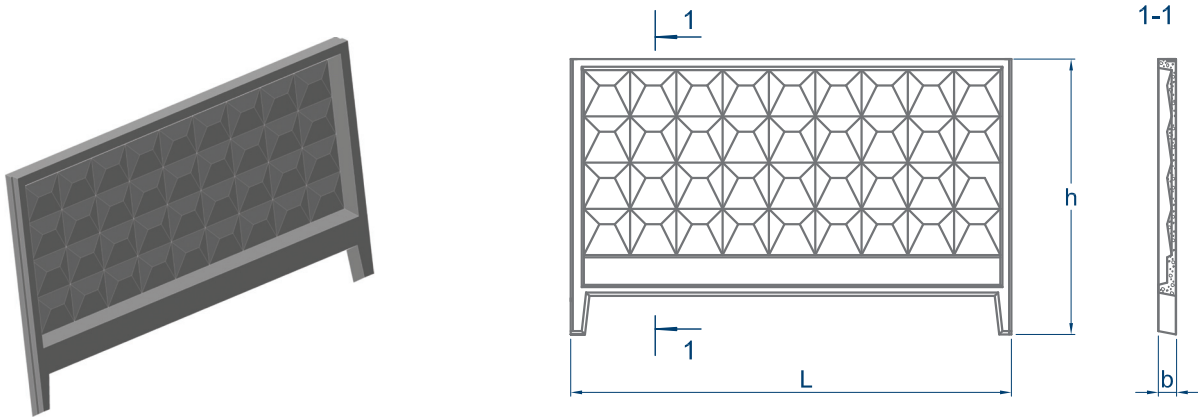
Socket type foundation. Highly robust. Designed to install cone shaped reinforced concrete console supports of the СП 108, СП 104 overhead contact systems and to install supports with solid structure that includes single and double supports in sliding ground.



GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ПО-1	2200	140	2620	0,375	B15

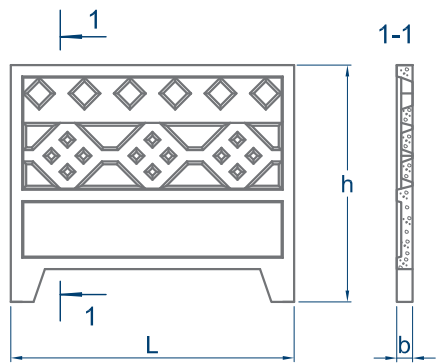
Fencing pales, used in industrial and civil construction to fence the construction area.



GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ПО-2	4000	140	2620	0,790	B15

Fencing pales, used in industrial and civil construction to fence the construction area.

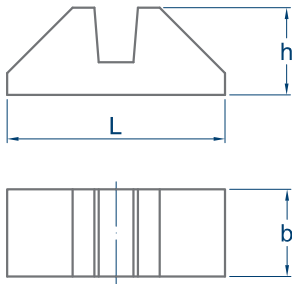
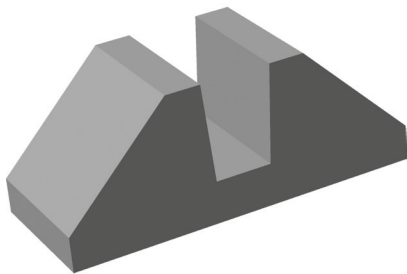


GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ПО-3	2500	140	2090	0,370	B22,5

Fencing pales, used in industrial and civil construction to fence the construction area.

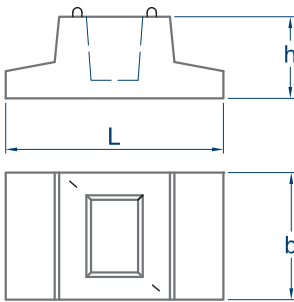
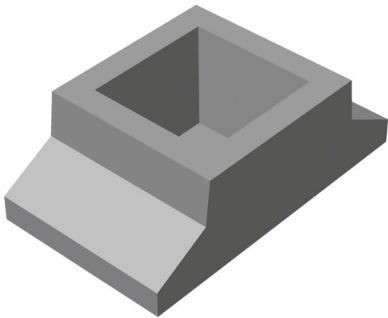
3.1. FENCE PANELS



GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ФП	1000	400	400	0,095	B15

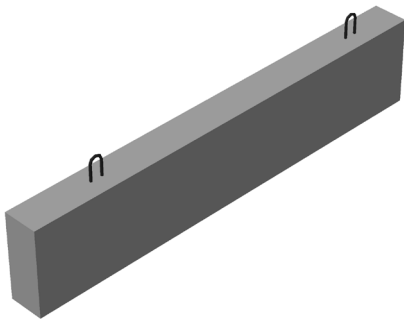
Foundation blocks used to install the ПО-1, ПО-3 fencing panels.



GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	Ф2КИ	1200	700	450	0,320	B15

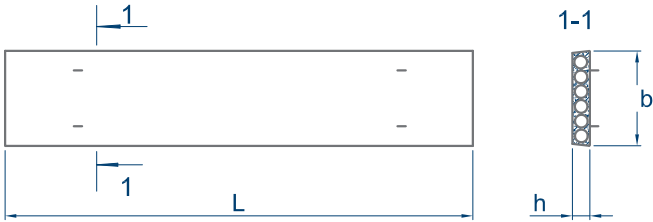
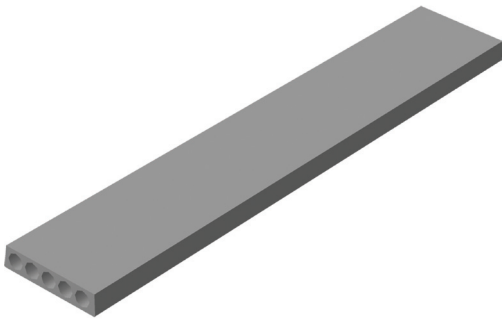
Foundation blocks used to install the ПО-2 fencing panels.



GOST 6665-91

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	БП100.20.8	1000	200	80	0,016	B22,5

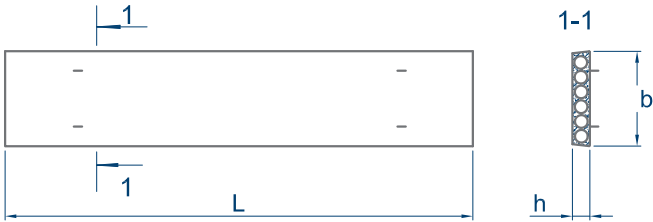
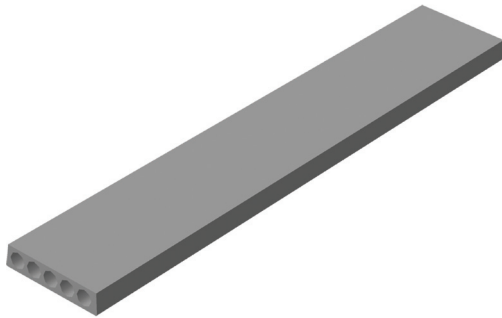
Used to block driveways and also to prevent roads from being washed out.



Standard Series 1.141.1-32c, Ст PK 949-92

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ПК59.10	5860	990	220	0,685	B15
2	ПК59.12	5860	1190	220	0,825	B15
3	ПК63.10	6260	990	220	0,730	B15
4	ПК63.12	6280	1190	220	0,880	B15

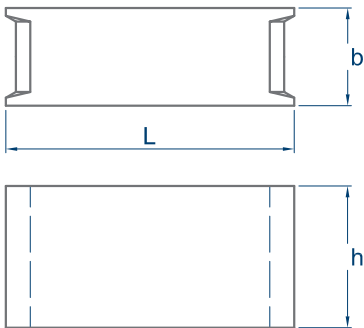
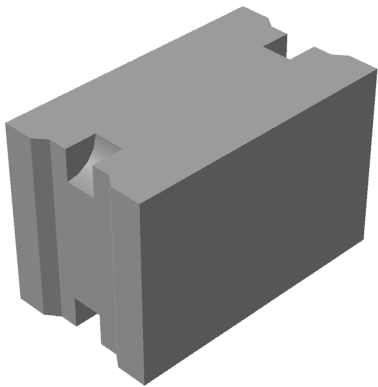
Floor slabs, used to construct buildings.



Standard Series 1.241-1, GOST 13015-2003

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	П 89.12	8860	1190	220	1,270	B15

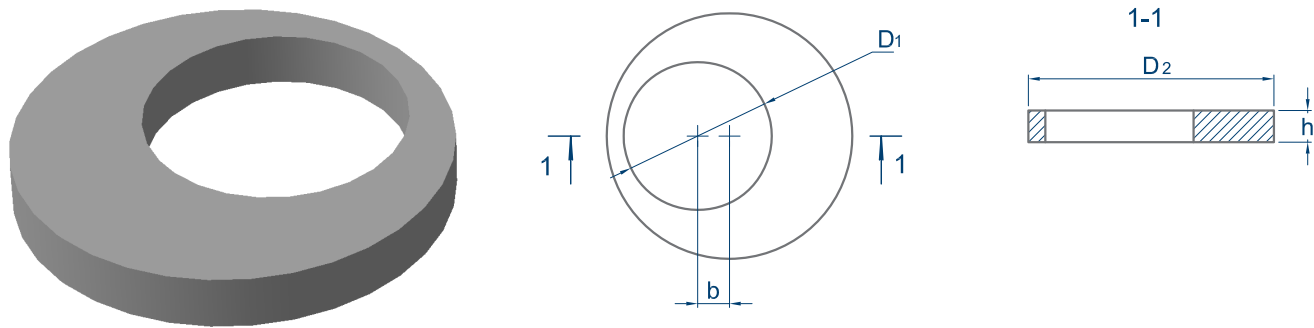
Floor slabs, used to construct buildings.



GOST 13579-78

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	b	h		
1	ФБС 9.3.6	880	300	580	0,146	B7,5
2	ФБС 9.4.6	880	400	580	0,195	B7,5
3	ФБС 9.5.6	880	500	580	0,244	B7,5
4	ФБС 9.6.6	880	600	580	0,293	B7,5
5	ФБС 12.3.6	1180	300	580	0,216	B7,5
6	ФБС 12.4.6	1180	400	580	0,265	B7,5
7	ФБС 12.5.6	1180	500	580	0,331	B7,5
8	ФБС 12.6.6	1180	600	580	0,398	B7,5
9	ФБС 24.3.6	2380	300	580	0,406	B7,5
10	ФБС 24.4.6	2380	400	580	0,543	B7,5
11	ФБС 24.5.6	2380	500	580	0,679	B7,5
12	ФБС 24.6.6	2380	600	580	0,815	B7,5

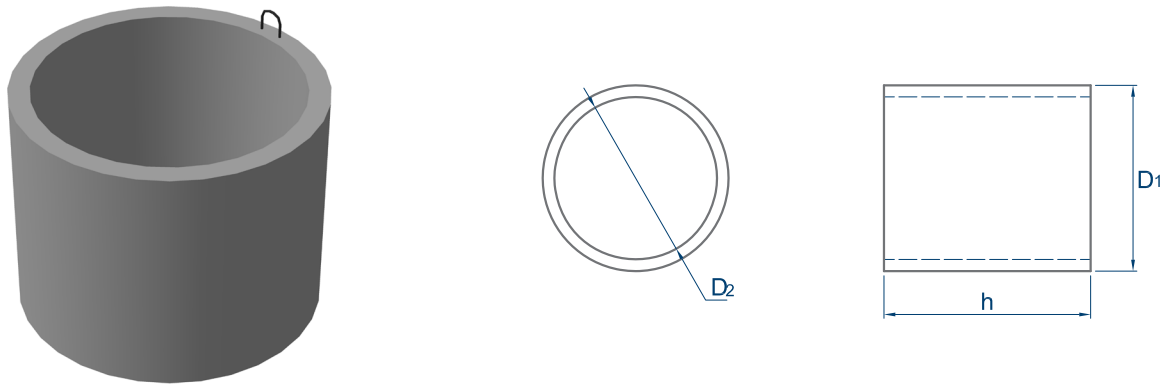
Concrete foundation blocks made from heavy weight concrete. Designed to build footings and basements. Heavy weight concrete blocks have high density and they are very strong. It allows them to be utilized as load bearing elements of a structure.



Standard Series 3.900.1-14, GOST 8020-90

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		D1	D2	h		
1	ПП10	700	1160	150	0,158	B15
2	1ПП15	700	1680	150	0,274	B15
3	1ПП20-1	700	2200	160	0,510	B15
4	1ПП20-2	700	2200	160	0,510	B15

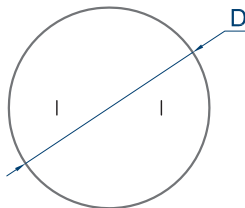
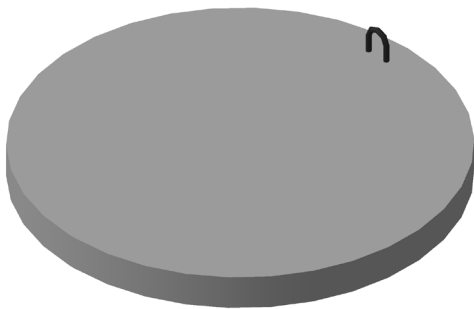
Used to build water conduit wells and sewage manholes.



Standard Series 3.900.1-14, GOST 25628-90

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		D2	D1	h		
1	KC10.9	1000	1160	890	0,240	B15
2	KC15.9	1500	1680	890	0,400	B15
3	KC20.9	2000	2200	890	0,590	B15

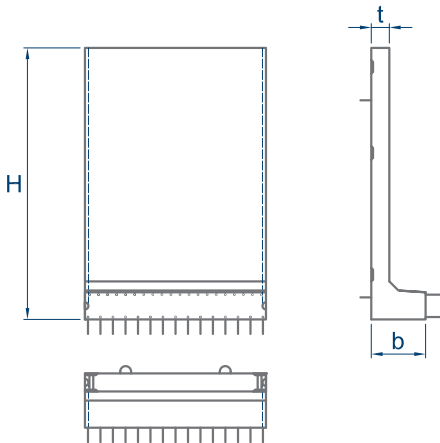
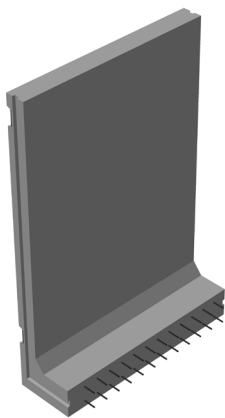
Used to build water conduit wells and sewage manholes.



Standard Series 3.900.1-14, GOST 13015-2003

№	Product Name	Dimensions, mm		Amount of concrete, m³	Concrete Grade
		D	h		
1	ПН10	1500	120	0,180	B15
2	ПН15	2000	120	0,380	B15
3	ПН20	2500	120	0,590	B15

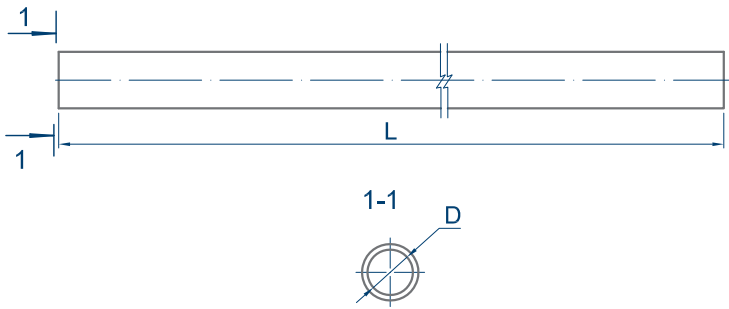
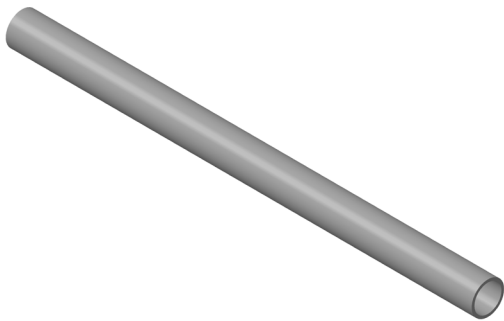
Used to build water conduit wells and sewage manholes.



Standard Series 3.820-8, CT TOO 39065464-031-2009

№	Product Name	Dimensions, mm				Amount of concrete, m³	Concrete Grade
		L	b	H	t		
1	Г 20	3000	600	2000	200	1,560	B15
2	Г 30	2000	600	3000	200	1,450	B15

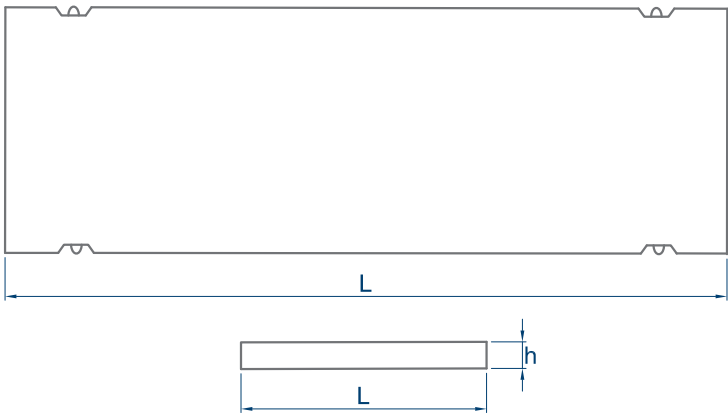
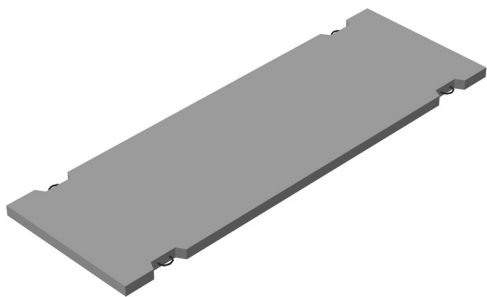
L-shaped blocks, designed to connect open structures, rectangular cross-section trays and other structures for reclamation systems. In open structures, L-shaped blocks are used to build road crossing sections, river rapids, stilling channels to construct channel walls from these blocks.



CT 5599-1907-TOO-010-2012

№	Product Name	Dimensions, mm		Amount of concrete, m³	Concrete Grade
		L	D		
1	ТЦ7.30	7350	560	0,640	B40
2	ТЦ22.2	22200	560	1,920	B40

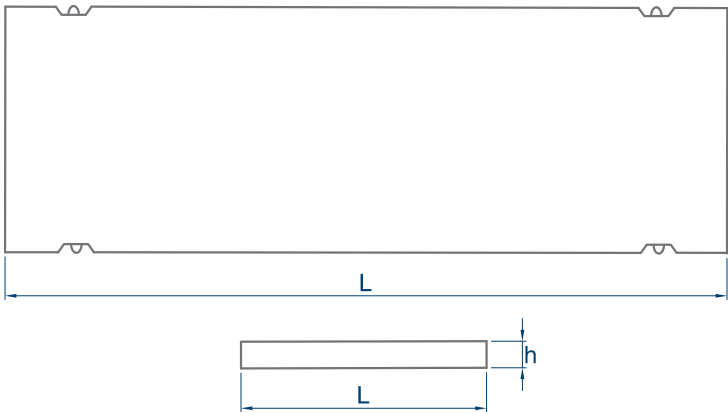
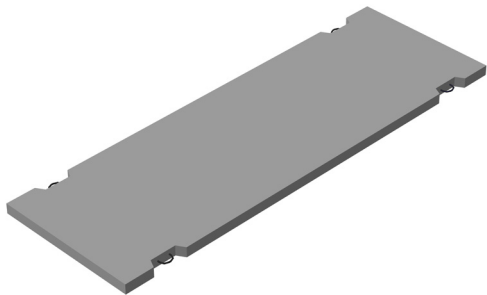
Used to construct gravity flow pipelines (collector) for household and slightly corrosive industrial liquids.



Standard Series 3.503 1-91, GOST 25912.0-91

№	Product Name	Dimensions, mm			Amount of concrete, m³	Concrete Grade
		L	B	h		
1	ПДН	6000	2000	140	1,700	B25

Road slabs used to build highways in the areas with heavy ground and water conditions and adverse climatic conditions when the nominal air temperature of the coldest month drops to -55°C. They are also recommended for common urban road construction.



GOST 25912.0-91

№	Product Name	Dimensions, mm			Объем бетона, м³	Concrete Grade
		L	B	h		
1	ПАГ 14	6000	2000	140	1,700	B25

The ПАГ slabs are used to construct built-up surface of permanent and temporary airdromes, city roads and areas with the instant work load that is 75 tons per m².



Sales Department, LLC
040008, Kazakhstan,
Taldykorgan, Abylaikhan street, 266.
Tel.: +7 (7282) 23 53 00, Fax: +7 (7282) 23 53 30
E-mail: sale1@aspmk.kz
Site: www.aspmk519.kz