

**Catalogue 2017. Part I "Grounding rods. Steel covered with copper" (p. 33-42)**

**Parts of vertical earthing of copper-clad steel with a diameter of 14.2 mm in length from 3.0 to 30 meters - grounding rod electrodes EZM-58-15-XX**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
100-003	Grounding rod SZM-58-11-15 (steel covered with copper)	1500x14,2	10	9,44	11,80	34
100-001	Coupling MS-58-11 (brass)	70x22	4	3,30	4,72	35
100-002	Tip NS-58-11 (steel coated with zinc)	42x20	3	2,48	3,54	34

**Clamps universal chargers brass for the connection of horizontal and vertical earthing conductors and round or flat cross-section (for a range from 8-12 mm for flat conductors up to 50x6 from 20 x 4 mm)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
201-004	Clamp universal ZU-1L	90x90x50	9,20	7,60	10,86	36
201-002	Clamp universal ZU-2L	90x90x50	9,50	7,85	11,21	36
201-012	Clamp universal ZU-3L	90x90x50	9,68	8,00	11,42	36
201-005	Clamp universal ZU-K1-L	130x30x50	4,99	4,12	5,89	38
201-003	Clamp universal ZU-K2-L	130x30x50	4,99	4,12	5,89	38
201-016	Clamp universal ZU-K3-L	130x30x50	4,99	4,12	5,89	38
201-018	Clamp universal ZU-V1-L	70x30x35	4,46	3,68	5,26	37
201-020	Clamp universal ZU-V2-L	70x30x35	4,46	3,68	5,26	37
201-022	Clamp universal ZU-V3-L	70x30x35	4,46	3,68	5,26	37

**The clamps connecting out of brass for the connection of horizontal and vertical earthing conductors and round or flat cross-section (for a range from 8 to 22 mm for flat conductors up to 50x6 from 20 x 4 mm)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
211-007	Clamps connecting ZS-1L	90x90x50	9,53	7,87	11,25	39
211-005	Clamps connecting ZS-2L	90x90x50	9,53	7,87	11,25	39
211-019	Clamps connecting ZS-4L	90x90x50	9,53	7,87	11,25	39
211-013	Clamps connecting ZS-V1-L	70x30x35	4,20	3,47	4,96	40
211-015	Clamps connecting ZS-V2-L	70x30x35	4,31	3,56	5,09	40
211-017	Clamps connecting ZS-V4-L	70x30x35	4,46	3,68	5,26	40

**Catalogue 2017. Part I "Vertical earth rods of stainless steel" (p. 56-66)**

**Parts of vertical earthing stainless steel with a diameter of 16 mm and 18 mm in length from 3.0 to 30 meters - grounding rod electrodes EZN-58-15-XX(16) and EZN-58-15-XX(18)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
102-003	Grounding rod SZN-58-11-15(16)	1500x16	14,30	13,50	16,87	44
102-006	Grounding rod SZN-58-11-15(18)	1500x18	17,85	16,85	21,06	44
102-001	Coupling MSN-58-11	70x22	4,84	4,00	5,71	45
102-002	Tip NSN-58-11	50x22	4,38	3,62	5,17	44

**Parts of vertical earthing stainless steel with a diameter of 20 mm, 22 mm, 24 mm, 25 mm in length from 3.0 to 30 meters - grounding rod electrodes EZN-34-15-XX(20), EZN-34-15-XX(22), EZN-34-15-XX(24).**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
110-004	Grounding rod SZN-34-10-15(20)	1500x20	22,24	20,99	26,24	44
110-008	Grounding rod SZN-34-10-15(22)	1500x22	25,71	24,27	30,34	44
110-010	Grounding rod SZN-34-10-15(24)	1500x24	30,11	28,42	35,53	44
110-001	Coupling MSN-34-10	80x25	5,44	4,49	6,42	44
110-002	Tip NSN-34-10	80x25	4,84	4,00	5,71	44
new	Grounding rod SZN-34-10-15(25)	1500x25	34,80	32,85	41,06	new
new	Coupling MSN-34-10(25)	80x28	6,35	5,25	7,49	new
new	Tip NSN-34-10(25)	80x28	6,35	5,25	7,49	new

**Clamps universal stainless steel, for connection of horizontal and vertical earthing conductors and round or flat cross-section (for a range from 8-12 mm for flat conductors up to 50x6 from 20x4 mm)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
205-004	Clamp universal ZU-1N	90x90x50	8,32	6,87	9,82	46
205-002	Clamp universal ZU-2N	90x90x50	8,32	6,87	9,82	46
205-006	Clamp universal ZU-3N	90x90x50	8,32	6,87	9,82	46
205-005	Clamp universal ZU-K1-N	130x30x50	4,16	3,44	4,91	47
205-003	Clamp universal ZU-K2-N	130x30x50	4,46	3,68	5,26	47
205-007	Clamp universal ZU-K3-N	130x30x50	4,46	3,68	5,26	47
205-008	Clamp universal ZU-V1-N	70x30x35	4,31	3,56	5,09	48
205-009	Clamp universal ZU-V2-N	70x30x35	4,31	3,56	5,09	48
205-010	Clamp universal ZU-V3-N	70x30x35	4,31	3,56	5,09	48

**Clamps connecting, stainless steel, for connection of horizontal and vertical earthing conductors and round or flat cross-section (for a range from 8 to 22 mm for flat conductors up to 50x6 from 20 x 4 mm)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
205-011	Clamps connecting ZS-1N	90x90x50	8,32	6,87	9,82	49
205-012	Clamps connecting ZS-2N	90x90x50	8,32	6,87	9,82	49
205-013	Clamps connecting ZS-4N	90x90x50	8,32	6,87	9,82	49
205-014	Clamps connecting ZS-V1-N	70x30x35	4,16	3,44	4,91	50
205-015	Clamps connecting ZS-V2-N	70x30x35	4,16	3,44	4,91	50
205-016	Clamps connecting ZS-V4-L	70x30x35	4,16	3,44	4,91	50

**Catalogue 2017. Part I "Vertical earth rod hot dip galvanized steel" (p. 56-66)**

**Part of vertical earthing hot dip galvanized steel with a diameter of 16 mm and a length of from 3.0 to 30 meters - grounding rod electrodes EZC-18-15-XX(16)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
117-003	Grounding rod SZC-18-15(16)	1500x16	8,92	8,42	10,53	57
117-001	Coupling MSN-18	70x22	4,84	4,00	5,71	58
117-002	Tip NSN-18	50x22	4,39	3,63	5,18	57

**Part of vertical earthing hot dip galvanized steel with a diameter of 18 mm and a length of from 3.0 to 30 meters - grounding rod electrodes teams EZC-20-15-XX(18)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
115-003	Grounding rod SZC-20-15(18)	1500x18	13,00	10,74	15,34	57
114-005	Grounding rod SZC-20-15(20)	1500x20	14,98	12,37	17,68	57
115-001	Coupling MSN-20	80x25	5,45	4,50	6,43	58
115-002	Tip NSN-20	80x25	4,84	4,00	5,71	57

**Universal clamps hot dip galvanized steel for the connection of horizontal and vertical earthing conductors and round or flat cross-section (for a range from 8-12 mm for flat conductors up to 50x6 from 20 x 4 mm)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
209-008	Clamp universal ZU-1GC	90x90x50	6,35	5,25	7,49	59
209-006	Clamp universal ZU-2GC	90x90x50	6,80	5,62	8,02	59
209-007	Clamp universal ZU-3GC	90x90x50	6,80	5,62	8,02	59
209-012	Clamp universal ZU-K1-GC	130x30x50	3,56	2,94	4,20	61
209-013	Clamp universal ZU-K2-GC	130x30x50	3,78	3,12	4,46	61
209-014	Clamp universal ZU-K3-GC	130x30x50	3,78	3,12	4,46	61
209-009	Clamp universal ZU-V1-GC	70x30x35	2,42	2,00	2,86	60
209-010	Clamp universal ZU-V2-GC	70x30x35	2,79	2,30	3,29	60
209-011	Clamp universal ZU-V3-GC	70x30x35	2,79	2,30	3,29	60

**The connecting clamps hot dip galvanized steel for the connection of horizontal and vertical earthing conductors and round or flat cross-section (for a range from 8 to 22 mm for flat conductors up to 50x6 from 20 x 4 mm)**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
210-001	Clamps connecting ZS-1GC	90x90x50	6,05	5,00	7,14	62
210-002	Clamps connecting ZS-2GC	90x90x50	6,80	5,62	8,02	62
210-003	Clamps connecting ZS-4GC	90x90x50	6,80	5,62	8,02	62
210-004	Clamps connecting ZS-V1-GC	70x30x35	1,81	1,50	2,14	63
210-005	Clamps connecting ZS-V2-GC	70x30x35	2,27	1,88	2,68	63
210-006	Clamps connecting ZS-V4-GC	70x30x35	2,27	1,88	2,68	63

**Catalogue 2017. Part I "Materials for life extension of the grounding devices and improve their quality indicators" (p. 67-68)**

**Protection from corrosion. Reduction of transient electrical resistance of the connections, grounding devices and grounding conductors**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
401-002	Conductive grease 100 gr	125x23	2,27	1,88	2,68	68
401-003	Conductive grease 200 gr	100x40	4,46	3,68	5,26	68
401-001	Conductive grease 400 g	120x75	8,92	7,37	10,53	68
401-011	Electrically conductive composition 500 gr.	75x100	2,95	2,44	3,48	69
401-012	Electrically conductive composition 500 gr.	115x100	5,29	4,37	6,24	69
101-512	Tape-sealer, 50 mm, 10 m	250x50	9,84	8,13	11,61	69

**Catalogue 2017. Part I "Tools and equipment for installation of grounding devices" (p. 69-73)**

**Tooling for installation of vertical earth rods with thread UNC 5/8-11: grounding rod electrodes teams EZM-58-15-XX from copper-plated steel and EZN-58-15-XX stainless steel**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
990-002	Each head GP-58-11	52x15	2,27	1,88	2,68	72
100-004	Mounting coupling MM-58-11	70x24	4,46	3,68	5,26	73 (55)
990-103	Impact device "Drummer" U-58-11	600x400	90,70	74,92	107,03	73

**Tooling for installation of vertical earth rod threaded 3/4 UNC-10: grounding rod electrodes teams EZN-34-15-XX (20), EZN-34-15-XX (22), EZN-34-15-XX (24) stainless steel**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
990-001	Each head GP-34-10	68x19	3,18	2,63	3,75	72
110-005	Mounting coupling MM-34-10	80x27	4,46	3,68	5,26	73 (35)
990-104	Impact device "Drummer" U-34-10	600x400	90,70	74,92	107,03	73

**Tooling for installation of vertical earth rods with thread M16: grounding rod electrodes teams EZC-16-15-XX (16) hot dip galvanized steel.**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
990-010	Each head GP-16	68x18	2,27	1,88	2,68	72
100-804	Mounting coupling MM-16	100x40	4,46	3,68	5,26	73 (35)
990-105	Impact device "Drummer" U-16	600x400	90,70	74,92	107,03	73

**Tooling for installation of vertical earth rods with thread M18: grounding rod electrodes teams EZC-18-15-XX (20) hot dip galvanized steel.**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
990-009	Each head GP-18	68x18	2,27	1,88	2,68	72
117-004	Mounting coupling MM-18	100x40	4,46	3,68	5,26	73 (58)
990-101	Impact device "Drummer" U-18	600x400	90,70	74,92	107,03	73

**Tooling for installation of vertical earth rods with thread M20: grounding rod electrodes teams EZC-20-15-XX (20) hot dip galvanized steel.**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
990-008	Each head GP-20	68x20	3,18	2,63	3,75	72
115-004	Mounting coupling MM-20	100x40	4,46	3,68	5,26	73 (58)
990-102	Impact device "Drummer" U-20	600x400	90,70	74,92	107,03	73

**Power tools and accessories for installation earthing with all types of threads.**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
990-004	Demolition hammer H60MRV	125x23	983	811,958	1159,94	72
990-005	Head impact NU-1 (for GP-58-11, GP-18)	265x18x11,7	13,5	11,151	15,93	72
990-006	Head impact NU-2 ( for GP-34-10, GP-20)	265x18x14,5	13,5	11,151	15,93	72

**Catalogue 2017. Part I "Materials for the conductors" (pp. 74-75)**

**Strip/circle for grounding and lightning protection of hot-dip galvanized steel**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
901-002	Galvanized strip steel, 25x4 mm	20x4	1,89	1,56	2	77
901-004	Galvanized strip steel, 40x4 mm	40x4	2,40	1,98	3	77
901-010	Round galvanized steel, 8 mm	8	1,34	1,11	2	77
901-011	Round steel galvanized, 10 mm	10	1,74	1,44	2	77

**Strip/circle for grounding and lightning protection stainless steel**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
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**Development, design, production of grounding systems and lightning protection of high reliability**

901-102	Stainless steel band, 25x4 mm, per running meter	20x4	9,84	8,13	12	77
901-104	Stainless steel band, 40x4 mm, per running meter	40x4	12,77	10,55	15	77
911-110	Stainless steel round bar, 8mm	8	6,80	5,62	8	77
911-114	Stainless steel round bar, 10 mm	10	8,32	6,87	10	77

**Strip/circle for grounding and lightning protection copper**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
901-202	Copper strip, 25x4 mm, per running meter	20x4	9,83	8,12	12	77
901-203	Copper strip, 30x4 mm, per running meter	20x4	11,30	9,33	13	77
901-204	Copper strip, 40x4 mm, per running meter	40x4	12,77	10,55	15	77
901-210	Copper round, 8 mm	8	6,80	5,62	8	77
901-211	Copper round, 10 mm	10	8,32	6,87	10	77

**Other products**

**Grounding for mobile installations made of hot dip galvanized steel**

Code catalog	Name	Size ,mm	Wholesale price	Dealer price	Recommended sales price	No. page catalog
902-001	Earthing of electrical installations for mobile PZU-1401	1800x150/340	105,78	87,37	124,82	не указано
902-002	Earthing of electrical installations for mobile PZU-1402	1800x150/340	151,18	124,87	178,39	не указано
902-003	Earthing of electrical installations for mobile PZU-1403	1800x150/340	196,58	162,38	231,96	не указано
902-004	Earthing of electrical installations for mobile PZU-1404	1800x150/340	241,98	199,88	285,54	не указано
902-005	Earthing of electrical installations for mobile PZU-1405	1800x150/340	287,38	237,38	339,11	не указано
902-006	Earthing of electrical installations for mobile PZU-1406	1800x150/340	332,78	274,88	392,68	не указано
902-007	Earthing of electrical installations for mobile PZU-1407	1800x150/340	378,18	312,38	446,25	не указано
902-008	Earthing of electrical installations for mobile PZU-1408	1800x150/340	423,57	349,87	499,81	не указано
902-009	Earthing of electrical installations for mobile PZU-1409	1800x150/340	468,98	387,38	553,40	не указано
902-010	Earthing of electrical installations for mobile PZU-1410	1800x150/340	514,38	424,88	606,97	не указано

**Part of the grounding for mobile installations made of hot dip galvanized steel**

902-101	Pin-earthing 1800x14 mm	1800x14	36,32	30,00	42,86	не указано
902-102	Hammer	150/340x100	34,80	28,74	41,06	не указано
902-103	Grounding conductor zpg-316-02.4000-M8/M10	4000	22,70	18,75	26,79	не указано
902-104	Bus steel galvanized 6 conclusions M8	330x30x4	12,11	10,00	14,29	не указано

**Catalogue 2017. Part I "Grounding electrode rod of copper-clad steel" (p. 33-42)**

**2.4 Execution I. The Grounding electrode rod precast steel, electrochemical copper coating EZM-58-15-XX (specifications 3435-002-80448513-08. Diameter of 14.2 mm. Length in the collection from 3 to 30 meters) (p. 41)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
101-001	Grounding electrode rod EZM-58-15-02	3	37	32	43	41
101-002	Grounding electrode rod EZM-58-15-03	4,5	54	48	63	41
101-003	Grounding electrode rod EZM-58-15-04	6	71	63	83	41
101-004	Grounding electrode rod EZM-58-15-05	7,5	88	78	104	41
101-005	Grounding electrode rod EZM-58-15-06	9	105	93	124	41
101-006	Grounding electrode rod EZM-58-15-07	10,5	122	108	144	41
101-007	Grounding electrode rod EZM-58-15-08	12	139	123	164	41
101-008	Grounding electrode rod EZM-58-15-09	13,5	156	138	184	41
101-009	Grounding electrode rod EZM-58-15-10	15	178	157	210	41
101-010	Grounding electrode rod EZM-58-15-11	16,5	195	173	230	41
101-011	Grounding electrode rod EZM-58-15-12	18	212	188	250	41
101-012	Grounding electrode rod EZM-58-15-13	19,5	229	203	270	41
101-013	Grounding electrode rod EZM-58-15-14	21	246	218	290	41
101-014	Grounding electrode rod EZM-58-15-15	22,5	263	233	311	41
101-015	Grounding electrode rod EZM-58-15-16	24	280	248	331	41
101-016	Grounding electrode rod EZM-58-15-17	25,5	297	263	351	41
101-017	Grounding electrode rod EZM-58-15-18	27	314	278	371	41
101-018	Grounding electrode rod EZM-58-15-19	28,5	331	293	391	41
101-019	Grounding electrode rod EZM-58-15-20	30	348	308	411	41

**Catalogue 2017. Part I "Grounding electrode rod of stainless steel" (p. 56-66)**

**3.4 Execution IV. The Grounding electrode rod rod precast steel, electrochemical copper coating EZN-58-15-XX(16) (specifications 3435-002-80448513-08. Diameter of 16 mm. Length in the collection from 3 to 30 meters) (p. 51)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
103-001	Grounding electrode rod EZN-58-15-02(16)	3	48	43	57	51
103-002	Grounding electrode rod EZN-58-15-03(16)	4,5	70	62	83	51
103-003	Grounding electrode rod EZN-58-15-04(16)	6	92	81	109	51
103-004	Grounding electrode rod EZN-58-15-05(16)	7,5	114	101	134	51
103-005	Grounding electrode rod EZN-58-15-06(16)	9	136	120	160	51
103-006	Grounding electrode rod EZN-58-15-07(16)	10,5	158	140	186	51
103-007	Grounding electrode rod EZN-58-15-08(16)	12	180	159	212	51
103-008	Grounding electrode rod EZN-58-15-09(16)	13,5	201	178	238	51
103-009	Grounding electrode rod EZN-58-15-10(16)	15	228	202	269	51
103-010	Grounding electrode rod EZN-58-15-11(16)	16,5	250	221	295	51
103-011	Grounding electrode rod EZN-58-15-12(16)	18	272	241	321	51
103-012	Grounding electrode rod EZN-58-15-13(16)	19,5	294	260	347	51
103-013	Grounding electrode rod EZN-58-15-14(16)	21	316	279	373	51
103-014	Grounding electrode rod EZN-58-15-15(16)	22,5	338	299	398	51
103-015	Grounding electrode rod EZN-58-15-16(16)	24	359	318	424	51
103-016	Grounding electrode rod EZN-58-15-17(16)	25,5	381	337	450	51
103-017	Grounding electrode rod EZN-58-15-18(16)	27	403	357	476	51
103-018	Grounding electrode rod EZN-58-15-19(16)	28,5	425	376	502	51
103-019	Grounding electrode rod EZN-58-15-20(16)	30	447	396	527	51

**3.5 Execution V. Grounding electrode rod precast steel, electrochemical copper coating EZN-58-15-XX(18) (specifications 3435-002-80448513-08. Diameter of 18 mm. Length in the collection from 3 to 30 meters) (p. 52)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
104-001	Grounding electrode rod EZN-58-15-02(18)	3	61	54	72	52
104-002	Grounding electrode rod EZN-58-15-03(18)	4,5	90	80	106	52
104-003	Grounding electrode rod EZN-58-15-04(18)	6	118	105	140	52
104-004	Grounding electrode rod EZN-58-15-05(18)	7,5	147	130	173	52
104-005	Grounding electrode rod EZN-58-15-06(18)	9	175	155	207	52
104-006	Grounding electrode rod EZN-58-15-07(18)	10,5	204	180	241	52
104-007	Grounding electrode rod EZN-58-15-08(18)	12	232	206	274	52
104-008	Grounding electrode rod EZN-58-15-09(18)	13,5	261	231	308	52
104-009	Grounding electrode rod EZN-58-15-10(18)	15	294	260	347	52
104-010	Grounding electrode rod EZN-58-15-11(18)	16,5	323	286	381	52
104-011	Grounding electrode rod EZN-58-15-12(18)	18	351	311	415	52
104-012	Grounding electrode rod EZN-58-15-13(18)	19,5	380	336	448	52
104-013	Grounding electrode rod EZN-58-15-14(18)	21	408	361	482	52
104-014	Grounding electrode rod EZN-58-15-15(18)	22,5	437	387	515	52
104-015	Grounding electrode rod EZN-58-15-16(18)	24	465	412	549	52
104-016	Grounding electrode rod EZN-58-15-17(18)	25,5	494	437	583	52
104-017	Grounding electrode rod EZN-58-15-18(18)	27	522	462	616	52
104-018	Grounding electrode rod EZN-58-15-19(18)	28,5	551	487	650	52
104-019	Grounding electrode rod EZN-58-15-20(18)	30	579	513	684	52

**3.6 Execution VI. Grounding electrode rod precast steel, electrochemical copper coating EZN-34-15-XX(20) (specifications 3435-002-80448513-08. Diameter of 20 mm. Length in the collection from 3 to 30 meters) (p. 53)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
111-001	Grounding electrode rod EZN-34-10-02(20)	3	65	58	77	53

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111-002	Grounding electrode rod EZN-34-10-03(20)	4,5	96	85	113	53
111-003	Grounding electrode rod EZN-34-10-04(20)	6	126	112	149	53
111-004	Grounding electrode rod EZN-34-10-05(20)	7,5	157	139	185	53
111-005	Grounding electrode rod EZN-34-10-06(20)	9	187	166	221	53
111-006	Grounding electrode rod EZN-34-10-07(20)	10,5	218	193	257	53
111-007	Grounding electrode rod EZN-34-10-08(20)	12	248	219	293	53
111-008	Grounding electrode rod EZN-34-10-09(20)	13,5	278	246	329	53
111-009	Grounding electrode rod EZN-34-10-10(20)	15	309	273	365	53
111-010	Grounding electrode rod EZN-34-10-11(20)	16,5	339	300	400	53
111-011	Grounding electrode rod EZN-34-10-12(20)	18	370	327	436	53
111-012	Grounding electrode rod EZN-34-10-13(20)	19,5	400	354	472	53
111-013	Grounding electrode rod EZN-34-10-14(20)	21	431	381	508	53
111-014	Grounding electrode rod EZN-34-10-15(20)	22,5	461	408	544	53
111-015	Grounding electrode rod EZN-34-10-16(20)	24	492	435	580	53
111-016	Grounding electrode rod EZN-34-10-17(20)	25,5	522	462	616	53
111-017	Grounding electrode rod EZN-34-10-18(20)	27	553	489	652	53
111-018	Grounding electrode rod EZN-34-10-19(20)	28,5	583	516	688	53
111-019	Grounding electrode rod EZN-34-10-20(20)	30	614	543	724	53

**3.7 Execution VII. Grounding electrode rod precast steel, electrochemical copper coating EZN-34-15-XX(22) (specifications 3435-002-80448513-08. Diameter of 22 mm. Length in the collection from 3 to 30 meters) (p. 54)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
111-101	Grounding electrode rod EZN-34-10-02(22)	3	79	70	93	54
111-102	Grounding electrode rod EZN-34-10-03(22)	4,5	113	100	133	54
111-103	Grounding electrode rod EZN-34-10-04(22)	6	147	130	174	54
111-104	Grounding electrode rod EZN-34-10-05(22)	7,5	182	161	214	54
111-105	Grounding electrode rod EZN-34-10-06(22)	9	216	191	255	54
111-106	Grounding electrode rod EZN-34-10-07(22)	10,5	250	221	295	54
111-107	Grounding electrode rod EZN-34-10-08(22)	12	284	252	336	54
111-108	Grounding electrode rod EZN-34-10-09(22)	13,5	319	282	376	54
111-109	Grounding electrode rod EZN-34-10-10(22)	15	358	317	422	54
111-110	Grounding electrode rod EZN-34-10-11(22)	16,5	392	347	463	54
111-111	Grounding electrode rod EZN-34-10-12(22)	18	426	377	503	54
111-112	Grounding electrode rod EZN-34-10-13(22)	19,5	461	408	544	54
111-113	Grounding electrode rod EZN-34-10-14(22)	21	495	438	584	54
111-114	Grounding electrode rod EZN-34-10-15(22)	22,5	529	468	625	54
111-115	Grounding electrode rod EZN-34-10-16(22)	24	564	499	665	54
111-116	Grounding electrode rod EZN-34-10-17(22)	25,5	598	529	705	54
111-117	Grounding electrode rod EZN-34-10-18(22)	27	632	559	746	54
111-118	Grounding electrode rod EZN-34-10-19(22)	28,5	666	590	786	54
111-119	Grounding electrode rod EZN-34-10-20(22)	30	701	620	827	54

**3.8 Execution VIII. Grounding electrode rod precast steel, electrochemical copper coating EZN-34-15-XX(24) (specifications 3435-002-80448513-08. Diameter of 24 mm. Length in the collection from 3 to 30 meters) (p. 55)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
111-201	Grounding electrode rod EZN-34-10-02(24)	3	82	73	97	55
111-202	Grounding electrode rod EZN-34-10-03(24)	4,5	122	108	143	55
111-203	Grounding electrode rod EZN-34-10-04(24)	6	161	142	190	55
111-204	Grounding electrode rod EZN-34-10-05(24)	7,5	200	177	236	55
111-205	Grounding electrode rod EZN-34-10-06(24)	9	239	211	282	55
111-206	Grounding electrode rod EZN-34-10-07(24)	10,5	278	246	328	55
111-207	Grounding electrode rod EZN-34-10-08(24)	12	317	281	374	55
111-208	Grounding electrode rod EZN-34-10-09(24)	13,5	356	315	420	55
111-209	Grounding electrode rod EZN-34-10-10(24)	15	400	354	472	55
111-210	Grounding electrode rod EZN-34-10-11(24)	16,5	439	389	518	55
111-211	Grounding electrode rod EZN-34-10-12(24)	18	478	423	565	55
111-212	Grounding electrode rod EZN-34-10-13(24)	19,5	518	458	611	55
111-213	Grounding electrode rod EZN-34-10-14(24)	21	557	493	657	55
111-214	Grounding electrode rod EZN-34-10-15(24)	22,5	596	527	703	55
111-215	Grounding electrode rod EZN-34-10-16(24)	24	635	562	749	55
111-216	Grounding electrode rod EZN-34-10-17(24)	25,5	674	596	795	55
111-217	Grounding electrode rod EZN-34-10-18(24)	27	713	631	841	55
111-218	Grounding electrode rod EZN-34-10-19(24)	28,5	752	666	888	55
111-219	Grounding electrode rod EZN-34-10-20(24)	30	791	700	934	55

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**4.4 Execution IX. Grounding electrode rod precast steel, electrochemical copper coating EZC-18-15-XX(16) (specifications 3435-002-80448513-08. Diameter of 16 mm. Length in the collection from 3 to 30 meters) (p. 64)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
118-001	Grounding electrode rod EZC-18-15-02(16)	3	35	31	41	64
118-002	Grounding electrode rod EZC-18-15-03(16)	4,5	50	44	59	64
118-003	Grounding electrode rod EZC-18-15-04(16)	6	65	58	77	64
118-004	Grounding electrode rod EZC-18-15-05(16)	7,5	81	71	95	64
118-005	Grounding electrode rod EZC-18-15-06(16)	9	96	85	113	64
118-006	Grounding electrode rod EZC-18-15-07(16)	10,5	111	98	131	64
118-007	Grounding electrode rod EZC-18-15-08(16)	12	126	112	149	64
118-008	Grounding electrode rod EZC-18-15-09(16)	13,5	141	125	167	64
118-009	Grounding electrode rod EZC-18-15-10(16)	15	162	143	191	64
118-010	Grounding electrode rod EZC-18-15-11(16)	16,5	177	156	209	64
118-011	Grounding electrode rod EZC-18-15-12(16)	18	192	170	227	64
118-012	Grounding electrode rod EZC-18-15-13(16)	19,5	207	183	245	64
118-013	Grounding electrode rod EZC-18-15-14(16)	21	222	197	262	64
118-014	Grounding electrode rod EZC-18-15-15(16)	22,5	238	210	280	64

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118-015	Grounding electrode rod EZC-18-15-16(16)	24	253	224	298	64
118-016	Grounding electrode rod EZC-18-15-17(16)	25,5	268	237	316	64
118-017	Grounding electrode rod EZC-18-15-18(16)	27	283	251	334	64
118-018	Grounding electrode rod EZC-18-15-19(16)	28,5	299	264	352	64
118-019	Grounding electrode rod EZC-18-15-20(16)	30	314	278	370	64

**4.5 Execution X. Grounding electrode rod precast steel, electrochemical copper coating EZC-20-15-XX(18) (specifications 3435-002-80448513-08. Diameter of 18 mm. Length in the collection from 3 to 30 meters) (p. 65)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
116-001	Grounding electrode rod EZC-20-15-02(18)	3	44	39	52	65
116-002	Grounding electrode rod EZC-20-15-03(18)	4,5	63	56	74	65
116-003	Grounding electrode rod EZC-20-15-04(18)	6	82	73	97	65
116-004	Grounding electrode rod EZC-20-15-05(18)	7,5	101	90	120	65
116-005	Grounding electrode rod EZC-20-15-06(18)	9	121	107	142	65
116-006	Grounding electrode rod EZC-20-15-07(18)	10,5	140	124	165	65
116-007	Grounding electrode rod EZC-20-15-08(18)	12	159	141	188	65
116-008	Grounding electrode rod EZC-20-15-09(18)	13,5	178	158	210	65
116-009	Grounding electrode rod EZC-20-15-10(18)	15	202	179	239	65
116-010	Grounding electrode rod EZC-20-15-11(18)	16,5	222	196	261	65
116-011	Grounding electrode rod EZC-20-15-12(18)	18	241	213	284	65
116-012	Grounding electrode rod EZC-20-15-13(18)	19,5	260	230	307	65
116-013	Grounding electrode rod EZC-20-15-14(18)	21	279	247	329	65
116-014	Grounding electrode rod EZC-20-15-15(18)	22,5	298	264	352	65
116-015	Grounding electrode rod EZC-20-15-16(18)	24	318	281	375	65
116-016	Grounding electrode rod EZC-20-15-17(18)	25,5	337	298	397	65
116-017	Grounding electrode rod EZC-20-15-18(18)	27	356	315	420	65
116-018	Grounding electrode rod EZC-20-15-19(18)	28,5	375	332	443	65
116-019	Grounding electrode rod EZC-20-15-20(18)	30	394	349	465	65

**4.6 Execution XI. Grounding electrode rod precast steel, electrochemical copper coating EZC-20-15-XX(20) (specifications 3435-002-80448513-08. Diameter of 20 mm. Length in the collection from 3 to 30 meters) (p. 66)**

Code catalog	Name	Length,m	Wholesale price	Dealer price	Recommended selling price	No. page catalog
116-101	Grounding electrode rod EZC-20-15-02(20)	3	49	44	58	66
116-102	Grounding electrode rod EZC-20-15-03(20)	4,5	72	63	85	66
116-103	Grounding electrode rod EZC-20-15-04(20)	6	94	83	111	66
116-104	Grounding electrode rod EZC-20-15-05(20)	7,5	117	103	138	66
116-105	Grounding electrode rod EZC-20-15-06(20)	9	139	123	164	66
116-106	Grounding electrode rod EZC-20-15-07(20)	10,5	162	143	191	66
116-107	Grounding electrode rod EZC-20-15-08(20)	12	184	163	217	66
116-108	Grounding electrode rod EZC-20-15-09(20)	13,5	206	183	244	66
116-109	Grounding electrode rod EZC-20-15-10(20)	15	234	207	276	66
116-110	Grounding electrode rod EZC-20-15-11(20)	16,5	256	227	302	66
116-111	Grounding electrode rod EZC-20-15-12(20)	18	279	247	329	66
116-112	Grounding electrode rod EZC-20-15-13(20)	19,5	301	267	356	66
116-113	Grounding electrode rod EZC-20-15-14(20)	21	324	287	382	66
116-114	Grounding electrode rod EZC-20-15-15(20)	22,5	346	306	409	66
116-115	Grounding electrode rod EZC-20-15-16(20)	24	369	326	435	66
116-116	Grounding electrode rod EZC-20-15-17(20)	25,5	391	346	462	66
116-117	Grounding electrode rod EZC-20-15-18(20)	27	414	366	488	66
116-118	Grounding electrode rod EZC-20-15-19(20)	28,5	436	386	515	66
116-119	Grounding electrode rod EZC-20-15-20(20)	30	459	406	541	66