DALEKOVOD



oprema kontaktne mreže

contact network accessories

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DJELATNOST DALEKOVODA

DALEKOVOD d.d. već pola stoijeća projektira i gradi dalekovode i transformatorske stanice, te proizvodi ovjesnu i spojnu opremu, rešetkaste i rasvjetne stupove i drugu metalnu konstrukciju.

Projektiranje:
- niskonaponskih mreža,
- dalekovoda do 500 kV,
- transformatorskih stanica do 500 kV,
- rasvjete prometnica, sportskih terena i drugih objekata,
- stupova za dalekovode, antena, te čeličnih konstrukcija za druge namjene,
- kontaktne mreže za elektrifikaciju željeznica,
- podzemnih i podmorskih elektro-energetskih kabela

Proizvodnja:
- ovjesne i spojne opreme za dalekovode i transformatorske stanice do 500 kV,
- opreme za kontaktnu mrežu za elektrifikaciju željeznica,
- čelično rešetkastih stupova za dalekovode, antena, portala i postolja aparata za transformatorske stanice,
- poligonalnih limenih stupova za rasvjetu prometnica, sportskjh objekata, željezničih stanica i dr.,
- čeličnih konstrukcija raznih namjena,
- čeličnih zaštitnih ograda za cestovne prometnice,
- svih vrsta odljevaka od obojenih metala

Izgradnja:
- niskonaponskih mreža,
- srednjenaponskih vodova,
- visokonaponskih vodova do 500 kV,
- transformatorskih stanica do 500 kV,
- rasvjete prometnica i tunela,
- polaganje svih vrsta podzemnih i podmorskih kabela,
- montaža antena,
- montaža metalnih konstrukcija raznih namjena,
- montaža kontaktne mreže za elektrifikaciju željeznica,
- montaža odbojne ograde za prometnice,
- montaža opreme za ventilaciju u tunelima,
- montaža opreme za signalizaciju, zaštitu od požara i vatrodojavu na prometnicama kao i oprema za sustav daljinskog upravljanja.

Polustoljetno iskustvo u razvoju, konstrukciji i proizvodnii ovjesne i spojne opreme za dalekovode i transformatorske stanice, te rezultati ispitivanja i iskustvo iz izgradnje i eksploatacije daju garanciju kvalitete, pouzdanosti i funkcionainosti opreme u pogonu.
DALEKOVOD d.d. je jedna od vodećih svjetskih tvrtki za proizvodnju ovjesne i spojne opreme, potpuno izvozno orijentirana, tako da danas oko 80 % svojih proizvoda prodaje na medunarodnom tržištu.
Proizvodni program ovjesne i spojne opreme temelji se na vlastitom istraživanju, razvoju i unapređenju, tj. DALEKOVOD d.d. nema nikakvih licencnih obaveza.
Proizvodi koji su obuhvaćeni proizvodnim programom proizvode se u vlastitim proizvodnim pogonima i pri tome se koriste tehnologije kovanja, lijevanja, strojne obrade, varenja, pjeskarenja, plastificiranja, kompletaže i drugo.
DALEKOVOD d.d. u vlastitim radionicama izrađuje sve potrebne alate, naprave i pomagala koji su potrebni za navedene tehnološke procese.

ACTIVITES OF DALEKOVOD

For half of century DALEKOVOD d.d., a joint stock company, has been desifning, building and erecting transission lines and substations and has been manufacturing suspension and jointing equipment, steel lattice and lighting towers and other metal structures.

Designs:
- low voltage networks,
- transmision lines up to 500 kV,
- substations up to 500 kV,
- lighting of roads, sport grounds and other facilities,
- transmission line towers, antennas and steel structures for various purposes
- contact network for railway electrification,
- underground and submarine electro-energetic cables.

Production:
- suspension and jointing equipment for transmission lines and substations up to 500 kV,
- contract network accessories for railway electrification,
- steel lattice towers for transmission lines, antennas, portals and supports of electrical apparatus for substations
- polygonal and tube poles for lighting of roads, sport grounds, railway stations etc.,
- steel structures for various purposes,
- steel shock barriers for roads and highways,
- all type of nonferrous metal castings.

Erection:
- low voltage networks,
- medium voltage transmission lines,
- high voltage transmission lines up to 500 kV,
- substations up to 500 kV,
- road and tunnel lighting,
- laying of all types of underground and submarine cables,
- mounting of antennas,
- mounting of metal structures for various purposes,
- mounting of contract network for roads and highways,
- mounting of contract network for railway electrification,
- mounting of the equipment for tunnel ventilation,
- mounting of signalization, fire protection and fire alarm equipment on roads as well as remove control equipment.

Our half century long experience in development, design and production of suspension and jointing equipment, testing results and experience from building and servis of transmission lines are a guarantee of the quality, reliability and functionality of this equipment.
DALEKOVOD d.d. is today one of the leading worldwide companies in production of suspension and jointing equipment, mainly oriented for export, so that today about 80% of products is assigned for international market.
Production program of suspension and jointing accessories is established on own research, development and improvement, i.e. DALEKOVOD d.d. has not any licence obligations.
Products from our production program have been manifactured in own production workshops by means of technologies for forging, casting, mechanical processing, welding, sand blasting, hot dip galvanizing, mounting and other.
DALEKOVOD d.d. in own production has special tool workshop for production of all tools, devices and facilities witch are neccessary for quoted technologies.

Osiguranje kvalitete je organizirano prema odredbama standarda ISO 9001, a što predpostavlja angažiranost svih učesnika procesa rada te svih službi na postizanju kvalitete proizvoda.
Sva potrebna ispitivanja, razvojna, tipska i rutinska i ispitivanja pri tehničkim preuzimanjima, izvode se u vlastitim laboratorijima, tj. u elektro-mehaničkom i kemijskom laboratoriju te na ispitnim poligonima.
Ovaj katalog opreme kontaktne mreže za elektrifikaciju željeznica jednofaznog sustava 25 kV, 50 Hz sadrži crteže sklopova i sastavnih dijelova opreme kontaktne mreže električnih željeznica.
DALEKOVOD d.d. je specijalizirana tvrtka za projektiranje, konstruiranje, proizvodnju i montažu opreme kontaktne mreže za:

- elektrifikaciju novih željezničkih pruga
- zamjenu opreme pri održavanju postojeće kontaktne mreže

Oprema kontaktne mreže projektirana je u skladu sa preporukama i standardima razvijenih europskih zemalja.

DALEKOVOD d.d. ima dugogodišnje iskustvo u projektiranju i montaži kontaktnih mreža, a jednako tako u razvoju i proizvodnji opreme za ovaj tip električne mreže.
U katalogu su data tehnička rješenja za konzole, nosive konstrukcije i pričvrsnike, ovjesnu i zateznu opremu te opremu za vozni vod.

Za ovjesnu i spojnu opremu koja nije obuhvaćena katalogom potrebno je dostaviti zahtjev s odgovarajućom tehničkom dokumentacijom, a na temelju koje mogu se izraditi nacrte i ponudu zahtjevane opreme.

Quality assurance has been organized according to ISO 9001 standard regulations and it includes engagement of all participants in teh work process as well as all depar tments to achieve quality assurance.
All neccessary testing, developing, type, routine and testing at technical acceptance are carried out in electro-mechanical and chemical laboratories and testing fields.
This catalogue of contact network accessories for railway electrification of single phase system 25 kV, 50 Hz contains drawings of assemlies and relevant components of the contact network of electrical railways.
DALEKOVOD d.d. is specialized company for design, construction, production and erection of the contact network accessories for:

- electrification of new railways,
- replacement of accessories at mainfenance of the existing contact network

Contact network accessories is designed according to recommendations and standards of european countries.

DALEKOVOD d.d. has a long time experence in design and erection of contact networks, and also in development and production of the accessories for this type of network.
In catalogue has given technical solutions for cross arms, suspension structures and fasteners, suspension and tension accessories and contact line accessories.

For contact network accessories wich are stated in this catalogue it is neccessary to send a inquiry with relevant technical documentation as the base for preparation of drawings and complete offer.

ISO 9001



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of

Dalekovod
Zagreb and Associated Factories
Republic of Croatia

has been approved by Lloyd's Register Quality Assurance
to the following Quality Management System Standards:

ISO 9001:1994 DIN EN ISO 9001:1994 BS EN ISO 9001:1994

The Quality Management System is applicable to:

Design, manufacture and installation of electric power transmission lines up to 500 kV and telecommunication lines and towers, as well as steel structures, suspension and jointing equipment, including associated welding controls in accordance with the requirements of EN 729-2, and installation of electric sub-stations up to 500 kV.

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

Approval Certificate No: 120265

Original Approval: 6 March 1995
Current Certificate: 2 February 2001
Certificate Expiry: 14 December 2003

on behalf of LRQA

LLOYD'S REGISTER QUALITY ASSURANCE



POTVRDA O ODOBRENJU

Potvrđujemo da je Sustav upravljanja kakvoćom društva:

Dalekovod
Zagreb i pripadajući pogoni
Republika Hrvatska

odobren od Lloyd's Register Quality Assurance
prema slijedećim standardima za sustave upravljanja kakvoćom:

ISO 9001:1994 DIN EN ISO 9001:1994 BS EN ISO 9001:1994

Sustav upravljanja kakvoćom primjenjuje se na:

Projektiranje, proizvodnju i izgradnju elektroenergetskih prijenosnih vodova do 500 kV i telekomunikacijskih vodova i stupova kao i čeličnih konstrukcija, ovjesnog i spojnog materijala, uključujući pripadajuće aktivnosti zavarivanja prema zahtjevima EN 729-2, te izgradnju elektroenergetskih postrojenja do 500 kV.

Ova potvrda vrijedi samo uz Prilog potvrdi br. 120265 u kojem su navedena mjesta obavljanja djelatnosti na koje se odnosi ova odobrenja.

Potvrda o odobrenju br: 120265

Prvo odobrenje: 6. ožujka 1995.
Potvrda važeća: 2. veljače 2001.
Potvrda vrijedi do: 14. prosinca 2003.

za LRQA

LLOYD'S REGISTER QUALITY ASSURANCE

ISO 14001



CERTIFICATE OF APPROVAL

This is to certify that the Environmental Management System of

Dalekovod
Zagreb and Associated Factories
Republic of Croatia

has been approved by Lloyd's Register Quality Assurance
to the following Environmental Management System Standards:

ISO 14001 : 1996

The Environmental Management System is applicable to:

Design, manufacture and installation of electric power transmission lines up to 500 kV and telecommunication lines and towers, as well as steel structures, suspension and jointing equipment, including associated welding controls in accordance with the requirements of EN 729-2, and installation of electric sub-stations up to 500 kV.

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

Approval Certificate No: 120533

Original Approval: 3 February 2001
Current Certificate: 9 February 2001
Certificate Expiry: 19 February 2004

on behalf of LRQA (Netherlands)

LLOYD'S REGISTER QUALITY ASSURANCE



POTVRDA O ODOBRENJU

Potvrđujemo da je Sustav upravljanja okolišem društva:

Dalekovod
Zagreb i pripadajući pogoni
Republika Hrvatska

odobren od Lloyd's Register Quality Assurance
prema slijedećim standardima za sustave upravljanja okolišem:

ISO 14001:1996

Sustav upravljanja okolišem primjenjuje se na:

Projektiranje, proizvodnju i izgradnju elektroenergetskih prijenosnih vodova do 500 kV i telekomunikacijskih vodova i stupova kao i čeličnih konstrukcija, ovjesnog i spojnog materijala, uključujući pripadajuće aktivnosti zavarivanja prema zahtjevima EN 729-2, te izgradnju elektroenergetskih postrojenja do 500 kV.

Ova potvrda vrijedi samo uz Prilog potvrdi br. 120533 u kojem su navedena mjesta obavljanja djelatnosti na koje se odnosi ova odobrenja.

Potvrda o odobrenju br: 120533

Prvo odobrenje: 9. veljače 2001.
Potvrda važeća: 9. veljače 2001.
Potvrda vrijedi do: 19. veljače 2004.

za LRQA

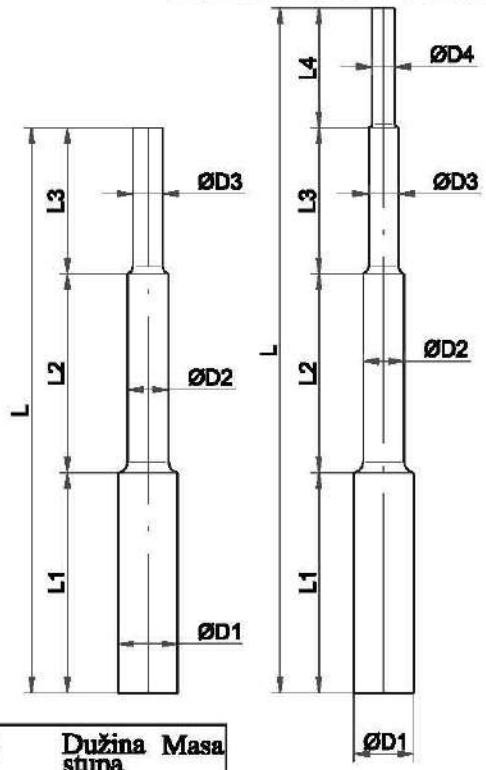
LLOYD'S REGISTER QUALITY ASSURANCE

1 NOSIVE KONSTRUKCIJE I PRIČVRSNICI

SUSPENSION STRUCTURES AND FASTENERS

CIJEVNI STUPOVI
TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

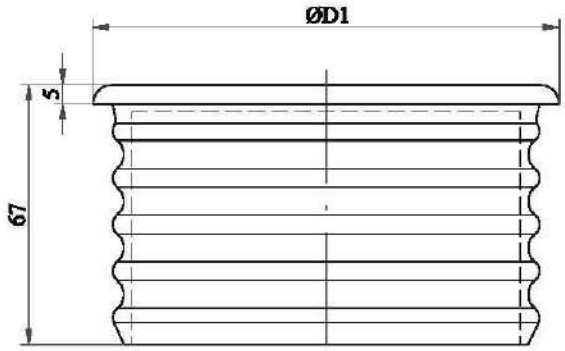


Kat.br. Cat. No.	Tip stupa Pole type	Debljina stijenke Pole tickness	Promjer segmenta Diameter				Dužina segmenta Length				Dužina stupa Pole length	Masa Mass
		(mm)	D1	D2 (mm)	D3	D4	L1	L2 (mm)	L3	L4	L (mm)	(kg)
101300	Z1	5,5	193,7	150	120		4200	2300	2500		9000	199
101400	Z2	5,5	219,1	180	135		4200	2300	2500		9000	229
101500	Z3	6,0	219,1	180	135		4200	2300	2500		9000	249
101600	Z4	5,5	244,5	200	165		4200	2300	2500		9000	260
101700	Z5	7,0	323,9	230	165		4200	2300	2500		9000	385
101800	Z6	5,5	273,0	210	165	135	4200	2300	2600	1900	11000	324
101900	Z7	7,0	323,9	230	165	135	4200	2300	2600	1900	11000	440
104900	Z10	4,5	152	127	102		4000	2500	1500		8000	116
104800	Z11	7,0	305				4200				4200	230

Kat.br. Cat. No.	Tip stupa Pole type	Debljina stijenke Pole tickness	Promjer segmenta Diameter			Dužina segmenta Length			Dužina stupa Pole length	Masa Mass
		(mm)	D1	D2 (mm)	D3	L1	L2 (mm)	L3	L (mm)	(kg)
	SO1	5,25	177,8	154	130	3900	2500	2350	8750	186
	SO2	6,0	193,7	159	130	4000	2500	2350	8850	232
	SO3	6,3	244,5	191	159	4300	2500	2350	9150	285
	SO4	6,5	267,0	191	159	4400	2500	2350	9250	353
	SO5	6,3	244,5	191	159	4400	2500	2250	9150	292
	SO6	7,1	244,5	191	159	4500	2400	2250	9150	344
	SO7	7,1	267,0	191	159	4600	2400	2250	9250	370
	SO8	4,5	267,0	216	159	4600	2500	2250	9350	498
	SO11	8,8	244,5	219,1	159	6300	4500	1700	12350	615
	SO12	11,0	267,0	193,7	159	6500	4500	1700	12500	789
	SO13	7,1	267,0	193,7		11200	1700		12700	599
	SO14	11,0	267,0	193,7		11200	1700		12900	926

ČEP ZA CIJEVNI STUP
STOPPER FOR TUBULAR POLES

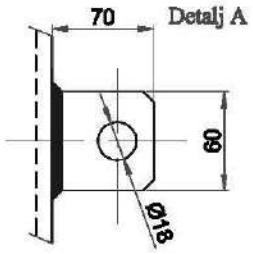
Materijal: PVC
Material : PVC

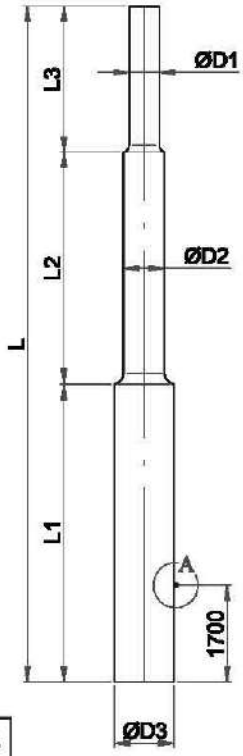


Kat.br. Cat. No.	Za stup For tubular pole	Promjer Diameter D_1 (mm)
64.101.400A	Ø102	102
64.101.400B	Ø120	120
64.101.400C	Ø130	130
64.101.400D	Ø135	135
64.101.400E	Ø160	160
64.101.400F	Ø165	165
64.101.400G	Ø216	216

CIJEVNI STUPOVI
TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

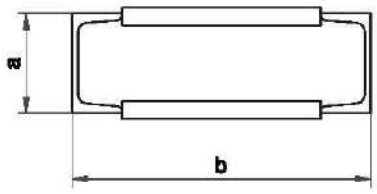




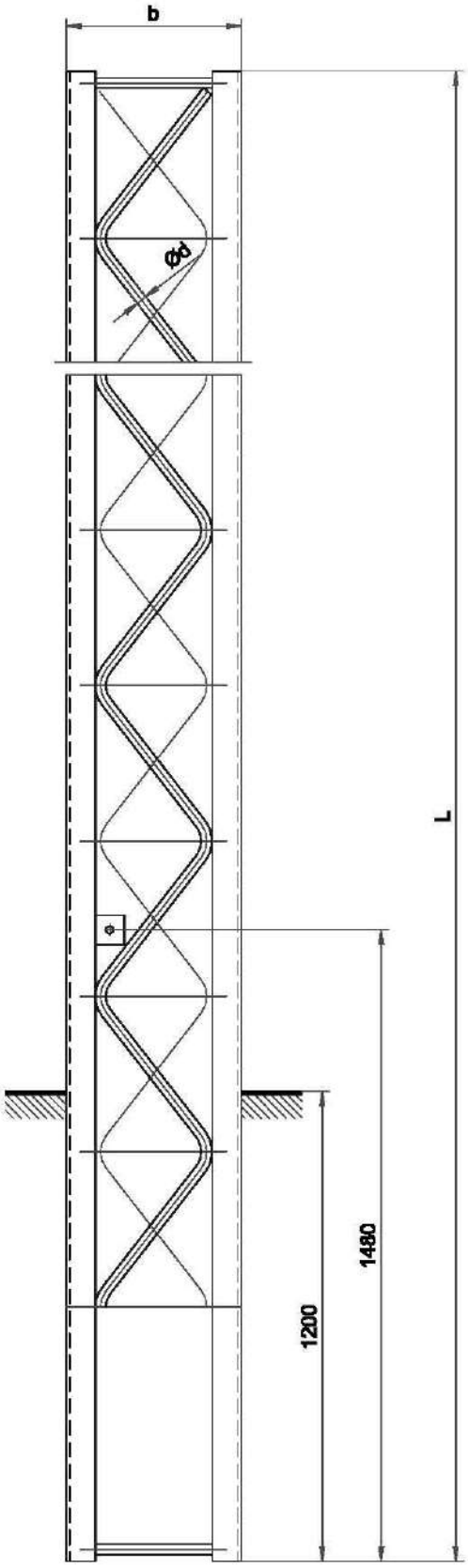
Kat.br. Cat. No.	Tip stupa Pole type	Debljina stijenke Pole thickness (mm)	Promjer segmenta Diameter D1 (mm)	D2 (mm)	D3	Dužina segmenta Length L1 (mm)	L2 (mm)	L3	Dužina stupa Pole length L (mm)	Masa Mass (kg)
	M34	5	130	190	241	3900	2800	2200	8900	213
	M46	7	130	190	241	3900	2800	2200	8900	283
	M57	9	130	190	241	3900	2800	2200	8900	370
	M34e	5	130	190	241	4200	2800	2200	9200	223
	M46e	7	130	190	241	4200	2800	2200	9200	295
	M57e	9	130	190	241	4200	2800	2200	9200	386
	M110k	7	216	267	318	4900	3550	750	9200	503
	M110	7	216	267	318	6000	3550	1450	11000	550
	M135	8,5	216	267	318	6000	3550	1450	11000	660
	M160	10	216	267	318	6000	3550	1450	11000	770
	M4	5,5	100	120	140	4300	2500	2000	8800	145
	M8	9	160	215	270	6000	3550	1450	11000	570
	M8a	9	160	215	270	4750	3550	1200	9500	488
	M8d	9	160	215	270	6000	3550	3450	13000	635
	M13	6	130	160	184	4200	2750	2250	9200	240
	M14	6,5	130	190	230	4200	2750	2250	9200	310
	M18	6	160	215	270	4650	3550	1200	9400	361
	M26d	5	130	190	229	3700	2750	2250	8700	196
	M27d	5,5	130	190	229	3700	2750	2250	8700	221
	M28d	6,5	130	190	229	3700	2750	2250	8700	260

ČELIČNO REŠETKASTI STUPOVI OD 2 U PROFILA
LATICE POLE OF TWO U PROFILES

Materijal: èelik DIN 17100, vruæe pocinèan
Material : steel DIN 17100, hot dip galvanized

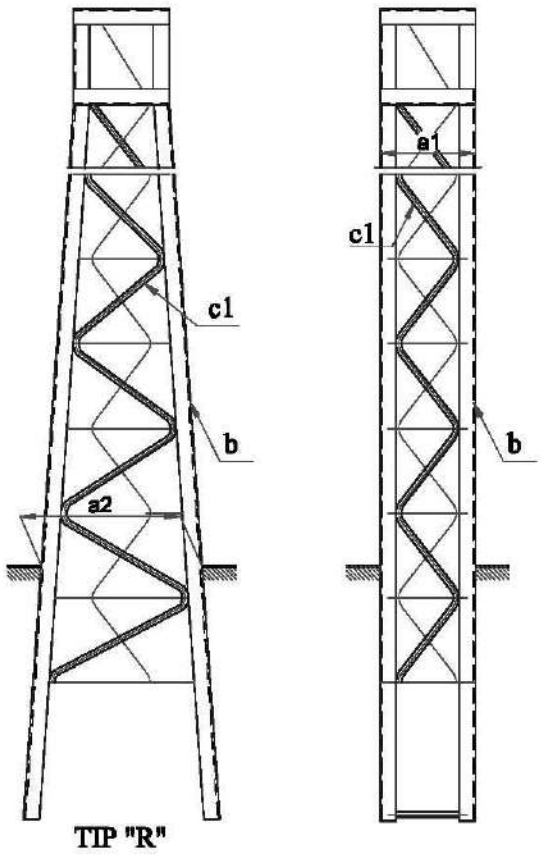


Kat.br. Cat. No.	Tip stupa Column type	Profil Profile	Dimenzije Dimensions a	b (mm)	d	Dužina stupa Pole length L (mm)	Masa Mass (kg)
100100	U8	U8	80	300	13	9100	200
100200	U10	U10	100	300	15	9100	235
100300	U12	U12	120	300	17	9100	290
100400	U12V	U12	120	300	17	11000	350
100500	U14	U14	140	350	19	9100	355
100600	U14V	U14	140	350	19	11000	430
100700	U16	U16	160	350	20	9100	410
100800	U16V	U16	160	350	20	11000	495
100900	U18	U18	180	400	21	9100	480
101000	U18V	U18	180	400	21	11000	580
101100	U20	U20	200	400	21	9100	
101200	U20V	U20	200	400	22	11000	660

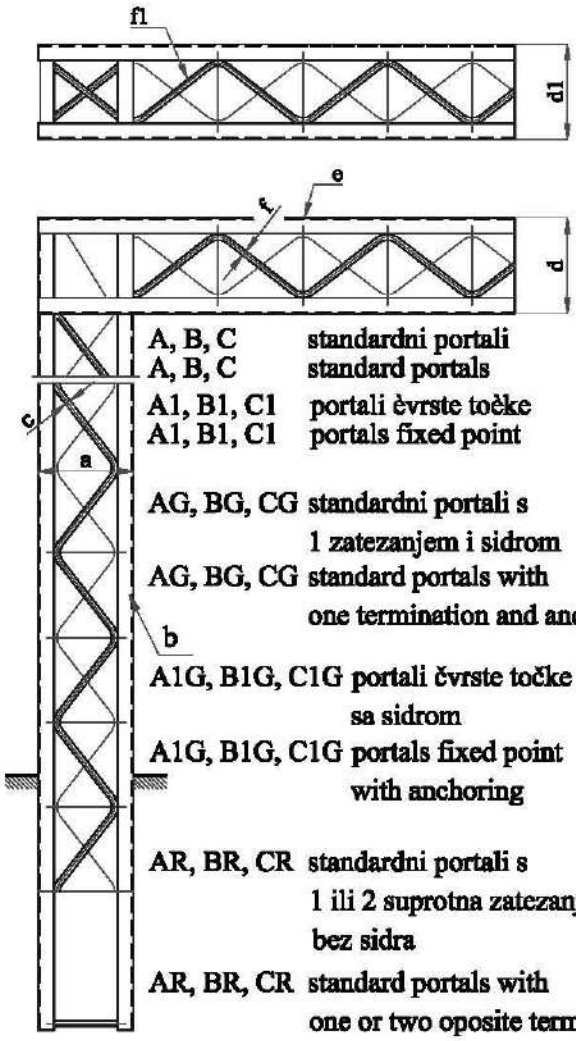


KRUTI PORTALI OD 4 L PROFILA
RIGIDE PORTALS OF 4 L PROFILES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



TIP "R"



A, B, C standardni portali
A, B, C standard portals
A1, B1, C1 portali čvrste točke
A1, B1, C1 portals fixed point

AG, BG, CG standardni portali s 1 zatezanjem i sidrom
AG, BG, CG standard portals with one termination and anchoring

A1G, B1G, C1G portali čvrste točke sa sidrom
A1G, B1G, C1G portals fixed point with anchoring

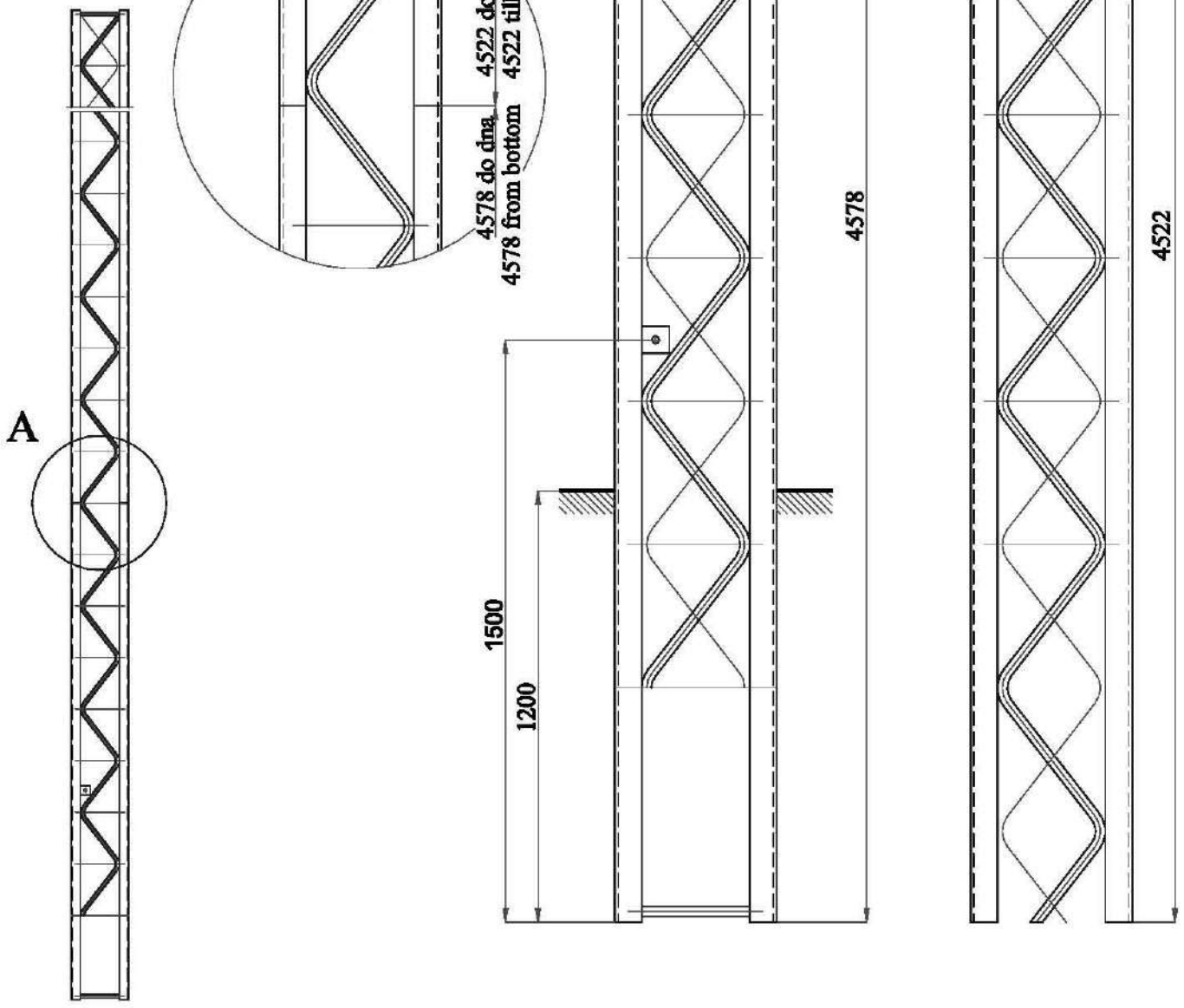
AR, BR, CR standardni portali s 1 ili 2 suprotna zatezanja bez sidra
AR, BR, CR standard portals with one or two oposite termination without anchoring

Kat.br. / Cat.No.	Tip stupa / Column type	Tip portala/ Portal type	Raspon / Span	Stup / Column								Greda / Beam		
				a	b	c	a1	a2	c1	d	e	f	d1	f1
			(m)	(mm)									(mm)	
		A		400	L60x6	Ø16	480		Ø16					
102800	A	AG	14-22	400	L65x7	Ø16	480		Ø16	480	L60x6	Ø16	480	Ø16
		AR		400	L80x10	Ø16	480	1100	L45x5					
103100	A1	A1		430	L75x10	Ø16	1000		L45x5					
		A1G	14-22	430	L80x10	Ø16	1000		L45x5	510	L75x10	Ø16	1000	L50x6
		B		500	L70x7	Ø18	700		L45x5					
102900	B	BG	18,5-27	500	L70x9	Ø18	700		L45x5	700	L70x7	Ø18	700	L45x5
		BR		500	L90x11	Ø18	700	1200	L50x5					
103200	B1	B1		520	L80x12	Ø18	1200		L55x6					
		B1G	18,5-27	520	L90x11	Ø18	1200		L55x6	720	L80x12	Ø18	1200	L55x6
		C		600	L80x10	L45x5	920		L45x5					
103000	C	CG	24-36	600	L80x10	L45x5	920		L45x5	920	L80x10	L50x5	920	L45x5
		CR		600	L100x10	L45x5	920	1300	L55x6					
103300	C1	C1		650	L100x10	L45x5	1400		L55x6					
		C1G	24-36	650	L100x12	L45x5	1400		L55x6	950	L100x10	L50x5	1400	L60x6

STUPOVI ZA SIDRENJE OD 2 U PROFILA
ANCHORING TOWER OF 2 U PROFILS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat.br. Cat. No.	Tip stupa Column type	Profil Profile	Dimenzije Dimensions a (mm)	Masa Mass A=B (kg)
104401	U14	U NP 14	350	177,5
104501	U16	U NP 16	350	205,0
104601	U18	U NP 18	400	240,0
104701	U20	U NP 20	400	270,0
104801	U12	U NP 12	300	

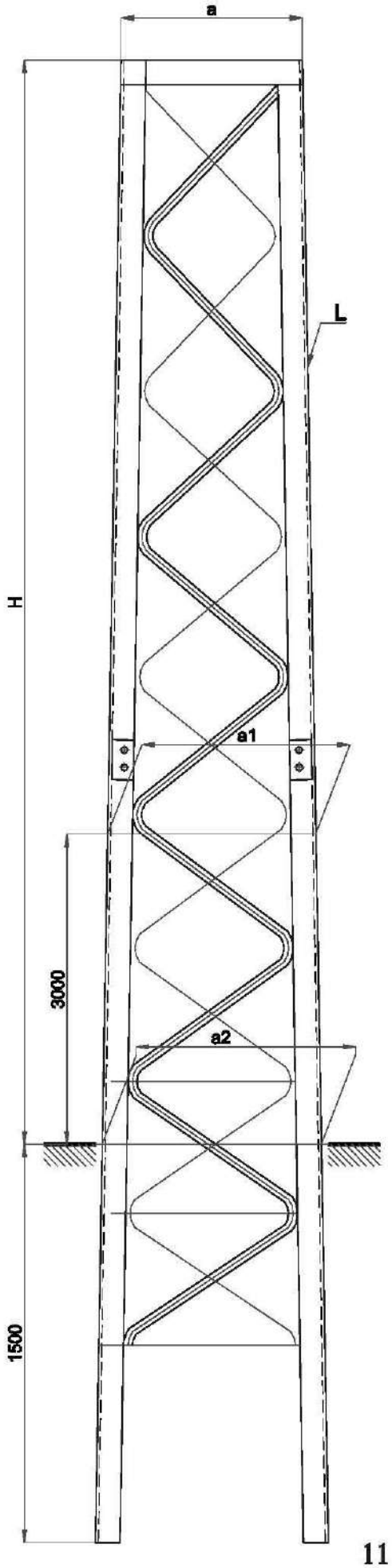


STUPOVI GIPKOG PORTALA
FLEXIBLE PORTAL TOWER

Materijal: čelik DIN 17100, vruće pocinčan

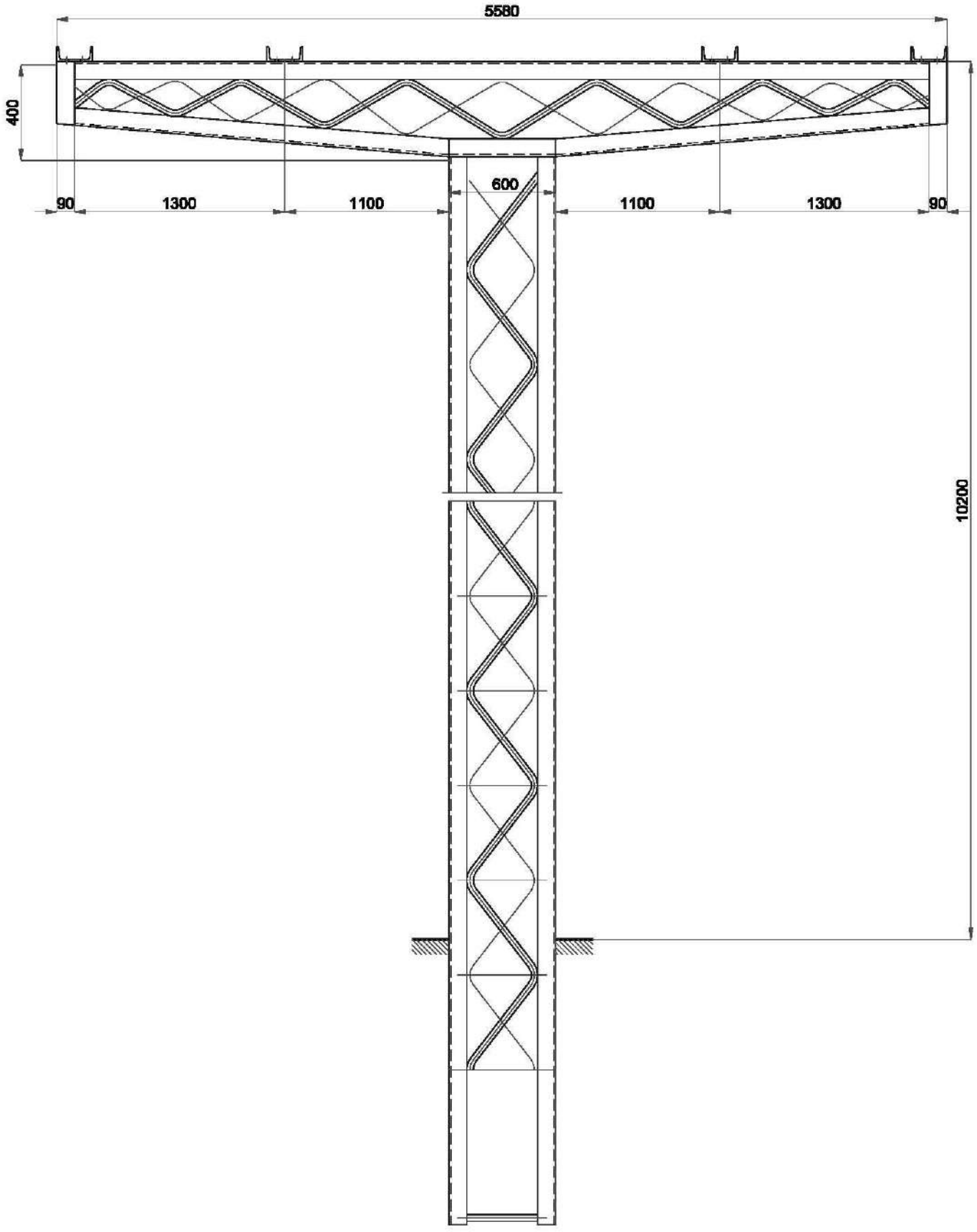
Material : steel DIN 17100, hot dip galvanized

Kat.br. / Cat. No.	Tip stupa / Column type	Dimenzije / Dimensions				L profil / L profile
		H (m)	a	a1 (mm)	a2	
64.105.100	A	10,5	390	690	810	75x75x8
	B	11,5	390	730	850	80x80x10
64.105.200	A	10,5	390	690	810	75x75x8
	B	11,5	390	730	850	90x90x9
	C	12,5	390	770	890	90x90x9
	D	13,5	390	810	930	90x90x9
64.105.300	A	10,5	438	768	900	80x80x8
	B	11,5	438	812	944	90x90x11
	C	12,5	438	856	988	90x90x11
	D	13,5	438	900	1032	90x90x11
64.105.400	A	10,5	520	880	1024	100x100x10
	B	11,5	520	928	1072	110x110x10
	C	12,5	520	976	1120	110x110x10
	D	13,5	520	1024	1168	110x110x10
	E	14,5	520	1072	1216	110x110x10
	F	15,5	520	1120	1264	110x110x10
64.105.500	C	12,5	500	956	1100	120x120x11
	D	13,5	500	1024	1004	130x130x12
	E	14,5	500	1052	1196	130x130x12
	F	15,5	500	1100	1244	130x130x12
64.105.600	D	13,5	490	1120	1300	120x120x11
	E	14,5	490	1180	1360	130x130x12
	F	15,5	490	1240	1420	130x130x12
64.105.700	K	18,5	490	1420	1600	120x120x11
	L	19,5	490	1480	1660	130x130x14



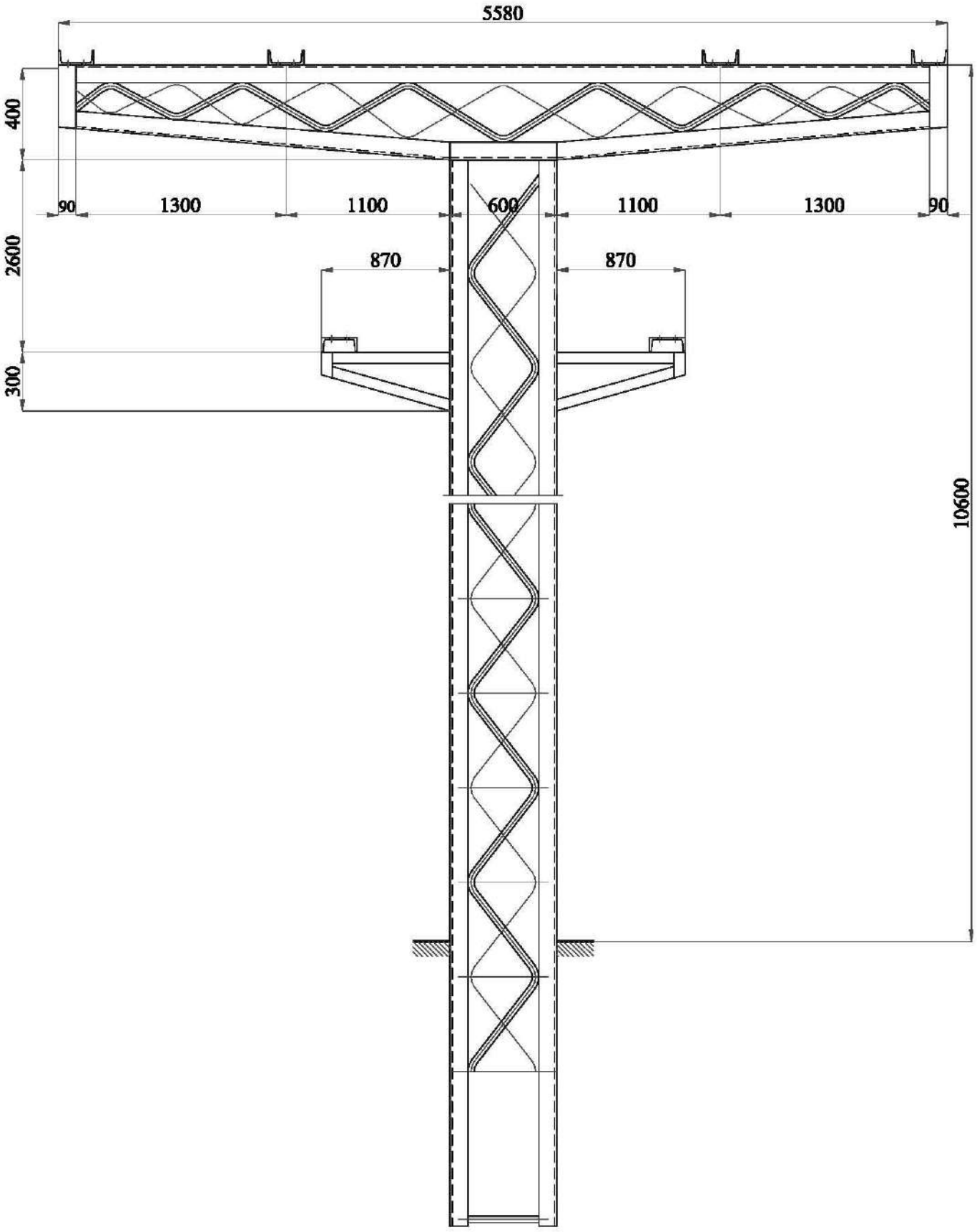
STUP POPREČNE VEZE P1
TRANSVERSAL TIE TOWER

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

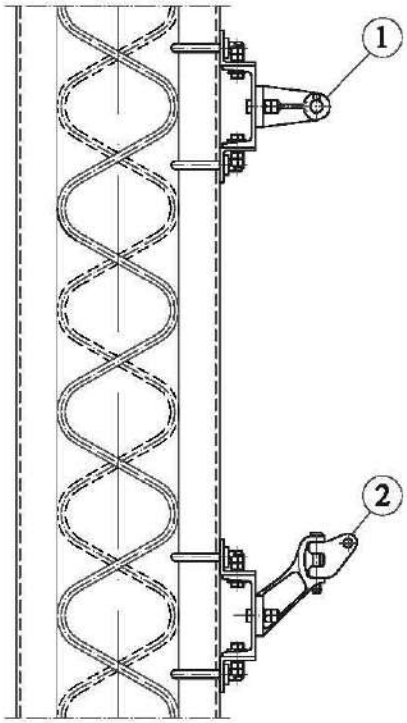


STUP POPREČNE VEZE P2
TRANSVERSAL TIE TOWER P2

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



PRIČVRŠĆENJE JEDNE KONZOLE ZA STUP OD 2U PROFILA
CANTILEVER ATTACHMENT ON U TOWERS



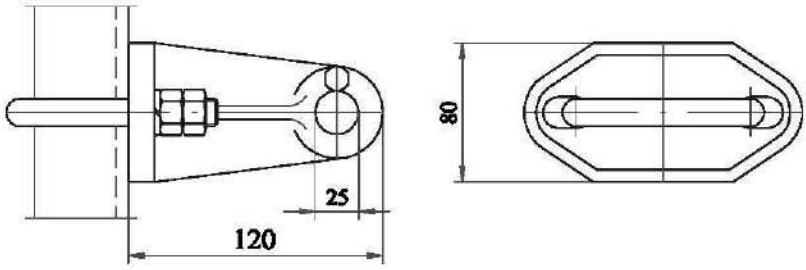
64.001.001

Poz. Item	Naziv sklopa Description
1	Pričvrsnik zatege za U stup Multipurpose small top member attachment for U towers
2	Zglobni pričvrsnik kosnika za U stup Multipurpose small sized struit member attachment for U towers

PRIČVRSNIK ZATEGE ZA "U" STUP
MULTIPURPOSE SMALL TOP MEMBER ATTACHMENT FOR "U" TOWER

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

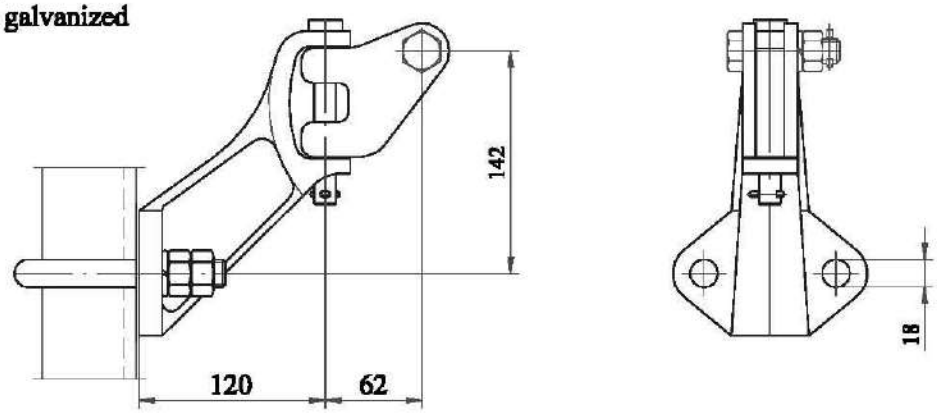
Kat. br. Cat. No.	Za stup For column	Masa Mass [kg]
64.110.100	U8	2,19
64.110.200	U10	2,23
64.110.300	U12	2,48
64.110.400	U14	2,52
64.110.500	U16	2,78
64.110.600	U18	2,82
64.110.700	U20	3,07
64.120.400	U6,5	1,75



ZGLOBNI PRIČVRSNIK KOSNIKA ZA "U" STUP
STRUT MEMBER ATTACHMENT FOR "U" TOWER

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

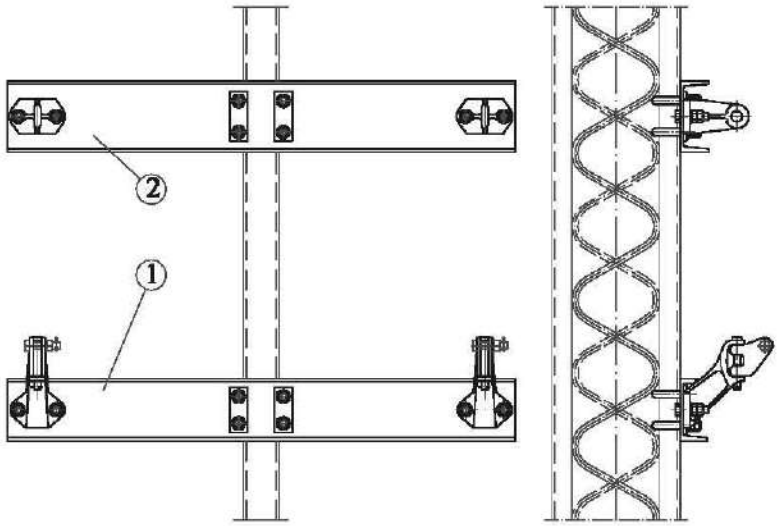
Kat. br. Cat. No.	Za stup For column	Masa Mass [kg]
64.110.900	U8	2,19
64.111.000	U10	2,23
64.111.100	U12	2,48
64.111.200	U14	2,52
64.111.300	U16	2,78
64.111.400	U18	2,82
64.111.500	U20	3,07



PRIČVRŠĆENJE DVOSTRUKE KONZOLE ZA STUP OD 2U PROFILA
DOUBLE CANTILEVER ATTACHMENT ON U TOWER

64.001.002

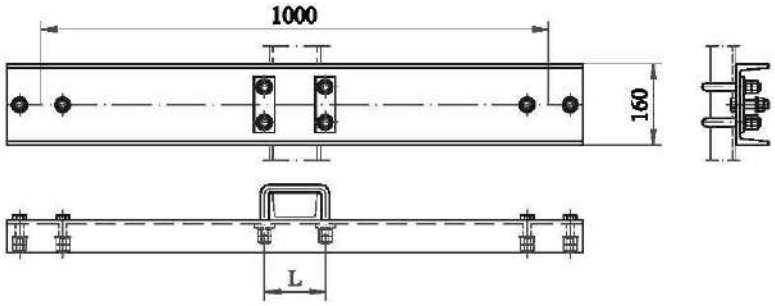
Poz. Item	Naziv sklopa Description
1	Nosač zglobnog pričvrsnika kosnika dvostruke konzole za U stup Support for strut member attachment of double crossarm for U towers
2	Nosač pričvrsnika zatege dvostruke konzole za U stup Support for top member attachment of double crossarm for U towers



NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA DVOSTRUKE KONZOLE ZA "U" STUP
SUPPORT FOR STRUT MEMBER ATTACHMENT OF DOUBLE CROSSARM FOR U TOWERS

Materijal: èelik DIN 17100, vruæe pocinèan
Material : steel DIN 17100, hot dip galvanized

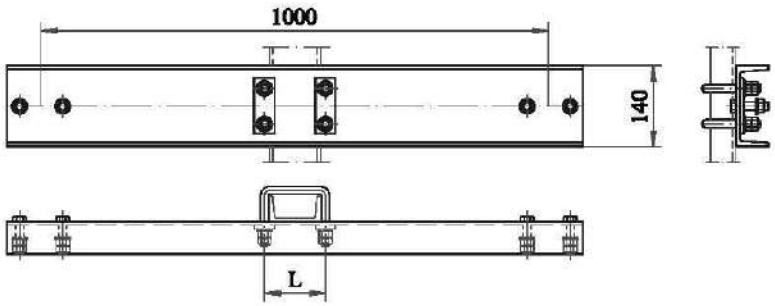
Kat. br. Cat. No.	Za stup For column	L	Masa Mass [kg]
64.112.300	U10	120	24,92
64.112.400	U12	140	25,00
64.112.500	U14	160	25,10
64.112.600	U16	180	25,22
64.112.700	U18	200	25,30
64.112.800	U20	220	25,40
64.120.600	U6,5	85	23,10
64.122.800	U8	100	23,64



NOSAČ PRIČVRSNIKA ZATEGE DVOSTRUKE KONZOLE ZA "U" STUP
SUPPORT FOR TOP MEMBER ATTACHMENT OF DOUBLE CROSSARM FOR U TOWERS

Materijal: èelik DIN 17100, vruæe pocinèan
Material : steel DIN 17100, hot dip galvanized

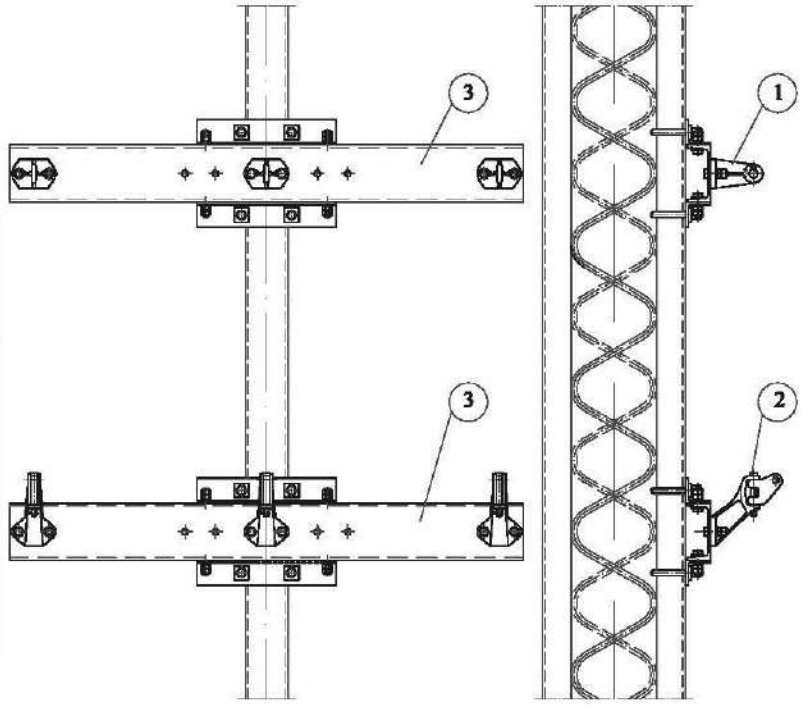
Kat. br. Cat. No.	Za stup For column	L	Masa Mass [kg]
64.120.700	U6,5	85	14,30
64.122.900	U8	100	21,04
64.112.900	U10	120	21,05
64.113.000	U12	140	21,14
64.113.100	U14	160	21,16
64.113.200	U16	180	21,34
64.113.300	U18	200	21,42
64.113.400	U20	220	21,50



PRIČVRŠĆENJE TROSTRUKE KONZOLE ZA STUP OD 2U PROFILA
TRIPLE CANTILEVER ATTCHMENT ON U TOWER

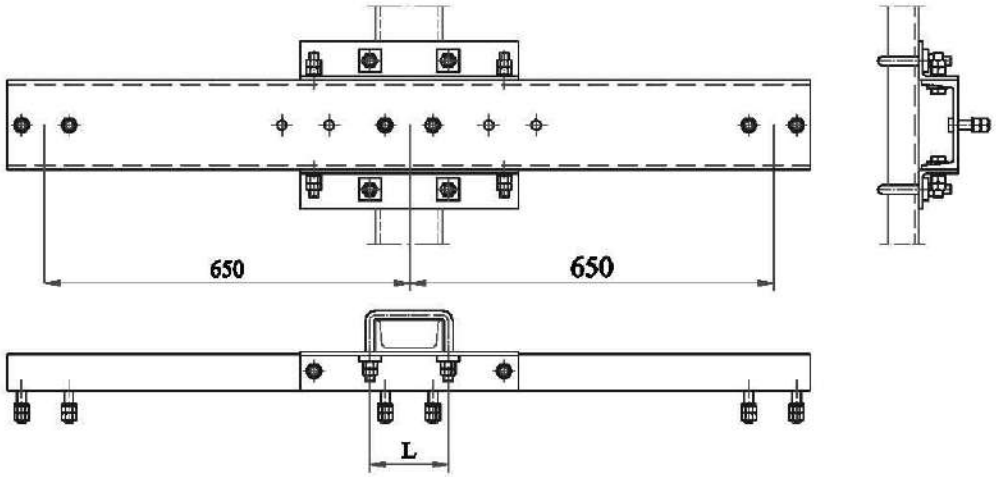
64.001.003

Poz. Item	Naziv sklopa Description
1	Pričvrsnik zatege 85 Top member attachment 85
2	Zglobni pričvrsnik kosnika 85 Strut member attachment 85
3	Nosač trostruke konzole za U stup Assembly for triple cantilever attachment for U tower



NOSAČ TROSTRUKE KONZOLE ZA U STUPOVE
ASSEMBLY FOR TRIPLE CANTILEVER ATTACHMENT FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



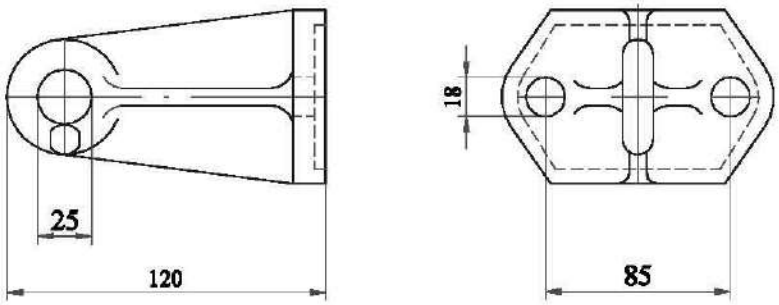
Kat. br. Cat. No.	Za stup For column	L [mm]	Masa Mass [kg]
64.123.000	U8	100	36,90
64.121.100	U12	140	36,97
64.121.200	U14	160	37,05
64.121.300	U16	180	37,17
64.121.400	U18	200	37,25
64.121.500	U20	220	37,85

PRIČVRSNIKA ZATEGE 85
TOP MEMBER ATTACHMENT 85

64.110.800

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 1,10 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 1,10 kg

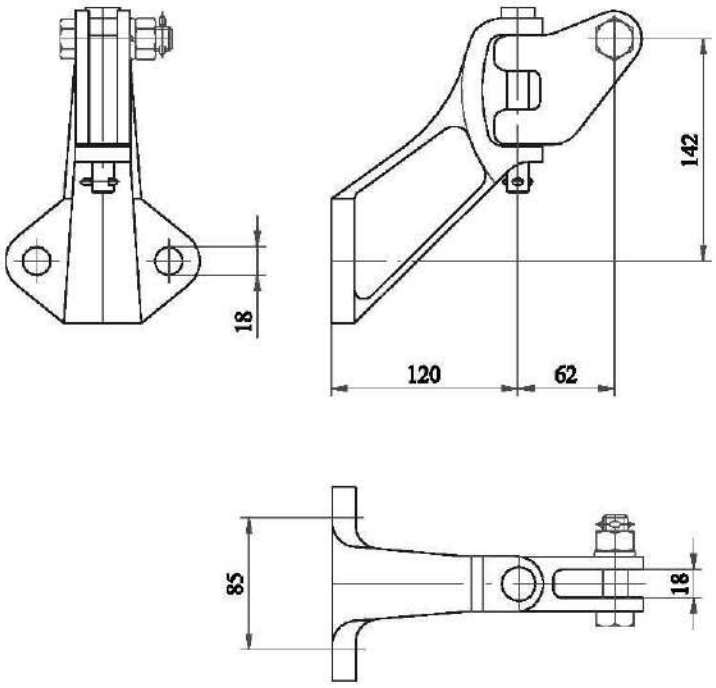


ZGLOBNI PRIČVRSNIKA KOSNIKA 85
STRUT MEMBER ATTACHMENT 85

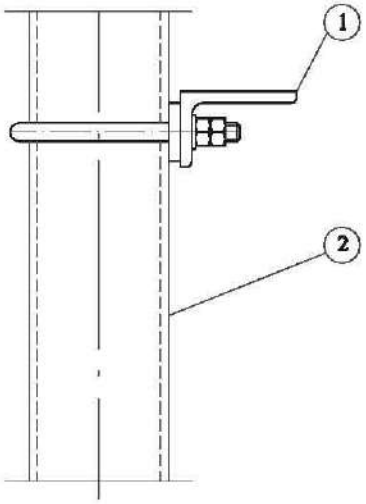
64.111.600

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,42 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 3,42 kg



PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA NA STUP OD 2U PROFILA
FIXED TERMINATION ATTACHMENT FOR U TOWER

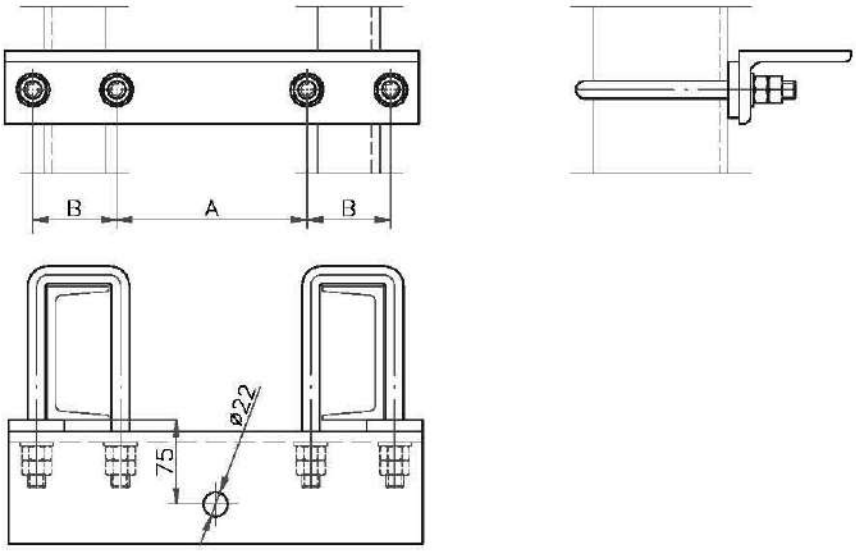


64.001.004

Poz. Item	Naziv sklopa Description
1	Pričvrsnik čvrstog zatezanja za U stup Fixed termination attachment for U tower
2	Stup od 2 U profila U tower

PRIČVRSNIK ČVRSTOG ZATEZANJA ZA U STUPOVE
FIXED TERMINATION ATTACHMENT FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

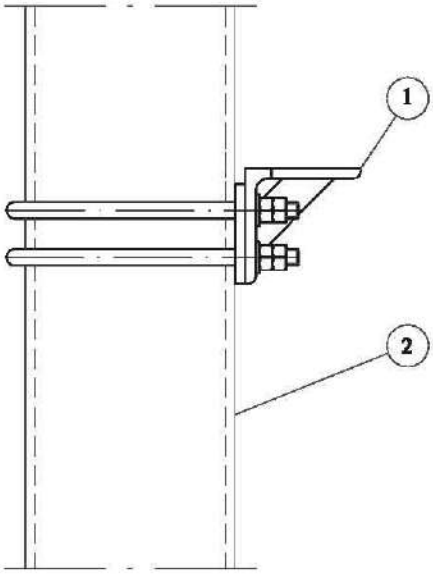


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	 B [mm]	Masa Mass [kg]
64.113.900	U12	170	75	6,45
64.114.000	U14	200	85	8,85
64.114.100	U16	200	85	8,95
64.114.200	U18	230	95	9,85
64.113.300	U20	230	95	9,95

PRIČVRŠĆENJE OPREME AUTOMATSKOG ZATEZANJA NA STUP OD 2U PROFILA
REGULATED TERMINATION ATTACHMENT ON U TOWER

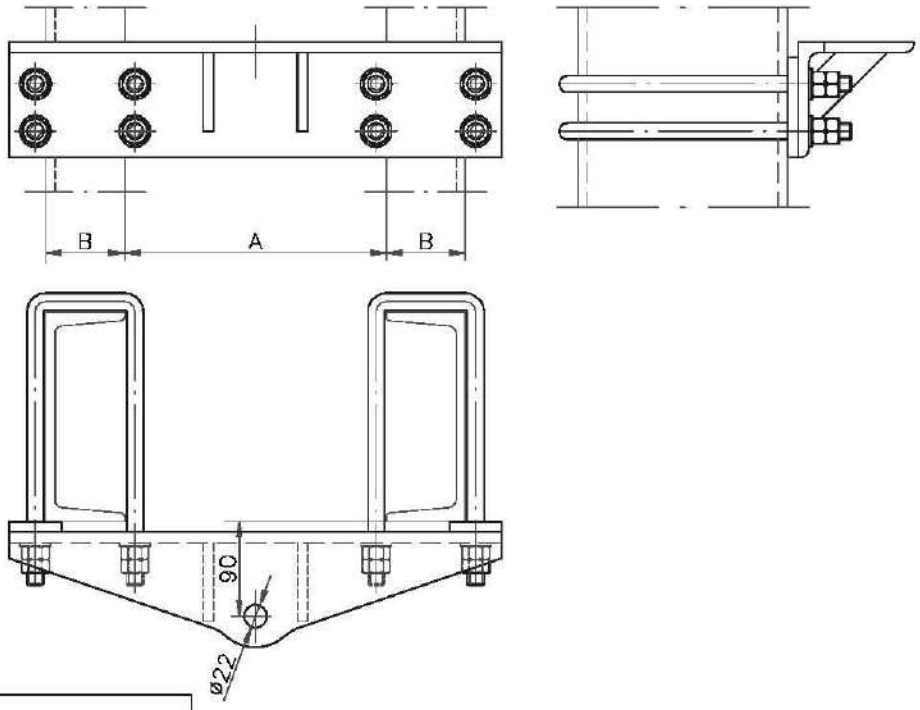
64.001.005

Poz. Item	Naziv sklopa Description
1	Pričvrsnik automatskog zatezanja za U stup Regulated termination attachment for U tower
2	Stup od 2 U profila U tower



PRIČVRSNIK AUTOMATSKOG ZATEZANJA ZA U STUP
REGULATED TERMINATION ATTACHMENT FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

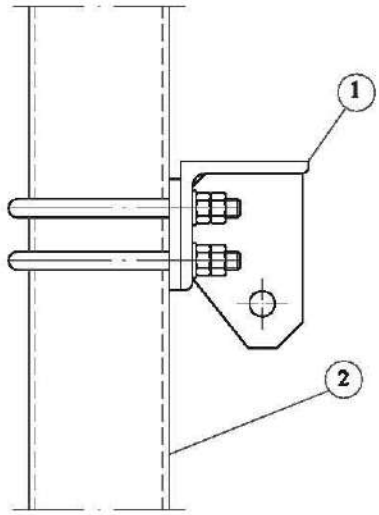


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	 B	Masa Mass [kg]
64.114.600	U12	170	75	9,60
64.114.700	U14	200	85	11,90
64.114.800	U16	200	85	12,30
64.114.900	U18	230	95	12,40
64.115.000	U20	230	95	12,70

PRIČVRŠĆENJE SIDRA NA STUP OD 2U PROFILA
MAST ANCHOR ATTACHMENT FOR U TOWER

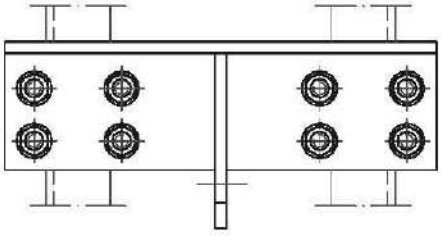
64.001.006

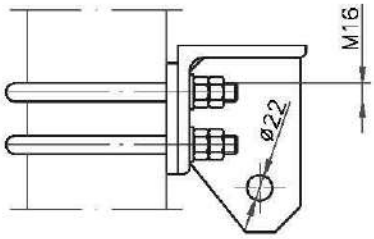
Poz. Item	Naziv sklopa Description
1	Pričvrsnik sidra za U stup Mast anchor for U tower
2	Stup od 2 U profila U tower

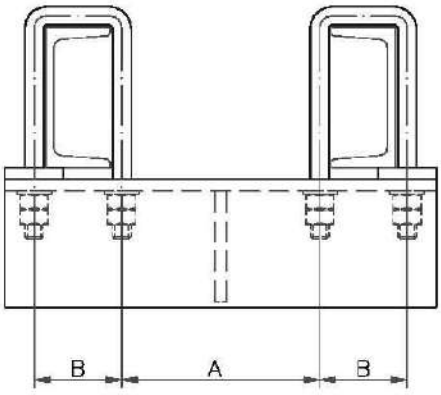


PRIČVRSNIK SIDRA ZA U STUP
MAST ANCHOR ATTACHMENT FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

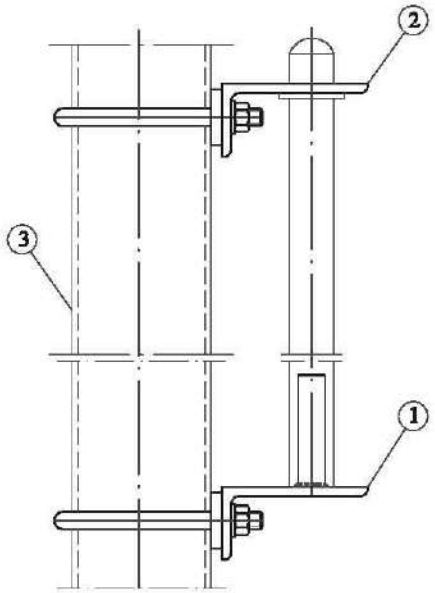






Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	B [mm]	Masa Mass [kg]
64.115.300	U10	170	75	11,60
64.115.400	U12	170	75	11,80
64.115.500	U14	200	85	12,75
64.115.600	U16	200	85	12,95
64.115.700	U18	230	95	14,20
64.115.800	U20	230	95	14,50

PRIČVRŠĆENJE VODILICE UTEGA NA STUP OD 2U PROFILA
ATTACHMENT OF GUIDE WEIGHT ON U TOWER

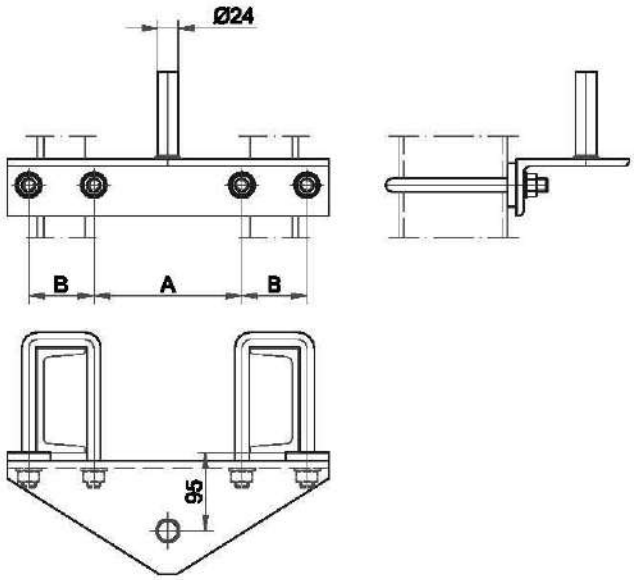


64.001.007

Poz. Item	Naziv sklopa Description
1	Donji pričvrsnik vodilice utega za U stup Lower fastener of guide weight for U tower
2	Gornji pričvrsnik vodilice utega za U stup Upper fastener of guide weight for U tower
3	Stup od 2 U profila U tower

DONJI PRIČVRSNIK VODILICE UTEGA ZA "U" STUP
LOWER FASTENER OF GUIDE WEIGTH FOR U TOWERS

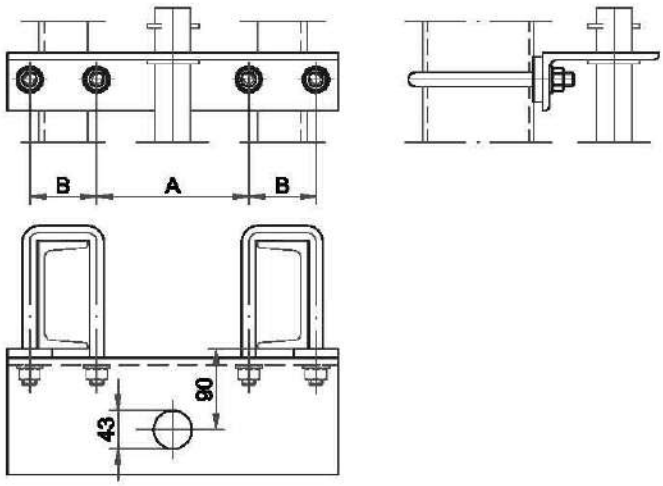
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	B	Masa Mass [kg]
64.116.100	U12	170	75	7,90
64.116.200	U14	200	85	8,70
64.116.300	U16	200	85	8,80
64.116.400	U18	230	95	9,70
64.116.500	U20	230	95	9,85

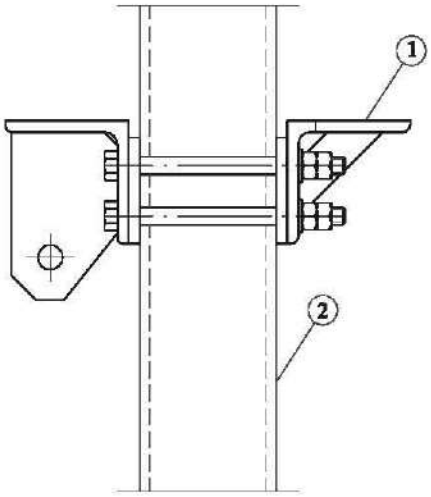
GORNJI PRIČVRSNIK VODILICE UTEGA ZA "U" STUP
UPPER FASTENER OF GUIDE WEIGTH FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	B	Masa Mass [kg]
64.116.600	U12	170	75	7,00
64.116.700	U14	200	85	7,80
64.116.800	U16	200	85	7,90
64.116.900	U18	230	95	8,75
64.117.000	U20	230	95	8,90

ZAJEDNIČKO PRIČVRŠĆENJE OPREME AUTOMATSKOG ZATEZANJA I SIDRA NA STUP OD 2U PROFILA
ATTACHMENT OF REGULATED TERMINATION AND MAST ANCHOR ON U TOWER

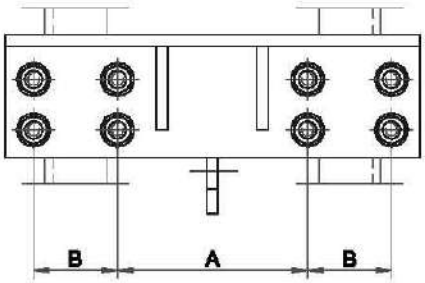


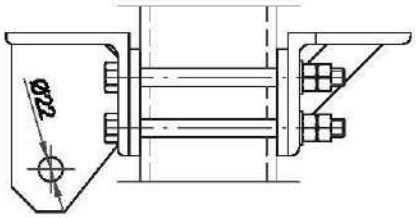
64.001.008

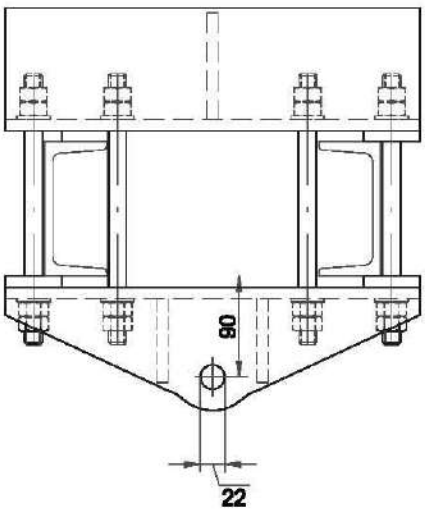
Poz. Item	Naziv sklopa Description
1	Pričvrsnik automatskog zatezanja i sidra za U stup Regulated termination attachment and mast anchor attachment for U tower
2	Stup od 2 U profila U tower

PRIČVRSNIK AUTOMATSKOG ZATEZANJA I SIDRA ZA "U" STUP
REGULATED TERMINATION ATTACHMENT AND MAST ANCHOR ATTACHMENT FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



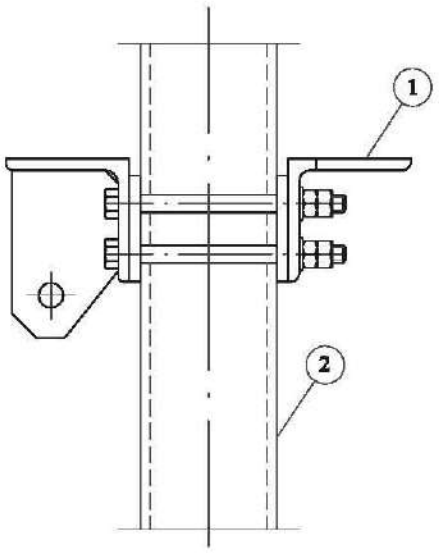




Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	B	Masa Mass [kg]
64.118.700	U12	170	75	17,36
64.118.800	U14	200	85	20,63
64.118.900	U16	200	85	20,83
64.119.000	U18	230	95	22,04
64.119.100	U20	230	95	22,10

ZAJEDNIČKO PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA I SIDRA NA STUP OD 2U PROFILA

ATTACHMENT OF FIXED TERMINATION AND MAST ANCHOR

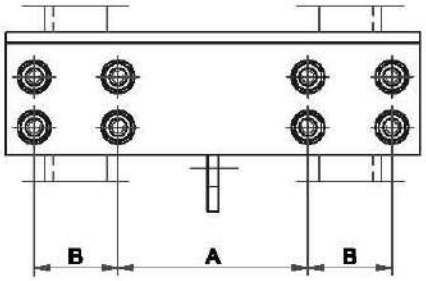


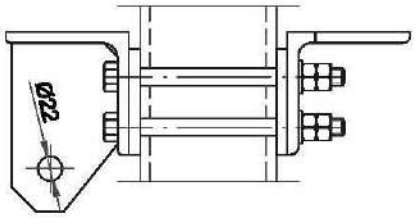
64.001.009

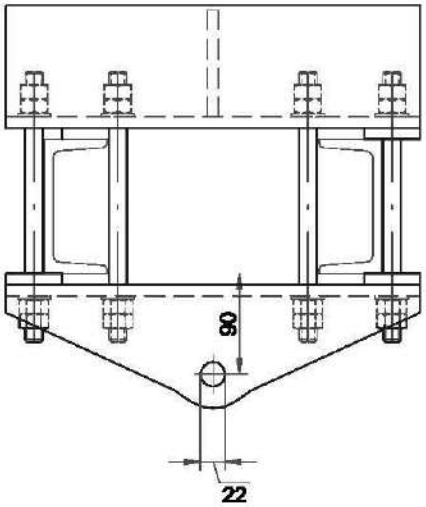
Poz. Item	Naziv sklopa Description
1	Pričvrsnik čvrstog zatezanja i sidra za U stup Fixed termination attachment and mast anchor attachment for U tower
2	Stup od 2 U profila U tower

PRIČVRSNIK ČVRSTOG ZATEZANJA I SIDRA ZA "U" STUP
FIXED TERMINATION ATTACHMENT AND MAST ANCHOR ATTACHMENT FOR U TOWERS

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

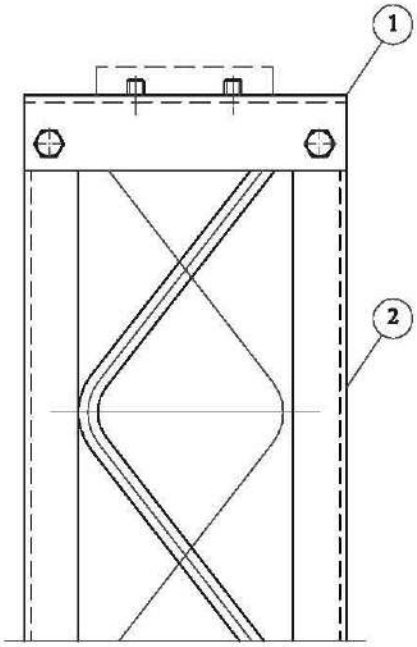






Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions A [mm]	B	Masa Mass [kg]
64.121.000	U10	170	75	18,50
64.119.200	U12	170	75	18,50
64.119.300	U14	200	85	20,60
64.119.400	U16	200	85	20,80
64.119.500	U18	230	95	22,90
64.119.600	U20	230	95	23.00

PRIČVRŠĆENJE POTPORNOG IZOLATORA OBILAZNOG VODA NA STUP OD 2U PROFILA
FEEDER SUSPENSION ATTACHMENT ON U TOWER

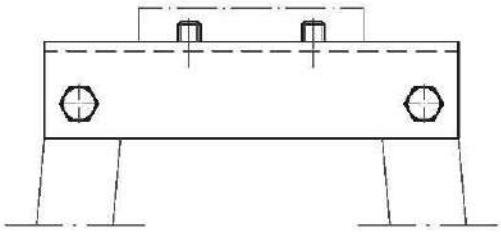


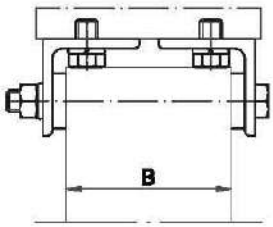
64.001.010

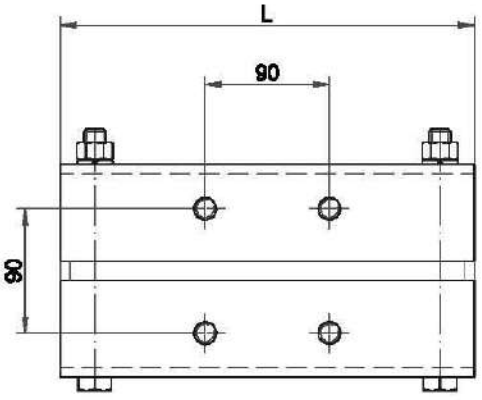
Poz. Item	Naziv sklopa Description
1	Pričvrsnik potpornog izolatora obilaznog voda za U stupove Feeded suspension attachment for U tower
2	Stup od 2 U profila U tower

PRIČVRSNIK IZOLATORA OBILAZNOG VODA ZA "U" STUP
FEEDER SUSPENSION ATTACHMENT FOR U TOWERS

Materijal: èelik DIN 17100, vruæe pocinèan
Material : steel DIN 17100, hot dip galvanized





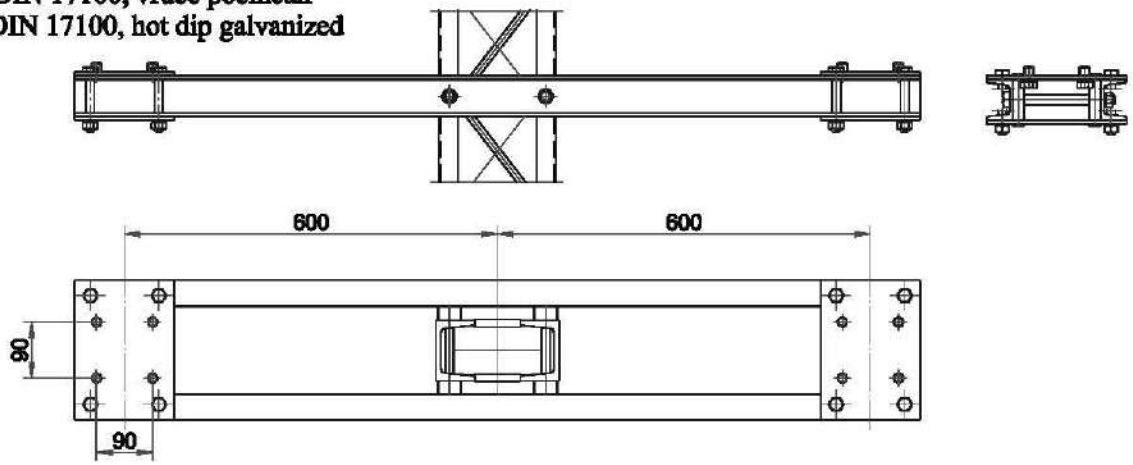


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions L [mm]	B [mm]	Masa Mass [kg]
64.119.700	U12	300	120	6,20
64.119.800	U14	350	140	7,00
64.119.900	U16	350	160	8,30
64.120.000	U18	350	180	10,12
64.120.100	U20	350	200	12,00

PRIČVRSNIK DVA IZOLATORA OBILAZNOG VODA ZA STUP OD 2 U PROFILA
FASTENER FOR TWO INSULATORS

64.001.011

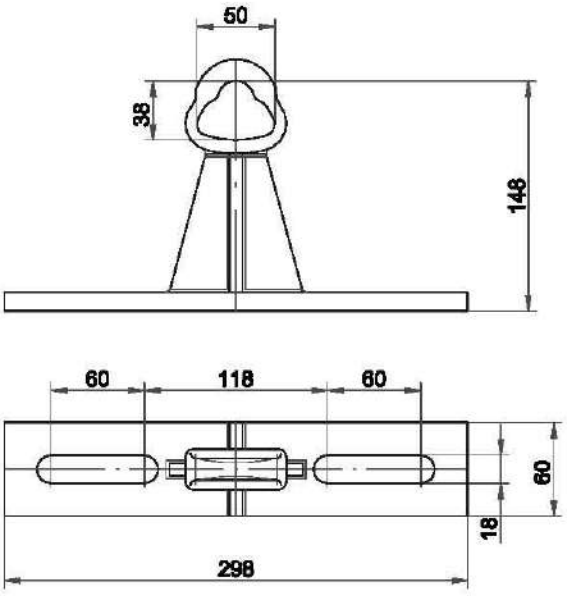
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



RAVNI PRIČVRSNIK ZATEGE
TENSION FESTENER STRAIGHT

43.64.167

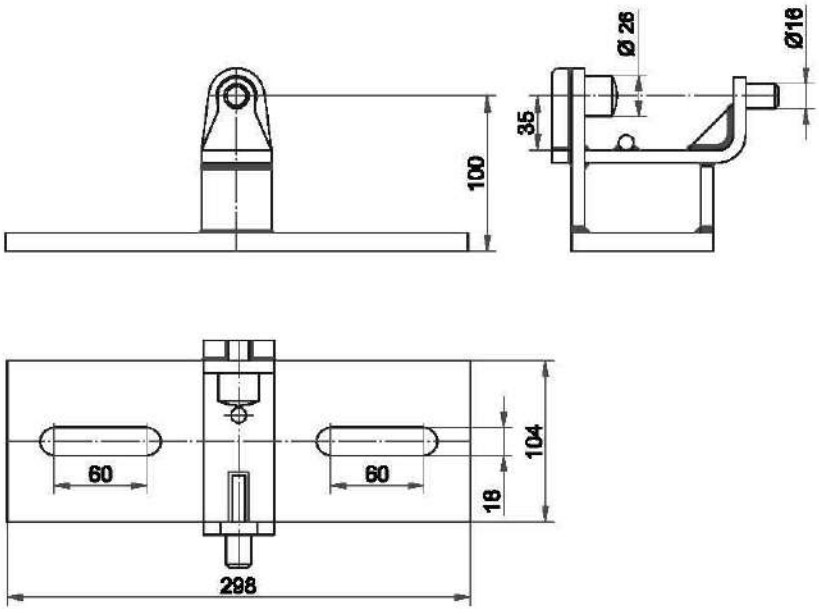
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,00 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 3,00 kg



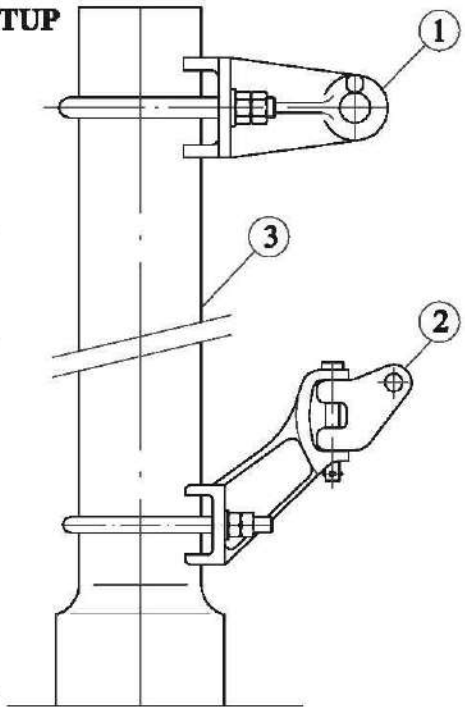
RAVNI PRIČVRSNIK KOSNIKA
FESTENER STRAIGHT

43.64.168

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,00 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 3,00 kg



PRIČVRŠĆENJE JEDNOSTRUKE KONZOLE NA CIJEVNI STUP
CANTILEVER ATTACHMENT ON TUBULAR POLE



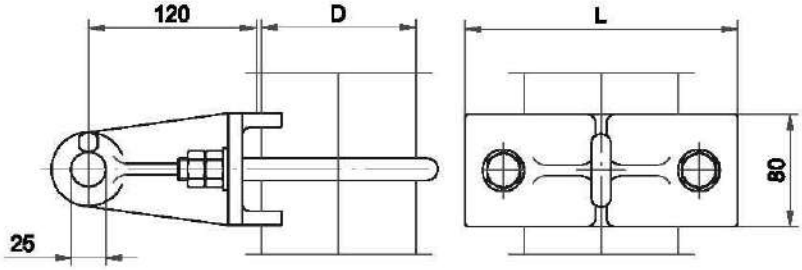
64.001.016

Poz. Item	Naziv sklopa Description
1	Pričvrsnik zatege za cijevne stupove Top member attachment for tubular poles
2	Zglobni pričvrsnik kosnika za cijevne stupove Strut member attachment for tubular poles
3	Cijevni stup Tubular pole

PRIČVRSNIK ZATEGE ZA CIJEVNE STUPOVE
TOP MEMBER ATTACHMENT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

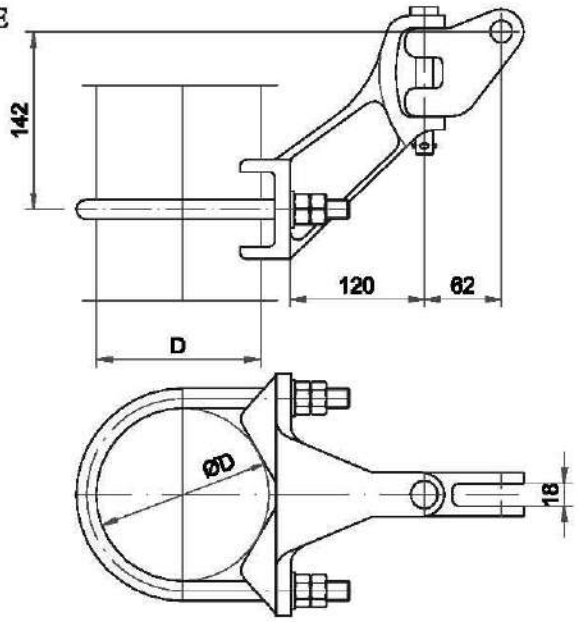
Kat. br. Cat. No.	Za stup For pole D [mm]	Dužina Length L [mm]	Masa Mass [kg]
64.111.700	Ø120	195	3,75
64.111.800	Ø130 - Ø135	195	3,80
64.111.900	Ø160 - Ø165	225	4,60
43.64.024	Ø215	275	4,75



ZGLOBNI PRIČVRSNIK KOSNIKA ZA CIJEVNE STUPOVE
STRUT MEMBER ATTACHMENT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

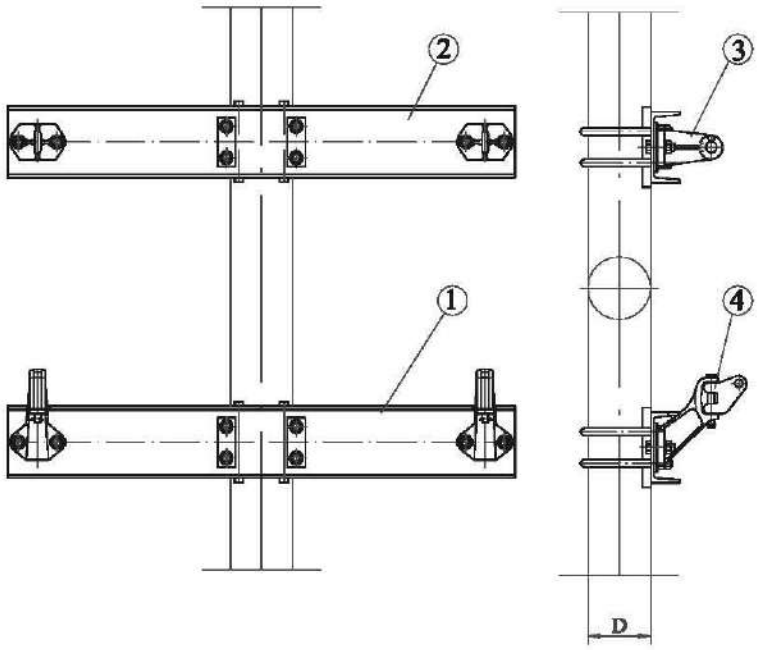
Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
64.112.000	Ø120	6,05
64.112.100	Ø130 - Ø135	6,11
64.112.200	Ø160 - Ø165	6,90
43.64.014	Ø190	7,50
43.64.016	Ø215	7,90



PRIČVRŠĆENJE DVOSTRUKE KONZOLE ZA CIJEVNE STUPOVE
ATTACHMENT OF DOUBLE CEOSSARM ON TUBULAR POLES

64.001.017

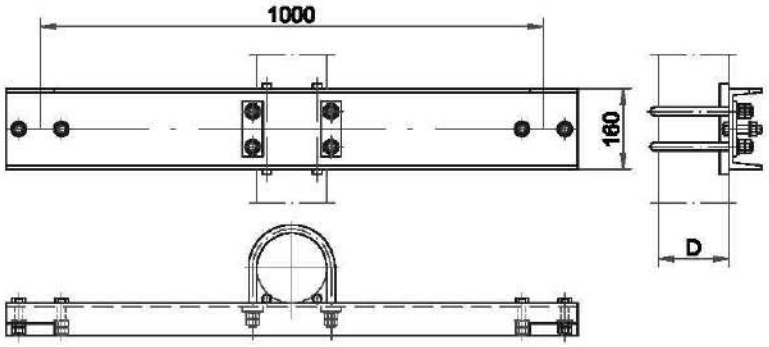
Poz. Item	Naziv sklopa Description
1	Nosač zglobnog pričvrsnika kosnika dvostruke konzole za cijevne stupove Support for strut member attachment of double crossarm for tubular poles
2	Nosač pričvrsnika zatege dvostruke konzole za cijevne stupove Support for top member attachment of double crossarm for tubular poles
3	Pričvrsnik zatege 85 Top member attachment 85
4	Zglobni pričvrsnik kosnika 85 Surut member attachment 85



NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA DVOSTRUKE KONZOLE ZA CIJEVNE STUPOVE
SUPPORT FOR STRUT MEMBER ATTACHMENT OF DOUBLE CROSSARM FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

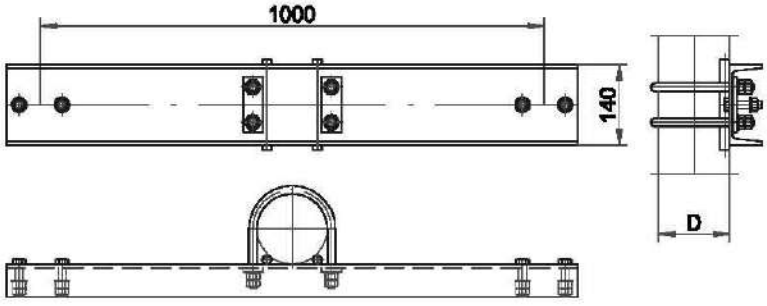
Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
43.64.017	Ø130	25,6
64.113.500	Ø135	26,42
43.64.018	Ø160	25,6
64.113.600	Ø165	26,68
43.64.015	Ø190	26,5
43.64.019	Ø215	26,6



NOSAČ PRIČVRSNIKA ZATEGE DVOSTRUKE KONZOLE ZA CIJEVNE STUPOVE
SUPPORT FOR TOP MEMBER ATTACHMENT OF DOUBLE CROSSARM FOR TUBULAR POLES

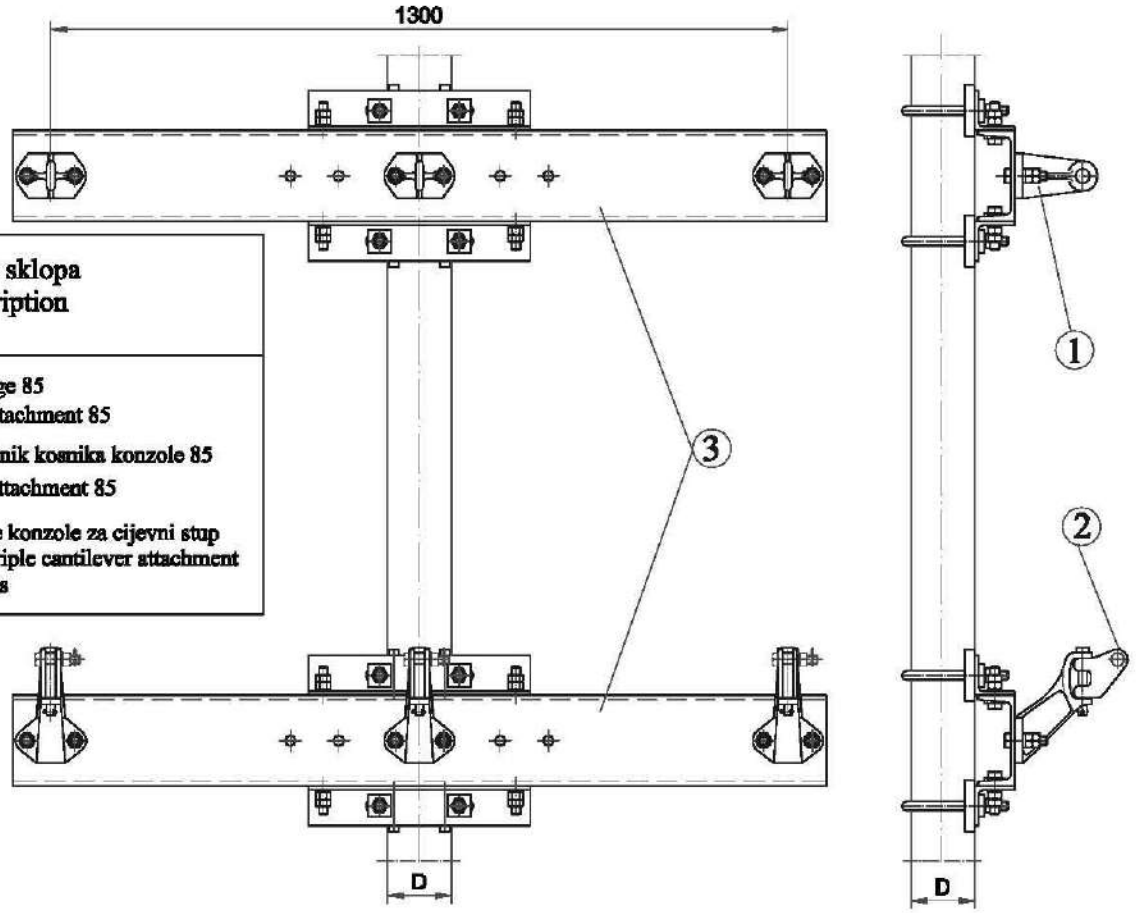
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
43.64.020	Ø130	22,35
64.113.700	Ø135	22,30
43.64.021	Ø160	22.35
64.113.800	Ø165	22,35
43.64.022	Ø215	26,00



PRIČVRŠĆENJE TROSTRUKE KONZOLE ZA CIJEVNE STUPOVE
ASSEMBLY FOR TRIPLE CANTILEVER ATTACHMENT ON TUBULAR POLE

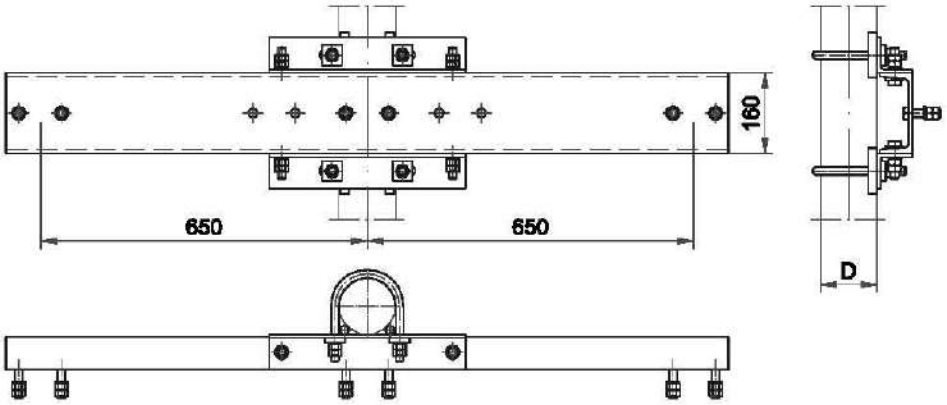
64.001.018



Poz. Item	Naziv sklopa Description
1	Pričvrsnik zatege 85 Top member attachment 85
2	Zglobni pričvrsnik kosnika konzole 85 Strut member attachment 85
3	Nosač trostruke konzole za cijevni stup Assembly for triple cantilever attachment for tubular poles

NOSAČ TROSTRUKE KONZOLE ZA CIJEVNE STUPOVE
ASSEMBLY FOR TRIPLE CANTILEVER ATTACHMENT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

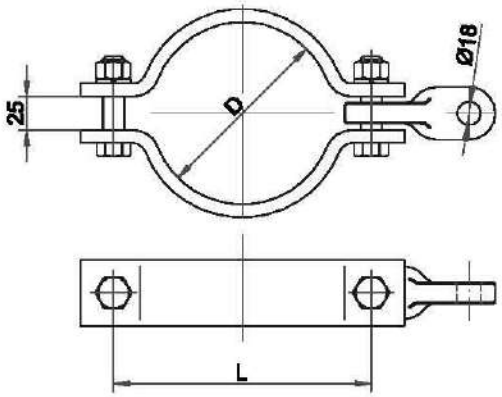


Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
64.121.600	Ø130 i Ø135	37,73
64.121.700	Ø160 i Ø165	37,97
43.64.051	Ø215	38,10

PRIČVRSNIK ČVRSTOG ZATEZANJA ZA CIJEVNE STUPOVE
FIXED TERMINATION ATTACHMENT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

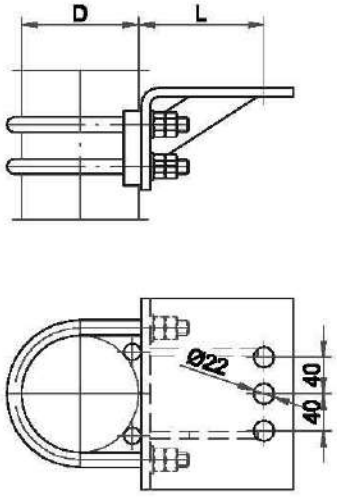
Kat. br. Cat. No.	Za stup For pole D [mm]	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.114.400	Ø130 - Ø135	195	3,15
64.114.500	Ø160 - Ø165	225	3,55
43.64.025	Ø190	252	3,60
43.64.026	Ø215	280	4,00



PRIČVRSNIK AUTOMATSKOG ZATEZANJA ZA CIJEVNE STUPOVE
REGULATED TERMINATION ATTACHMENT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

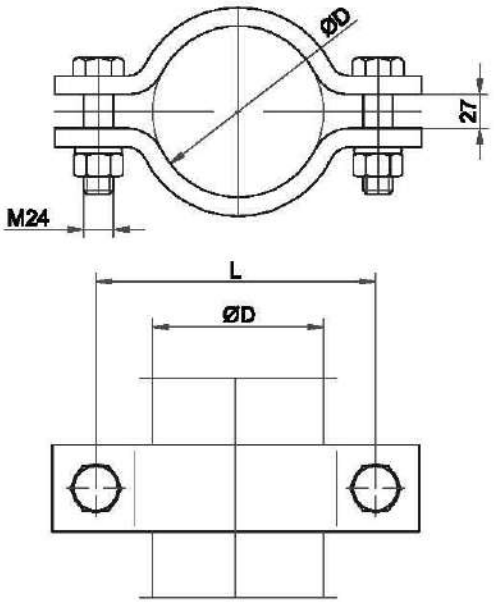
Kat. br. Cat. No.	Za stup For pole D [mm]	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.115.100	Ø130 - Ø135	135	9,80
64.115.200	Ø160 - Ø165	160	7,55
43.64.052	Ø190	252	8,01
43.64.031	Ø215	280	9,80



PRIČVRSNIK SIDRA ZA CIJEVNE STUPOVE
MAST ANCHOR ATTACHMENT FOR TUBULAR POLES

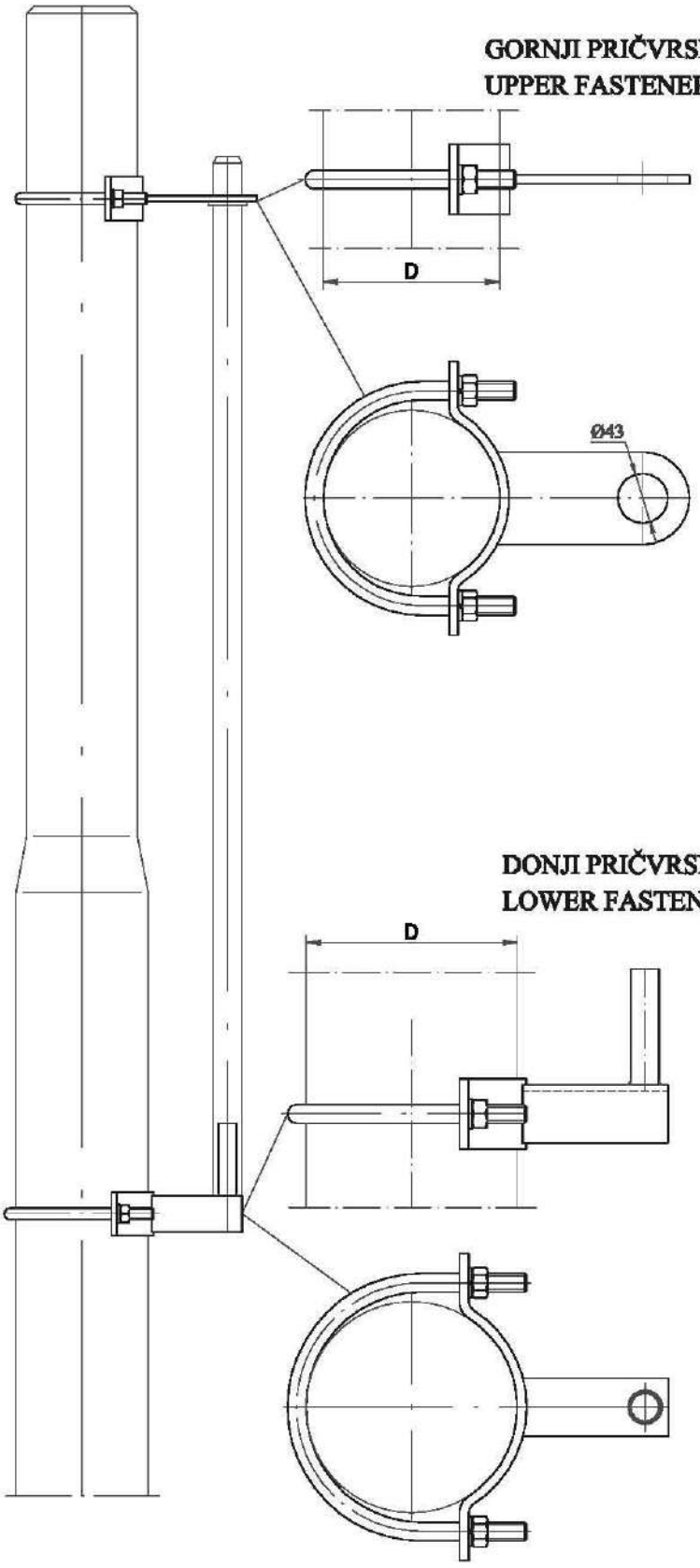
Materijal:čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Za stup For pole D [mm]	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.115.900	Ø130 - Ø135	225	6,32
64.116.000	Ø160 - Ø165	255	7,05
43.64.032	Ø190	200	8,35
43.64.033	Ø215	200	9,50
64.131.500	Ø315	405	10,95
64.131.400	Ø267	360	9,73



PRIČVRŠĆENJE VODILICE UTEGA NA CIJEVNI STUP
ATTACHMENT OF GUIDE WEIGHT ON TUBULAR POLE

64.001.022



GORNJI PRIČVRSNIK VODILICE UTEGA ZA CIJEVNE STUPOVE
UPPER FASTENER OF GUIDE WEIGTH FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
43.64.036	Ø121	2,20
43.64.067	Ø130	2,30
64.118.000	Ø152	2,46
64.118.100	Ø165	2,60
64.118.200	Ø185	2,84
64.118.300	Ø180	2,85
43.64.037	Ø194	2,70
64.118.400	Ø200	3,04
64.118.500	Ø230	3,24
64.118.600	Ø210	3,04
43.64.012	Ø245	3,10

DONJI PRIČVRSNIK VODILICE UTEGA ZA CIJEVNE STUPOVE
LOWER FASTENER OF GUIDE WEIGHT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

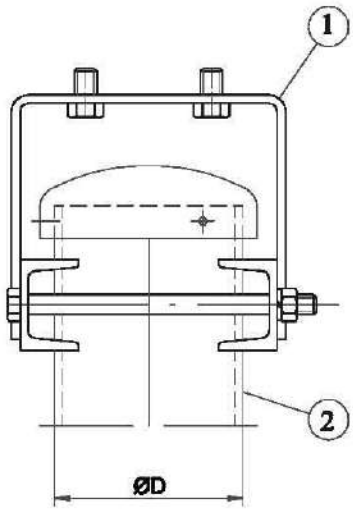
Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
43.64.066	Ø130	2,40
43.64.034	Ø159	2,70
64.117.100	Ø177	2,87
64.117.200	Ø193	2,97
64.117.300	Ø216	3,18
43.64.035	Ø229	3,20
64.117.400	Ø241	3,32
64.117.500	Ø266	3,50
64.117.600	Ø219	3,05
64.117.700	Ø244	3,32
64.117.800	Ø298	3,80
64.117.900	Ø272	3,50
43.64.013	Ø324	3,70

PRIČVRŠĆENJE POTPORNOG IZOLATORA OBILAZNOG VODA NA CIJEVNI STUP

FEEDED SUSPENSION ATTACHMENT ON TUBULAR POLE

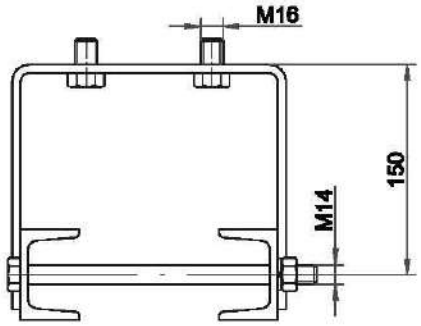
64.001.023

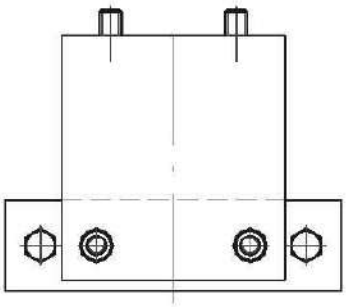
Poz. Item	Naziv sklopa Description
1	Pričvrsnik potpornog izolatora obilaznog voda za cijevne stupove Feeded suspension attachment for tubular poles
2	Cijevni stup Tubular pole

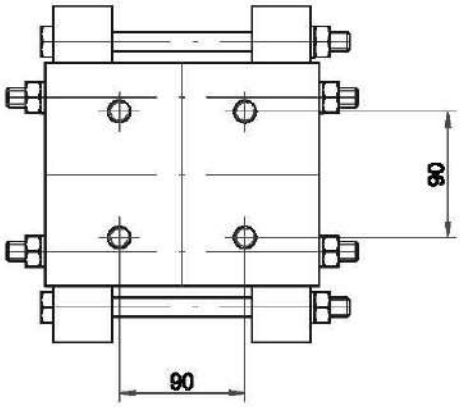


PRIČVRSNIK IZOLATORA OBILAZNOG VODA ZA CIJEVNE STUPOVE
FEEDER SUSPENSION ATTACHMENT FOR TUBULAR POLES

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized





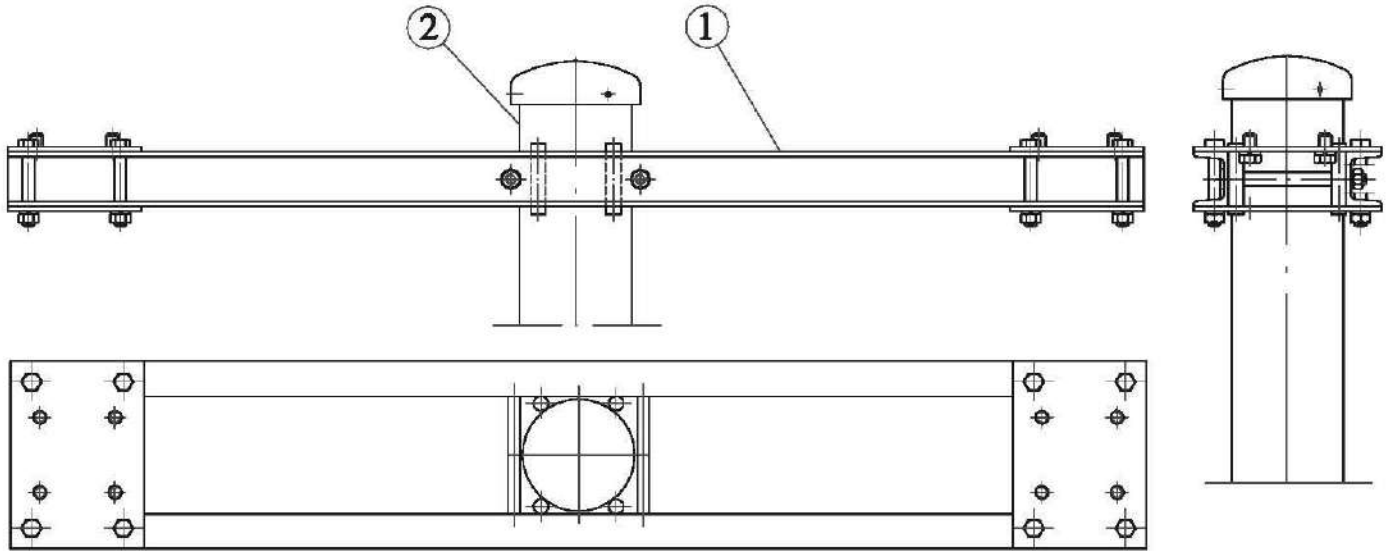


Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
64.120.200	Ø130 - Ø135	9,07
43.64.053	Ø160	11,70

PRIČVRŠĆENJE DVA POTPORNA IZOLATORA OBILAZNOG VODA NA CIJEVNI STUP
FEEDER SUSPENSION ATTACHMENT FOR TWO INSULATORS ON TUBULAR POLE

64.001.026

Poz. Item	Naziv sklopa Description
1	Pričvrsnik dva potporna izolatora obilaznog voda za cijevne stupove Feeded suspension attachment for tubular poles
2	Cijevni stup Tubular pole

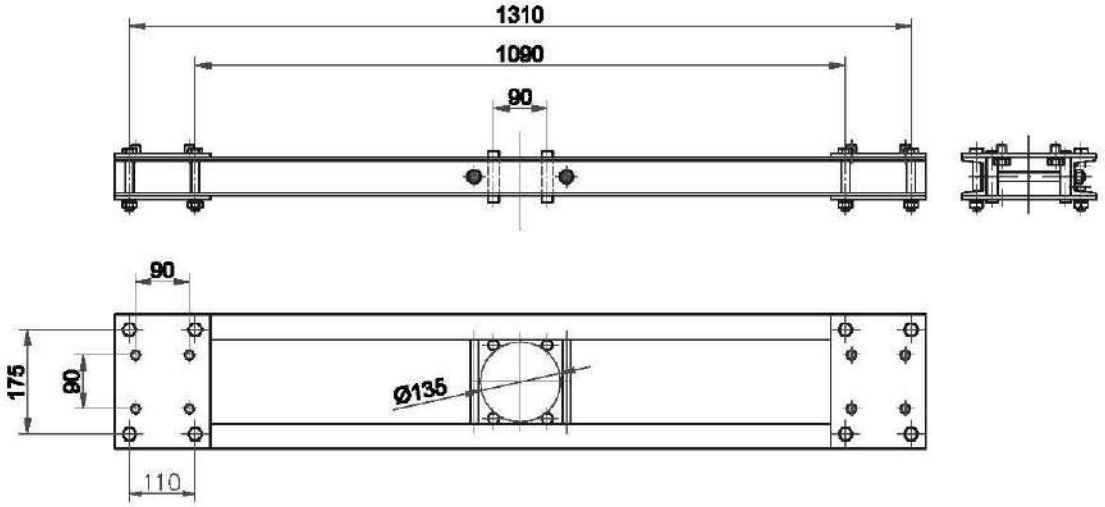


PRIČVRSNIK DVA IZOLATORA OBILAZNOG VODA ZA CIJEVNE STUPOVE I CIJEVNE NOSAČE NA KRUTOM PORTALU

FEEDER SUSPENSION ATTACHMENT FOR TWO INSULATORS ON THE TUBULAR POLES

64.140.500

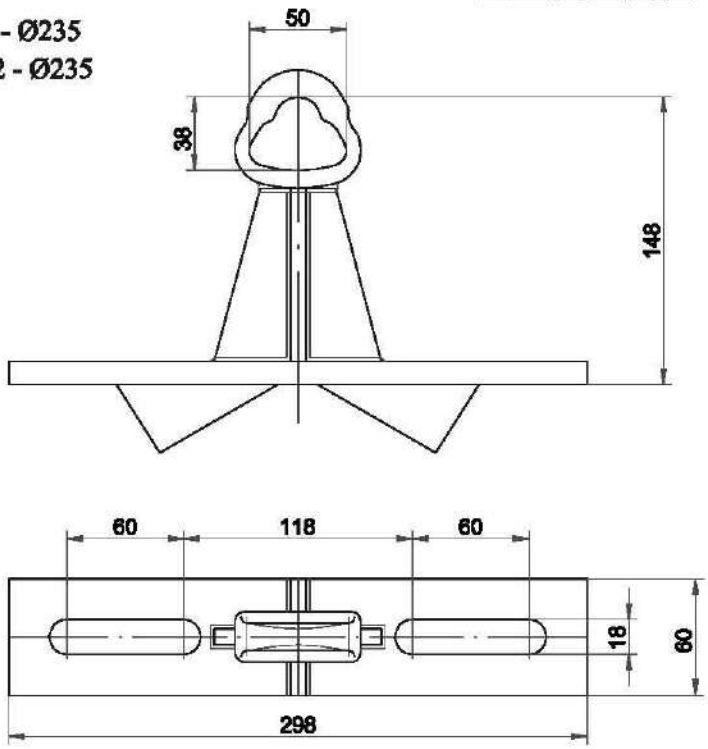
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 9,07 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 9,07 kg



GORNJI PRIČVRSNIK ZA CIJEVNI STUP Ø102 - Ø235
UPPER FASTENER FOR TUBULAR POLE Ø102 - Ø235

43.64.165

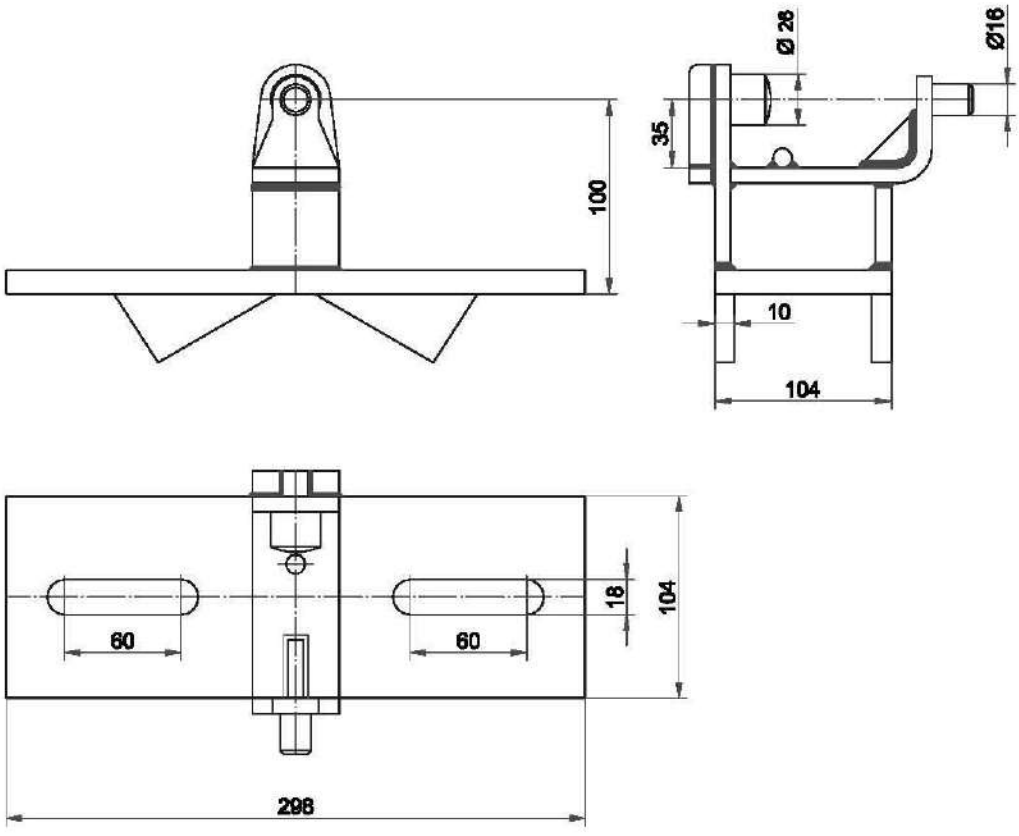
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,00 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 3,00 kg



PRIČVRSNIK KOSNIKA ZA CIJEVNE STUPOVE Ø102 - Ø235
FASTENER FOR TUBULAR POLE Ø102 - Ø235

43.64.166

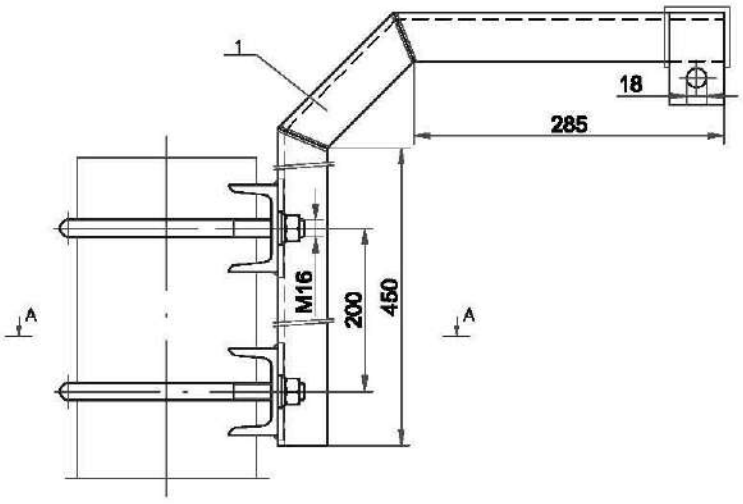
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 4,60 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 4,60 kg

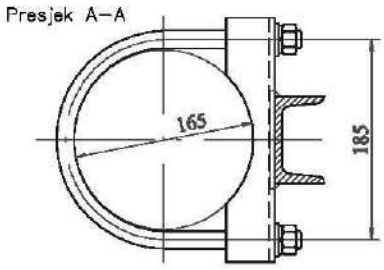


PRIČVRSNIK OBILAZNOG VODA
FASTENER FOR BYPASS LINE

64.120.800D

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 14,35 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 14,35 kg

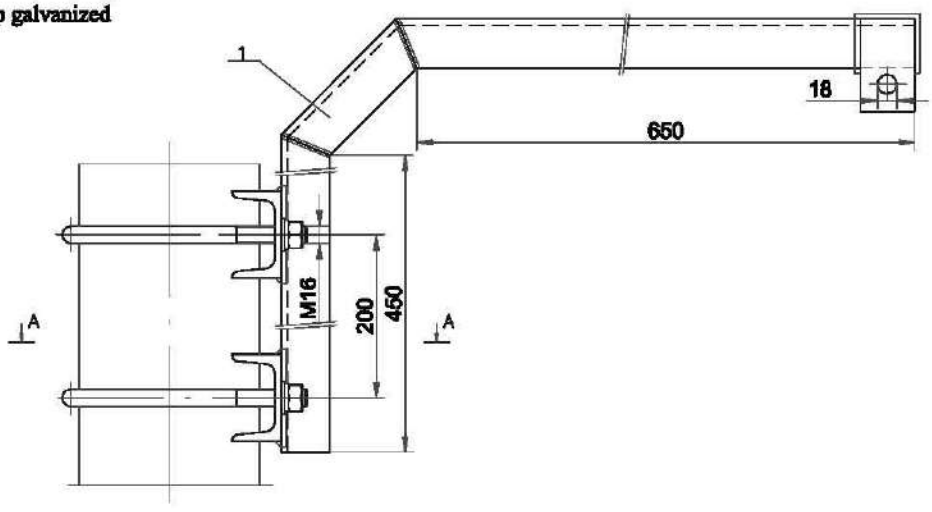


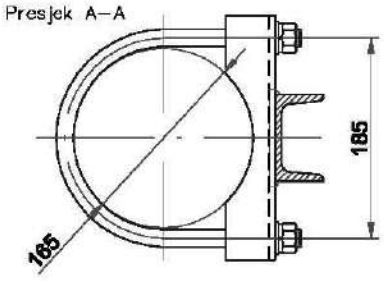


PRIČVRSNIK OBILAZNOG VODA
FASTENER FOR BYPASS LINE

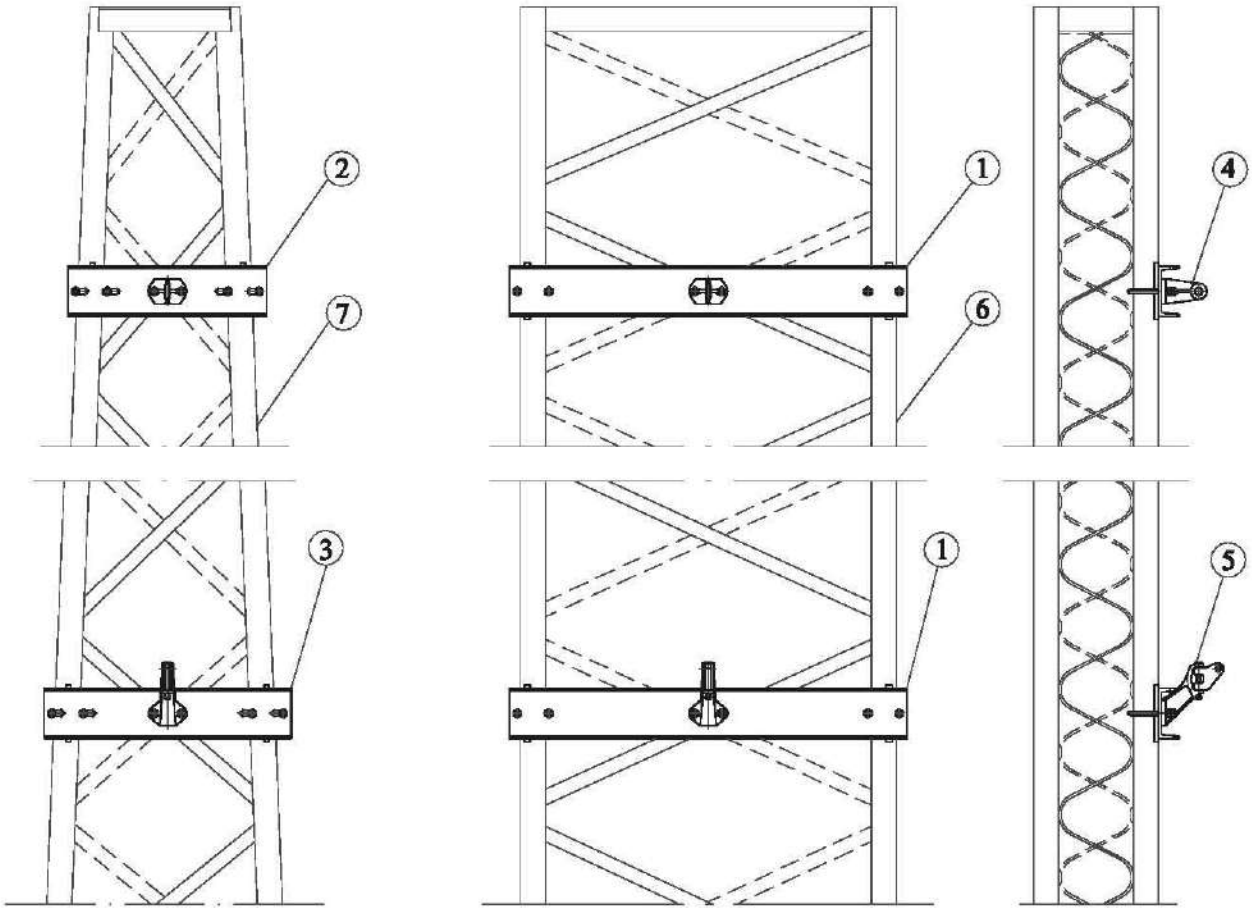
64.120.800E

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 15,90 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 15,90 kg





PRIČVRŠĆENJE JEDNOSTRUKE KONZOLE ZA STUP OD 4L PROFILA
CANTILEVER ATTACHMENT ON LATICE POLE



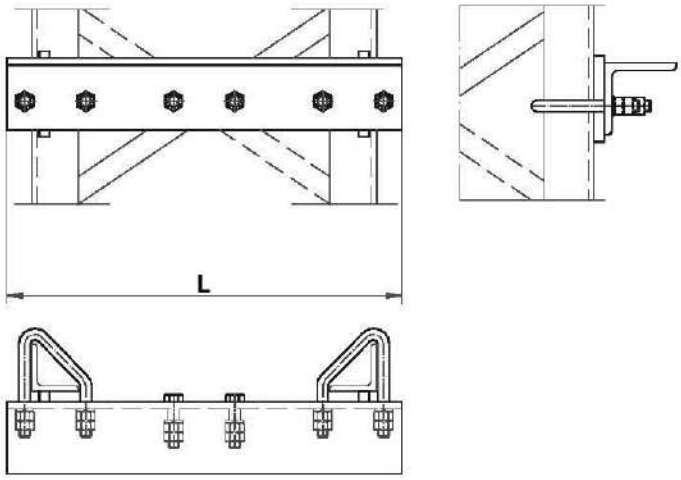
64.001.031

Poz. Item	Naziv sklopa Description
1	Nosač pričvrsnika jednostruke konzole za stup krutog portala Assembly for single cantilever attachment for rigid portal
2	Nosač pričvrsnika zatege jednostruke konzole za stup krutog portala tip "R" Support for top member attachment of single crossarms for rigid portals type "R"
3	Nosač zglobnog pričvrsnika kosnika jednostruke konzole za stup krutog portala tip "R" Support for strut member attachment of single crossarms for rigid portals type "R"
4	Pričvrsnik zatege 85 Top member attachment 85
5	Zglobni pričvrsnik kosnika 85 Strut member attachment 85
6	Kruti portal od 4 L profila Latice pole of 4 L profiles
7	Kruti portal od 4 L profila tip "R" Latice pole of 4 L profiles type "R"

NOSAČ PRIČVRSNIKA JEDNOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA
ASSEMBLY FOR SINGLE CANTILEVER ATTACHMENT FOR RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

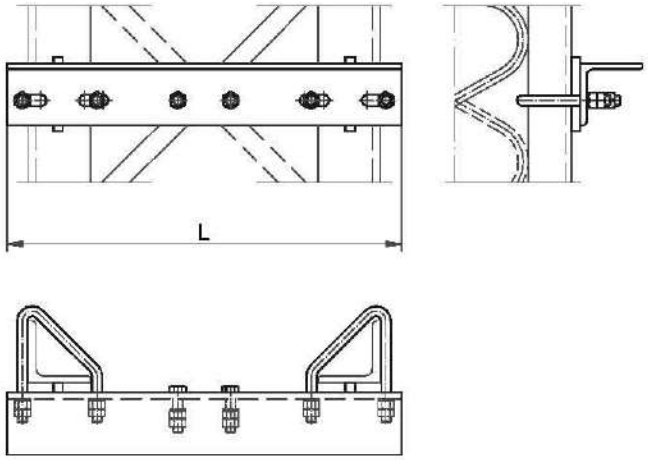
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.123.500	A / AG	550	20,50
64.123.600	B / BG	770	27,90
64.123.700	C / CG	990	34,51
64.123.800	A1 / A1G	1070	37,96
64.123.900	B1 / B1G	1270	43,96
64.124.000	C1 / C1G	1470	50,16



NOSAČ PRIČVRSNIKA ZATEGE JEDNOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"
SUPPORT FOR TOP MEMBER ATTACHMENT OF SINGLE CROSSARMS FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

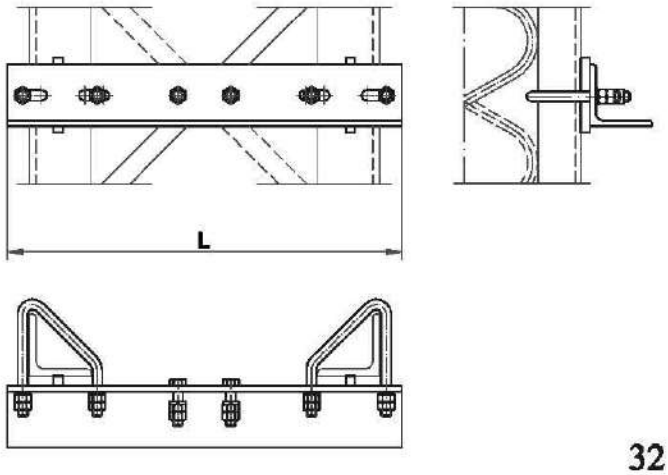
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.124.100	AR	635	11,60
64.124.200	BR	844	15,45
64.124.300	CR	1068	18,45



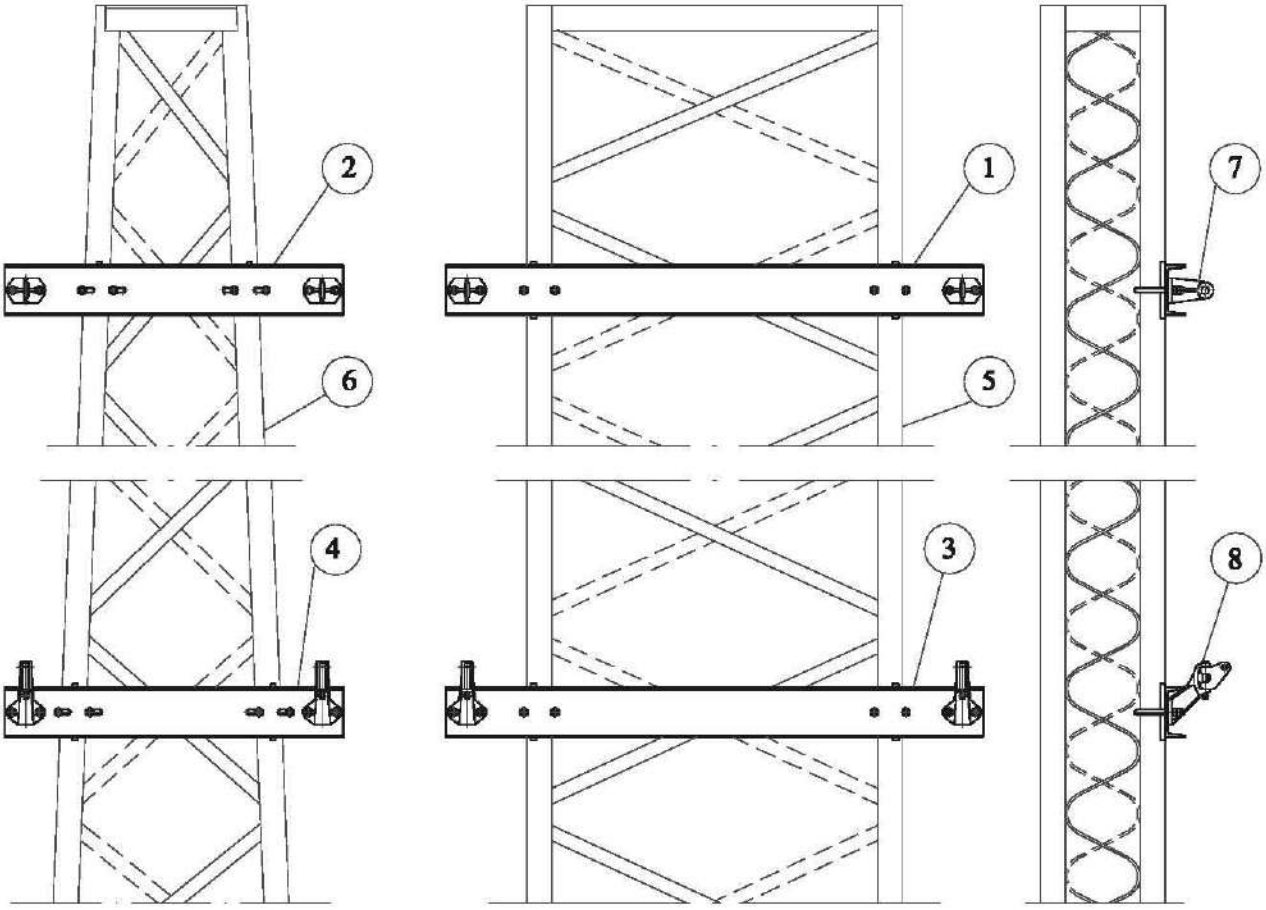
NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA JEDNOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"
SUPPORT FOR STRUT MEMBER ATTACHMENT OF SINGLE CROSSARMS FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.124.400	AR	789	14,00
64.124.500	BR	1000	17,25
64.124.600	CR	1171	20,00



PRIČVRŠĆENJE DVOSTRUKE KONZOLE NA NOGU KRUTOG PORTALA OD 4 L PROFILA
DOUBLE CANTILEVER ATTACHMENT ON LATICE POLE



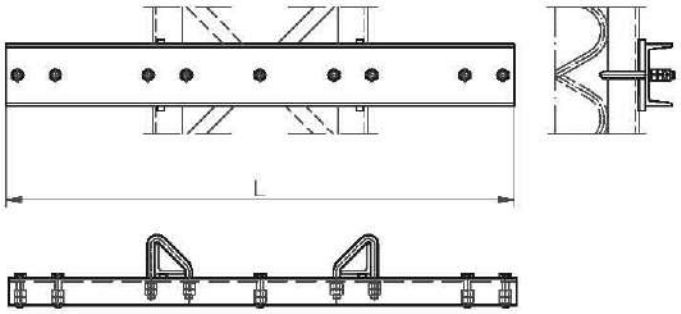
64.001.032

Poz. Item	Naziv sklopa Description
1	Nosač pričvrsnika zatege dvostruke konzole za stup krutog portala Support for top member attachment of double crossarms for rigid portal
2	Nosač pričvrsnika zatege dvostruke konzole za stup krutog portala tip R Support for top member attachment of single crossarms for rigid portal type R
3	Nosač zglobnog pričvrsnika kosnika dvostruke konzole za stup krutog portala Support for strut member attachment of double crossarms for rigid portals
4	Nosač zglobnog pričvrsnika kosnika dvostruke konzole za stup krutog portala tip R Support for strut member attachment of double crossarms for rigid portal type R
5	Kruti portal od 4 L profila Rigid portal
6	Kruti portal od 4 L profila tip "R" Rigid portal type "R"
7	Pričvrsnik zatege 85 Top member attachment 85
8	Zglobni pričvrsnik kosnika 85 Strut member attachment 85

NOSAČ PRIČVRSNIKA ZATEGE DVOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA
SUPPORT FOR TOP MEMBER ATTACHMENT OF DOUBLECROSSARMS FOR RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

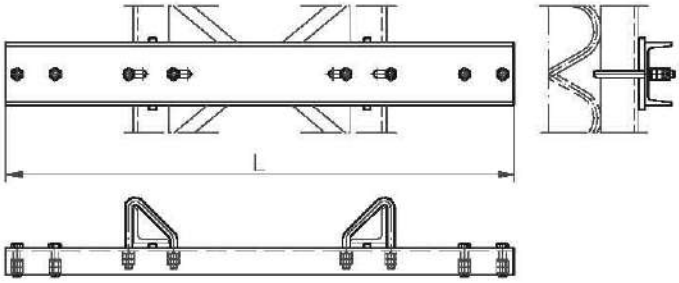
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.124.700	A / AG	1135	20,15
64.124.800	B / BG	1135	20,60
64.124.900	C / CG	1260	23,10
64.125.000	A1 / A1G	1340	24,07
64.125.100	B1 / B1G	1540	27,40
64.125.200	C1 / C1G	1470	26,45



NOSAČ PRIČVRSNIKA ZATEGE DVOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"
SUPPORT FOR TOP MEMBER ATTACHMENT OF DOUBLE CROSSARMS FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

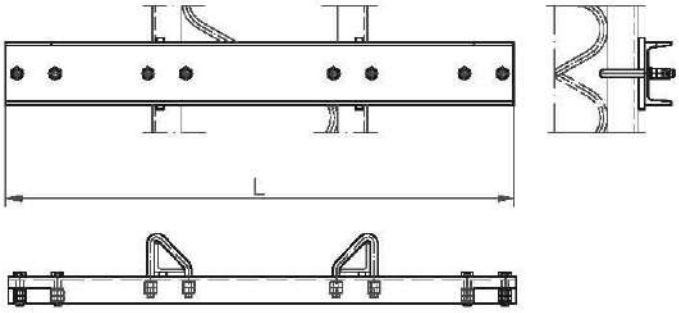
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.125.300	AR	1135	20,80
64.125.400	BR	1270	23,10
64.125.500	CR	1435	25,70



NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA DVOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA
SUPPORT FOR STRUT MEMBER ATTACHMENT OF DOUBLE CROSSARMS FOR RIGID PORTAL

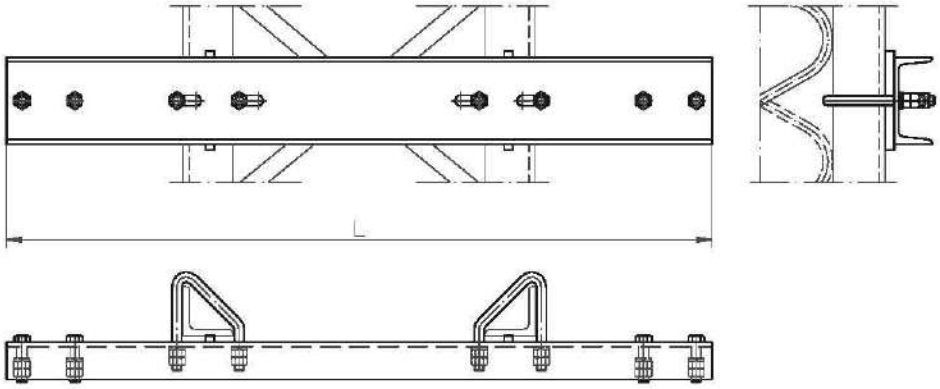
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.125.600	A / AG	1135	20,55
64.125.700	B / BG	1135	20,70
64.125.800	C / CG	1260	22,90
64.125.900	A1 / A1G	1340	24,10
64.126.000	B1 / B1G	1540	28,15
64.126.100	C1 / C1G	1470	26,40



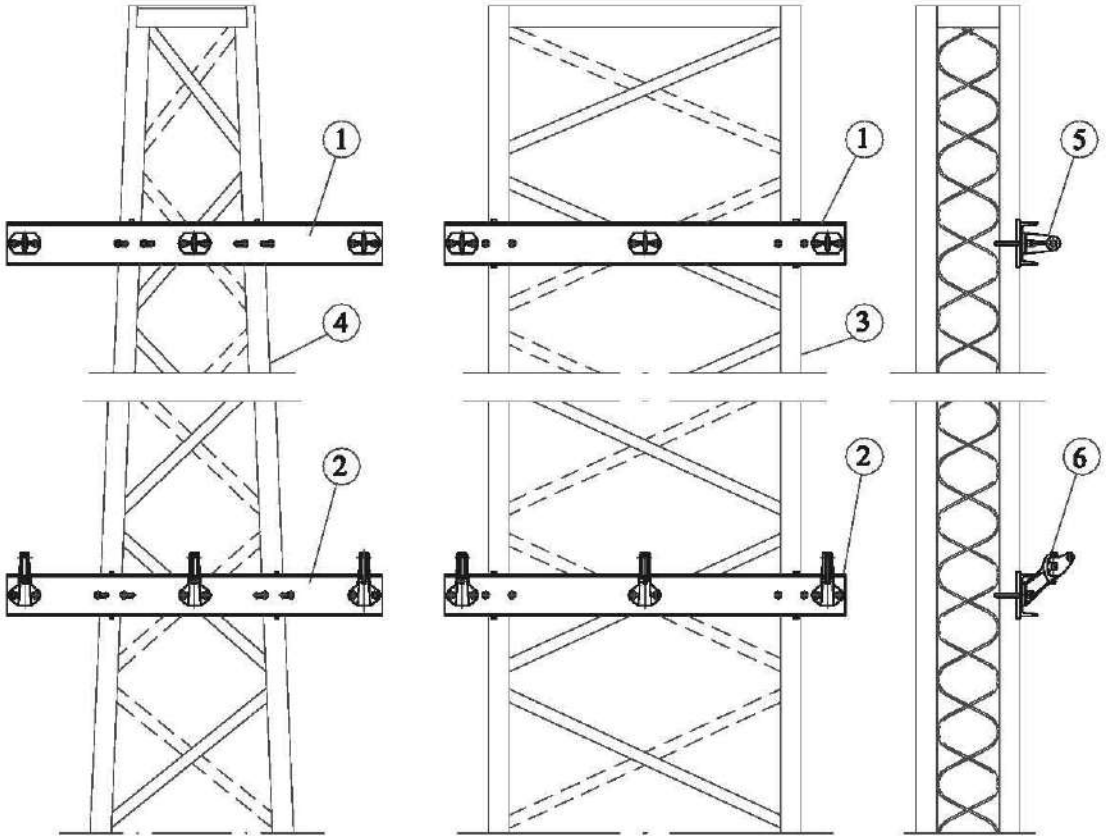
NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA DVOSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"
SUPPORT FOR STRUT MEMBER ATTACHMENT OF DOUBLECROSSARMS FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.126.200	AR	1135	20,00
64.126.300	BR	1270	23,10
64.126.400	CR	1435	25,95

PRIČVRŠĆENJE TROSTRUKE KONZOLE NA NOGU KRUTOG PORTALA OD 4 L PROFILA
TRIPLE CANTILEVER ATTACHMENT ON LATICE POLE



64.001.033

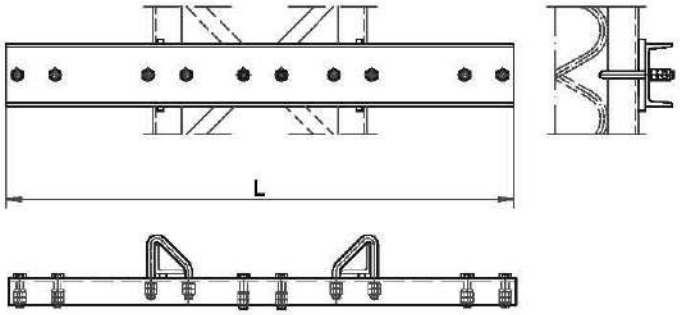
Poz. Item	Naziv sklopa Description
1	Nosač pričvrsnika zatege trostruke konzole za stup krutog portala Support for top member attachment of triple crossarms for rigid portal
2	Nosač zglobnog pričvrsnika kosnika trostruke konzole za stup krutog portala Support for strut member attachment of triple crossarms for rigid portals
3	Kruti portal Rigid portal
4	Kruti portal tip "R" Rigid portal type "R"
5	Zglobni pričvrsnik kosnika 85 Strut member attachment 85
6	Zglobni pričvrsnik kosnika 85 Strut member attachment 85

NOSAČ PRIČVRSNIKA ZATEGE I ZGLOBNOG PRIČVRSNIKA KOSNIKA TROSTRUKE KONZOLE ZA STUP KRUTOG PORTALA

SUPPORT FOR TOP MEMBER ATTACHMENT AND STRUT MEMBER ATTACHMENT OF TRIPLE CROSSARMS FOR RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.126.500	BG	1435	29,90
64.126.600	C / CG	1435	30,00
64.131.600	B1	1435	34,30
64.131.700	C1	1735	38,40
64.126.700	B / BG	1435	29,90
64.126.800	C / CG	1435	30,30

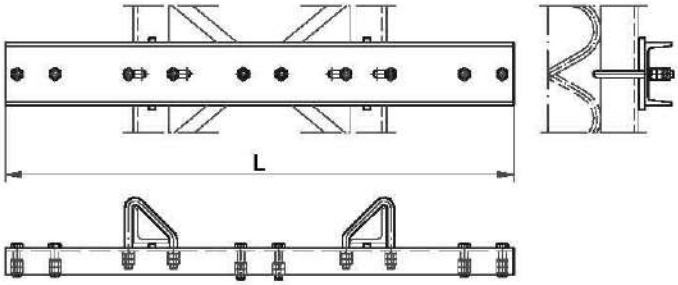


NOSAČ PRIČVRSNIKA ZATEGE TROSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"

SUPPORT FOR TOP MEMBER ATTACHMENT OF TRIPLE CROSSARMS FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.131.900	AR	1435	31,30
64.132.000	BR	1435	30,40
64.132.100	CR	1435	30,50

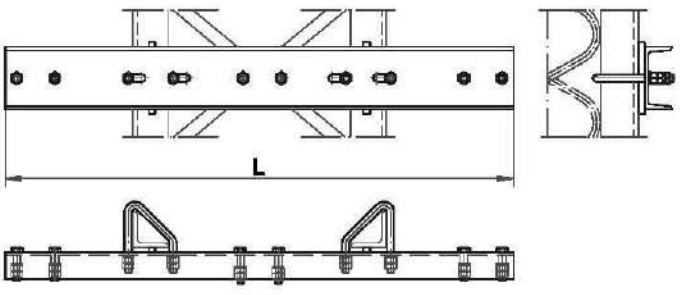


NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA TROSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"

SUPPORT FOR STRUT MEMBER ATTACHMENT OF TRIPLE CROSSARMS FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

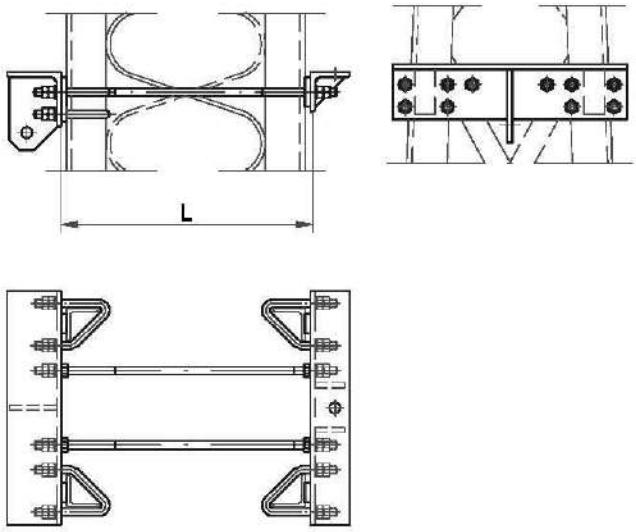
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.126.900	AR	1135	30,00
64.132.200	BR	1135	30,80
64.132.300	CR	1260	31,00



PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA OD 4L PROFILA
FIXED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL

64.001.034

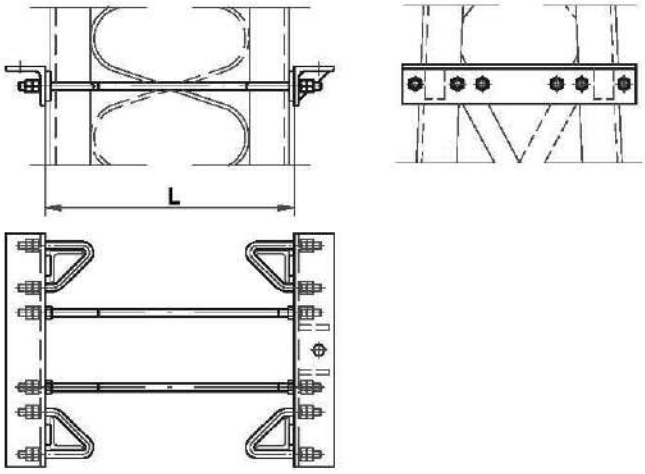
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.133.000	AG	500	21,60
64.133.100	BG	720	27,00
64.133.200	CG	940	30,80
64.133.300	A1G	1020	26,00
64.133.400	B1G	1220	29,70
64.133.500	C1G	1420	34,10

PRIČVRSNIK OPREME ČVRSTOG ZATEZANJA ZA STUP KRUTOG PORTALA OD 4L PROFILA
FIXED TERMINATION ATTACHMENT FOR RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

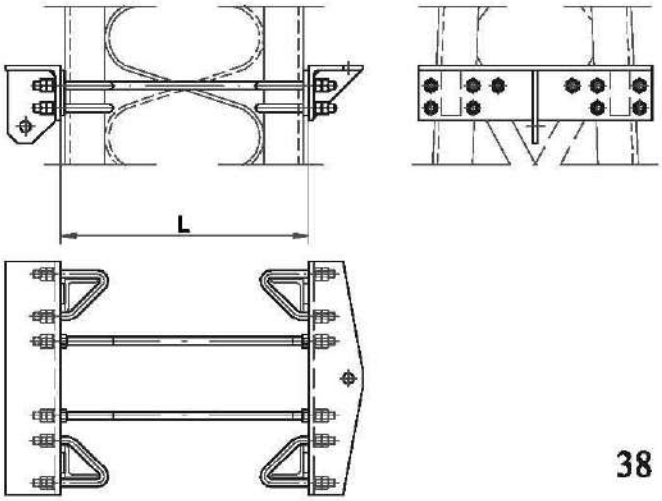


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.132.400	AG	500	18,00
64.132.500	BG	720	20,80
64.132.600	CG	940	23,80
64.132.700	A1G	1020	20,00
64.132.800	B1G	1220	23,00
64.132.900	C1G	1420	29,70

PRIČVRSNIK AUTOMATSKOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA
REGULATED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL

64.001.035

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

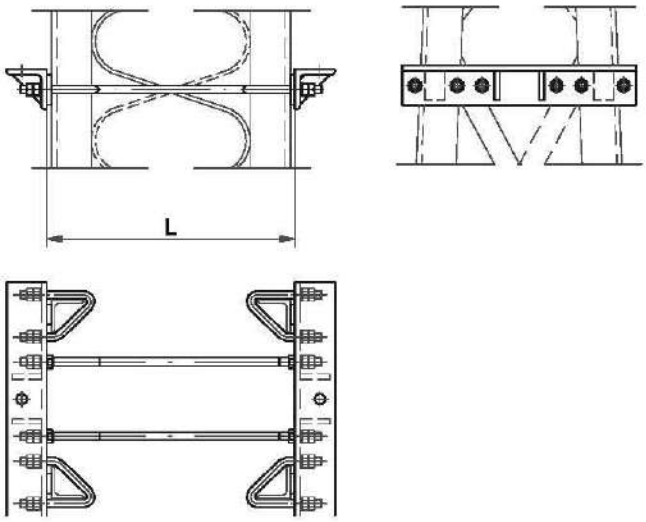


Kat. br. Cat. No.	Za stup For latice pole	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.134.200	AG	500	26,50
64.134.300	BG	720	31,25
64.134.400	CG	940	29,50
64.134.500	A1G	1020	28,25
64.134.600	B1G	1220	34,00
64.134.700	C1G	1420	40,40

PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA ZA STUP KRUTOG PORTALA OD 4L PROFILA TIP "R"
FIXED TERMINATION ATTACHMENT FOR RIGID PORTAL TYPE "R"

64.001.038

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

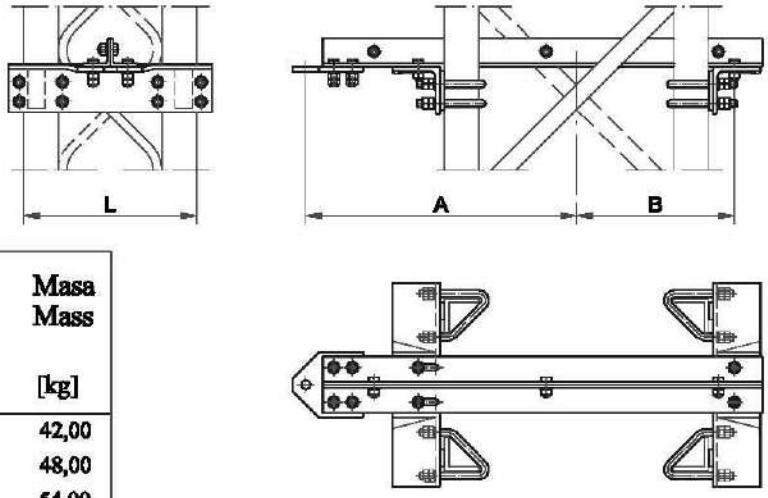


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.134.800	AR	500 - 690	22,50
64.134.900	BR	720 - 880	18,70
64.135.000	CR	940 - 1060	24,00

PRIČVRŠĆENJE OPREME AUTOMATSKOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA TIP "R"
REGULATED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL TYPE "R"

64.001.039

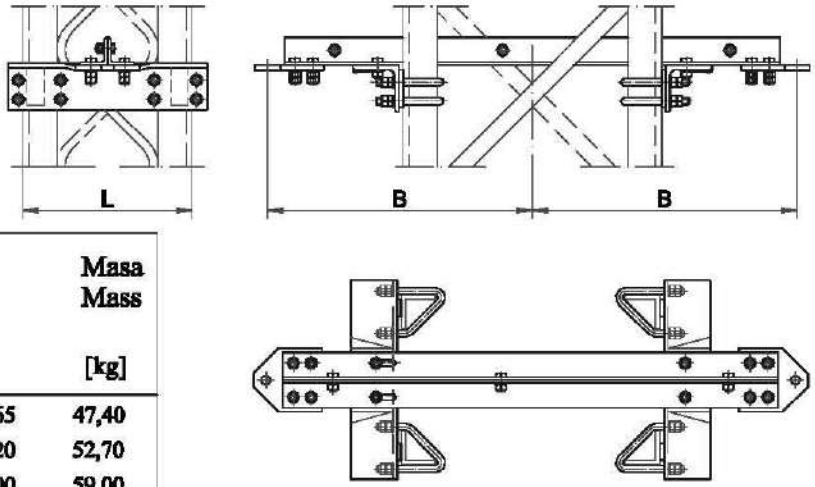
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L	A	B [mm]	Masa Mass [kg]
64.136.000	AR	400	625 - 665	345 - 385	42,00
64.136.100	BR	500	680 - 720	440 - 480	48,00
64.136.200	CR	600	760 - 800	540 - 580	54,00

DVOSTRUKI PRIČVRSNIK AUTOMATSKOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA
DOUBLE REGULATED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL

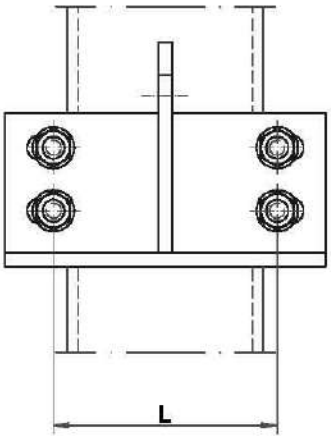
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

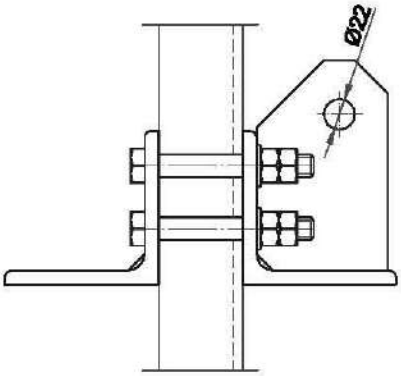


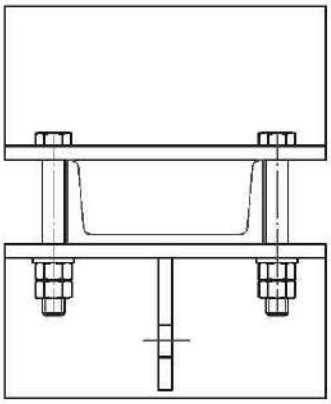
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L	B [mm]	Masa Mass [kg]
64.135.700	AR	400	625 - 665	47,40
64.135.800	BR	500	680 - 720	52,70
64.135.900	CR	600	760 - 800	59,00

PRIČVRŠĆENJE SIDRA NA STUP OD 4U PROFILA
MAST ANCHOR ATTACHMENT FOR U-TOWER

64.001.036







Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

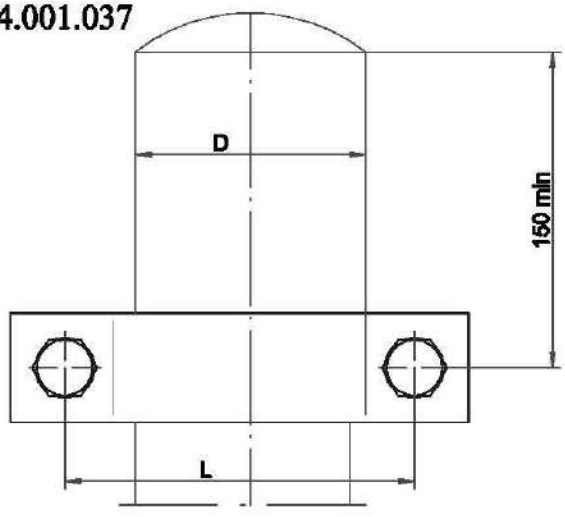
Kat. br. Cat. No.	Za stup For pole	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.123.100	U14	160	10,40
64.123.200	U16	180	10,80
64.123.300	U18	200	14,50
64.123.400	U20	220	15,10

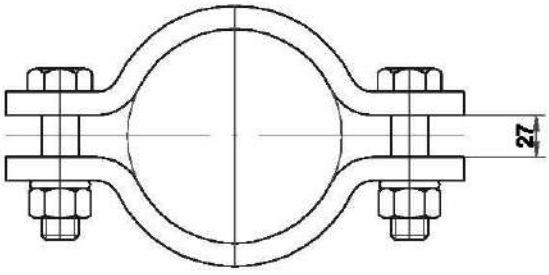
PRIČVRŠĆENJE SIDRA ZA CIJEVNE STUPOVE
MAST ANCHOR ATTACHMENT FOR TUBULAR POLES

64.001.037

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

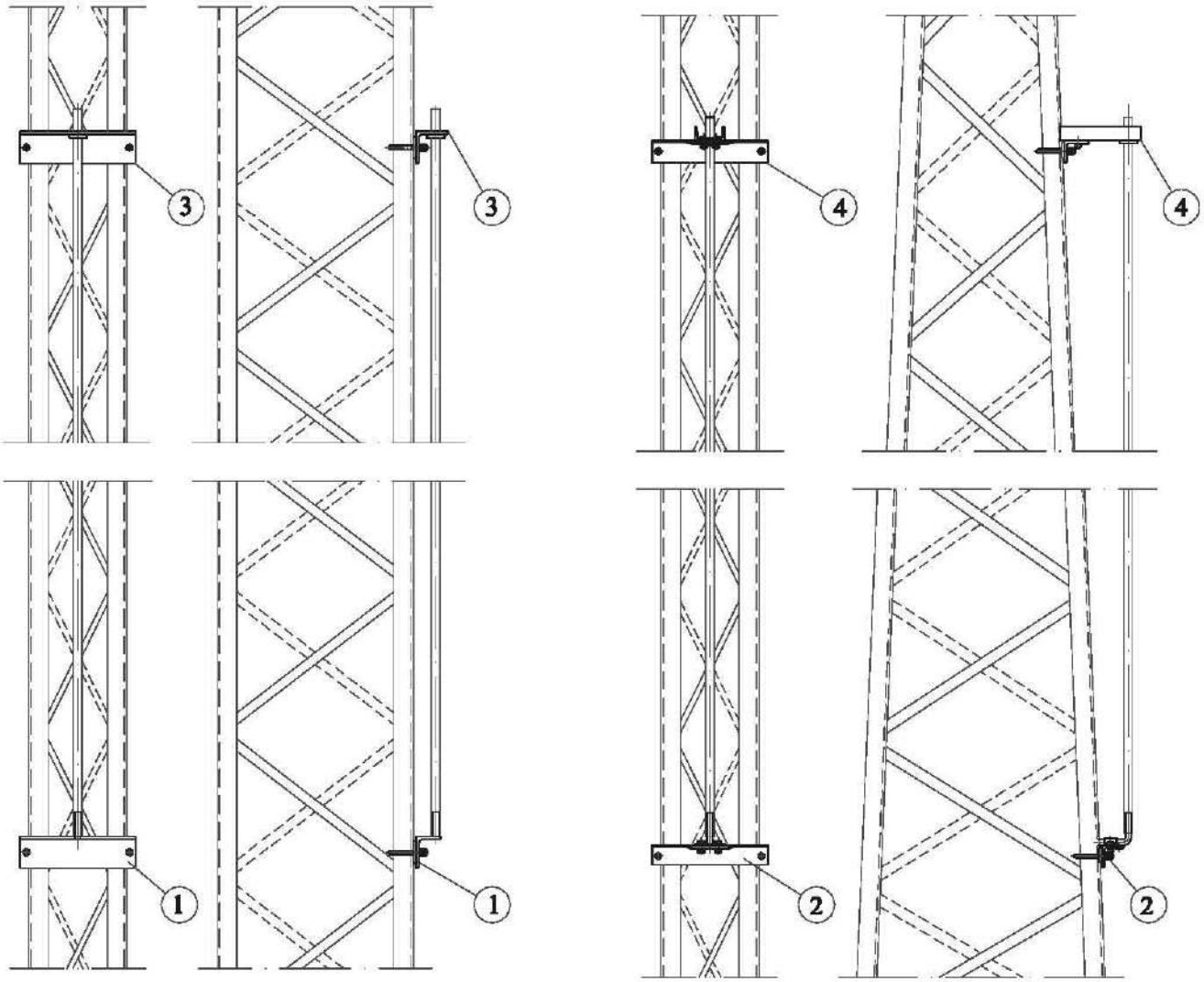
Kat. br. Cat. No.	Za stup For pole	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.131.500	Ø315	405	10,95
64.131.400	Ø267	360	9,37





PRIČVRŠĆENJE VODILICE UTEGA NA STUP KRUTOG PORTALA
ATTACHMENT OF WEIGHT GUIDE TO RIGID PORTAL

64.001.040

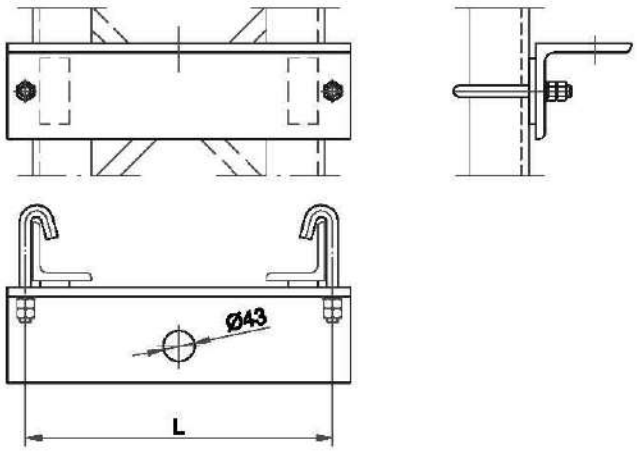


Poz. Item	Naziv sklopa Description
1	Donji pričvrsnik vodilice utega za stupove krutog portala Lower fastener of weight guide to rigid portal
2	Donji pričvrsnik vodilice utega za stupove krutog portala tip "R" Lower fastener of weight guide to rigid portal type "R"
3	Gornji pričvrsnik vodilice utega za stupove krutog portala Upper fastener of weight guide to rigid portal
4	Gornji pričvrsnik vodilice utega za stupove krutog portala tip "R" Upper fastener of weight guide to rigid portal type "R"

GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUPOVE KRUTOG PORTALA
UPPER FASTENER OF GUIDE WEIGTH FOR RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

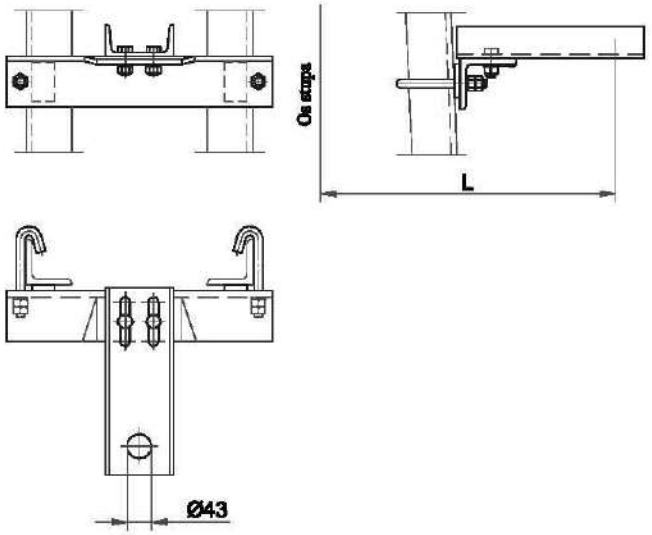
Kat. br. Cat. No.	Za stup For latice pole	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.137.200	AG	420	13,00
64.137.300	BG	520	15,50
64.137.400	CG	620	18,00
64.137.500	A1G	450	13,90
64.137.600	B1G	540	16,10
64.137.700	C1G	670	19,30



GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUPOVE KRUTOG PORTALA TIP "R"
UPPER FASTENER OF GUIDE WEIGTH FOR RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

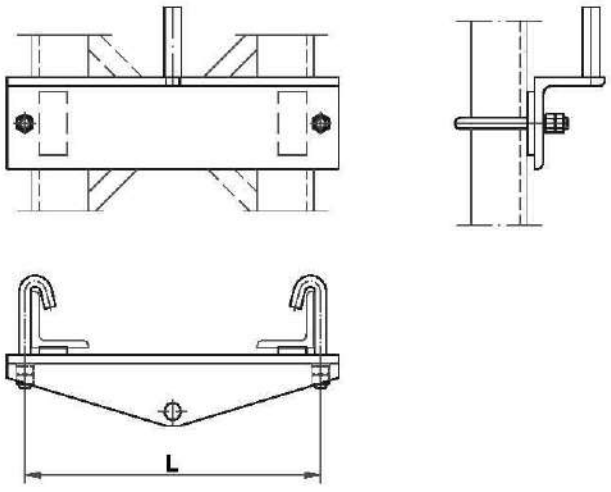
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.137.800	AR	625 - 665	12,30
64.137.900	BR	680 - 720	13,00
64.138.000	CR	760 - 800	14,20



DONJI PRIČVRSNIK VODILICE UTEGA ZA STUPOVE KRUTOG PORTALA
LOWER FASTENER OF GUIDE WEIGTH FOR RIGID PORTAL

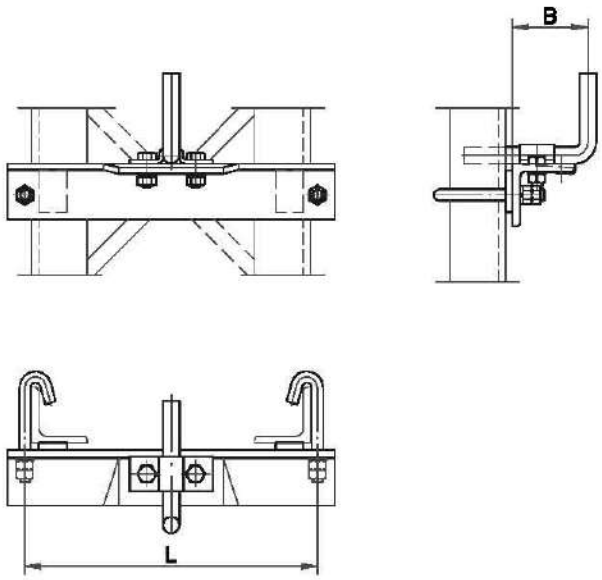
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Za stup For pole	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.136.300	AG	420	9,80
64.136.400	BG	520	11,50
64.136.500	CG	620	13,50
64.136.600	A1G	450	10,90
64.136.700	B1G	540	12,00
64.136.800	C1G	670	14,80



DONJI PRIČVRSNIK VODILICE UTEGA ZA STUPOVE KRUTOG PORTALA TIP "R"
LOWER FASTENER OF GUIDE WEIGTH FOR RIGID PORTAL TYPE "R"

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

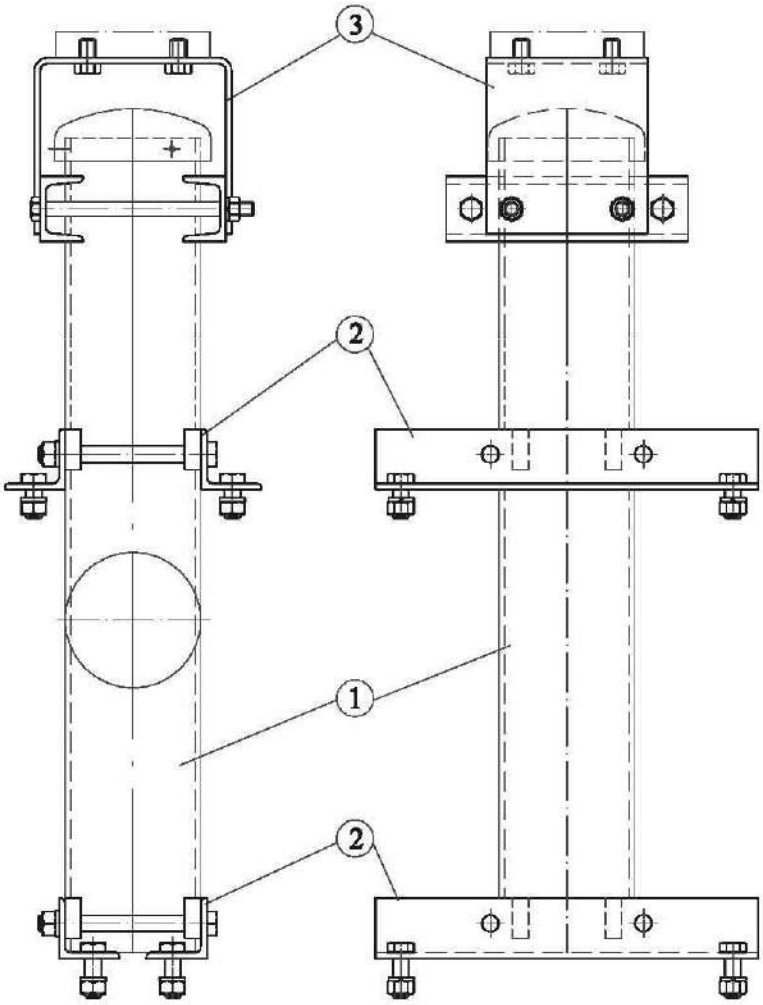


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L	B [mm]	Masa Mass [kg]
64.136.900	AR	420	90 - 130	9,10
64.137.000	BR	520	90 - 130	10,40
64.137.100	CR	620	115 - 155	11,20

PRIČVRŠĆENJE CIJEVNOG NOSAČA IZOLATORA OBILAZNOG VODA NA KRUTI PORTAL OD 4L PROFILA

ATTACHMENT OF TUBULAR INSULATOR SUPPORT TO RIGID PORTAL

64.001.042



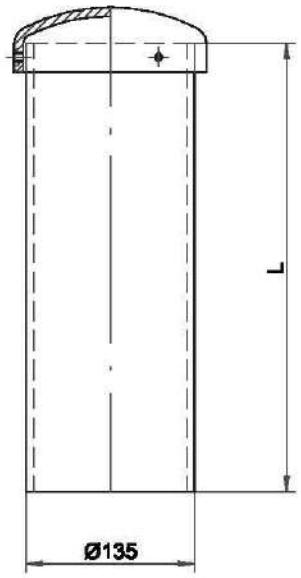
Poz. Item	Naziv sklopa Description
1	Cijevni nosač izolatora obilaznog voda na krutom portalu Tubular insulator support to the rigid portal
2	Pričvrsnik cijevnog nosača izolatora obilaznog voda na kruti portal Fastener of tubular insulator support to the rigid portal
3	Pričvrsnik izolatora obilaznog voda za vrh cijevnog stupa ili cijevnog nosača Feeder suspension atachment to the tubular pole top

CIJEVNI NOSAČ IZOLATORA OBILAZNOG VODA NA KRUTOM PORTALU
TUBE SUPPORT INSULATOR TO RIGID PORTAL

64.104.300

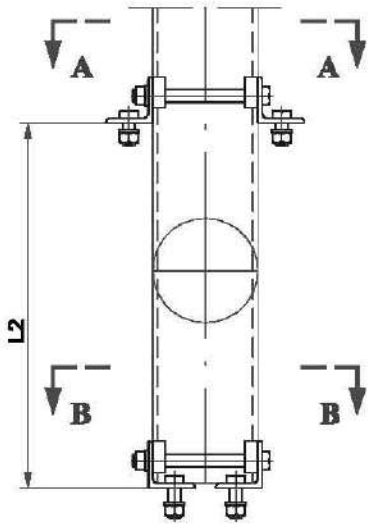
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

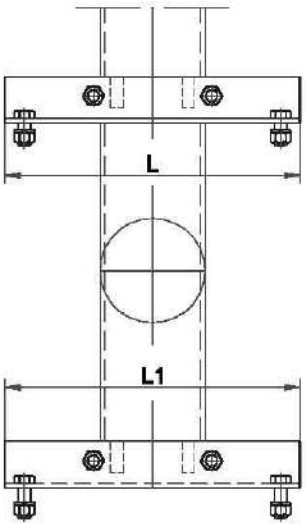
Tip Type		A	B	C	D
Dužina Length	L (mm)	2500	2710	2950	3750
Masa Mass	(kg)	50,31	54,38	59,04	74,56

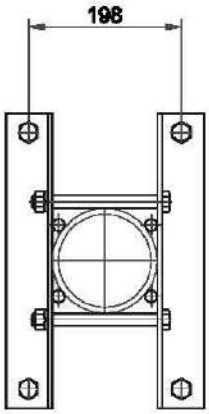


PRIČVRSNIK CIJEVNOG NOSAČA IZOLATORA OBILAZNOG VODA NA KRUTI PORTAL OD 4L PROFILA
FASTENER FOR TUBULAR INSULATOR SUPPORT TO RIGID PORTAL

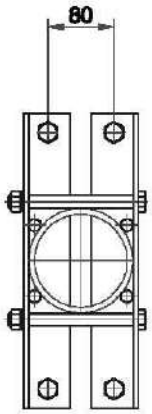
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized







Presjek: A - A
Section: A - A



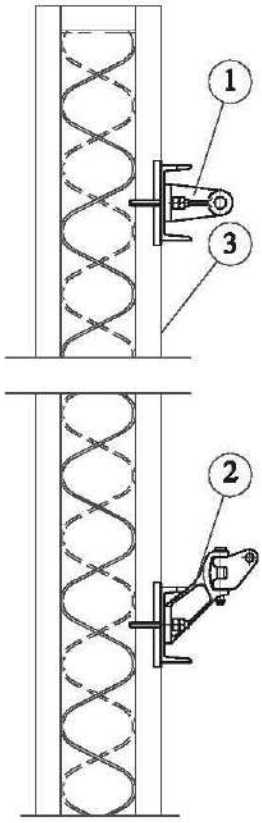
Presjek: B - B
Section: B - B

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	L1 [mm]	L2 [mm]	Masa Mass [kg]
64.138.800	A	380	380	480	11,90
64.138.900	B	470	470	700	13,90
64.139.000	C	540	540	920	15,50
64.139.100	A1			510	11,60
64.139.200	B1	470	480	720	15,30
64.139.300	C1	590	590	950	19,20

PRIČVRŠĆENJE JEDNOSTRUKA KONZOLE NA NOSAČ OPREME KRUTOG PORTALA 65 I 80
ATTACHMENT OF SINGLE CANTILEVER ON ASSEMBLY FOR RIGID PORTAL

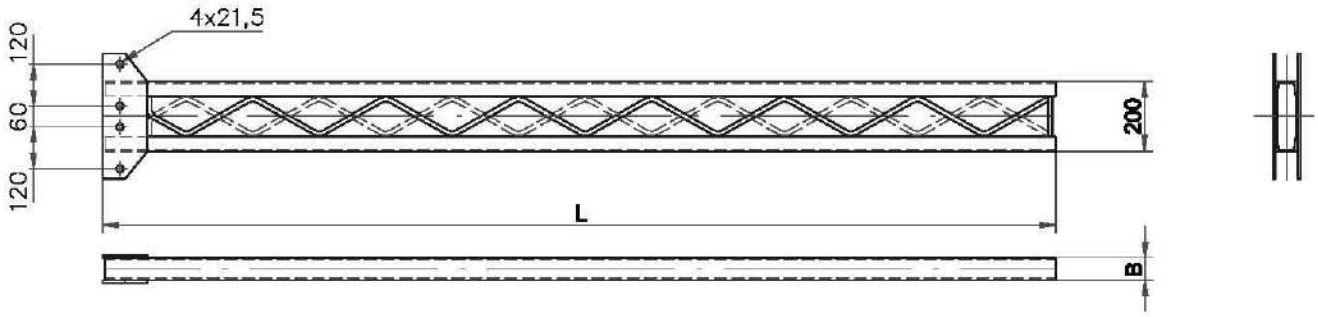
64.001.046

Poz. Item	Naziv sklopa Description
1	Pričvrsnik zatege za nosač opreme 65 Top member attachment for U towers 65
2	Zglobni pričvrsnik kosnika za nosač opreme krutog portala 65 Strut member attachment for rigid portal 65
3	Nosač opreme krutog portala Assembly for rigid portal



NOSAČ OPREME KRUTOG PORTALA
ASSEMBLY FOR RIGID PORTAL

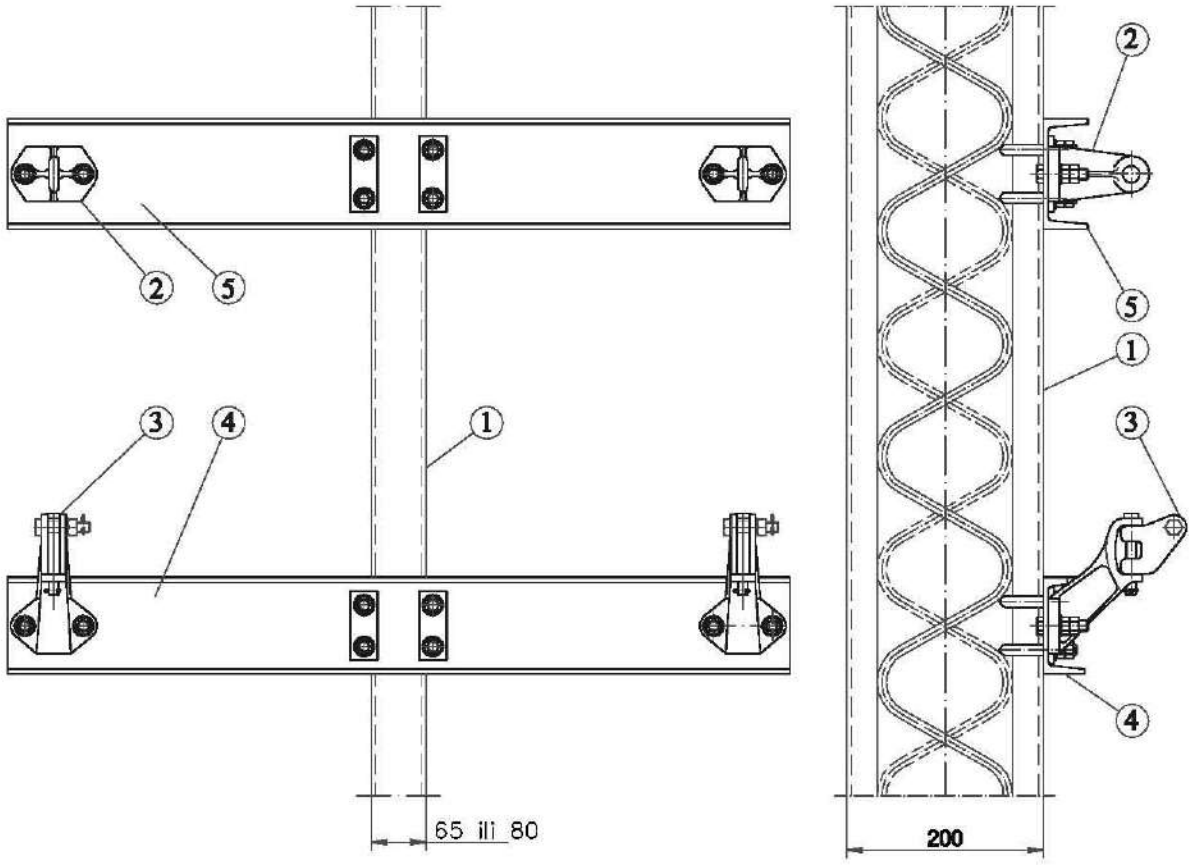
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Dimenzije Dimensions L	 B	Masa Mass
	[mm]		[kg]
64.103.400	2740	65	51,50
64.103.500	2740	80	62,00
64.103.600	1976	65	49,94

PRIČVRŠĆENJE DVOSTRUKE KONZOLE NA NOSAČ OPREME KRUTOG PORTALA 65 I 80
ATTACHMENT OF DOUBLE CANTILEVER ON ASSEMBLY FOR RIGID PORTAL

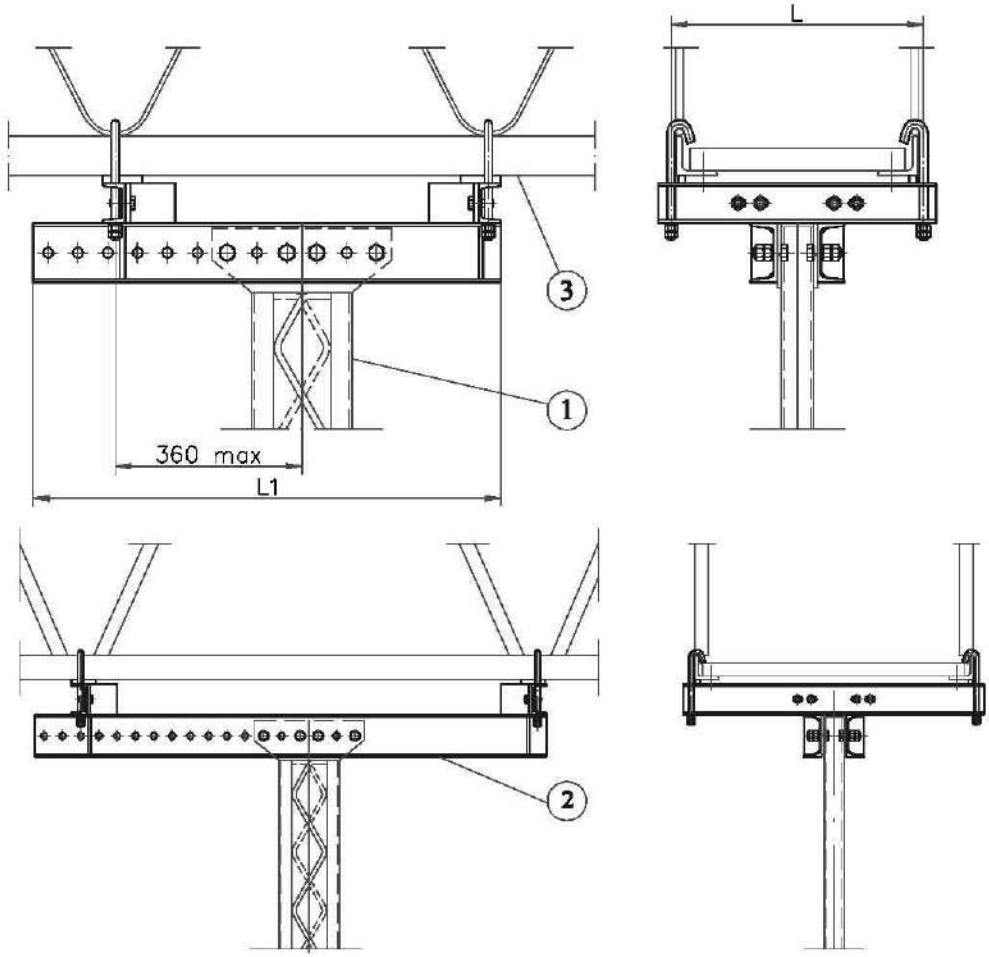
65.. 64.001.047 80.. 64.001.049



Poz. Item	Naziv sklopa Description
1	Nosač opreme krutog portala 65 i 80 Assembly for rigid portal 65 and 80
2	Pričvrsnik zatege za nosač opreme 65 i 80 Top member attachment for U towers 65 and 80
3	Zglobni pričvrsnik kosnika za nosač opreme krutog portala 65 i 80 Strut member attachment for rigid portal 65 and 80
4	Nosač zglobnog pričvrsnika kosnika dvostruke konzole na nosaču opreme krutog portala 65 i 80 Support for strut member attachment of double crossarms to assembly for rigid portal 65 and 80
5	Nosač pričvrsnika zatege dvostruke konzole na nosaču opreme krutog portala 65 i 80 Support for top member attachment of double crossarms to assembly for rigid portal 65 and 80

PRIČVRŠĆENJE NOSAČA OPREME NA GREDU KRUTOG PORTALA OD 4 L PROFILA
ASSEMBLY FOR CROSSARM OF RIGID PORTAL

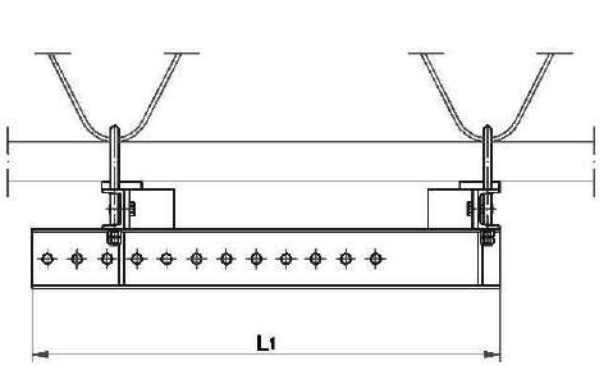
64.001.051



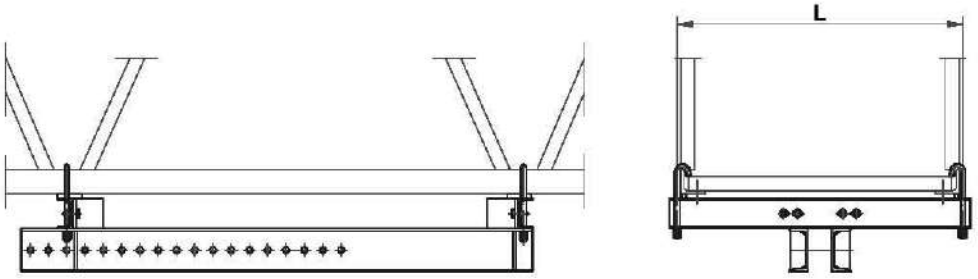
Poz. Item	Naziv sklopa Description
1	Nosač opreme za gredu krutog portala Assembly for crossarm of rigid portal
2	Pričvrsnik nosača opreme za gredu krutog portala Support festener of assembly for crossarm of rigid portal
3	Greda krutog portala od 4L profila Rigid portal

PRIČVRSNIK NOSAČA OPREME ZA GREDU KRUTOG PORTALA
SUPPORT FESTENER OF ASSEMBLY FOR CROSSARM OF RIGID PORTAL

Tip 01
Type 01



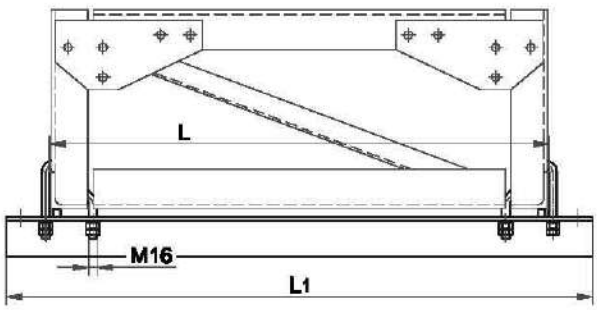
Tip 02
Type 02

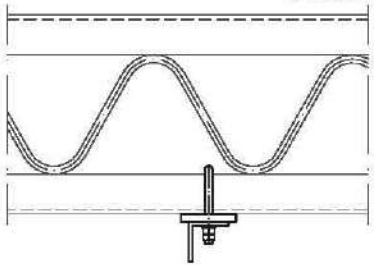


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	L1	Masa Mass Tip/Type 01 [kg]	Tip/Type 02
64.139.700	A	508	940	48,30	49,60
64.139.800	B	729	945	51,20	51,40
64.139.900	C	938	1680	93,80	
64.140.000	A1	1024	1074	72,70	
64.140.100	B1	1224	1274	89,40	
64.140.200	C1	1418	1468	115,90	

PRIČVRŠĆENJE NOSIVOG UŽETA U ČVRSTOJ TOČCI ZA GREDU KRUTOG PORTALA OD 4L PROFILA
FIXED TERMINATION ATTACHMENT WITHOUT ANCHOR ROD FOR RIGID PORTALS

64.001.052



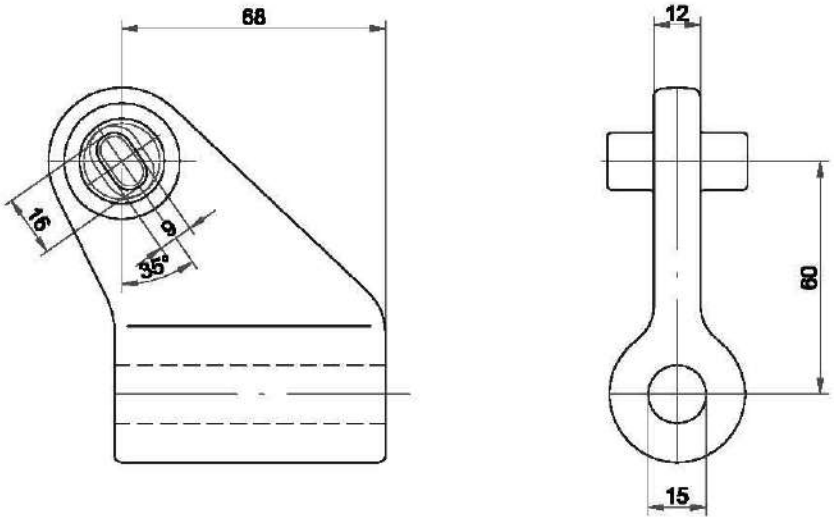


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	L1	Masa Mass [kg]
64.139.400	A1	1000	1180	13,80
64.139.500	B1	1200	1380	15,61
64.139.600	C1	1400	1580	21,15

ZASTAVICA ZA PRIČVRSNIK KOSNIKA
HINGE FOR BOTTOOM FASTENER

43.64.198

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 0,75 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 0,75 kg

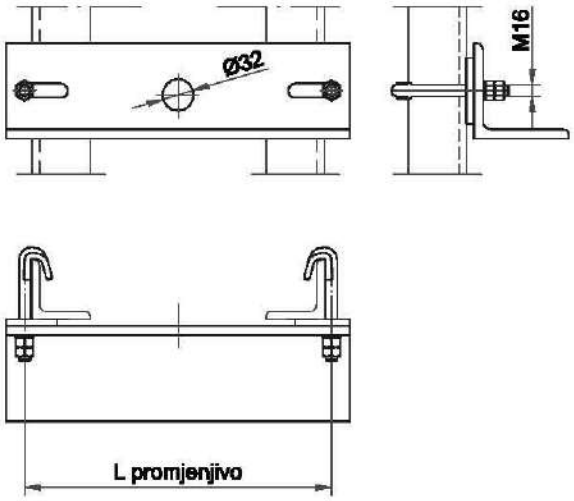


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 1
FASTENER FOR ACROSS CONDUCTOR

64.127.000

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type		A	B	C	D	E
Dužina / Length	L [mm]	660	685	720	745	800
Masa / Mass	[kg]	12,40	12,70	13,30	13,60	14,50

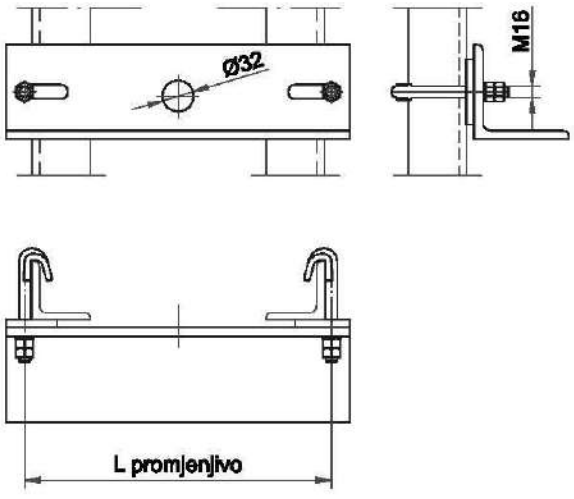


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 2
FASTENER FOR ACROSS CONDUCTOR

64.127.100

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type		A	B	C	D	E
Dužina / Length	L [mm]	660	685	720	745	800
Masa / Mass	[kg]	12,40	12,70	13,30	13,60	14,50

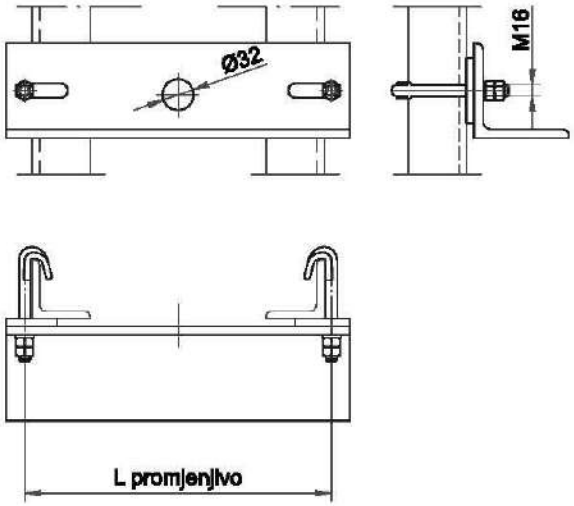


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 3
FASTENER FOR ACROSS CONDUCTOR

64.127.200

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type		A	B	C
Dužina / Length	L [mm]	745	810	880
Masa / Mass	[kg]	13,90	15,00	16,10

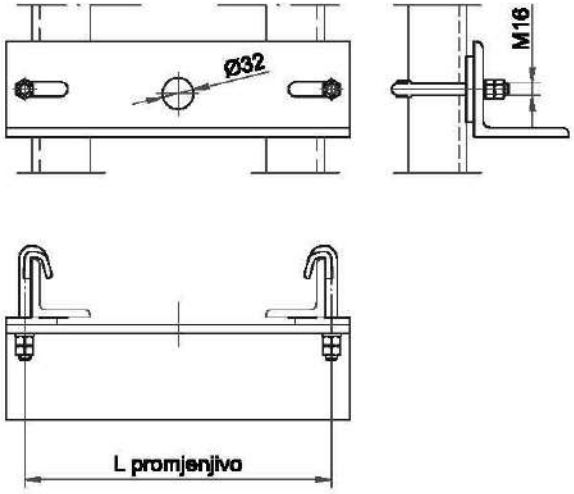


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 4
FASTENER FOR ACROSS CONDUCTOR

64.127.300

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type		A	B	C	D	E
Dužina / Length	L [mm]	812	880	949	1017	1086
Masa / Mass	[kg]	19,10	20,30	21,90	23,40	24,80

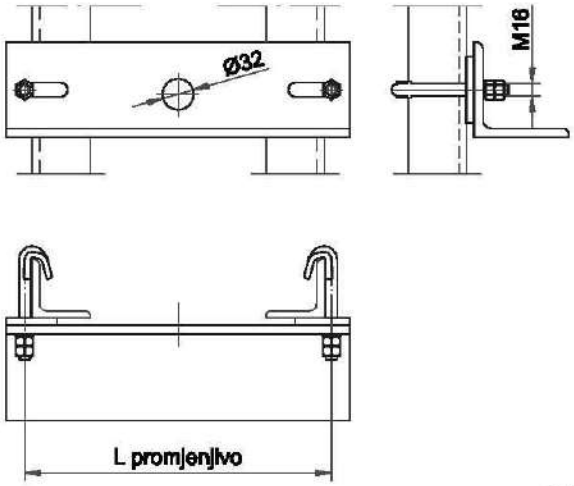


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 5
FASTENER FOR ACROSS CONDUCTOR

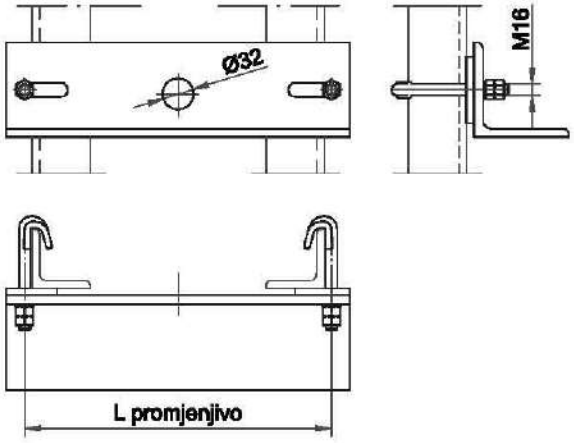
64.127.400

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type		A	B	C	D	E
Dužina / Length	L [mm]	812	880	949	1017	1086
Masa / Mass	[kg]	19,20	20,50	22,00	23,50	25,00



PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 6
FASTENER FOR ACROSS CONDUCTOR

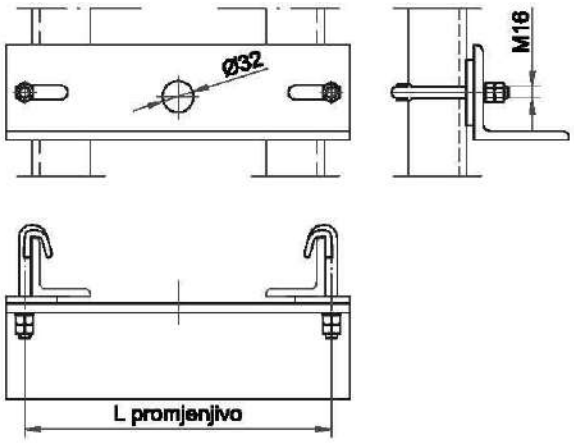


64.127.500

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,80	25,40	27,00	28,50	29,20	30,80	34,50	36,00	37,20

PRIČVRSNIK ČVRSTOG ZATEZANJA ZA STUP GP 4
FASTENER FOR FIXED TENSIONER

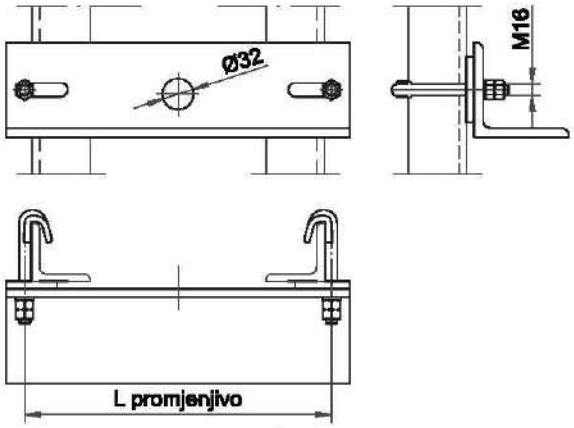


64.127.600

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,70	25,30	26,90	28,40	29,10	30,70	34,40	35,90	37,10

PRIČVRSNIK ČVRSTOG ZATEZANJA ZA STUP GP 5
FASTENER FOR FIXED TENSIONER

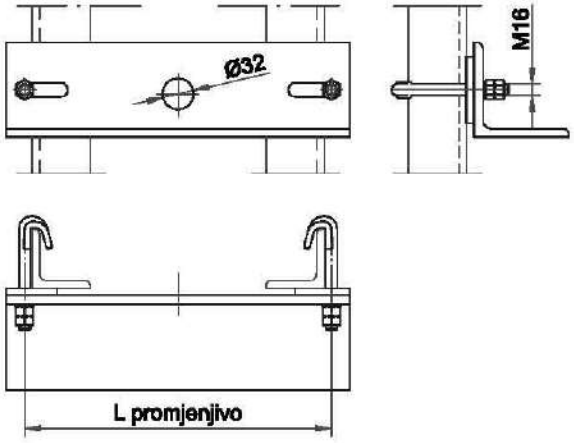


64.127.700

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,80	25,40	27,00	28,50	29,20	30,80	34,50	36,00	37,20

PRIČVRSNIK ČVRSTOG ZATEZANJA ZA STUP GP 6
FASTENER FOR FIXED TENSIONER

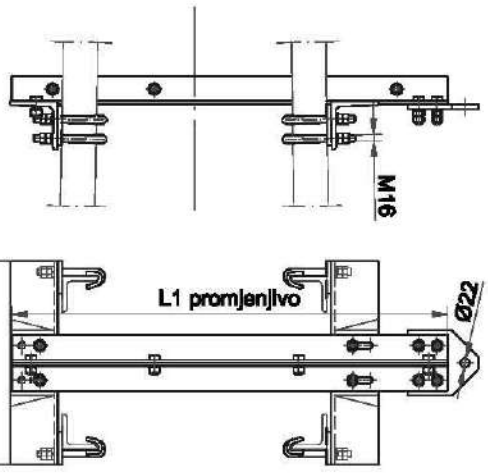


64.127.800

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,80	25,40	27,00	28,50	29,20	30,80	34,50	36,00	37,20

PRIČVRSNIK AUTOMATSKOG ZATEZANJA ZA STUP GP 4
FASTENER FOR AUTOMATIC TENSIONER

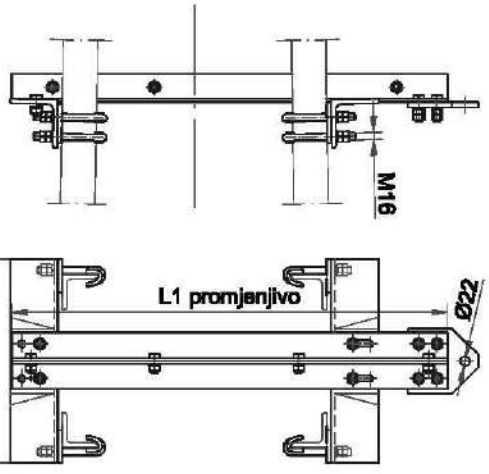


64.127.900

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F
Dužina / Length L [mm]	840	903	966	1029	1058	1124
Dužina / Length L1[mm]	1082	1142	1202	1262	1290	1354
Masa / Mass [kg]	44,40	46,90	49,40	51,70	52,90	55,40

PRIČVRSNIK AUTOMATSKOG ZATEZANJA ZA STUP GP 5
FASTENER FOR AUTOMATIC TENSIONER



64.128.000

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

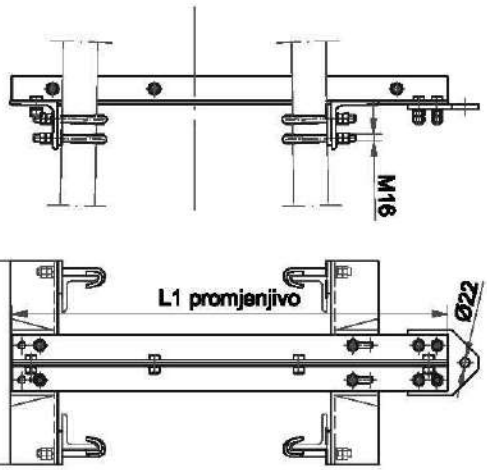
Tip / Type	A	B	C	D	E	F
Dužina / Length L [mm]	840	903	966	1029	1058	1124
Dužina / Length L1[mm]	1082	1142	1202	1262	1290	1354
Masa / Mass [kg]	44,20	46,70	49,20	51,50	52,70	55,20

PRIČVRSNIK AUTOMATSKOG ZATEZANJA ZA STUP GP 6
FASTENER FOR AUTOMATIC TENSIONER

64.128.100

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F
Dužina / Length L [mm]	840	903	966	1029	1058	1124
Dužina / Length L1[mm]	1082	1142	1202	1262	1290	1354
Masa / Mass [kg]	44,20	46,70	49,20	51,50	52,70	55,20

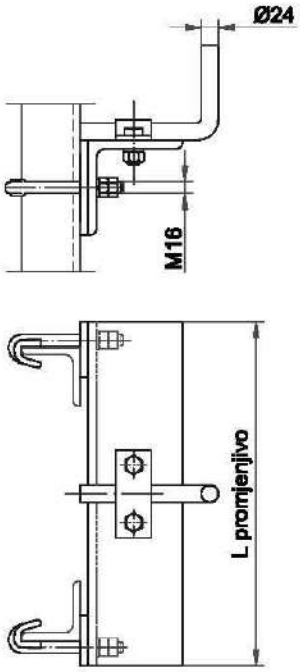


DONJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 4
BOTTOM FASTENER FOR WEIGHT TUBE

64.128.200

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H
Dužina / Length L [mm]	1170	1230	1290	1350	1434	1498	1704	1768
Masa / Mass [kg]	18,80	19,50	20,00	21,00	22,00	23,00	25,50	26,50

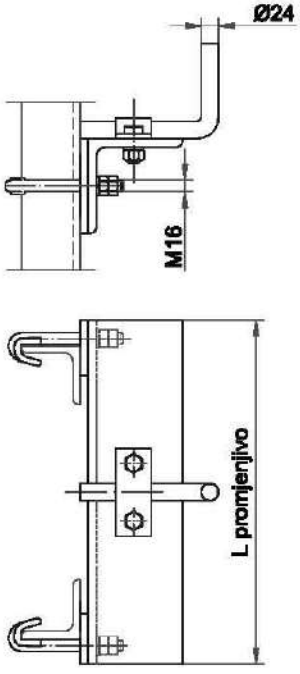


DONJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 5
BOTTOM FASTENER FOR WEIGHT TUBE

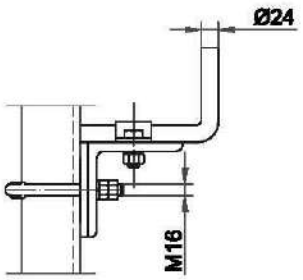
64.128.300

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H
Dužina / Length L [mm]	1170	1230	1290	1350	1434	1498	1704	1768
Masa / Mass [kg]	19,00	19,70	20,20	21,20	22,20	23,20	25,70	26,70

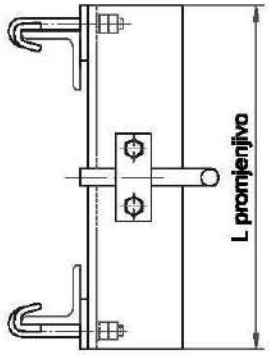


DONJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 6
BOTTOM FASTENER FOR WEIGHT TUBE



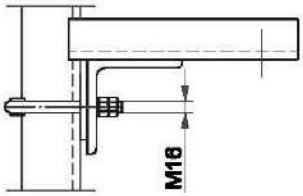
64.128.400

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



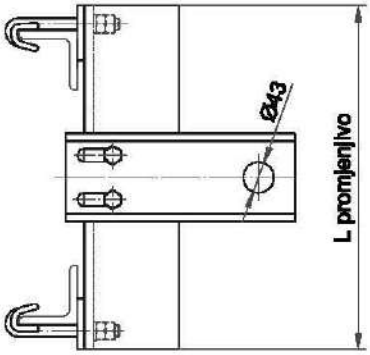
Tip / Type	A	B	C	D	E	F	G	H
Dužina / Length L [mm]	1170	1230	1290	1350	1434	1498	1704	1768
Masa / Mass [kg]	19,00	19,70	20,20	21,20	22,20	23,20	25,70	26,70

GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 4
UPPER FASTENER FOR WEIGHT TUBE



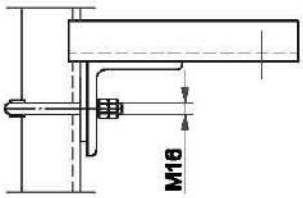
64.128.500

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



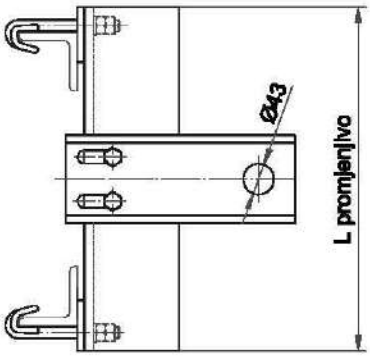
Tip / Type	A	B	C	D	E	F	G	H
Dužina / Length L [mm]	970	1030	1090	1150	1190	1254	1460	1524
Masa / Mass [kg]	18,90	19,90	20,40	21,40	21,90	22,40	25,40	25,90

GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 5
UPPER FASTENER FOR WEIGHT TUBE



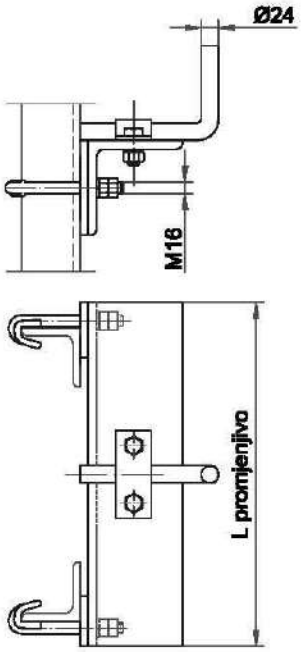
64.128.600

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Tip / Type	A	B	C	D	E	F	G	H
Dužina / Length L [mm]	970	1030	1090	1150	1190	1254	1460	1524
Masa / Mass [kg]	19,00	20,00	20,50	21,50	22,00	22,50	25,50	26,00

GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 6
UPPER FASTENER FOR WEIGHT TUBE



64.128.700

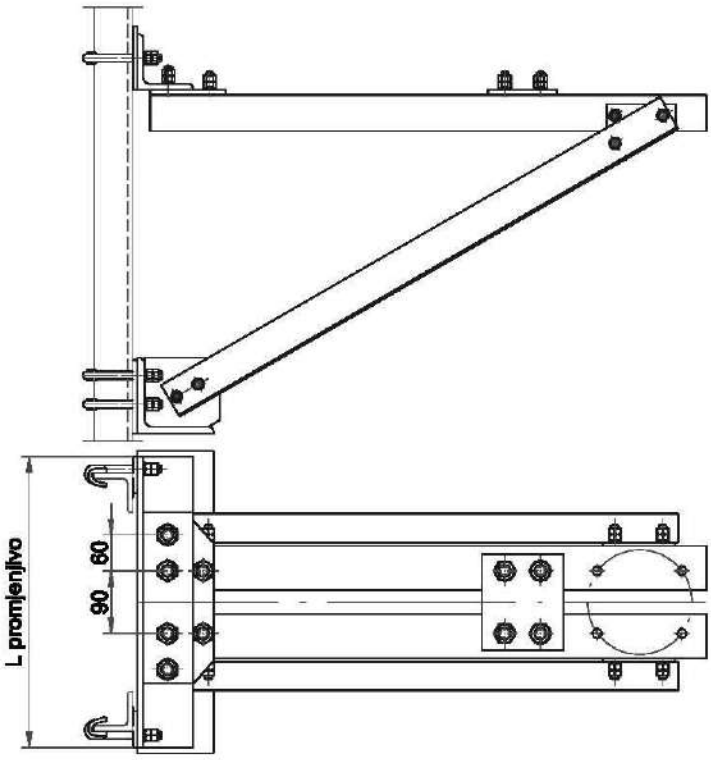
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H
Dužina / Length L [mm]	970	1030	1090	1150	1190	1254	1460	1524
Masa / Mass [kg]	19,00	20,00	20,50	21,50	22,00	22,50	25,50	26,00

KONZOLA POTPORNOG IZOLATORA ZA STUP GP 1
CROSS ARM FOR POST INSULATOR

64.128.800

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

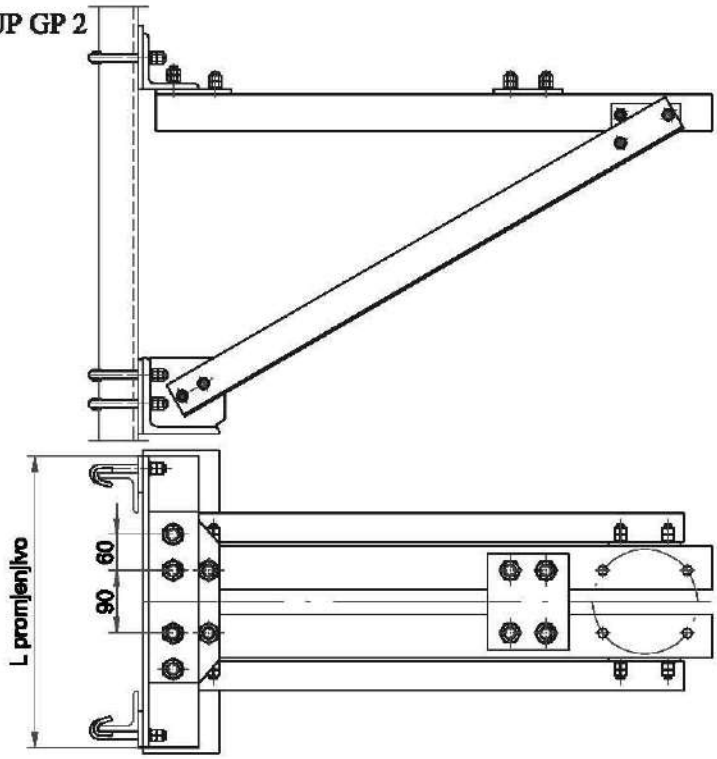


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,0	45,4	46,1	46,0	48,9	48,7	50,5	52,3	54,2	50,3	52,2	54,0	52,5	54,3	55,9

KONZOLA POTPORNOG IZOLATORA ZA STUP GP 2
CROSS ARM FOR POST INSULATOR

64.128.900

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

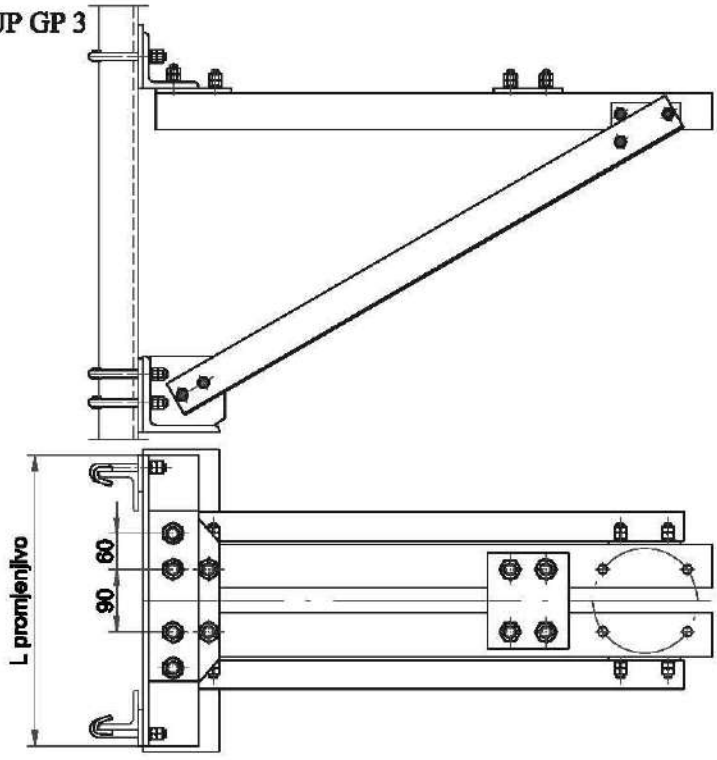


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,0	45,4	46,1	46,0	48,9	48,7	50,5	52,3	54,2	50,3	52,2	54,0	52,5	54,3	55,9

KONZOLA POTPORNOG IZOLATORA ZA STUP GP 3
CROSS ARM FOR POST INSULATOR

64.129.000

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

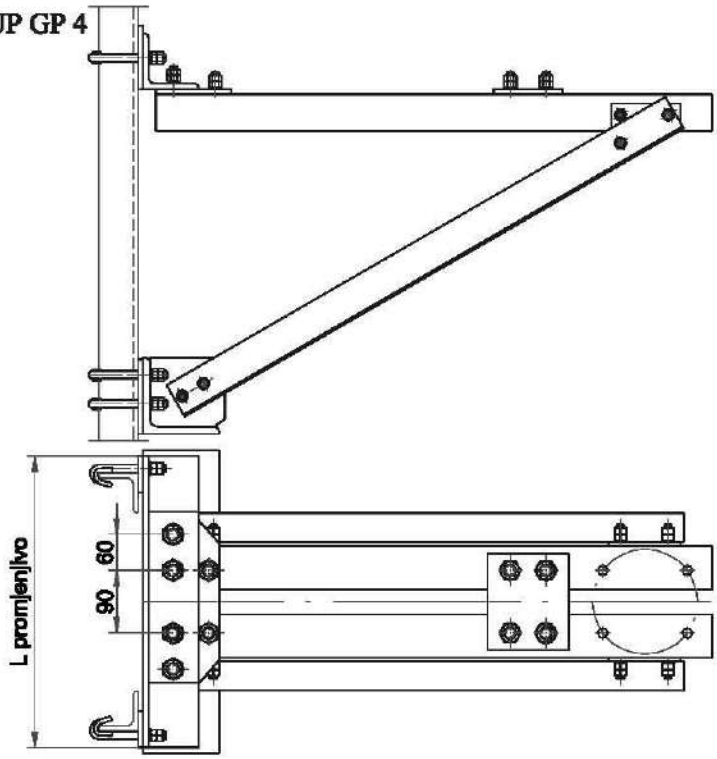


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,0	45,4	46,1	46,0	48,9	48,7	50,5	52,3	54,2	50,3	52,2	54,0	52,5	54,3	55,9

KONZOLA POTPORNOG IZOLATORA ZA STUP GP 4
CROSS ARM FOR POST INSULATOR

64.129.100

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

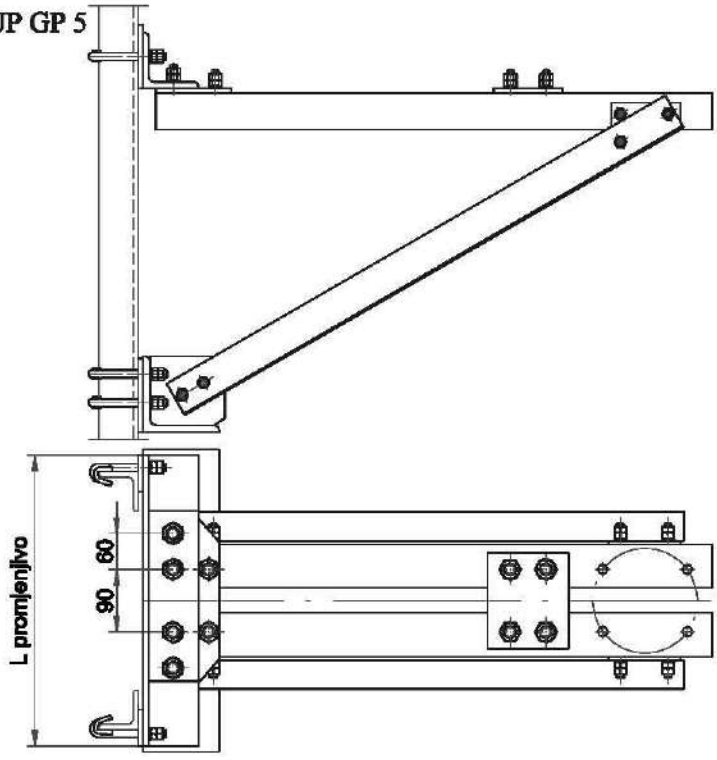


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,2	45,6	46,3	46,2	49,1	48,9	50,7	52,5	54,4	50,5	52,4	54,2	52,7	54,5	56,1

KONZOLA POTPORNOG IZOLATORA ZA STUP GP 5
CROSS ARM FOR POST INSULATOR

64.129.200

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

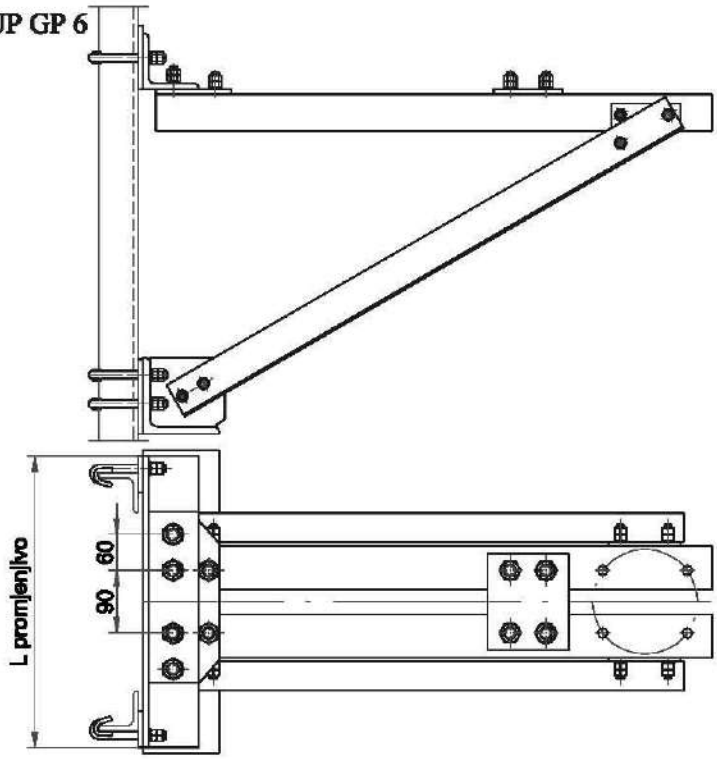


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,4	45,8	46,5	46,4	49,3	49,1	50,9	52,7	54,6	50,7	52,6	54,4	52,9	54,7	56,3

KONZOLA POTPORNOG IZOLATORA ZA STUP GP 6
CROSS ARM FOR POST INSULATOR

64.129.300

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

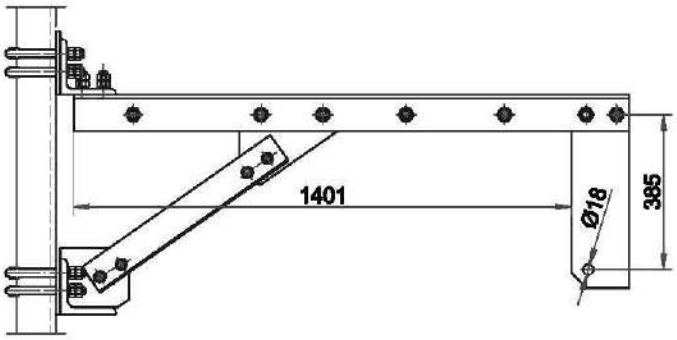


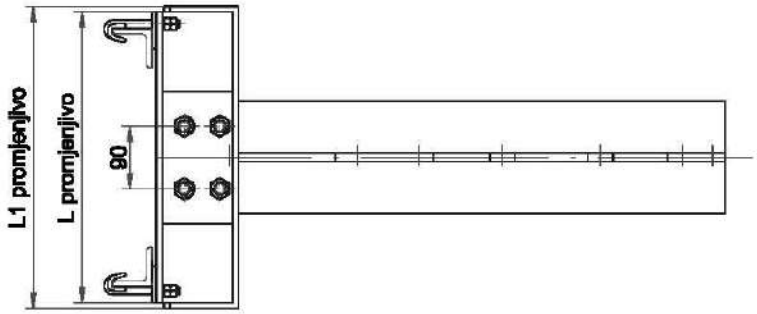
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,4	45,8	46,5	46,4	49,3	49,1	50,9	52,7	54,6	50,7	52,6	54,4	52,9	54,7	56,3

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 1
CROSS ARM FOR SUSPENSION INSULATOR

64.129.400

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



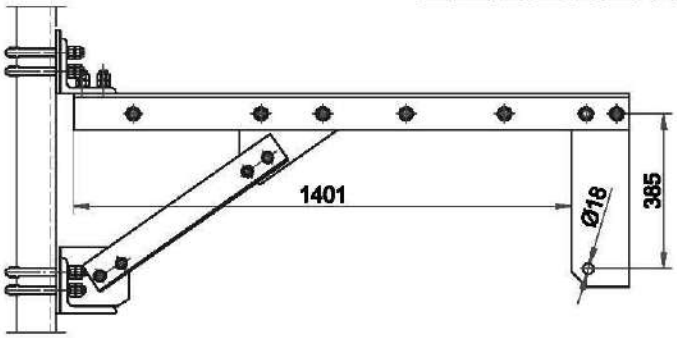


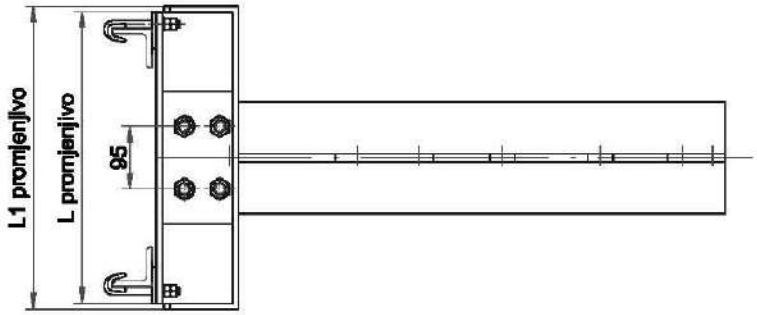
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1 [mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	55,8	58,1	57,5	59,7	60,4	62,9	65,3	63,1	65,7	64,2	66,6	73,0	75,9

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 2
CROSS ARM FOR SUSPENSION INSULATOR

64.129.500

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



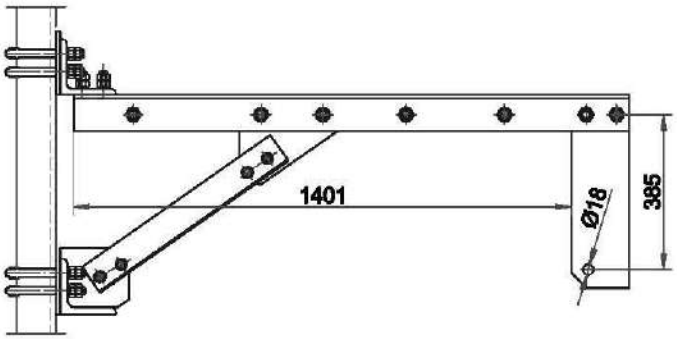


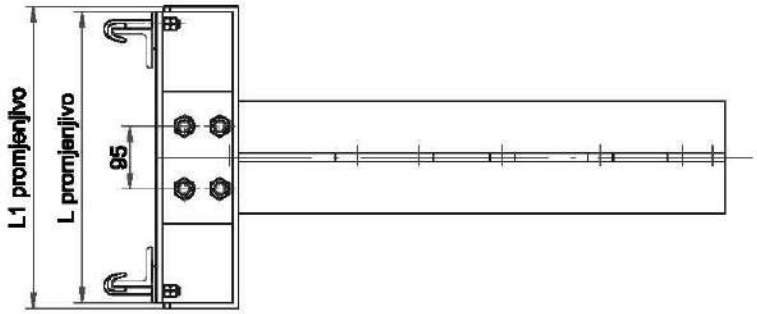
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	55,8	58,1	57,5	59,7	60,4	62,9	65,3	63,1	65,7	64,2	66,6	73,0	75,9

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 3
CROSS ARM FOR SUSPENSION INSULATOR

64.129.600

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



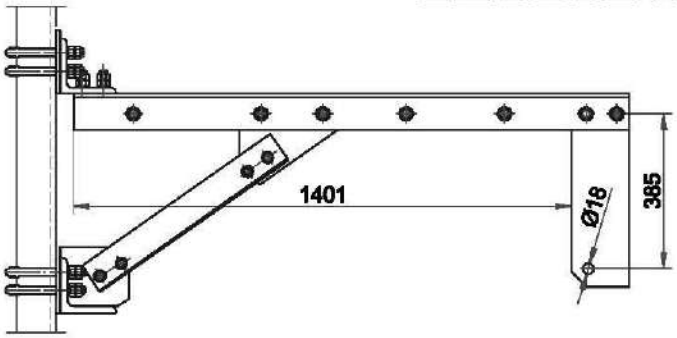


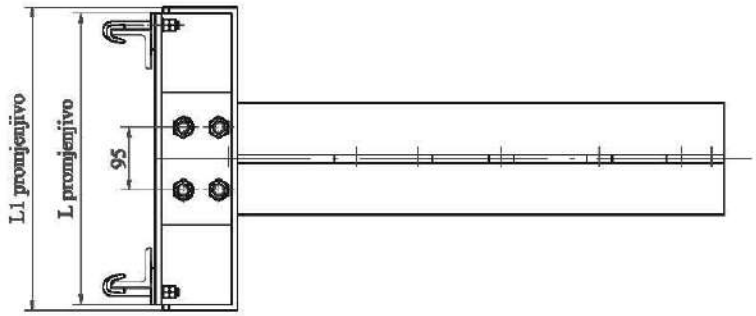
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	55,8	58,1	57,5	59,7	60,4	62,9	65,3	63,1	65,7	64,2	66,6	73,0	75,9

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 4
CROSS ARM FOR SUSPENSION INSULATOR

64.129.700

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



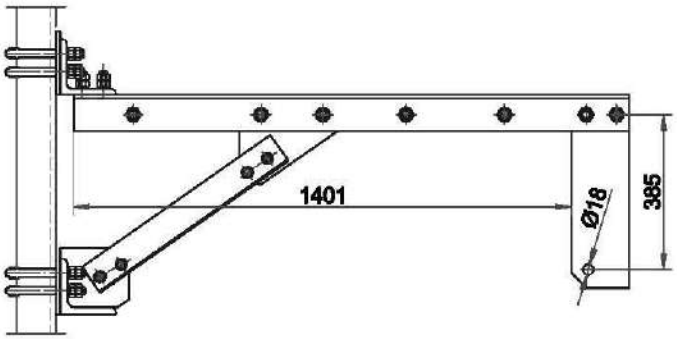


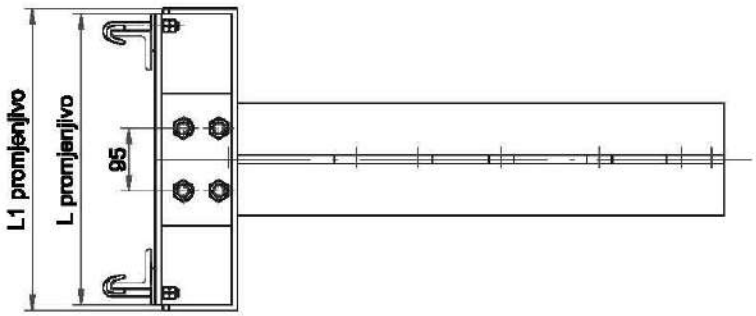
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	56,0	58,3	57,7	59,9	60,6	63,1	65,5	63,3	65,9	64,4	66,8	73,2	76,1

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 5
CROSS ARM FOR SUSPENSION INSULATOR

64.129.800

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



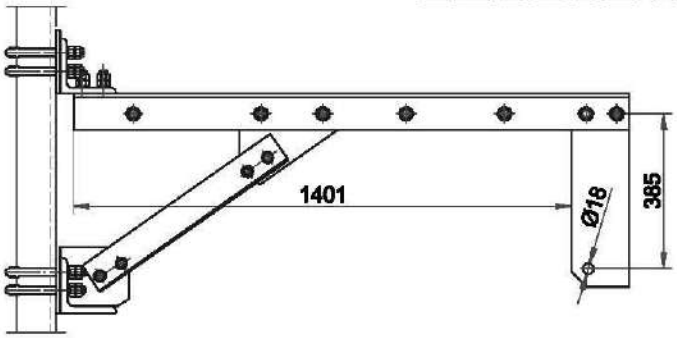


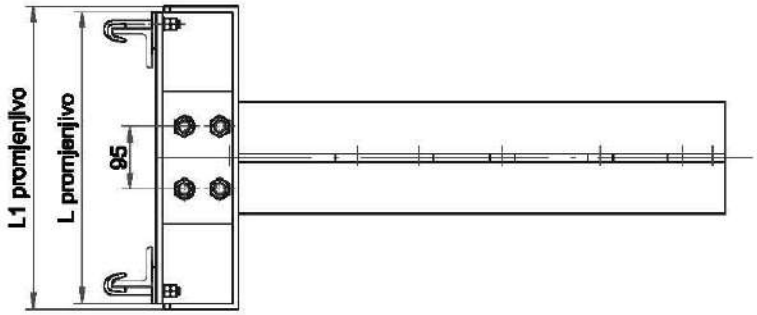
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	56,3	58,6	58,0	60,2	60,9	63,4	65,8	63,6	66,2	64,7	67,1	73,5	76,4

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 6
CROSS ARM FOR SUSPENSION INSULATOR

64.129.900

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



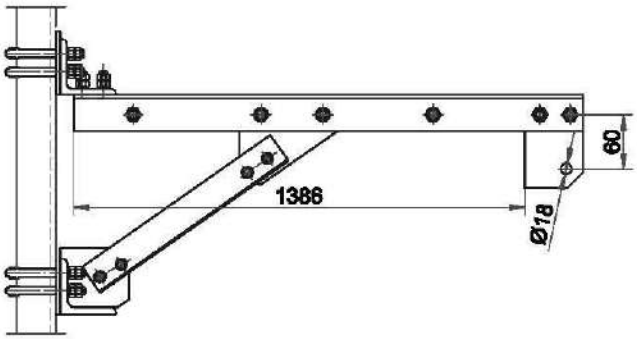


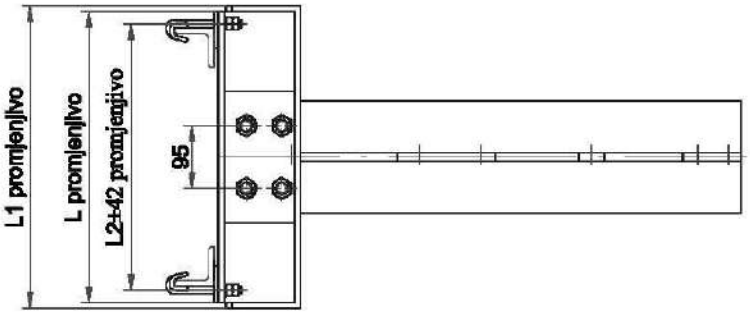
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	56,3	58,6	58,0	60,2	60,9	63,4	65,8	63,6	66,2	64,7	67,1	73,5	76,4

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 1
CROSS ARM FOR SUSPENSION INSULATOR

64.130.000

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



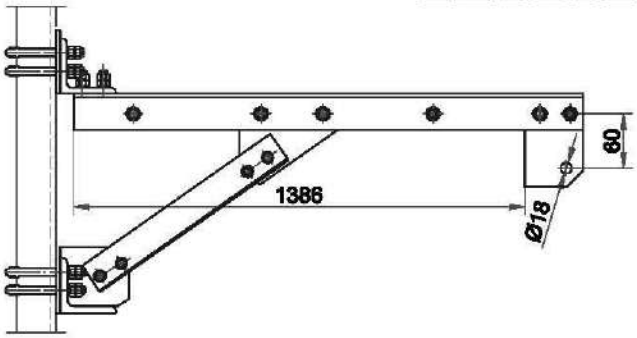


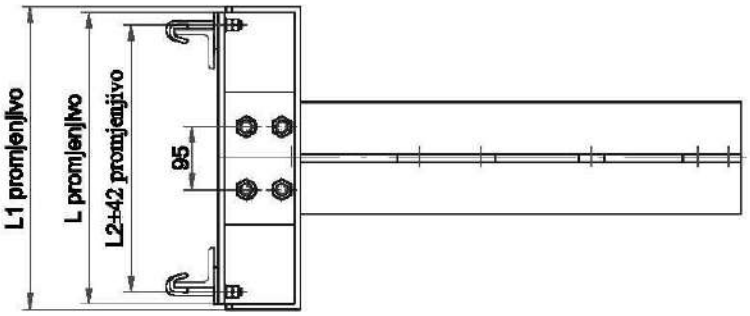
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	47,9	50,2	49,6	51,8	52,5	55,0	57,4	55,2	57,8	56,3	58,7	65,1	68,0

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 2
CROSS ARM FOR SUSPENSION INSULATOR

64.130.100

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



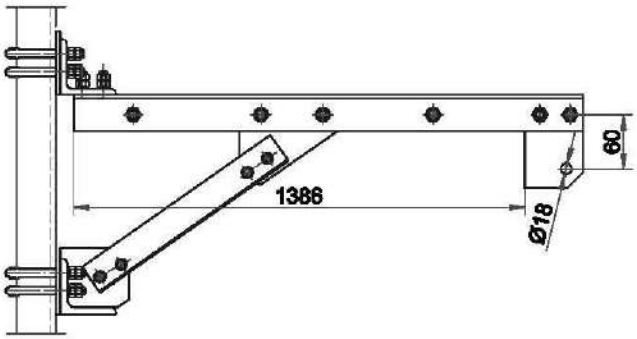


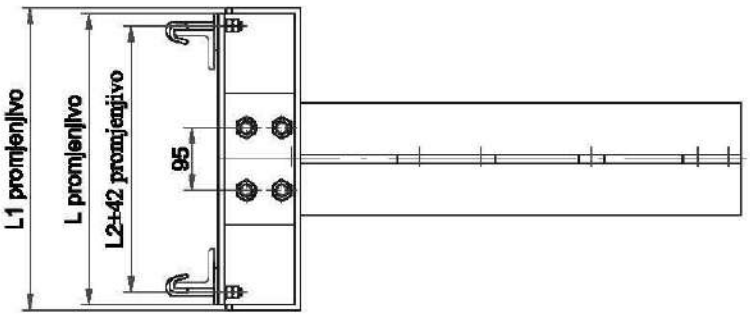
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	47,9	50,2	49,6	51,8	52,5	55,0	57,4	55,2	57,8	56,3	58,7	65,1	68,0

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 3
CROSS ARM FOR SUSPENSION INSULATOR

64.130.200

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



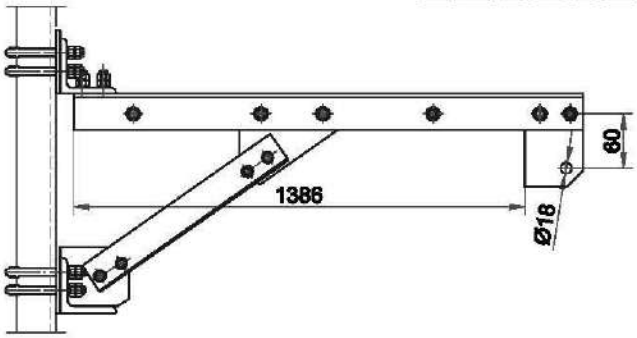


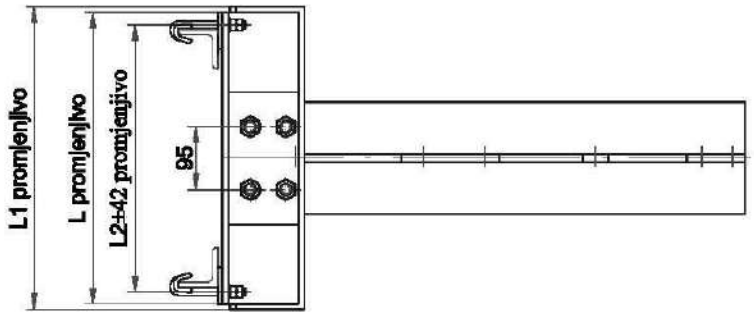
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	47,9	50,2	49,6	51,8	52,5	55,0	57,4	55,2	57,8	56,3	58,7	65,1	68,0

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 4
CROSS ARM FOR SUSPENSION INSULATOR

64.130.300

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



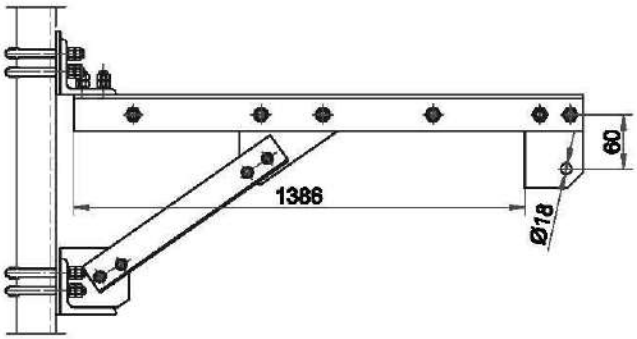


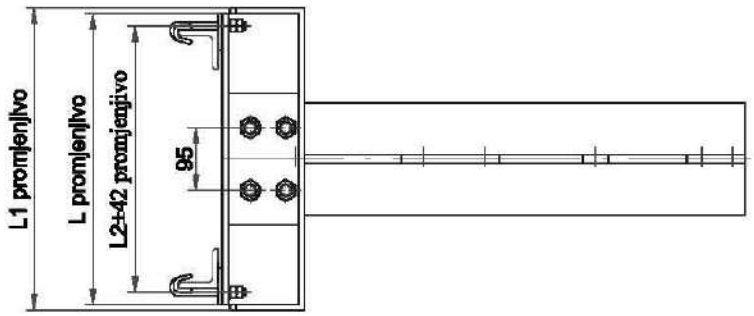
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	48,1	50,4	49,8	52,0	52,7	55,2	57,6	55,4	58,0	56,5	58,9	65,3	68,2

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 5
CROSS ARM FOR SUSPENSION INSULATOR

64.130.400

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



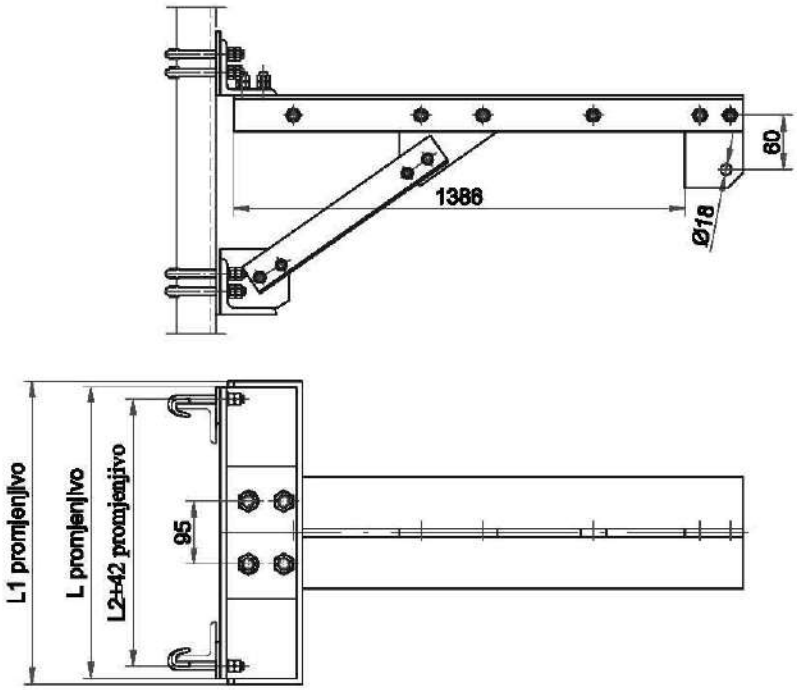


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	48,4	50,7	50,1	52,3	53,0	55,5	57,9	55,7	58,3	56,8	59,2	65,6	68,5

KONZOLA VISEĆEG IZOLATORA ZA STUP GP 4
CROSS ARM FOR SUSPENSION INSULATOR

64.130.500

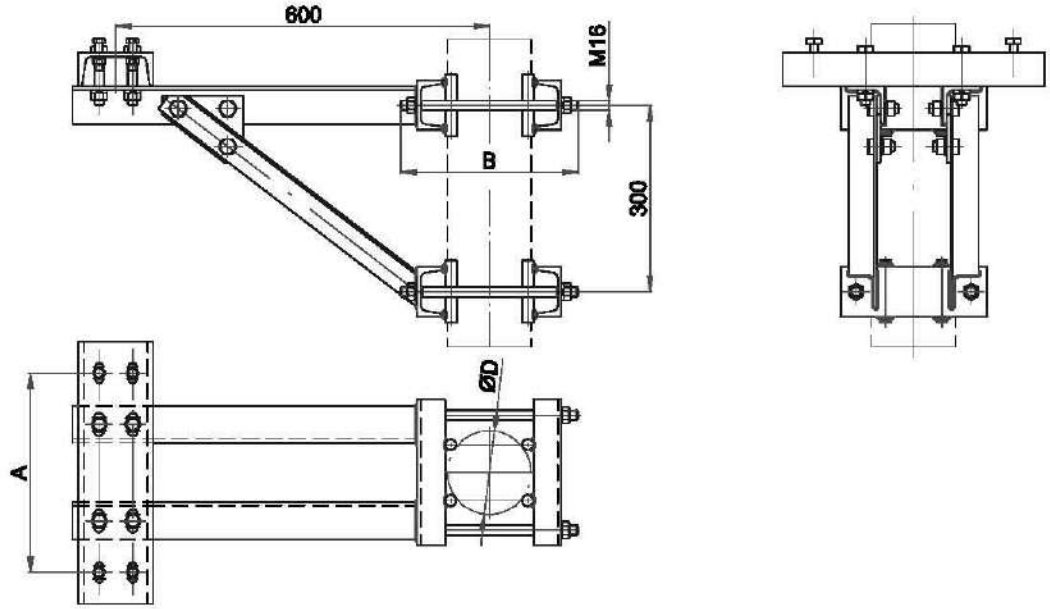
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	48,4	50,7	50,1	52,3	53,0	55,5	57,9	55,7	58,3	56,8	59,2	65,6	68,5

JEDNOSTRANO POSTOLJE RASTAVLJAČA
SINGLE SWITCH - DISCONNECTOR SUPPORT

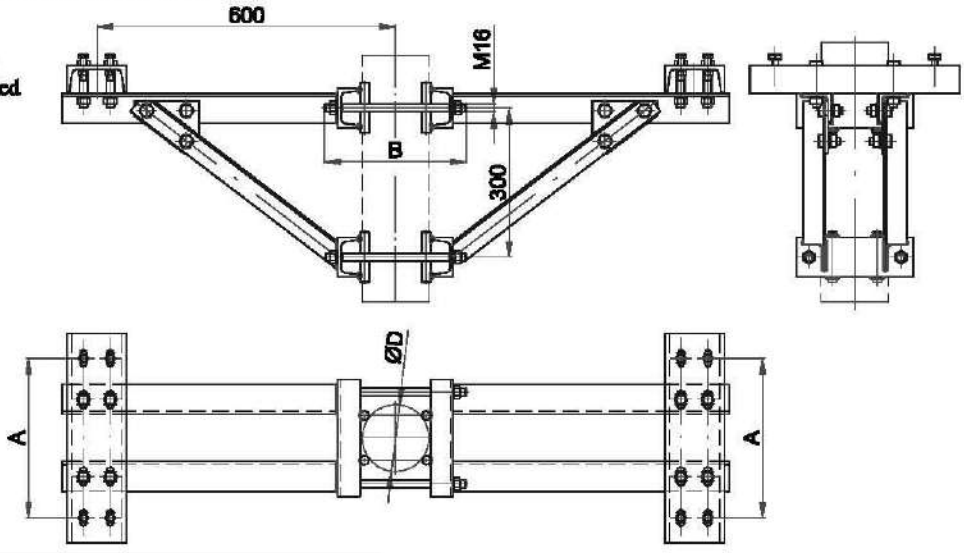
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions			Masa Mass
		ØD	A [mm]	B	[kg]
64.178.400	ER7	135	321	285	29,30
64.178.400.2	ER7	160	336	310	29,50

DVOSTRANO POSTOLJE RASTAVLJAČA
TWO SIDED SWITCH DISCONNECTOR SUPPORT

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

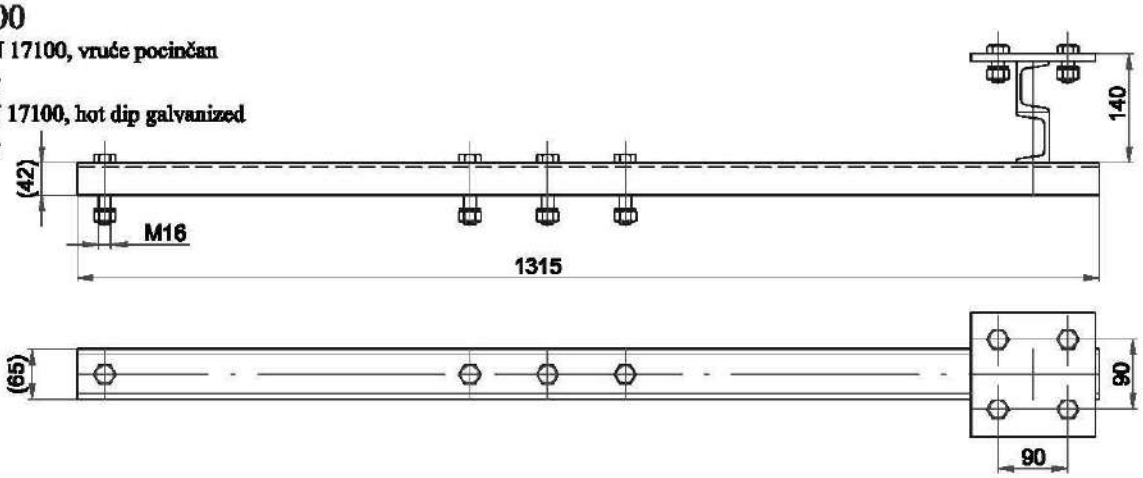


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions			Masa Mass
		ØD	A [mm]	B	[kg]
64.178.400A	ER8	135	321	285	29,30

ODSTOJNI NOSAČ POTPORNOG IZOLATORA NA POSTOLJU RASTAVLJAČA ER9
POST INSULATOR DISTANT SUPPORT

64.ER.09.100

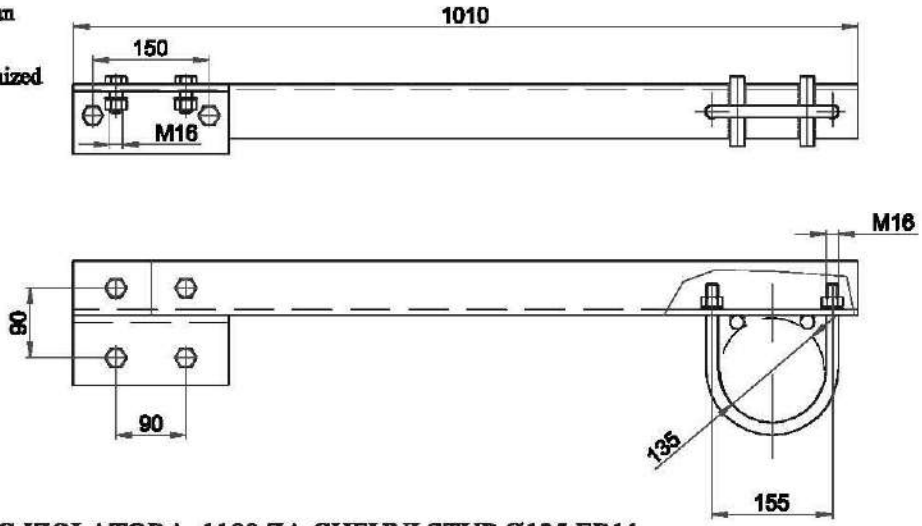
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 13,47 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 13,47 kg



ODSTOJNI NOSAČ POTPORNOG IZOLATORA ZA CIJEVNI STUP Ø135 ER10
POST INSULATOR DISTANT SUPPORT ON TUBULAR POLE

64.179.200

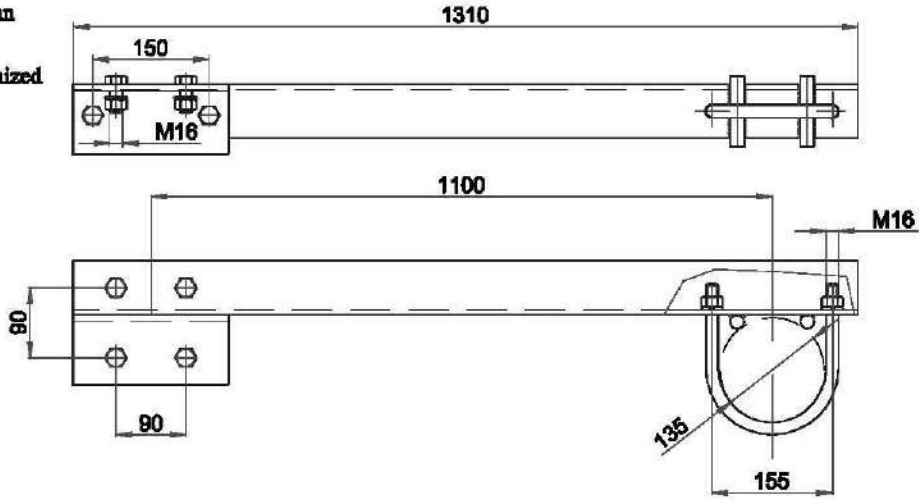
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 11,80 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 11,80 kg



ODSTOJNI NOSAČ POTPORNOG IZOLATORA 1100 ZA CIJEVNI STUP Ø135 ER11
POST INSULATOR DISTANT SUPPORT 1100

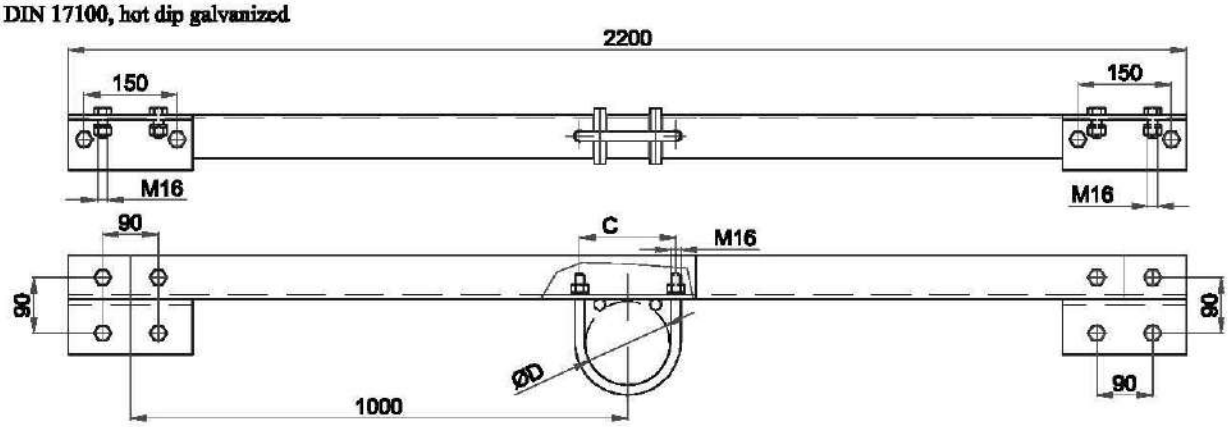
64.179.300

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 15,10 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 15,10 kg



ODSTOJNI NOSAČ POTPORNOG IZOLATORA 2x1100 ZA CIJEVNI STUP
TWO SIDED POST INSULATOR DISTANT SUPPORT

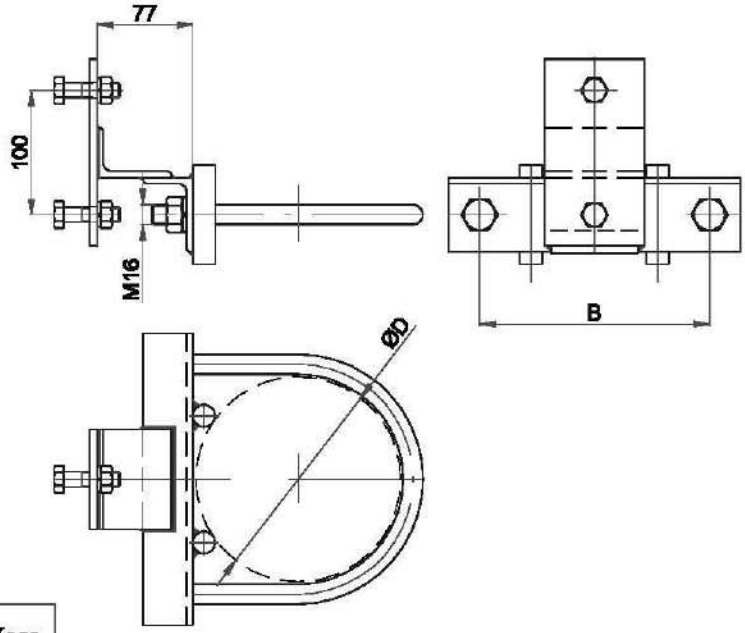
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD [mm]	C	Masa Mass [kg]
64.179.400	ER12	135	155	23,00
64.179.500		160	180	23,10

NOSAČ VODILICE POGONSKOG POLUŽJA RASTAVLJAČA ZA CIJEVNI STUP, JEDNOSTRANI
SINGLE GUIDE TUBE SUPPORT FOR SWITCH - DISCONNECTOR DRIVING GEAR

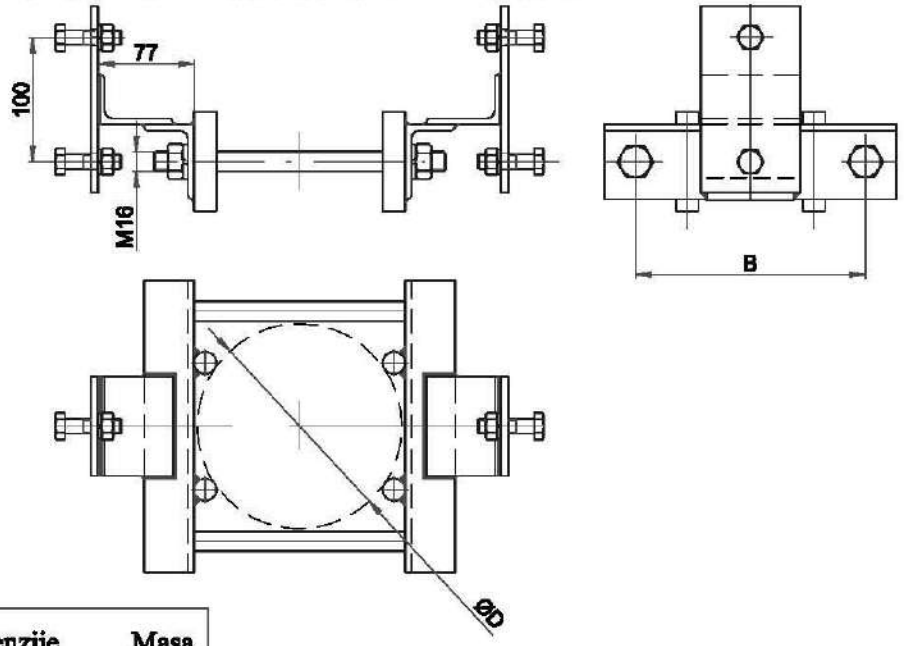
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD [mm]	B	Masa Mass [kg]
64.178.510	ER25	130	150	3,20
64.178.500	ER25	165	185	3,66
64.ER.25.100	ER25	190	210	4,15

NOSAČ VODILICE POGONSKOG POLUŽJA RASTAVLJAČA ZA CIJEVNI STUP, DVOSTRANI ER27
TWO SIDED GUIDE TUBE SUPPORT FOR SWITCH - DISCONNECTOR DRIVING GEAR

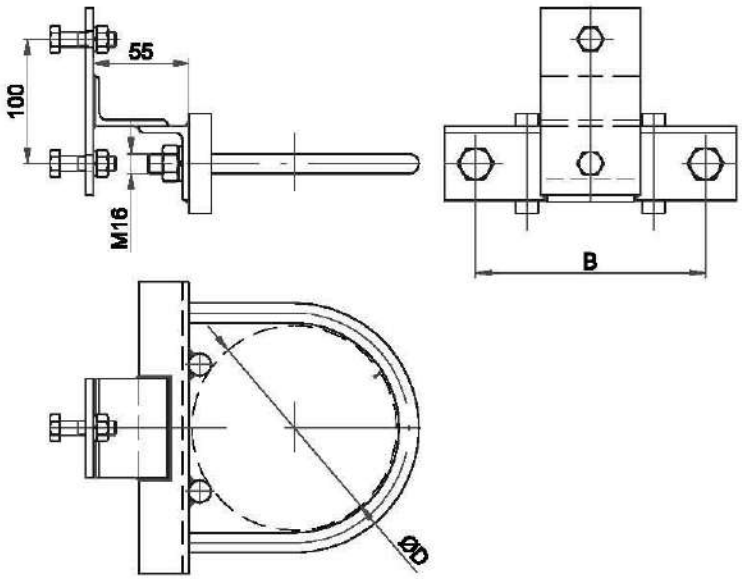
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD	B [mm]	Masa Mass [kg]
64.178.510.2	ER27	130	150	4,90
64.178.500.2	ER27	165	185	5,30
64.ER.27.200	ER27	190	210	5,85

NOSAČ VODILICE POGONSKOG POLUŽJA RASTAVLJAČA ZA CIJEVNI STUP, JEDNOSTRANI ER26
SINGLE GUIDE TUBE SUPPORT FOR SWITCH - DISCONNECTOR DRIVING GEAR

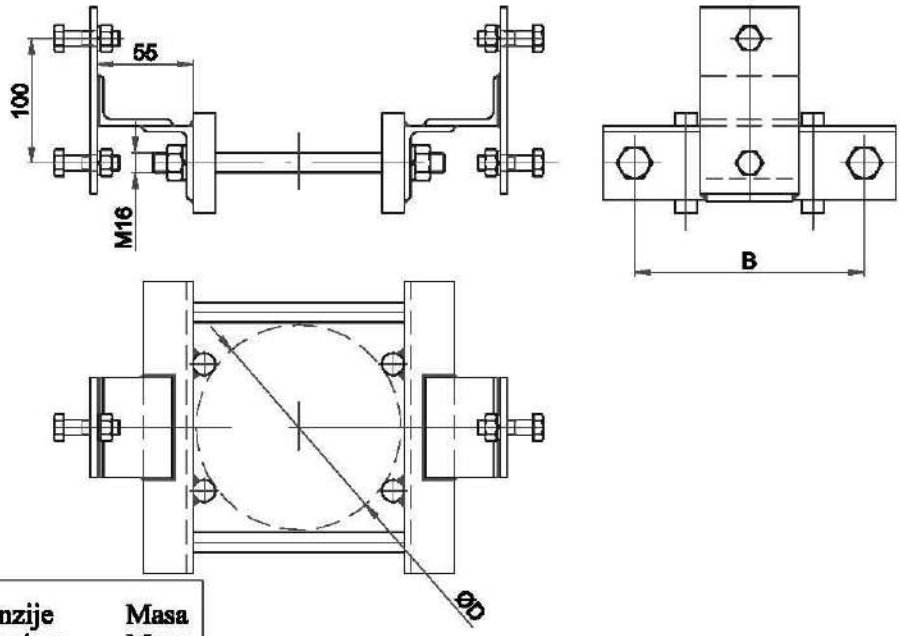
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD	B [mm]	Masa Mass [kg]
64.178.600	ER26	210	230	3,40
64.178.500A	ER26	215	235	3,60
64.178.600.3	ER26	245	265	3,70
64.178.600A	ER26	267	287	4,10

NOSAČ VODILICE POGONSKOG POLUŽJA RASTAVLJAČA ZA CIJEVNI STUP, DVOSTRANI ER28
TWO SIDED GUIDE TUBE SUPPORT FOR SWITCH - DISCONNECTOR DRIVING GEAR

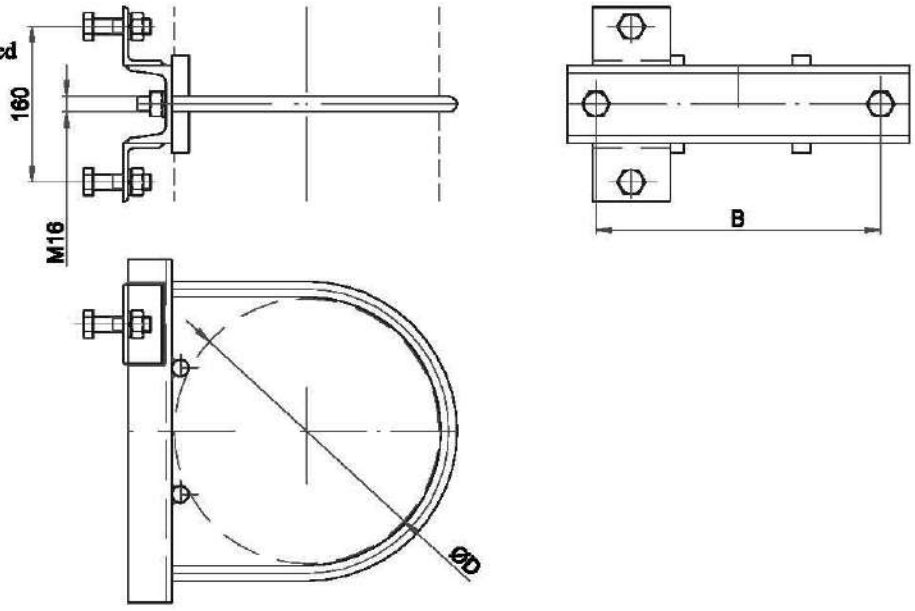
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD	B [mm]	Masa Mass [kg]
64.178.600.2	ER28	210	230	5,86
64.178.500.2A	ER28	215	235	6,26
64.178.600.3A	ER28	245	265	6,50
64.178.600.2A	ER28	267	287	6,81

NOSAČ RUČNOG POGONA RASTAVLJAČA ZA CIJEVNI STUP, JEDNOSTRANI ER32
DISCONNECTOR HAND DRIVE GEAR SUPPORT

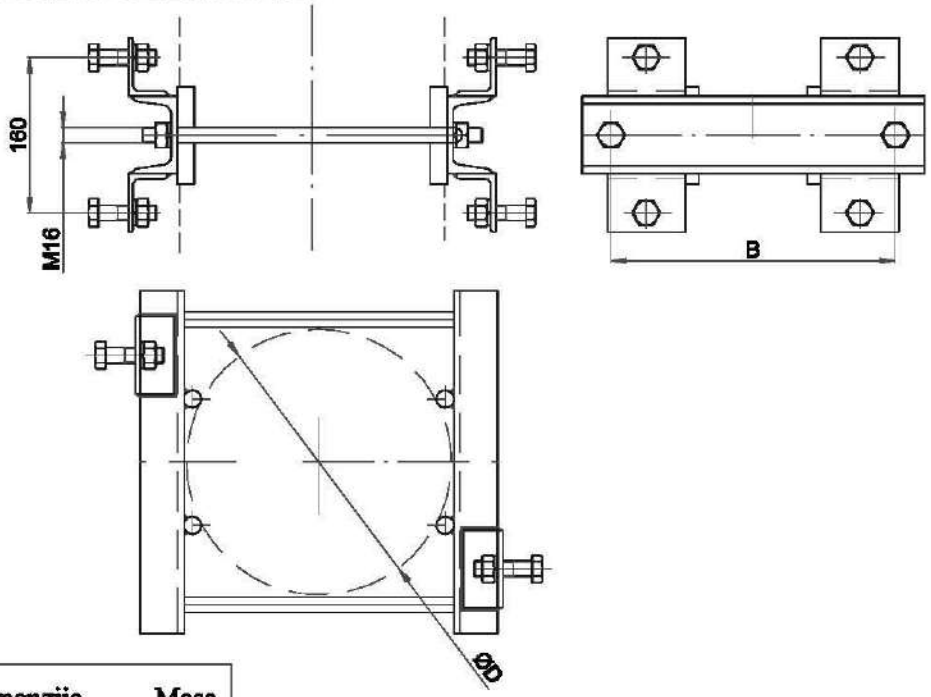
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD	B [mm]	Masa Mass [kg]
64.178.800.2	ER32	267	287	5,60
64.178.800	ER32	273	293	5,86
64.178.800.3	ER32	324	344	6,80

NOSAČ RUČNOG POGONA RASTAVLJAČA ZA CIJEVNI STUP, DVOSTRANI ER33
TWO SIDED DISCONNECTOR HAND DRIVE GEAR SUPPORT

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

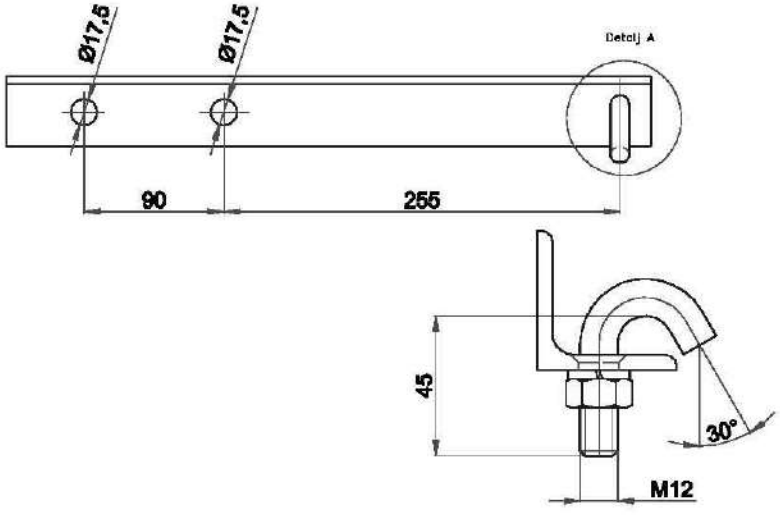


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD	B [mm]	Masa Mass [kg]
64.178.800.2A	ER33	267	287	10,8
64.178.800A	ER33	273	293	11,6
64.178.800.3A	ER33	324	344	13,62

USMJERIVAČ VODIČA NA POTPORNOM IZOLATORU 300, JEDNOSTRANI ER39
CONDUCTOR GUIDANCE ON POST INSULATOR

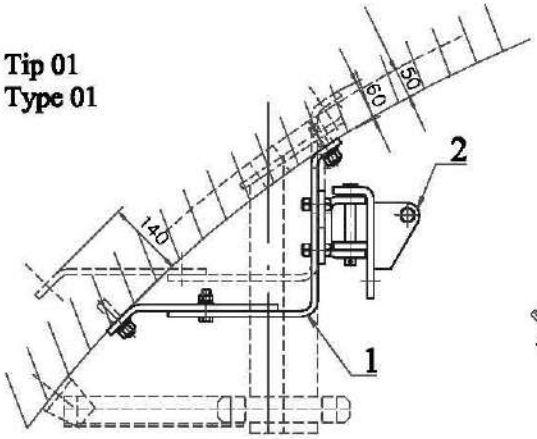
64.ER.39.100

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 1,53 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 1,53 kg

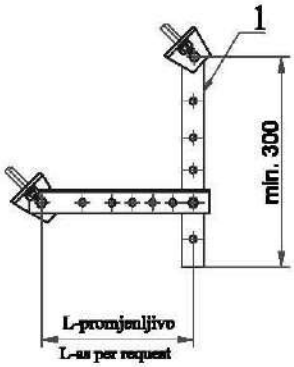


PRIČVRŠĆENJE TUNELSKE KONZOLE NA SVOD TUNELA NORMALNOG PROFILA ZA SISTEMSKE VISINE OD 230 DO 600 MM
TUNEL CANTILEVER ATTACHMENT 64.001.541

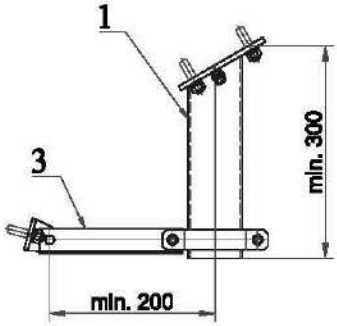
Tip 01
Type 01



Tip 02
Type 02



Tip 03
Type 03



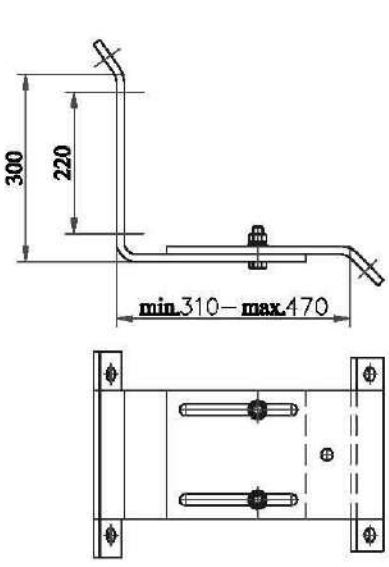
Poz. Item	Naziv sklopa Description
1	Pločasti nosač tip 01,profilni nosač U12 s potporom tip 02,cijevni nosač tip 03 Plate support
2	Zglobni pričvrsnik za pločasti nosač Joint fastener for plate support
3	Potpora cijevnog nosača Tubular support

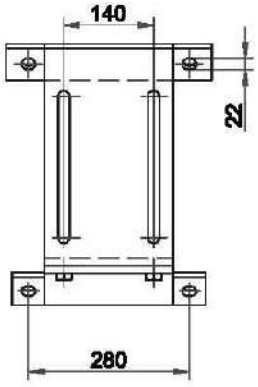
PLOČASTI NOSAČ TIP 01
PLATE SUPPORT

64.164.300

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 13,00 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 13,00 kg



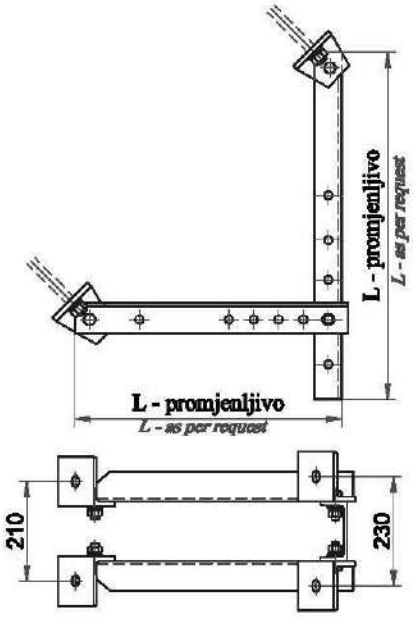


PROFILNI NOSAČ U12 S POTPOROM TIP 02
PROFILE SUPPORT

64.164.200

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 14,7 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 14,7 kg

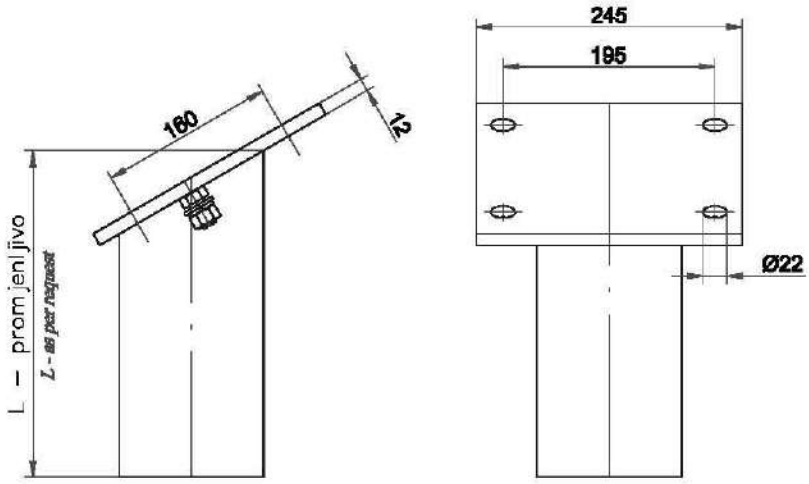


CIJEVNI NOSAČ TIP 03
TUBULAR SUPPORT

64.164.100

Materijal: čelik DIN 17100, vruće pocinčan
Masa: L=300 mm 10,5 kg
L=1500 mm 27,5 kg

Material : steel DIN 17100, hot dip galvanized
Mass: L=300 mm 10,5 kg
L=1500 mm 27,5 kg

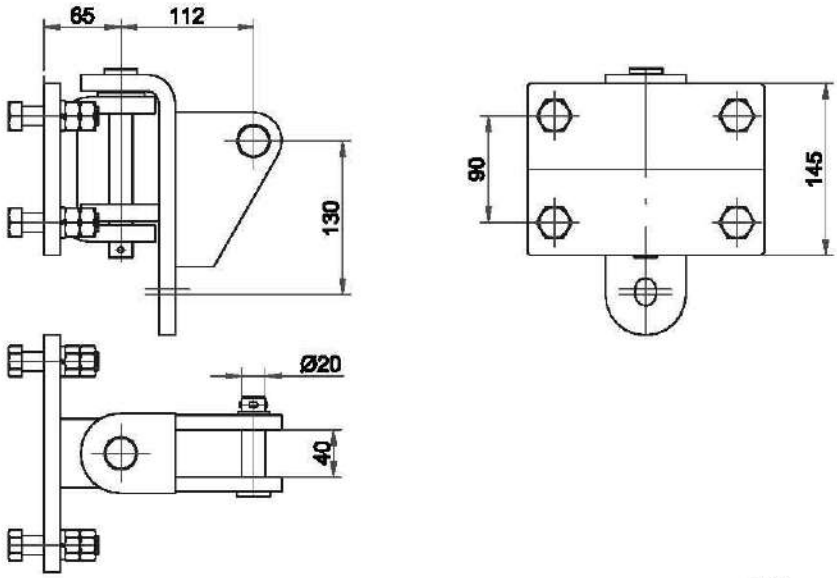


ZGLOBNI PRIČVRSNIK ZA PLOČASTI NOSAČ TIP 01
JOINT FASTENER FOR PLATE SUPPORT

64.165.100

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 12,75 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 12,75 kg

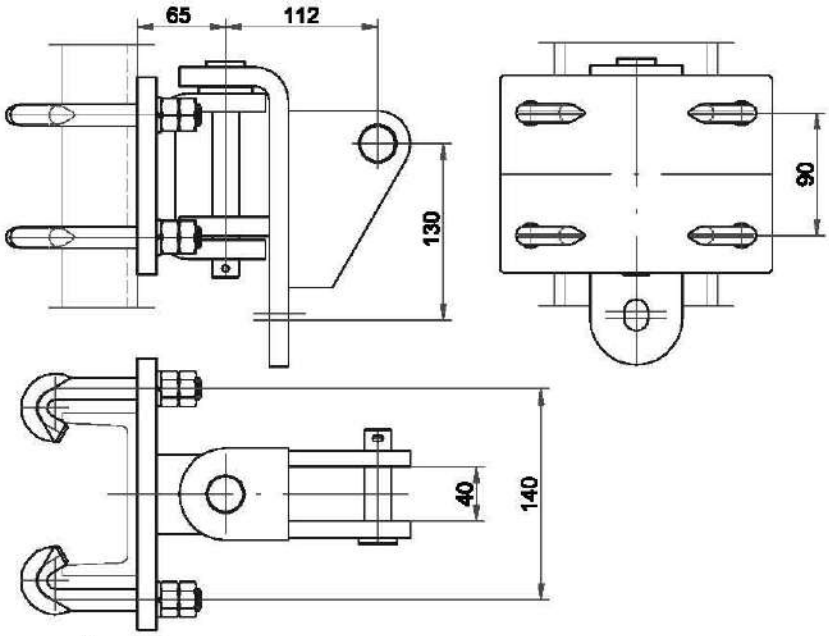


ZGLOBNI PRIČVRSNIK ZA PROFILNI NOSAČ U12 S POTPOROM TIP 02
JOINT FASTENER

64.165.000

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 13,80 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 13,80 kg

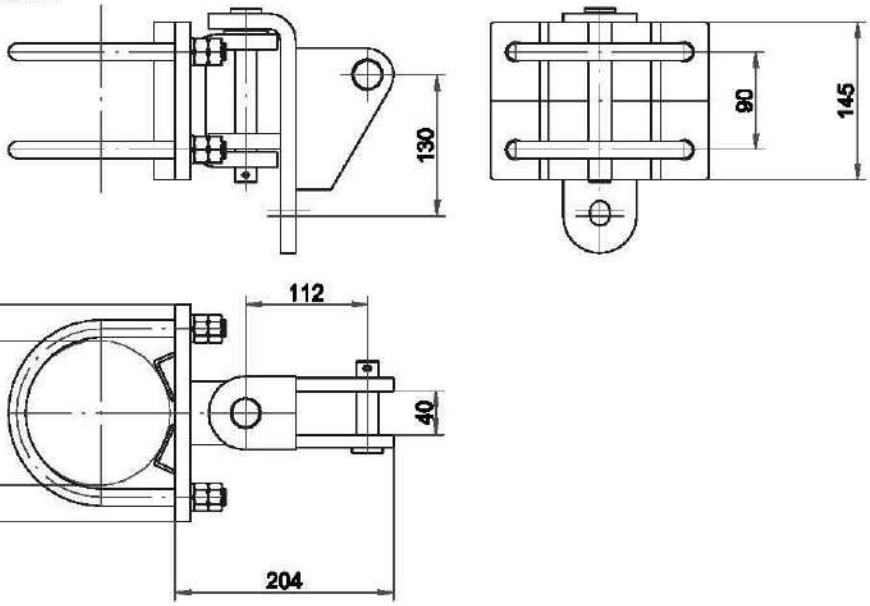


ZGLOBNI PRIČVRSNIK ZA CIJEVNI NOSAČ TIP 03
JOINT FASTENER FOR TUBULAR SUPPORT

64.164.500

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 13,75 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 13,75 kg

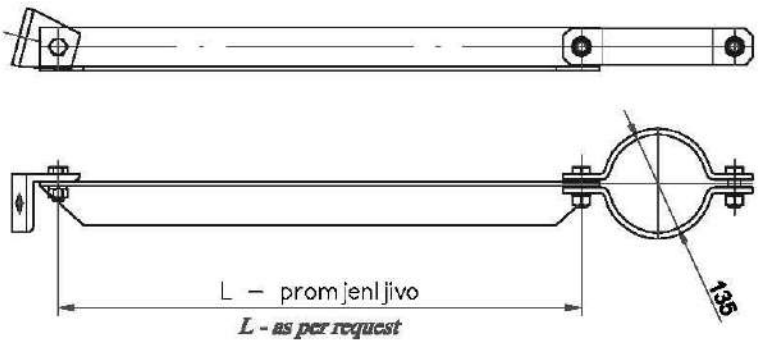


POTPORA CIJEVNOG NOSAČA TIP 03
STRUT OF TUBULAR SUPPORT

64.164.400

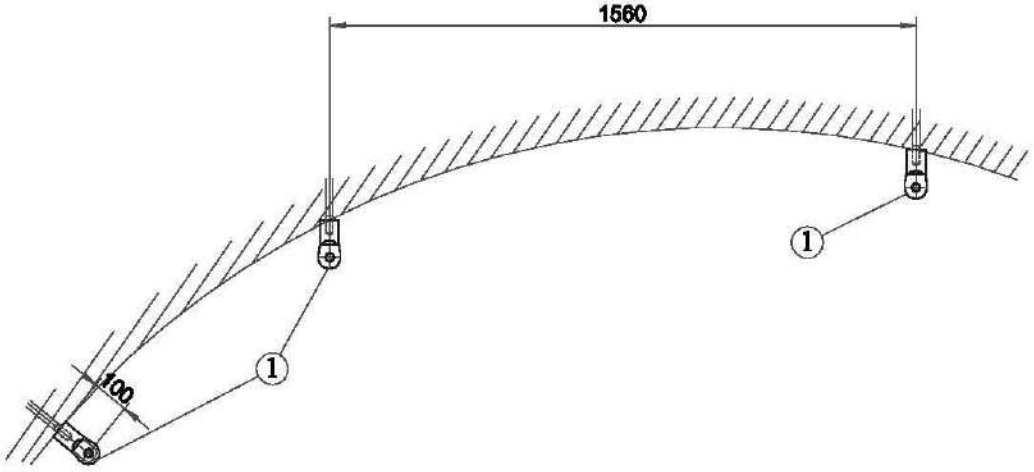
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 9,50 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 9,50 kg



PRIČVRŠĆENJE TUNELSKE KONZOLE ZA VOZNI VOD S "Y" OPREMOM
"Y" TUNEL CANTILEVER ATTACHMENT

64.001.542



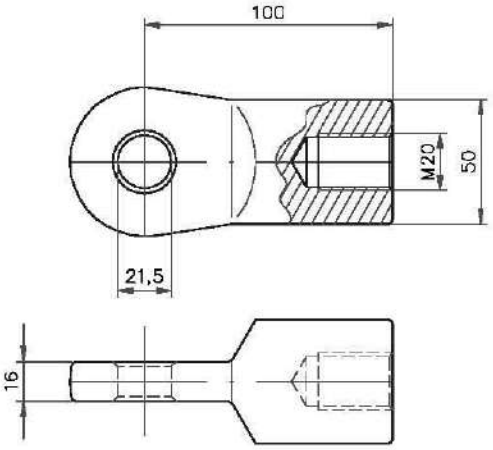
Poz. Item	Naziv sklopa Description
1	Držač s prstenom Support with tonque

DRŽAČ S PRSTENOM
SUPPORT WITH TONQUE

64.165.200B

Materijal: aluminijska bronca DIN 17656/17665
Masa: 0,16 kg

Material : aluminimum bronze DIN 17656/17665
Mass: 0,16 kg

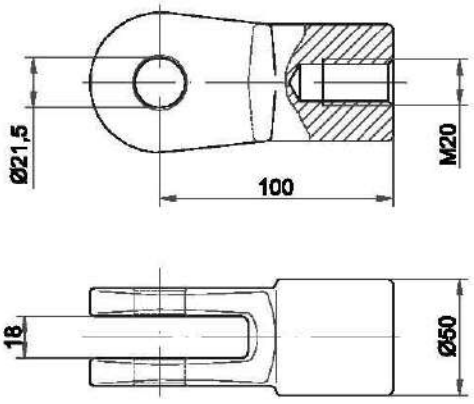


DRŽAČ S VILICOM
SUPPORT WITH CLEVIS

65.165.200B

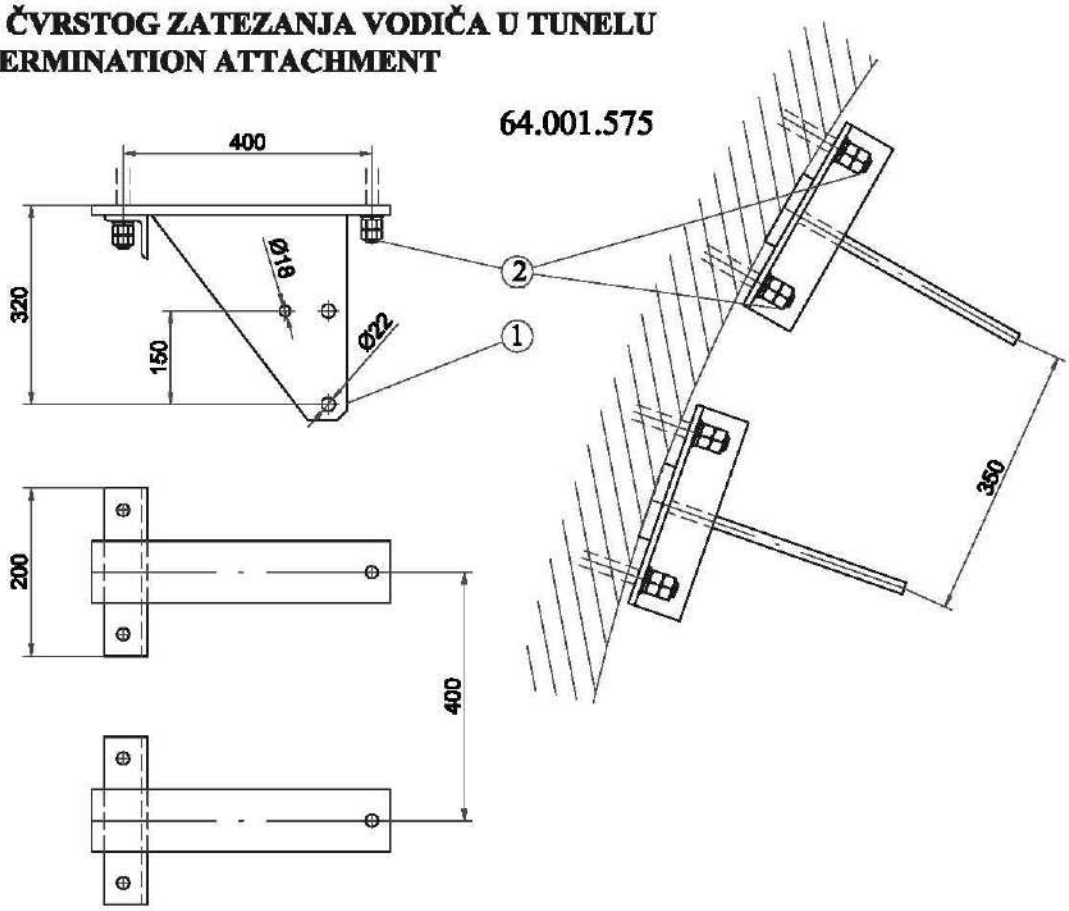
Materijal: aluminijska bronca DIN 17656/17665
Masa: 1,20 kg

Material : aluminimum bronze DIN 17656/17665
Mass: 1,20 kg



PRIČVRŠĆENJE ČVRSTOG ZATEZANJA VODIČA U TUNELU
TUNEL FIXED TERMINATION ATTACHMENT

64.001.575



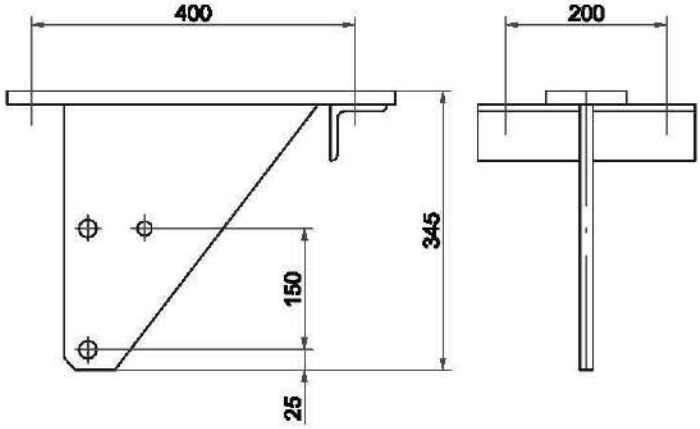
Poz. Item	Naziv sklopa Description
1	Pričvrsnik čvrstog zatezanja u tunelu Fixed termination attachment in tunel
2	Temeljni vijak Bolt

PRIČVRSNIK ČVRSTOG ZATEZANJA U TUNELU
FIXED TERMINATION ATTACHMENT IN TUNEL

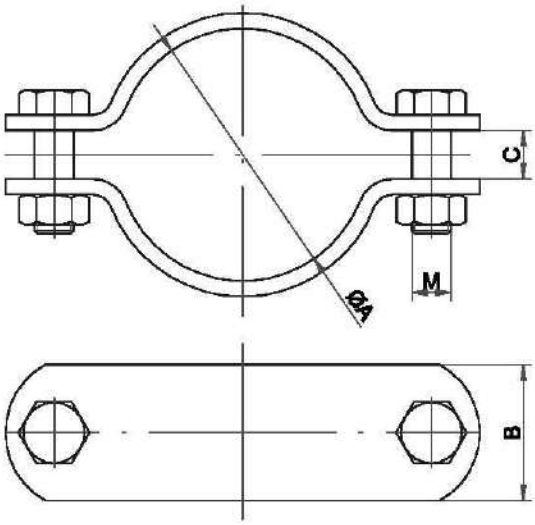
64.165.700

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 14,95 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 14,95 kg



OBUJMICA ZA CIJEVNI STUP
PIPE CLIPE FOR TUBULAR POLE

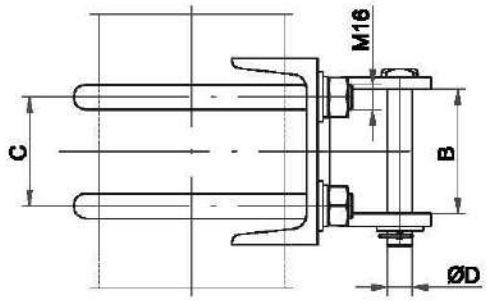


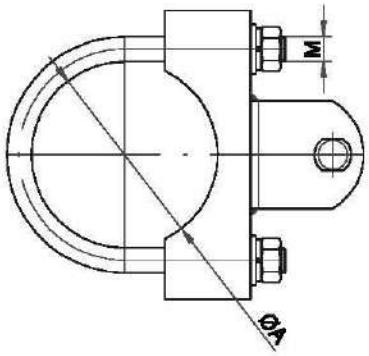
Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Dimenzije Dimensions				Masa Mass
	ØA	B	C	M	
	[mm]				[kg]
65.100.100 A	130	70	25	20	6,85
65.100.100 B	160	70	25	20	7,75
65.100.100 C	190	70	25	20	8,25
65.100.100 D	216	70	25	20	8,80

PRIČVRSNIK KOSNIKA Ø76 ZA CIJEVNI STUP
BRACKET FASTENER Ø76 FOR TUBULAR POLE





Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

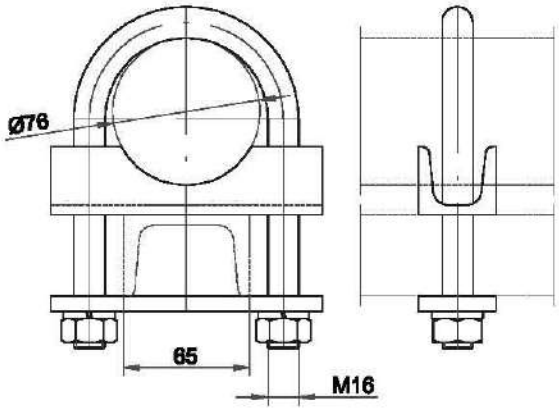
Kat. br. Cat. No.	Dimenzije Dimensions					Masa Mass
	ØA	B	C	M	ØD	
			[mm]			[kg]
65.110.100 A	120	80	70	16	20	9,50
65.110.100 B	160	80	70	16	20	10,80
65.110.100 C	190	80	70	16	20	11,60
65.110.100 D	215	80	70	16	20	12,00
65.110.100 E	267	80	70	16	20	13,50

PRIČVRSNIK POTPORNOG IZOLATORA
INSULATOR SUPPORTS FASTENER

65.110.200

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 1,70 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 1,70 kg

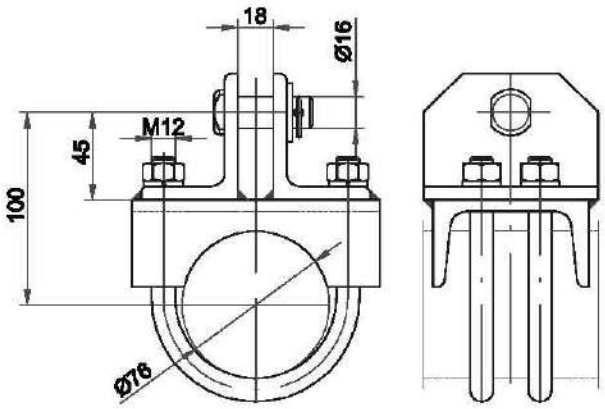


PRIČVRSNIK ZATEGE
STAY ROD FASTENER

65.110.300

Materijal: čelik DIN 17100, vruće pocinčan
Masa: 2,50 kg

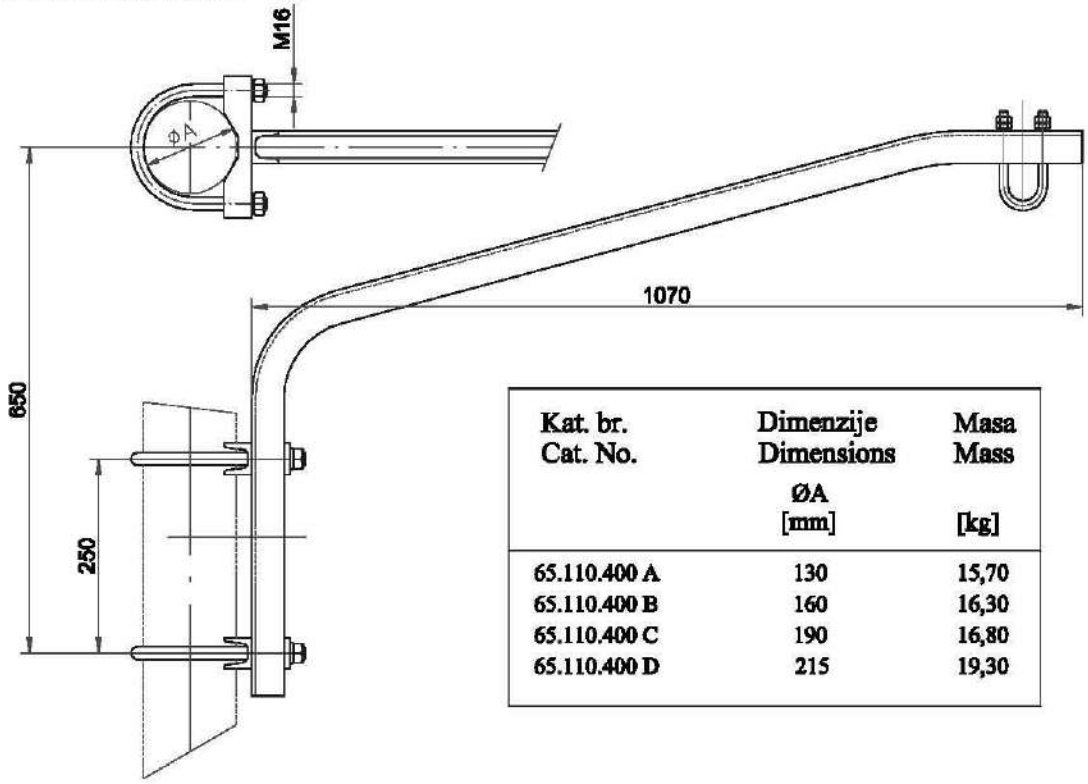
Material : steel DIN 17100, hot dip galvanized
Mass: 2,50 kg



NOSAČ GROMOBRANSKE ZAŠTITE
LIGHTNING CONDUCTOR SUPPORT

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

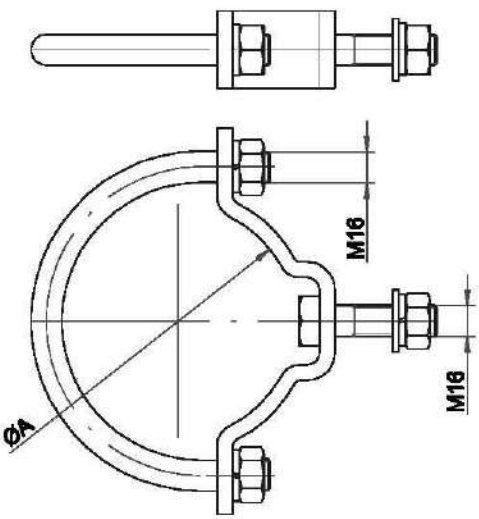


Kat. br. Cat. No.	Dimenzije Dimensions ØA [mm]	Masa Mass [kg]
65.110.400 A	130	15,70
65.110.400 B	160	16,30
65.110.400 C	190	16,80
65.110.400 D	215	19,30

NOSAČ STEZALJKE ZAŠTITNOG UŽETA
SUPPORT OF EARTHING WIRE CLAMP

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

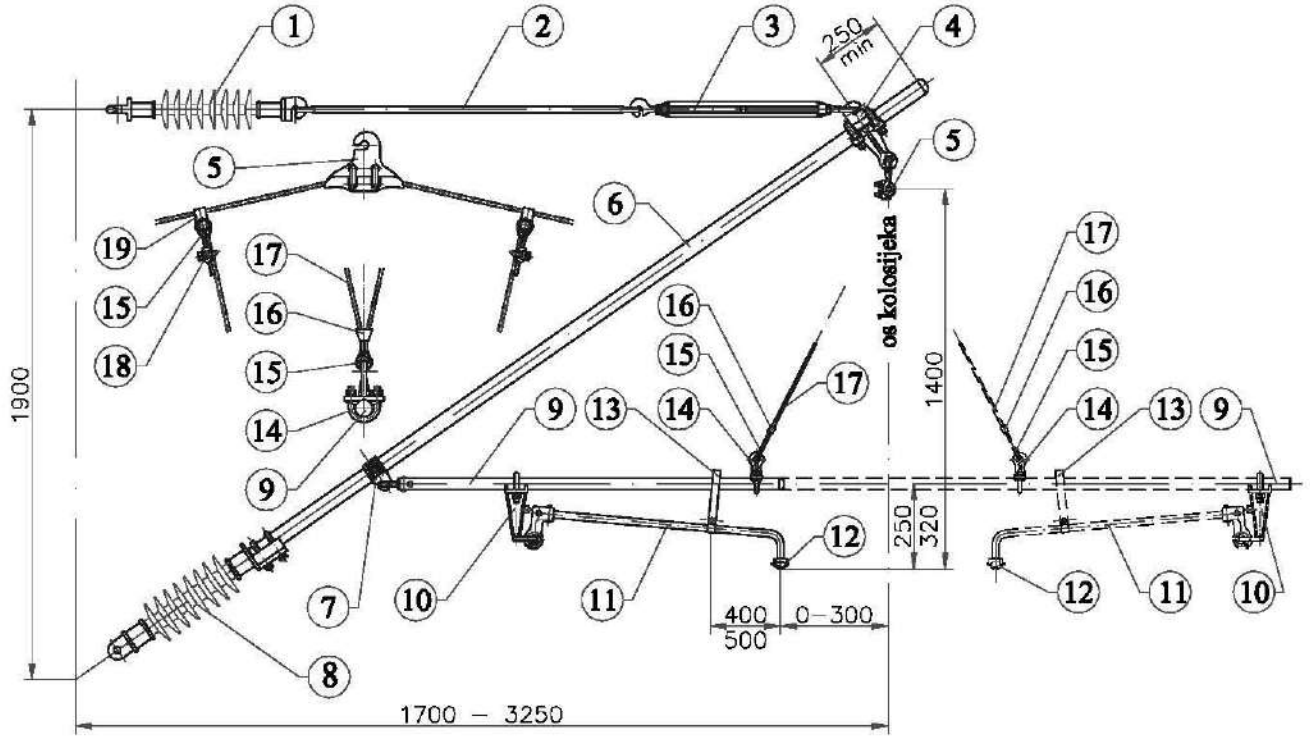


Kat. br. Cat. No.	Dimenzije Dimensions ØA [mm]	Masa Mass [kg]
65.110.500 A	120	2,20
65.110.500 B	160	2,60
65.110.500 C	190	2,65
65.110.500 D	215	2,70
65.110.500 E	267	3,05

2 TIPSKA RJEŠENJA KONZOLA
CANTILEVER TYPE SOLUTIONS

KONZOLA ZA MALA OPTEREĆENJA
CANTILEVER ASSEMBLY FOR LIGHT LOADS

64.002.001



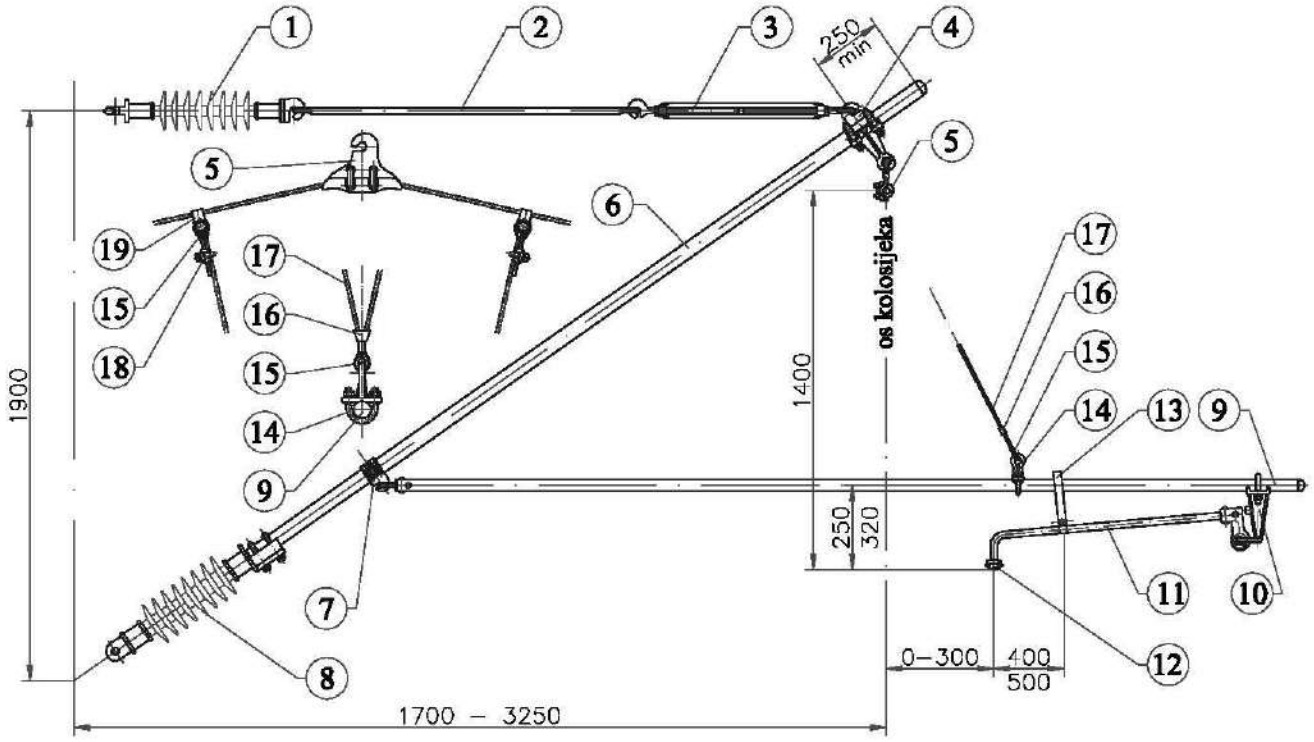
Tip 01 / Tip 03
Type 01 / Type 03

Tip 02
Type 02

Poz Item	Kom/Pcs Tip/Type 01/02	 03	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	1	Zatega / Top tie rods	64.200.200
3	1	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	64.200.400
5	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
6	1	1	Kosnik konzoleØ41 / Strut tube Ø41	64.200.600
7	1	1	Stezaljka za nosaè poligonatora Ø41 / Register arm clamp for tube Ø41	64.200.700
8	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	1	Nosaè poligonatora Ø30 / Register arm tube Ø30	64.200.900
10	1	1	Držaè poligonatora Ø30 / Drop bracket for tube Ø30	64.201.000
11	1	1	Poligonator / Steady arm rod	64.201.100
12	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
13	1	0	Alka protiv vjetra / Antiwind stirrup	64.201.300
14	1	1	Stezaljka "V" vješajlkeØ30 / "V" dropper eye clamps for tube Ø30	64.201.400
15	3	3	Uška alke za uže / Thimble	64.201.500
16	1	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
17	1	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
18	2	2	Stezaljka s U-vijkom za užadØ5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
19	2	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA ZA SREDNJA OPTEREĆENJA
CANTILEVER ASSEMBLY FOR MEDIUM LOADS

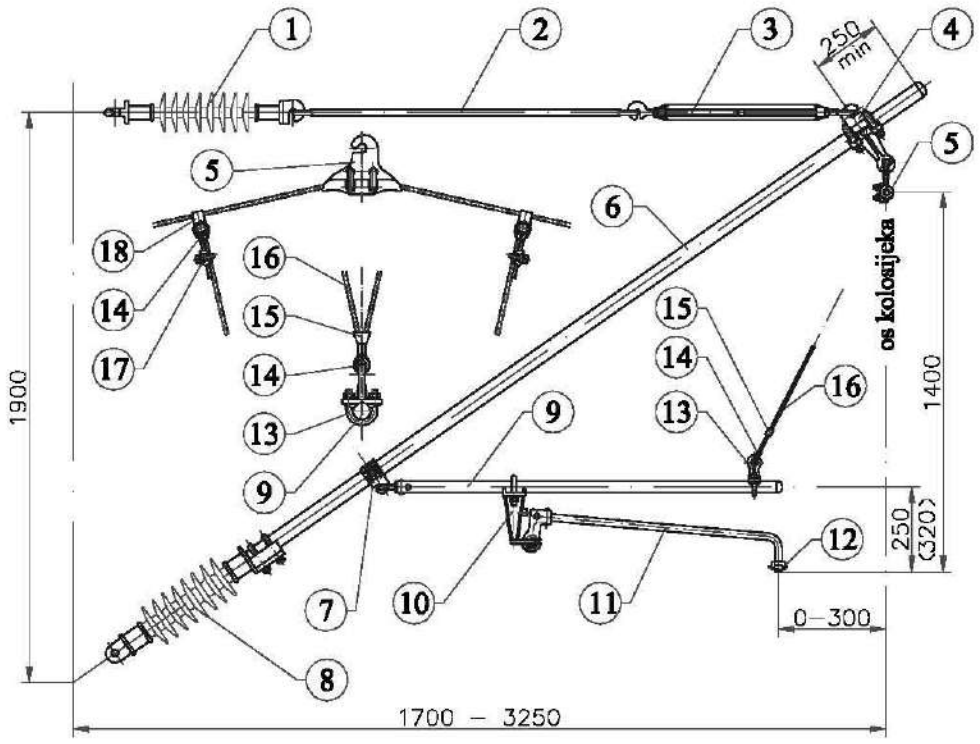
64.002.002



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
5	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
6	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
7	1	Stezaljka za nosaè poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
8	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	Nosaè poligonatora Ø41 / Register arm assembly Ø41	64.202.200
10	1	Držaè poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
11	1	Poligonator / Steady arm rod	64.201.100
12	1	Stezaljka kontaktnog vodièa za poligonator / Contact wire clip	64.201.200
13	1	Alka protiv vjetra / Antiwind stirrup	64.201.300
14	1	Stezaljka "V" vješajlke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
15	3	Uška alke za uže / Thimble	64.201.500
16	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
17	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
18	2	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
19	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA ZA VEĆA OPTEREĆENJA
CANTILEVER ASSEMBLY FOR HEAVY LOADS

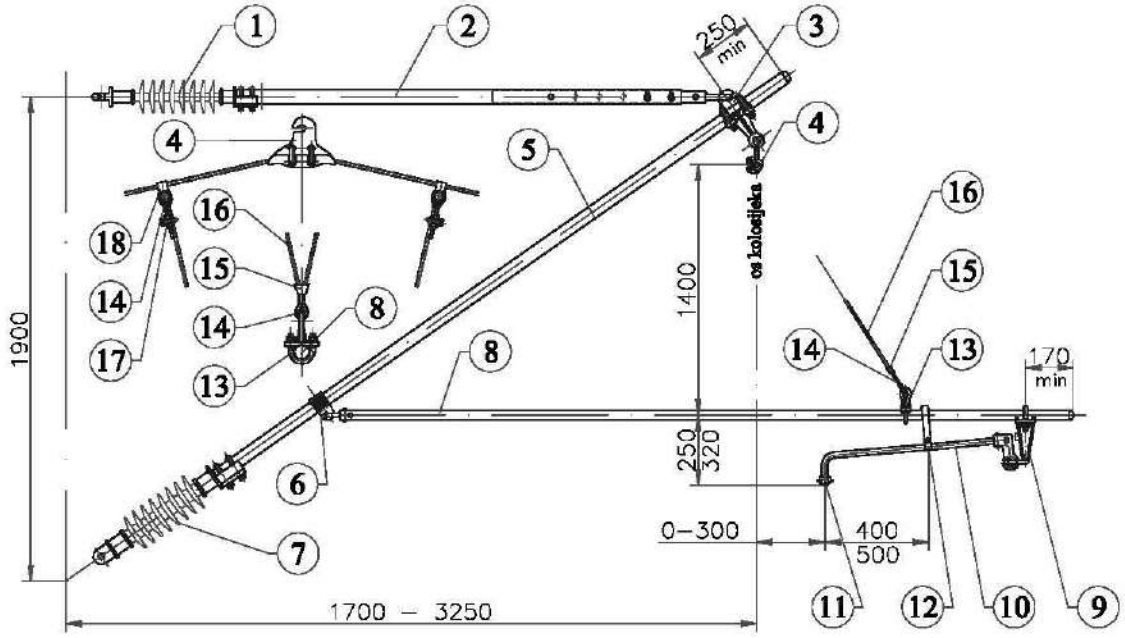
64.002.003



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
5	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
6	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
7	1	Stezaljka za nosaè poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
8	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	Nosaè poligonatora Ø30 / Register arm tube Ø30	64.200.900
10	1	Držaè poligonatora Ø30 / Drop bracket for tube Ø30	64.201.000
11	1	Poligonator / Steady arm rod	64.201.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
13	1	Stezaljka "V" vješajlke Ø30 / "V" dropper eye clamps for tube Ø30	64.201.400
14	3	Uška alke za uže / Thimble	64.201.500
15	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
16	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
17	2	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
18	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA ZA VELIKA OPTEREĆENJA
CANTILEVER ASSEMBLY FOR VERY HEAVY LOADS

64.002.004



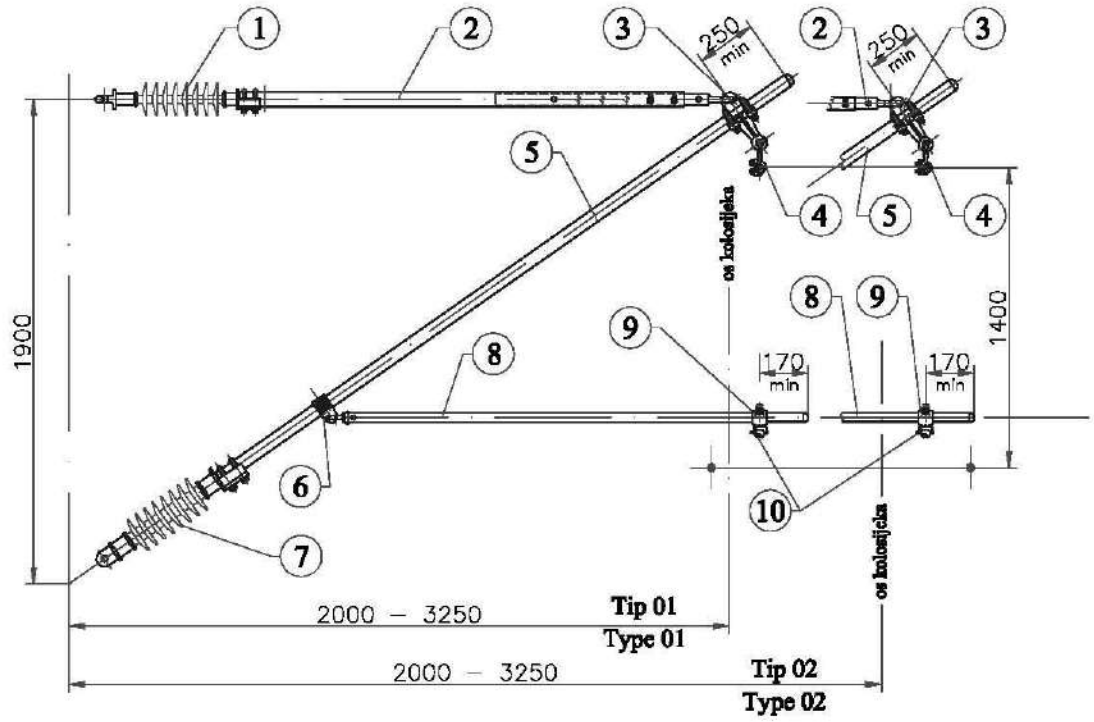
Tip 01 / Tip 02
Type 01 / Type 02

Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø41 / Register arm tube Ø41	64.202.200
9	1	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
10	1	1	Poligonator / Steady arm rod	64.201.100
11	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
12	1	1	Alka protiv vjetra / Antiwind stirrup	64.201.300
13	1	1	Stezaljka "V" vješajlke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
14	3	3	Uška alke za uže / Thimble	64.201.500
15	1	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
16	1	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
17	2	2	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
18	2	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA NEAKTIVNOG VOZNOG VODA U NEIZOLIRANOM PREKLOPU ZA PRAVAC I VANJSKU STRANU ZAVOJA

CANTILEVER ASSEMBLY FOR OUT-OF-RUNNING CONTACT WIRE IN THE UNINSULATED OVERLAP FOR TANGENT AND OUTSIDE CURVED TRACK

64.002.005

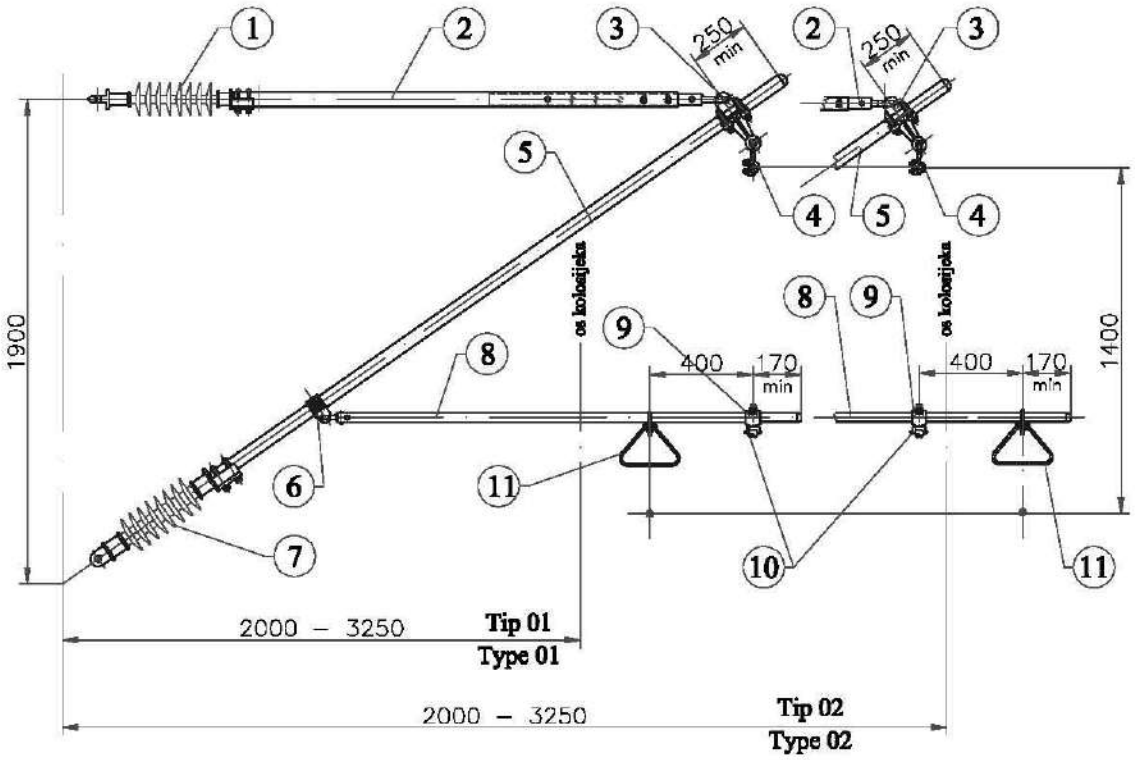


Poz Item	Kom/Pcs Tip/Type 01	02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
9	1	1	Nosač stezaljke kont. vodiča za cijev Ø30 / Swivel fitting clamp for tube Ø30	64.202.700
10	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200

KONZOLA NEAKTIVNOG VOZNOG VODA U IZOLIRANOM PREKLOPU ZA PRAVAC I VANJSKU STRANU ZAVOJA

CANTILEVER ASSEMBLY FOR OUT-OF-RUNNING CONTACT WIRE IN THE INSULATED OVERLAP FOR TANGENT AND OUTSIDE CURVED TRACK

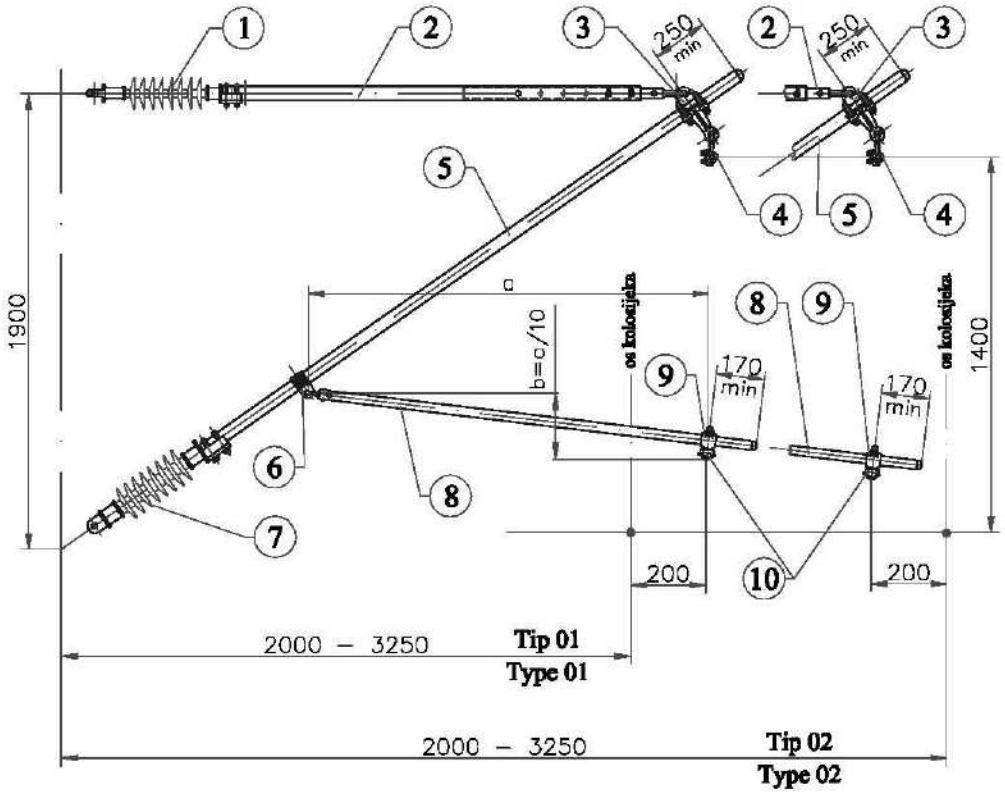
64.002.006



Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
9	1	1	Nosač stezaljke kont. vodiča za cijev Ø30 / Swivel fitting clamp for tube Ø30	64.202.700
10	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
11	1	1	Graničnik kontaktnog vodiča / Limit of contact wire	64.202.800

KONZOLA NEAKTIVNOG VOZNOG VODA U NEIZOLIRANOM PREKLOPU ZA UNUTRAŠNJU STRANU ZAVOJA
CANTILEVER ASSEMBLY FOR OUT-OF-RUNNING CONTACT WIRE IN THE UNINSULATED OVERLAP FOR INSIDE CURVED TRACK

64.002.007

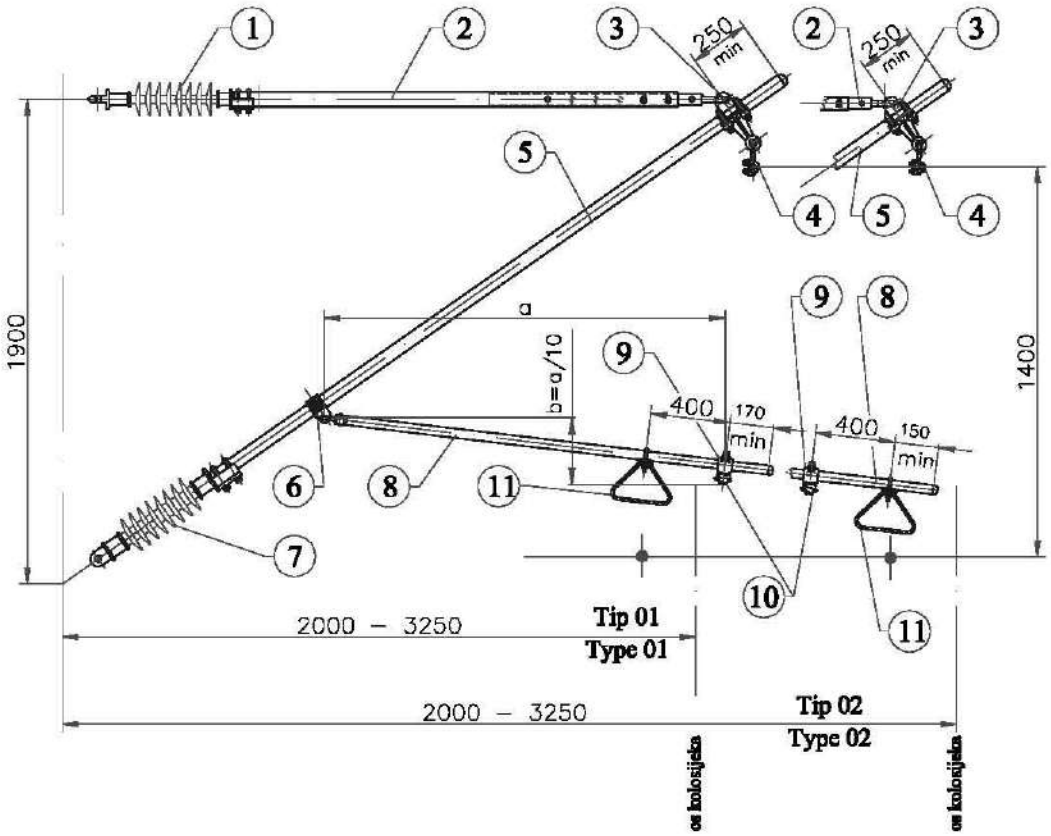


Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
9	1	1	Nosač stezaljke kont. vodiča za cijev Ø30 / Swivel fitting clamp for tube Ø30	64.202.700
10	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200

KONZOLA NEAKTIVNOG VOZNOG VODA U IZOLIRANOM PREKLOPU ZA UNUTARNJU STRANU ZAVOJA

CANTILEVER ASSEMBLY FOR OUT-OF-RUNNING CONTACT WIRE IN THE INSULATED OVERLAP FOR INSIDE CURVED TRACK

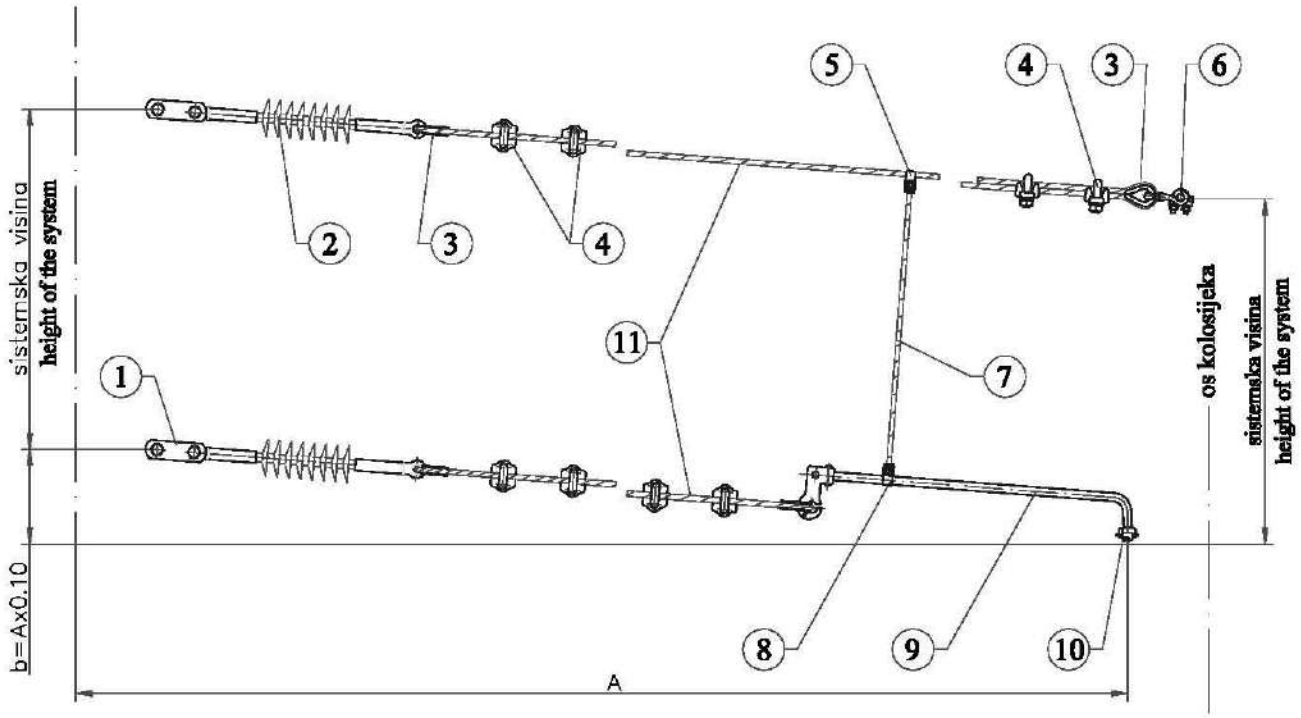
64.002.008



Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
9	1	1	Nosač stezaljke kont. vodiča za cijev Ø30 / Swivel fitting clamp for tube Ø30	64.202.700
10	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
11	1	1	Graničnik kontaktnog vodiča / Limit of contact wire	64.202.800

POMOĆNO IZVLAČENJE VOZNOG VODA U ZAVOJU
AUXILIARY DRAWING OF THE CONTACT WIRE IN THE CURVED TRACK

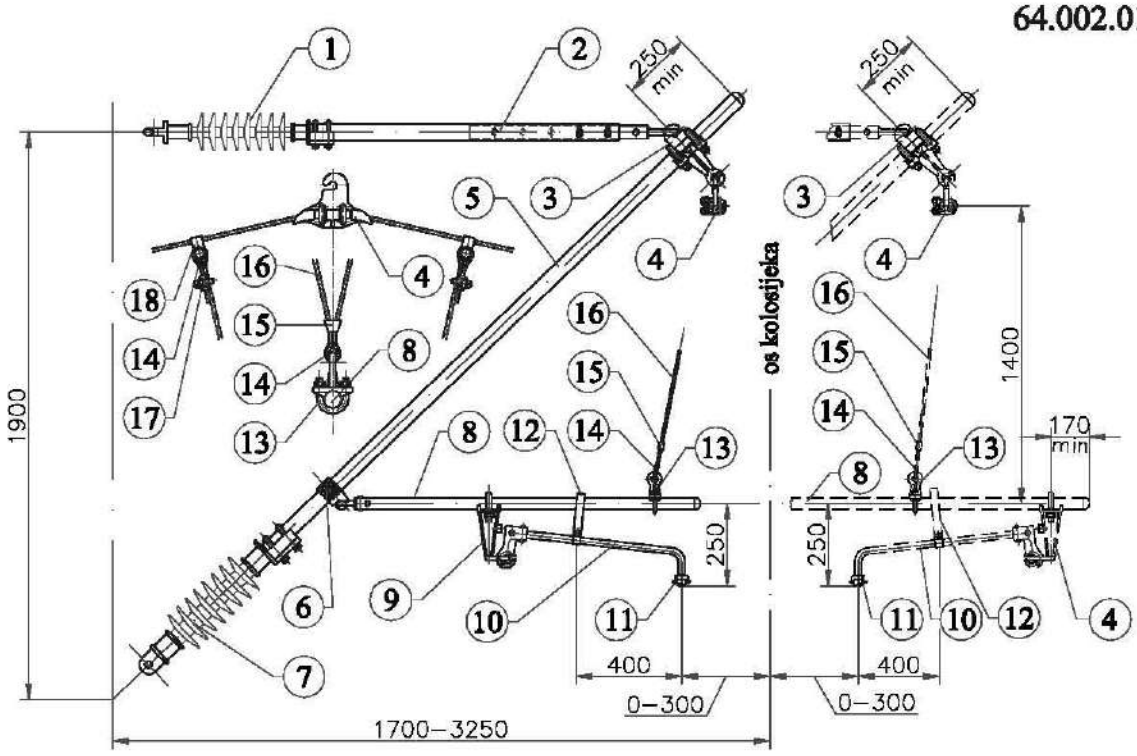
64.002.009



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Produžnik / Extension link	64.300.500
2	2	Izolator za umetanje u vodiče voznog voda / Contact line insulator	64.400.200
3	4	Uška alke za uže Ø10-10,5 / Thimble Ø10-10,5	64.300.200
4	8	Stezaljka s U-vijkom Ø10-12 / U-bolt clamp Ø10-12	64.300.100
5	1	Stezaljka nosivog užeta za vješaljku / Dropper clamp on catenary cable	64.500.300
6	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
7	1	Vješaljka / Hanger strap	64.400.400
8	1	Stezaljka poligonatora za vješaljku / Hanger clamp	64.206.600
9	1	Poligonator / Steady arm rod	64.201.100
10	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
11	2	Nosivo uže	64.500.100

KONZOLA ČVRSTE TOČKE
CANTILEVER ASSEMBLY OF THE FIXED POINT

64.002.010



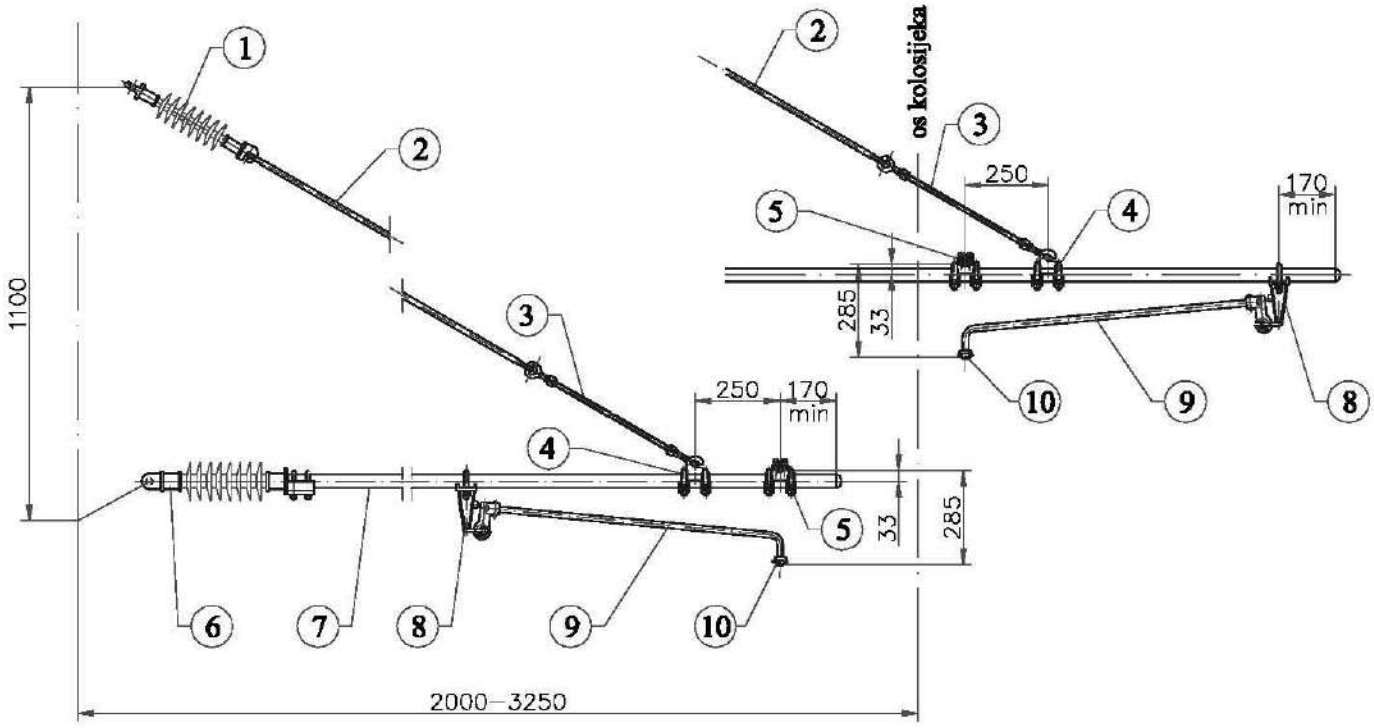
Tip 01 / Tip 03
Type 01 / Type 03

Tip 02 / Tip 04
Type 02 / Type 04

Poz Item	Kom/Pcs Tip/Type 01/02	 03/04	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za dva nosiva užeta / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø41 / Register arm tube Ø41	64.202.200
9	1	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
10	1	1	Poligonator / Steady arm rod	64.201.100
11	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
12	1	0	Alka protiv vjetra / Antiwind stirrup	64.201.300
13	1	1	Stezaljka "V" vješaljke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
14	3	3	Uška alke za uže / Thimble	64.201.500
15	1	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
16	1	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
17	2	2	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
18	2	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA NAJMANJE SISTEMSKE VISINE ZA LAKA OPTEREĆENJA
CANTILEVER ASSEMBLY FOR VERY REDUCED LOADS, LIGHT TYPE

64.002.011



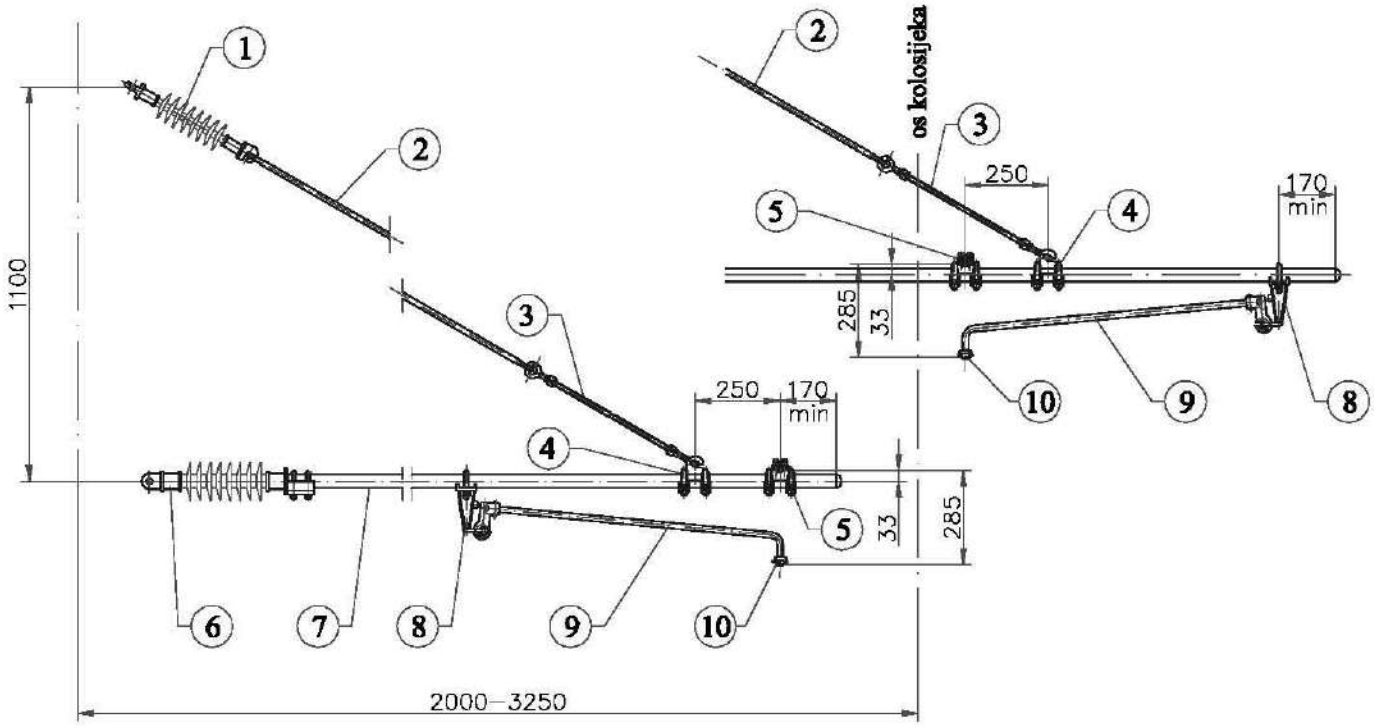
Tip 01
Type 01

Tip 02
Type 02

Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	Stezaljka s kukom Ø41 / Hook clamp for tube Ø41	64.204.800
5	1	Stezaljka nosivog užeta na kosniku / Catenary wire suspension clamp	64.204.900
6	1	Izolator kosnika konzole / Strut insulator	64.200.800
7	1	Kosnik konzole Ø41 / Strut tube Ø41	64.200.600
8	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
9	1	Poligonator / Steady arm rod	64.201.100
10	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200

KONZOLA NAJMANJE SISTEMSKE VISINE ZA TEŠKA OPTEREĆENJA
CANTILEVER ASSEMBLY FOR VERY REDUCED LOADS, HEAVY TYPE

64.002.012



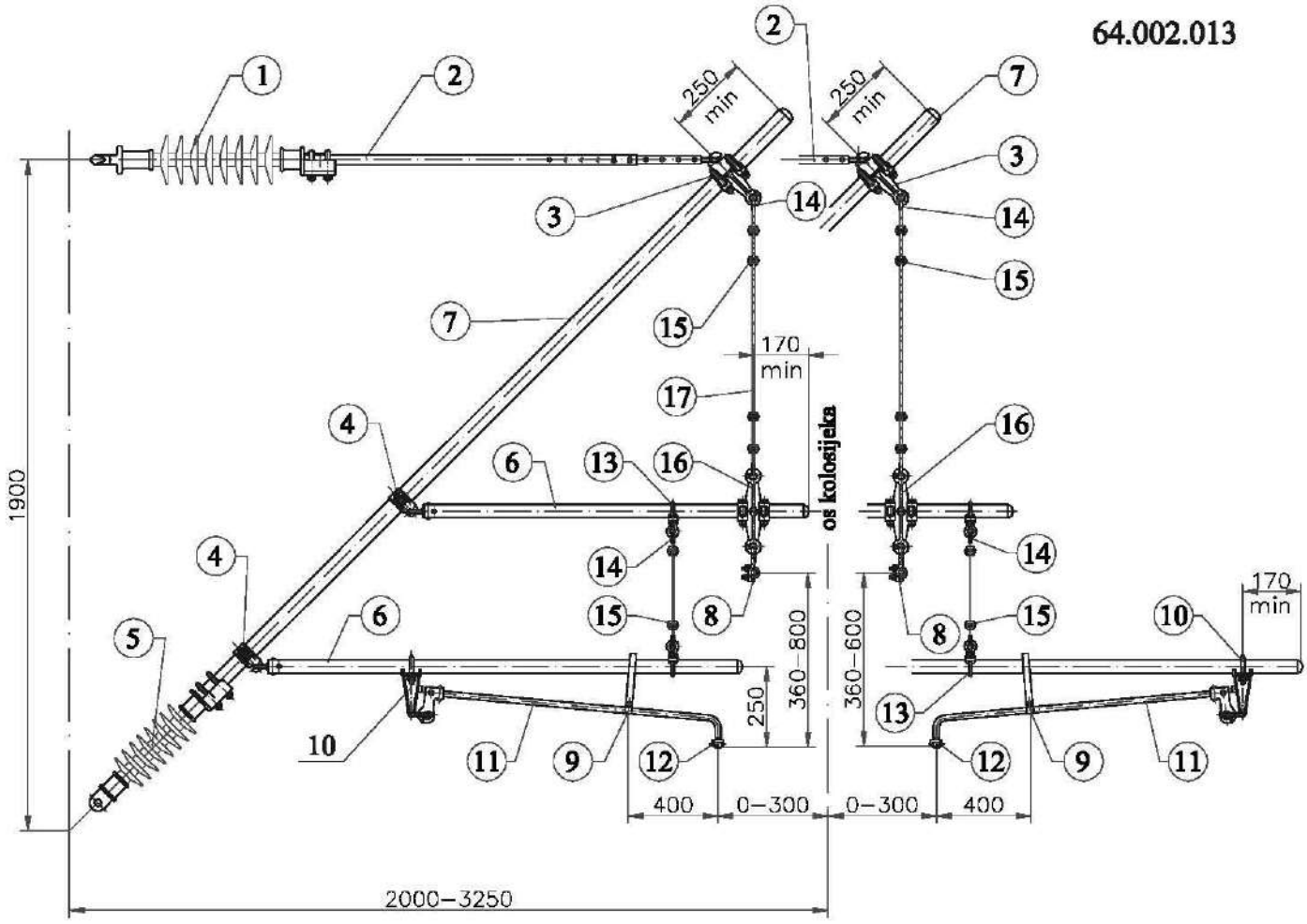
Tip 01
Type 01

Tip 02
Type 02

Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	Stezaljka s kukom Ø51 / Hook clamp for tube Ø51	64.205.000
5	1	Stezaljka nosivog užeta na kosniku / Catenary wire suspension clamp	64.205.100
6	1	Izolator kosnika konzole / Strut insulator	64.200.800
7	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
8	1	Držač poligonatora Ø51 / Drop bracket for tube Ø51	64.205.200
9	1	Poligonator / Steady arm rod	64.201.100
10	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200

KONZOLA SMANJENE SISTEMSKE VISINE
CANTILEVER ASSEMBLY FOR REDUCED LOADS

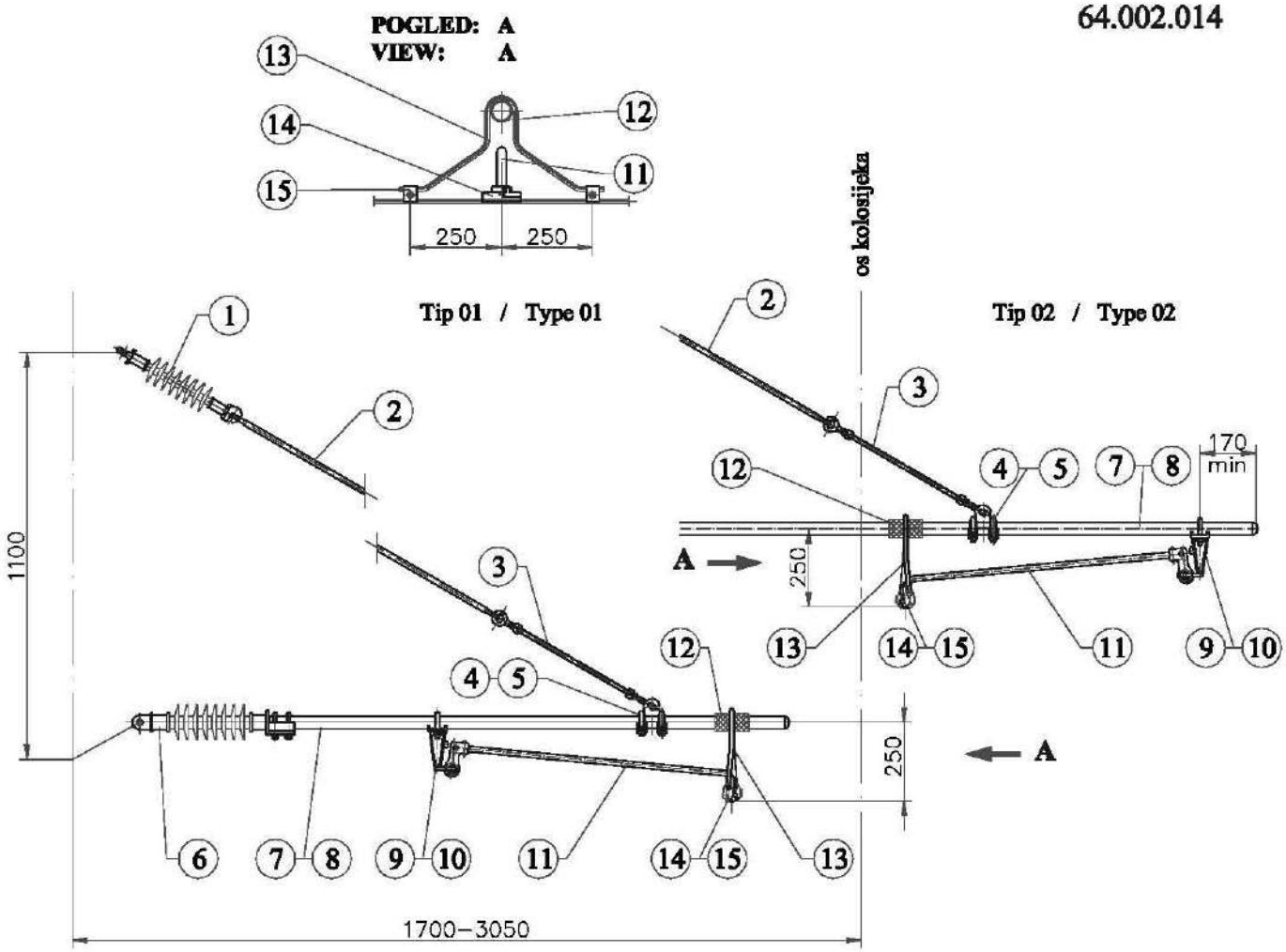
64.002.013



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.202.500
2	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	2	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
5	1	Izolator kosnika konzole / Strut insulator	64.200.800
6	2	Nosač poligonatora Ø41 / Register arm assembly Ø41	64.202.200
7	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
8	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
9	1	Alka protiv vjetra / Anti wind stirrup	64.202.200
10	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.201.300
11	1	Poligonator / Steady arm rod	64.201.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
13	2	Stezaljka "V" vješaljke Ø41 / "V" dropper eye clamp for tube Ø41	64.202.400
14	4	Uška alke za uže / Thimble	64.201.500
15	6	Stezaljka s U-vijkom za užad Ø5-7 / U-bolt clamp for cable Ø5-7	64.201.700
16	1	Stezaljka s dvostrukim prstenom Ø41 / Clamp with double eye Ø41	64.205.300
17	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
18	1	Uže pomoćne vješaljke / Helper hanger rope	64.206.400

KONZOLA DVOSTRUKOG KONTAKTNOG VODIČA BEZ NOSIVOG UŽETA
CANTILEVER ASSEMBLY FOR SINGLE OR TWIN CONTAT WIRE

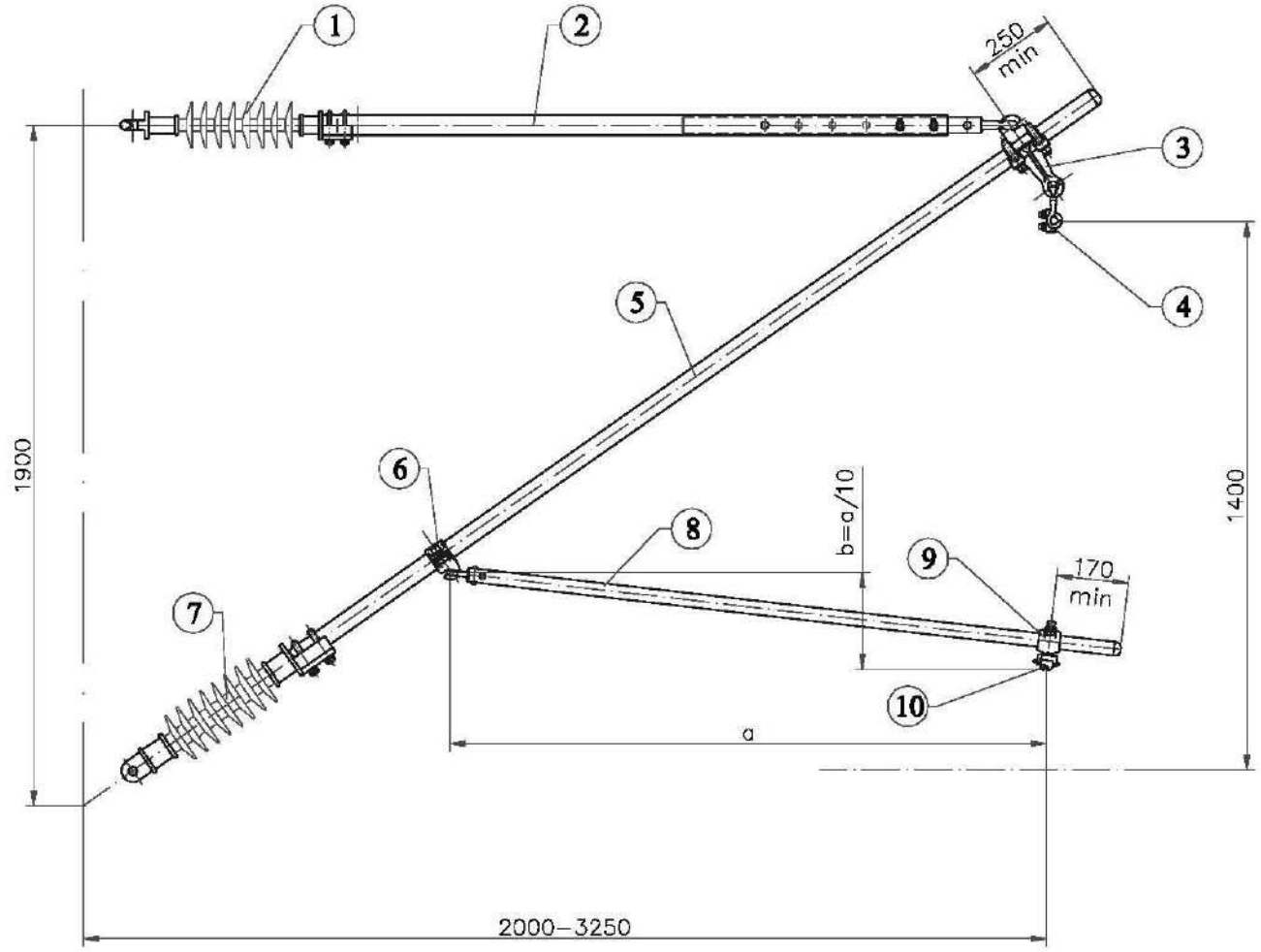
64.002.014



Poz Item	Kom/Pcs Tip/Type 01	02	03	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	1	1	Zatega / Top tie rods	64.200.200
3	1	1	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	1	0	Stezaljka s kukom za cijev Ø51 / Hook clamp for tube Ø51	64.205.000
5	0	0	1	Stezaljka s kukom za cijev Ø41 / Hook clamp for tube Ø41	64.204.800
6	1	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
7	1	1	0	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
8	0	0	1	Kosnik konzole Ø41 / Strut tube Ø41	64.200.600
9	1	1	0	Držač poligonatora Ø51 / Drop bracket for tube Ø51	64.205.200
10	0	0	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
11	1	1	1	Poligonator / Steady arm rod	64.201.100
12	1	1	1	Zaštitni prsten Ø51 (41) / Protection ring	64.205.400
13	1	0	0	Vješaljka za konzolu dvostr. kont. vodiča / Twin contact wire clip	64.205.500
14	1	0	0	Stezaljka dvostrukog kontaktnog vodiča za poligonator / Specijal dropper	64.205.600
15	2	2	2	Stezaljka KV - KV / Contact wire clip	64.500.700

KONZOLA NEAKTIVNOG VOZNOG VODA KOD SKRETNICE, ZA RADIJALNU SILU KA STUPU
CANTILEVER ASSEMBLY OUT-OF-RUNNING CONTACT WIRE, PUCH-OFF TYPE

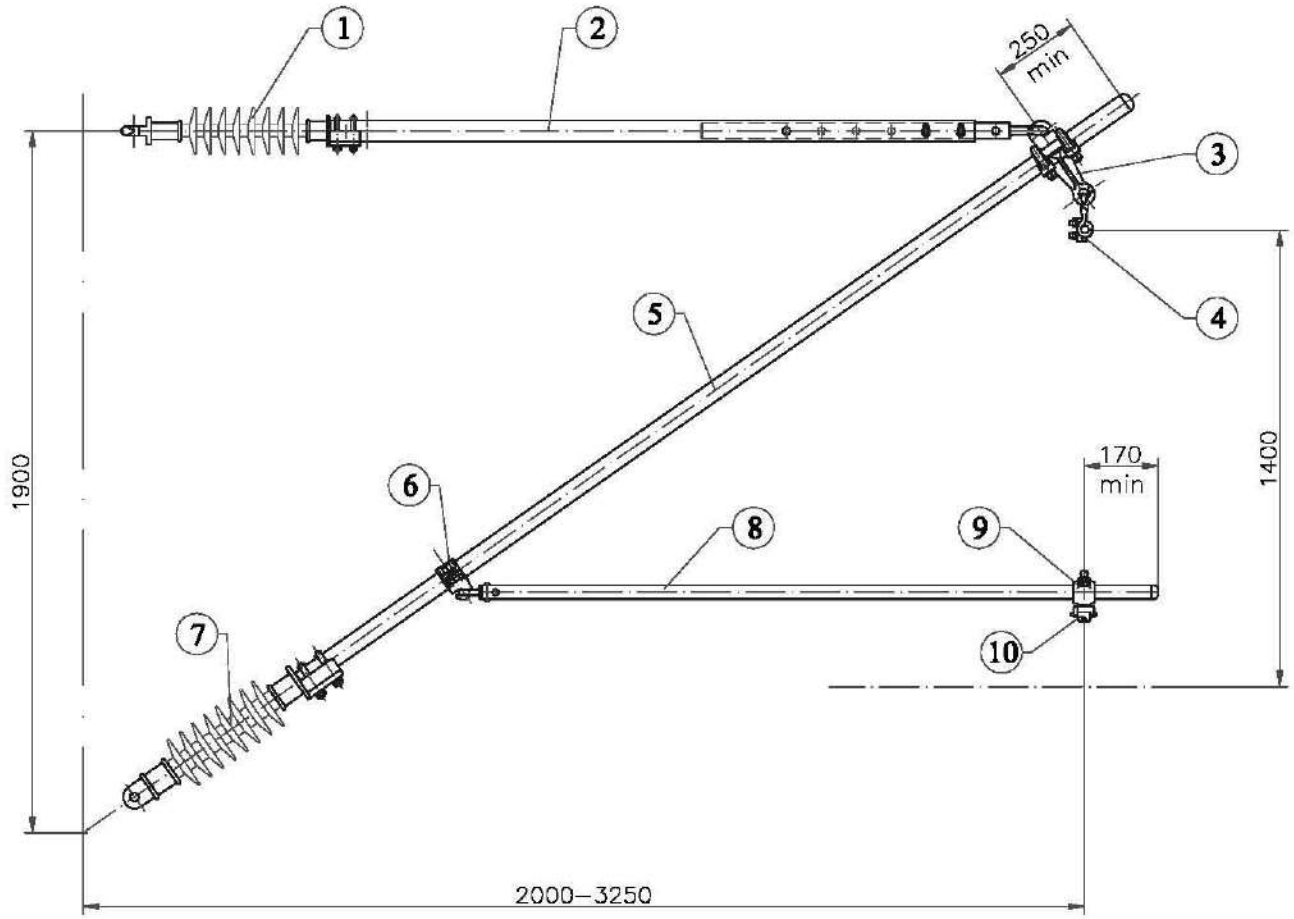
64.002.015



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.202.500
2	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
9	1	Nosač stezaljke kontaktnog vodiča Ø30 / Swivel fitting clamp for tube Ø30	64.202.700
10	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200

KONZOLA NEAKTIVNOG VOZNOG VODA KOD SKRETNICE, ZA RADIJALNU SILU OD STUPA
CANTILEVER ASSEMBLY OUT-OF-RUNNING CONTACT WIRE, PULL-OFF TYPE

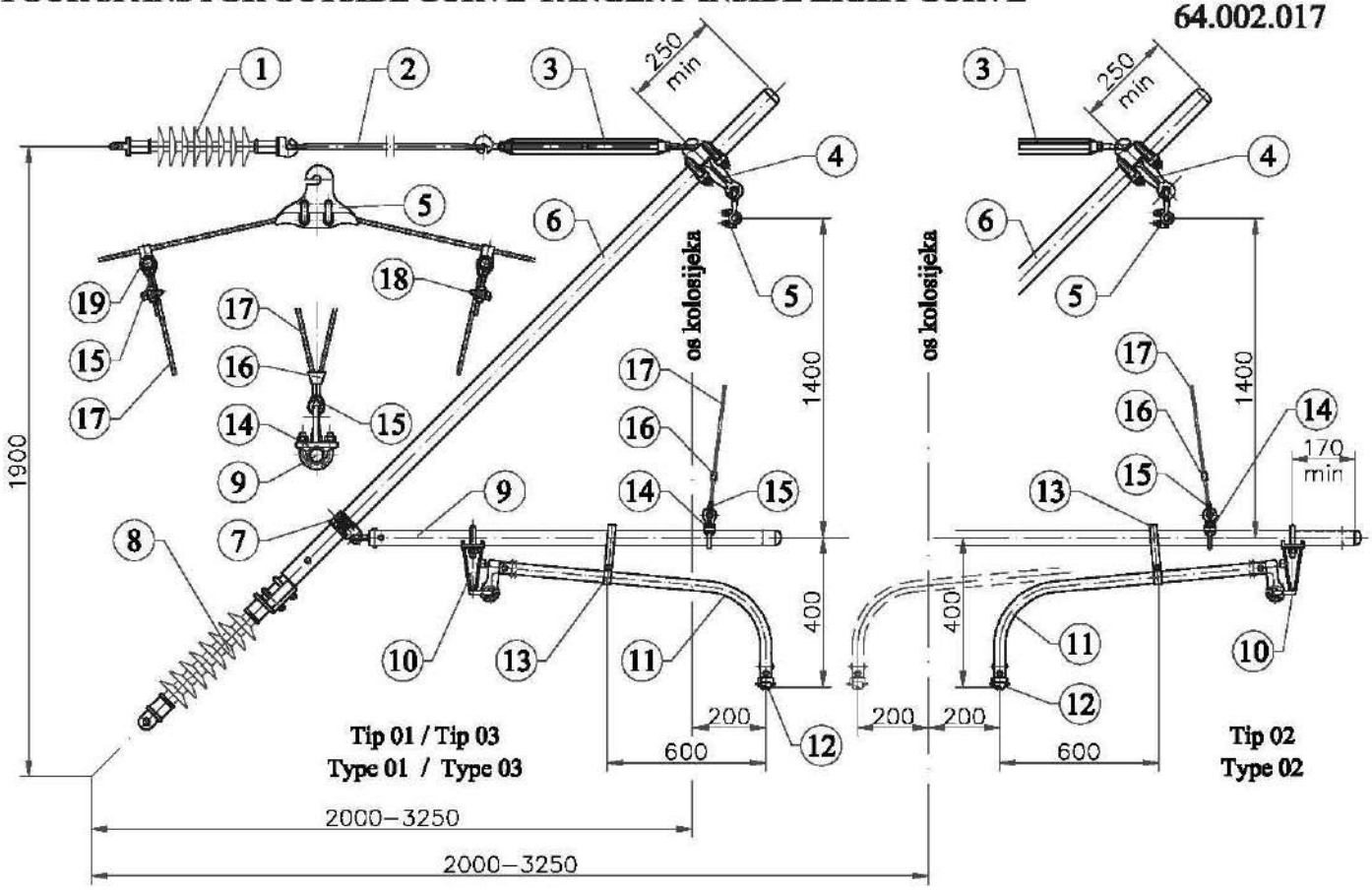
64.002.016



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.202.500
2	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
9	1	Nosač stezaljke kontaktnog vodiča Ø30 / Swivel fitting clamp for tube Ø30	64.202.700
10	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200

KONZOLA ZA ČETVERORASPONSKI IZOLIRANI PREKLOP U PRAVCU, VANJSKI ZAVOJ I LAKA OPTEREĆENJA U UNUTARNJEM ZAVOJU
CANTILEVER ASSEMBLY WITH BENT STEADY ARM FOR INSULATED OVERLAP ON FOUR SPANS FOR OUTSIDE CURVE-TANGENT-INSIDE LIGHT CURVE

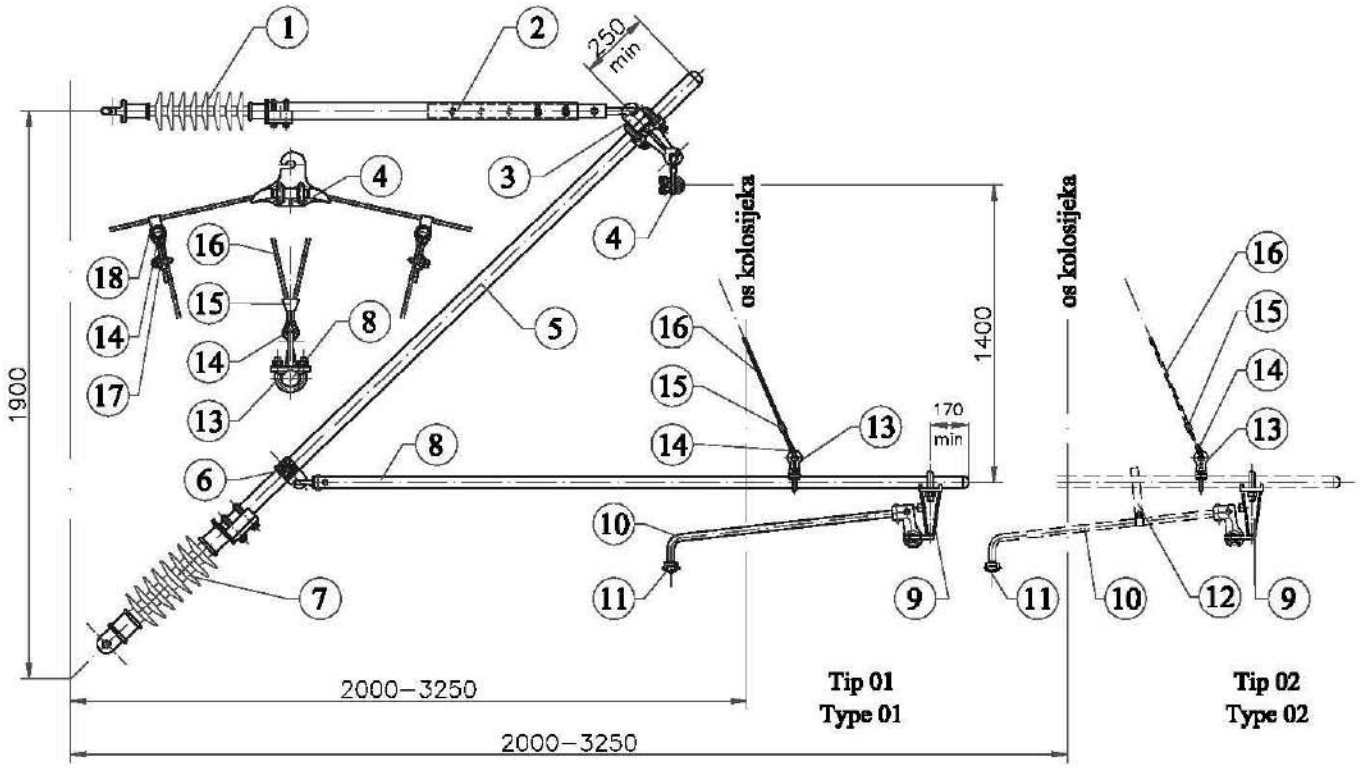
64.002.017



Poz Item	Kom/Pcs Tip/Type 01	02	03	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	1	1	Zatega / Top tie rods	64.200.200
3	1	1	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
5	1	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
6	1	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
7	1	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
8	1	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	1	1	Nosač poligonatora Ø41 / Register arm tube Ø41	64.202.200
10	1	1	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
11	1	1	1	Zakrivljeni poligonator / Bending steady arm	64.205.800
12	1	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
13	1	1	0	Alka protiv vjetra / Antiwind stirrup	64.205.900
14	1	1	1	Stezaljka "V" vješajlke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
15	3	3	3	Uška alke za uže / Thimble	64.201.500
16	1	1	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
17	1	1	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
18	2	2	2	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
19	2	2	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA ZA ČETVERORASPONSKI IZOLIRANI PREKLOP, ZA TEŠKA OPTEREĆENJA U UNUTARNJEM ZAVOJU
CANTILEVER ASSEMBLY WITH BENT STEADY ARM FOR INSULATED OVERLAP ON FOUR SPANS FOR INSIDE HEAVY CURVE

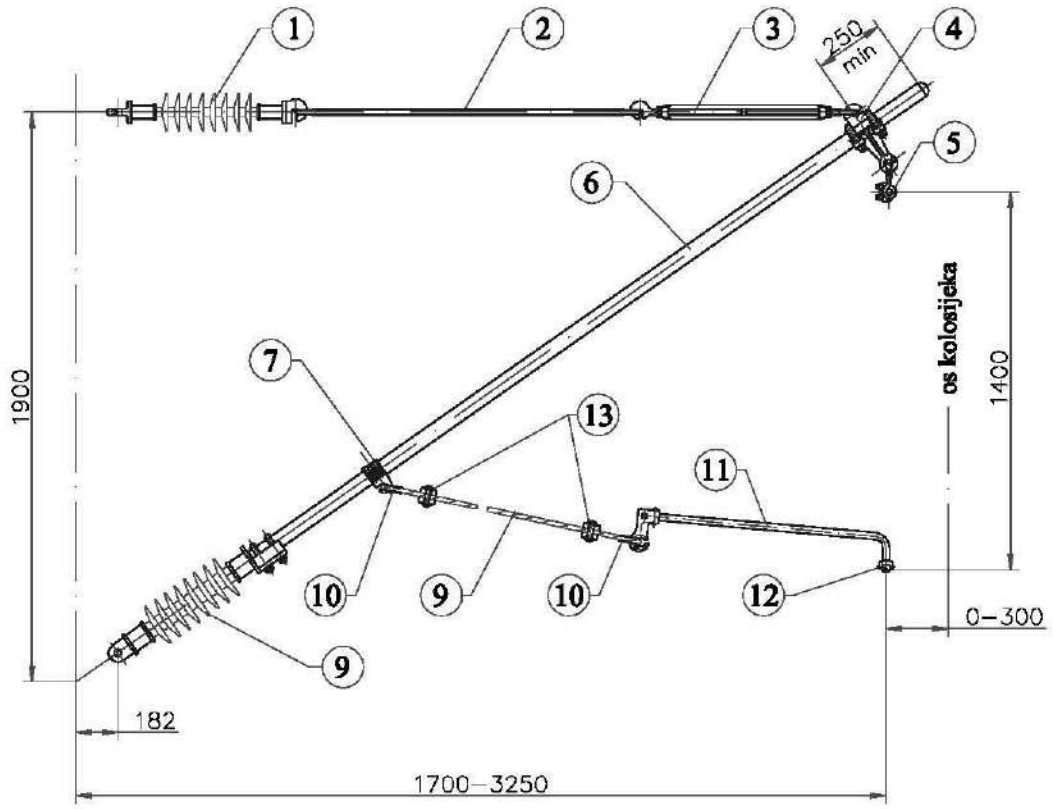
64.002.018



Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator zatege / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	1	1	Nosač poligonatora Ø41 / Register arm tube Ø41	64.202.200
9	1	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
10	1	1	Poligonator / Steady arm rods	64.205.800
11	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
12	0	1	Alka protiv vjetra / Antiwind stirrup	64.205.900
13	1	1	Stezaljka "V" vješajlke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
14	3	3	Uška alke za uže / Thimble	64.201.500
15	1	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
16	1	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
17	2	2	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.201.700
18	2	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800

KONZOLA BEZ NOSAČA POLIGONATORA
CANTILEVER ASSEMBLY WITHOUT BRACKET SUPPORT

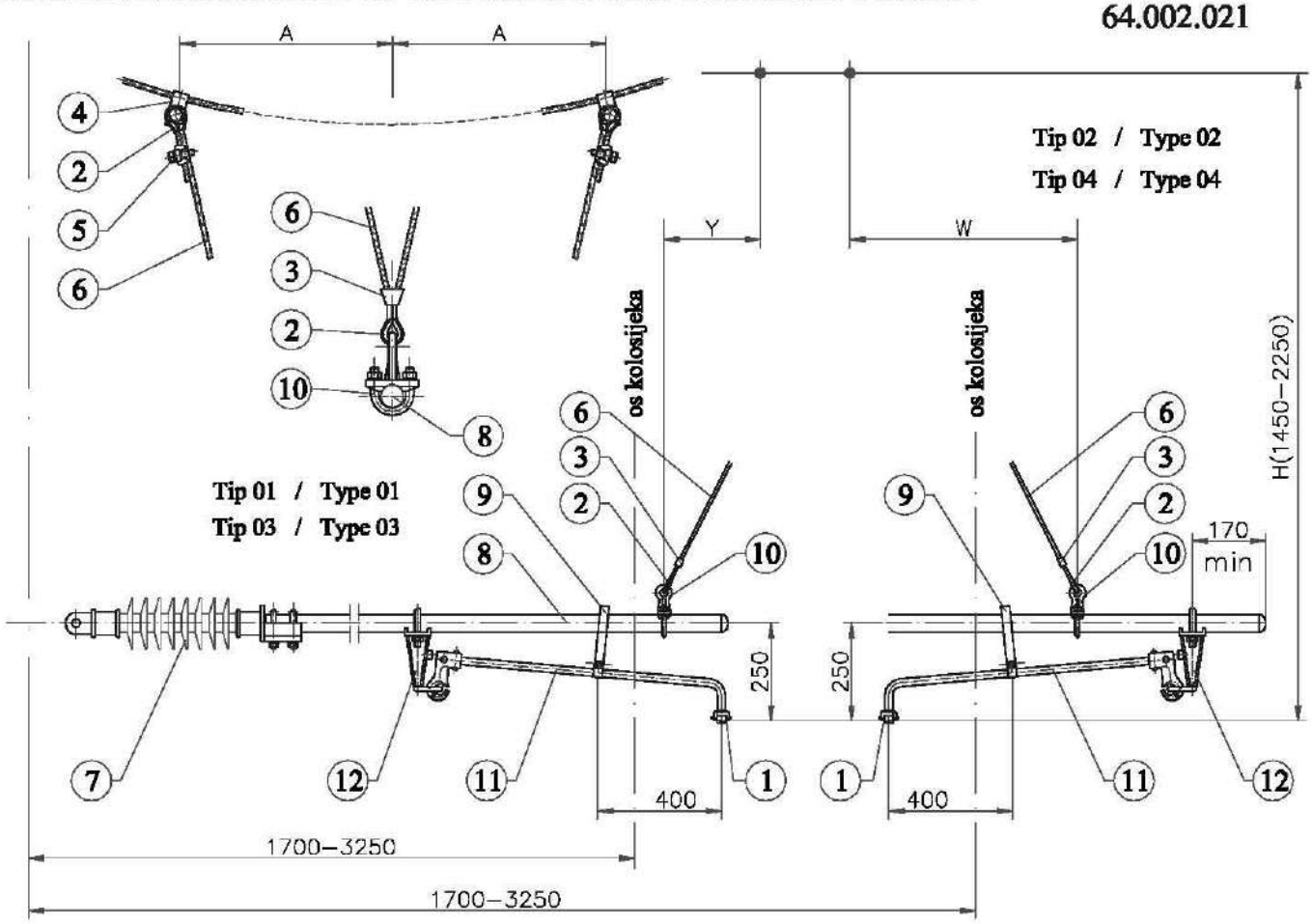
64.002.019



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.300
4	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
5	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
6	1	Kosnik konzole Ø51/Ø41 / Strut tube Ø51/Ø41	64.202.000
7	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
8	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	Čelično uže Ø8 (vruće pocinčano) / Steel wire Ø8 (h.d.g.)	64.501.600
10	2	Uška alke za uže / Thimble	64.201.500
11	1	Poligonator / Steady arm rod	64.201.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
13	2	Stezaljka s U-vijkom / U-bolt clamp for cable	64.201.700

KONZOLA ČVRSTE TOČKE ZA KRUTI PORTAL
CANTILEVER ASSEMBLY OF THE FIXED POINT FOR RIGID PORTAL

64.002.021



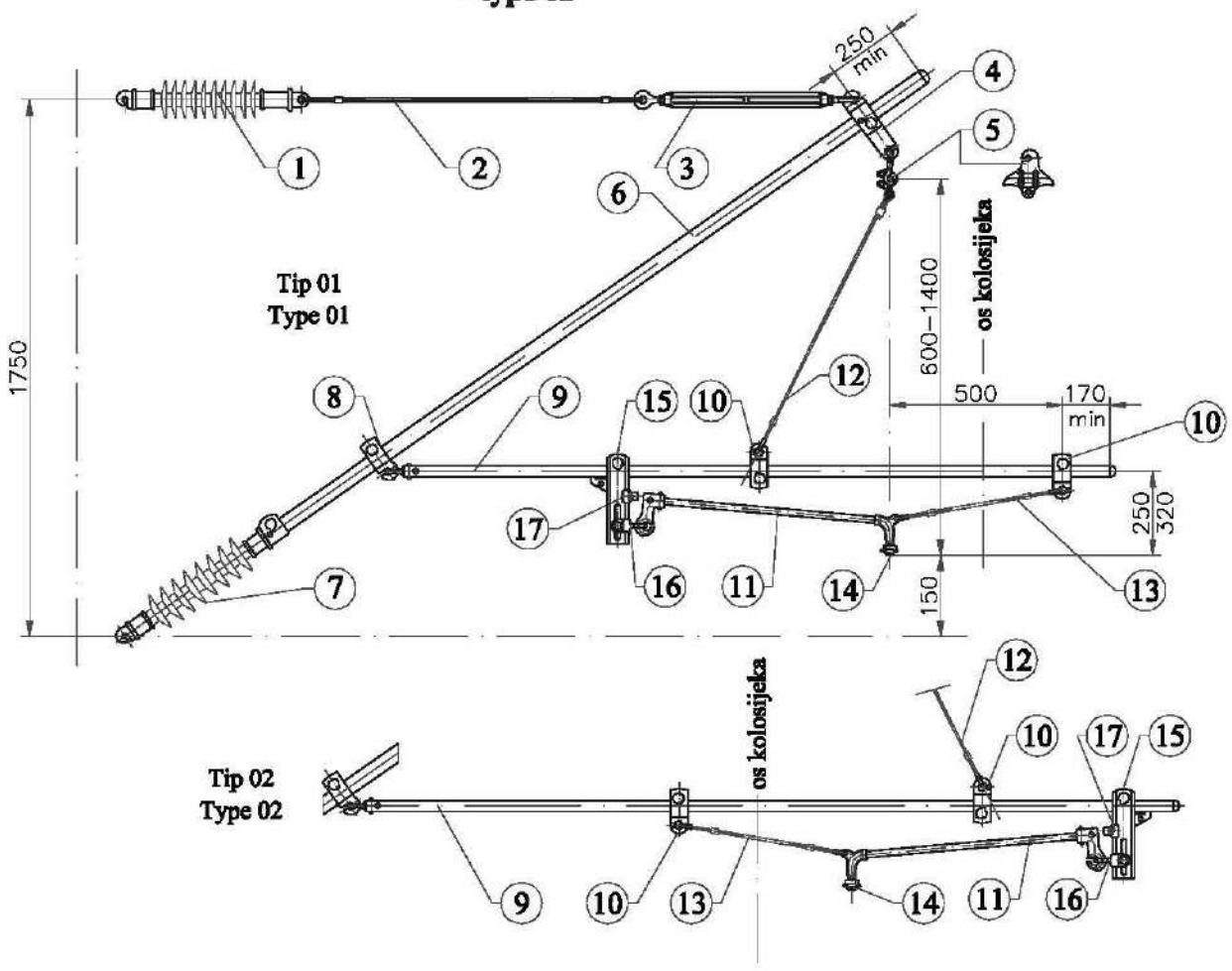
Geometrijske veličine Geometricals size [mm]		Približna razvijena dužina "V" vješaljke Approximate length vee dropper [mm]
A = 1000 H = 1450	Y = 350 W = 750	L = 2700 L = 2900
A = 1000 H = 1450	Y = 350 W = 750	L = 2700 L = 2900

Poz Item	Kom/Pcs Tip/Type 01/02	03/04	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
2	3	3	Uška alke za uže / Thimble	64.201.500
3	1	1	Prsten "V" vješaljke / "V" dropper sleeve	64.201.600
4	2	2	Obujmica "V" vješaljke / "V" dropper clip	64.201.800
5	2	2	Stezaljka s U-vijkom / U-bolt clamp for cable	64.201.700
6	1	1	Uže "V" vješaljke / "V" dropper cable	64.501.600
7	1	1	Izolator kosnika konzole / Strut insulator	64.200.800
8	2	2	Kosnik konzole Ø41 / Strut tube Ø41	64.200.600
9	2	0	Alka protiv vjetra / Antiwind stirrup	64.201.300
10	1	1	Stezaljka "V" vješajlke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
11	1	1	Poligonator / Steady arm rod	64.201.100
12	1	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300

KONZOLA ZA LAKA OPTEREĆENJA - tip 01 (poligonacija ka stupu)
- tip 02 (poligonacija od stupa)

CANTILEVER ASSEMBLY LIGHT SIZE - type 01
- type 02

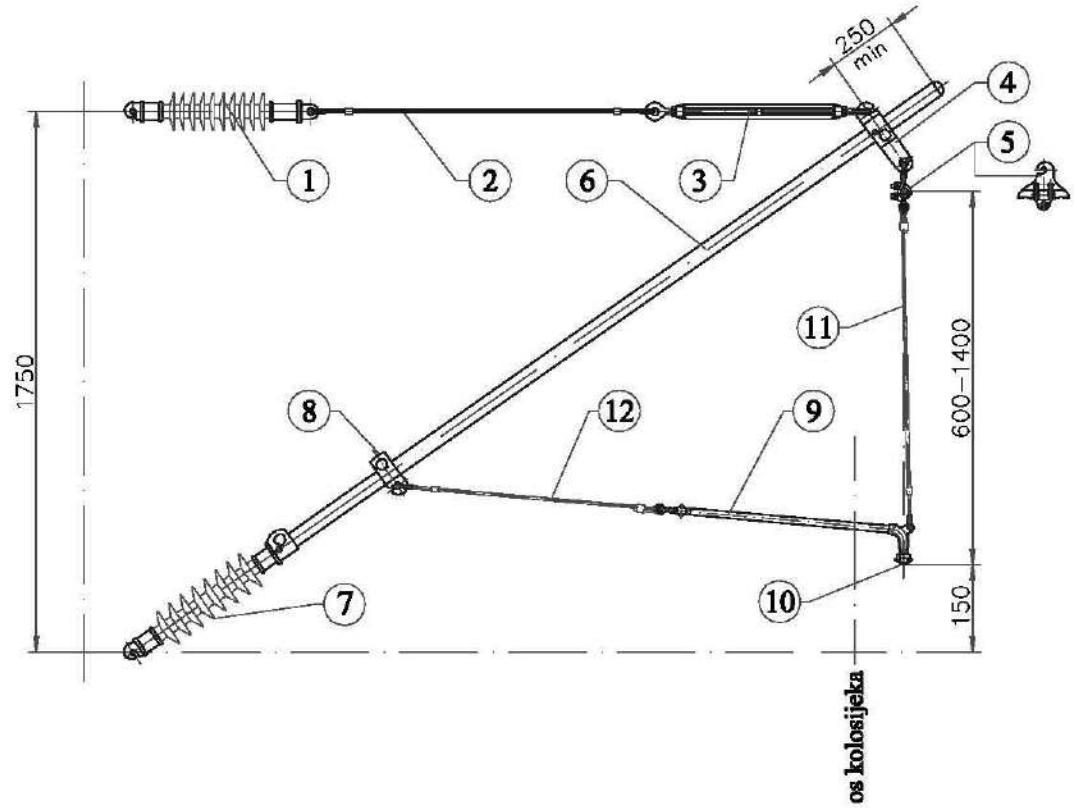
65.002.001



Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator zatege / Insulator	
2	1	1	Zatega konzole / Cantilever stay rod	43.64.184
3	1	1	Podesivi vijak / Turnbuckle	43.64.190
4	1	1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
5	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.250.500
6	1	1	Kosnik konzole 48 / Strut tube 48	65.202.000
7	1	1	Izolator kosnika konzole / Strut insulator	
8	1	1	Stezaljka s kukom za nosač poligonatora 48 / Clamp with hook 48	43.64.180
9	1	1	Nosač poligonatora 42 / Steady arm support 42	65.202.200
10	2	2	Stezaljka s prstenom 42 / Clamp with ring 42	43.64.189
11	1	1	Poligonator / Steady arm rod	64.205.700P
12	1	1	"I" vješaljka / "I" haenger	
13	1	1	Vješaljka poligonatora / Steady arm haenger	
14	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
15	1	1	Držač poligonatora / Steady arm fastener	43.64.193
16	1	1	Prsten držača poligonatora / Ring of steady arm fastener	43.64.202
17	1	1	Graničnik poligonatora / Steady arm limitor	43.64.203

KONZOLA ZA SREDNJA OPTEREĆENJA - tip 01 (poligonacija ka stupu)
CANTILEVER ASSEMBLY FOR MEDIUM SIZE - type 01

65.002.003

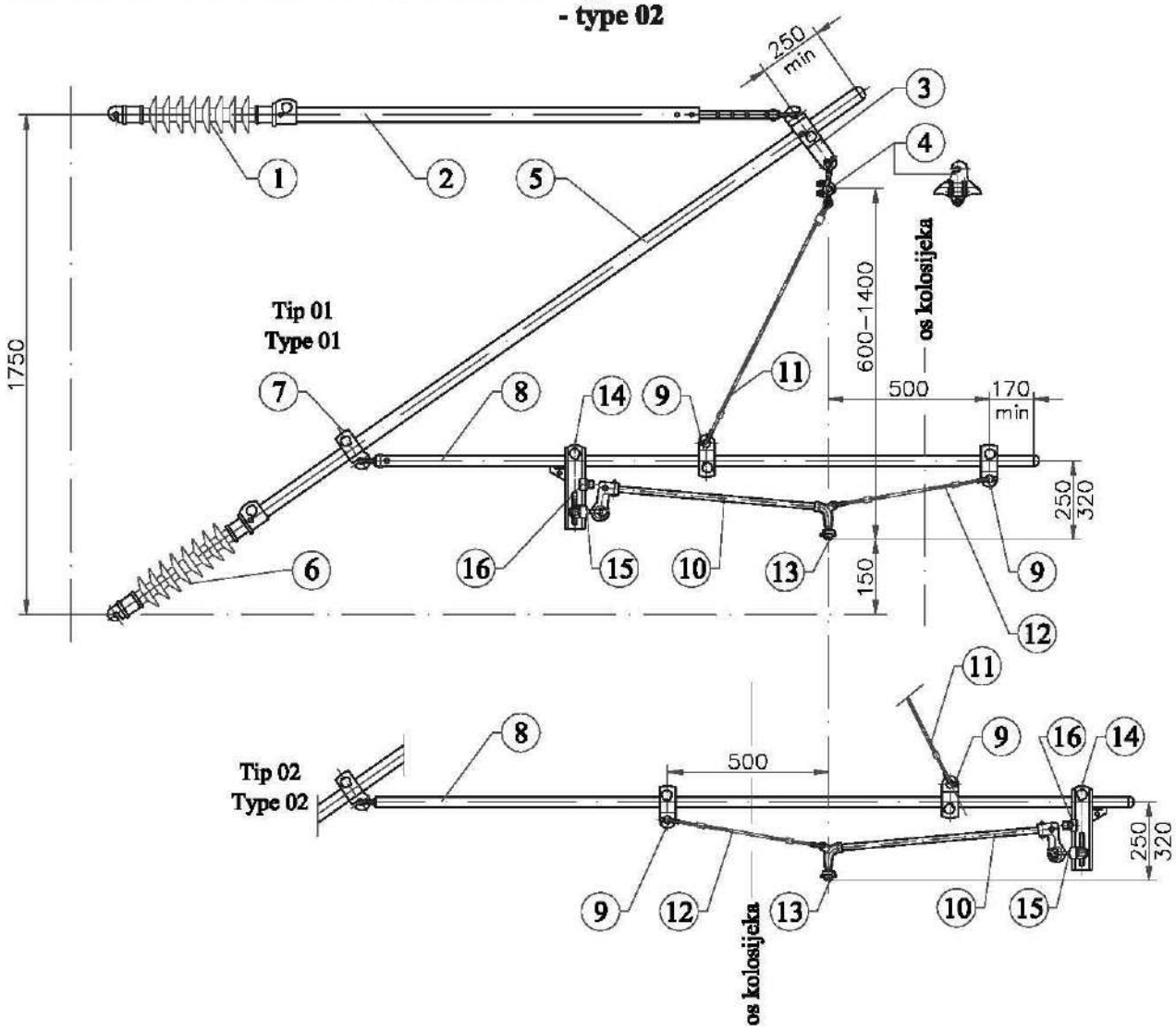


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Insulator	
2	1	Zatega konzole / Cantilever stay rod	43.64.184
3	1	Podesivi vijak / Turnbuckle	43.64.190
4	1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
5	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.250.500
6	1	Kosnik konzole 48 / Strut tube 48	65.202.000
7	1	Izolator kosnika konzole / Strut insulator	
8	1	Stezaljka s kukom za nosač poligonatora 42 / Clamp with hook 42	43.64.180
9	1	Poligonator / Steady arm rod	64.251.250
10	1	Stezaljka kontaktnog vodičan za poligonator / Contact wire clip	64.257.500P
11	1	Vješaljka poligonatora / Steady arm haenger	
12	1	Zatega od užeta 5 mm / Wire tensioner 5	

KONZOLA ZA SREDNJA OPTEREĆENJA - tip 01 (poligonacija ka stupu)
- tip 02 (poligonacija od stupa)

CANTILEVER ASSEMBLY FOR MEDIUM SIZE - type 01
- type 02

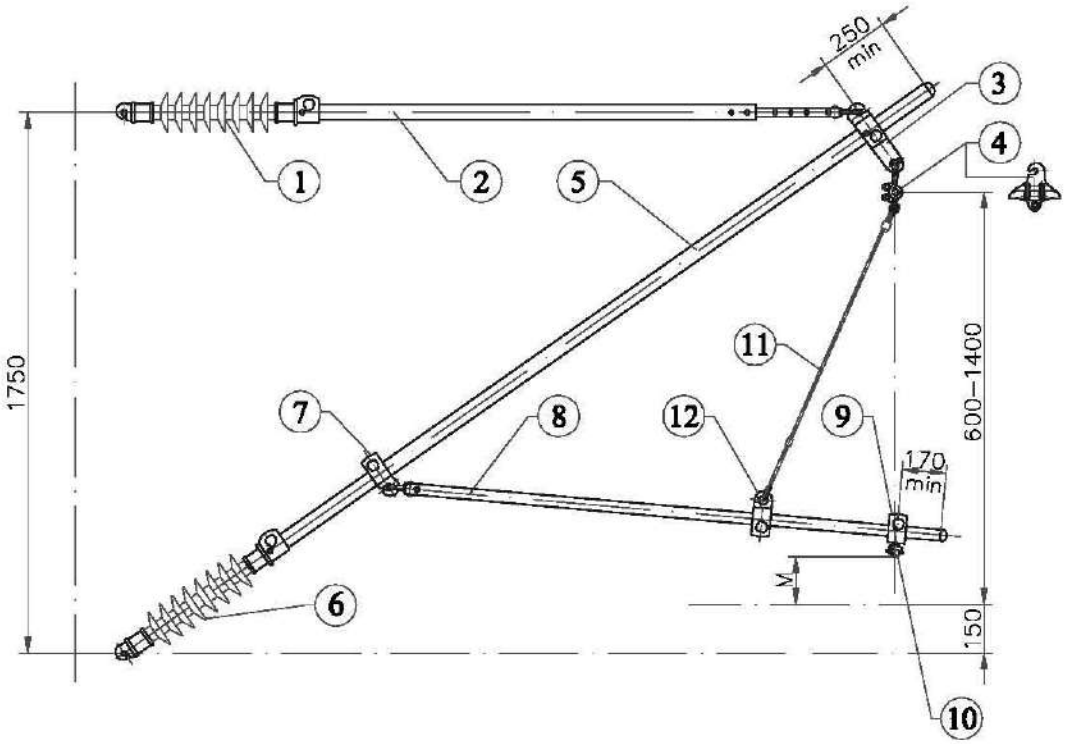
65.002.002



Poz Item	Kom Pcs 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Insulator	
2	1	1	Podešavajuća potpora / Adustable support	43.64.194
3	1	1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
4	1	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.250.500
5	1	1	Kosnik konzole 48 / Strut tube 48	65.202.000
6	1	1	Izolator kosnika konzole / Strut insulator	
7	1	1	Stezaljka s kukom za nosač poligonatora / Clamp with hook	43.64.180
8	1	1	Nosač poligonatora / Steady arm support	65.202.200
9	2	2	Stezaljka s prstenom / Clamp with ring	43.64.181
10	1	1	Poligonator / Steady arm rod	64.205.700P
11	1	1	"I" vješaljka / "I" haenger	
12	1	1	Vješaljka poligonatora / Steady arm haenger	
13	1	1	Stezaljka kontaktnog vodičan za poligonator / Contact wire clip	64.257.500P
14	1	1	Držač poligonatora / Steady arm fastener	43.64.193
15	1	1	Prsten držača poligonatora / Ring of steady arm fastener	43.64.202
16	1	1	Graničnik poligonatora / Steady arm limitor	43.64.203

KONZOLA NEAKTIVNOG VODA - tip 01
CANTILEVER FOR NON ACTIV LINE - type 01

65.002.007

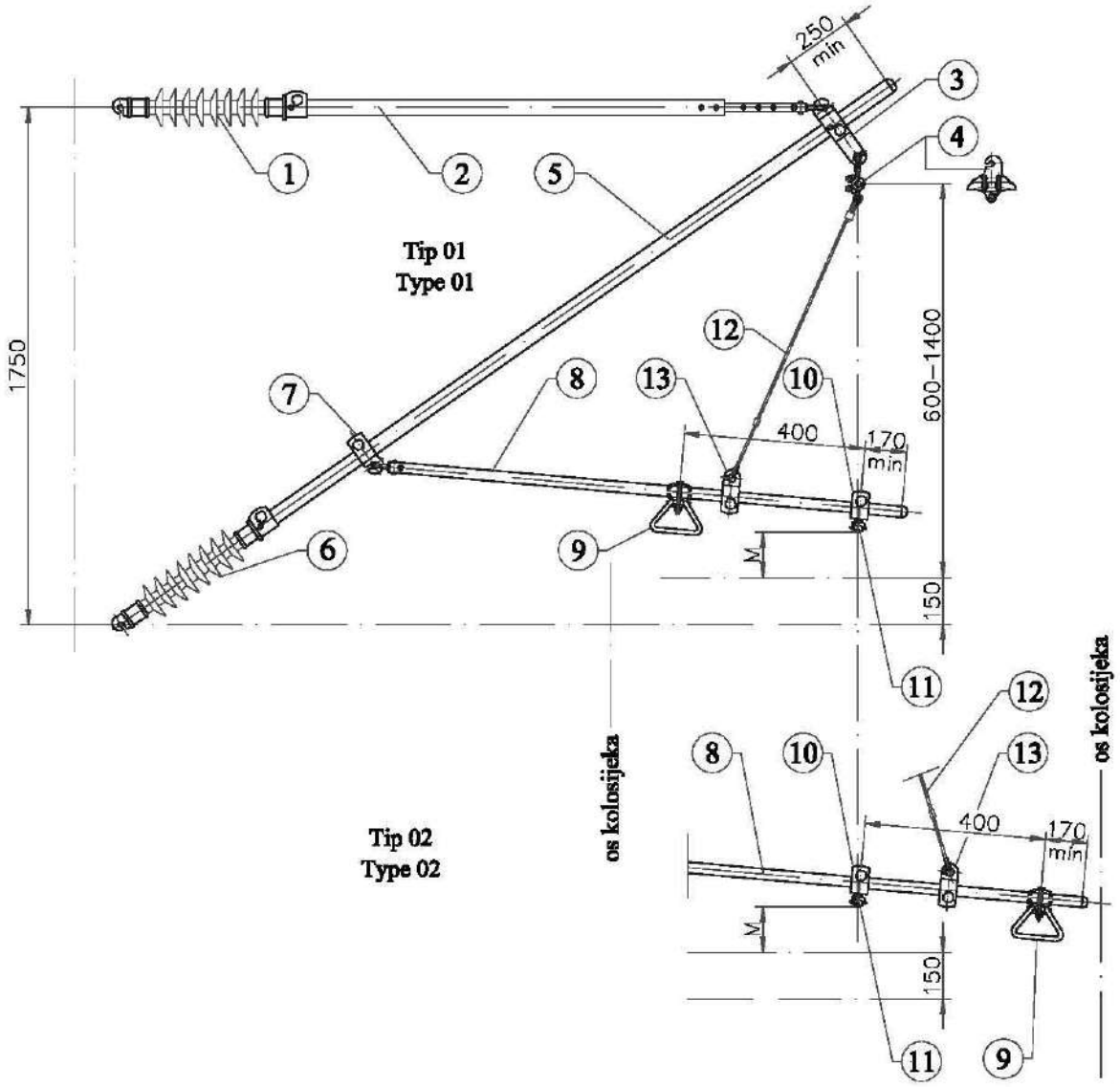


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Insulator	
2	1	Podešavajuća potpora / Adustable support	43.64.194
3	1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
4	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.250.500
5	1	Kosnik konzole 48 / Strut tube 48	65.202.000
6	1	Izolator kosnika konzole / Strut insulator	
7	1	Stezaljka s kukom za nosač poligonatora / Clamp with hook	43.64.180
8	1	Nosač poligonatora / Steady arm support	65.202.200
9	1	Stezaljka s batićem / Clamp with ball	43.64.182
10	1	Stezaljka kontaktnog vodičan za poligonator / Contact wire clip	64.257.500P
11	1	"I" vješaljka / "I" haenger	
12	1	Stezaljka s prstenom / Clamp with ring	43.64.181

KONZOLA NEAKTIVNOG VODA - tip 02 (poligonacija od stupa)
- tip 03 (poligonacija ka stupu) u izoliranom preklopu

CANTILEVER FOR NON ACTIV LINE - type 02
- type 03

65.002.008



Tip 01
Type 01

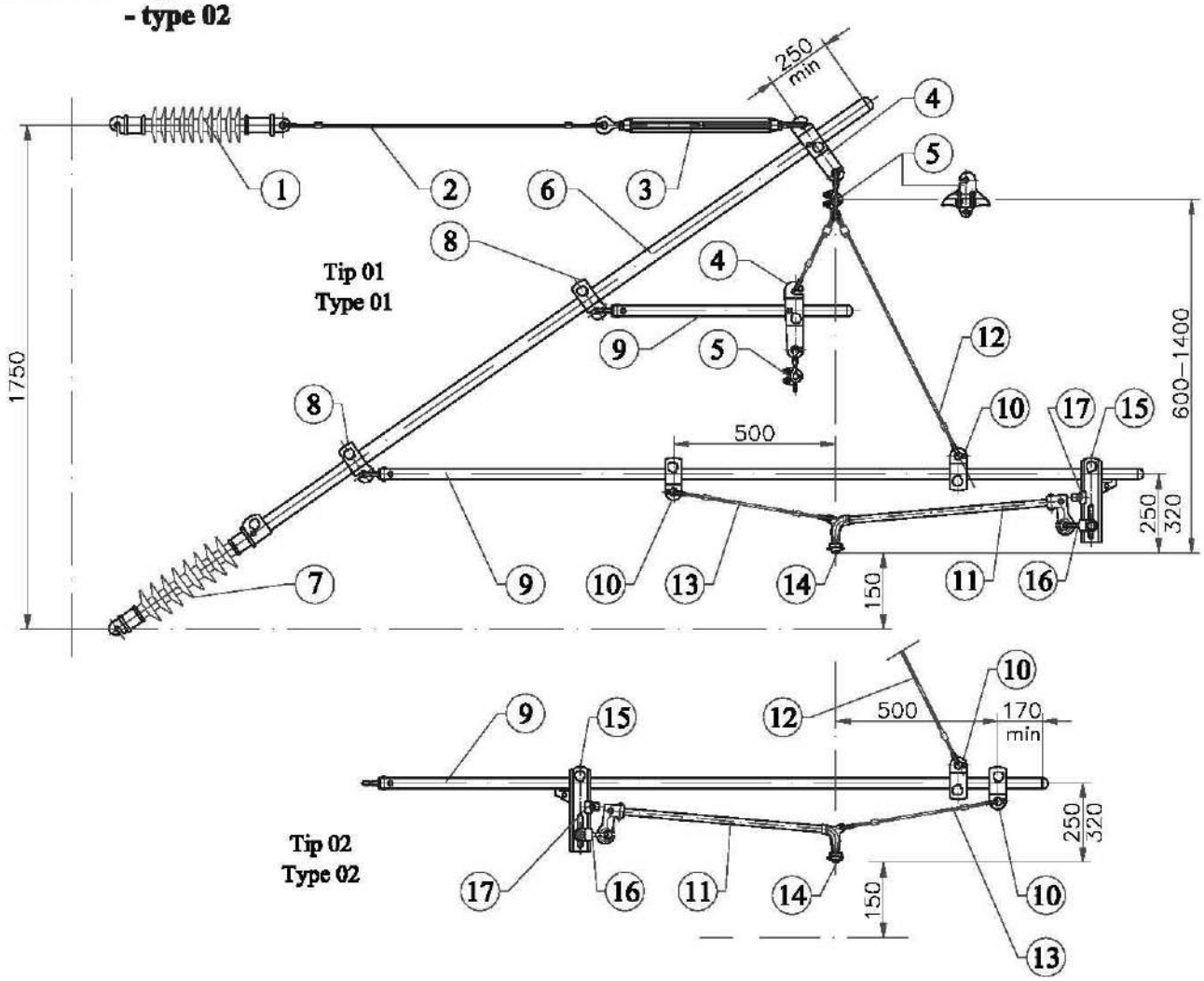
Tip 02
Type 02

Poz Item	Kom Pcs 01 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1 1	Izolator potpore / Insulator	
2	1 1	Podešavajuća potpora / Adustable support	43.64.194
3	1 1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
4	1 1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.250.500
5	1 1	Kosnik konzole 48 / Strut tube 48	65.202.000
6	1 1	Izolator kosnika konzole / Strut insulator	
7	1 1	Stezaljka s kukom za nosač poligonatora / Clamp with hook	43.64.180
8	1 1	Nosač poligonatora / Steady arm support	65.202.200
9	1 1	Graničnik / Limitor	64.252.400
10	1 1	Stezaljka s batićem / Clamp with ball	43.64.182
11	1 1	Stezaljka kontaktnog vodičan za poligonator / Contact wire clip	64.257.500P
12	1 1	"T" vješaljka / "T" haenger	
13	1 1	Stezaljka s prstenom / Clamp with ring	43.64.181

KONZOLA ZA PROMJENU SISTEMSKE VISINE - tip 01 (poligonacija od stupa)
- tip 02 (poligonacija ka stupu)

CANTILEVER - type 01
- type 02

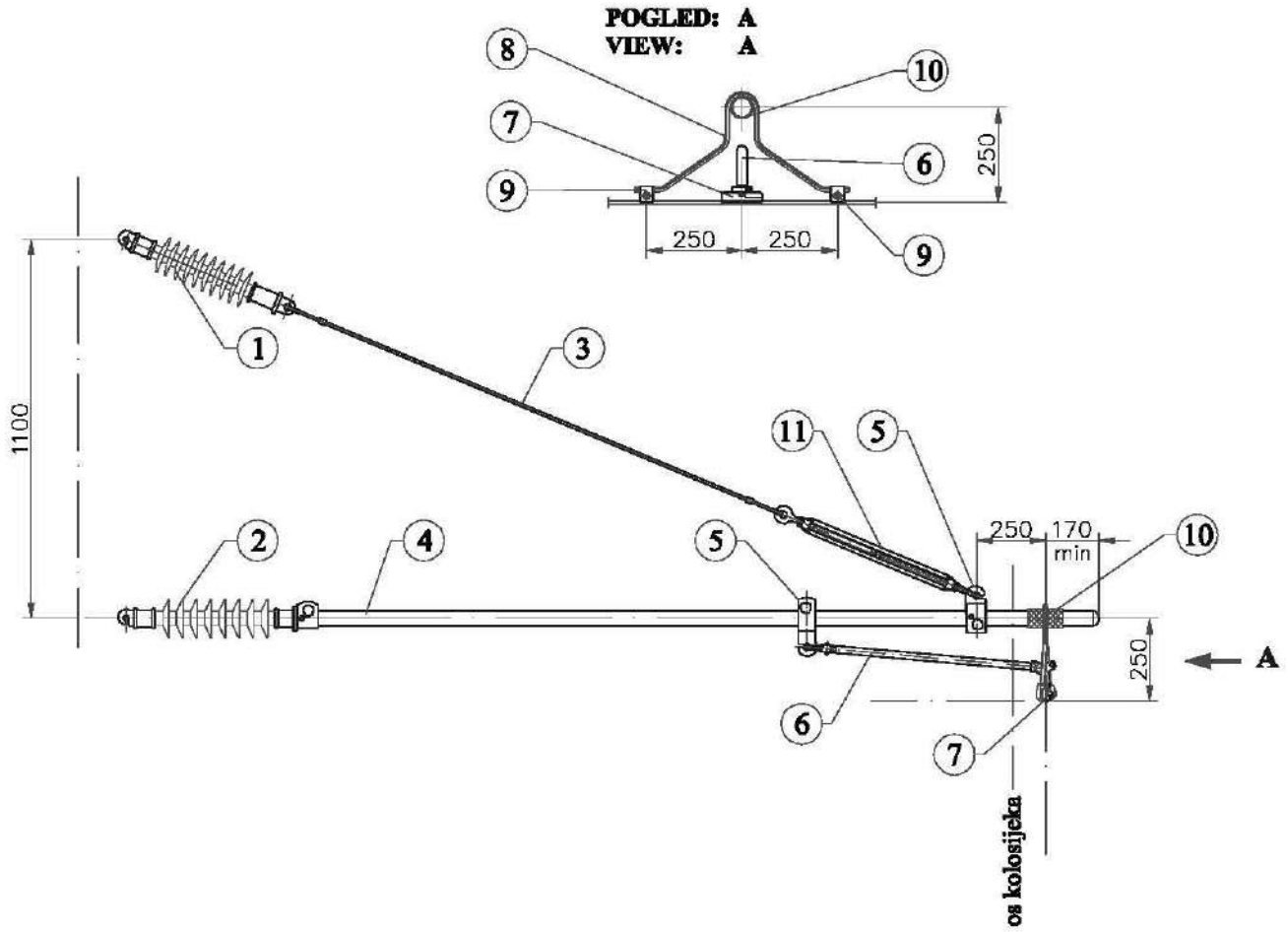
65.002.013



Poz Item	Kom Pcs 01	 02	Naziv sklopa Description	Kat,br. Cat.No.
1	1	1	Izolator zatege / Insulator	
2	1	1	Zatega konzole / Cantilever stay rod	43.64.184
3	1	1	Podesivi vijak / Turnbuckle	43.64.190
4	2	2	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
5	2	2	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.250.500
6	1	1	Kosnik konzole 48 / Strut tube 48	65.202.000
7	1	1	Izolator kosnika konzole / Strut insulator	
8	2	2	Stezaljka s kukom za nosač poligonatora 48 / Clamp with hook 48	43.64.180
9	2	2	Nosač poligonatora / Steady arm support	65.202.200
10	2	2	Stezaljka s prstenom 42 / Clamp with ring 42	43.64.181
11	1	1	Poligonator / Steady arm rod	64.205.700P
12	2	2	"T" vješaljka / "T" haenger	
13	1	1	Vješaljka poligonatora / Steady arm haenger	
14	1	1	Stezaljka kontaktnog vodičan za poligonator / Contact wire clip	64.257.500P
15	1	1	Držač poligonatora / Steady arm fastener	43.64.193
16	1	1	Prsten držača poligonatora / Ring of steady arm fastener	43.64.202
17	1	1	Graničnik poligonatora / Steady arm limitor	43.64.203

KONZOLA ZA VJEŠANJE VV BEZ NU - tip 01 (poligonacija ka stupu)
CANTILEVER - type 01

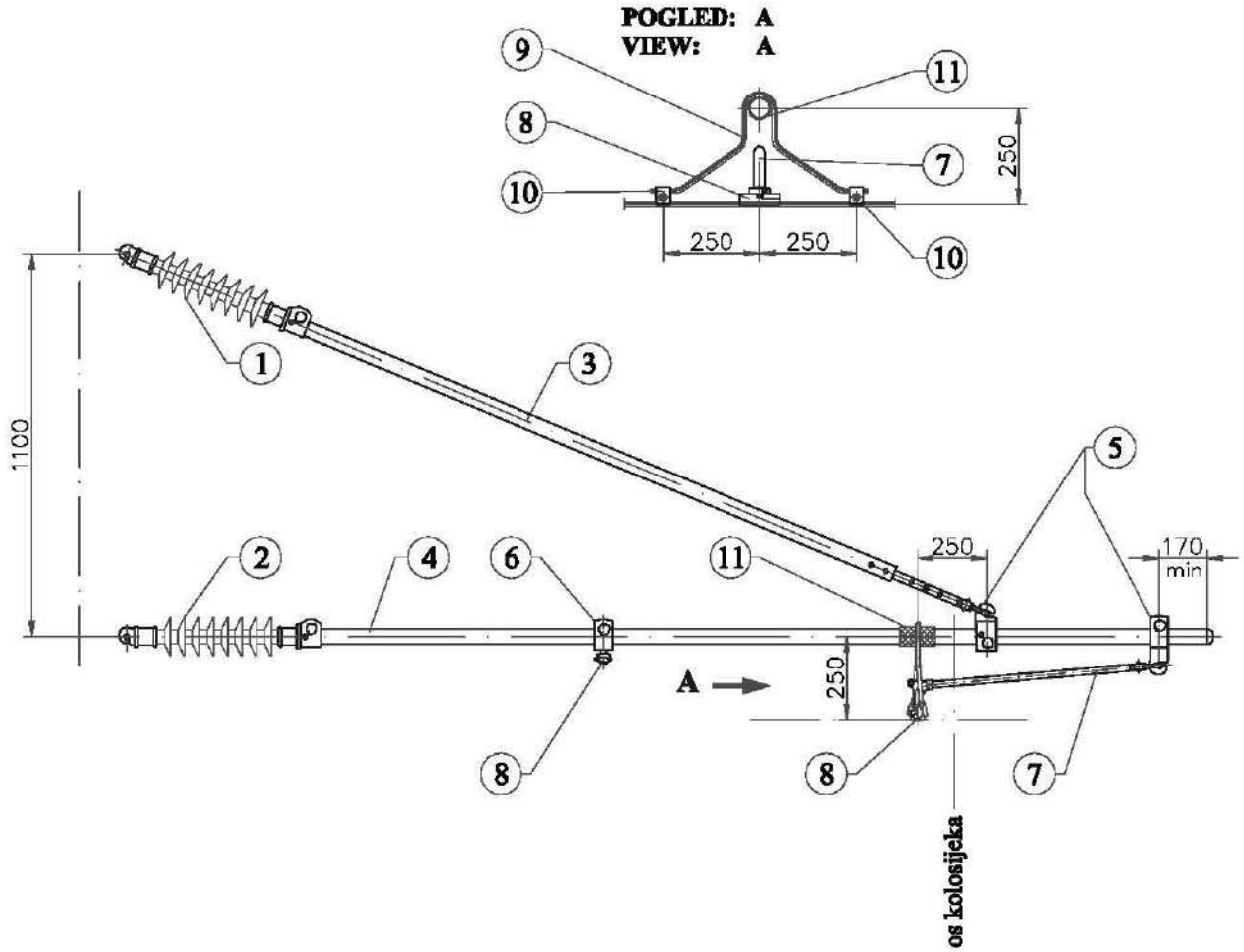
65.002.014



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Insulator	
2	1	Izolator kosnika / Insulator	
3	1	Zatega konzole / Cantilever stay rod	43.64.184
4	1	Nosač poligonatora 48 / Steady arm support 48	65.202.200
5	2	Stezaljka s kukom 48 / Clamp with hook 48	43.64.181
6	1	Ravni poligonator / Straight steady arm	64.251.250
7	1	Okretna stezaljka za kontaktni vodič / Rotation clamp	64.257.200
8	1	Vješaljka poligonatora / Steady arm haenger	
9	1	Univerzalna stezaljka / Parallel groove clamp	64.560.100
10	2	Zaštitni prsten 42 / Arcing ring 42	64.205.450
11	1	Zatezni vijak / Turnbuckle	43.64.190

KONZOLA ZA VJEŠANJE VV BEZ NU - tip 02 (poligonacija od stupa)
CANTILEVER - type 02

65.002.015

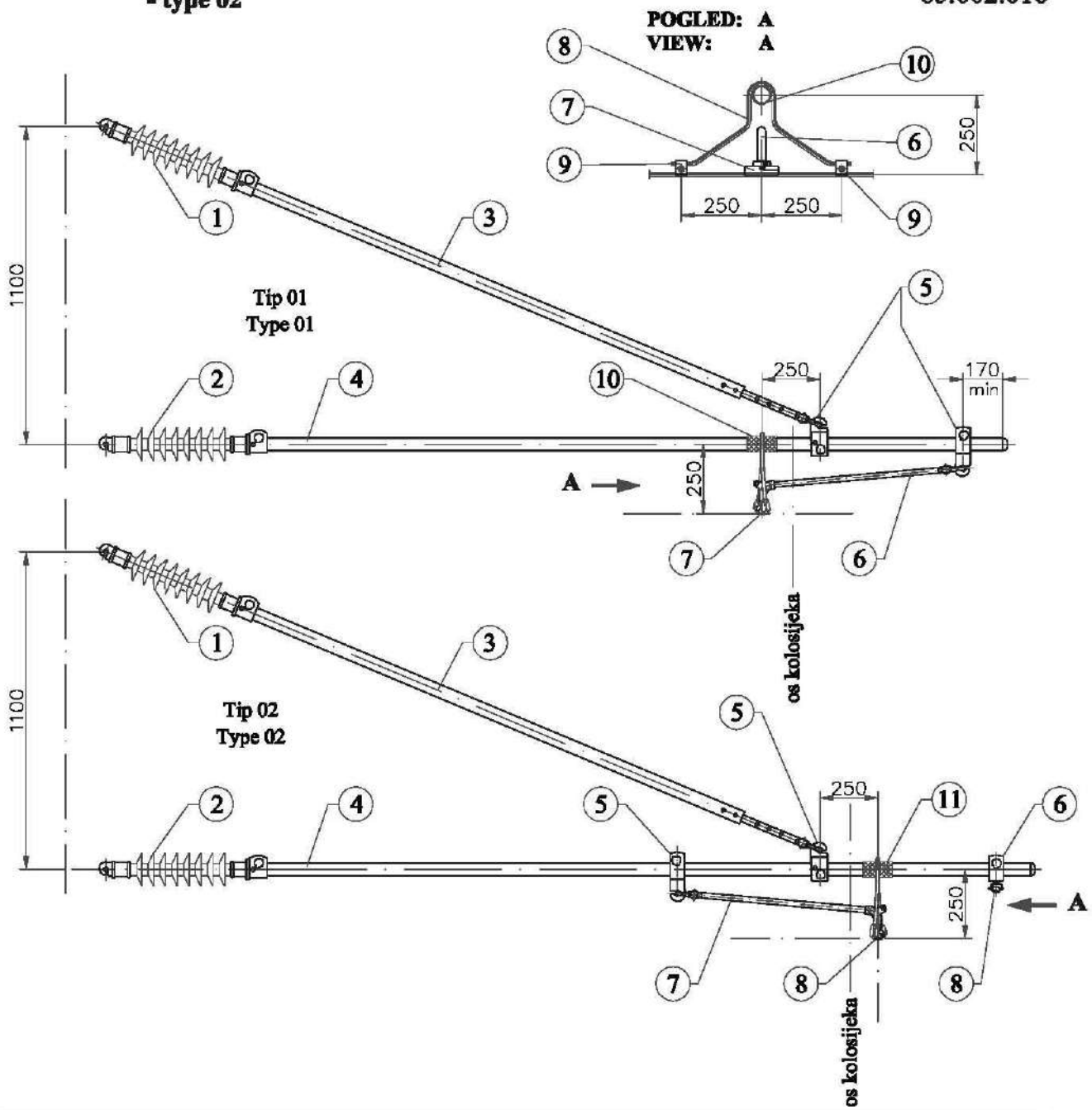


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Insulator	
2	1	Izolator kosnika / Insulator	
3	1	Podešavajuća potpora / Adustable support	43.64.194
4	1	Kosnik konzole 48 / Bracket 48	65.202.000
5	2	Stezaljka s kukom 48 / Clamp with hook 48	43.64.181
6	1	Stezaljka s batićem / Clamp with ball	43.64.182
7	1	Ravni poligonator / Straight steady arm	64.251.250
8	2	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
9	1	Vješaljka poligonatora / Steady arm haenger	
10	2	Univerzalna stezaljka / Parallel groove clamp	64.560.100
11	1	Zaštitni prsten / Arcing ring	64.205.450

KONZOLA ZA VJEŠANJE DVOSTRUKOG KP BEZ NU - tip 01 (poligonacija od stupa)
- tip 02 (poligonacija ka stupu)

CANTILEVER - type 01
- type 02

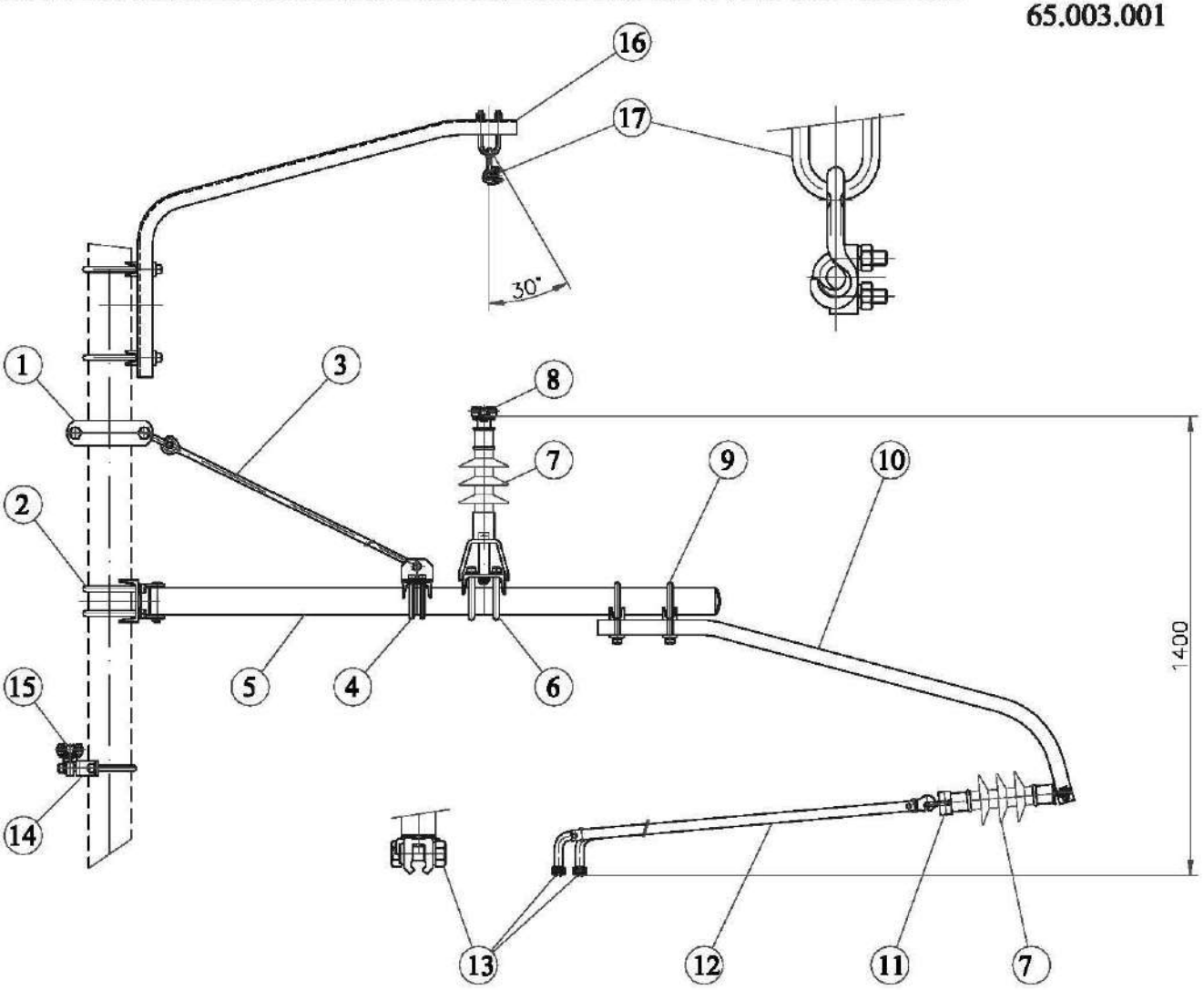
65.002.016



Poz Item	Kom Pcs 01	02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Insulator	
2	1	1	Izolator kosnika / Insulator	
3	1	1	Podešavajuća potpora / Adustable support	43.64.194
4	1	1	Kosnik konzole 48 / Bracket 48	65.202.200
5	2	2	Stezaljka s kukom 48 / Clamp with hook 48	43.64.181
6	1	1	Ravni poligonator / Straight steady arm	64.251.250
7	1	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
8	1	1	Vješaljka poligonatora / Steady arm haenger	
9	2	2	Univerzalna stezaljka / Parallel groove clamp	64.560.100
10	1	1	Zaštitni prsten / Arcing ring	64.205.450

KONZOLA ZA VJEŠANJE JEDNOG NU PREKO JEDNOG KOLOSJEKA
CATENERY SYSTEM SUPPORT FOR ONE CATENARY OVER ONE TRACK

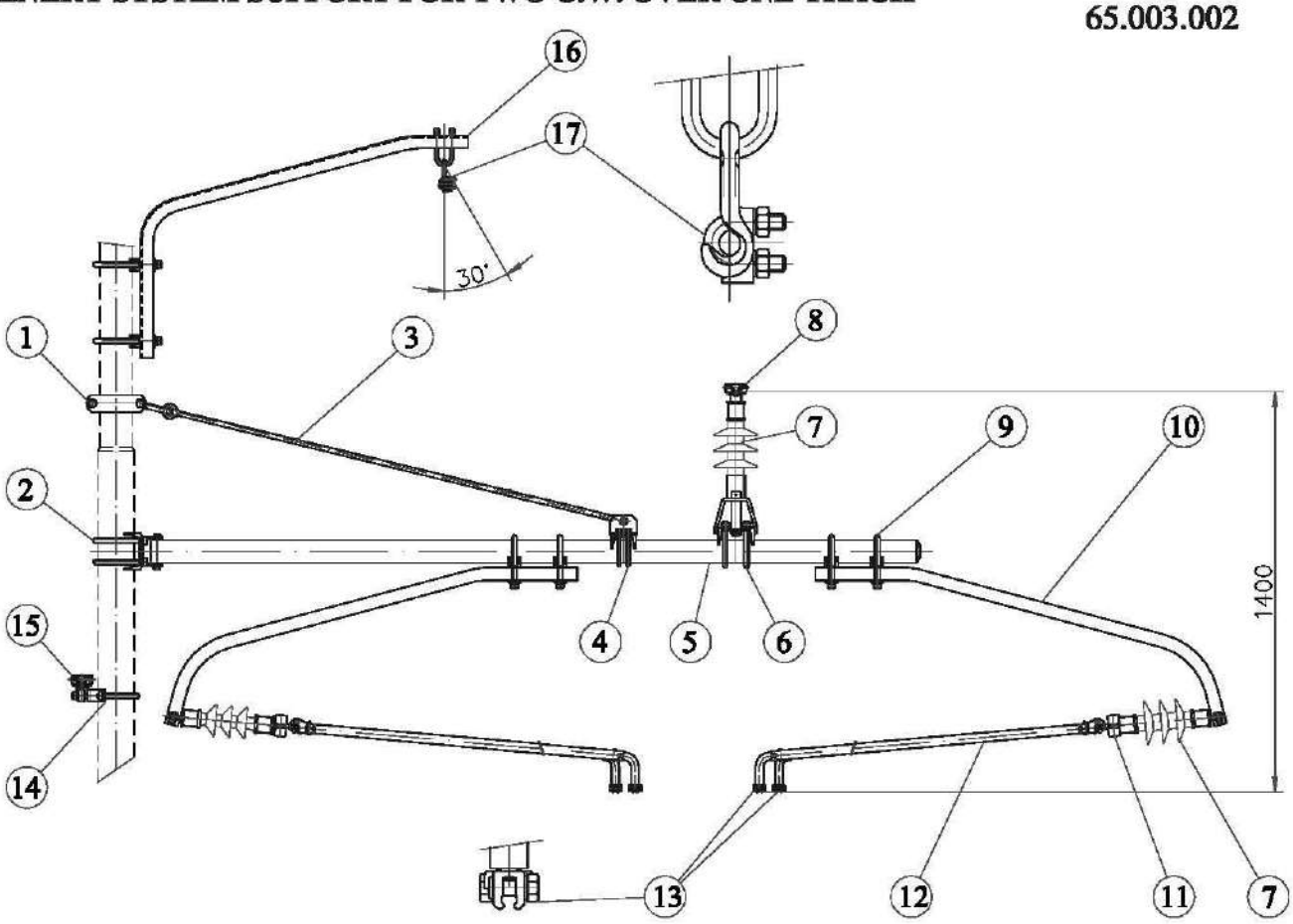
65.003.001



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	1	Zatega kosnika / Bracket stay rod	65.31.700
4	1	Pričvrsnik zatege / Stay rod fastener	65.110.300
5	1	Kosnik / Bracket	65.31.600
6	1	Nosač izolatora /Insulator support	65.31.400
7	2	Silikonski izolator / Silicon insulator	
8	1	Stezaljka / Clamp	65.32.300
9	2	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
10	1	Nosač izolatora / Insulator support	65.31.500
11	1	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
12	2	Poligonator / Steady arm	65.31.100
13	2	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
14	1	Nosač stezaljke / Support	65.110.500
15	1	Stezaljka / Clamp	65.32.100
16	1	Nosač gromobranske zaštite / Lightning conductor support	65.110.500
17	1	Nosna stezaljka / Suspension clamp	64.203.000B

KONZOLA ZA VJEŠANJE DVA KONTAKTNA VODIČA PREKO JEDNOG KOLOSJEKA
CATENERY SYSTEM SUPPORT FOR TWO C.W. OVER ONE TRACK

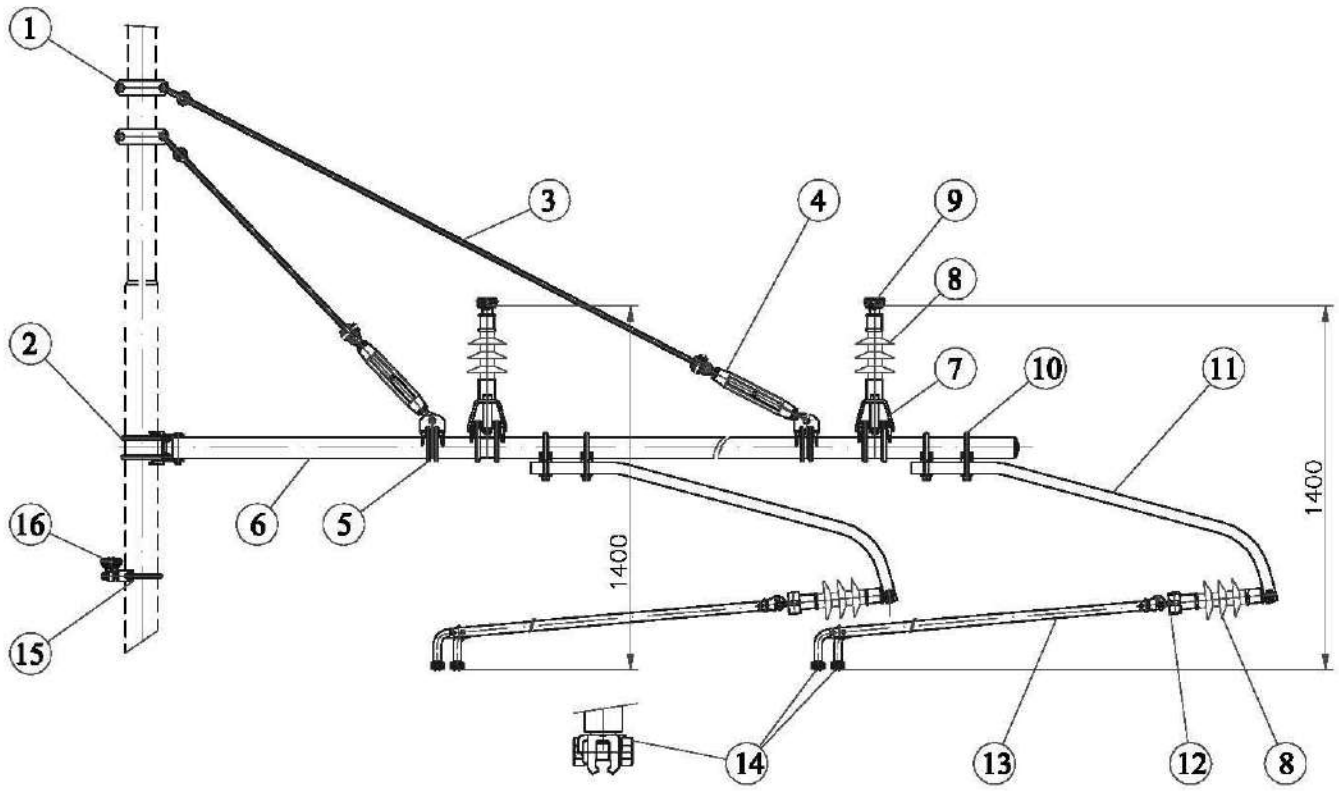
65.003.002



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	1	Zatega kosnika / Bracket stay rod	65.31.700
4	1	Pričvrsnik zatege / Stay rod fastener	65.110.300
5	1	Kosnik / Bracket	65.31.600
6	1	Nosač izolatora /Insulator support	65.31.400
7	3	Silikonski izolator / Silicon insulator	
8	1	Stezaljka / Clamp	65.32.400
9	4	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
10	2	Nosač izolatora / Insulator support	65.31.500
11	2	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
12	4	Poligonator / Steady arm	65.31.100
13	4	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
14	1	Nosač stezaljke / Support	65.110.500
15	1	Stezaljka / Clamp	65.32.100
16	1	Nosač gromobranske zaštite / Lightning conductor support	65.110.500
17	1	Nosna stezaljka / Suspension clamp	64.203.000B

KONZOLA ZA VJEŠANJE DVA KONTAKTNA VODIČA PREKO DVA KOLOSJEKA
CATENERY SYSTEM SUPPORT FOR TWO C.W. OVER TWO TRACKS

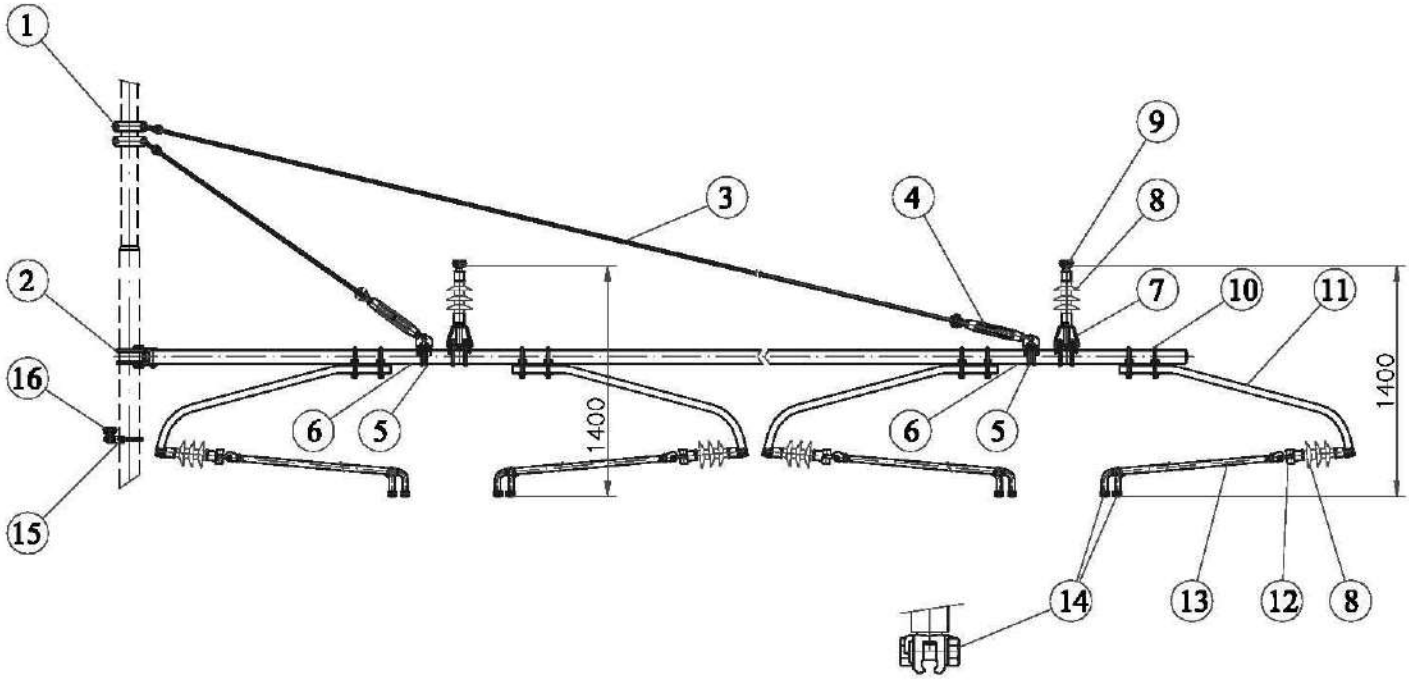
65.003.003



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	2	Zatega kosnika / Bracket stay rod	65.31.700
4	2	Zatezač / Turnbuckle	25.37.011
5	2	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.600
7	2	Nosač izolatora /Insulator support	65.31.400
8	4	Silikonski izolator / Silicon insulator	
9	2	Stezaljka / Clamp	65.32.300
10	4	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	2	Nosač izolatora / Insulator support	65.31.500
12	2	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	4	Poligonator / Steady arm	65.31.100
14	4	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA VJEŠANJE ČETIRI KONTAKTNA VODIČA PREKO DVA KOLOSJEKA
CATENERY SYSTEM SUPPORT FOR FOUR C.W. OVER TWO TRACKS

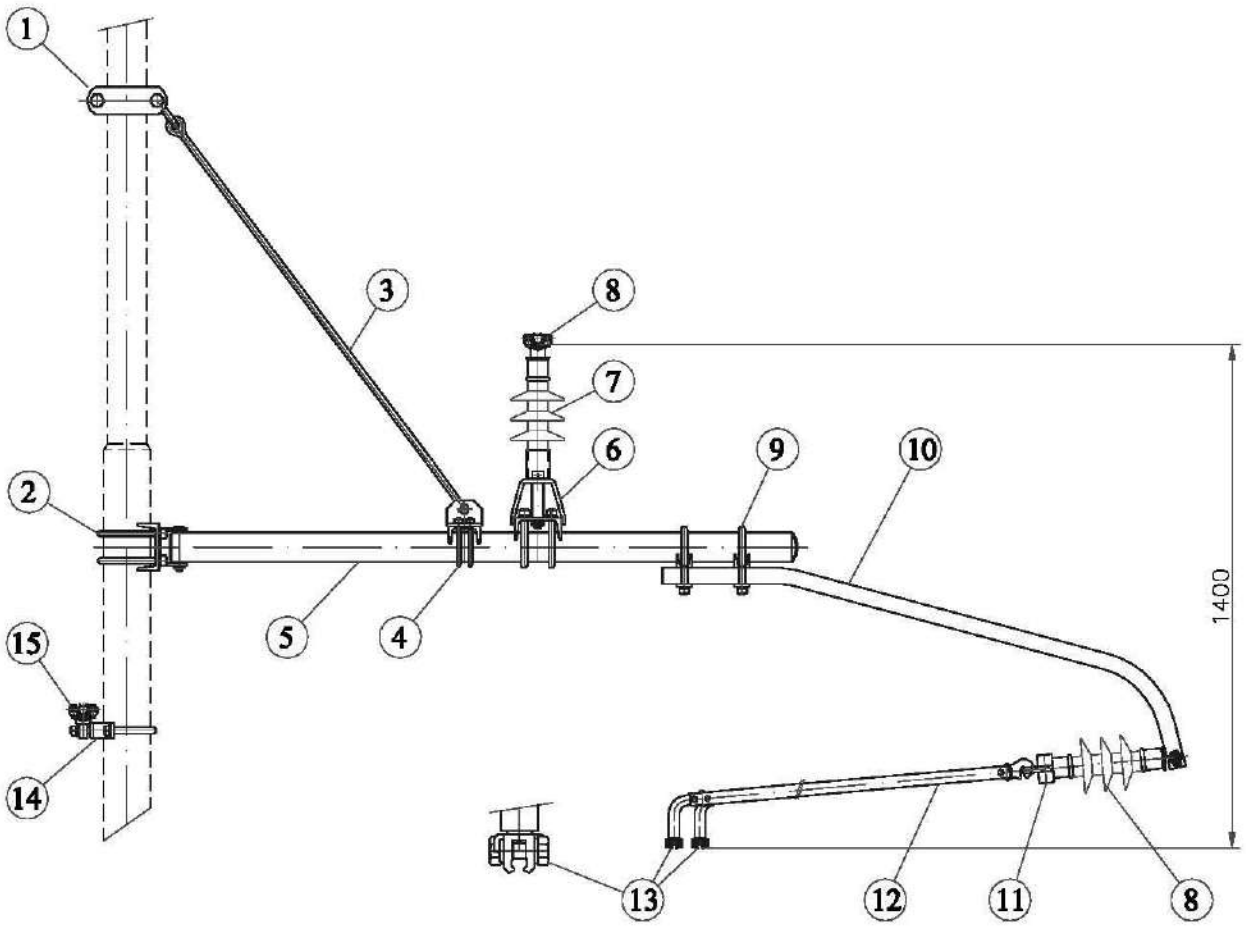
65.003.004



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	2	Zatega kosnika / Bracket stay rod	65.31.700
4	2	Zatezač / Turnbuckle	25.37.011
5	2	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.600
7	2	Nosač izolatora /Insulator support	65.31.400
8	6	Silikonski izolator / Silicon insulator	
9	2	Stezaljka / Clamp	65.32.300
10	8	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	4	Nosač izolatora / Insulator support	65.31.500
12	4	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	8	Poligonator / Steady arm	65.31.100
14	8	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA VJEŠANJE JEDNOG KONTAKTNOG VODIČA PREKO JEDNOG KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR ONE C.W. OVER ONE TRACK

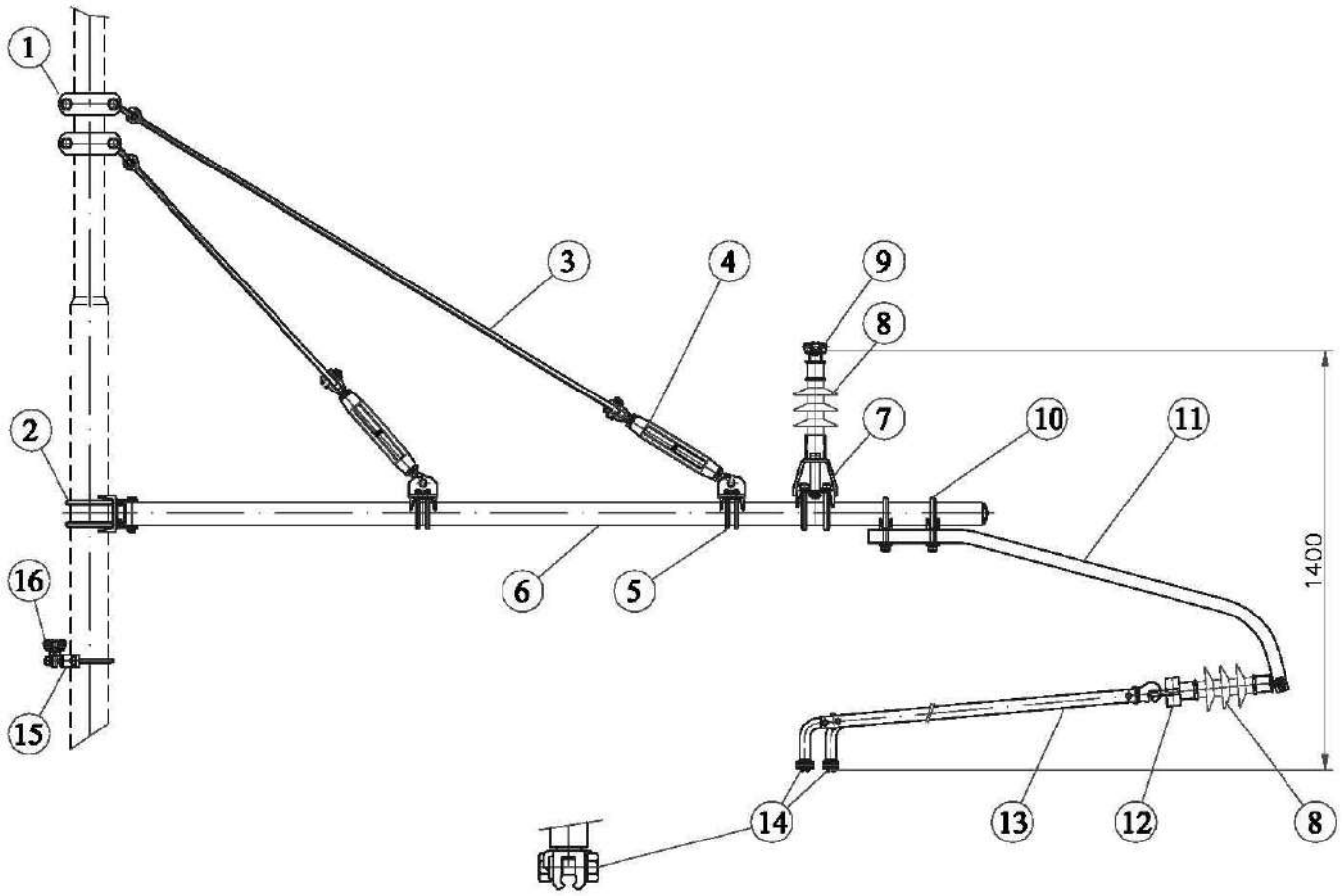
65.003.005



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	1	Zatega kosnika / Bracket stay rod	65.31.700
4	1	Pričvrsnik zatege / Stay rod fastener	65.110.300
5	1	Kosnik / Bracket	65.31.650
6	1	Nosač izolatora /Insulator support	65.31.400
7	2	Silikonski izolator / Silicon insulator	
8	1	Stezaljka / Clamp	65.32.300
9	2	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
10	1	Nosač izolatora / Insulator support	65.31.500
11	1	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
12	2	Poligonator / Steady arm	65.31.100
13	2	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
14	1	Nosač stezaljke / Support	65.110.500
15	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA VJEŠANJE JEDNOG KONTAKTNOG VODIČA PREKO DVA KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR ONE C.W. OVER TWO TRACK

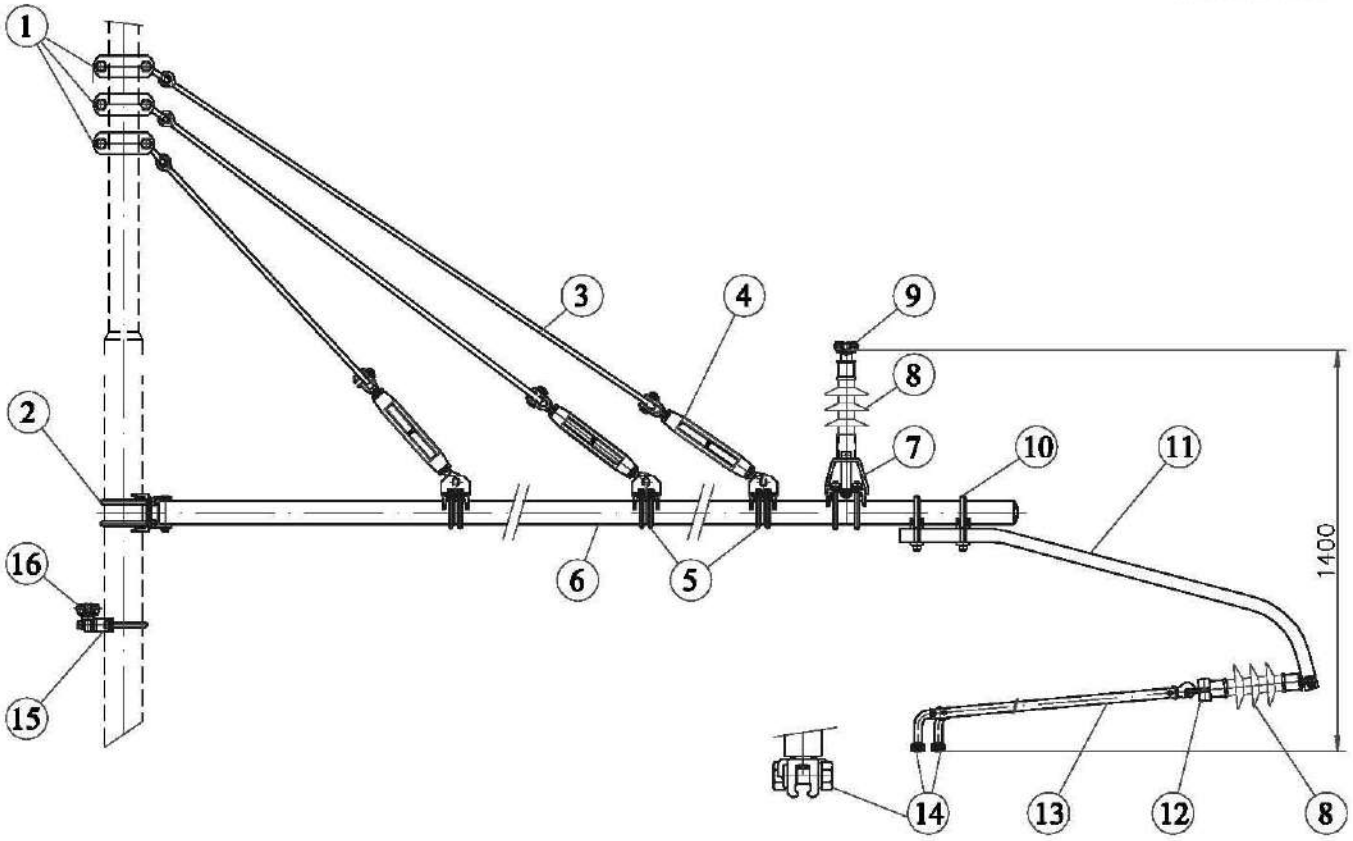
65.003.006



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	2	Zatega kosnika / Bracket stay rod	65.31.700
4	2	Zatezač / Turnbuckle	25.37.011
5	2	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.650
7	1	Nosač izolatora /Insulator support	65.31.400
8	2	Silikonski izolator / Silicon insulator	
9	1	Stezaljka / Clamp	65.32.300
10	1	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	1	Nosač izolatora / Insulator support	65.31.500
12	1	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	2	Poligonator / Steady arm	65.31.100
14	2	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA VJEŠANJE JEDNOG KONTAKTNOG VODIČA PREKO TRI KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR ONE C.W. OVER THREE TRACK

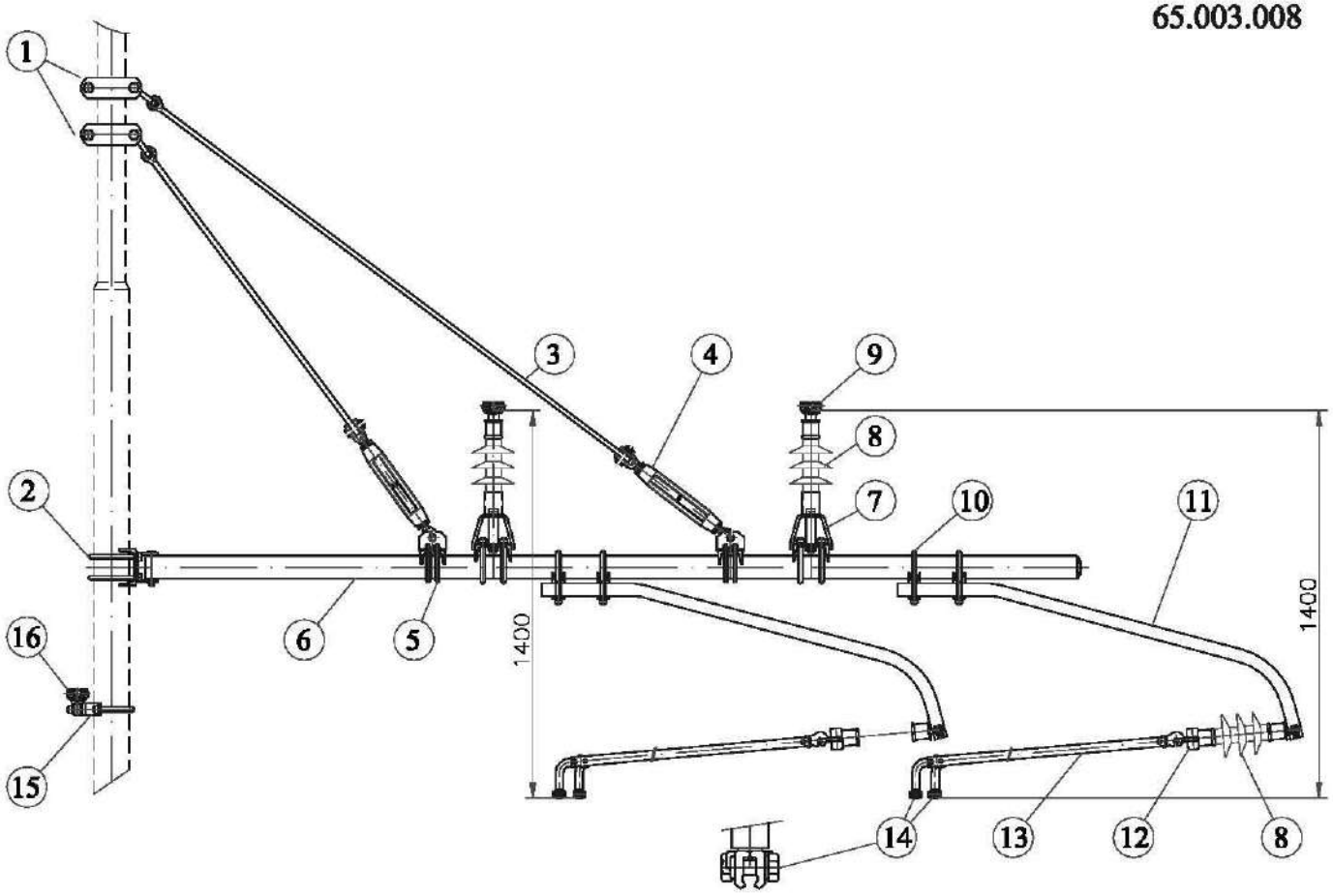
65.003.007



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	3	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	3	Zatega kosnika / Bracket stay rod	65.31.700
4	3	Zatezač / Turnbuckle	25.37.011
5	3	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.650
7	1	Nosač izolatora /Insulator support	65.31.400
8	2	Silikonski izolator / Silicon insulator	
9	1	Stezaljka / Clamp	65.32.300
10	2	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	1	Nosač izolatora / Insulator support	65.31.500
12	1	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	2	Poligonator / Steady arm	65.31.100
14	2	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA VJEŠANJE DVA KONTAKTNA VODIČA PREKO DVA KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR TWO C.W. OVER TWO TRACKS

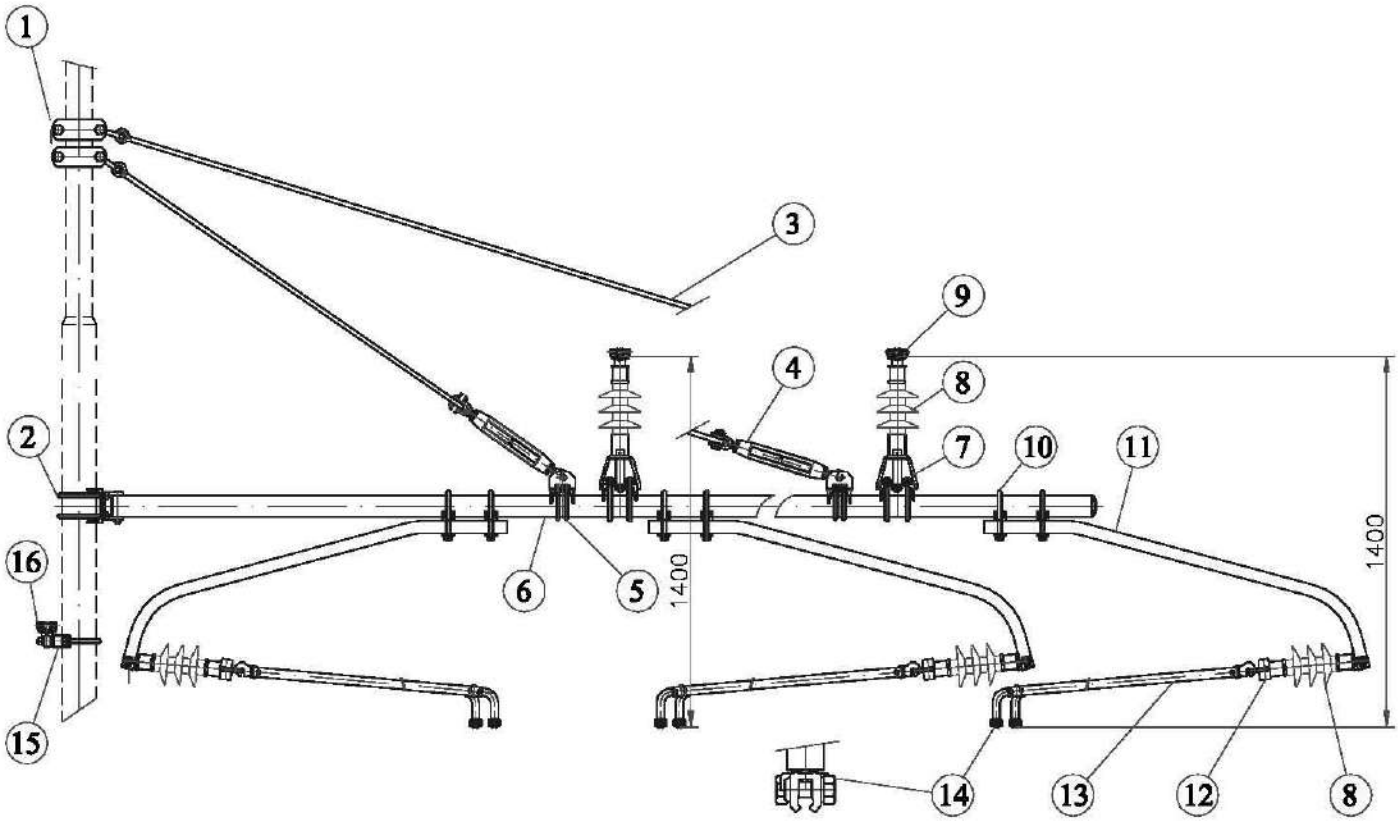
65.003.008



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	2	Zatega kosnika / Bracket stay rod	65.31.700
4	2	Zatezač / Turnbuckle	25.37.011
5	2	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.650
7	2	Nosač izolatora /Insulator support	65.31.400
8	4	Silikonski izolator / Silicon insulator	
9	2	Stezaljka / Clamp	65.32.300
10	4	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	2	Nosač izolatora / Insulator support	65.31.500
12	2	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	4	Poligonator / Steady arm	65.31.100
14	4	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA VJEŠANJE TRI KONTAKTNA VODIČA PREKO DVA KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR THREE C.W. OVER TWO TRACKS

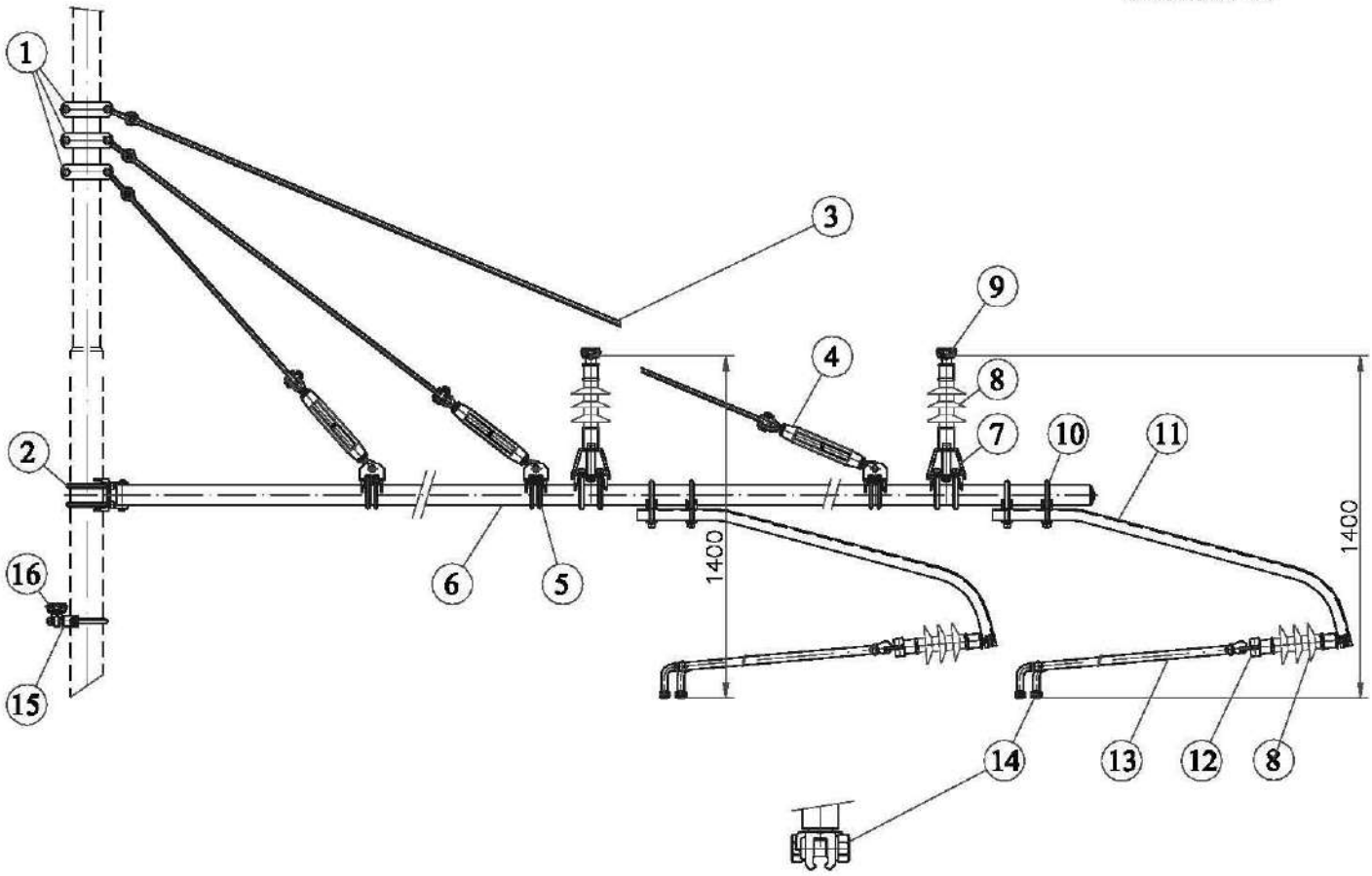
65.003.009



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.no.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	2	Zatega kosnika / Bracket stay rod	65.31.700
4	2	Zatezač / Turnbuckle	25.37.011
5	2	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.650
7	2	Nosač izolatora /Insulator support	65.31.400
8	5	Silikonski izolator / Silicon insulator	
9	2	Stezaljka / Clamp	65.32.300
10	6	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	3	Nosač izolatora / Insulator support	65.31.500
12	3	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	6	Poligonator / Steady arm	65.31.100
14	6	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

KONZOLA ZA DVA KONTAKTNA VODIČA PREKO TRI KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR TWO C.W. OVER THREE TRACKS

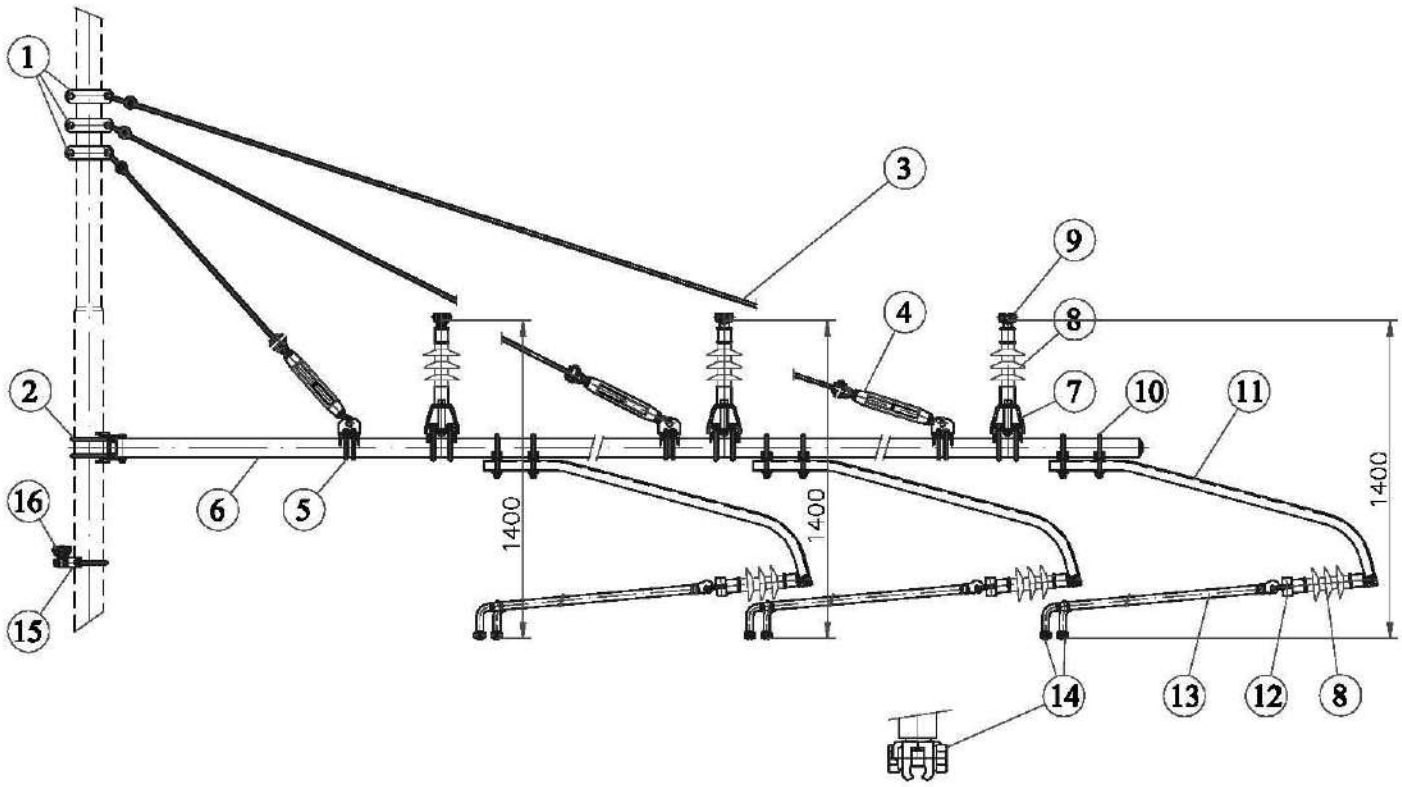
65.003.010



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	3	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	3	Zatega kosnika / Bracket stay rod	65.31.700
4	3	Zatezač / Turnbuckle	25.37.011
5	3	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.650
7	2	Nosač izolatora /Insulator support	65.31.400
8	4	Silikonski izolator / Silicon insulator	
9	2	Stezaljka / Clamp	65.32.300
10	4	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	2	Nosač izolatora / Insulator support	65.31.500
12	2	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	4	Poligonator / Steady arm	65.31.100
14	4	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

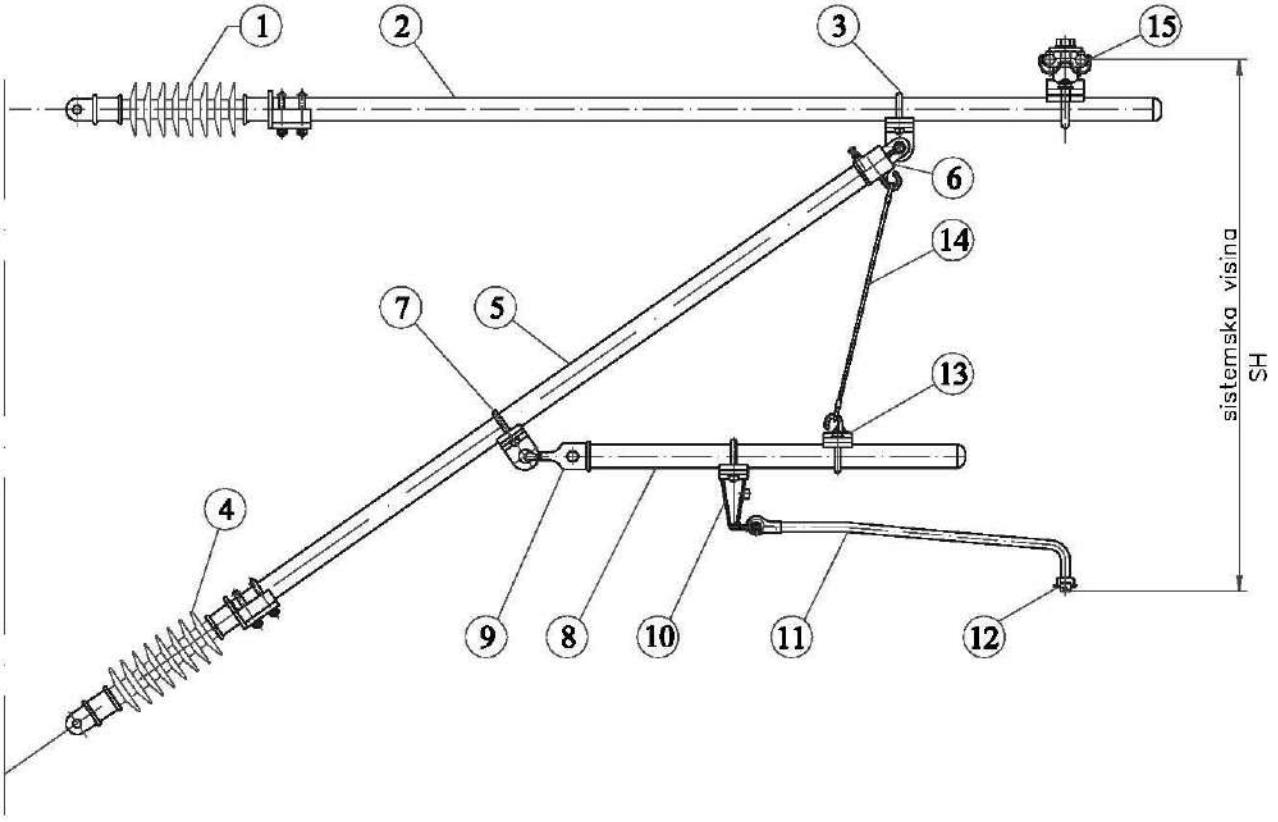
KONZOLA ZA TRI KONTAKTNA VODIČA PREKO TRI KOLOSJEKA
CATENERY SYSTEM SUPPORT THICK WALL FOR THREE C.W. OVER THREE TRACKS

65.003.011



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	3	Obujmica / Pipe clip	65.100.100
2	1	Pričvrsnik kosnika / Bracket fastener	65.110.100
3	3	Zatega kosnika / Bracket stay rod	65.31.700
4	3	Zatezač / Turnbuckle	25.37.011
5	3	Pričvrsnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	65.31.650
7	3	Nosač izolatora /Insulator support	65.31.400
8	6	Silikonski izolator / Silicon insulator	
9	3	Stezaljka / Clamp	65.32.300
10	6	Pričvrsnik nosača izolatora / Insulator support fastener	65.110.200
11	3	Nosač izolatora / Insulator support	65.31.500
12	3	Nosač za dva poligonatora / Two steady arm fastener	65.31.300
13	6	Poligonator / Steady arm	65.31.100
14	6	Stezaljka kontaktnog vodiča / Contact wire swivel clip	64.257.500P
15	1	Nosač stezaljke / Support	65.110.500
16	1	Stezaljka / Clamp	65.32.100

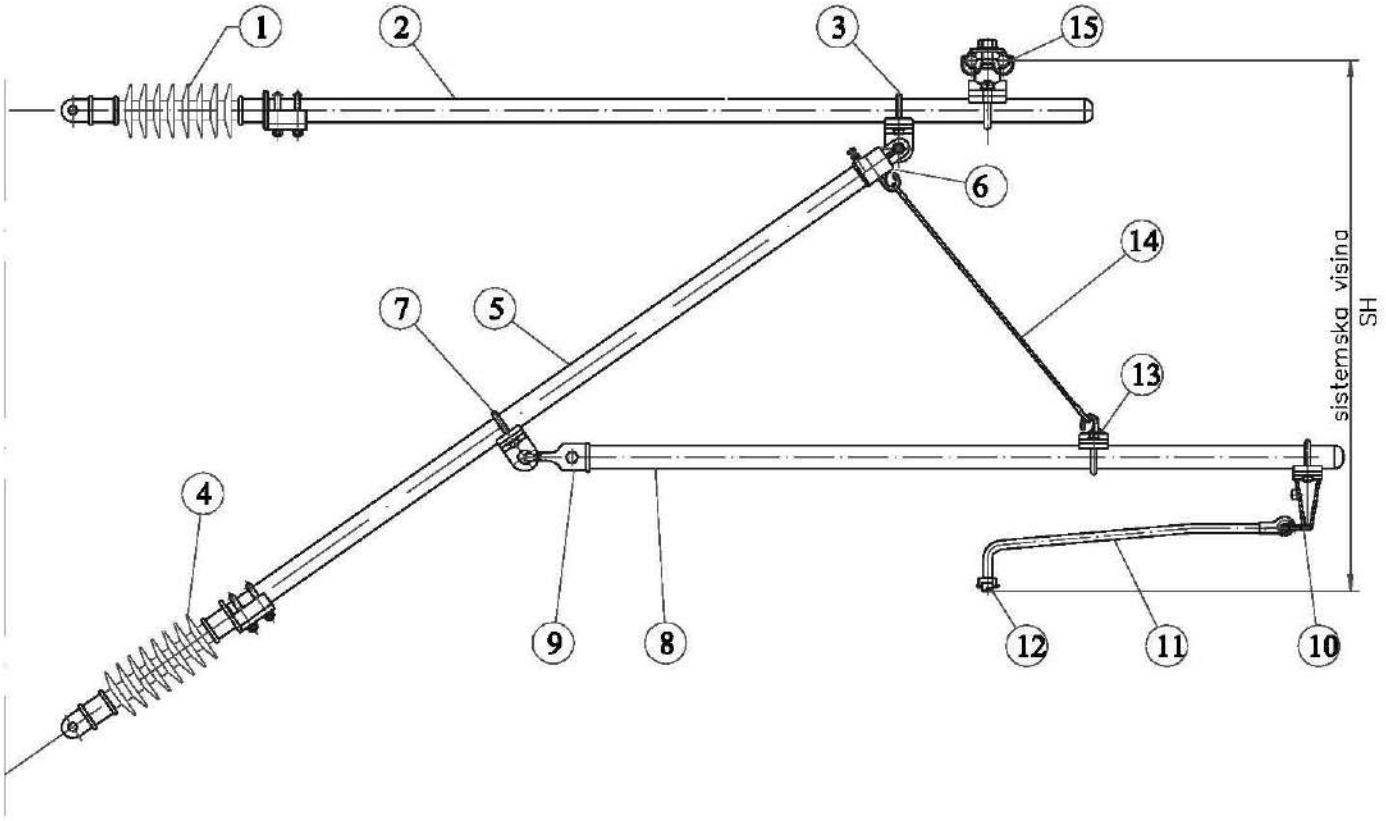
ALUMINIJSKA KONZOLA TIP 01
TENSION ALUMINIUM CANTILEVER ASSEMBLY 64.002.001A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Držač poligonatora Ø55 / Drop bracket for tube Ø55	65.19.500
11	1	Poligonator / Steady arm rod	65.31.100
12	2	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stezaljka za NU / Catenary clamp	65.26.700

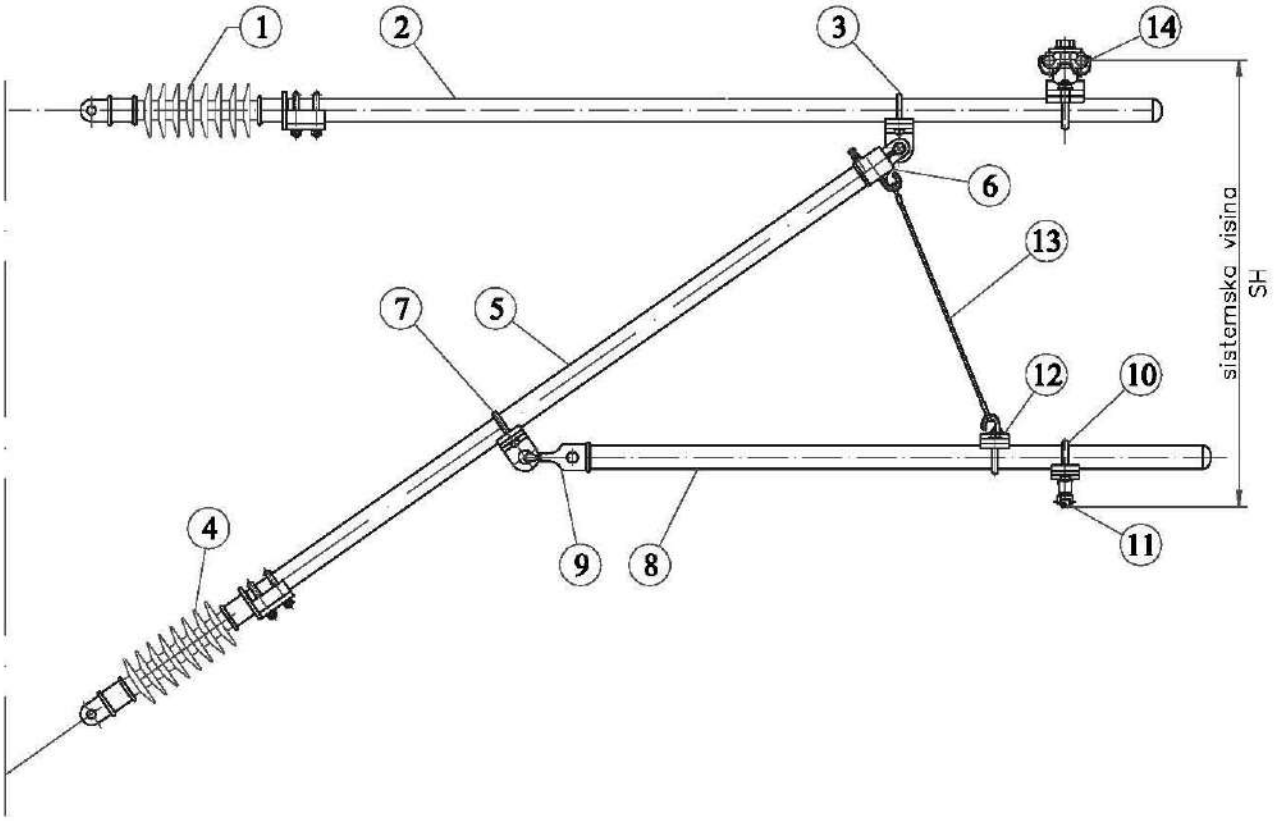
ALUMINIJSKA KONZOLA TIP 02

COMPRESSION ALUMINIUM CANTILEVER ASSEMBLY 64.002.002A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Držač poligonatora Ø55 / Drop bracket for tube Ø55	65.19.500
11	1	Poligonator / Steady arm rod	65.31.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stezaljka za NU / Catenary clamp	65.26.700

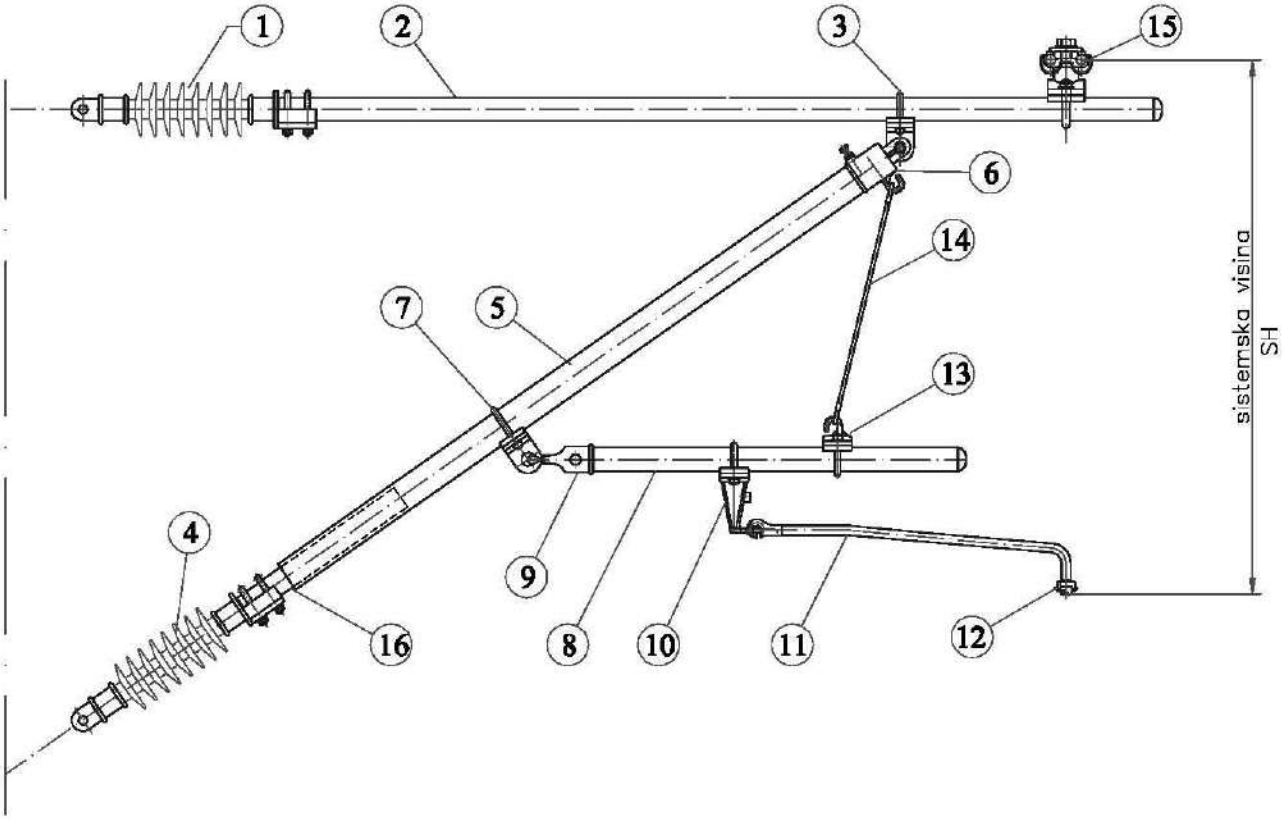
ALUMINIJSKA KONZOLA NEAKTIVNOG VODA TIP 03
ALUMINIUM CANTILEVER ASSEMBLY FOR NONACTIV LINE TYPE 03 64.002.005A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	2	Nosač stezaljke neaktivnog KP / Clamp support for nonactiv C.W.	65.19.100
11	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
9	1	Stezaljka s kukom / Wire hook clamp	65.32.300
10	2	Uže vješaljke / Dropper wire	
11	1	Stezaljka za NU / Catenary clamp	65.26.700

ALUMINIJSKA KONZOLA TIP 01
TENSION ALUMINIUM CANTILEVER ASSEMBLY

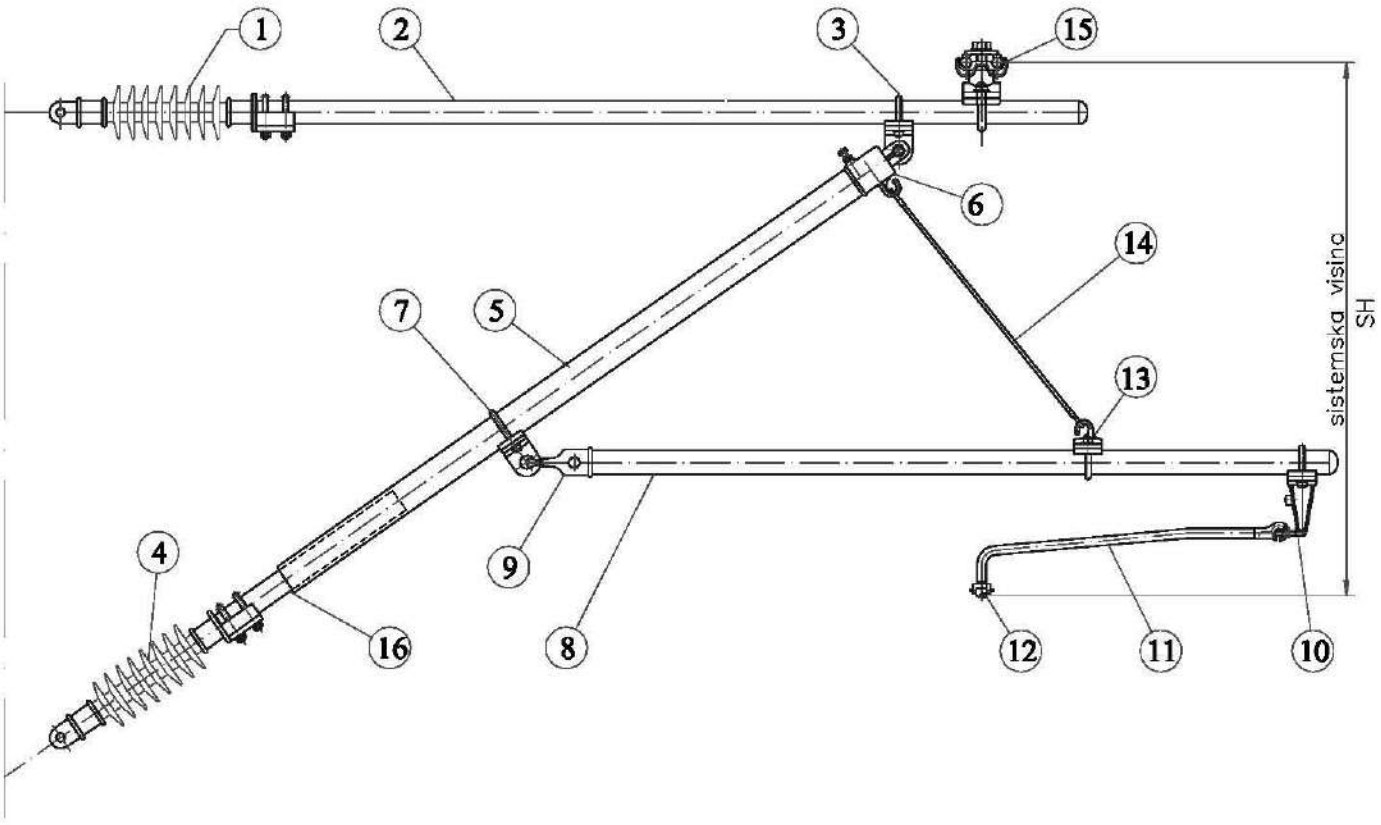
64.002.003A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø70x6 / Strut tube Ø70x6	65.10.200
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Držač poligonatora Ø55 / Drop bracket for tube Ø55	65.19.500
11	1	Poligonator / Steady arm rod	65.31.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stezaljka za NU / Catenary clamp	65.26.700
16	1	Adapter za cijev Ø70 / Adapter for Ø70 tube	65.26.800

ALUMINIJSKA KONZOLA TIP 02
COMPRESSION ALUMINIUM CANTILEVER ASSEMBLY

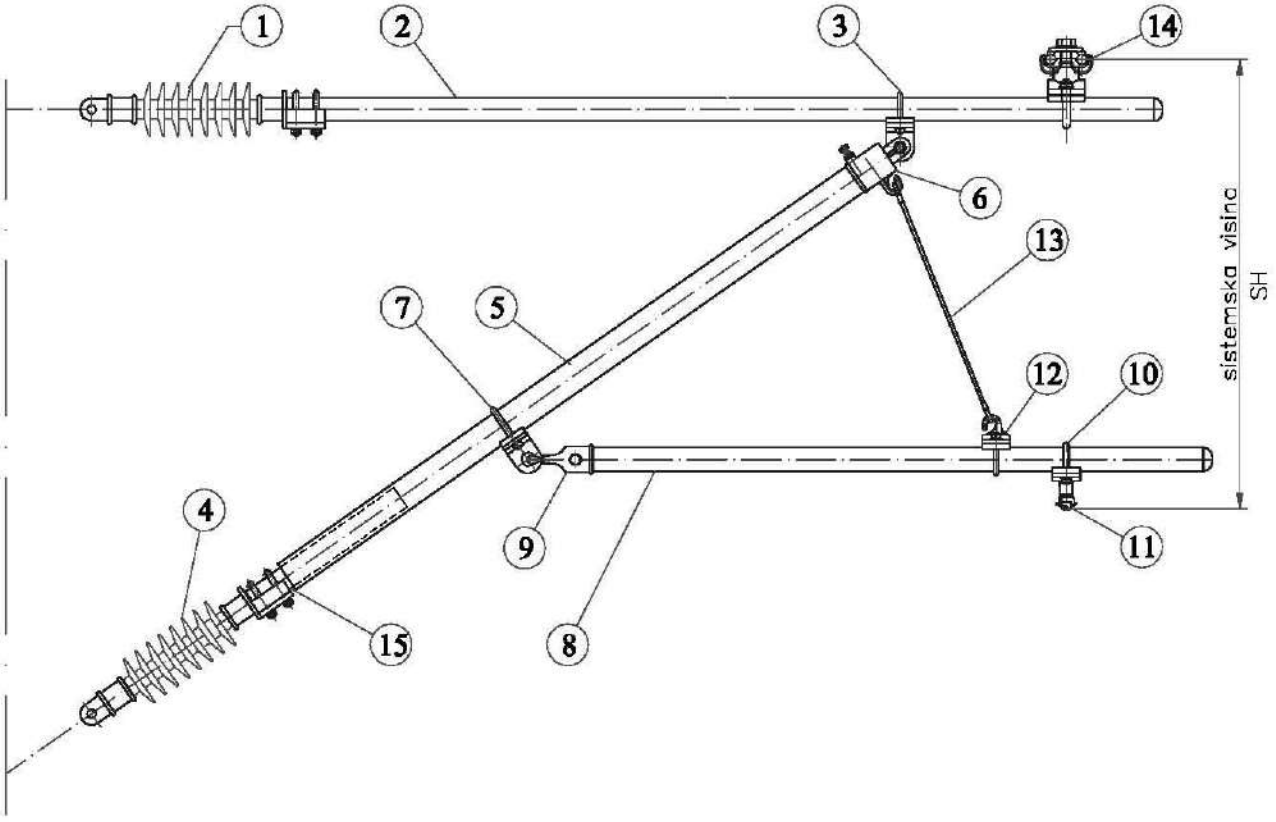
64.002.003A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø70x6 / Strut tube Ø70x6	65.10.200
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Držač poligonatora Ø55 / Drop bracket for tube Ø55	65.19.500
11	1	Poligonator / Steady arm rod	65.31.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stezaljka za NU / Catenary clamp	65.26.700
16	1	Adapter za cijev Ø70 / Adapter for Ø70 tube	65.26.800

ALUMINIJSKA KONZOLA NEAKTIVNOG VODA TIP 03
ALUMINIUM CANTILEVER ASSEMBLY FOR NONACTIV LINE TYPE 03

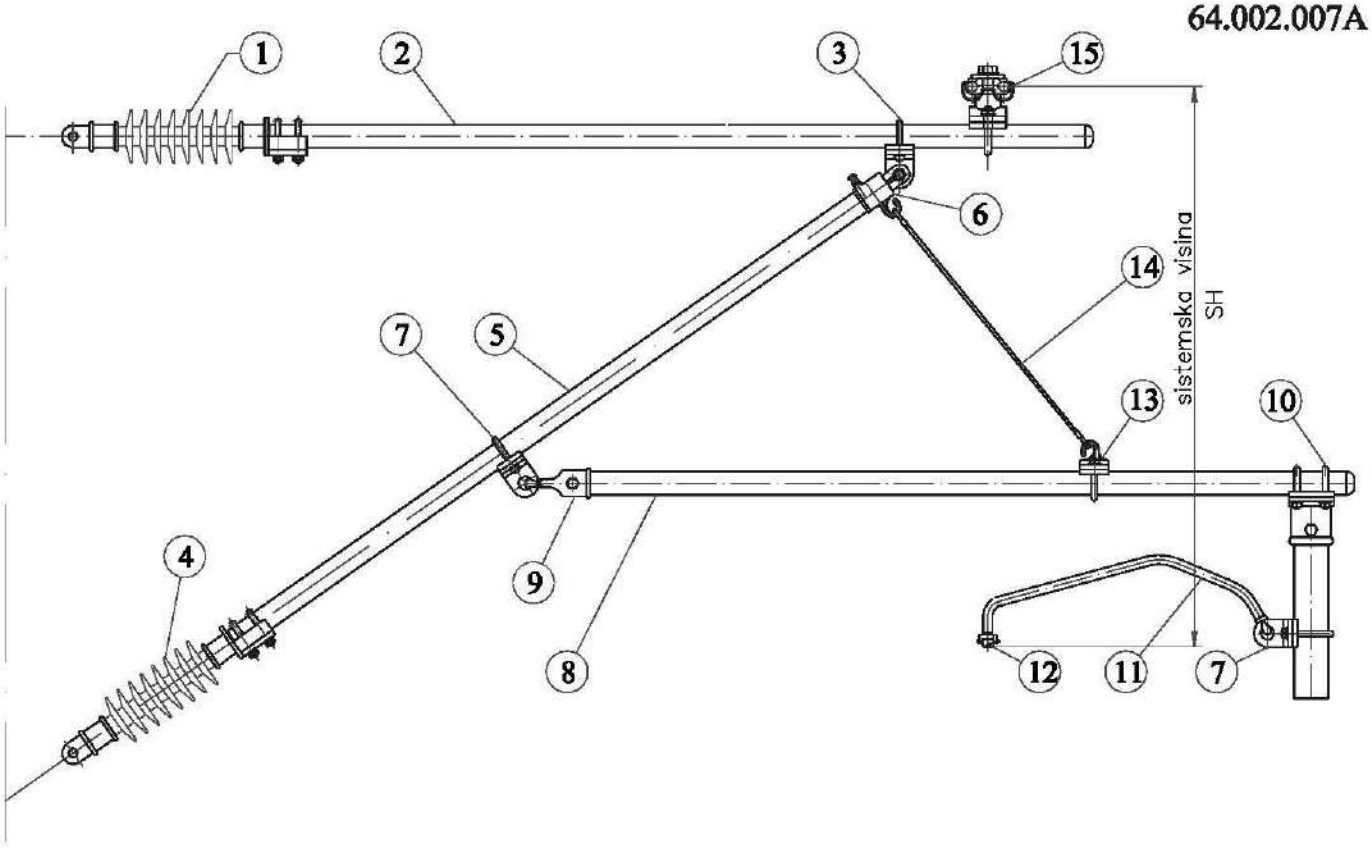
64.002.006A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø70x6 / Strut tube Ø70x6	65.10.200
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Nosač stezaljke neaktivnog KP / Clamp support for nonactiv C.W.	65.19.100
11	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
12	1	Stezaljka s kukom / Wire hook clamp	65.32.300
13	1	Uže vješaljke / Dropper wire	
14	1	Stezaljka za NU / Catenary clamp	65.26.700
15	1	Adapter za cijev Ø70 / Adapter for Ø70 tube	65.26.800

ALUMINIJSKA KONZOLA SA ZAKRIVLJENIM POLIGONATOROM TIP 02
COMPRESSION ALUMINIUM CANTILEVER ASSEMBLY WITH CURVED STEADY ARM

64.002.007A

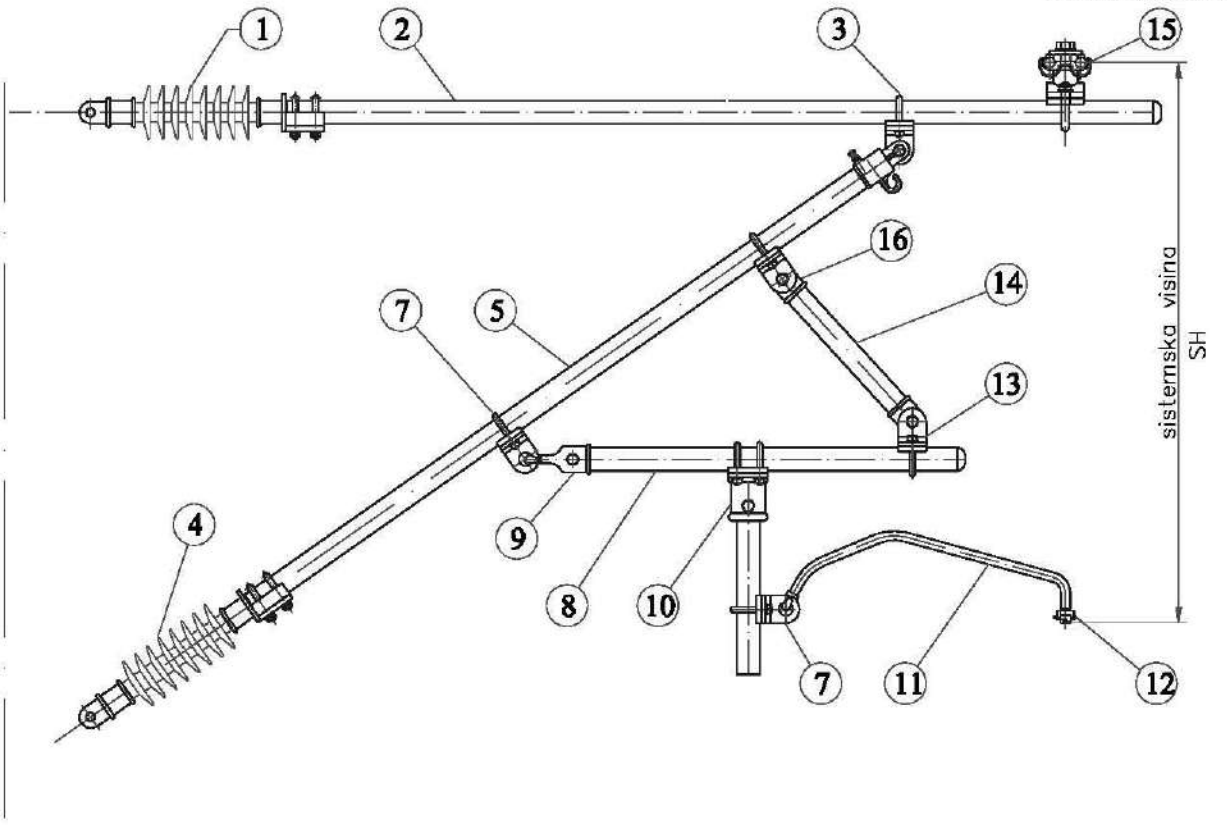


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	1	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	2	Držač zakrivljenog poligonatora / Drop tube holders for curved steady arm	65.20.100
11	1	Zakrivljeni poligonator / Curved steady arm rod	65.31.150
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stezaljka za NU / Catenary clamp	65.26.700

ALUMINIJSKA KONZOLA SA ZAKRIVLJENIM POLIGONATOROM TIP 01

TENSION ALUMINIUM CANTILEVER ASSEMBLY WITH CURVED STEADY ARM

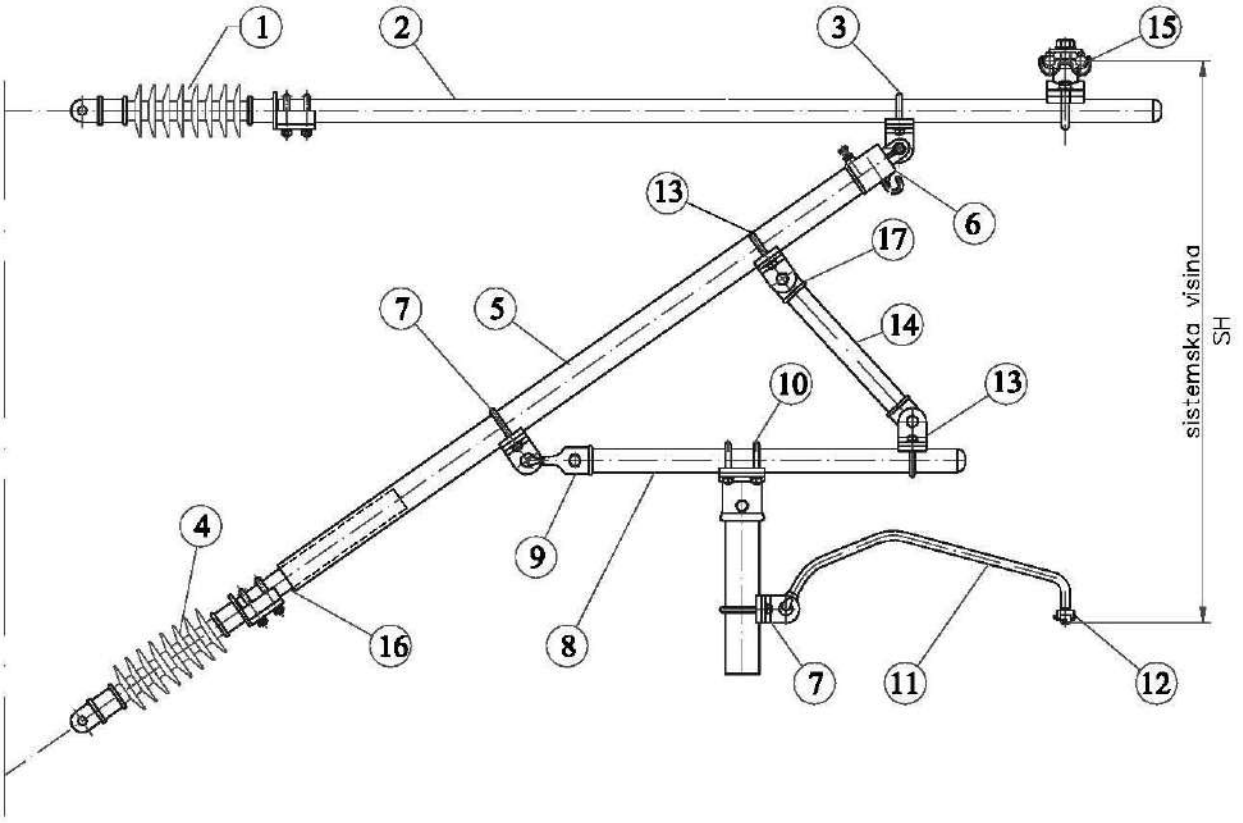
64.002.008A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	2	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	2	Držač zakrivljenog poligonatora / Drop tube holders for curved steady arm	65.20.100
11	2	Zakrivljeni poligonator / Curved steady arm rod	65.31.150
12	2	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	2	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Cijev Ø42 / Tube Ø42	65.10.300
15	2	Stezaljka za NU / Catenary clamp	65.26.700
16	2	Očka za cijev / Eye end fitting	65.18.100

ALUMINIJSKA KONZOLA SA ZAKRIVLJENIM POLIGONATOROM TIP 01
TENSION ALUMINIUM CANTILEVER ASSEMBLY WITH CURVED STEADY ARM

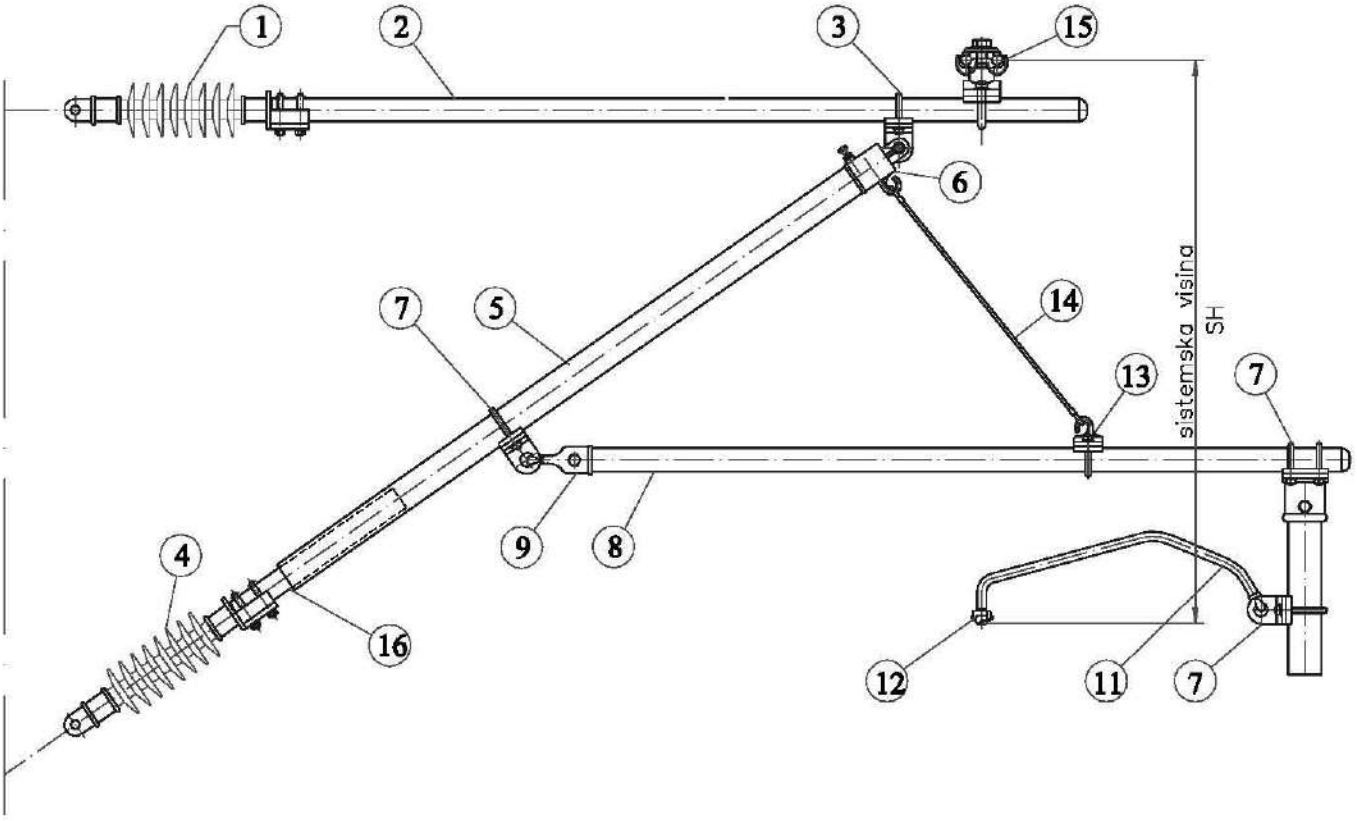
64.002.009A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø70x6 / Strut tube Ø70x6	65.10.200
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	2	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Držač zakrivljenog poligonatora / Drop tube holders for curved steady arm	65.19.500
11	1	Zakrivljeni poligonator / Curved steady arm rod	65.31.150
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s vilicom / Clevis clamp	65.20.200
14	1	Cijev Ø42 / Tube Ø42	65.10.300
15	1	Stezaljka za NU / Catenary clamp	65.26.700
16	1	Adapter za cijev Ø70 / Adapter for Ø70 tube	65.26.800
17	1	Očka za cijev / Eye end fitting	65.18.100

ALUMINIJSKA KONZOLA SA ZAKRIVLJENIM POLIGONATOROM TIP 02
COMPRESSION ALUMINIUM CANTILEVER ASSEMBLY WITH CURVED STEADY ARM

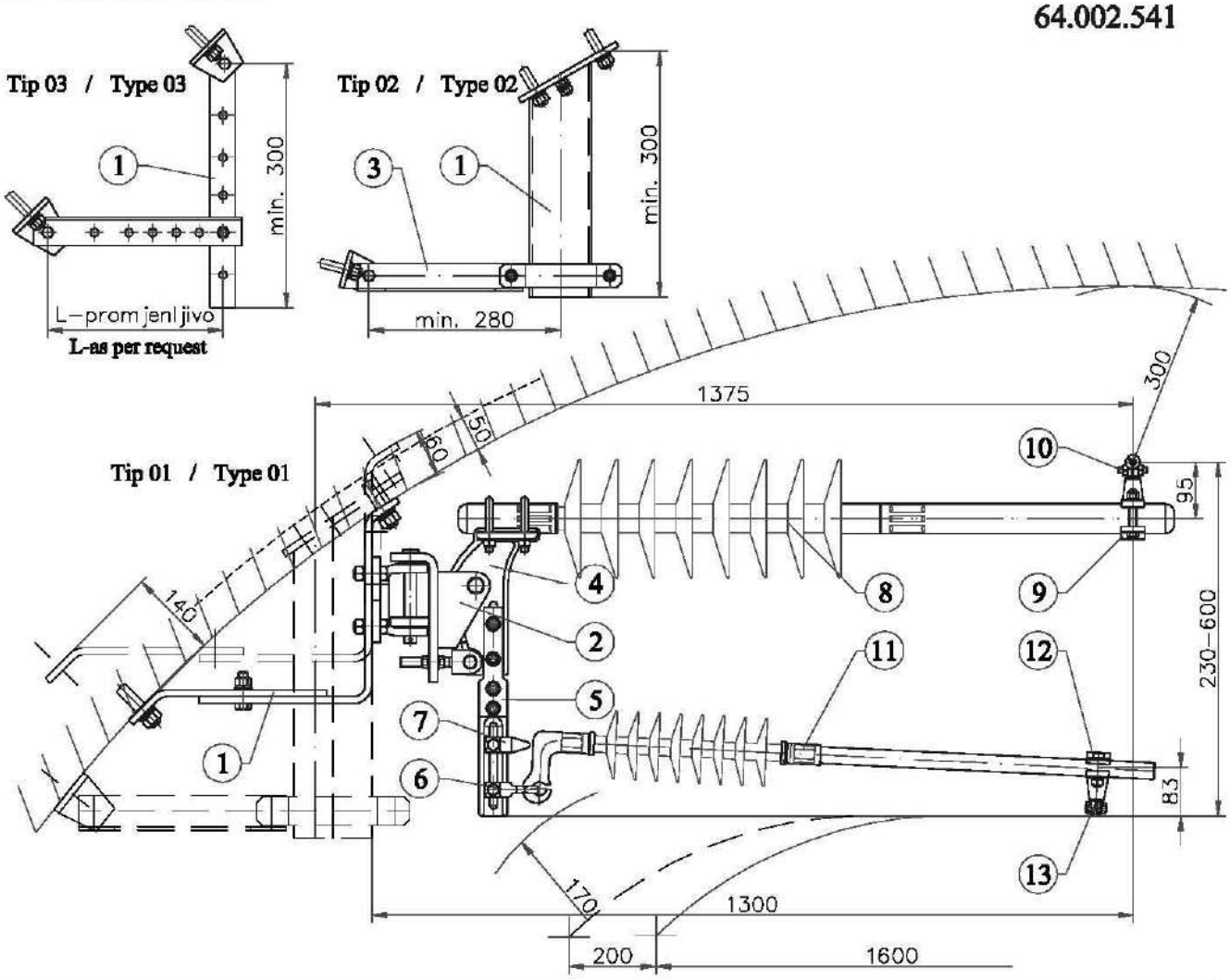
64.002.010A



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø70x6 / Strut tube Ø70x6	65.10.200
6	1	Vilica za cijev / Clevis end fitting	65.19.850
7	2	Stezaljka s očkom / Eye clamp for registration tube	65.19.200
8	1	Nosač poligonatora Ø55x6 / Register arm tube Ø55x6	65.31.650
9	1	Kuka za cijev / Hook end fitting	65.19.900
10	1	Držač zakrivljenog poligonatora / Drop tube holders for curved steady arm	65.19.500
11	1	Zakrivljeni poligonator / Curved steady arm rod	65.31.150
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stezaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stezaljka za NU / Catenary clamp	65.26.700
16	1	Adapter za cijev Ø70 / Adapter for Ø70 tube	65.26.800

PRIČVRŠĆENJE TUNELSKE KONZOLE ZA SVOD TUNELA NORMALNOG PROFILA ZA SISTEMSKE VISINE OD 230 DO 600 MM
TUNEL CANTILEVER

64.002.541

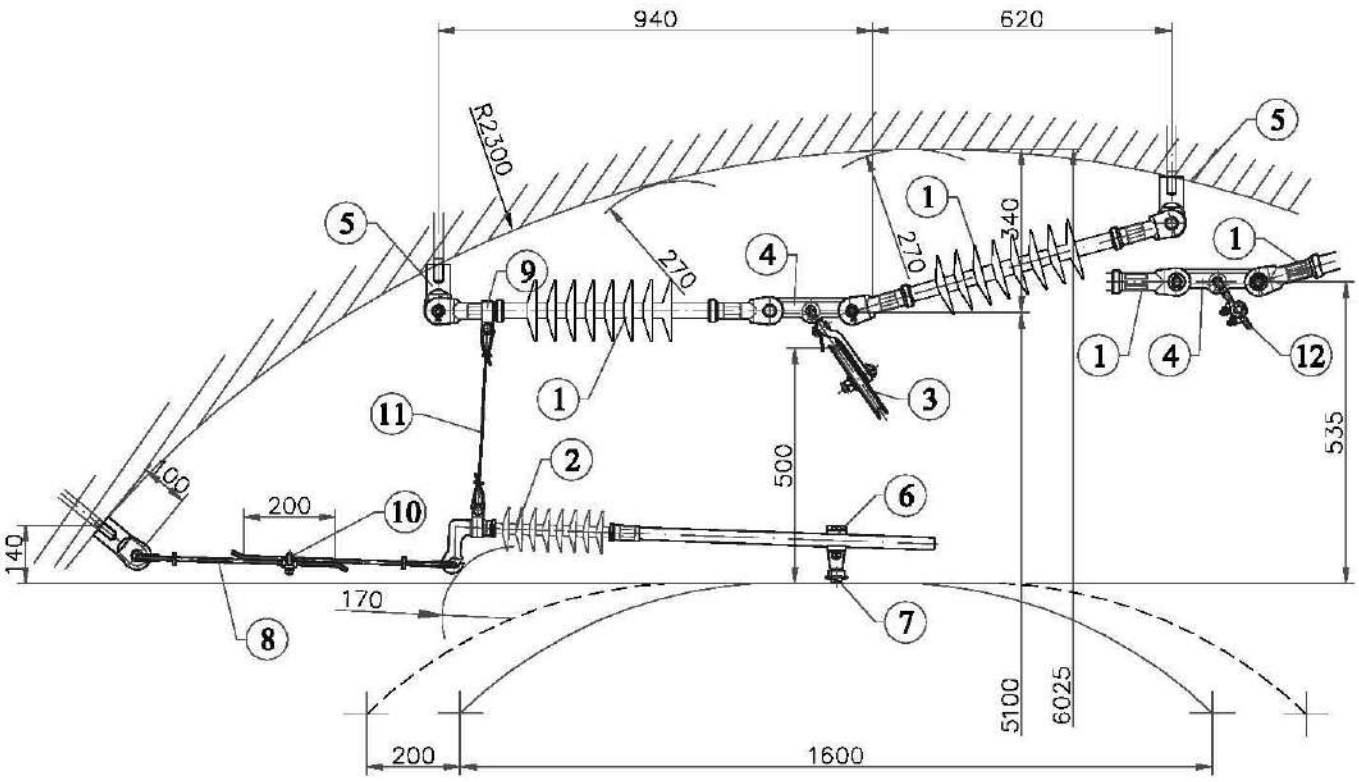


Poz Item	Kom/Pcs Tip/Type 01	02	03	Naziv sklopa Description	Kat.br. Cat.No.
	1	0	0	Pločasti nosač/Plate support	64.164.300
1	0	1	0	Profilni nosač U12 s potporom/Profile support	64.164.200
	0	0	1	Cijevni nosač/Tubular support	64.164.100
	1	0	0	Zglobni pričvrsnik za plosni nosač/Joint fastener	64.165.100
2	0	1	0	Zglobni pričvrsnik za profil U12/Joint fastener	64.165.000
	0	0	1	Zglobni pričvrsnik za cijevni nosač/Joint fastener for tubular support	64.164.500
3	0	0	1	Potpora cijevnog nosača/Strut of tubular support	64.164.400
4	1	1	1	Nosač izolatorske konzole/Insulator support	64.164.600
5	1	1	1	Produžni držač poligonatora/Steady arm support	64.164.700
6	1	1	1	Prsten poligonatora / Ring of steady arm fastener	64.164.800
7	1	1	1	Graničnik poligonatora / Steady arm limitor	64.164.900
8	1	1	0	Izolatorska konzola / Insulator cantilever	64.257.000
9	1	1	0	Nosač stezaljke / Clamp support for contact wire	64.257.100
10	1	1	0	Okretna stezaljka za nosivo uže / Catenary cable swivel clip for contact wire	64.257.200
11	1	0	0	Izolatorski poligonator / Insulated steady arm	64.257.300
12	1	0	0	Nosač stezaljke / Clamp suport for nonactiv contact wire	64.257.400
13	1	0	0	Okretna stezaljka za kontaktni vodič / Contact wire swivel clip	64.257.500

PRIČVRŠĆENJE TUNELSKE KONZOLE ZA SVOD TUNELA NORMALNOG PROFILA S "Y" OPREMOM

TUNEL CANTILEVER "Y" TYPE

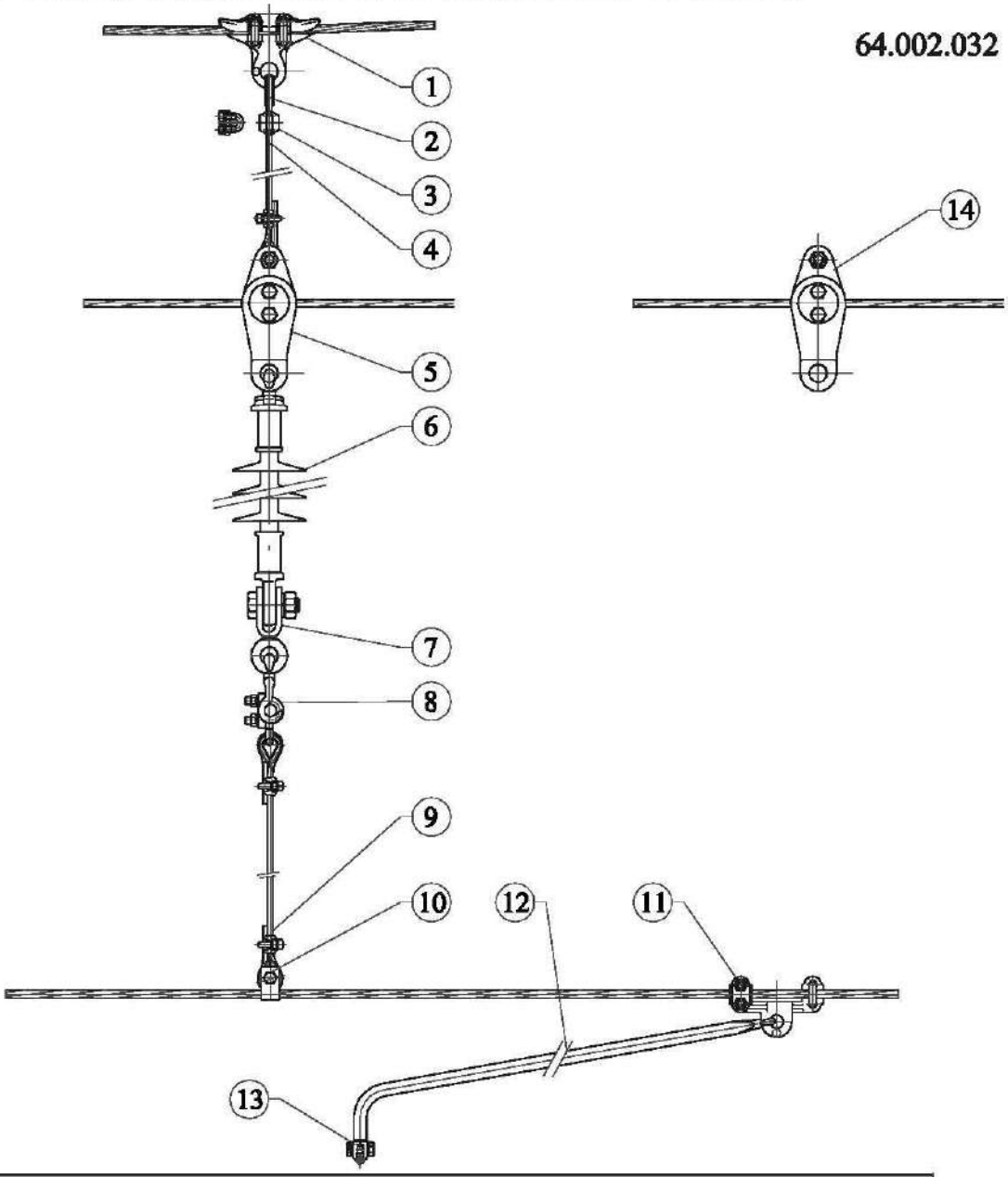
64.002.542



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No
1	2	Zatezni izolator od fiberglasa / Tension insulator	64.350.200
2	1	Izolatorski poligonator / Insulated steady arm	64.257.300
3	1	Kolotura nosivog užeta / Running block for Cantilever cable in tunels	64.257.700V
4	1	Spona izolatora / Joint of insulators	64.257.600
5	3	Držač s prstenom / Support with tonque	64.165.200B
6	1	Nosač stezaljke / Clamp support for nonactiv contact wire	64.257.400
7	1	Okretna stezaljka za kontaktni vodič / Contact wire swivel clip	64.257.500
8	2	Polovina zatege poligonatora / Tension wire	64.251.500
9	2	Stezaljka za izolator / Clamp for insulator	64.452.800D
10	1	Stezaljka s U-vijkom / U-bolt clamps for cable	64.201.700B
11	1	Vješaljka poligonatora / Steady arm hanger	64.252.300
12	1	Stezaljka sa kukom za nosivo uže / Clamp with hook for catenary cable	64.250.500

OPREMA ZA VJEŠANJE NEKOMPEZIRANE KM NA GIPKOM PORTALU
EQUIPMENT FOR HANGING CONTAKT NETWORK ON FLEXIBLE PORTALS

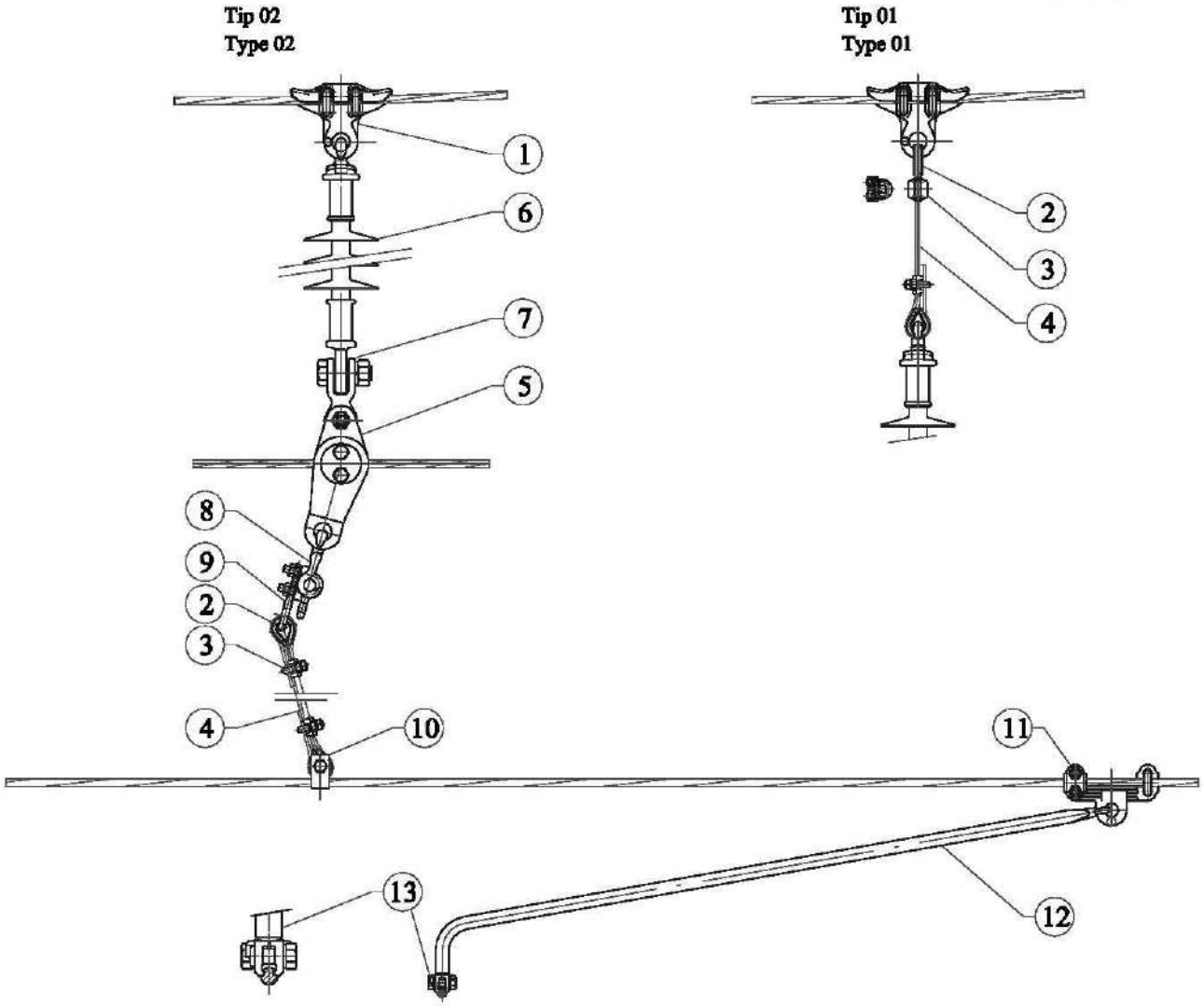
64.002.032



Poz. Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	4	Umetak omče 7 / Thimble 7	64.203.100P
3	4	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
4	1	Uže vješaljke Cu 16 / Dropper rope Cu 16	
5	1	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	1	Izolator zatege / Suspension insulator	
7	1	Vilica s prstenom / Clevis with ring	43.64.204
8	1	Stezaljka s kukom / Clamp with hook	64.250.500
9	1	Uže vješaljke Cu 16 / Dropper rope Cu 16	
10	1	Stezaljka donjeg užeta / Clamp for botom wire	64.500.460
11	1	Držač poligonatora na GP / Stedy arm fastener	64.203.600
12	1	Poligonator za GP / Stedy arm	64.203.700
13	1	Stezaljka KP za poligonator / Swivel clip	64.257.500P
14	1	Klizna stezaljka za dvostruko uže / Sliding clamp for double rope	64.203.800V

OPREMA ZA VJEŠANJE NEKOMPENZIRANE KM NA GIPKOM PORTALU U ZAVOJU
EQUIPMENT FOR HANGING CONTAKT NETWORK ON FLEXIBLE PORTALS

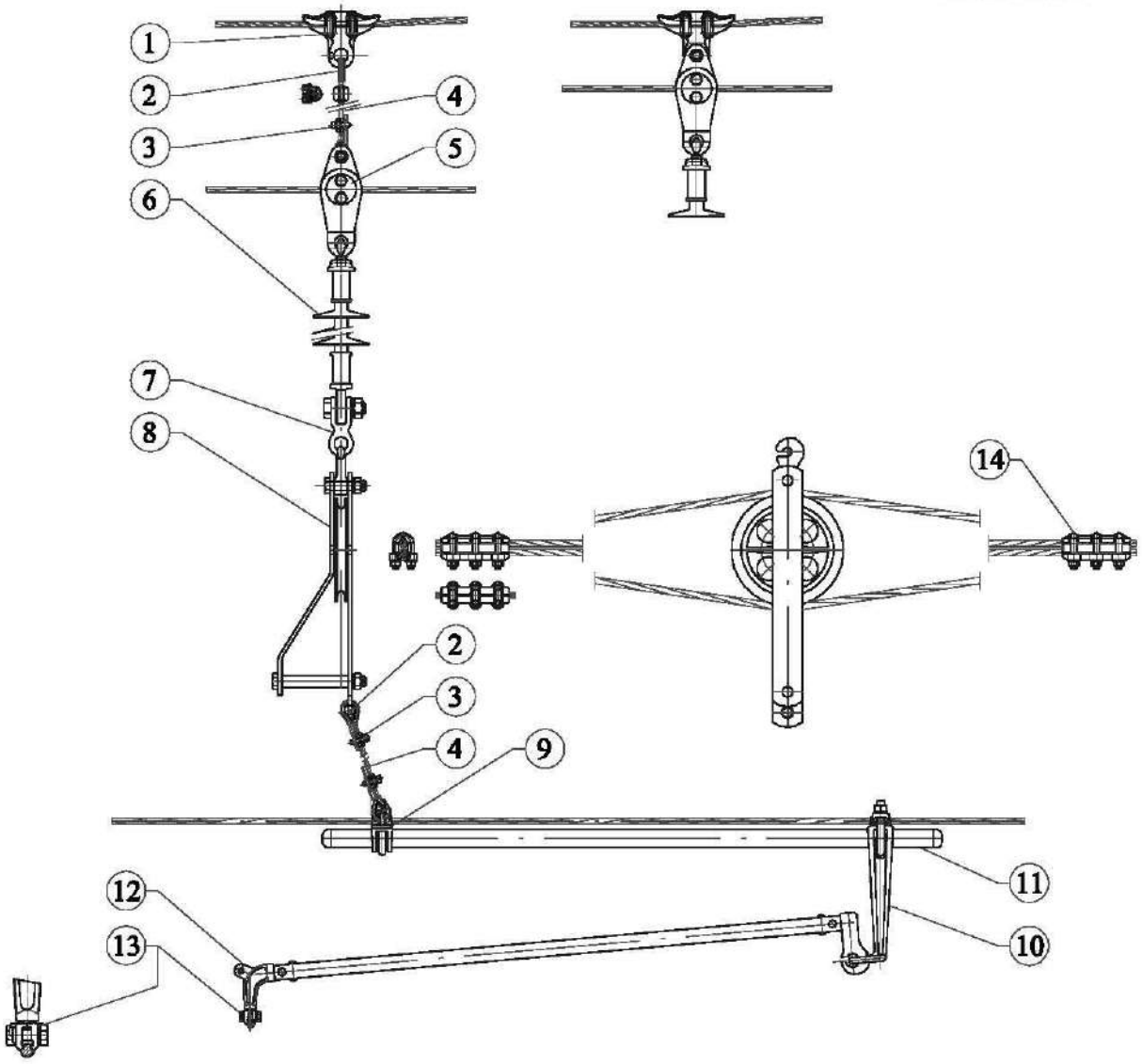
64.002.033



Poz Item	Kom Pcs 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	4	2	Umetak omče 7 / Thimble 7	64.203.100P
3	4	2	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
4	2	1	Uže vješaljke Cu 16 / Dropper rope Cu 16	
5	1	1	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	1	1	Izolator zatege / Suspension insulator	
7	1	1	Vilica s prstenom / Clevis with ring	43.64.204
8	1	1	Stezaljka s kukom / Clamp with hook	64.250.500
9	1	1	Spojna pločica s prstenom / Connecting plate	64.203.400B
10	1	1	Stezaljka donjeg užeta / Clamp for botom wire	64.500.460
11	1	1	Držač poligonatora na GP / Stedy arm fastener	64.203.600
12	1	1	Poligonator za GP / Stedy arm	64.203.700
13	1	1	Stezaljka KP za poligonator / Swivel clip	64.257.500P

OPREMA ZA VJEŠANJE NEKOMPENZIRANE KM NA GIPKOM PORTALU U PRAVCU
EQUIPMENT FOR HANGING CONTAKT NETWORK ON FLEXIBLE PORTALS

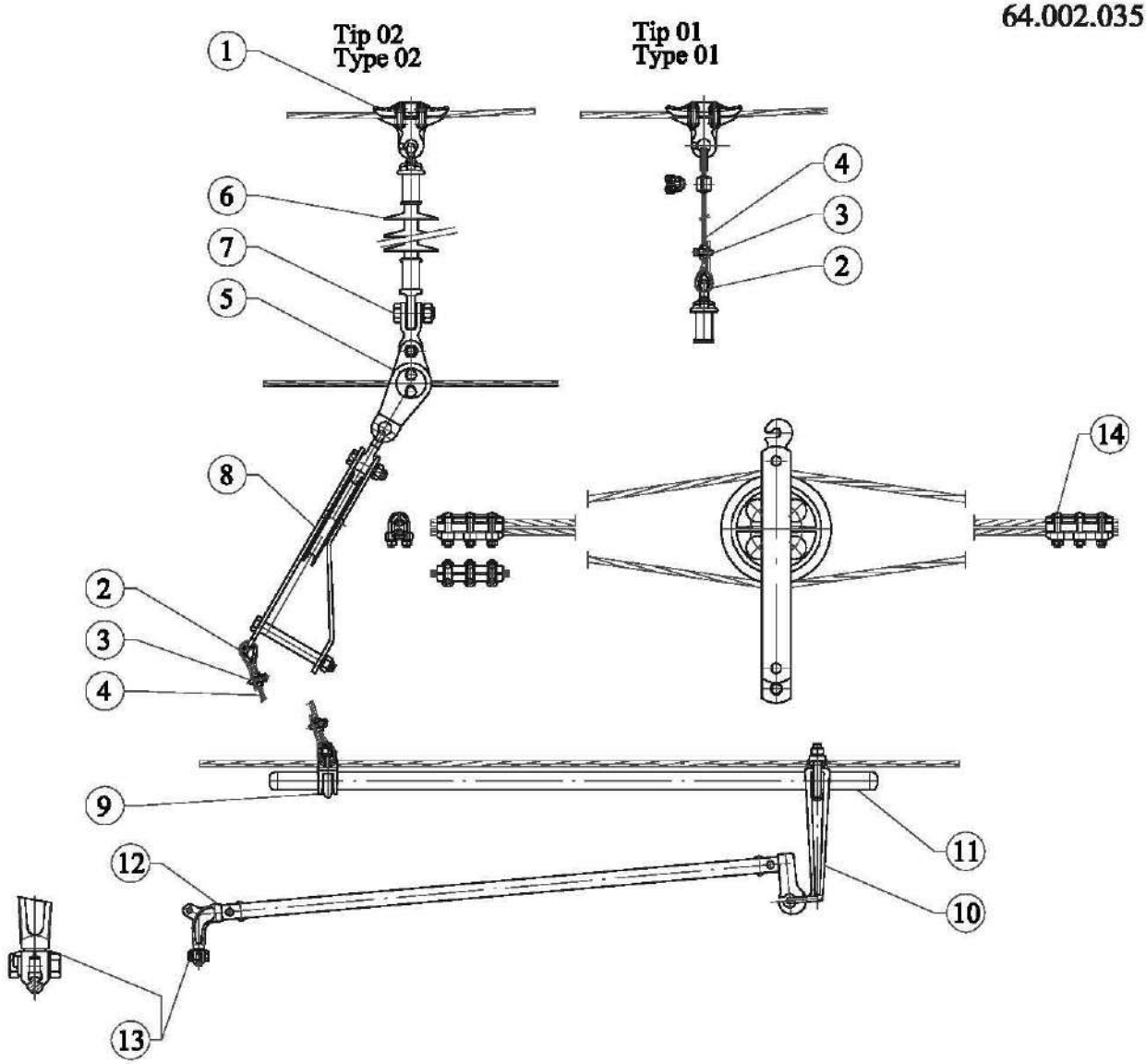
Tip 01 / Type 01 Tip 02 / Type 02 64.002.034



Poz Item	Kom Pcs 01	02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	4	2	Umetak omče 7 / Thimble 7	64.203.100P
3	4	2	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
4	2	1	Uže vješaljke Cu 16 / Dropper rope Cu 16	
5	1	1	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	1	1	Izolator zatege / Suspension insulator	
7	1	1	Vilica s prstenom / Clevis with ring	43.64.204
8	1	1	Kotur nosivog užeta / Catenarry pully	64.204.000P
9	1	1	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
10	1	1	Držač poligonatora na GP / Stedy arm fastener	43.64.177
11	1	1	Nosač poligonatora na GP / Stedy arm support	64.204.300B
12	1	1	Poligonator za GP / Stedy arm	64.205.700
13	1	1	Stezaljka KP za poligonator / Swivel clip	64.257.500P
14	2	2	Stezaljka pomoćnog NU / Clamp of accessory	65.24.500

OPREMA ZA VJEŠANJE NEKOMPENZIRANE KM NA GIPKOM PORTALU U ZAVOJU
EQUIPMENT FOR HANGING CONTAKT NETWORK ON FLEXIBLE PORTALS

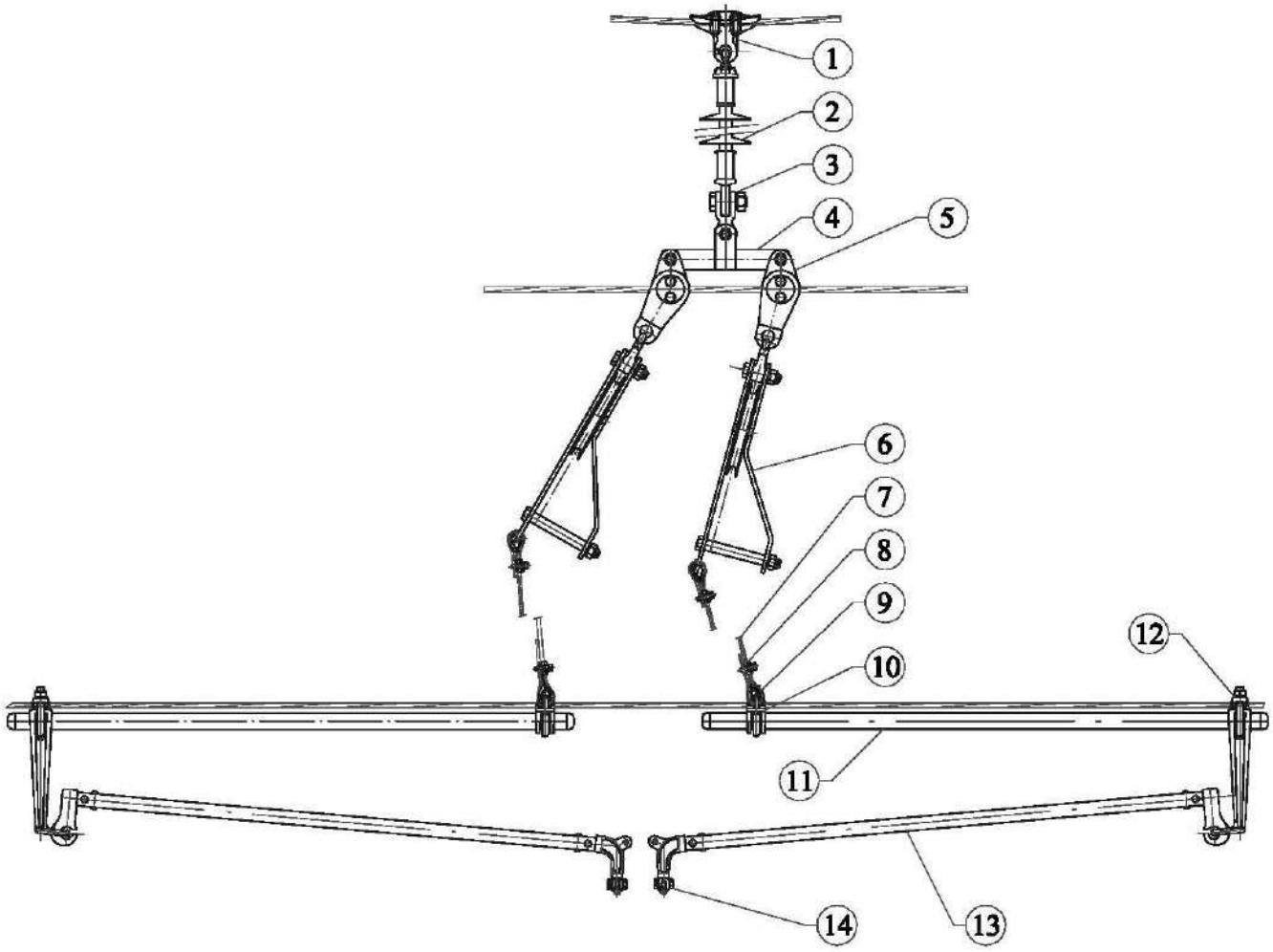
64.002.035



Poz Item	Kom Pcs 02 01	Naziv sklopa Description	Kat.br. Cat.No.
1	1 1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	2 4	Umetak omče 7 / Thimble 7	64.203.100P
3	2 4	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
4	1 2	Uže vješaljke Cu 16 / Dropper rope Cu 16	
5	1 1	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	1 1	Izolator zatege / Suspension insulator	
7	1 1	Vilica s prstenom / Clevis with ring	43.64.204
8	1 1	Kolotura nosivog užeta / Catenarry pully	64.204.000P
9	1 1	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
10	1 1	Držač poligonatora na GP / Stedy arm fastener	43.64.177
11	1 1	Nosač poligonatora na GP / Stedy arm support	64.204.300B
12	1 1	Poligonator za GP / Stedy arm	64.205.700
13	1 1	Stezaljka KP za poligonator / Swivel clip	64.257.500P
14	2 2	Stezaljka pomoćnog NU / Clamp of accessory	65.24.500

VJEŠANJE DVA VOZNA VODA KOD SKRETNICE NA GP, POLIGONACIJA U JEDNOM SMIJERU
HANGING TWO CONTACT WIRE BY SWICH POINT ON FLEXIBLE PORTALS

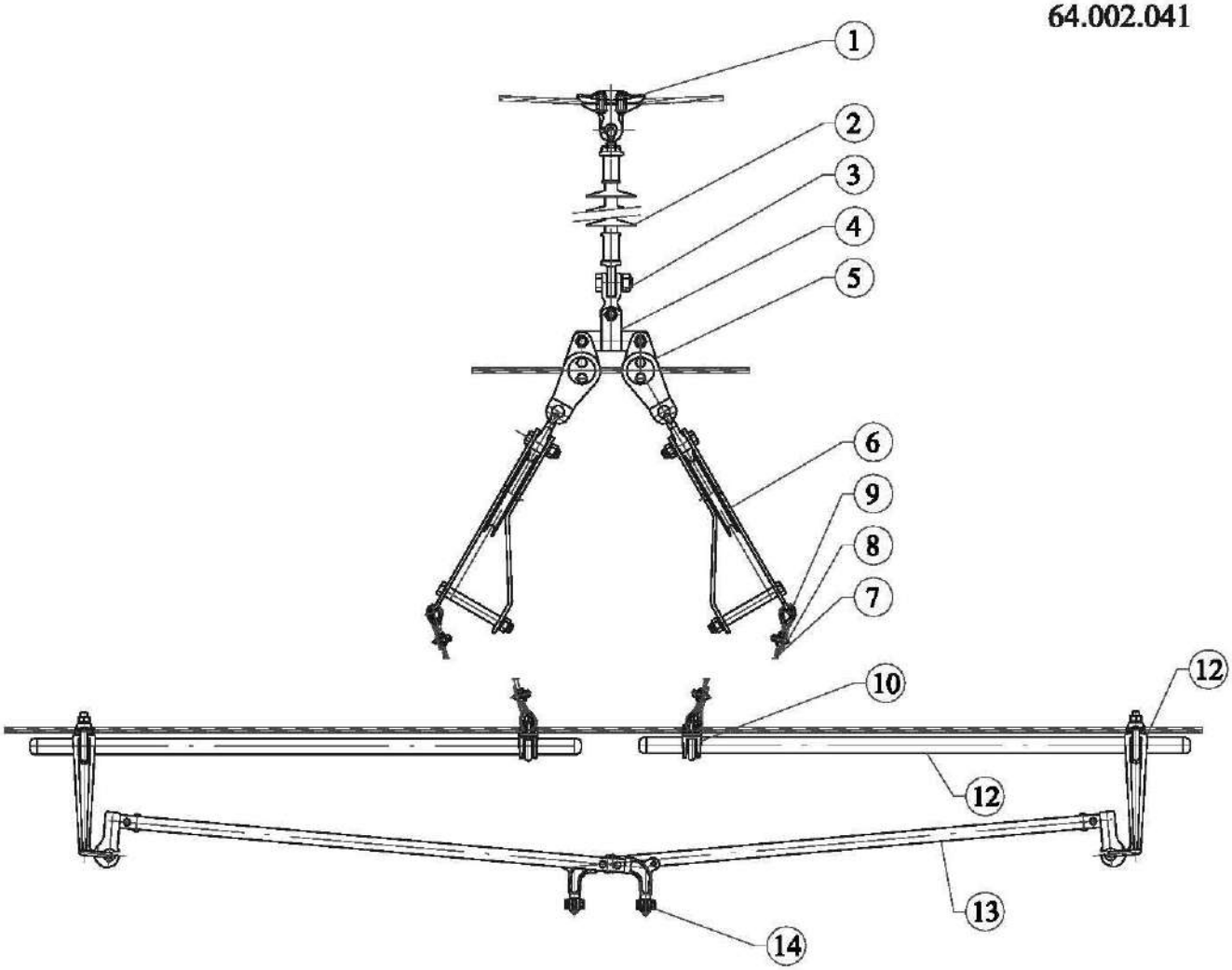
64.002.040



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	1	Izolator zatege / Suspension insulator	
3	1	Vilica s prstenom / Clevis with ring	43.64.204
4	1	Spona / Tie	64.209.900
5	2	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	2	Kotur nosivog užeta / Catenarry pully	64.204.000P
7	2	Uže vješaljke Cu 16 / Dropper rope Cu 16	
8	4	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
9	4	Umetak omče 7 / Thimble 7	64.203.100P
10	2	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
11	2	Držač poligonatora na GP / Stedy arm fastener	43.64.177
12	2	Nosač poligonatora na GP / Stedy arm support	64.204.300B
13	2	Poligonator za GP / Stedy arm	64.205.700
14	2	Stezaljka KP za poligonator / Swivel clip	64.257.500P

VJEŠANJE DVA VOZNA VODA KOD SKRETNICE NA GP, POLIGONACIJA U DVA SMIJERA
HANGING TWO CONTACT WIRE BY SWICH POINT ON FLEXIBLE PORTALS

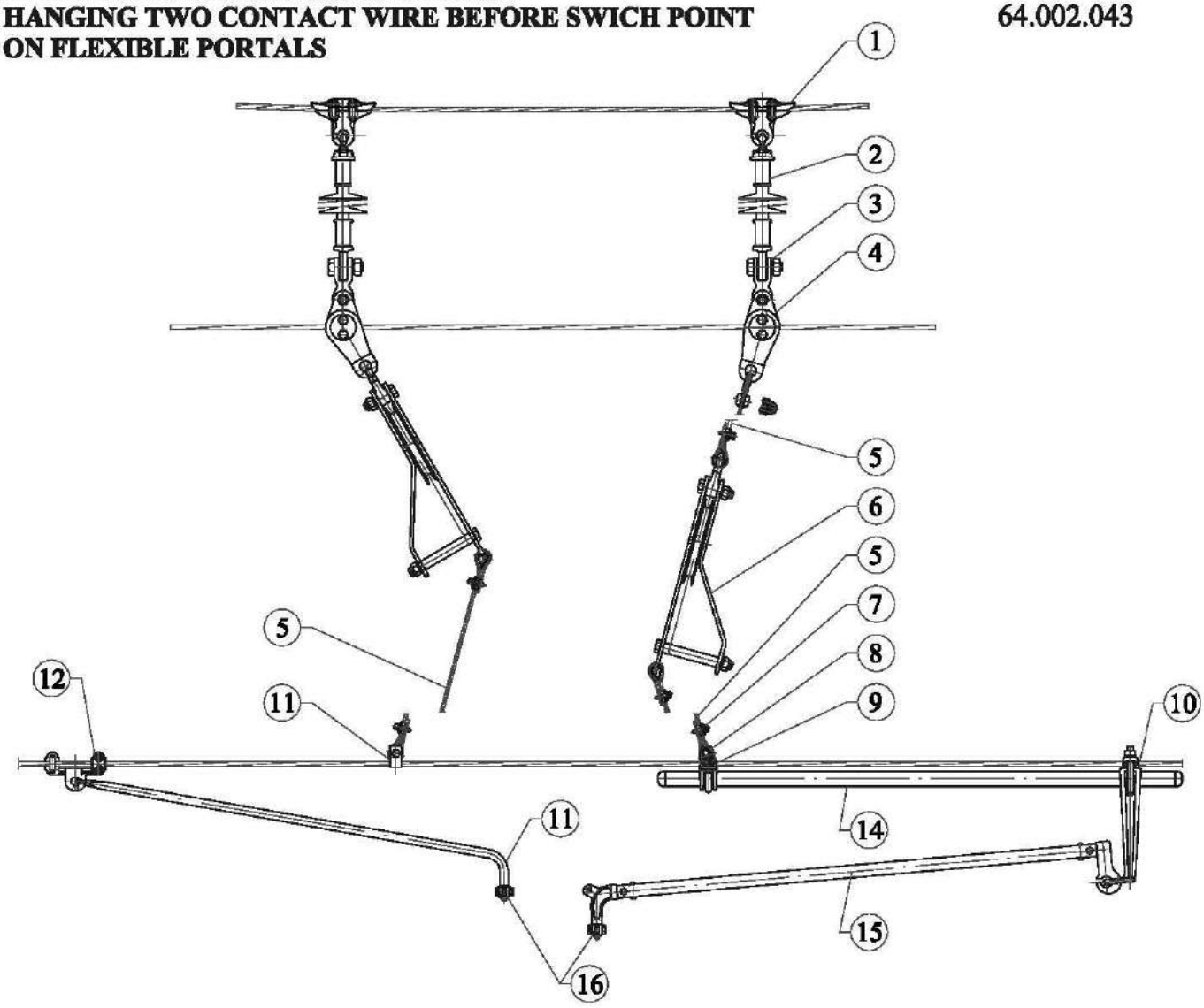
64.002.041



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	1	Izolator zatege / Suspension insulator	
3	1	Vilica s prstenom / Clevis with ring	43.64.204
4	1	Spona / Tie	64.206.800
5	2	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	2	Kotur nosivog užeta / Catenarry pully	64.204.000P
7	2	Uže vješaljke Cu 16 / Dropper rope Cu 16	
8	4	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
9	4	Umetak omče 7 / Thimble 7	64.203.100P
10	2	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
11	2	Držač poligonatora na GP / Stedy arm fastener	43.64.177
12	2	Nosač poligonatora na GP / Stedy arm support	64.204.300B
13	2	Poligonator za GP / Stedy arm	64.205.700
14	2	Stezaljka KP za poligonator / Swivel clip	64.257.500P

VJEŠANJE DVA VOZNA VODA KOD SKRETNICE NA GP, IZDIZANJE NEAKTIVNOG I KRIŽANJE
HANGING TWO CONTACT WIRE BEFORE SWICH POINT ON FLEXIBLE PORTALS

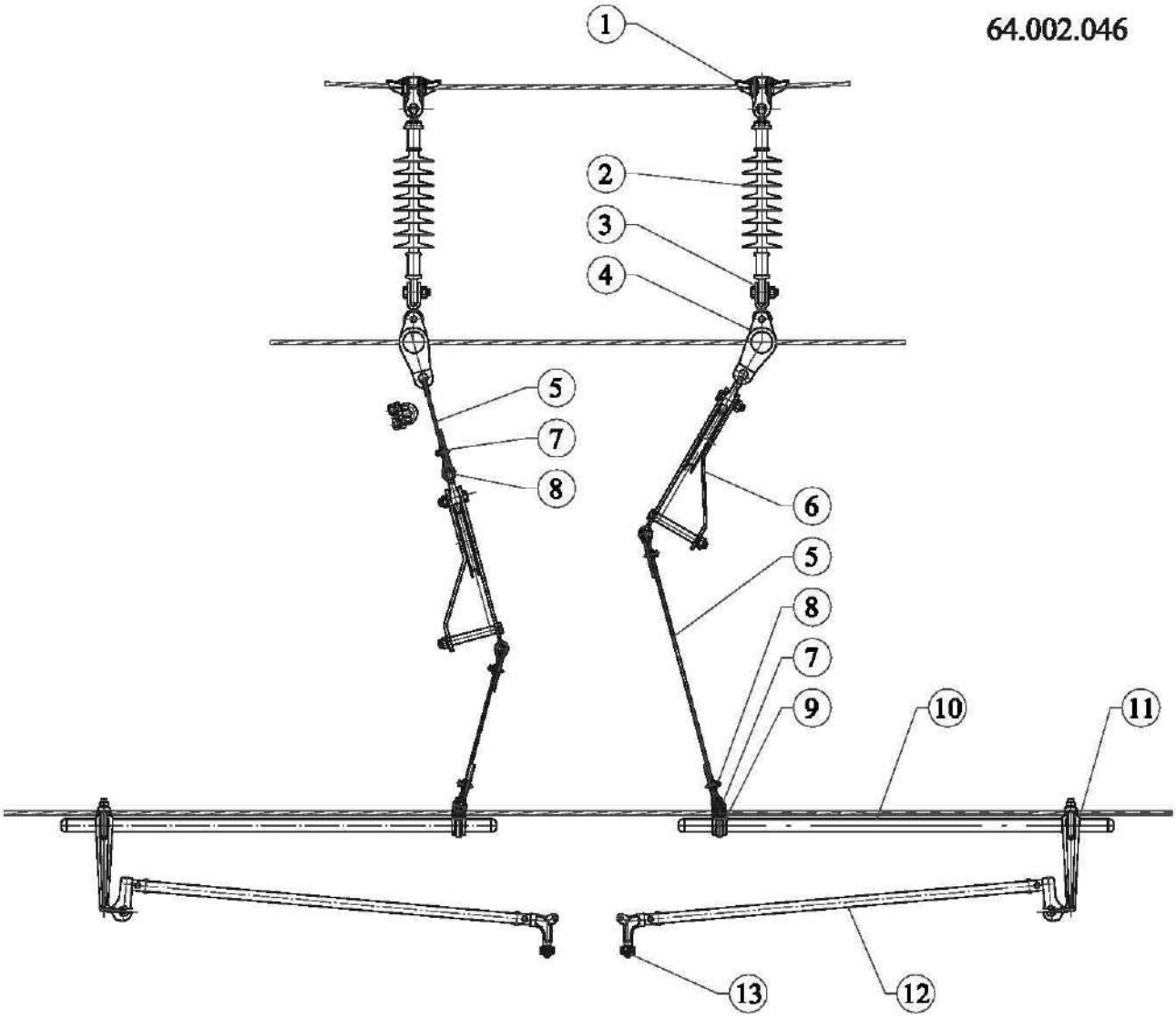
64.002.043



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	2	Izolator zatege / Suspension insulator	
3	2	Vilica s prstenom / Clevis with ring	43.64.204
4	2	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
5	3	Uže vješaljke Cu 16 / Dropper rope Cu 16	
6	2	Kotur nosivog užeta / Catenarry pully	64.204.000P
7	6	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
8	6	Umetak omče 7 / Thimble 7	64.203.100P
9	1	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
10	1	Držač poligonatora na / Stedy arm fastener	64.204.300B
11	1	Stezaljka donjeg užeta / Clamp for bottom wire	64.500.460
12	1	Držač poligonatora na GP / Stedy arm fastener	64.203.600B
13	1	Poligonator za GP / Stedy arm	64.203.700
14	1	Nosač poligonatora na GP / Stedy arm support	43.64.177
15	1	Poligonator za GP / Stedy arm	64.205.700
16	2	Stezaljka KP za poligonator / Swivel clip	64.257.500

VJEŠANJE DVA VOZNA VODA KOD NJIHOVOG KRIŽANJA NA GP
HANGING TWO CONTACT WIRE BY ITS CROSSING ON FLEXIBLE PORTALS

64.002.046



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	2	Izolator zatege / Suspension insulator	
3	2	Vilica s prstenom / Clevis with ring	43.64.204
4	2	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
5	3	Uže vješaljke Cu 16 / Dropper rope Cu 16	
6	2	Kolotura nosivog užeta / Catenarry pully	64.204.000P
7	6	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
8	6	Umetak omče 7 / Thimble 7	64.203.100P
9	2	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
10	2	Nosač poligonatora na GP / Stedy arm support	43.64.177
11	2	Držač poligonatora / Stedy arm fastener	64.204.300B
12	2	Poligonator za GP / Stedy arm	64.205.700
13	2	Stezaljka KP za poligonator / Swivel clip	64.257.500P

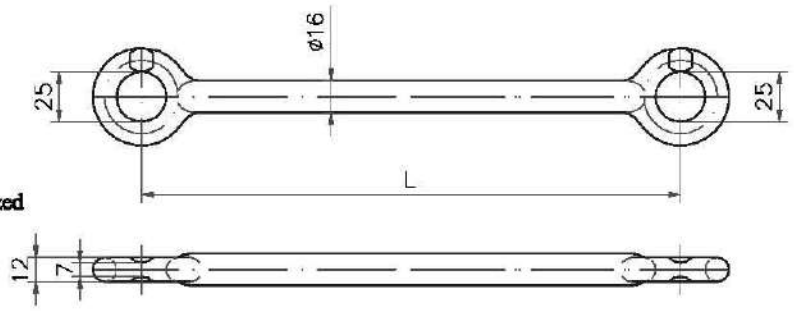
3 OVJESNA OPREMA

SUSPENSION ACCESSORIES

ZATEGA
TOP TIE ROD

64.200.200

Materijal: kovani èelik DIN 17200, vruæe pocinèan
Material : drop forged steel DIN 17100, hot dip galvanized

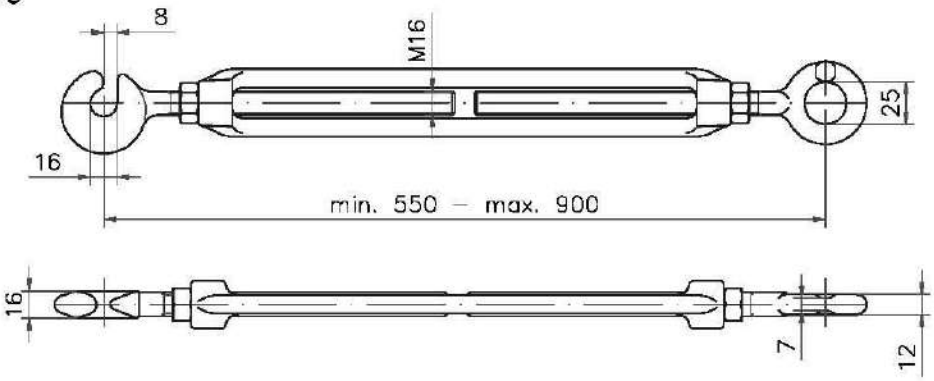


Tip/Type	A	B	C	D	E	F	G	H	R	S	T
Dužina / Length L [mm]	490	640	790	940	1090	1240	1390	1540	190	340	1690
Masa / Mass [kg]	4,28	1,20	1,45	1,65	1,90	2,20	2,40	2,70	0,45	0,70	2,90

PODESIVI VIJAK - ZATEZAČ 16
TOP TIE TURNBUCKLE 16

64.200.350

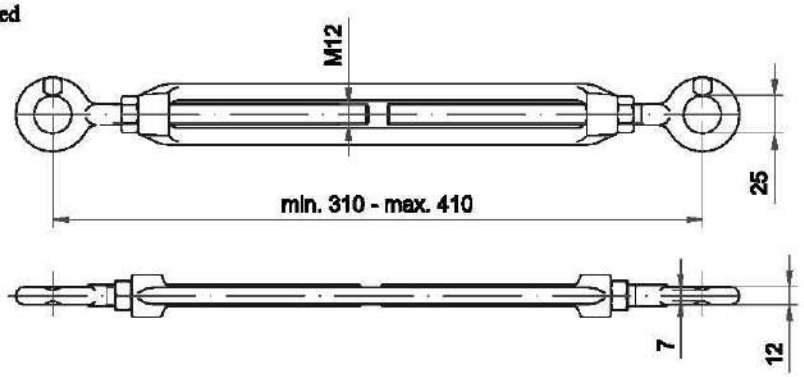
Materijal: kovani èelik DIN 17200, vruæe pocinèan
Masa: 1,90 kg
Material : drop forged steel DIN 17100, hot dip galvanized
Mass: 1,90 kg



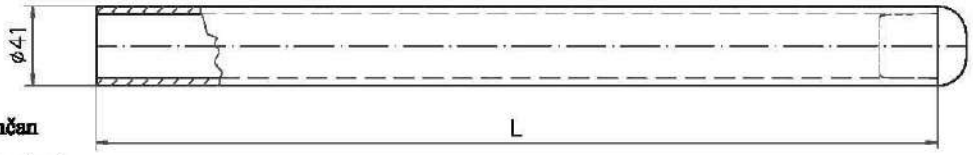
PODESIVI VIJAK - ZATEZAČ 12
TOP TIE TURNBUCKLE 12

43.64.190

Materijal: kovani èelik DIN 17200, vruæe pocinèan
Masa: 1,10 kg
Material : drop forged steel DIN 17100, hot dip galvanized
Mass: 1,10 kg



KOSNIK KONZOLE 41/33
STRUT TUBES 41/33



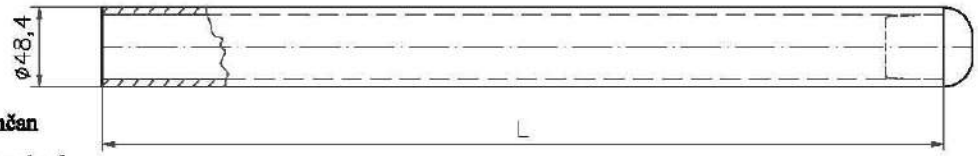
64.200.600

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length L [mm]	2100	2250	2400	2500	2600	2700	2850	3000	3150	3300	3450	1700	1950	3700
Masa / Mass [kg]	8,40	8,85	9,45	9,85	10,20	10,60	11,20	11,80	12,35	11,80	13,45	6,70	7,70	14,45

KOSNIK KONZOLE 48
STRUT TUBES 48



65.202.000

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length L [mm]	2900	3500	2700	2800	3000	3100	3200	3300	3400	2600	2000	2100	2300	2500
Masa / Mass [kg]	12,7	15,3	11,9	12,3	13,2	13,6	14,1	14,5	14,9	11,4	8,76	9,2	10,07	10,9

NOSAČ POLIGONATORA 30/25
REGISTER ARM TUBE 30/25



64.200.900

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

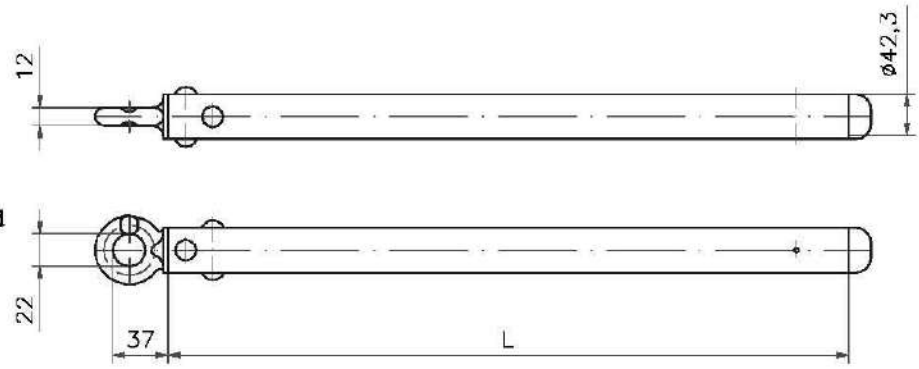
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length L [mm]	1100	1300	1500	1700	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700
Masa / Mass [kg]	2,25	2,60	3,00	3,30	3,70	4,10	4,40	4,75	5,10	5,50	5,80	6,20	6,50	6,90

NOSAČ POLIGONATORA
REGISTER ARM TUBE

65.202.200

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



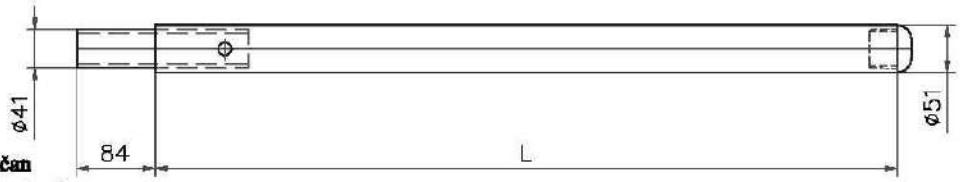
Tip / Type		A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length	L [mm]	1700	2000	3200	3300	3500	2100	2200	2700	2900	3100	2800	3300	1800	1400
Masa / Mass	[kg]	6,82	7,96	12,53	12,91	13,68	8,34	8,72	10,63	5,10	12,15	11,01	6,20	7,20	5,68

KOSNIK KONZOLE 51/41
STRUT TUBE 51/41

64.202.000

Materijal:čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



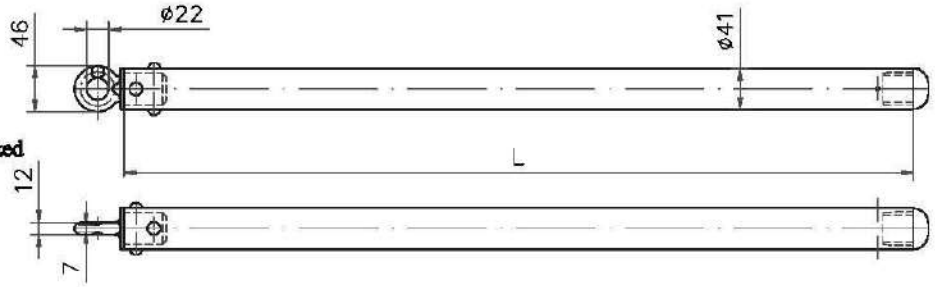
Tip / Type		A	B	C	D	E	F	G	H	I	K	L	M	R	U	V	W	X	Y	Z
Dužina / Length	L [mm]	2016	2166	2316	2416	2516	2616	2766	2916	3050	3066	3216	3366	1866	3616	3700	3800	3816	3850	3900
Masa / Mass	[kg]	10,70	11,45	12,10	12,60	13,10	13,60	14,40	15,10	18,50	15,80	16,60	17,30	9,90	19,20	19,60	20,10	20,20	20,40	20,60

NOSAČ POLIGONATORA 41/33
REGISTER ARM ASSEMBLY 41/33

64.202.200

Materijal:čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

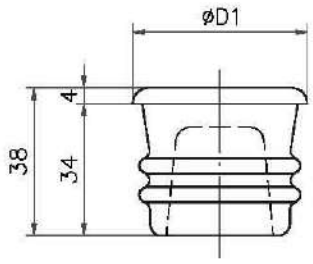


Tip / Type		A	B	C	D	E	F	G	H	K	L	M	N	P	R
Dužina / Length	L [mm]	1100	1300	1500	1700	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700
Masa / Mass	[kg]	4,4	5,2	6,0	6,8	7,6	8,4	9,2	10,0	10,8	11,6	12,4	13,2	14,0	14,8

CEP CIJEVI
STOPPER

65.142.800

Materijal: PVC
Material : PVC

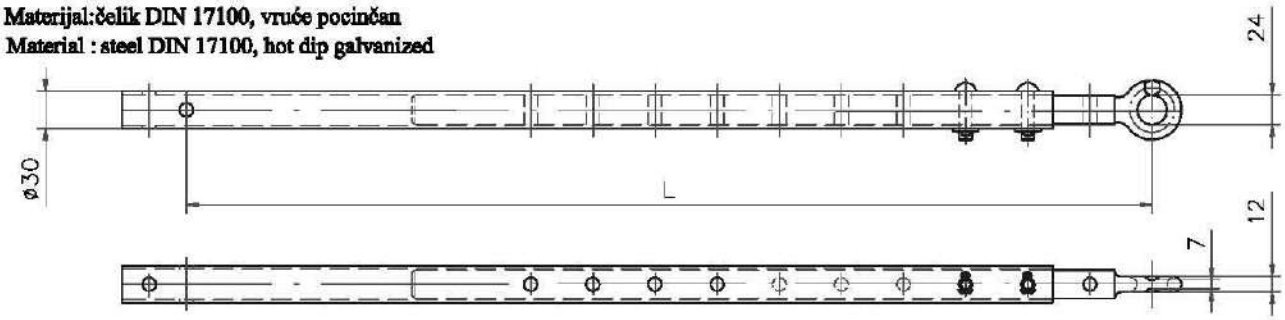


Tip / Type		A	B	C	D	E	F	G
Za cijev / For tube	[mm]	Ø30x2,5	Ø33x4	Ø41x4	Ø42,4x4	Ø48,4x4	Ø51x4,5	Ø51x6
ØD1	[mm]	Ø30	Ø33	Ø41	Ø42,4	Ø48,4	Ø51	Ø51

PODESIVA POTPORA
ADJUSTABLES TOP STRUTS

64.202.600

Materijal:čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

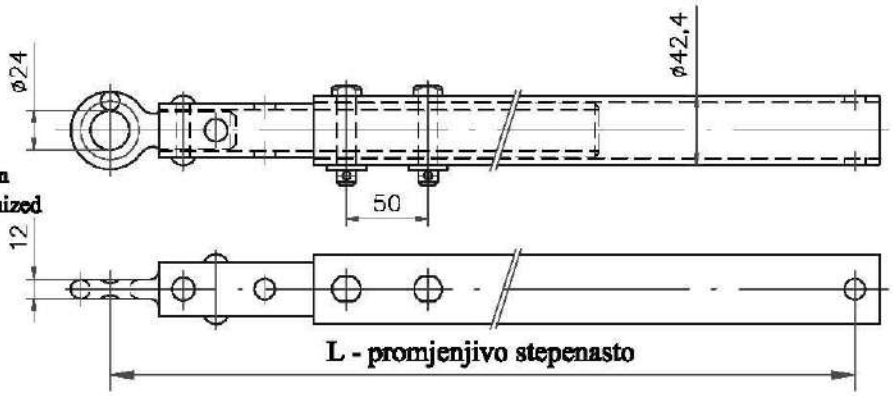


Tip / Type		A	B	C	D	E	F	G	H	K	R	S
Dužina / Length L	[mm]	1100	1300	1500	1700	1900	2100	2300	2500	2700	800	950
Masa / Mass	[kg]	3,45	4,48	4,84	5,18	5,58	5,90	6,30	5,20	7,00	3,60	3,35

PODESIVE POTPORE
ADJUSTABLES TOP STRUTS

43.64.194

Materijal:čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

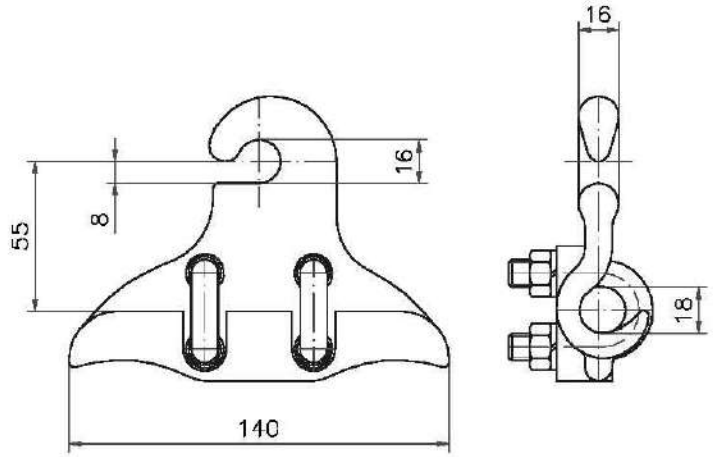


Tip / Type		A	B	C	D	E	F	G	H	K
Dužina / Length L	[mm]	1200	1300	1400	1500	1600	1700	1800	1900	2000
Masa / Mass	[kg]	6,65	7,05	7,50	7,80	8,20	8,60	8,95	9,40	9,75

STEZALJKA S KUKOM ZA NOSIVO UŽE
CATENARY SUSPENSION CLAMP

Materijal: aliminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

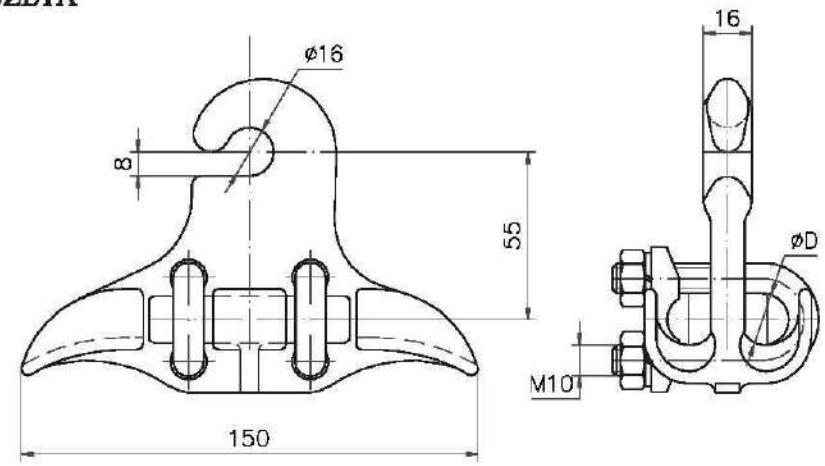
Kat. br. Cat. No.	Dimenzije Dimensions D [mm]	Masa Mass [kg]
64.200.500	18	0,89
64.200.550	14	0,92



STEZALJKA S KUKOM ZA DVA NOSIVA UŽETA
DOUBLE CABLE CLAMP WITH HOOK

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

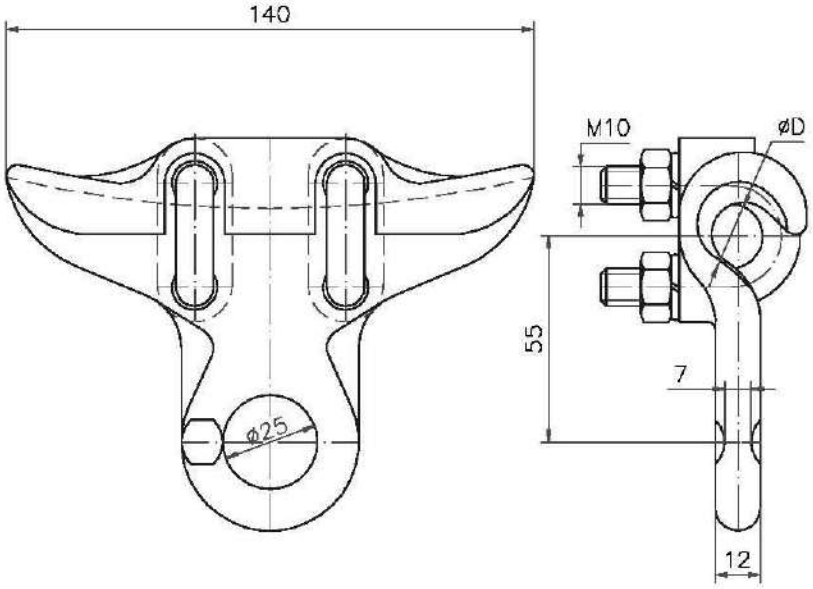
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.202.900B	17	1,27
64.202.950B	14	1,30



STEZALJKA S U VIJCIMA I PRSTENOM
CABLE CLAMP WITH EYE

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

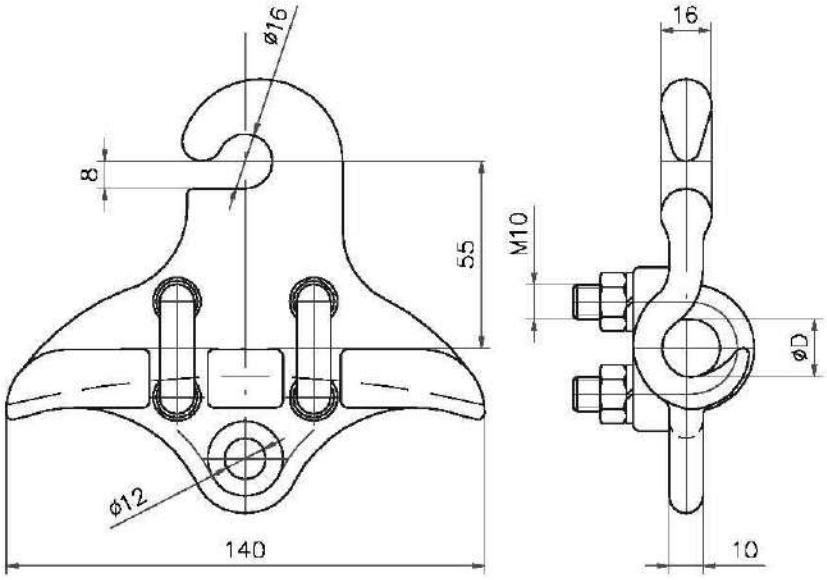
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.203.000B	17	1,05
64.203.050B	14	1,12



STEZALJKA S KUKOM ZA NOSIVO UŽE
CATENARY SUSPENSION CLAMP

Materijal: aluminijska bronca, DIN17656 / 17665
Material : aluminium bronze, DIN 17656 / 17665

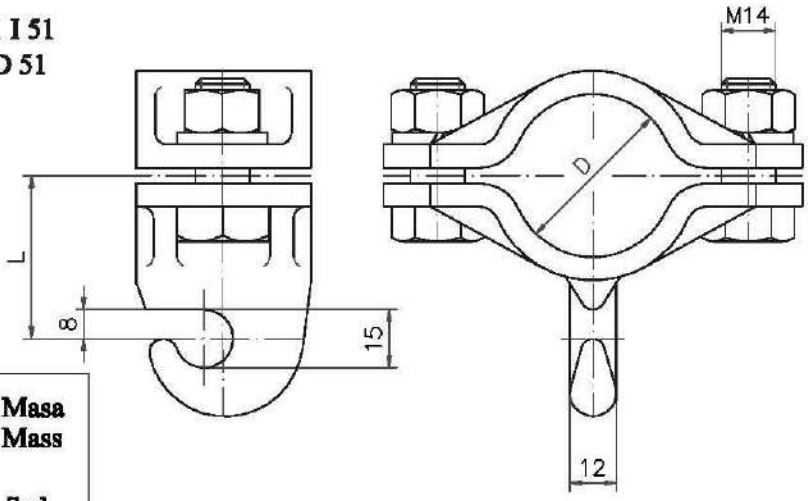
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.250.500	17	0,79
64.250.550	14	0,83



STEZALJKE ZA NOSAÈ POLIGONATORA 41 I 51
REGISTER ARM CLAMPS FOR TUBE 41 AND 51

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

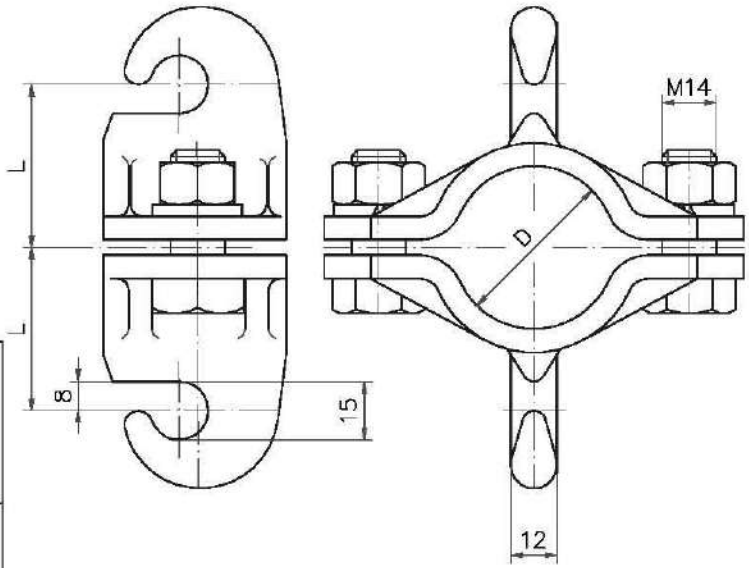
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions D [mm]	L	Masa Mass [kg]
64.200.700	41	41	40	0,74
64.202.100	51	51	44	0,78



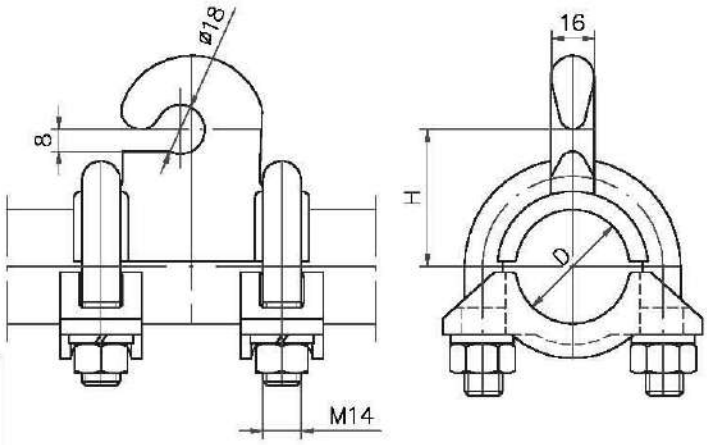
STEZALJKE ZA NOSAÈ POLIGONATORA 41 I 51
REGISTER ARM CLAMPS FOR TUBE 41 AND 51

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions D [mm]	L	Masa Mass [kg]
64.200.750	41	41	40	0,91
64.202.150	51	51	44	0,96



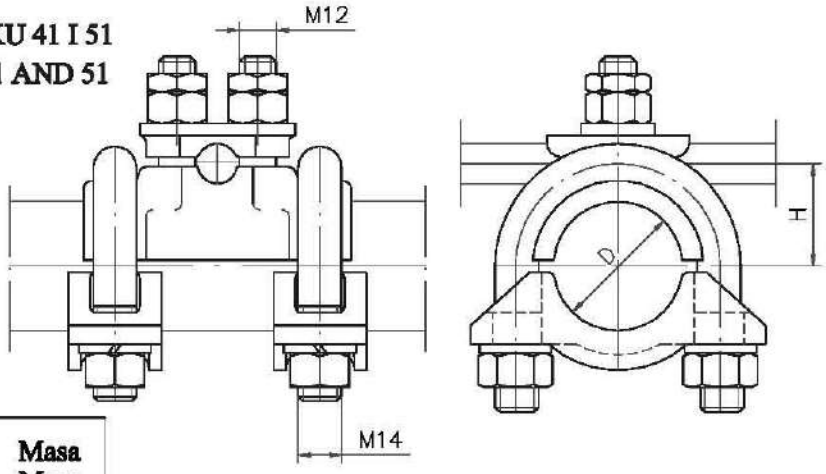
STEZALJKA S KUKOM ZA CIJEV 41/51
HOOK CLAMP FOR TUBE 41/51



Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

Kat. br. Cat. No.	Dimenzije Dimensions H [mm]	D	Masa Mass [kg]
64.204.800	50	Ø41	1,53
64.205.000	52	Ø51	1,80

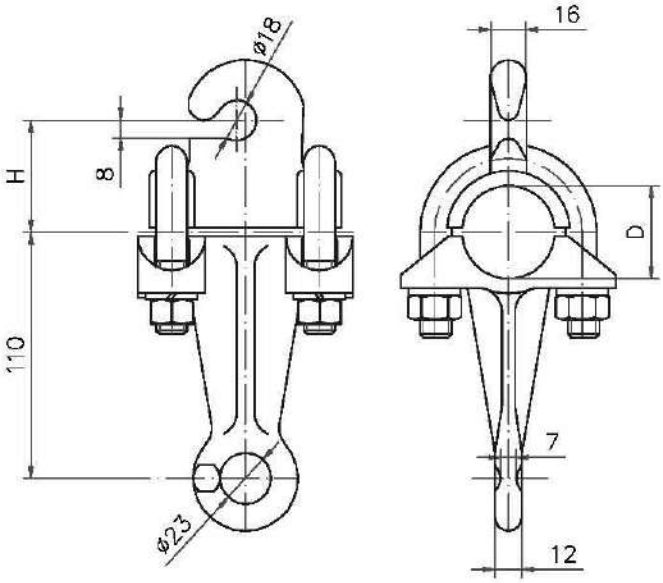
STEZALJKA NOSIVOG UŽETA NA KOSNIKU 41 I 51
CATENARY WIRE SUSPENSION CLAMP 41 AND 51



Materijal: aluminijaka bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

Kat. br. Cat. No.	Dimenzije Dimensions H [mm]	D	Masa Mass [kg]
64.204.900	33	Ø41	1,80
64.205.100	38	Ø51	2,12

STEZALJKA S KUKOM I PRSTENOM 41 I 51
HOOK AND EYE CLAMP FOR TUBE 41 AND 51



Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

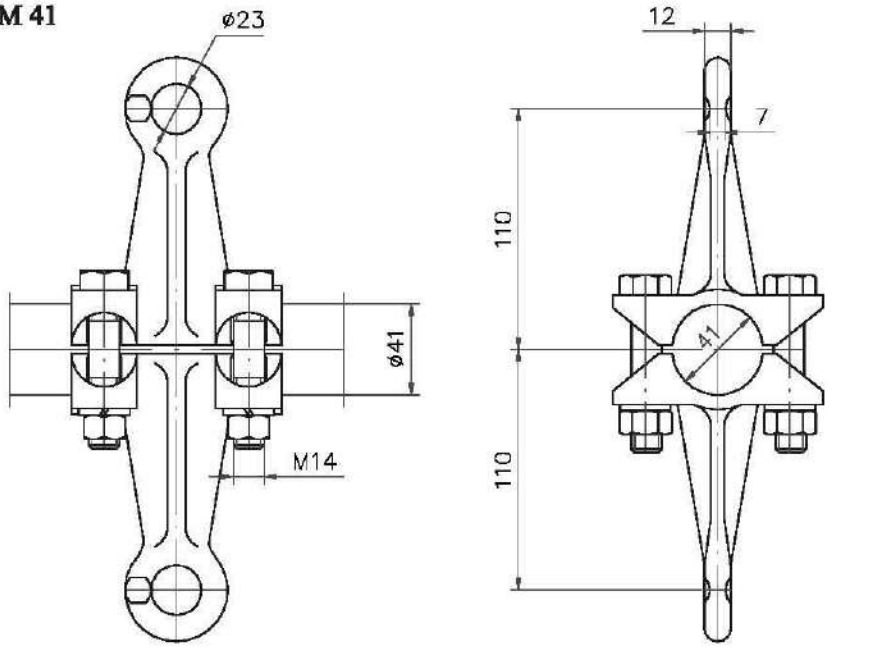
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions H [mm]	D	Masa Mass [kg]
64.200.400	41	50	41	2,10
64.201.900	51	52	51	2,29

STEZALJKA S DVOSTRUKIM PRSTENOM 41
CLAMP WITH DOUBLE EYE

64.205.300

Materijal: aluminijska bronca, DIN17656/17665
Masa: 12,33 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 12,33 kg

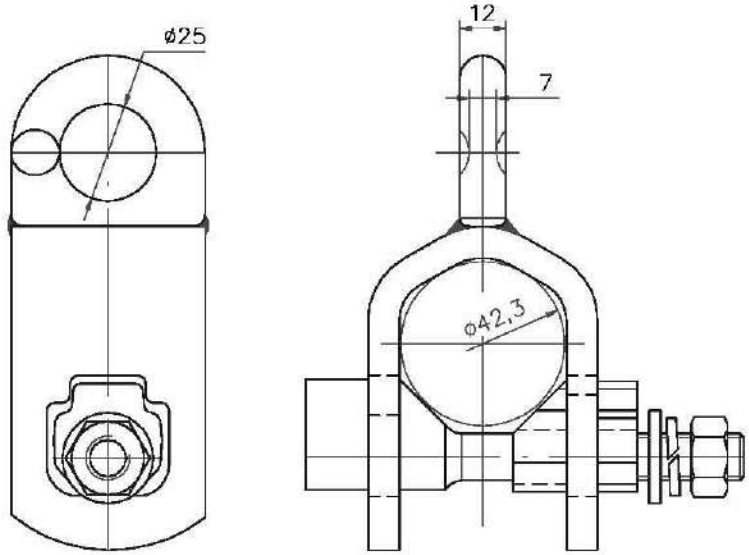


STEZALJKA S OÈKOM
CLAMP WITH RING

43.64.180

Materijal: èelik, DIN17100 vruæe pocinèan
Masa: 0,90 kg

Material : steel, DIN 17100 hot dip galvanized
Mass: 0,90 kg

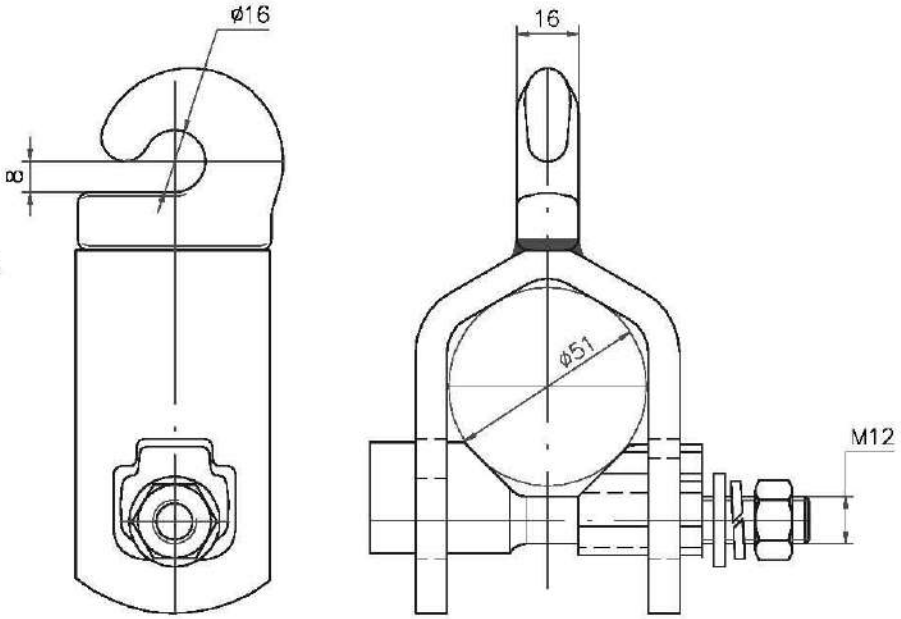


STEZALJKA S KUKOM
CLAMP WITH HOOK

43.64.181

Materijal: èelik, DIN17100 vruæe pocinèan
Masa: 1,03 kg

Material : steel, DIN 17100 hot dip galvanized
Mass: 1,03 kg

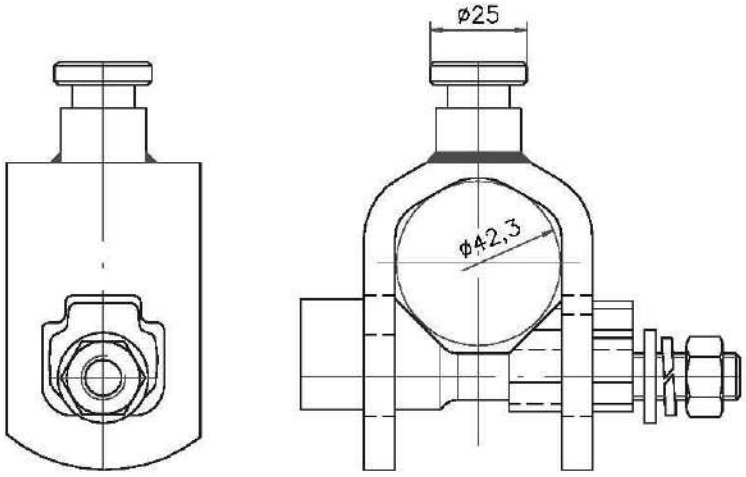


STAZALJKA S BATIĆEM
CLAMP WITH BALL

43.64.182

Materijal: čelik, DIN17100 vruće pocinčan
Masa: 0,95 kg

Material : steel, DIN 17100 hot dip galvanized
Mass: 0,95 kg

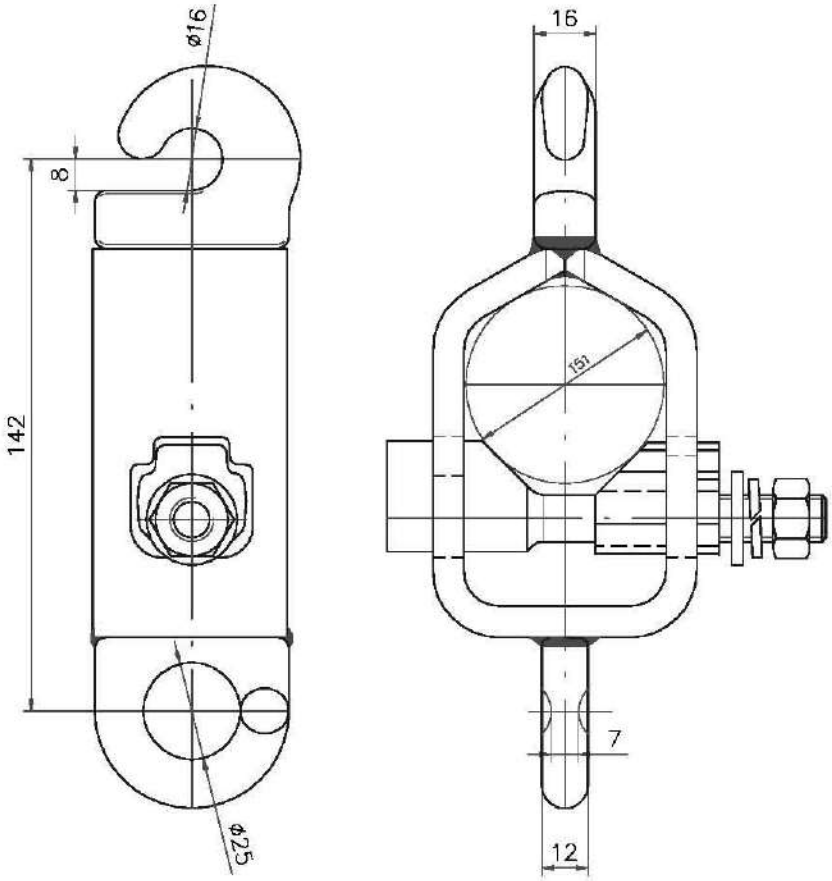


STEZALJKA S KUKOM I PRSTENOM
CLAMP WITH HOOK AND RING

43.64.183

Materijal: čelik, DIN17100 vruće pocinčan
Masa: 1,30 kg

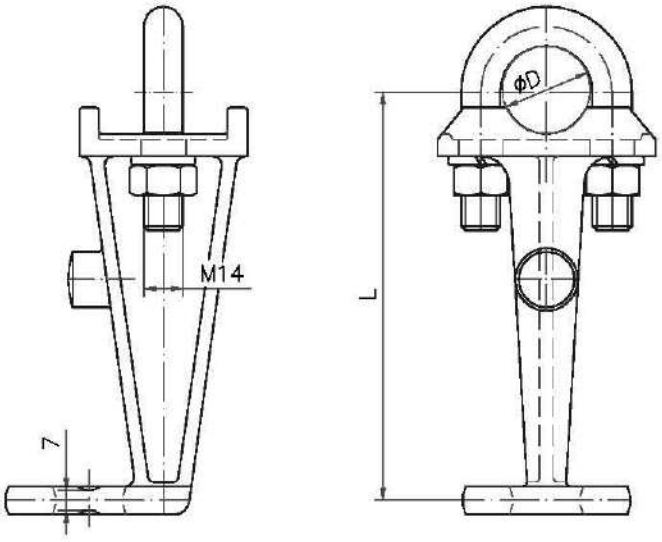
Material : steel, DIN 17100 hot dip galvanized
Mass: 1,30 kg



DRŽAČ POLIGONATORA 30, 41 I 51
DROP BRACKET FOR TUBE 30, 41 AND 51

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions D [mm]	L	Masa Mass [kg]
64.201.000	30	30	146	1,24
64.202.300	41	41	150	1,25
64.205.200	51	51	150	1,38

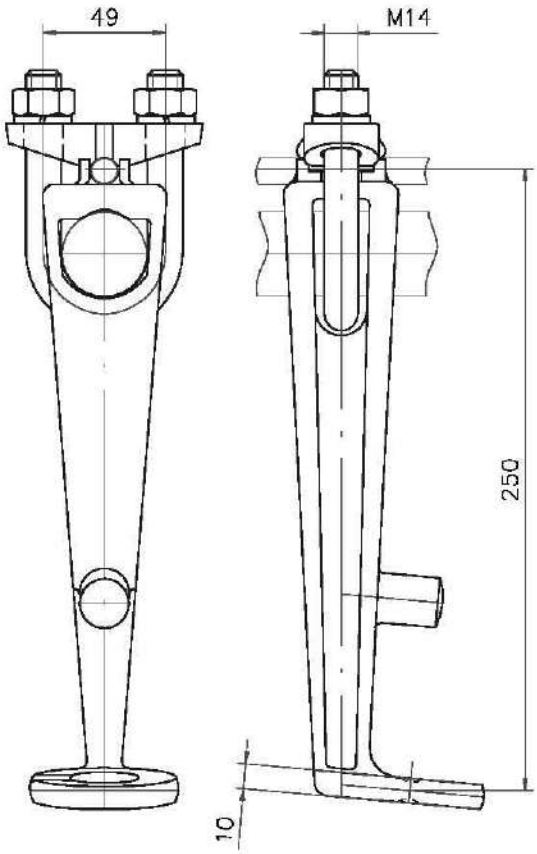


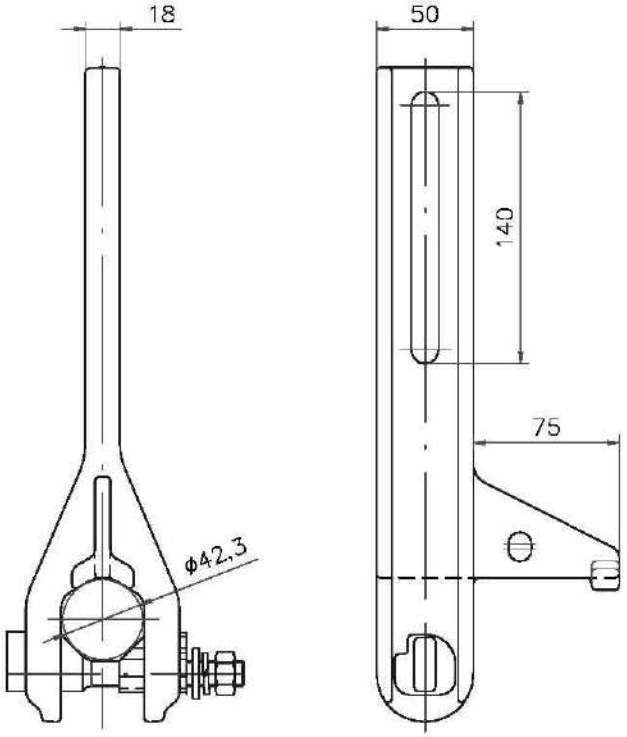
DRŽAČ POLIGONATORA
STEADY ARM SUPPORT

64.204.300B

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,24 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,24 kg





DRŽAČ POLIGONATORA
STEADY ARM SUPPORT

43.64.193

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,90 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,90 kg

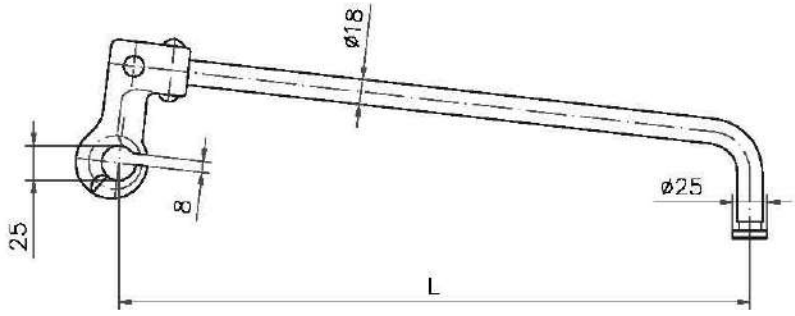
POLIGONATOR
STEADY ARM ROD

64.201.100

Materijal: kovani čelik DIN 17200, vruće pocinčan

Material : drop forged steel DIN 17200, hot dip galvanized

Tip / Type		A	B	C
Dužina / Length	L [mm]	900	1300	1350
Masa / Mass	[kg]	2,55	2,85	3,93

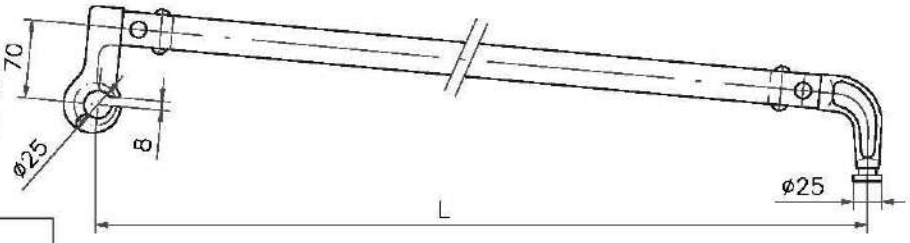


POLIGONATOR ZA VELIKA OPTEREĆENJA
STEADY ARM FOR HIGH LOAD

64.205.700K

Materijal: aluminijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665



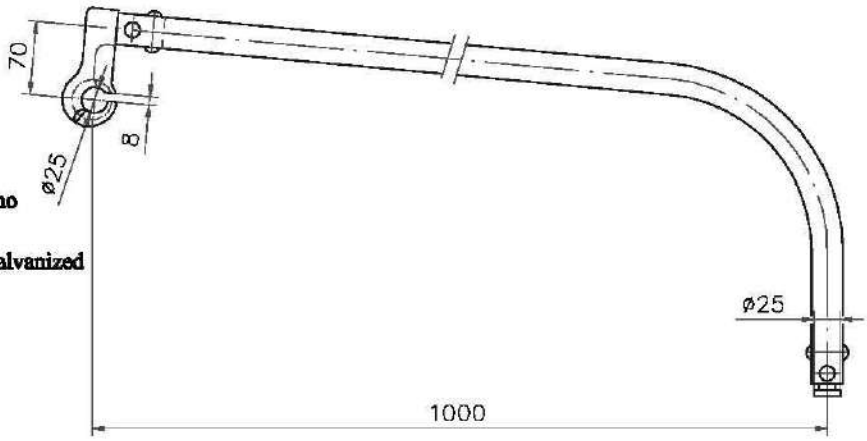
Tip / Type		A	B	C
Dužina / Length	L [mm]	900	1100	1350
Masa / Mass	[kg]	2,75	3,10	3,55

ZAKRIVLJENI POLIGONATOR
BENDING STEADY ARM

64.205.800

Materijal: kovani čelik, DIN 17200, vruće pocinčano
Masa: 3,30 kg

Material : drop forged steel, DIN 17200, hot dip galvanized
Mass: 3,30 kg

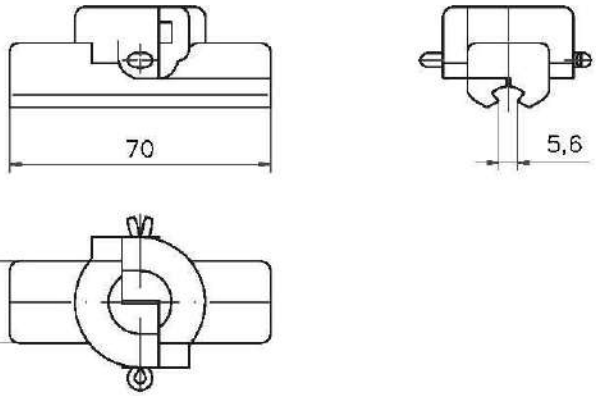


STEZALJKA KONTAKTNOG VODIČA ZA POLIGONATOR
CONTACT WIRE CLIP

64.201.200

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,2 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,2 kg

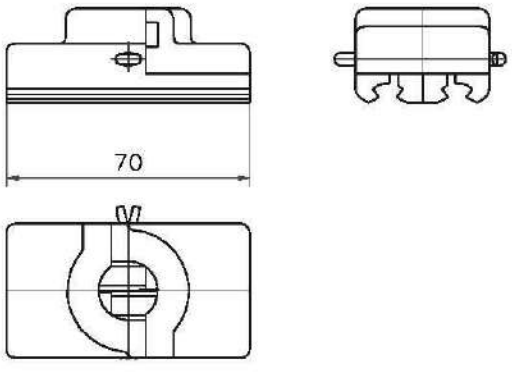


STEZALJKA DVOSTRUKOG KONTAKTNOG VODIČA ZA POLIGONATOR
TWIN CONTACT WIRE CLIP

64.205.600

Materijal: aluminijaka bronca, DIN17656/17665
Masa: 0,36 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,36 kg

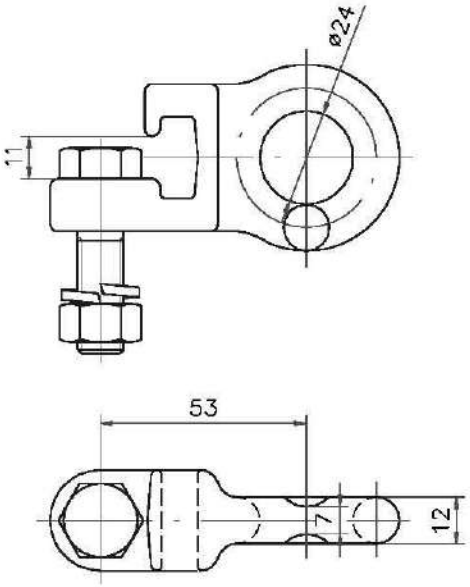


PRSTEN POLIGONATORA
RING OF STEADY ARM FASTENER

43.64.202

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,37 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,37 kg

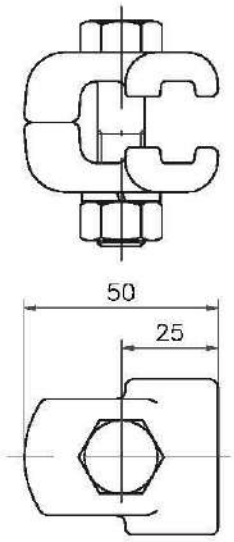


GRANIČNIK POLIGONATORA
STEADY ARM LIMITOR

43.64.203

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,40 kg

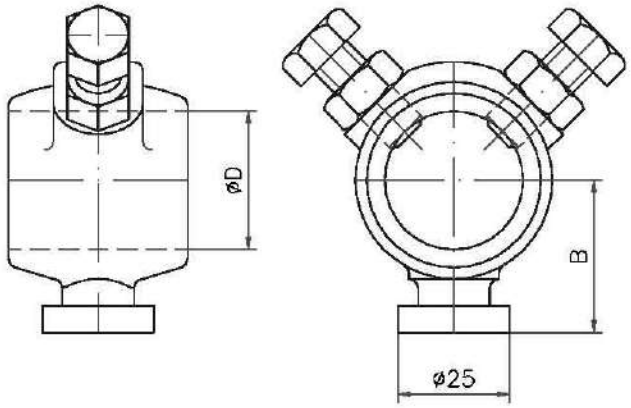
Material : aluminium bronze, DIN 17656/17665
Mass: 0,40 kg



NOSAČ STEZALJKE KONTAKTNOG VODIČA 30 I 41
SWIVEL FITTING CLAMP FOR TUBE 30 AND 41

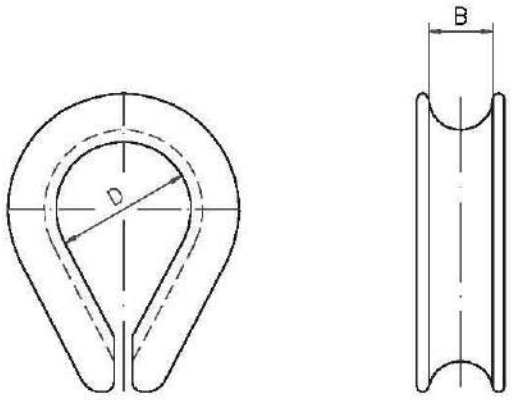
Materijal: aliminijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions D [mm]	B	Masa Mass [kg]
64.202.700	31	31	34	0,35
64.202.750	41	41	40	0,45

UŠKE ALKE ZA UŽE
THIMBLES

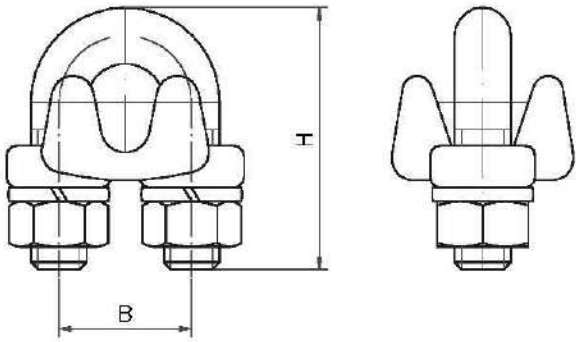


Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions B [mm]	D	Masa Mass [kg]
64.201.500	Ø5	7	14,5	0,045
64.203.100	Ø7	9	18,5	0,060
64.250.202	Ø8	9	40	0,060
64.251.002	Ø3	3,5	28	0,025
64.300.200	Ø10-10,5	12,5	28	0,070
64.300.700	Ø11,8	14	36	0,120
64.301.900	Ø13-16	17,5	38	0,180

STEZALJKA S "U" VIJKOM
"U"B BOLT CLAMP FOR CABLE

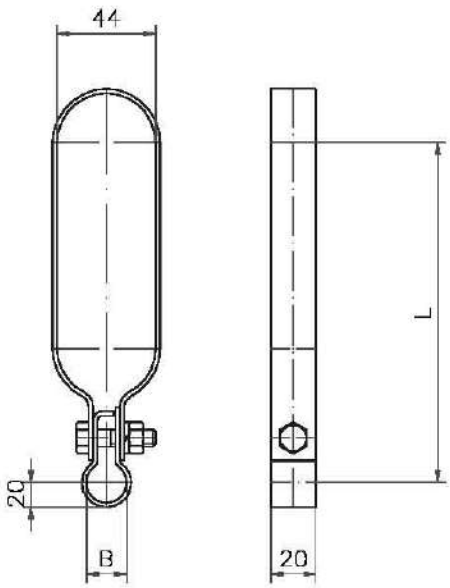


Materijal: kovani čelik DIN 17200, vruće pocinčan

Material : drop forged steel DIN 17200, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions B [mm]	H	Masa Mass [kg]
64.201.700	Ø5-7	19	35	0,07
64.251.600	Ø8-11	24	60	0,35
64.300.100	Ø10-12	30	60	0,35
64.301.800	Ø13-16	34	75	0,51

ALKA PROTIV VJETRA
ANTIWIND STIRRUP



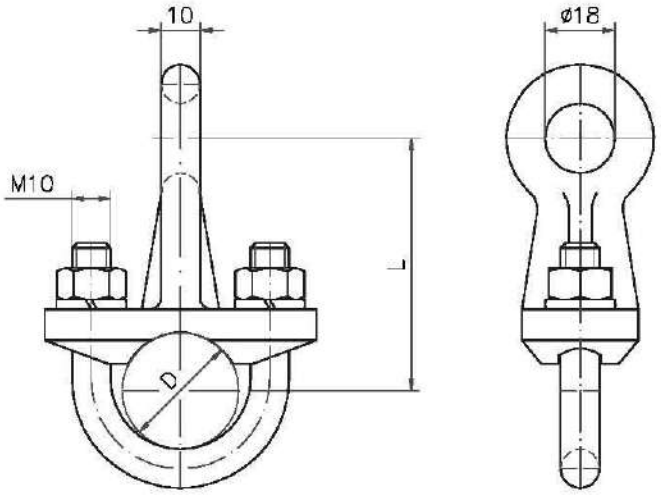
Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Dimenzije Dimensions L [mm]	B	Masa Mass [kg]
64.201.300	152	18	0,20
64.205.900	115	35	0,19
64.206.500	152	30	0,20

STAZALJKA "V" VJEŠALJKE 30 I 41
"V" DROPPER EYE CLAMPS 30 AND 41

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665



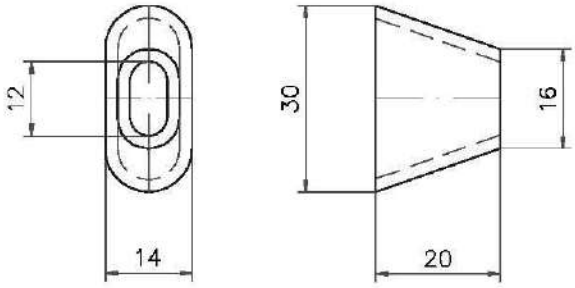
Kat. br. Cat. No.	Dimenzije Dimensions D [mm]	L	Masa Mass [kg]
64.201.400	30	65	0,39
64.202.400	41	62	0,63

PRSTEN "V" VJEŠALJKE
"V" DROPPER SLEEVE

64.201.600

Materijal: bakar, DIN 1708
Masa: 0,02 kg

Material : copper, DIN 1708
Mass: 0,02 kg

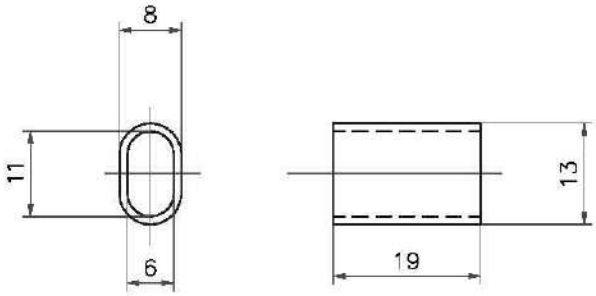


PRSTEN "I" VJEŠALJKE
"I" DROPPER SLEEVE

64.201.650

Materijal: bakar, DIN 1708
Masa: 0,006 kg

Material : copper, DIN 1708
Mass: 0,006 kg

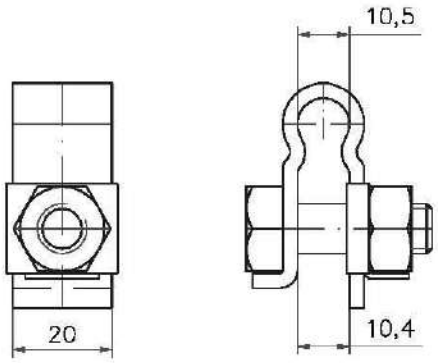


OBUJMICA "V" VJEŠALJKE
"V" DROPPER CLIP

64.201.800

Materijal: bakar, DIN 1708
Masa: 0,091 kg

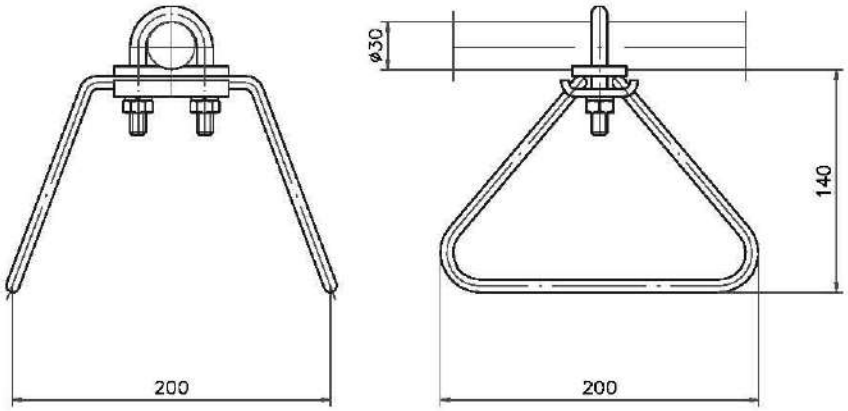
Material : copper, DIN 1708
Mass: 0,091 kg



GRANIČNIK KONTAKTNOG VODIČA
LIMIT OF CONTACT WIRE

64.202.800

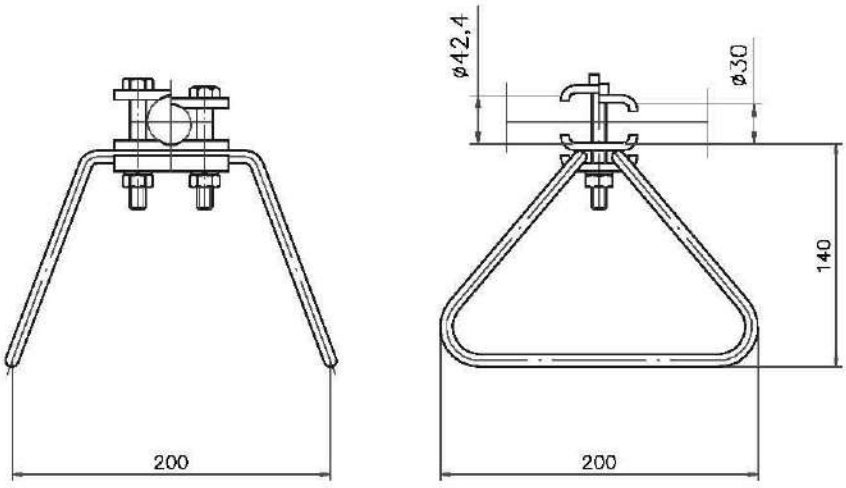
Materijal:čelik DIN 17100, vruće pocinčan
Masa: 1,23 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 1,23 kg



GRANIČNIK KONTAKTNOG VODIČA
LIMIT OF CONTACT WIRE

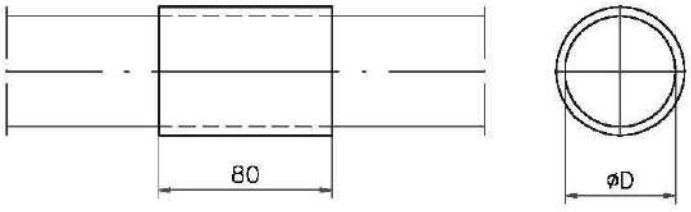
64.252.400

Materijal:čelik DIN 17100, vruće pocinčan
Masa: 1,23 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 1,23 kg



ZAŠTITNI PRSTEN
PROTECTION RING

Materijal: neopren
Material : neopren



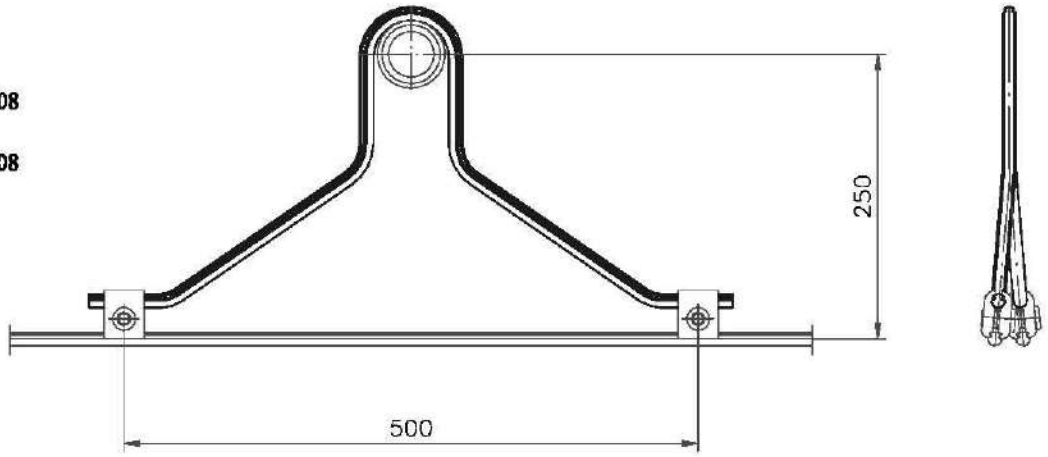
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.205.400	51	0,05
64.205.450	42	0,04

VJEŠALJKA ZA KONZOLU DVOSTRUKOG KONTAKTNOG VODIČA
SPECIAL DROPPER

64.205.500

Materijal: bakar, DIN 1708
Masa: 0,76 kg

Material : bakar, DIN1708
Mass: 0,76 kg



POLOVINA ZATEGE POLIGONATORA
CANTILEVER STEADY ARM

64.251.500

Materijal: čelik, DIN 17100, vruće pocinčano

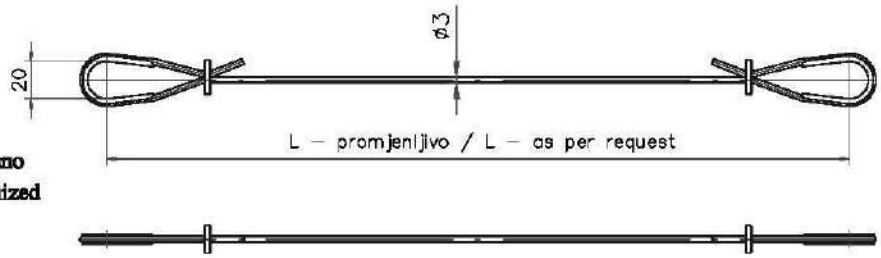
Material : steel, DIN17100, hot dip galvanized



VJEŠALJKA POLIGONATORA
STEADY ARM HAENGER

64.252.300

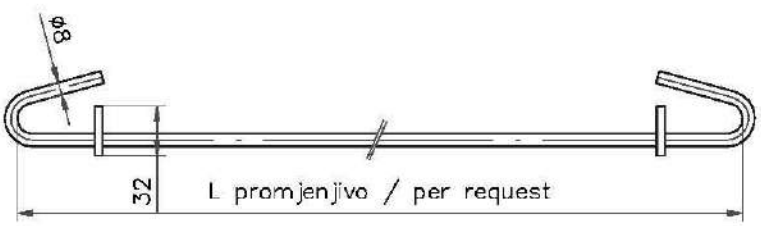
Materijal: čelik, DIN 17100, vruće pocinčano
Material : steel, DIN17100, hot dip galvanized



ZATEGA KONZOLE
CANTILEVER STAY ROD

43.64.184

Materijal: nehr. čelik, DIN
Material : steinless steel, DIN

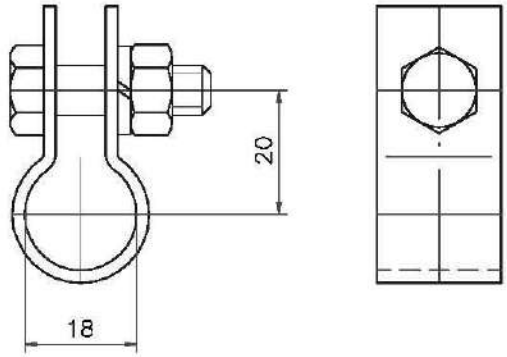


STEZALJKA POLIGONATORA ZA VJEŠALJKU
HANGER CLAMP

64.206.600

Materijal: čelik, DIN17100, vruće pocinčano
Masa: 0,071 kg

Material : steelDIN 17100, hot dip galvanized
Mass: 0,071 kg

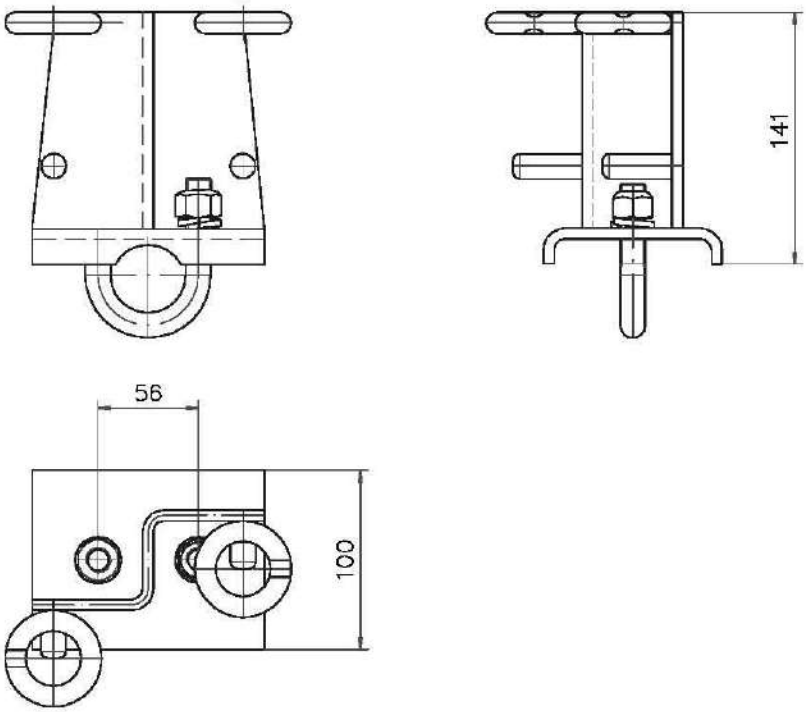


DRŽAČ DVA POLIGONATORA
TWIN PULL-OFF BRACKET

64.142.300

Materijal: čelik, DIN17100, vruće pocinčano
Masa: 2,40 kg

Material : steelDIN 17100, hot dip galvanized
Mass: 2,40 kg

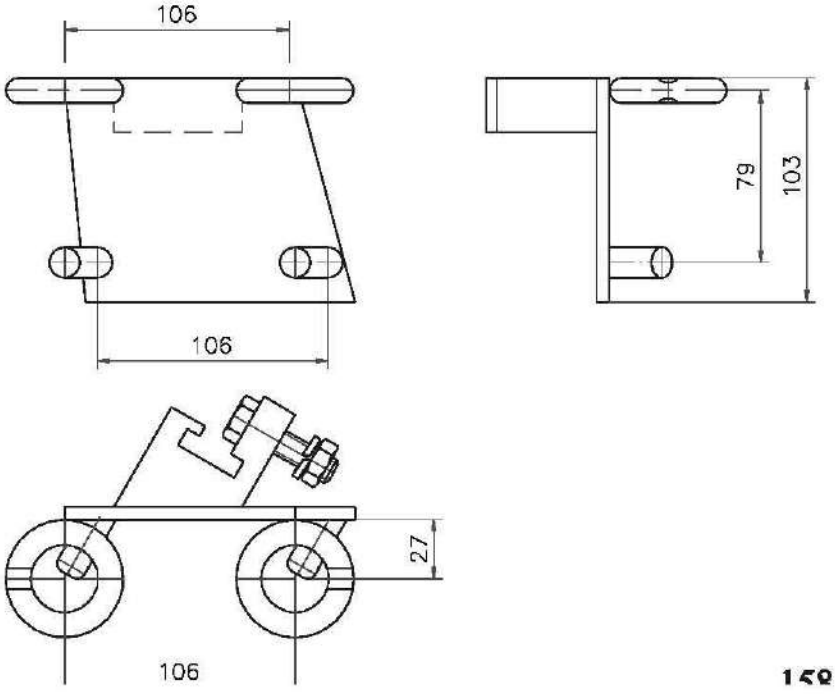


DRŽAČ DVA POLIGONATORA ZA TUNELSKU KONZOLU
TWIN PULL-OFF BRACKET

64.142.400

Materijal: čelik, DIN 17100, vruće pocinčano
Masa: 1,40 kg

Material : steel, DIN 17100, hot dip galvanized
Mass: 1,40 kg

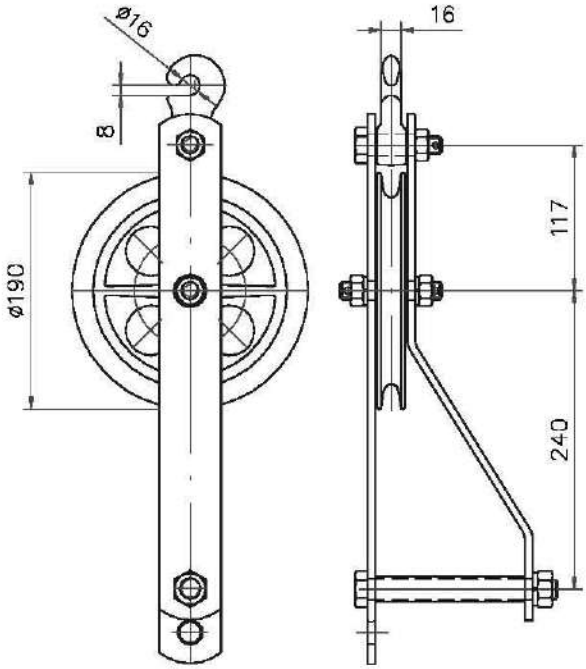


KOTURA NOSIVOG UŽETA
CATENARY PULLEY

64.204.000P

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 5,50 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 5,50 kg

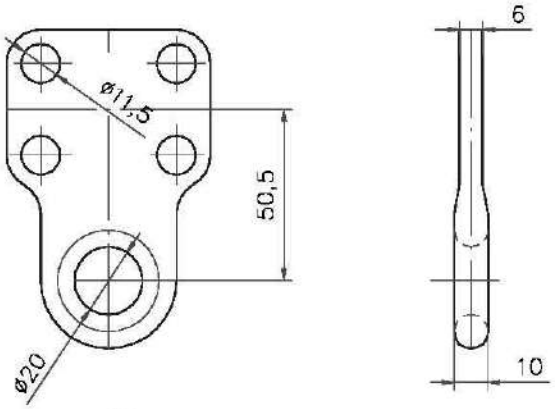


SPOJNA PLOČICA S PRSTENOM
CONNECTING PLATE WITH RING

64.203.400B

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: kg

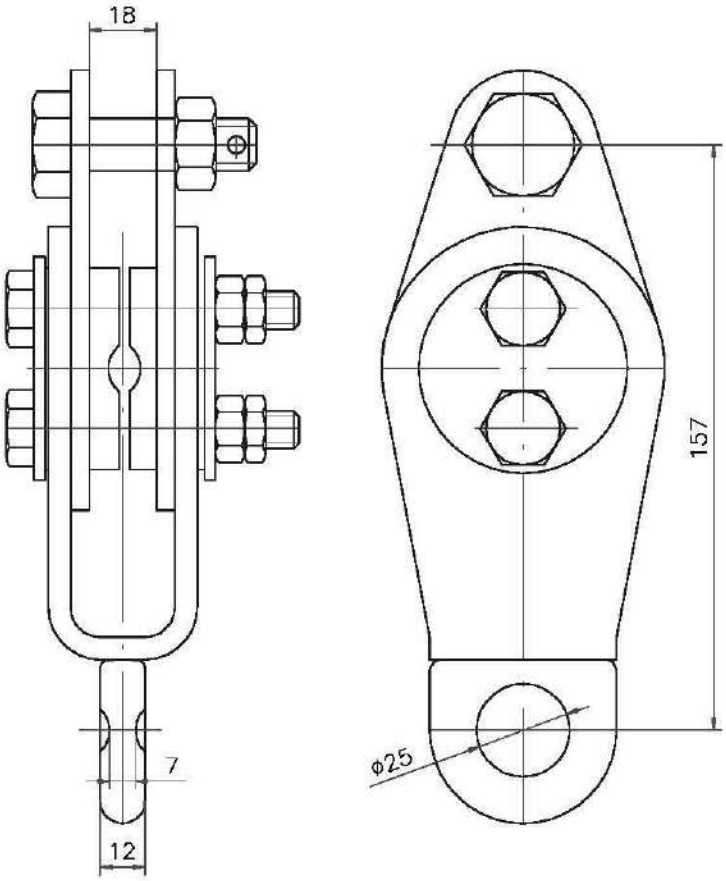


KLIZNA STEZALJKA ZA JEDNOSTRUKO UŽE
SLIDING CLAMP FOR SINGLE ROPE

64.203.200V

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,70 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,70 kg

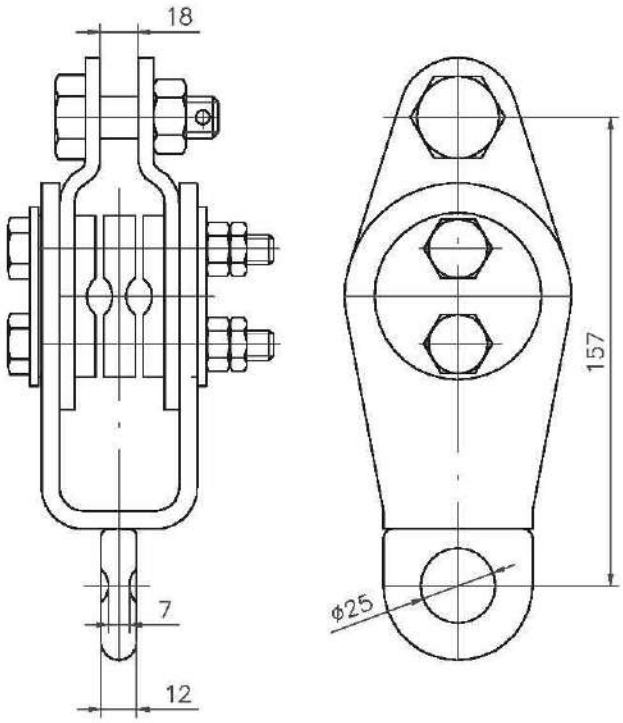


KLIZNA STEZALJKA ZA DVOSTRUKO UŽE
SLIDING CLAMP FOR DOUBLE ROPE

64.203.800V

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,90 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,90 kg

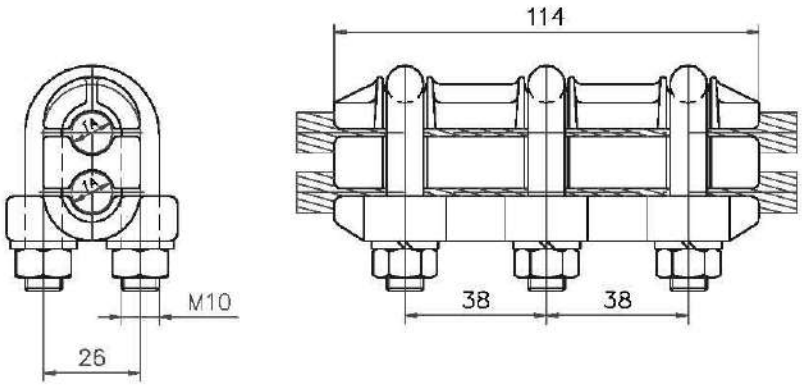


STEZALJKA POMOĆNOG NOSIVOG UŽETA
CLAMP OF ACCESSORY

65.24.500

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,15 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,15 kg

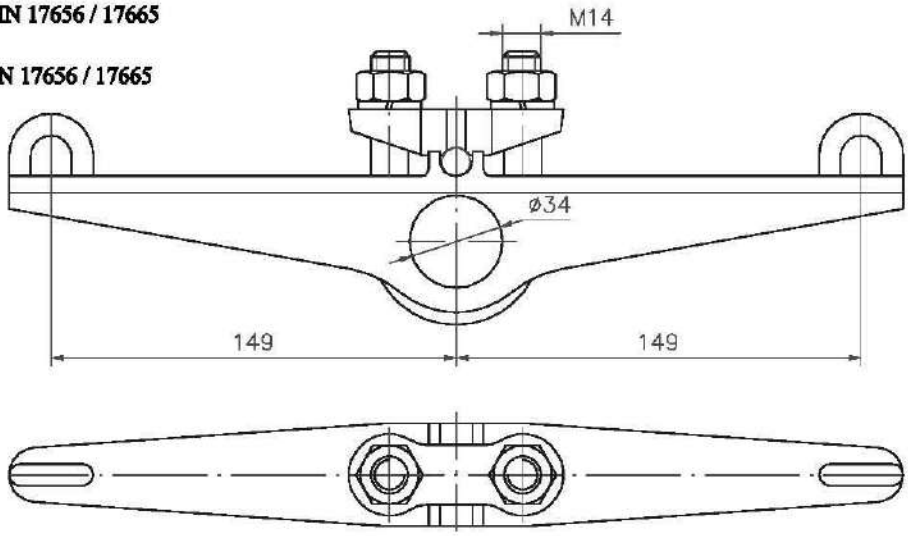


JARAM NOSAČA POLIGONATORA
YOKE FOR STEADY ARM

64.204.100B

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,75 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,75 kg

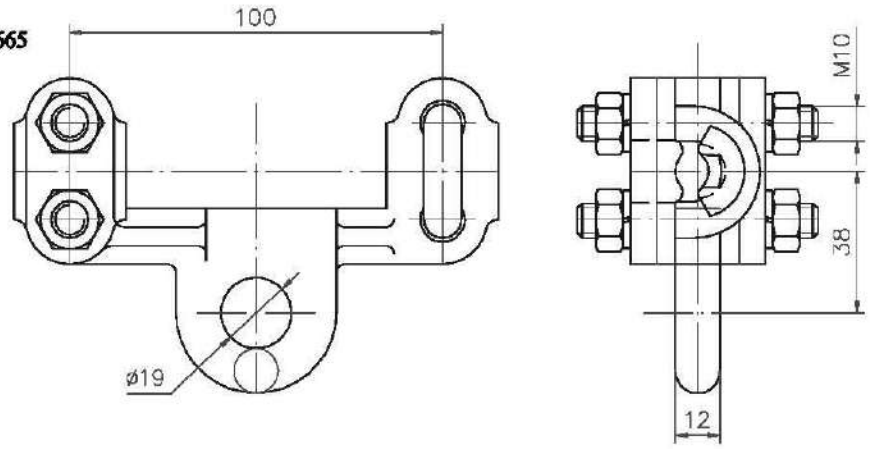


DRŽAČ POLIGONATORA NA GP
STEADY ARM FASTENER

64.203.600B

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,15 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,15 kg

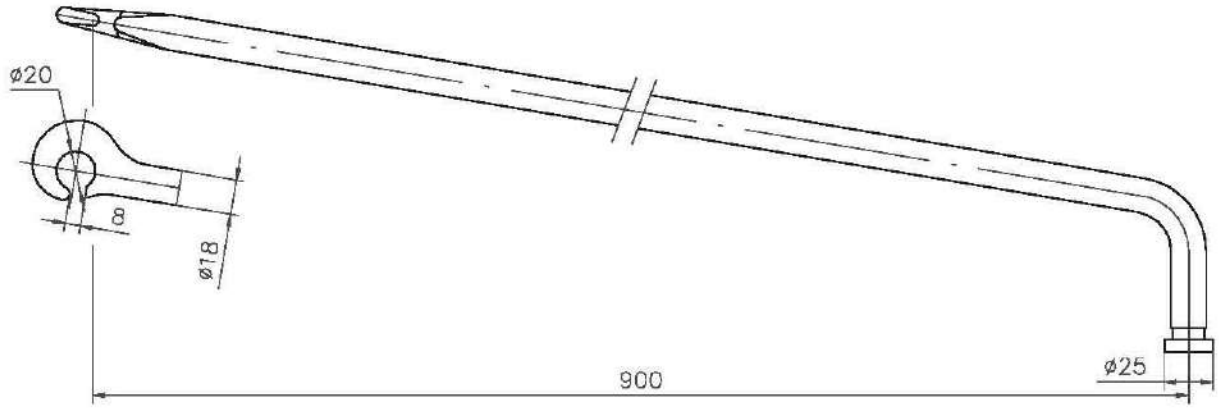


POLIGONATORA NA GP
STEADY ARM

64.203.700

Materijal: kovani čelik, DIN 17200, vruće pocinčano
Masa: 2,10 kg

Material : drop forged steel, DIN 17200, hot dip galvanized
Mass: 2,10 kg

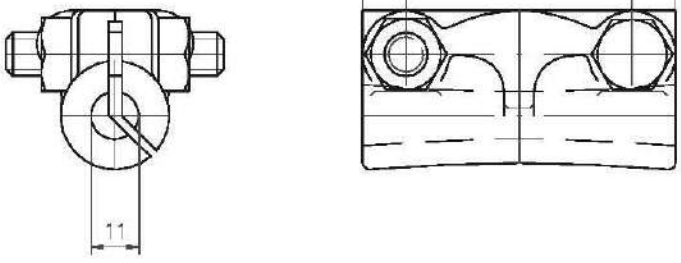


OKRETNA STEZALJKA ZA NOSIVO UŽE
CATENARY CABLE SWIVEL CLIP FOR CONTACT WIRE

64.257.200

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,2 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 0,2 kg

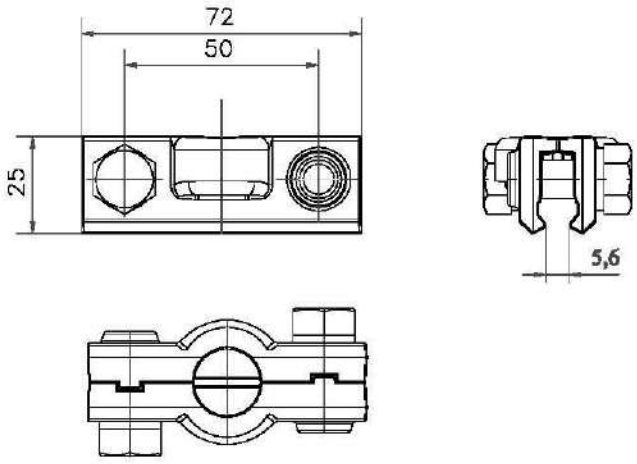


OKRETNA STEZALJKA ZA KONTAKTNI VODIČ
CONTACT WIRE SWIVEL CLIP

64.257.500

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,20 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 0,20 kg

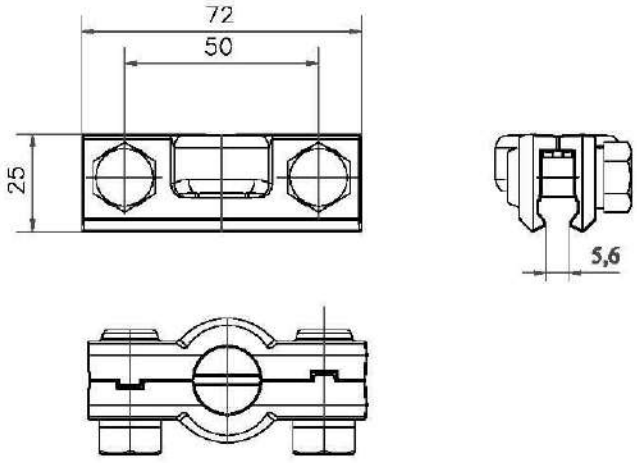


OKRETNA STEZALJKA ZA KONTAKTNI VODIČ
CONTACT WIRE SWIVEL CLIP

64.257.550

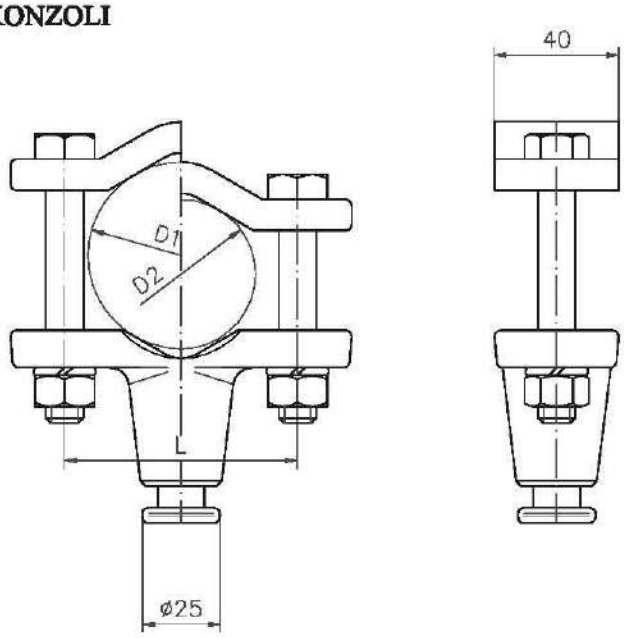
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,20 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 0,20 kg



NOSAČ OKRETNE STEZALJKE NA IZOLATORSKOJ KONZOLI
CLAMP SUPPORT FOR CONTACT WIRE

Materijal: aluminijska bronca, DIN 17656 / 17665
Material : aliminium bronze, DIN 17656 / 17665

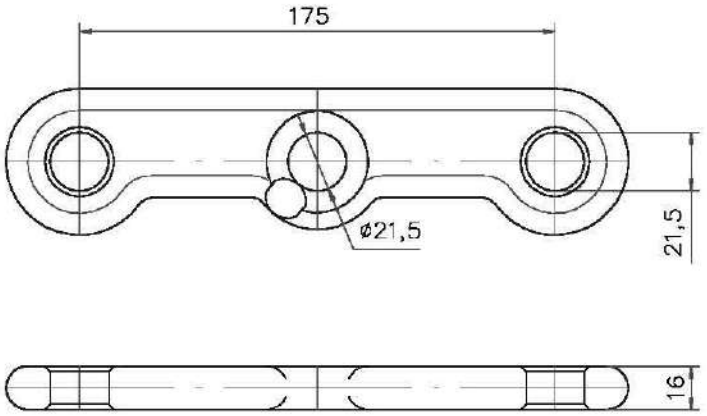


Kat. br. Cat. No.	Dimenzije Dimensions L [mm]	D1	D2	Masa Mass [kg]
64.257.100	75	60	48	1,35
64.257.400	64	42	30	1,25

SPONA IZOLATORA
JOINT OF INSULATORS

64.257.600

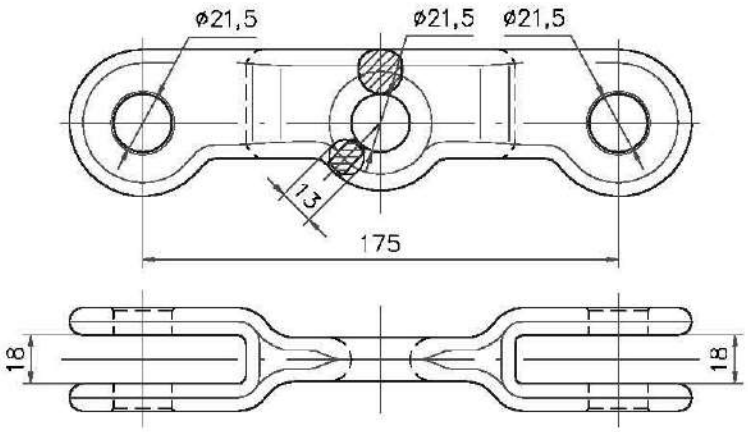
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 1,10 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 1,10 kg



SPONA IZOLATORA
JOINT OF INSULATORS

64.257.650

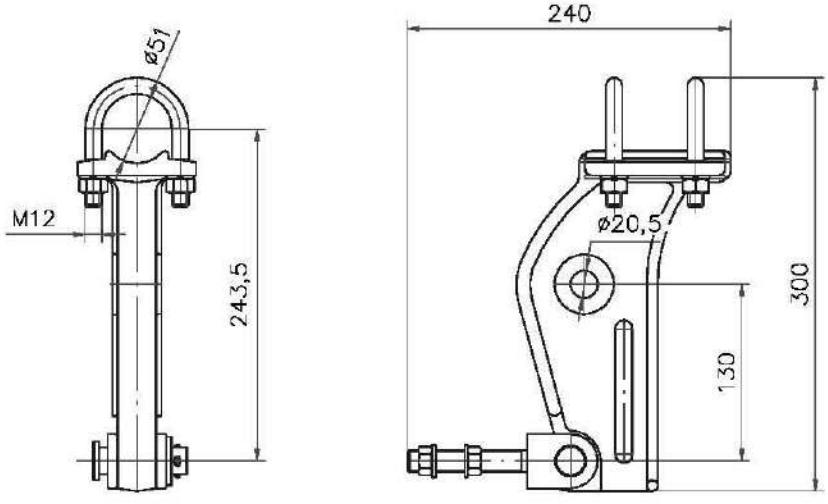
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,30 kg
Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,30 kg



NOSAČ IZOLATORSKE KONZOLE
SUPPORT OF INSULATOR

64.164.600

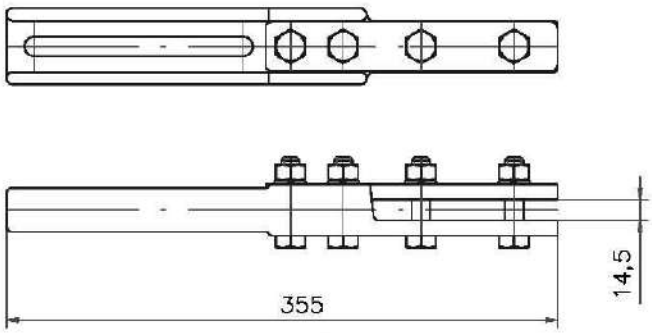
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 5,50 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 5,50 kg



PRODUŽNI NOSAÈ POLIGONATORA
STEADY ARM SUPPORT

64.164.700

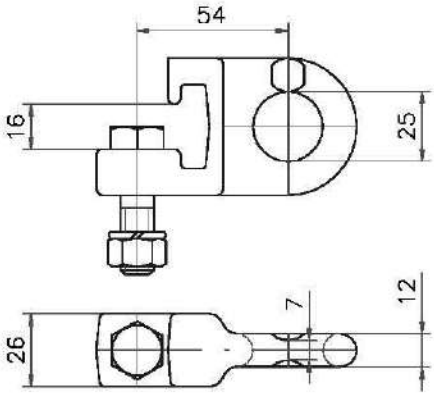
Materijal: èelik DIN 17100, vruæe pocinèan
Masa: 2,60 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 2,60 kg



PRSTEN POLIGONATORA
RING OF STEADY ARM FASTENER

64.164.800

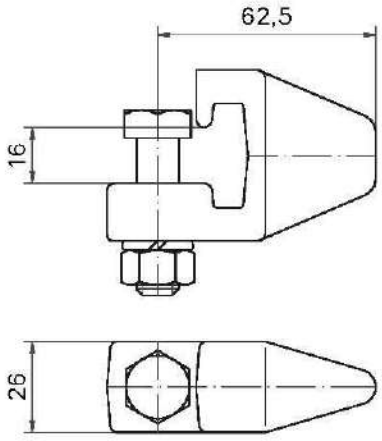
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,3 kg
Material : aliminium bronze, DIN 17656 / 17665
Mass: 0,3 kg



GRANIÈNIK POLIGONATORA
STEADY ARM LIMITOR

64.164.900

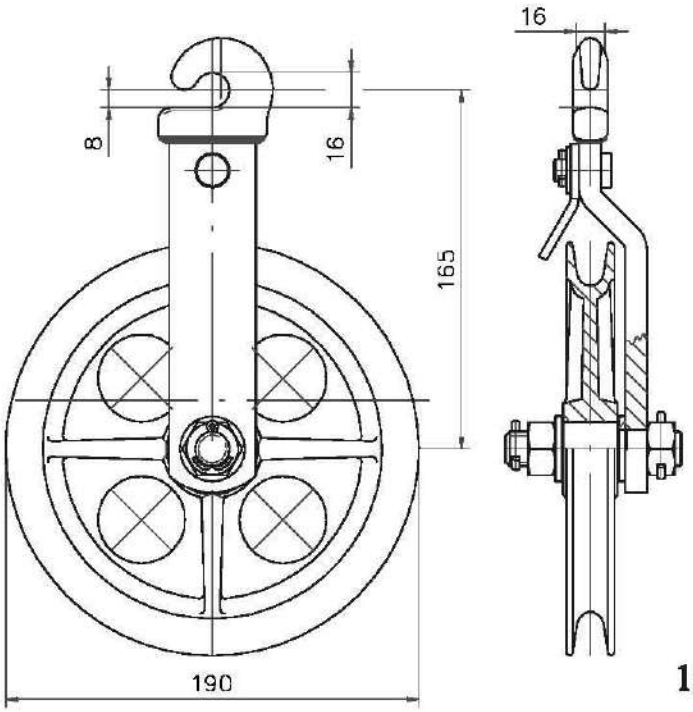
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,33 kg
Material : aliminium bronze, DIN 17656 / 17665
Mass: 0,33 kg



KOTAÈ NOSIVOG UŽETA
RUNNING BLOCK FOR CANTILLEVER CABLE

64.257.700V

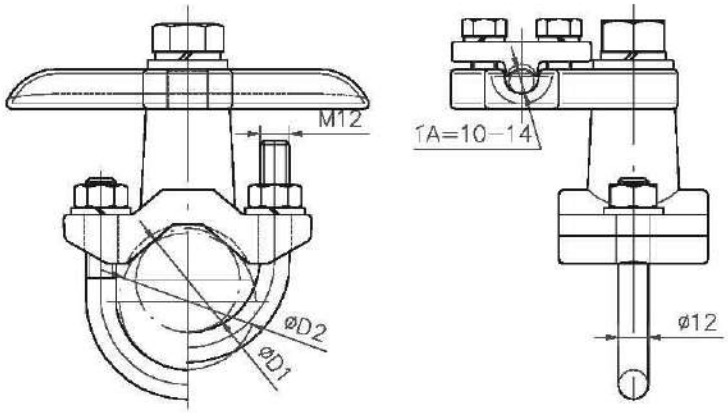
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 3,15kg
Material : aliminium bronze, DIN 17656 / 17665
Mass: 3,15kg



NOSAČ SA STEZALJKOM ZA NU
SUPPORT WITH CLAMP FOR CATENARY CABLE

Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

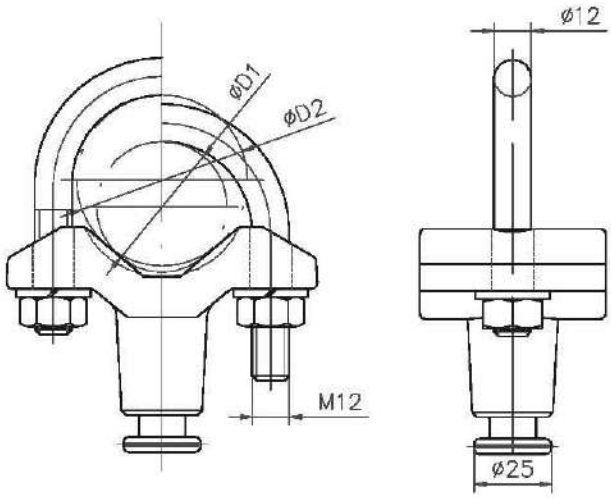
Kat. br. Cat. No.	Dimenzije Dimensions D1 [mm]	D2	Masa Mass [kg]
64.257.800	42	55	1,50
64.257.850	55	70	1,70



NOSAČ STEZALJKE NA KONZOLI
STEADY ARM CLAMP HOLDER

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

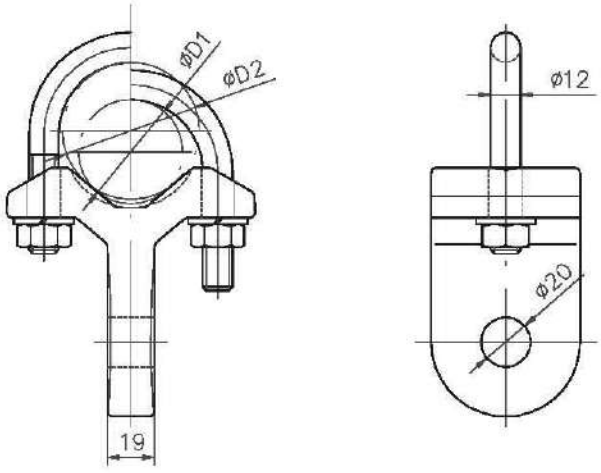
Kat. br. Cat. No.	Dimenzije Dimensions D1 [mm]	D2	Masa Mass [kg]
65.19.100	42	55	1,15
65.19.150	55	70	1,25



STEZALJKA S OČKOM
EYE CLAMPS

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

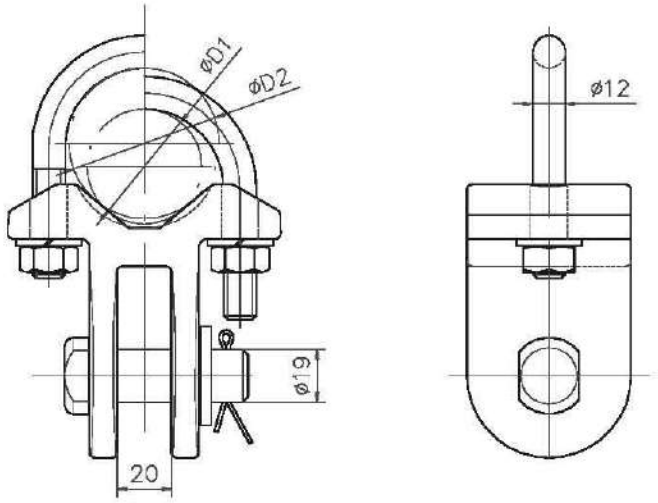
Kat. br. Cat. No.	Dimenzije Dimensions D1 [mm]	D2	Masa Mass [kg]
65.19.300	42	55	1,45
65.19.350	55	70	1,62



STEZALJKA S VILICOM
CLEVIS CLAMP

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

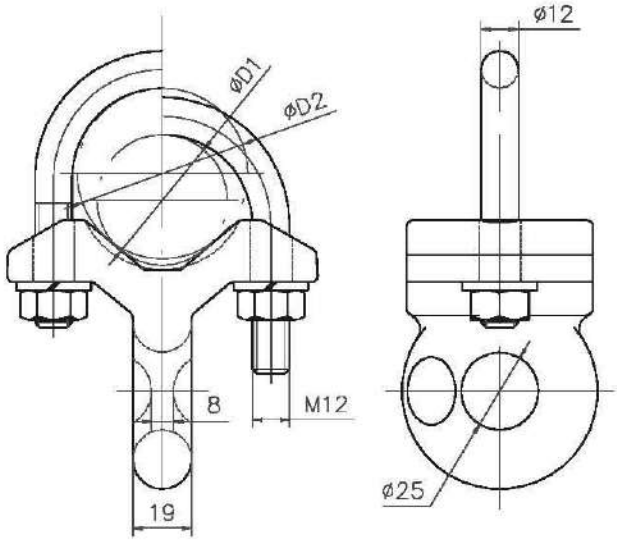
Kat. br. Cat. No.	Dimenzije Dimensions [mm] D1	D2	Masa Mass [kg]
65.20.200	42	55	0,85
65.20.250	55	70	0,93



STEZALJKA S OČKOM ZA KOSNIK KONZOLE
EYE CLAMPS FOR REGISTRATION TUBES

Materijal: aluminijska legura, DIN1725
Material : aluminium alloy, DIN 1725

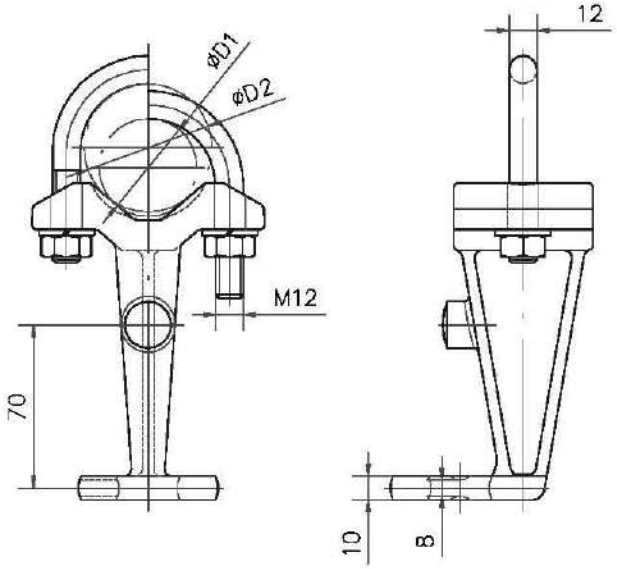
Kat. br. Cat. No.	Dimenzije Dimensions [mm] D1	D2	Masa Mass [kg]
65.19.200	42	55	0,5
65.19.250	55	70	0,55



DRŽAČ POLIGONATORA
DROP BRACKET

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

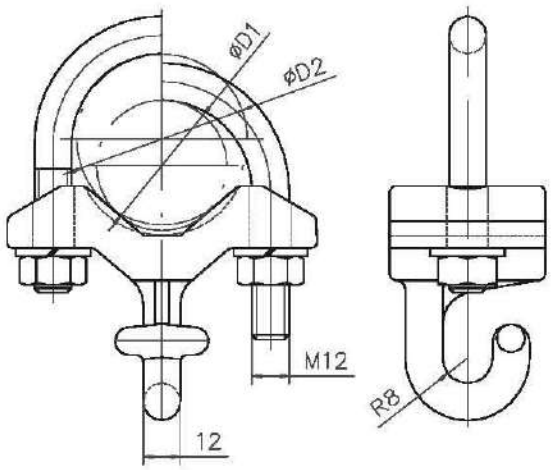
Kat. br. Cat. No.	Dimenzije Dimensions [mm] D1	D2	Masa Mass [kg]
65.19.500	42	55	0,5
65.19.550	55	70	0,55



STEZALJKA S KUKOM
CLAMP WITH HOOK

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

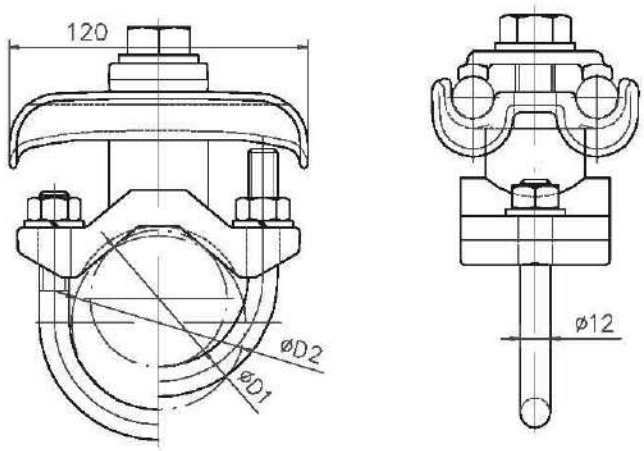
Kat. br. Cat. No.	Dimenzije Dimensions D1 [mm]	D2	Masa Mass [kg]
65.19.600	42	55	0,40
65.19.650	55	70	0,45



STEZALJKA ZA NOSIVO UŽE NA KONZOLI
CATENARY CLAMP

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

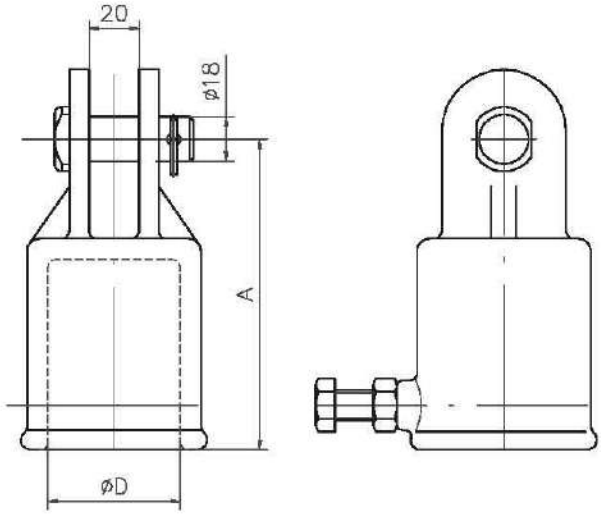
Kat. br. Cat. No.	Dimenzije Dimensions D1 [mm]	D2	Masa Mass [kg]
65.19.700	42	55	1,15
65.19.750	55	70	1,20



STEZALJKA S VILICOM
CLEVIS END FITTING

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

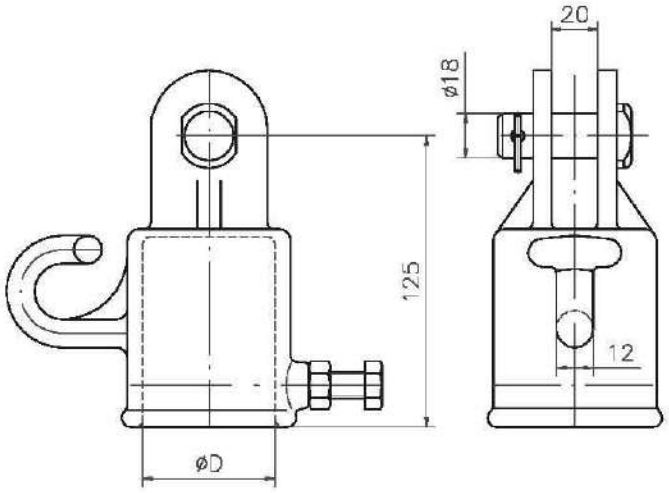
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	A	Masa Mass [kg]
65.19.800A	42	125	0,55
65.19.800B	56	125	0,62
65.19.800C	70	125	0,85



STEZALJKA S VILICOM
CLEVIS END FITTING

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

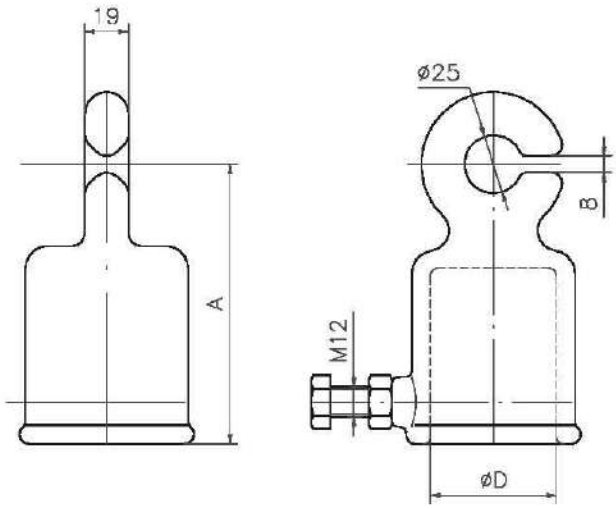
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
65.19.850A	56	0,62
65.19.850B	71	0,85



KUKA ZA CIJEV
HOOK END FITTING

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

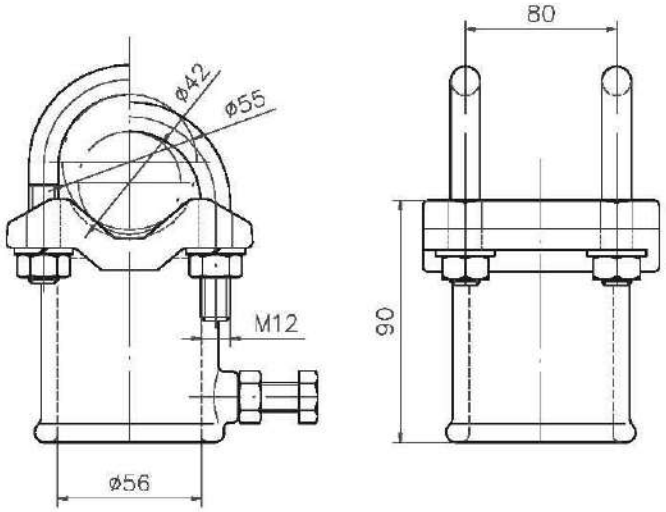
Kat. br. Cat. No.	Dimenzije Dimensions ØD	A [mm]	Masa Mass [kg]
65.19.900A	43	110	0,287
65.19.900B	56	120	0,41



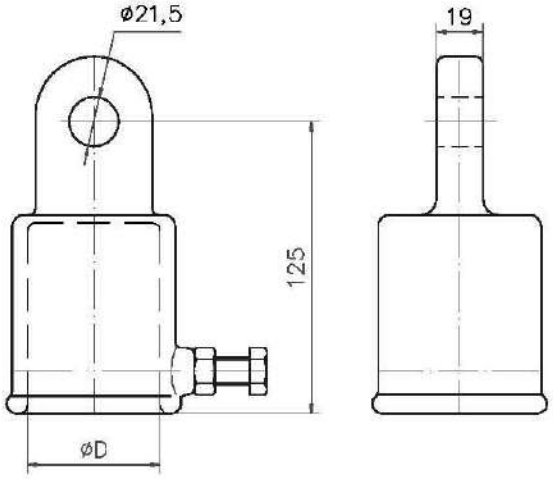
DRŽAČ ZAKRIVLJENOG POLIGONATORA
DROP TUBE HOLDERS FOR CURVED STEADY ARMS

65.20.100

Materijal: aluminijska legura, DIN 1725
Masa: 0,75 kg
Material : aluminium alloy, DIN 1725
Mass: 0,75 kg



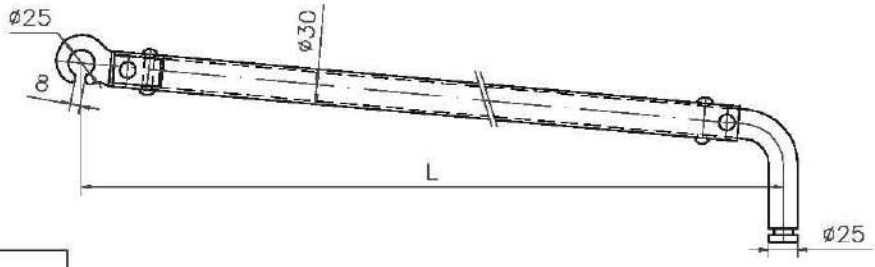
OČKA
EYE END FITTING



Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
65.18.100	43	0,62
65.18.150	56	0,85

POLIGONATOR
STEADY ARM

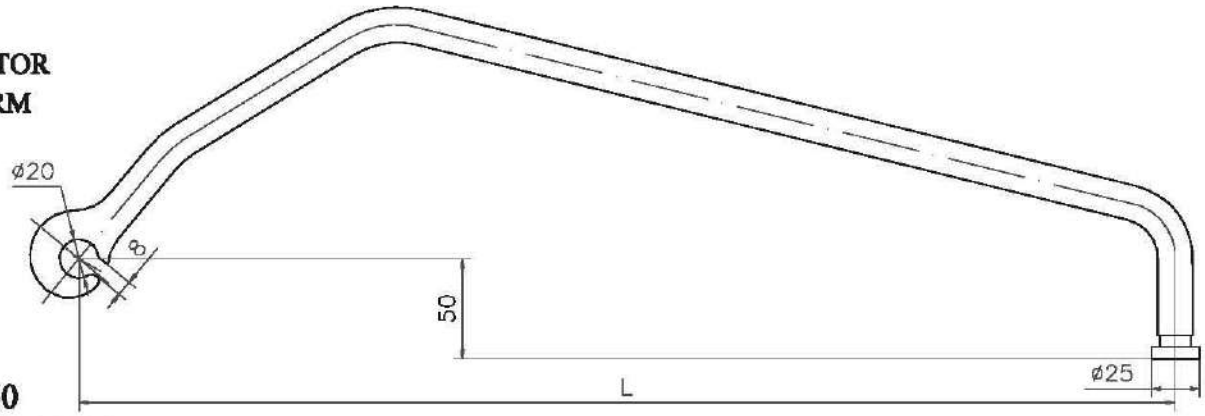


65.31.100

Materijal: čelik, DIN 17100 vruće pocinčano
Material : steel, DIN 17100 hot dip galvanized

Tip / Type	A	B	C
Dužina / Length L [mm]	900	1100	1350
Masa / Mass [kg]	2,75	3,10	3,55

POLIGONATOR
STEADY ARM

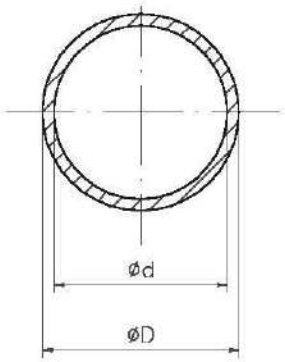


65.31.150

Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

Tip / Type	A	B	C	D
Dužina / Length L [mm]	900	1100	1350	1500
Masa / Mass [kg]	0,45	0,55	0,67	0,75

CIJEVI
TUBES



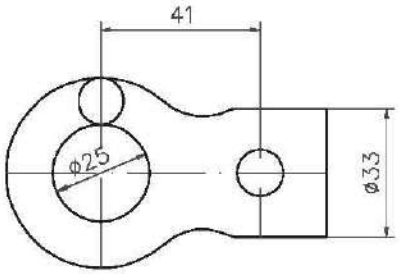
Materijal: aluminijska legura, DIN 1725
Material : aluminium alloy, DIN 1725

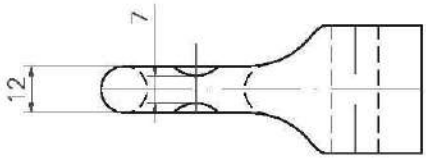
Kat. br. Cat. No.	Dimenzije Dimensions ØD Ød [mm]		Masa Mass [kg/m]
65.10.100	55	43	0,62
65.10.200	70	58	0,85
65.10.300	42	34	0,85

DRŽAČ POLIGONATORA
STEADY ARM FASTENER

65.31.200

Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 0,32 kg
Material : steel, DIN 17100 hot dip galvanized
Mass: 0,32 kg

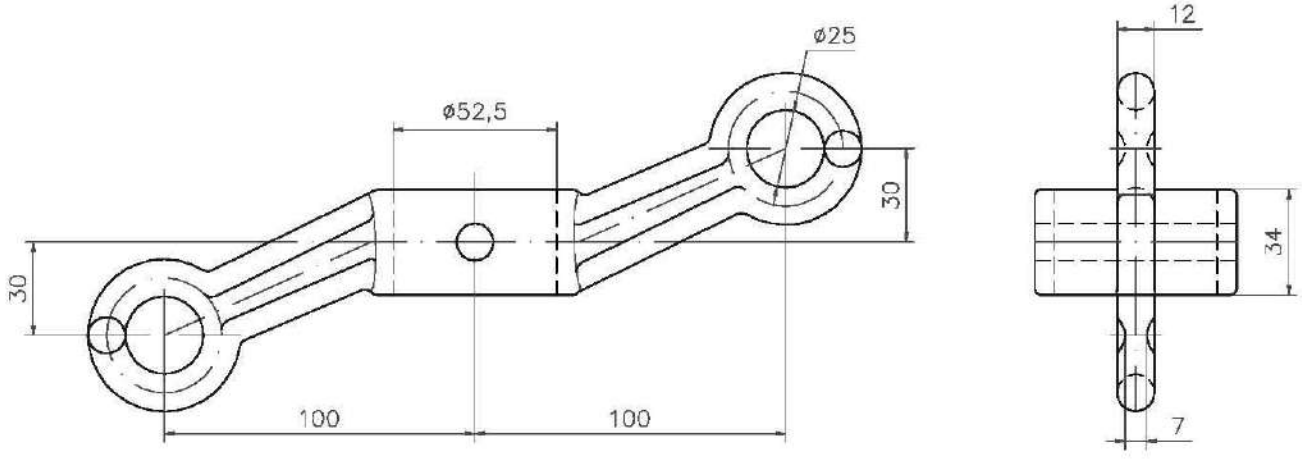




DRŽAČ DVA POLIGONATORA
TWO STEADY ARMS FASTENER

65.31.300

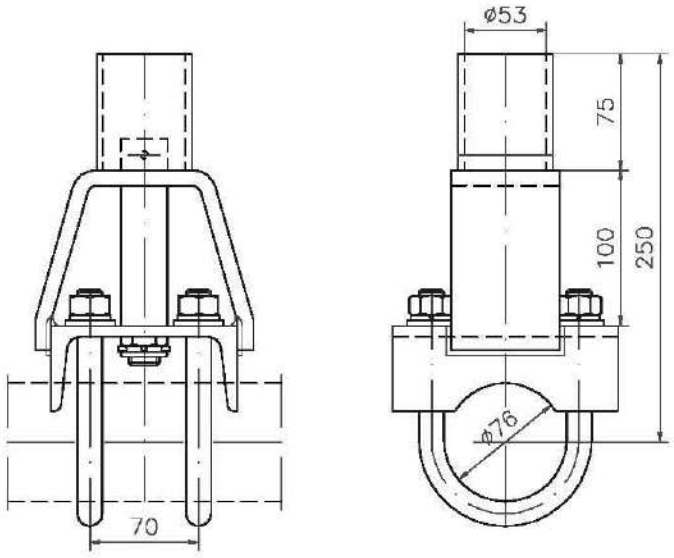
Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 0,75 kg
Material : steel, DIN 17100 hot dip galvanized
Mass: 0,75 kg



NOSAČ IZOLATORA
INSULATOR SUPPORT

65.31.400

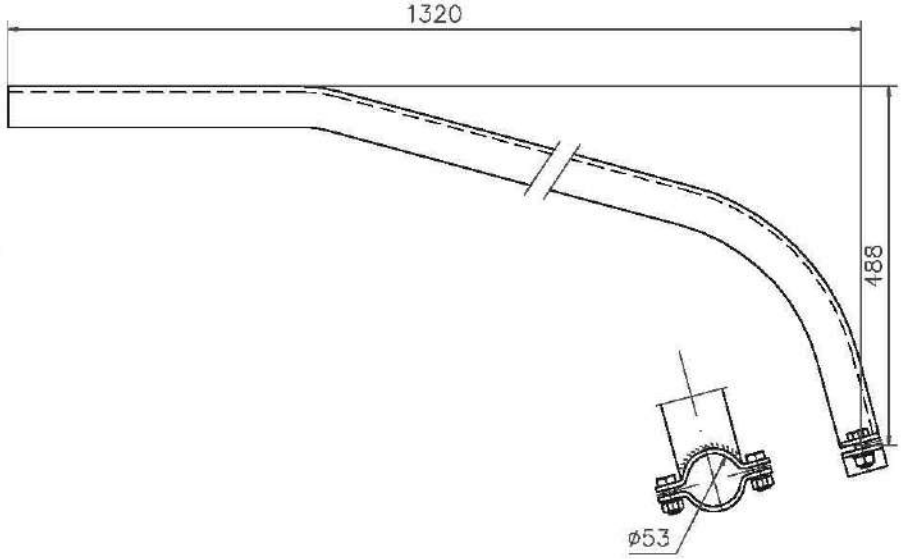
Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 7,15 kg
Material : steel, DIN 17100 hot dip galvanized
Materijal: 7,15 kg



NOSAČ IZOLATORA
INSULATOR SUPPORT

65.31.500

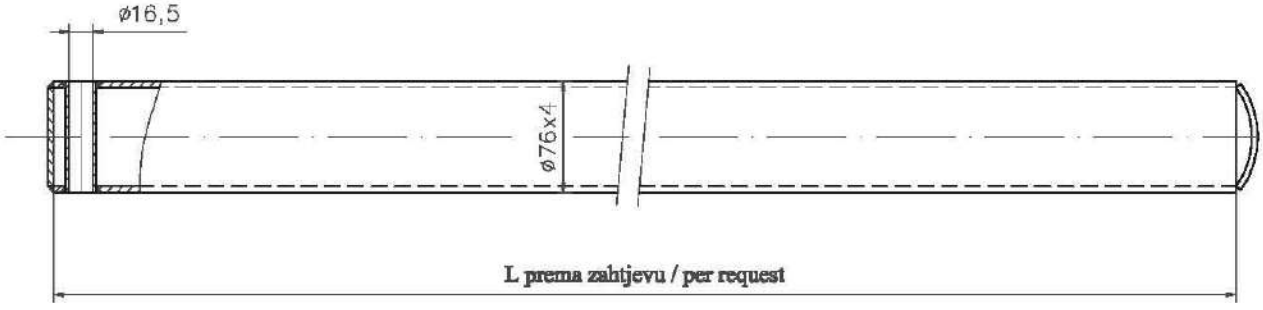
Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 10,50 kg
Material : steel, DIN 17100 hot dip galvanized
Masa: 10,50 kg



CIJEV Ø76
BRACKET

65.31.600

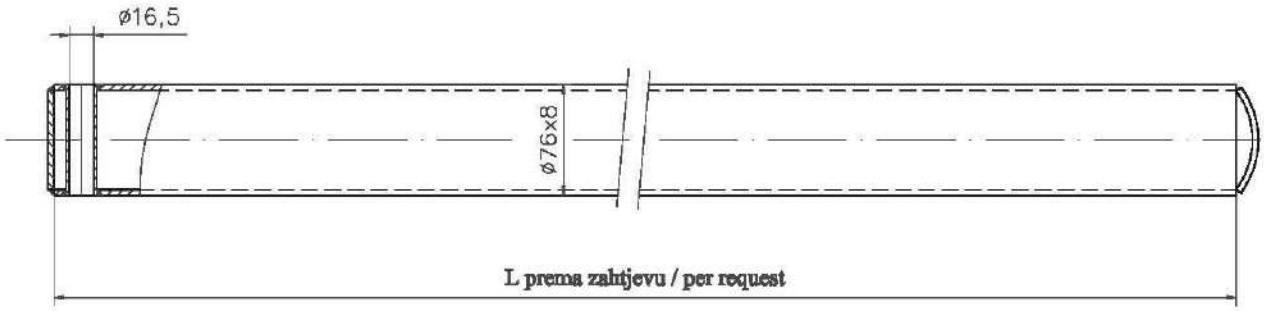
Materijal: čelik, DIN 17100 vruće pocinčano
Material : steel, DIN 17100 hot dip galvanized



CIJEV Ø76
BRACKET

65.31.650

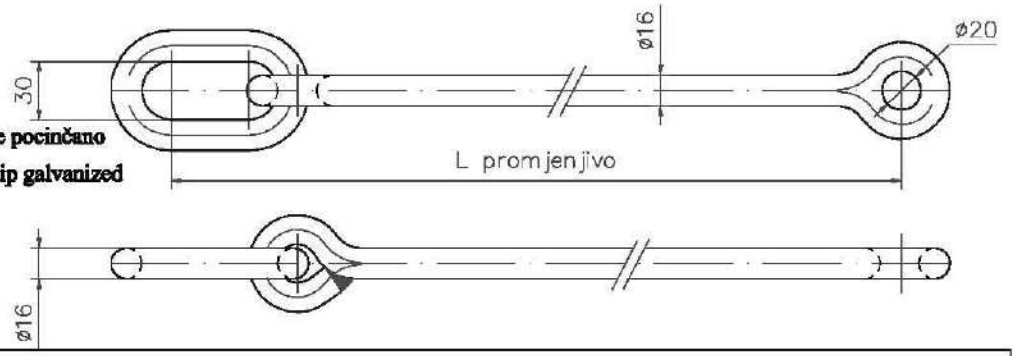
Materijal: čelik, DIN 17100 vruće pocinčano
Material : steel, DIN 17100 hot dip galvanized



ZATEGA KONZOLE
BRACKET STAY ROD

65.31.700

Materijal: čelik, DIN 17100 vruće pocinčano
Material : steel, DIN 17100 hot dip galvanized

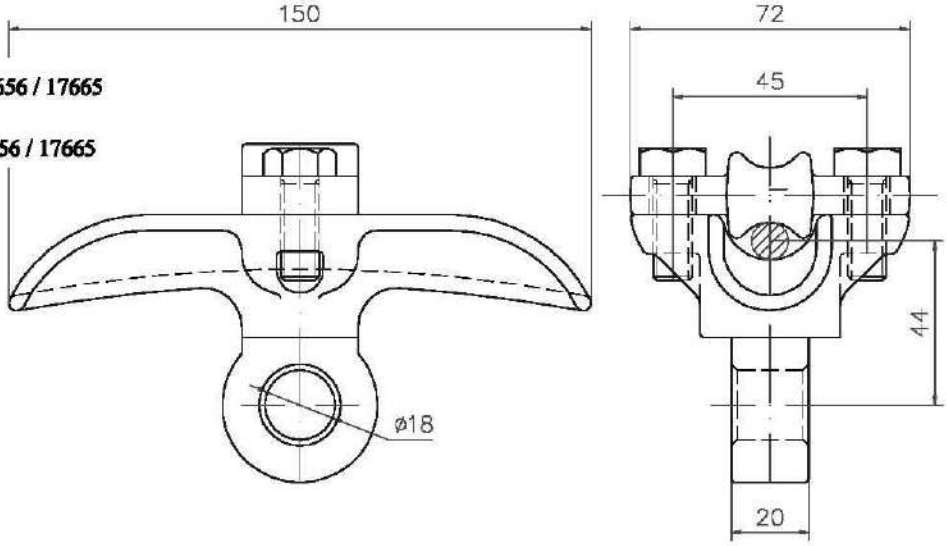


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R
Dužina / Length L [mm]	1600	1800	2000	2400	2500	2600	2700	2500	2700	2800	2900	3000	3200	3300
Masa / Mass [kg]	4,4	5,2	6,0	6,8	7,6	8,4	9,2	10,0	10,8	11,6	12,4	13,2	14,0	14,8

NOSNA STEZALJKA
SUSPENSION CLAMP

65.32.100

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,95 kg
Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,95 kg

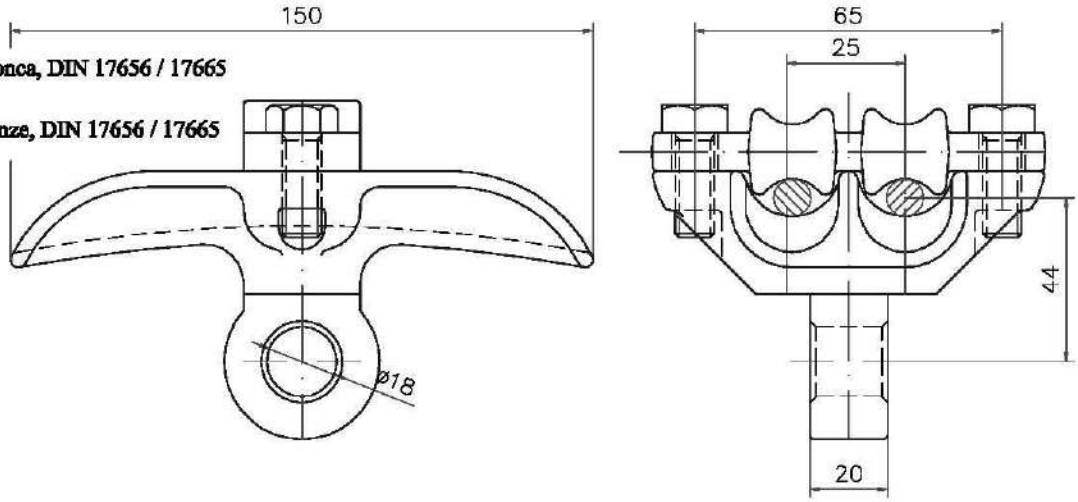


NOSNA STEZALJKA ZA DVA VODIČA
SUSPENSION CLAMP FOR TWO CONDUCTORS

65.32.200

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 2,65 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 2,65 kg

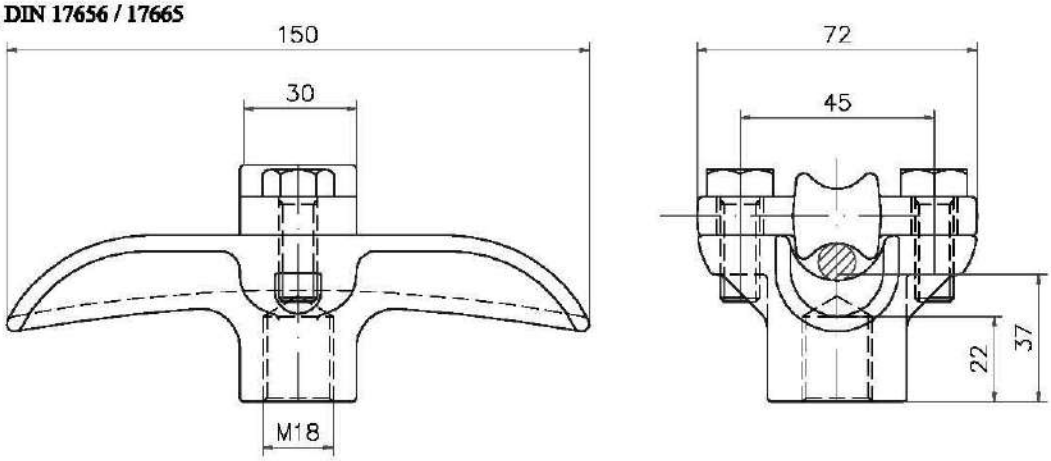


NOSNA STEZALJKA
SUSPENSION CLAMP

65.32.300

Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 1,80 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 1,80 kg

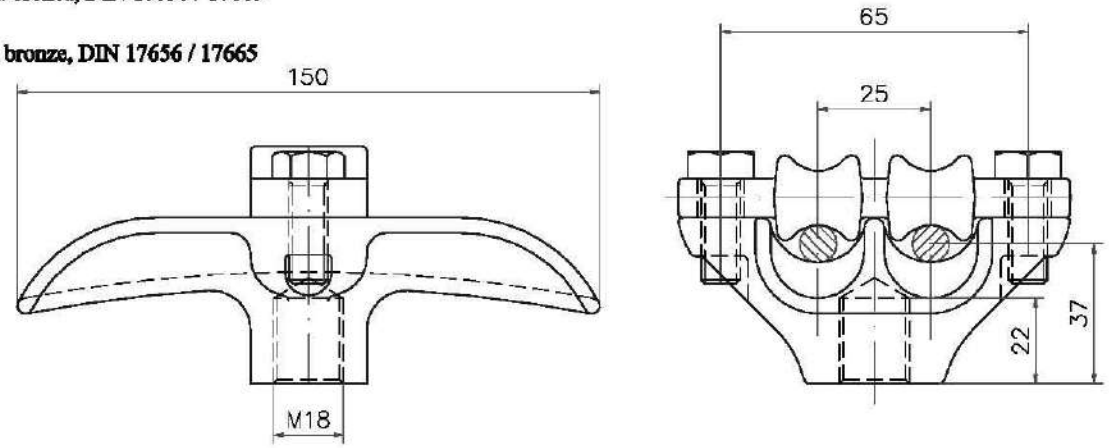


NOSNA STEZALJKA ZA DVA VODIČA
SUSPENSION CLAMP FOR TWO CONDUCTORS

65.32.400

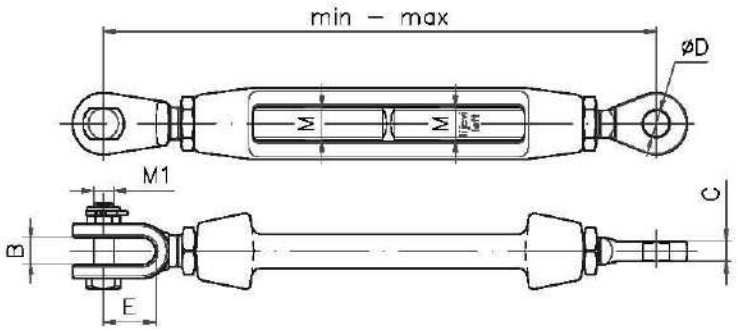
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 2,50 kg

Material : aliminium bronze, DIN 17656 / 17665
Mass: 2,50 kg



ZATEZAČ
TURNBUCKLE

Materijal: čelik, DIN 17100 vruće pocinčano
Material : steel, DIN 17100 hot dip galvanized

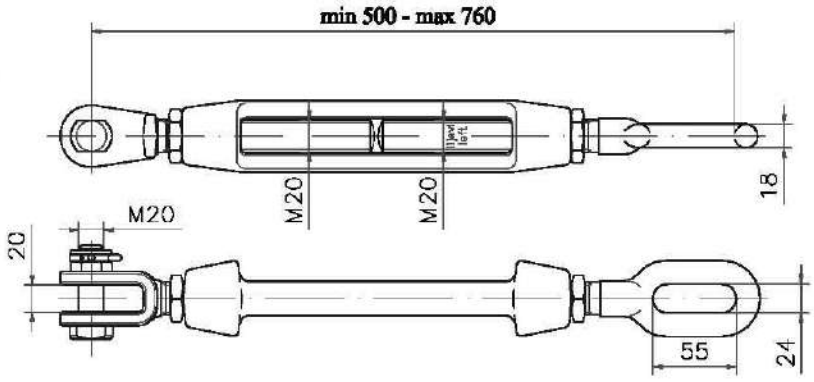


Kat. br. Cat. No.	Dimenzije Dimensions							Masa Mass
	min - max	M	ØD	C	B	E	M1	
	[mm]							[kg]
25.37.011	315 - 425	16	17,5	16	18	35	16	1,90
25.37.013	440 - 670	20	25	18	20	40	20	3,50

ZATEZAČ
TURNBUCKLE

25.32.024

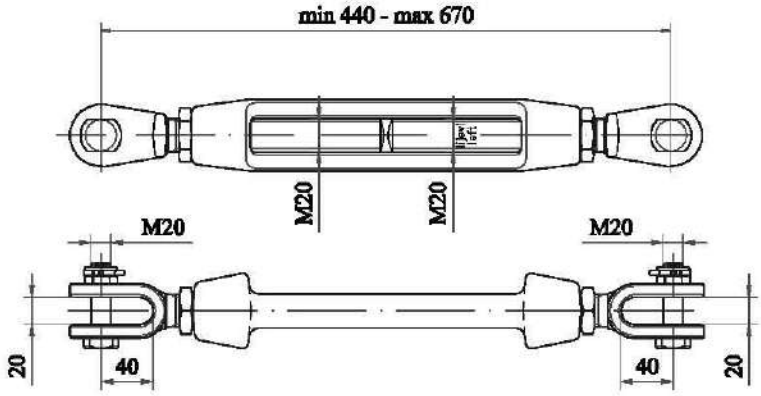
Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 3,60 kg
Material : steel, DIN 17100 hot dip galvanized
Mass: 3,60 kg



ZATEZAČ
TURNBUCKLE

25.35.044

Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 3,55 kg
Material : steel, DIN 17100 hot dip galvanized
Mass: 3,55 kg



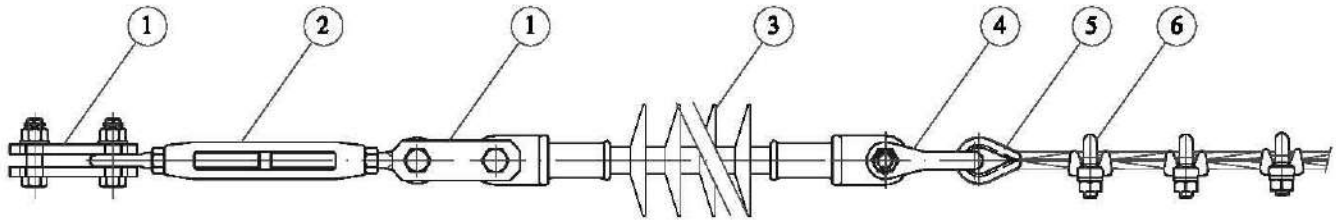
4 OPREMA ZA ZATEZANJE

TENSION ACCESSORIES

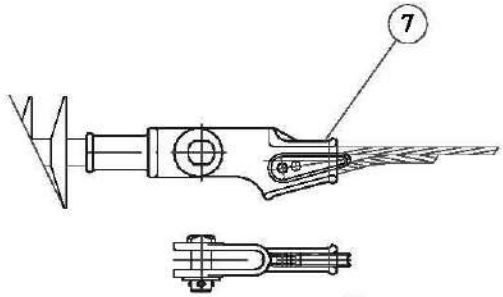
ČVRSTO ZATEZANJE NOSIVOG UŽETA
TENSION EQUIPMENT FOR CATENARY WIRE

64.003.001

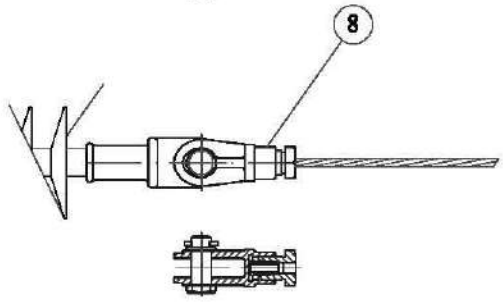
Tip 1



Tip 2



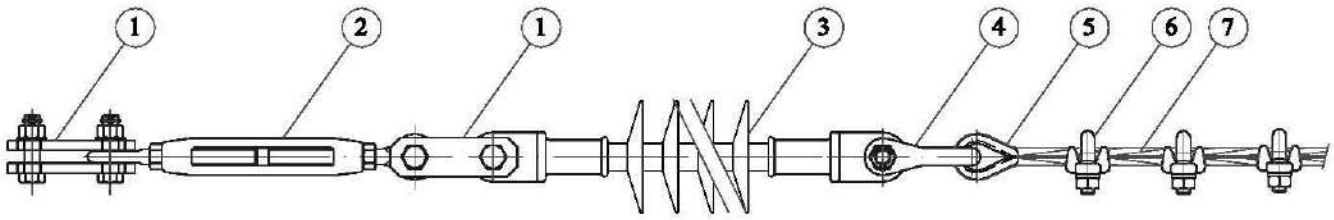
Tip 3



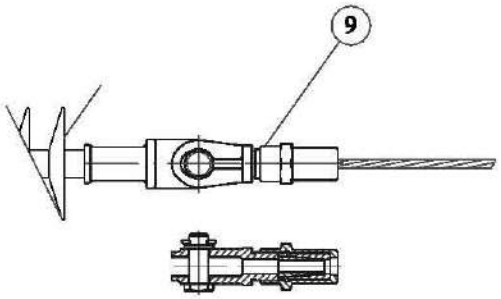
Poz Item	Kom/Pcs Tip/Type 01	02	03	Naziv sklopa Description	Kat.br. Cat.No.
1	2	2	2	Produžnik / Extension link	64.300.500
2	1	1	1	Zatezač / Turnbuckle	64.300.600
3	1	1	1	Izolator / Insulator	64.300.400
4	1	/	/	Škopac/ Shackle	64.300.300
5	1	/	/	Uška alke za uže 10-10,5 / Thimble 10-10,5	64.300.200
6	3	/	/	Stezaljka s U-vijkom za užad Ø10-12 mm / U-bolt clamp for cable Ø10-12 mm	64.300.100
7	/	1	/	Završna stezaljka / Tension clamp Ø9 - Ø12	65.30.350
8	/	/	1	Završna stezaljka za nosivo uže / Tension clamp for catenary cable	64.502.450

ČVRSTO ZATEZANJE KONTAKTNOG VODIČA
TENSION EQUIPMENT FOR CONTACT WIRE

64.003.002



Tip 2

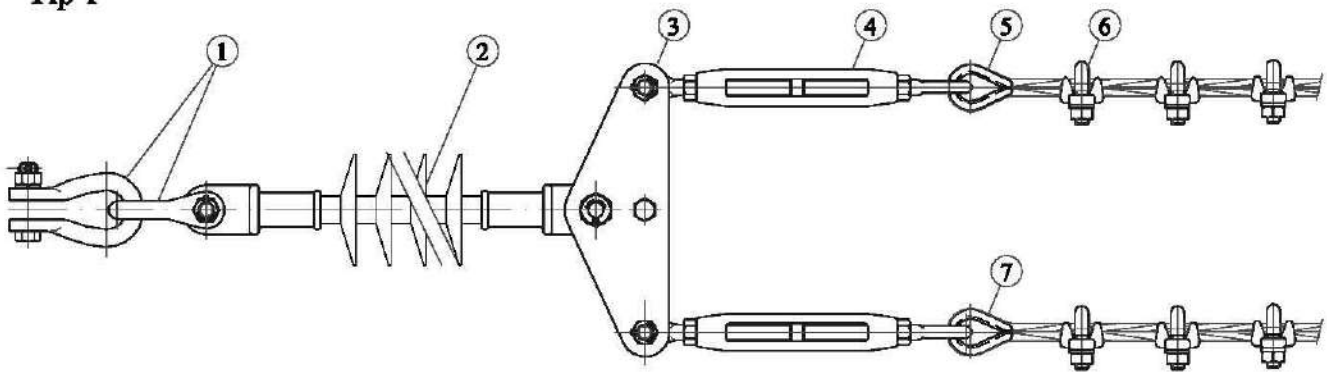


Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	2	2	Produžnik / Extension link	64.300.500
2	1	1	Zatezač / Turnbuckle	64.300.600
3	1	1	Izolator / Insulator	64.300.400
4	1	/	Škopac/ Shackle	64.300.300
5	1	/	Uška alke za uže Ø11,8 / Thimble	64.300.700
6	3	/	Stezaljka s U-vijkom za užad Ø10-Ø12 mm / U-bolt clamp for cable Ø10-Ø12 mm	64.300.100
7	/	1	Završna stezaljka za kontaktni vodić / Tension clamp for contact wire	64.502.550

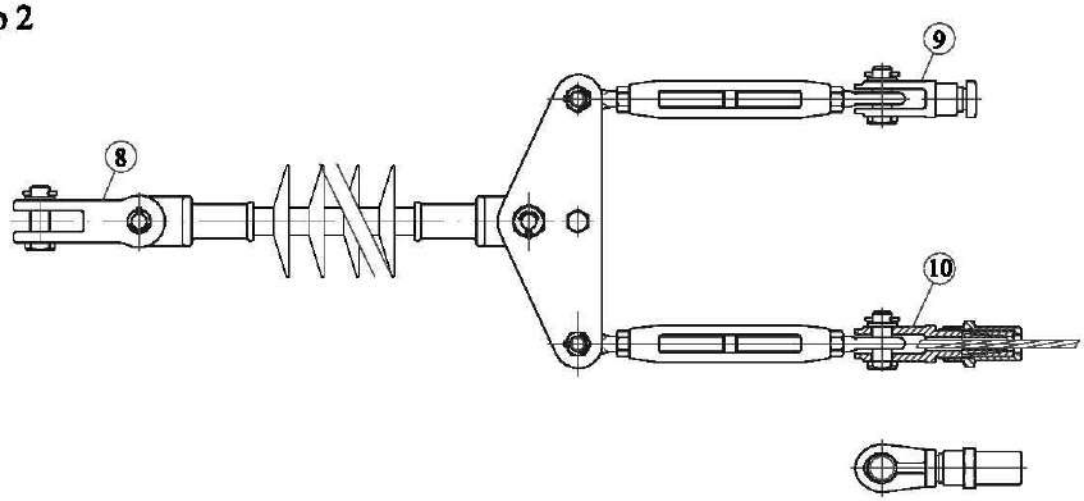
ČVRSTO ZATEZANJE VOZNOG VODA KOMPENZIRANE KONTAKTNE MREŽE
TENSION EQUIPMENT

64.003.003

Tip 1



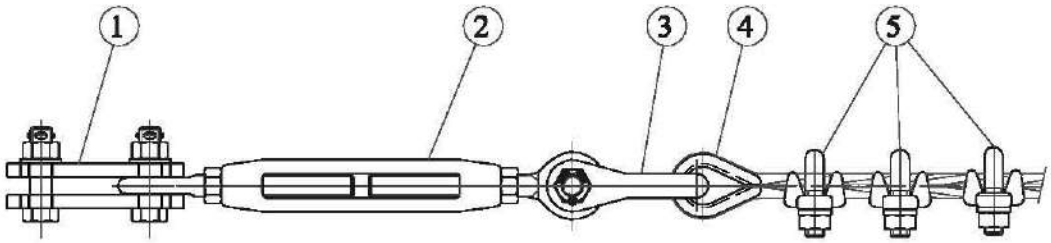
Tip 2



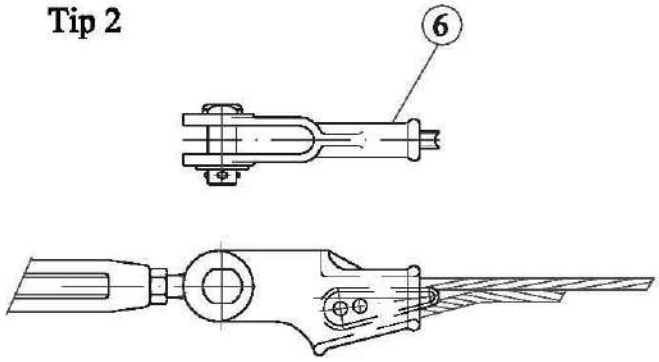
Poz Item	Kom/Pcs Tip/Type 01 02	Naziv sklopa Description	Kat.br. Cat.No.
1	2 /	Škopac/ Shackle	64.300.300
2	1 1	Izolator / Insulator	64.300.900
3	1 1	Odstojnik / Yoke	64.300.800
4	2 2	Zatezač / Turnbuckle	64.300.600
5	1 /	Uška alke za uže Ø10-10,5 / Thimble Ø10-10,5	64.300.700
6	6 /	Stezaljka s U-vijkom za užad Ø10-Ø12 mm / U-bolt clamp for cable Ø10-Ø12 mm	64.300.100
7	1 /	Uška alke za uže Ø11,8 / ThimbleØ11,8	64.300.200
8	/ 1	Dvostruka zaokrenuta vilica / Double clevis	64.350.300
9	/ 1	Završna stezaljka za nosivo uže / Tension clamp for catenary wire	64.502.450
10	/ 1	Završna stezaljka za kontaktni vodić / Tension clamp for contact wire	64.502.550

ČVRSTO ZATEZANJE NOSIVOG UŽETA BEZ IZOLATORA
FIXED TERMINATION OF CATENARY CABLE WITHOUT INSULATOR

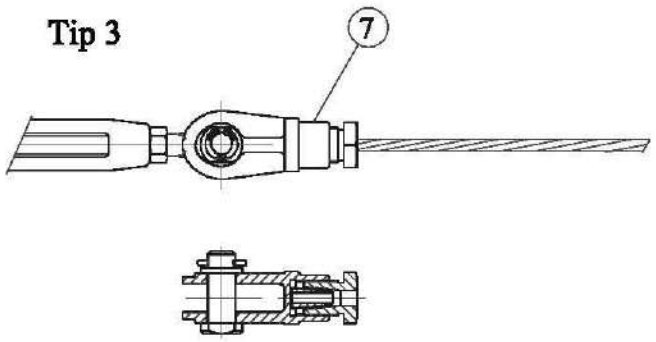
64.003.008



Tip 2



Tip 3

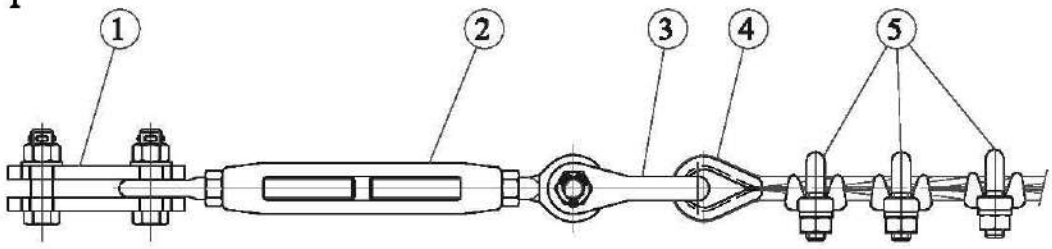


Poz Item	Kom/Pcs Tip/Type 01 02 03	Naziv sklopa Description	Kat.br. Cat.No.
1	1 1 1	Produžnik / Extension link	64.300.500
2	1 1 1	Zatezač / Turnbuckle	64.300.600
3	1 / /	Škopac/ Shackle	64.300.300
4	1 / /	Uška alke za uže Ø10-10,5 / Thimble Ø10-10,5	64.300.200
5	3 / /	Stezaljka s U-vijkom za užad Ø5-7 mm / U-bolt clamp for cable Ø5-7 mm	64.300.100
6	1 1 1	Završna stezaljka / Tension clamp Ø9 - Ø12	64.502.450
7	/ 1 /	Završna stezaljka za nosivo uže / Tension clamp for catenary cable	64.502.450

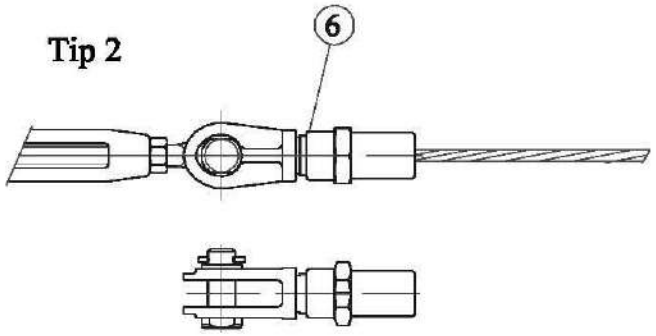
ČVRSTO ZATEZANJE KONTAKTNOG VODIČA BEZ IZOLATORA
FIXED TERMINATION OF CONTACT WIRE WITHOUT INSULATOR

64.003.009

Tip 1



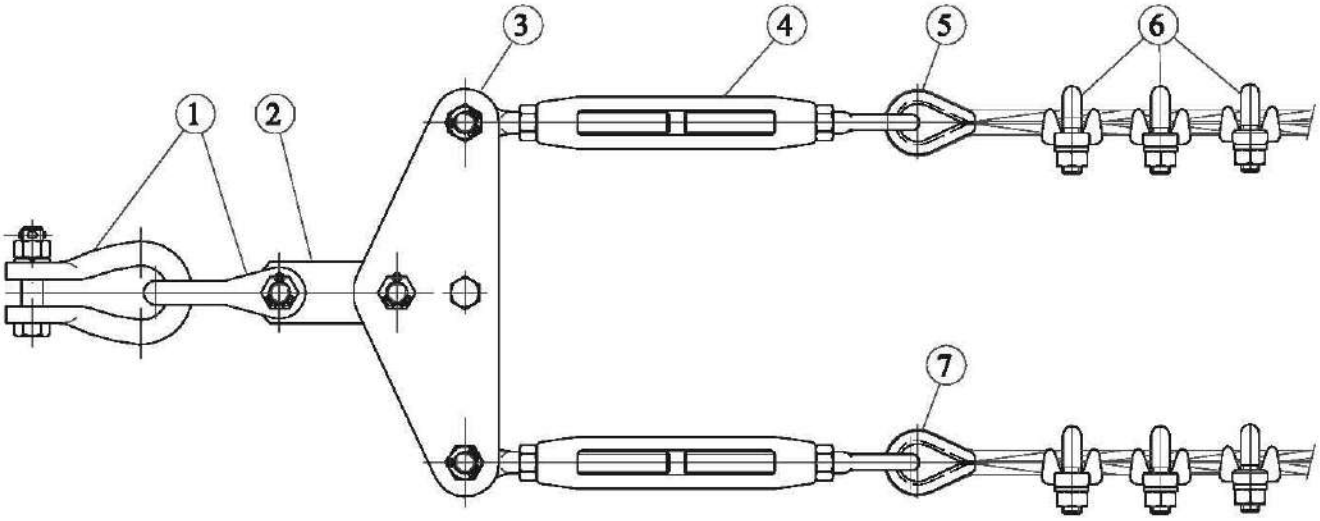
Tip 2



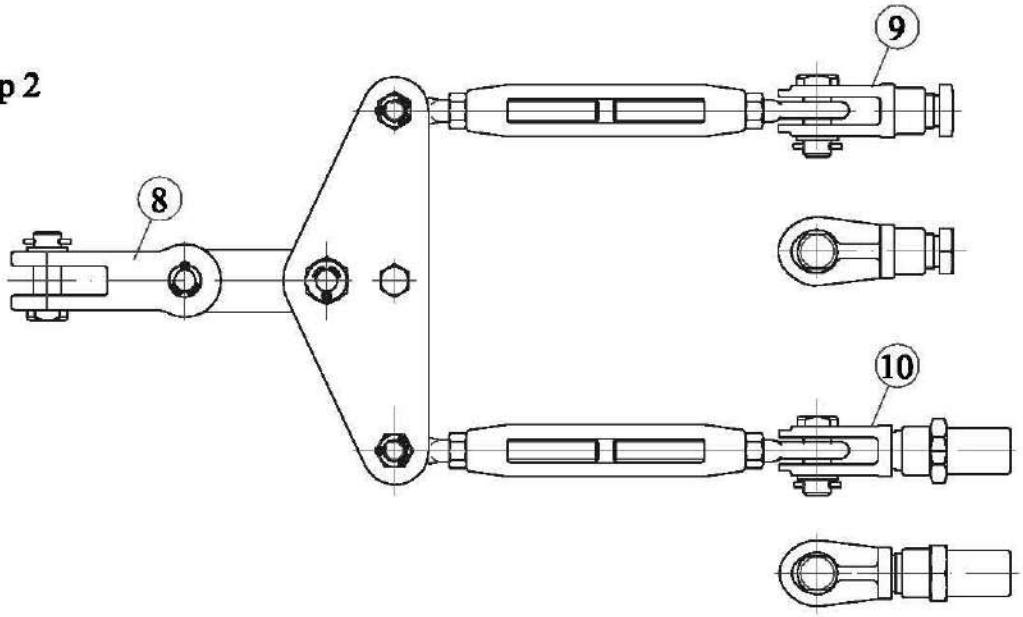
Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Produžnik / Extension link	64.300.500
2	1	1	Zatezač / Turnbuckle	64.300.600
3	1	/	Škopac/ Shackle	64.300.300
4	1	/	Uška alke za uže / Thimble	64.300.700
5	3	/	Stezaljka s U-vijkom za užad Ø10-12 mm / U-bolt clamp for cable Ø10-12 mm	64.300.100
6	/	1	Završna stezaljka za kontaktni vodič / Tension clamp for contact wire	64.502.550

ČVRSTO ZATEZANJE VOZNOG VODA BEZ IZOLATORA
FIXED TERMINATION WITHOUT INSULATOR

64.003.010



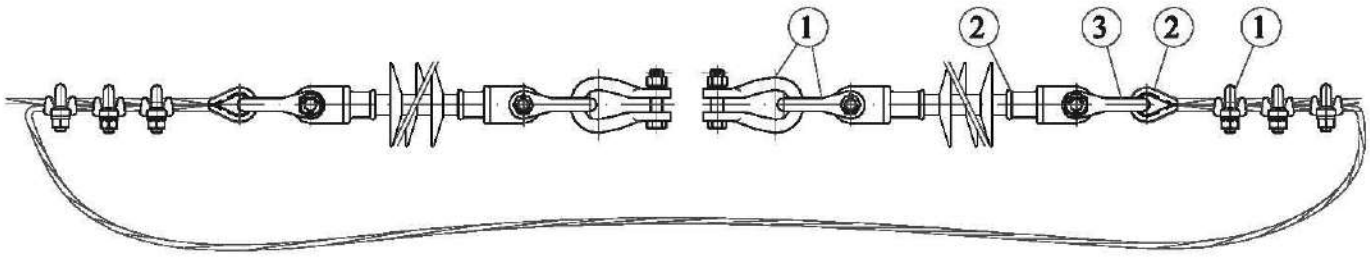
Tip 2



Poz Item	Kom/Pcs Tip/Type 01	02	Naziv sklopa Description	Kat.br. Cat.No.
1	2	/	Škopac/ Shackle	64.300.300
2	1	1	Produžnik / Extension link	64.302.900
3	1	1	Odstojnik / Yoke	64.300.800
4	2	2	Zatezač / Turnbuckle	64.300.600
5	1	/	Uška alke za uže Ø11,8 / Thimble	64.300.700
6	6	/	Stezaljka s U-vijkom za užad Ø10-Ø12 mm / U-bolt clamp for cable Ø10-Ø12 mm	64.300.100
7	1	/	Uška alke za uže Ø10,5 / Thimble	64.300.200
8	/	1	Dvostruka zaokrenuta vilica / Double clevis	64.350.300
9	/	1	Završna stezaljka za nosivo uže / Tension clamp for catenary wire	64.502.450
10	/	1	Završna stezaljka za kontaktni vodić / Tension clamp for contact wire	64.502.550

ZATEZANJE NOSIVOG UŽETA U ČVRSTOJ TOČKI NA KRUTOM PORTALU
FIXED TERMINATION OF CATENARY CABLE ON RIGID PORTAL

64.003.021

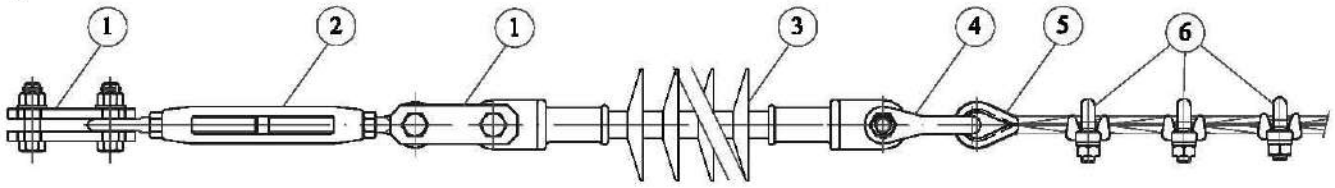


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	4	Škopac/ Shackle	64.300.300
2	2	Zatezni izolator / Tension insulator	64.300.400
3	1	Uška alke za uže Ø10,5 / Thimble	64.300.200
4	2	Stezaljka s U-vijkom za užad Ø10-Ø12 mm / U-bolt clamp for cable Ø10-Ø12 mm	64.300.100

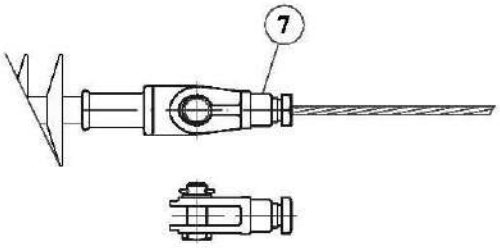
ZATEZANJE OBILAZNOG VODA
TENSION EQUIPMENT FOR BYPASS

64.003.071

Tip 1



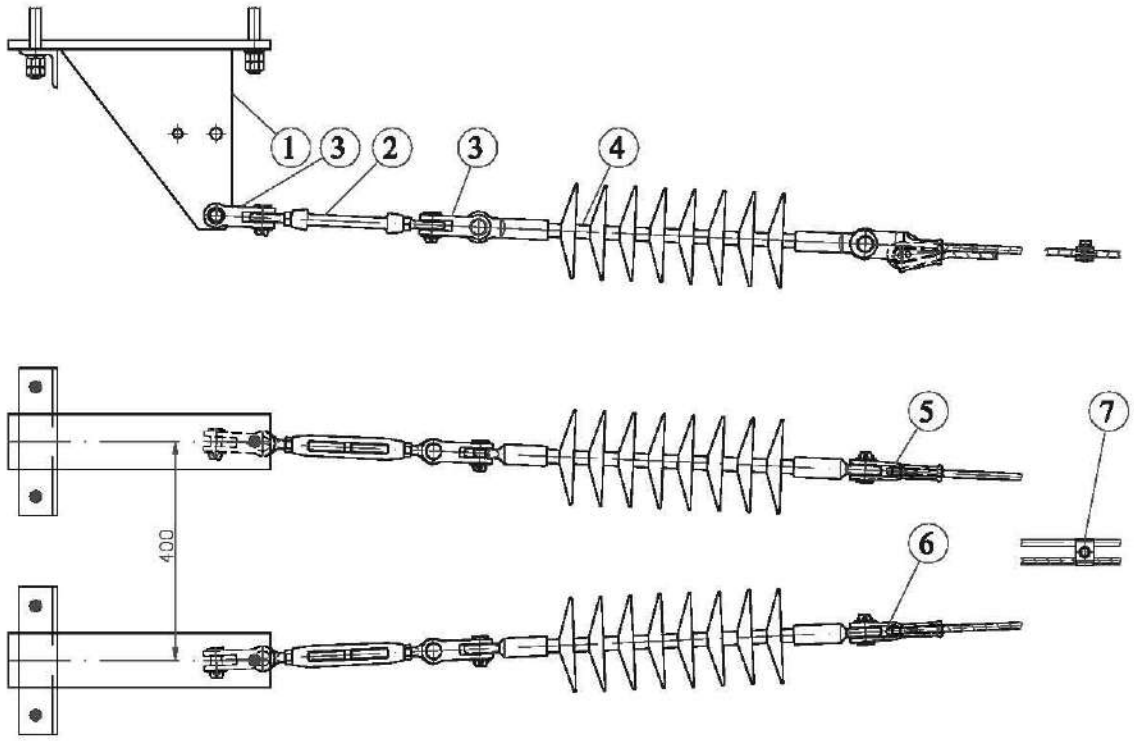
Tip 2



Poz Item	Kom/Pcs Tip/Type 01	 02	Naziv sklopa Description	Kat.br. Cat.No.
1	2	2	Produžnik / Extension link	64.300.500
2	1	1	Zatezač / Turnbuckle	64.302.000
3	1	1	Izolator / Insulator	64.300.900
4	1	/	Škopac/ Shackle	64.300.300
5	1	/	Uška alke za uže Ø16 / Thimblefor cable Ø16	64.301.900
6	3	/	Stezaljka s U-vijkom za užad Ø13-Ø16 mm / U-bolt clamp for cable Ø13-Ø16 mm	64.301.800
7	/	1	Završna stezaljka za obilazni vod / Tension clamp for bypass cable	64.502.650

ČVRSTO ZATEZANJE VOZNOG VODA U TUNELU
NORMALNOG I SMANJENOG PROFILA
TENSION EQUIPMENT IN TUNEL

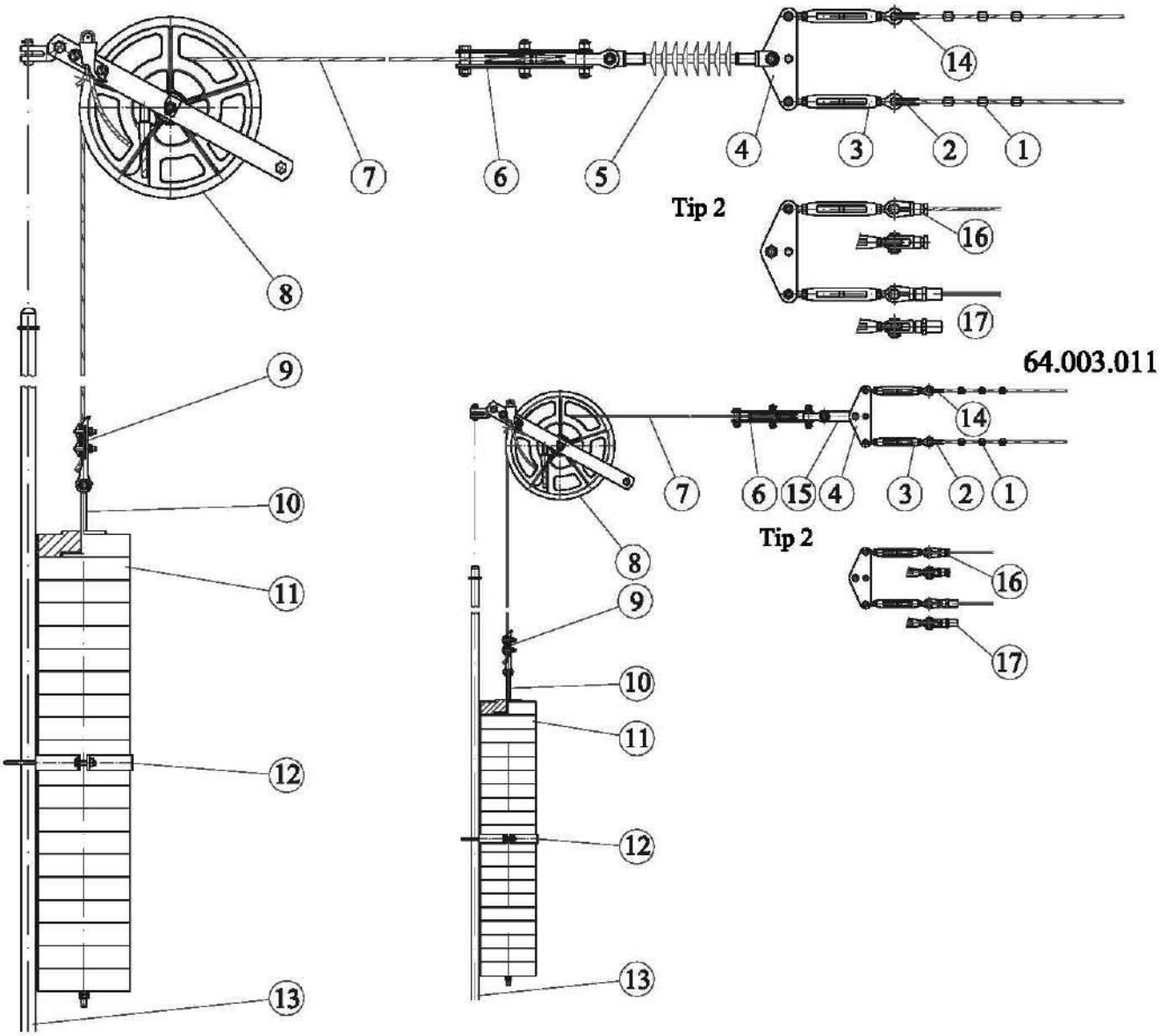
64.001.575



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Pričvrsnik čvrstog zatezanja u tunelu /	64.165.700
2	2	Zatezač M16/ Turnbuckle M16	64.350.600
3	4	Dvostruka zaokrenuta vilica / Double clevis	64.350.300
4	2	Zatezni izolator / Tension insulator	64.350.100
5	1	Završna stezaljka 12/ Tension clamp 12	65.30.350
6	1	Završna stezaljka 10/ Tension clamp 10	65.30.350
7	1	Univerzalna stezaljka NU - KV / Parallel groove clamp for C.W - C.C	64.550.100

AUTOMATSKO ZATEZANJE VOZNOG VODA
CONTACT WIRE AND CATENARY REGULATED TERMINATION

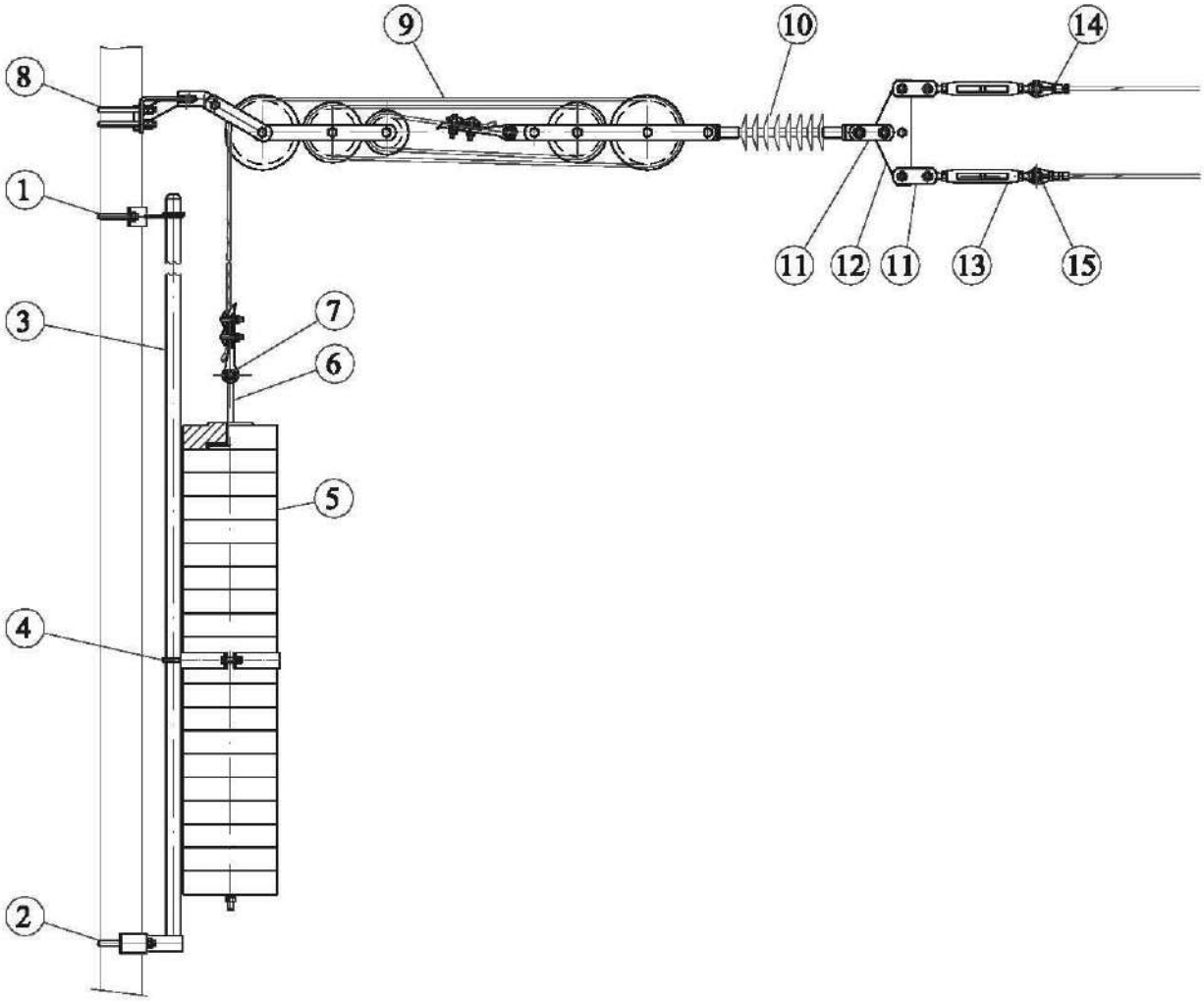
64.003.004



Poz Item	Kom Pcs 004	tip2	011	tip2	Naziv sklopa Description	Kat.br. Cat.No.
1	6	/	6	/	Stezaljka s "U" vijkom / "U" bolt clamp for cable	64.300.100
2	1	/	1	/	Uška alke za uže / Thimbles	64.300.700
3	2	2	2	2	Zatezač / Top tie turnbuckle	64.300.600
4	1	1	1	1	Kompenzaciona ploča / Yoke	64.300.800
5	1	1	/	/	Zatezni izolator / Tension insulator	64.300.900
6	1	1	1	1	Kolotura uređaja za automatsko zatezanje voznog voda / Pully assembly	64.301.000A
7	1	1	1	1	Uže Ø10 uređaja za automatsko zatezanje / Catenary wire for automatic tensioning	64.302.400
8	1	1	1	1	Diferencijalna kolotura uređaja za automatsko zatezanje / Regulating equipment	64.301.100A
9	1	1	1	1	Stezaljka s "U" vijcima / "U" bolt type tension clamp	64.301.200
10	1	1	1	1	Vijak s očkom za vješanje utega / Bolt with eye for counterweights attachment	64.301.300
11	20	20	20	20	Uteg / Counterweight	64.301.400
12	1	1	1	1	Obujmica za vođenje utega / Guide ring	64.301.500
13	1	1	1	1	Vodilica utega / Weight guide	64.301.600
14	1	/	1	/	Uška alke za uže / Thimbles	64.300.200
15	/	/	1	1	Produžnik / Extension link	64.302.900
16	/	1	/	1	Završna stezaljka za nosivo uže / Tension clamp for catenary cable	64.502.450
17	/	1	/	1	Završna stezaljka za kontaktni vodič / Tension clamp for contact cable	64.502.550

AUTOMATSKO ZATEZANJE VOZNOG VODA
CONTACT WIRE AND CATENARY REGULATED TERMINATION

64.003.004A

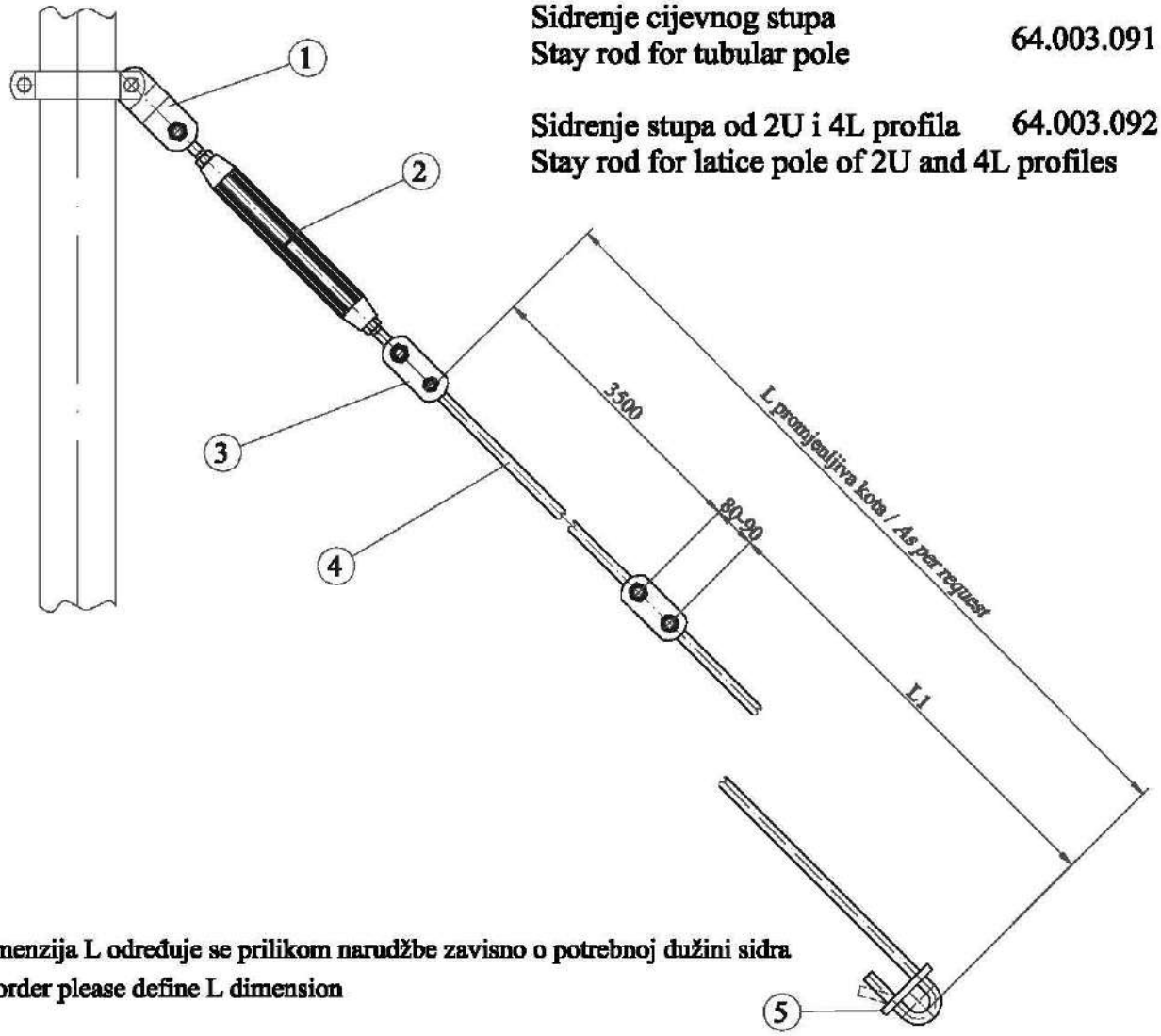


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Gornji prič vrsnik vodilice utega za cijevni stup / Upper fastener for weight tube	43.64.012
2	1	Donji pričvrsnik vodilice utega za cijevni stup / Bottom fastener for weight tube	43.64.013
3	1	Vodilica utega / Weight guide	43.64.175.2
4	1	Obujmica za vođenje utega / Guide ring	64.301.500
5	1	Uteg / Counterweight	64.301.400
6	1	Vijak s očkom za vješanje utega / Bolt with eye for counterweights attachment	43.64.174
7	1	Stezaljka s "U" vijcima / "U" bolt type tension clamp	64.302.100
8	1	Pričvrsnik automatskog zatezanja / Fastener for automatic tensioner	43.64.171
9	1	Koloturnik komplet / Running block atachment	64.301.050
10	1	Izolator / Insulator	
11	3	Dvostruka spona / Extension link	64.303.600
12	1	Kompenzaciona ploča / Yoke	43.64.173.2
13	2	Zatezač / Top tie turnbuckle	43.64.190
14	1	Završna stezaljka za nosivo uže / Tension clamp for catenary cable	64.502.450
15	1	Završna stezaljka za kontaktni vodič / Tension clamp for contact cable	64.502.550

SIDRENJE STUPA
STAY ROD

Sidrenje cijevnog stupa
Stay rod for tubular pole 64.003.091

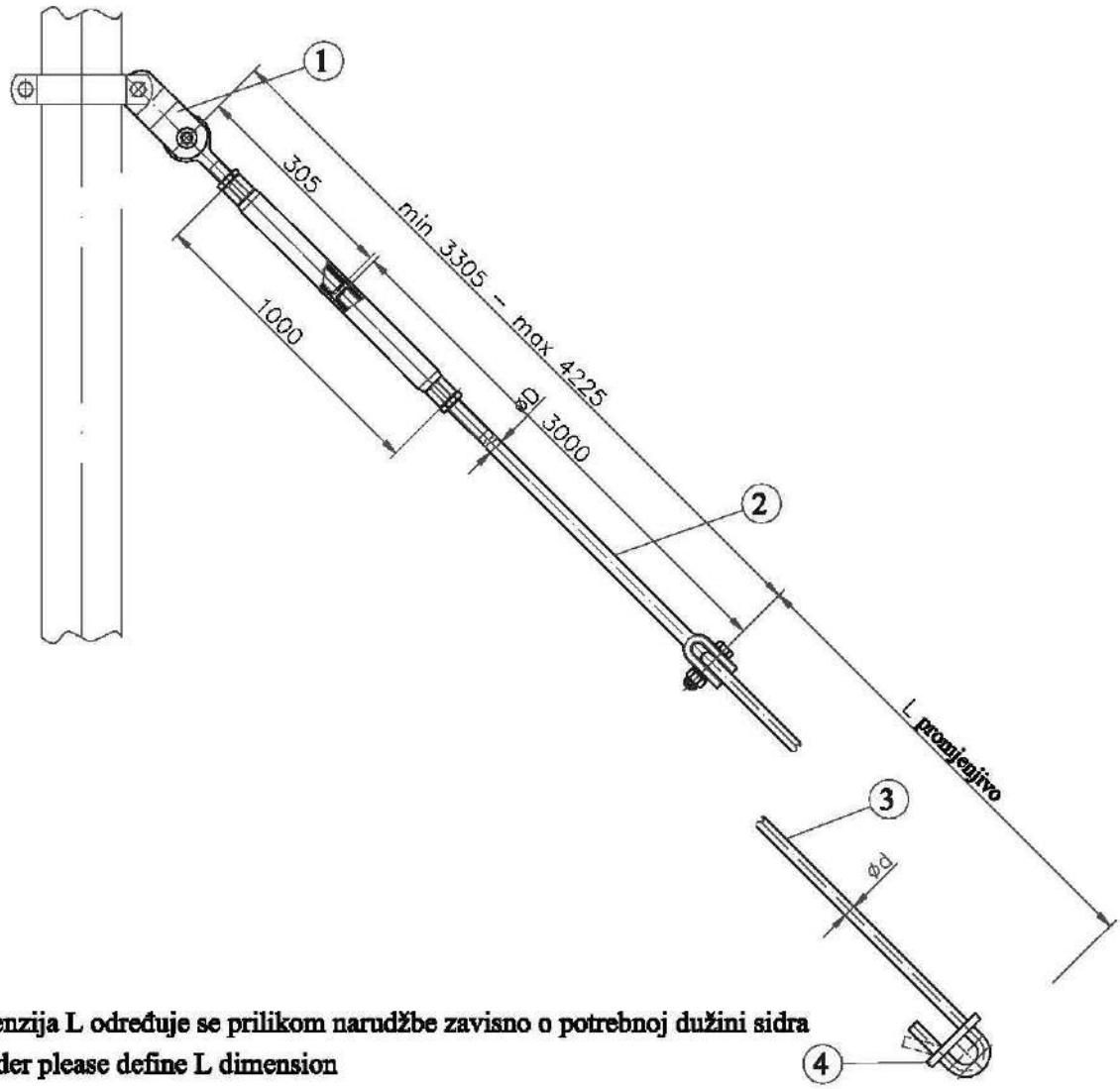
Sidrenje stupa od 2U i 4L profila 64.003.092
Stay rod for latice pole of 2U and 4L profiles



Dimenzija L određuje se prilikom narudžbe zavisno o potrebnoj dužini sidra
In order please define L dimension

Poz Item	Kom/Pcs Tip/Type 18	20	24	Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	0	Produžnik / Extension link	64.303.100
	0	0	1		64.303.200
2	1	1	0	Zatezač / Turnbuckle	64.300.300
	0	0	1		64.300.400
3	1	0	0	Produžnik sidra / Extension link	64.303.500
	0	1	0		64.303.600
	0	0	1		64.303.700
4	1	0	0	Sidro / Stay rod	64.303.800M
	0	1	0		64.303.900M
	0	0	1		64.304.000M
5	1	1	1	Pločica / Plate	64.304.100

SIDRENJE STUPA
STAY ROD



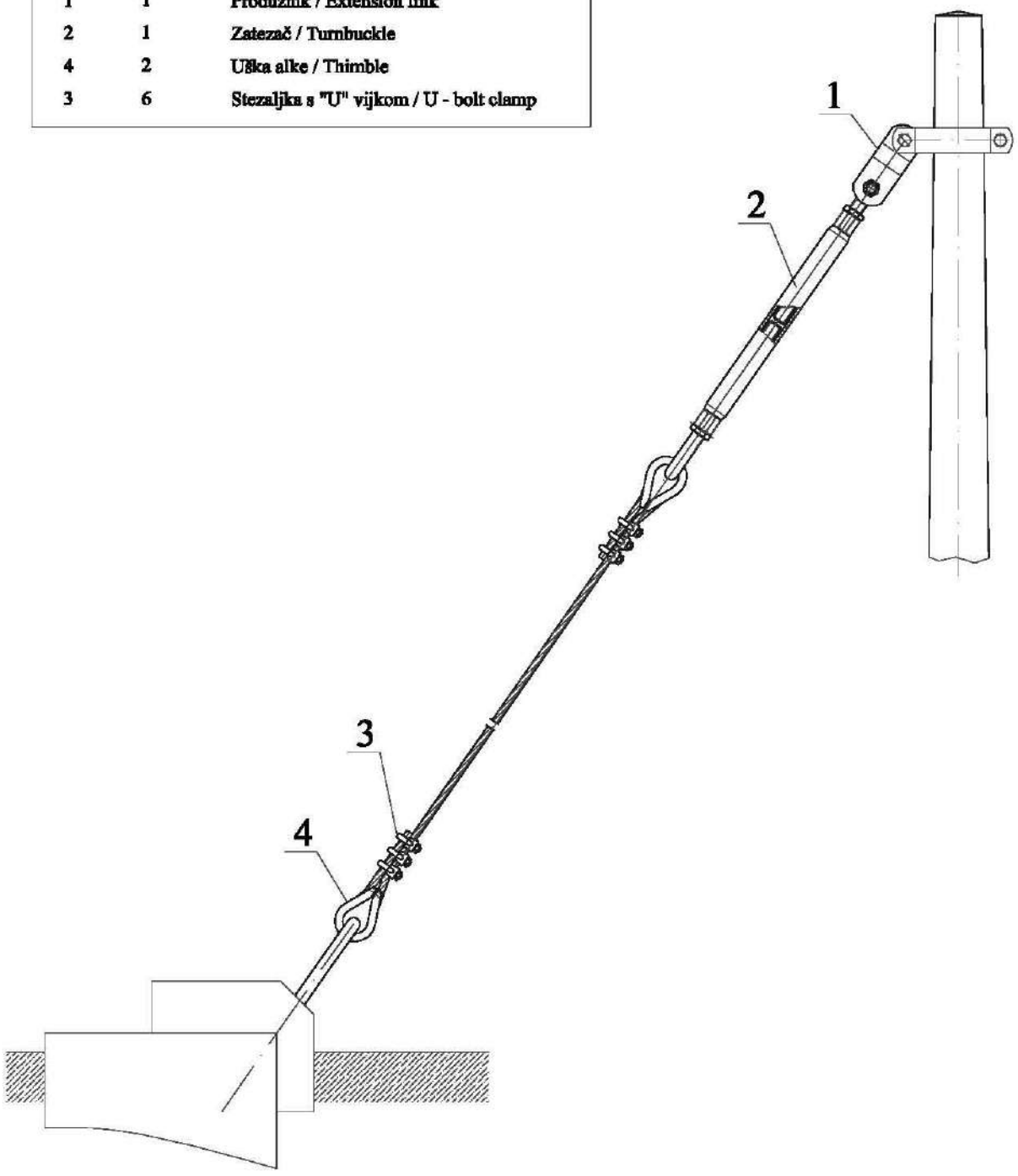
Dimenzija L određuje se prilikom narudžbe zavisno o potrebnoj dužini sidra
In order please define L dimension

Poz. Item	Naziv sklopa Description	Tip Type	Kat.br. Cat.No.	Kom Pcs
1	Produžnik / Extension link	18 / 20	64.303.100	1
		24	64.303.200	1
2	Zatezač / Turnbuckle	18 / 20	43.85.125	1
		24	43.85.126	1
3	Sidro / Stay rod	18	64.303.850	1
		20	64.303.950	1
		24	64.304.050	1
4	Pločica / Plate	18 / 20 / 24	64.304.100	1

OPREMA ZA ZATEZANJE ILI SIDRENJE STUPOVA
EQUIPMENT FOR PULLING OR ANCHORING POLES

64.003.091B

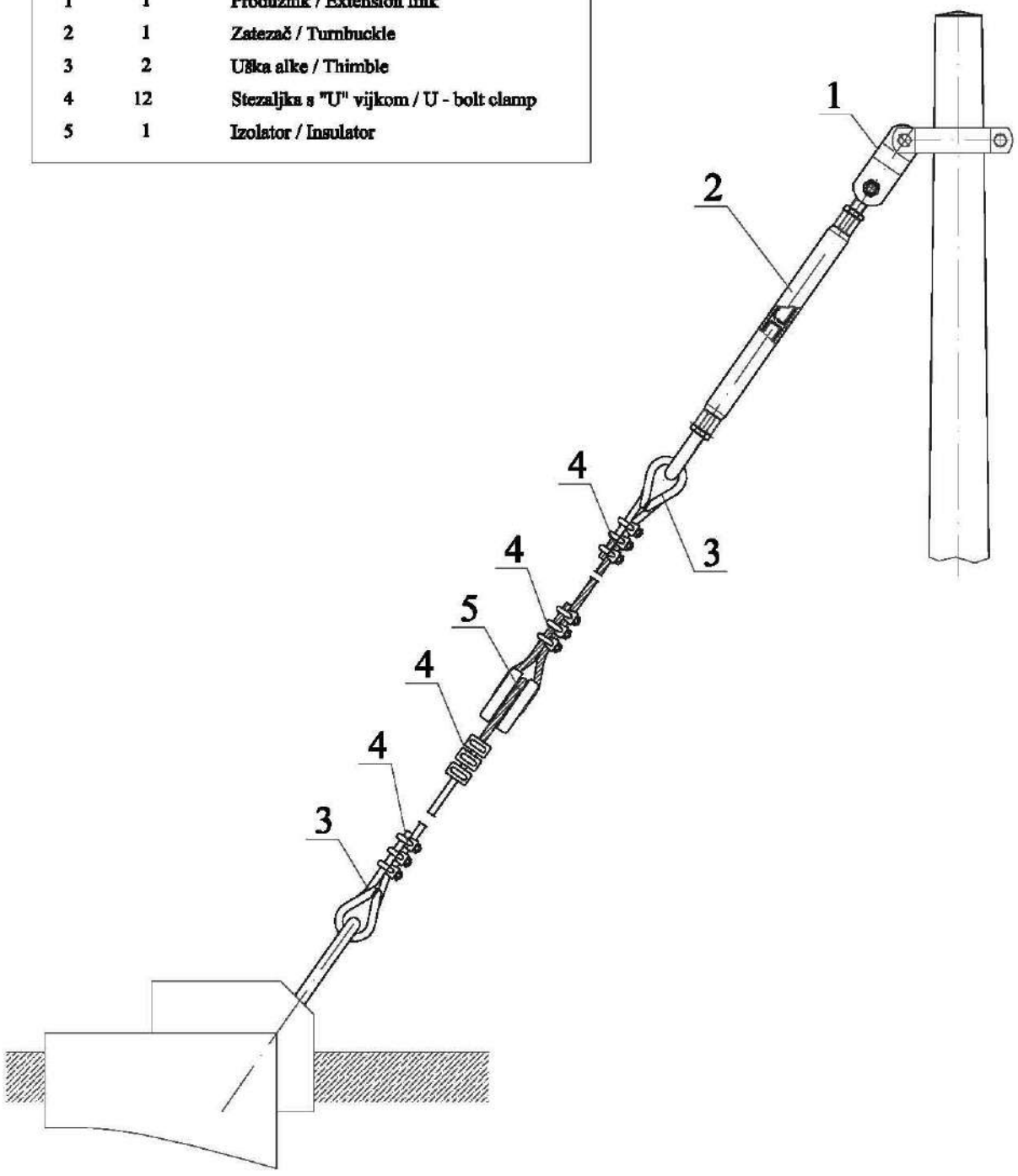
Poz. Item	Kom. Pcs.	Opis Description
1	1	Produžnik / Extension link
2	1	Zatezač / Turnbuckle
4	2	Uška alke / Thimble
3	6	Stezaljka s "U" vijkom / U - bolt clamp



OPREMA ZA ZATEZANJE ILI SIDRENJE STUPOVA
EQUIPMENT FOR PULLING OR ANCHORING POLES

64.003.091C

Poz. Item	Kom. Pcs.	Opis Description
1	1	Produžnik / Extension link
2	1	Zatezač / Turnbuckle
3	2	Uška alke / Thimble
4	12	Stezaljka s "U" vijkom / U - bolt clamp
5	1	Izolator / Insulator

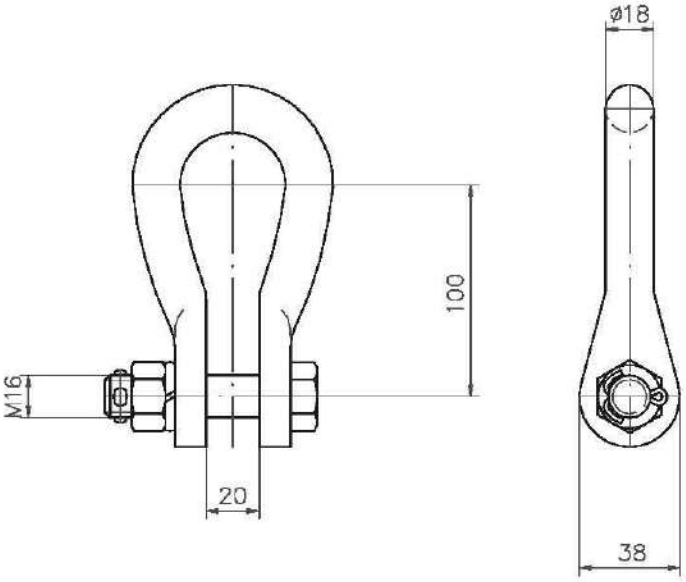


ZATEZNA ALKA
SHACKLE

64.300.300

Materijal: kovani čelik DIN 17200, vruće pocinčano
Masa: 0,76kg

Material : drop forged steel DIN 17200, hot dip galvanized
Mass: 0,76kg

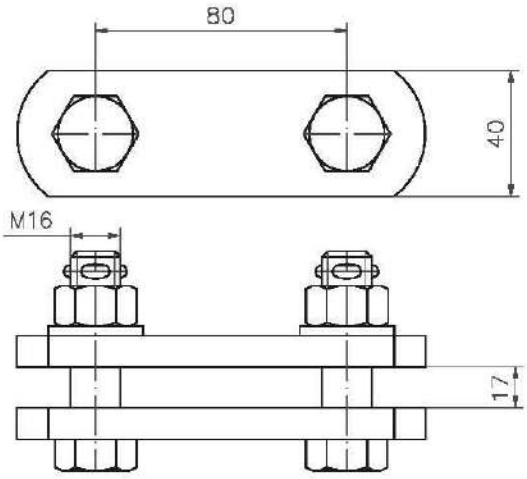


PRODUŽNIK
EXTENSION LINK

64.300.500

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 1,21 kg

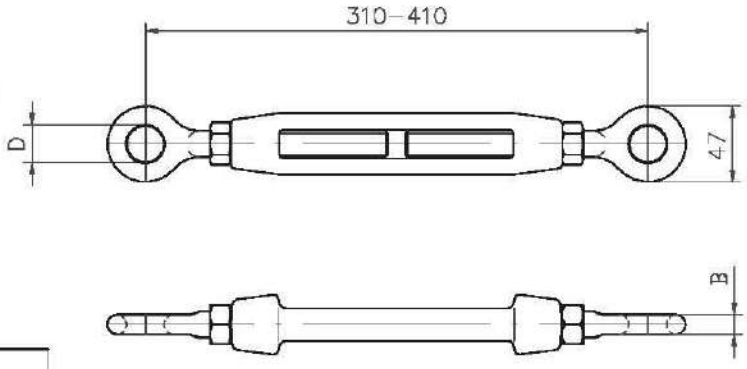
Material : steel DIN 17100, hot dip galvanized
Mass: 1,21 kg



PODESIVI VIJAK M16
TURNBUCKLE M16

Materijal: kovani čelik DIN 17200, vruće pocinčano

Material : drop forged steel DIN 17200, hot dip galvanized



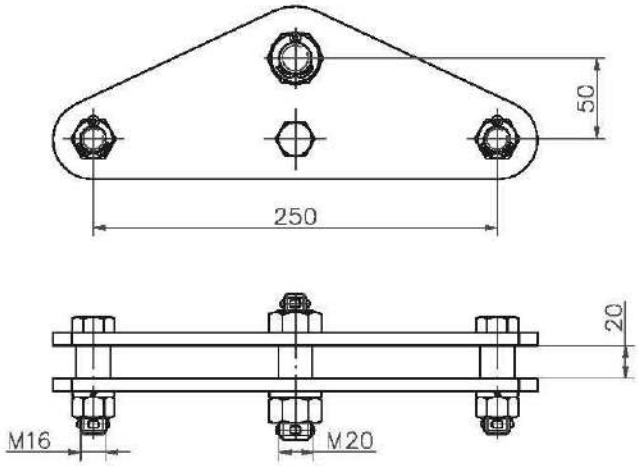
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass
	D [mm]	B	[kg]
64.300.600	23	12	1,10
64.350.600	21	14	1,10

KOMPENZACIONA PLOČA
YOKE

64.300.800

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 3,20 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 3,20 kg

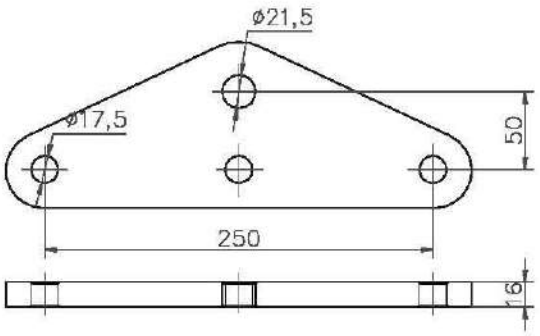


KOMPENZACIONA PLOČA
YOKE

43.64.173.2

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 2,40 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 2,40 kg

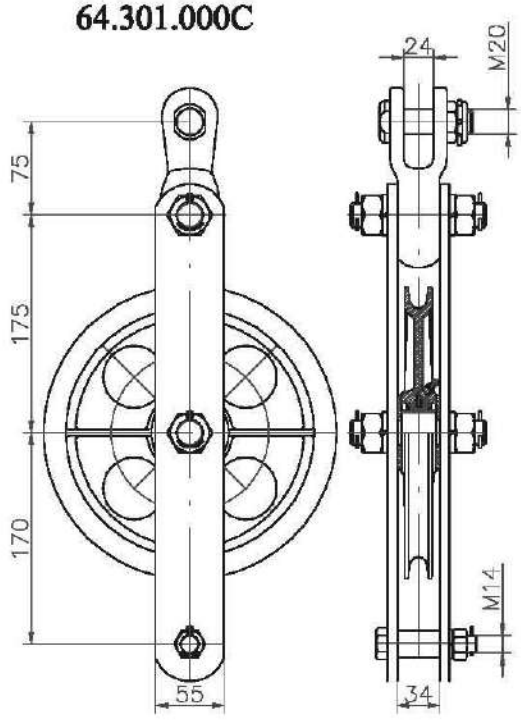


KOTAČ UREĐAJA ZA AUTOMATSKO ZATEZANJE
PULLY ASSEMBLY

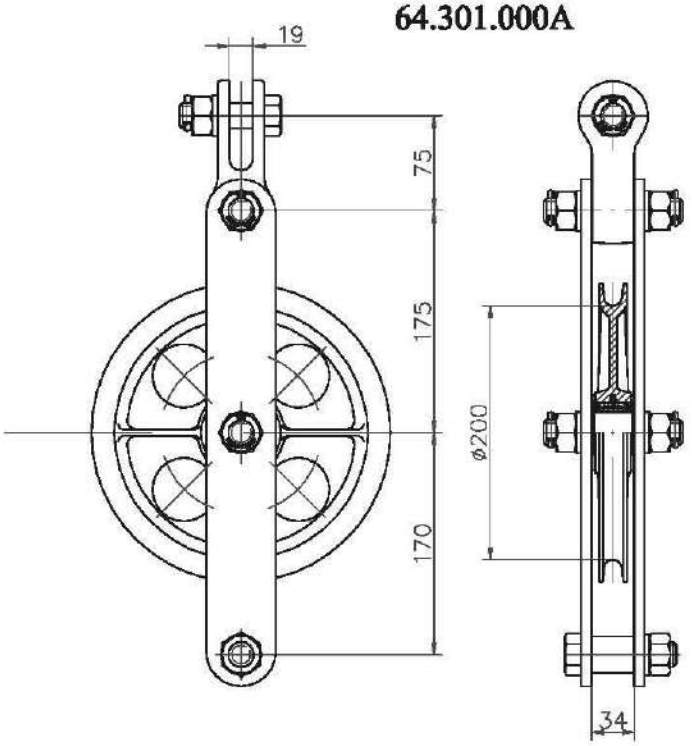
Materijal: aluminijska bronca, DIN17656/17665
Masa: 8,25 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 8,25 kg

64.301.000C



64.301.000A

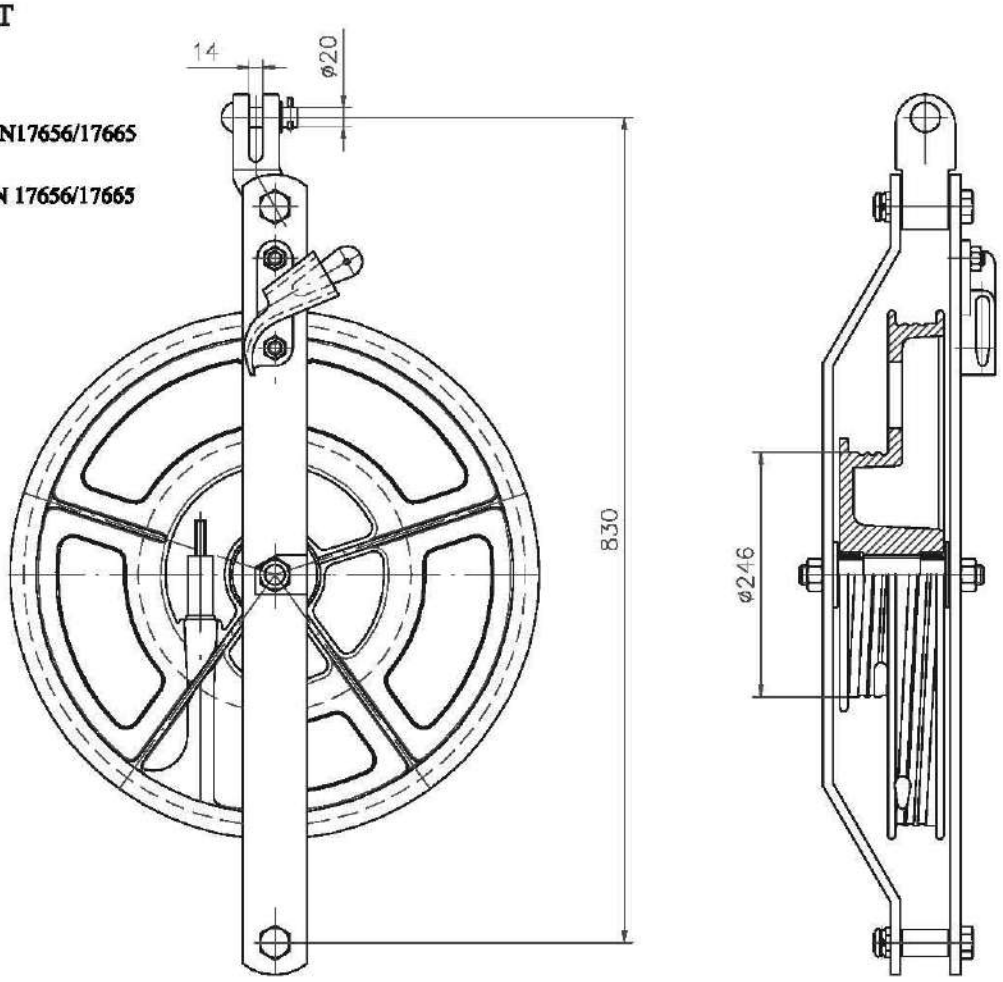


DIFERENCIJALNA KOLOTURA UREĐAJA ZA AUTOMATSKO ZATEZANJE
REGULATING EQUIPMENT

64.301.100A

Materijal: aluminijska bronca, DIN17656/17665
Masa: 25,0 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 25,0 kg

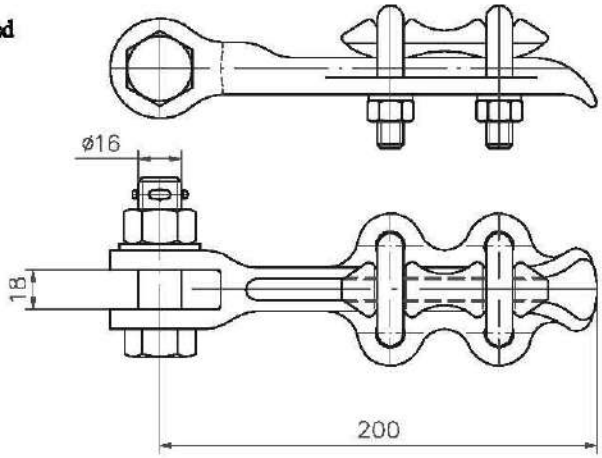


STEZALJKA S "U" VIJCIMA ZA UŽE ZA OVJEŠENJE UTEGA
"U" BOLT TYPE TENSION CLAMP

64.301.200

Materijal: kovani čelik DIN 17200, vruće pocinčano
Masa: 1,00 kg

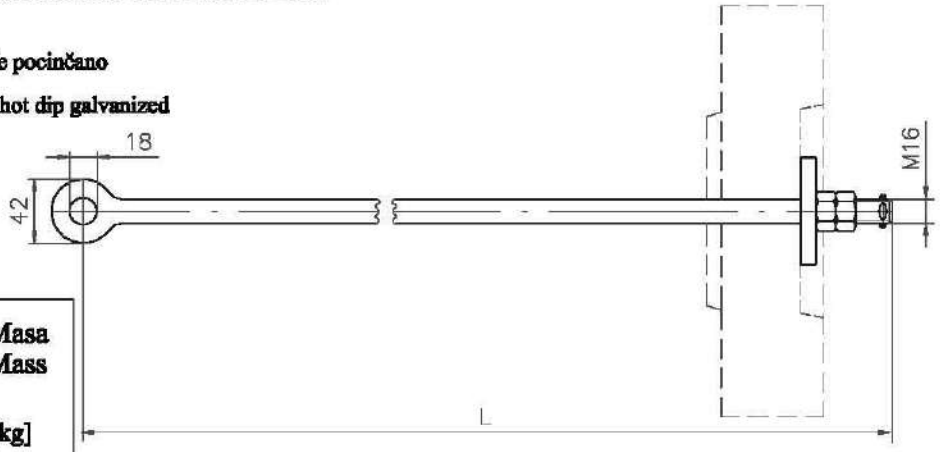
Material : drop forget steel DIN 17200, hot dip galvanized
Mass: 1,00 kg



VIJAK S OČKOM ZA OVJEŠENJE UTEGA
BOLT WITH EYE FOR COUNTERWEIGHTS ATTACHMENT

Materijal: kovani čelik DIN 17200, vruće pocinčano

Material : drop forget steel DIN 17200, hot dip galvanized



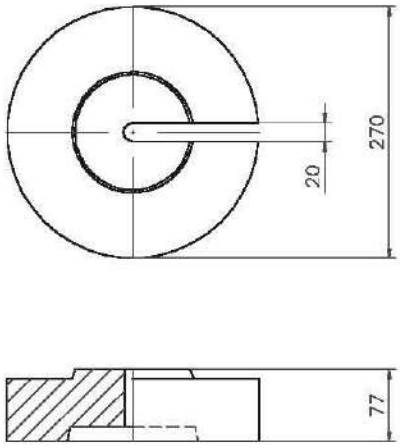
Kat. br. Cat. No.	Dimenzije Dimensions L [mm]	Masa Mass [kg]
43.64.174A	1300	4,25
64.301.300	1530	4,50
43.64.174B	2100	8,20

UTEG
COUNTERWEIGHT

64.301.400

Materijal: sivi lijev DIN 1692, vruće pocinčano
Masa: 25,0 kg

Material : malleable cast iron DIN 1692, hot dip galvanized
Mass: 25,0 kg

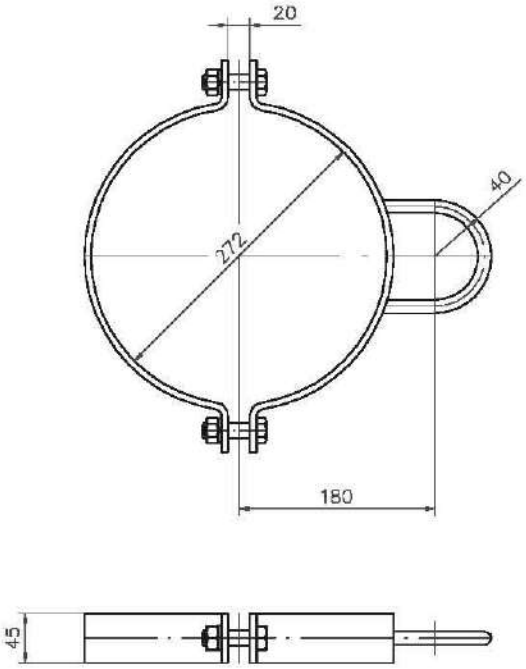


OBUJMICA ZA VOĐENJE UTEGA
WEIGHT GUIDE

64.301.500

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 2,45 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 2,45 kg

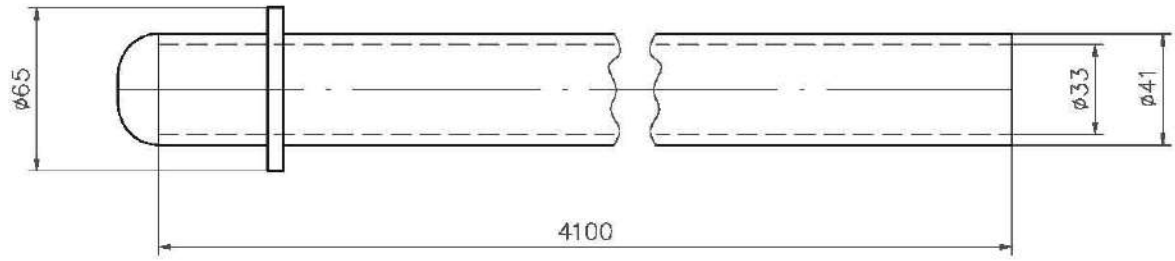


VODILICA UTEGA
WEIGHT GUIDE

64.301.600

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 16,20 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 16,20 kg

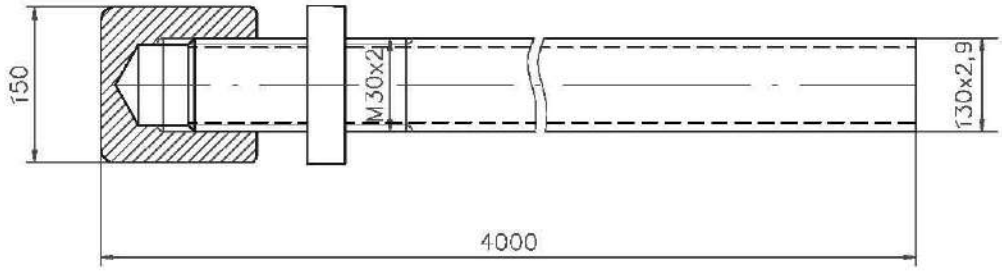


VODILICA UTEGA
WEIGHT GUIDE

43.64.175.2

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 9,20 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 9,20 kg

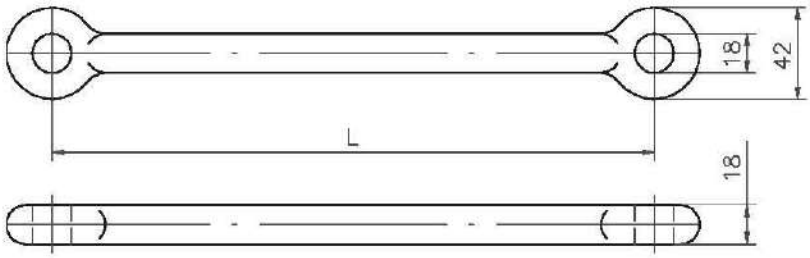


PRODUŽNIK
EXTENSION LINK

64.301.700

Materijal: kovani čelik DIN 17200, vruće pocinčano

Material : drop forged steel DIN 17200, hot dip galvanized



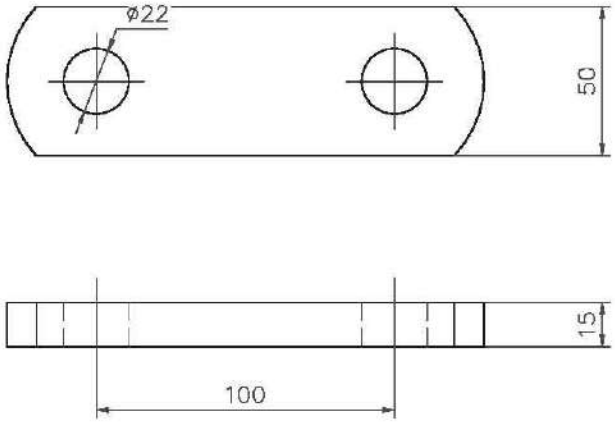
Tip / Type		A	B	C
Dužina / Length	L [mm]	1000	1500	2000
Masa / Mass	[kg]	1,85	2,60	3,50

PRODUŽNIK
EXTENSION LINK

64.302.900

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 0,95 kg

Material : steel DIN 17100, hot dip galvanized
Mass: 0,95 kg

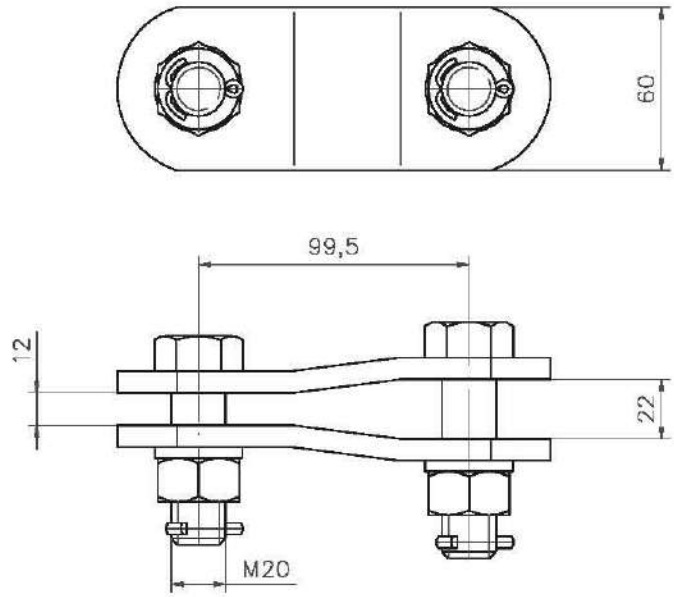


PRODUŽNIK SIDRA
EXTENSION LINK

64.303.000

Materijal: čelik DIN 17100, vruće pocinčano
Masa: 1,86 kg

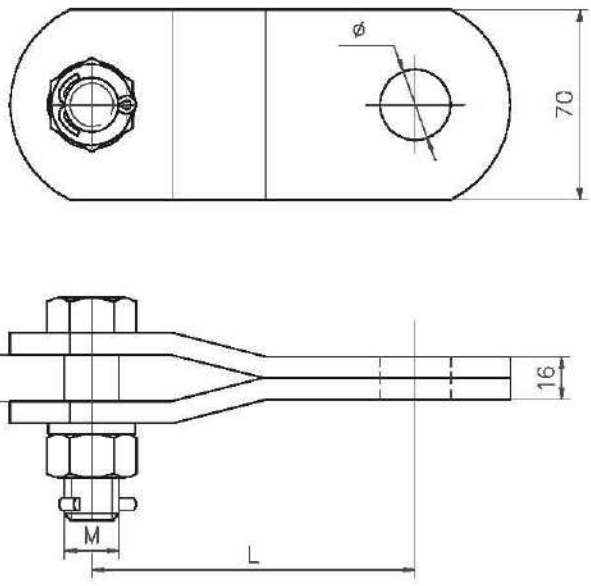
Material : steel DIN 17100, hot dip galvanized
Mass: 1,86 kg



PRODUŽNIK SIDRA
EXTENSION LINK CLEVIS EYE

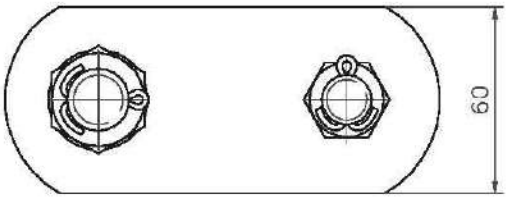
Materijal: čelik DIN 17100, vruće pocinčano

Material : steel DIN 17100, hot dip galvanized

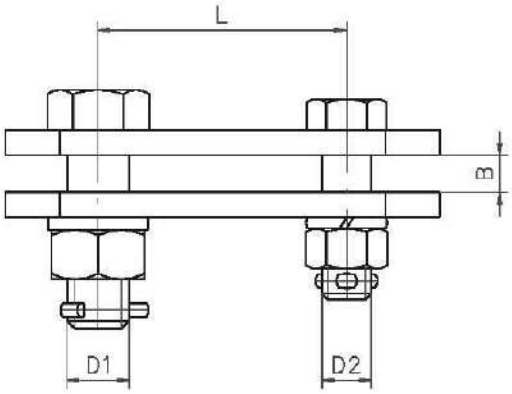


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions [mm] L	B	M	Ø	Masa Mass [kg]
64.303.100	18/20	119	17	20	22	1,90
64.303.200	24	128,5	22	24	26	2,17

PRODUŽNIK SIDRA
EXTENSION LINK FOR STAY ROD



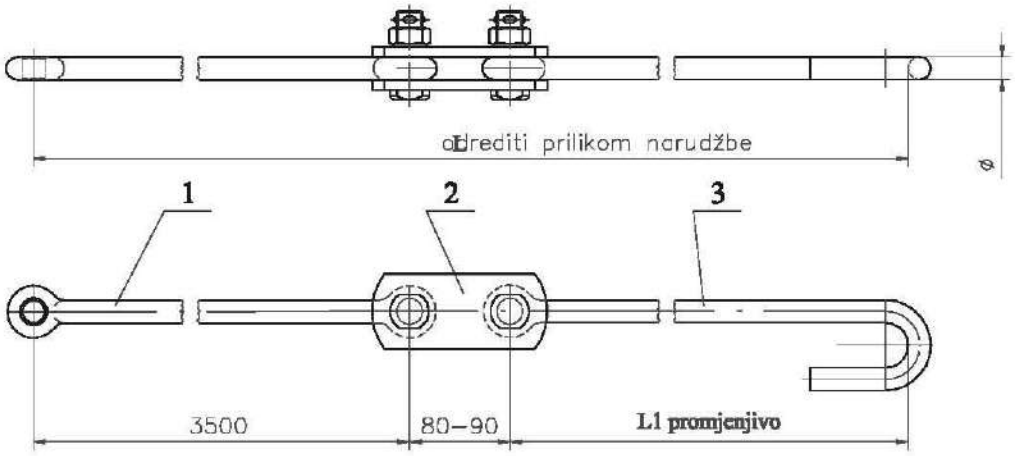
Materijal: čelik DIN 17100, vruće pocinčano
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	B	D1	D2	Masa Mass [kg]
64.303.500	18	80	20	M20	M16	1,43
64.303.500A	18	80	20	M16	M16	0,92
64.303.600A	20	80	20	M20	M20	1,57
64.303.700	24	90	22	M24	M24	2,25

SIDRO
STAY ROD

Materijal: čelik DIN 17100, vruće pocinčano
Material : steel DIN 17100, hot dip galvanized



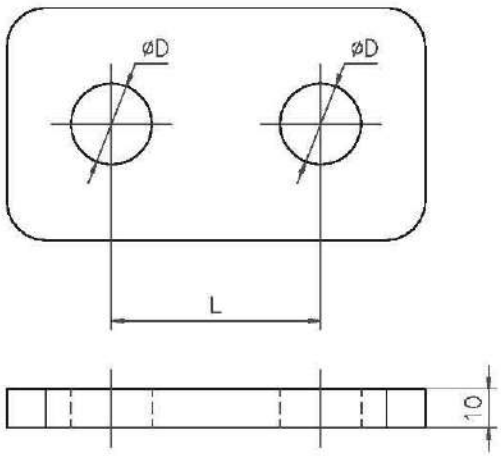
Poz. Item	Kat. br. / Cat. No. 64.303.800M Ø 18 [mm]	64.303.900M Ø 20 [mm]	64.304.000M Ø 24 [mm]	Naziv sklopa Description
1	64.306.100	64.306.200	64.306.300	Produžnik sidra / Extension link for stay rod
2	64.303.500A	64.303.600A	64.303.700	Produžnik sidra / Extension link for stay rod
3	64.303.800	64.303.900	64.304.000	Šipka sidra s kukom / Stay rod with hook

PRODUŽNIK
EXTENSION LINK

64.304.100

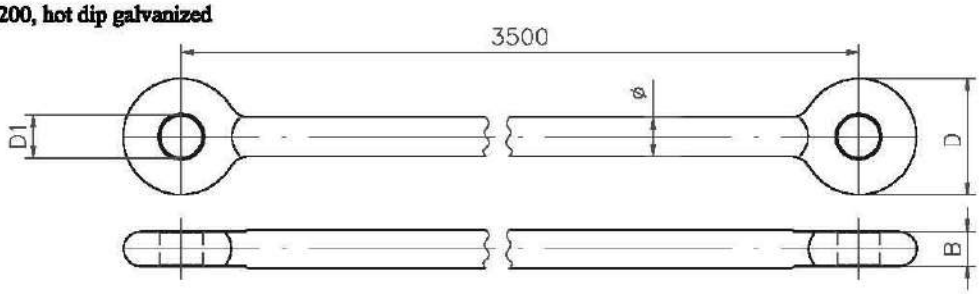
Materijal: čelik DIN 17100, vruće pocinčano
Material : steel DIN 17100, hot dip galvanized

Dimenzije/ Dimensions		Tip / Type A	B	C
L	[mm]	54	60	72
ØD	[mm]	21	23	27
Masa / Mass	[kg]	0,37	0,48	0,67



PRODUŽNIK SIDRA
EXTENSION LINK FOR STAY ROD

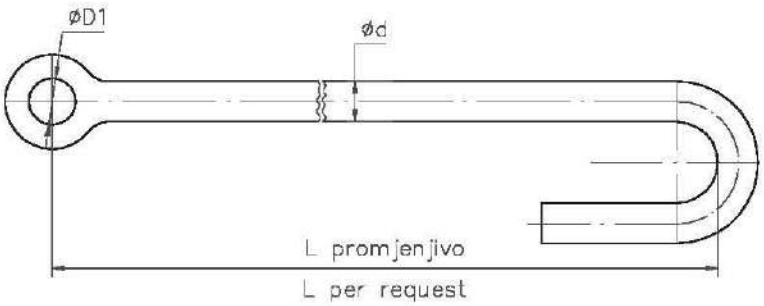
Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions D [mm]	D1	B	Ø	Masa Mass [kg]
64.306.100	18	42	18	18	18	7,50
64.306.200	20	60	22	18	20	10,00
64.306.300	24	60	26	20	24	13,60

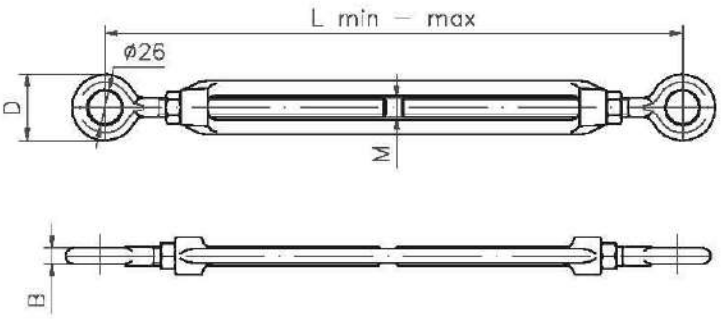
PRODUŽNIK SIDRA S KUKOM
EXTENSION LINK FOR STAY ROD WITH HOOK

Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions Ød [mm]	ØD1
64.303.800	18	18	18
64.303.900	20	20	22
64.304.000	24	24	26

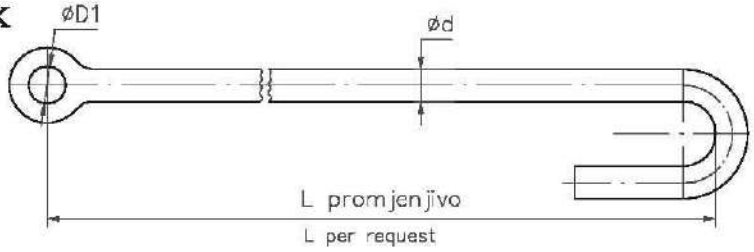
PODESIVI VIJAK 20, 18/20, 24
TURNBUCKLE



Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dužina Length L min - max	Dimenzije Dimensions M D B [mm]	Masa Mass [kg]
64.300.600	20	380-520	20 42 15	2,80
64.350.600	18/20	570-875	20 60 15	5,17
64.350.600	24	575-875	24 60 20	5,62

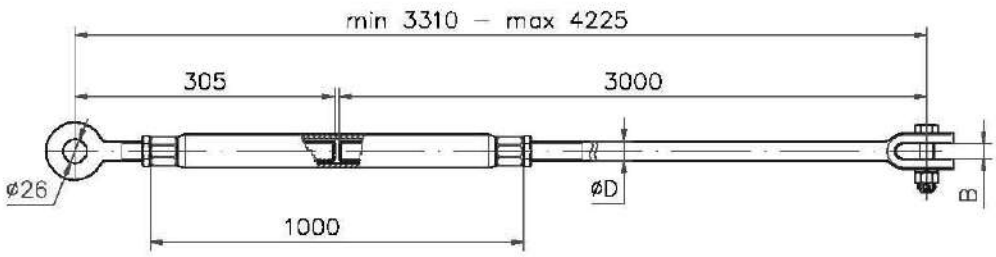
PRODUŽNIK SIDRA S KUKOM
EXTENSION LINK FOR STAY ROD WITH HOOK



Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions Ød ØD1 [mm]	Masa Mass (kg) L 5800	4900	4000	3100	2200
64.303.850	18	18 18	11,94	10,14	8,34	6,54	4,74
64.303.950	20	20 22	14,75	12,53	10,31	8,08	5,86
64.304.050	24	24 26	17,71	15,05	12,38	9,72	7,05

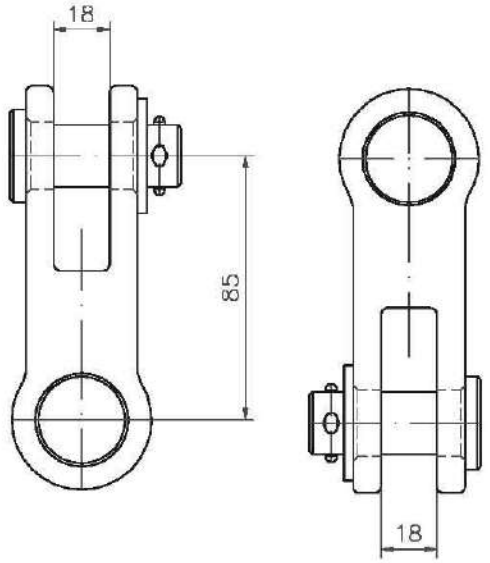
PODESIVI VIJAK
TURNBUCKLE



Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dužina Length L min - max	Dimenzije Dimensions M D B [mm]	Masa Mass [kg]
43.85.125	18/20	3305 - 4225	20 20 20	12,20
43.85.126	24	3305 - 4225	24 24 22	16,30

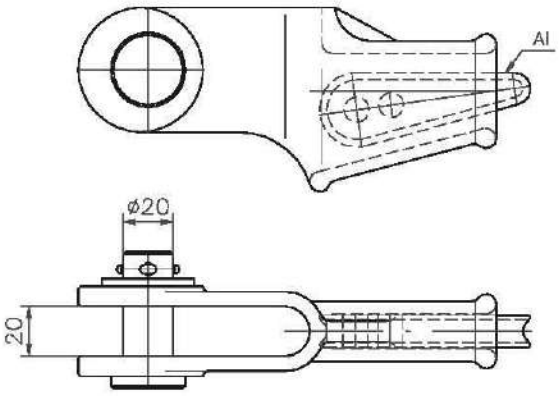
DVOSTRUKA ZAOKRENUTA VILICA
DOUBLE CLEVIS



64.350.300

Materijal: kovani čelik DIN 17200, vruće pocinčano
Masa: 1,30 kg
Material : drop forged steel DIN 17200, hot dip galvanized
Mass: 1,30 kg

ZAVRŠNA STEZALJKA
TENSION CLAMP

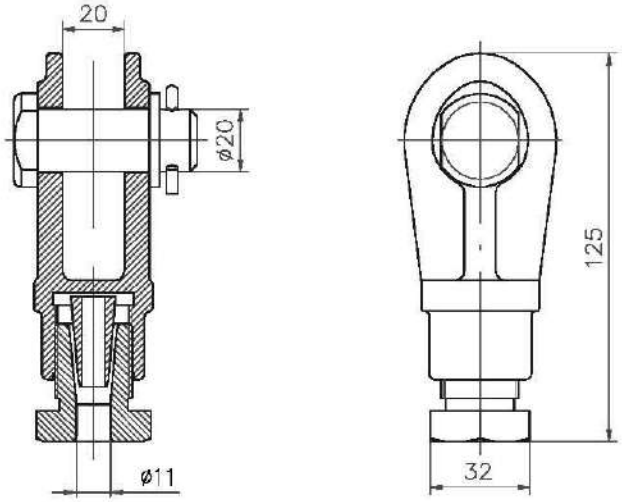


65.30.300

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

Tip / Type	A	B	C	D
Uže / Cable [mm²]	70	95	100	120
Masa / Mass [kg]	1,09	1,12	1,50	1,55

ZAVRŠNA STEZALJKA ZA NOSIVO UŽE
TENSION CLAMP FOR CATENARY CABLE



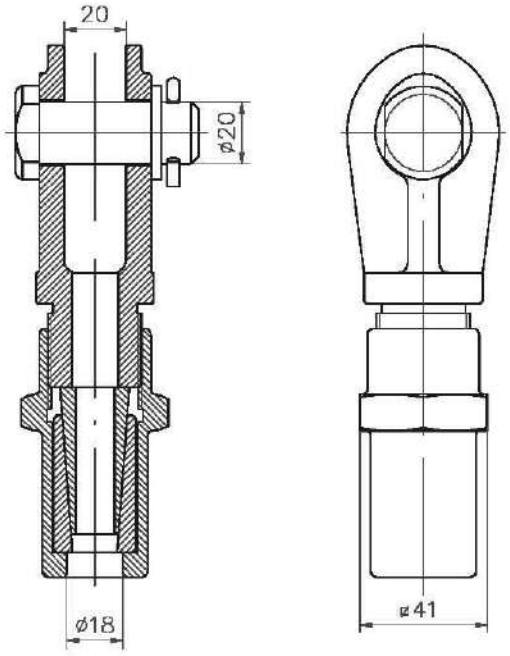
64.502.450

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,76 kg
Material : aluminium bronze, DIN 17656/17665
Mass: 0,76 kg

ZAVRŠNA STEZALJKA ZA KONTAKTNI VODIÈ
TENSION CLAMP FOR CONTACT WIRE

64.502.550

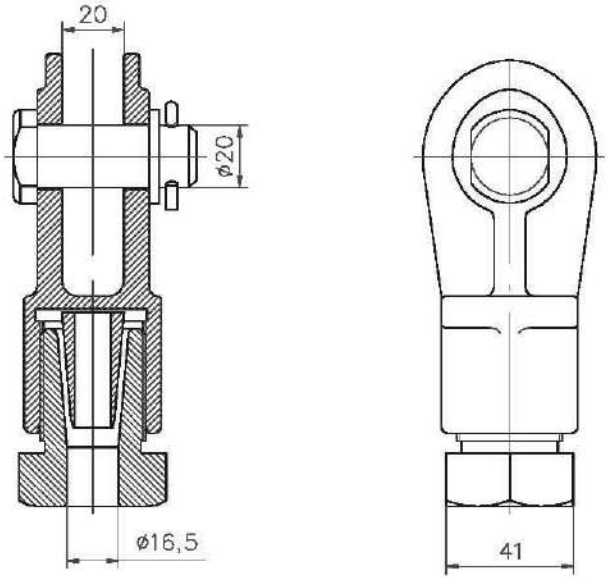
Materijal: aluminijska bronca, DIN17656/17665
Masa: 1,00 kg
Material : aluminium bronze, DIN 17656/17665
Mass: 1,00 kg



ZAVRŠNA STEZALJKA ZA OBILAZNI VOD
TENSION CLAMP FOR BYPASS CABLE

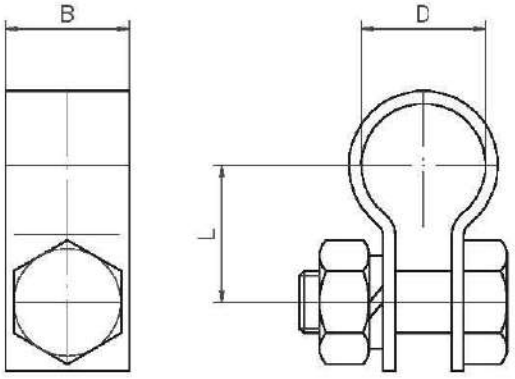
64.502.650

Materijal: aluminijska bronca, DIN17656/17665
Masa: 1,10 kg
Material : aluminium bronze, DIN 17656/17665
Mass: 1,10 kg



STEZALJKA ZA IZOLATOR
CLAMP FOR INSULATOR

Materijal: èelik DIN 17100, vruæe pocinèano
Material : steel DIN 17100, hot dip galvanized



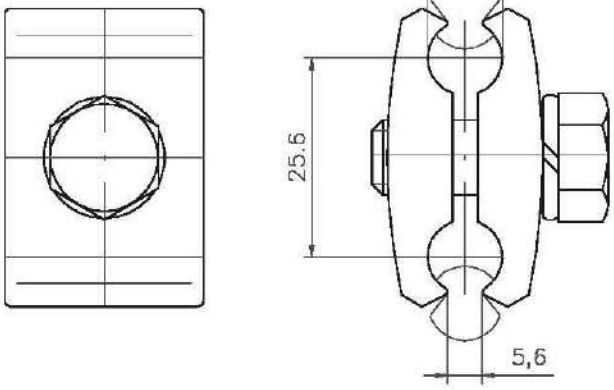
Kat. br. Cat. No.	Dimenzije Dimensions L	B	D [mm]	Masa Mass [kg]
64.400.300	22	20	20	0,081
64.452.800D	35	24	39	0,10

UNIVERZALNA STEZALJKA
PARALLEL GROOVE CLAMP

64.550.100

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,29 kg

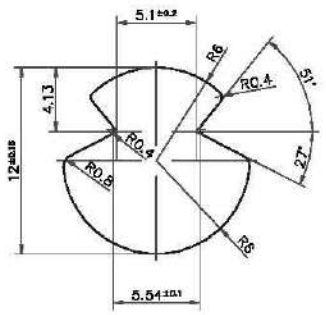
Material : aluminium bronze, DIN 17656/17665
Mass: 0,29 kg

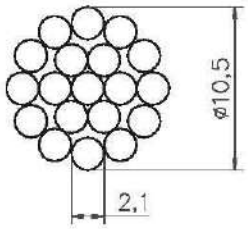


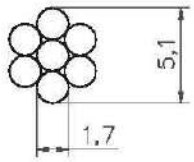
5 OPREMA ZA VOZNI VOD

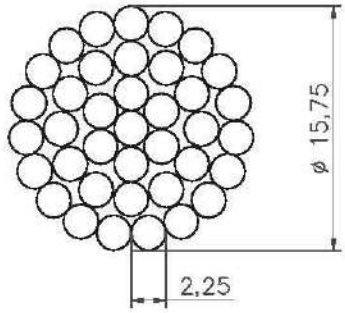
CONTACT LINE ACCESSORIES

MEHANIČKI PODACI VODIČA KONTAKTNE MREŽE
MECHANICAL DATA FOR CABLES





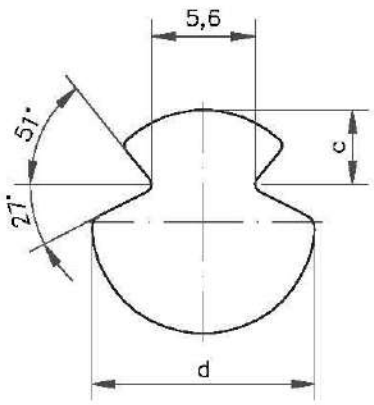




		Kontaktni vodič Contact wire	Nosivo uže Catenary cable	Obilazni vod Bypass conductor	Y uže Y cable	Žica za vješaljku Dropper wire	
Kataloški broj / Cataloque number		64.500.200	64.500.100	64.501.800	64.501.600		
Konstrukcija / Construction		puni profil / full profile	19 x 2,1	37 x 2,25	7 x 1,7	puni profil / full profile	puni profil / full profile
Materijal / Material		tvrdi bakar / hard copper	bronca / bronze	tvrdi bakar / hard copper	tvrdi bakar / hard copper	nehr. čelik / steinless steel	bakar / copper
Nazivni presjek / Cross section	mm^2	100	65	150	16	7,0686	19,635
Stvarni presjek / Real cross section	mm^2	100	65,8	147,1	15,8	3	5
Promjer / Diameter	Ø mm	12,00	10,5	15,75	5,1	3	5
Prekidna sila / Breaking load	daN	3790	3530	5030	574	600 - 800	
Temperaturni koeficijent istezanja / Coefficient of linear expansion	$1/C°$	$1,7 \times 10^{-6}$	$1,7 \times 10^{-6}$	$1,7 \times 10^{-6}$	$1,7 \times 10^{-6}$		
Modul elastičnosti / Modul of elasticity	daN/mm^2	13000	12000	12000	12000		
Težina / Weight	kg/m	0,886	0,602	1,354	0,144	0,055	0,175

KONTAKTNI VODIÈI
CONTACT WIRES

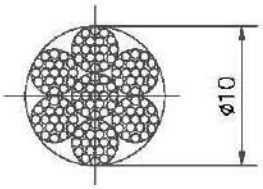
Materijal: E-Cu, DIN 43141
Material : E-Cu, DIN 43141



Tip Type	Presjek Cross section	Dimenzije Dimensions		Prekidna sila Tensile strength	Masa Mass
		d	c		
	[mm²]	[mm]		[N/mm²]	[kg/m]
Ri80	80	10,6	3,8	355	0,71
Ri100	100	12,0	4,0	350	0,89
Ri120	120	13,2	4,0	330	1,07
Ri150	150	14,8	4,0	320	1,34

UŽE OD NEHRÐAJUÈEG ÈELIKA
STAINLESS STEEL CONDUCTOR

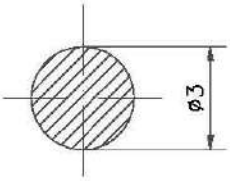
Materijal: nehrðajuæi èelik
Material : stainless steel



Konstrukcija Construction	Presjek Cross section	Promjer Diametar	Prekidna sila Breakin load	Masa Mass
	[mm²]	[mm]	[daN]	[kg/m]
7 x 19	46,30	10,0	6510	0,381

ŽICA OD NEHRÐAJUÈEG ÈELIKA
STAINLESS STEEL WIRE

Materijal: nehrðajuæi èelik, DIN 17440
Material : stainless steel, DIN 17440



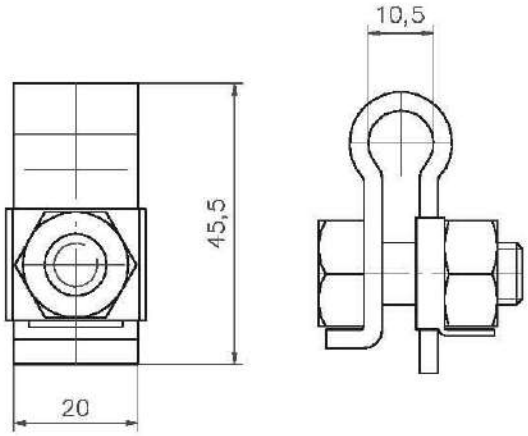
Tip Type	Konstrukcija Construction	Presjek Cross section	Promjer Diametar	Prekidna sila Breakin load	Masa Mass
		[mm²]	[mm]	[N/mm²]	[kg/m]
	puni profil	7,06	3,0	600 - 800	0,055

STEZALJKA NOSIVOG UŽETA ZA VJEŠALJKU
DROPPER CLAMP ON CATENARY CABLE

64.500.300

Materijal: bakar, DIN1708
Masa: 0,12 kg

Material : copper, DIN 1708
Mass: 0,12 kg

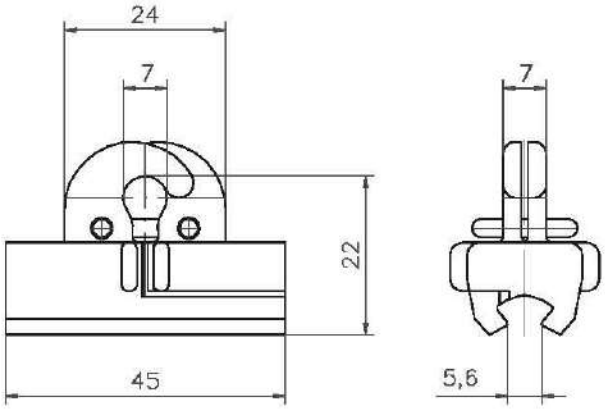


STEZALJKA KONTAKTNOG VODIČA ZA VJEŠALJKU
DROPPER CLAMP ON CONTACT WIRE

64.500.400

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,08 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,08 kg

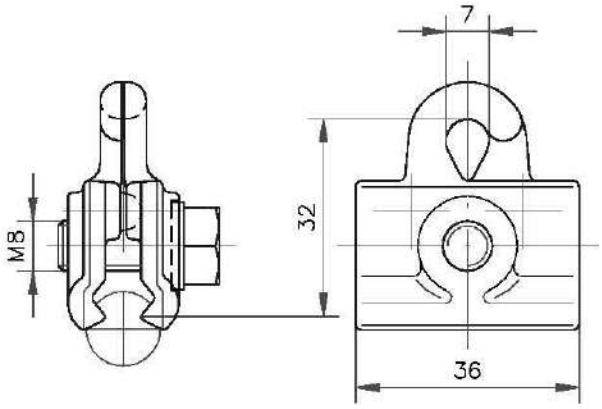


STEZALJKA KONTAKTNOG VODIČA ZA VJEŠALJKU
DROPPER CLAMP ON CONTACT WIRE

64.500.450

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,08 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,08 kg

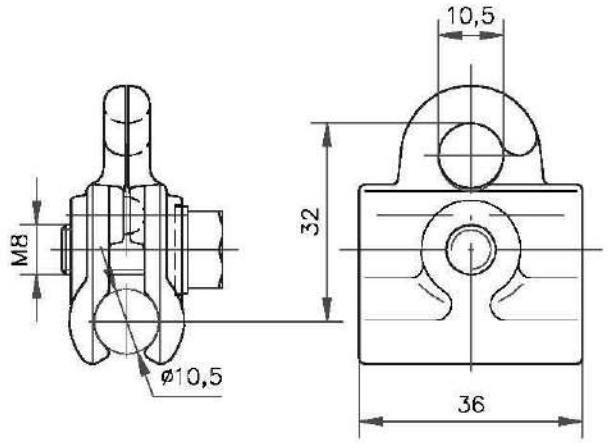


STEZALJKA NOSIVOG UŽETA ZA VJEŠALJKU
DROPPER CLAMP ON CATENARY CABLE

64.500.460

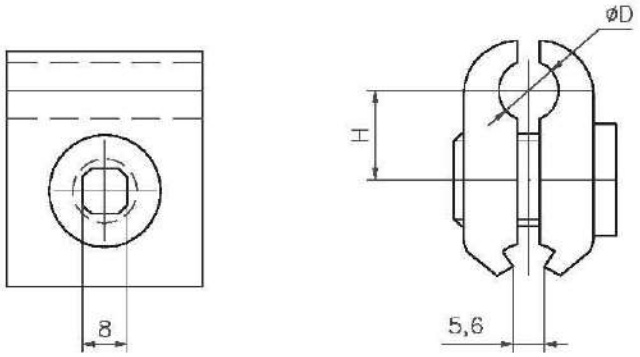
Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,09 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,09 kg



STRUJNA STEZALJKA
PARALLEL GROOVE CLAMP

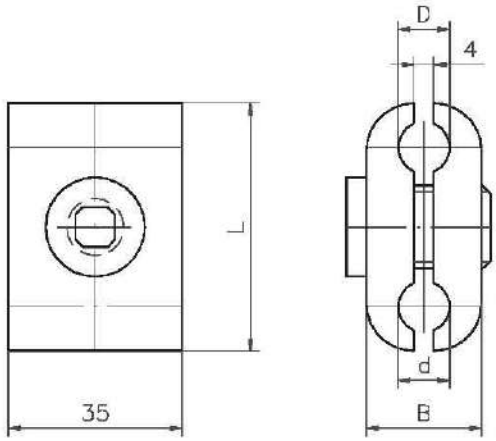
Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD [mm]	H	Masa Mass [kg]
64.500.600	NU-KV	10,5	16	0,21
64.500.700	KV-KV	11,8	16	0,22
64.500.800	OV-KV	15,75	18	0,26

STRUJNA STEZALJKA
PARALLEL GROOVE CLAMP

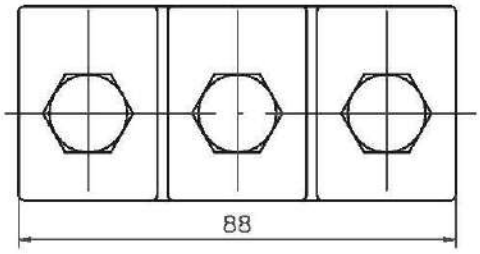
Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

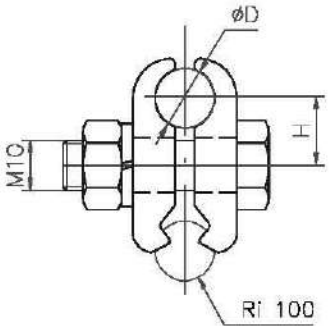


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions B	D [mm]	d	L	Masa Mass [kg]
64.500.900	NU-NU	23,2	10,5	10,5	49,8	0,24
64.501.000	OV-OV	32	16	16	59	0,39
64.501.100	OV-NU	30	15,75	10,5	54,4	0,30
64.501.200	OV-KV	30	16	11	55	0,29
64.501.300	KV-NU	24	11,8	10,5	50,4	0,234

STEZALJKA ZA KONTAKTNI VODIČ I UŽE
CLAMP FOR CONTACT WIRE AND CABLE

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665

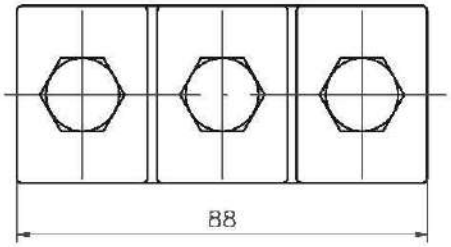


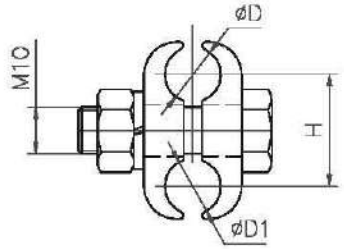


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD [mm]	H	Masa Mass [kg]
64.700.300	KV - Ø12	12	13,5	0,40
64.703.320	KV - Ø10	10	12,5	0,38

STEZALJKA ZA DVA Cu VODIČA
CLAMP FOR TWO Cu CABLES

Materijal: aluminijska bronca, DIN17656/17665
Material : aluminium bronze, DIN 17656/17665





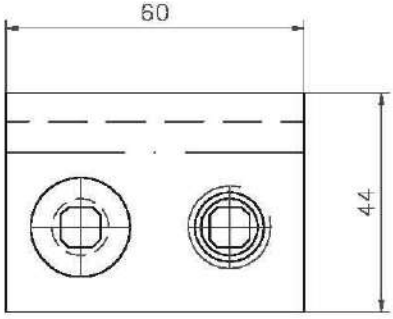
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions ØD	ØD1	H [mm]	Masa Mass [kg]
64.703.000	Ø12 - Ø12	12	12	24	0,43
64.703.100	Ø12 - Ø10	12	10	23	0,44
64.703.200	Ø12 - Ø14	12	14	25	0,49

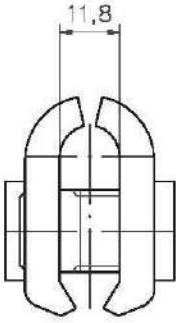
KRIŽNA STEZALJKA ZA DVA KONTAKTNA VODIČA
CROSSING CONTACT WIRE CLIP

64.501.400

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,34 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,34 kg



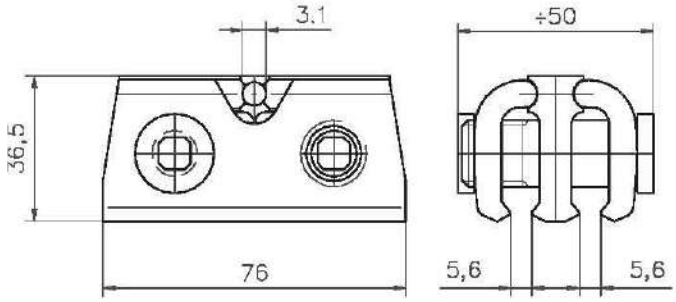


STEZALJKA ZA DVA KONTAKTNA VODIČA
TWIN CONTACT WIRE CLIP

64.501.500

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,34 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,34 kg

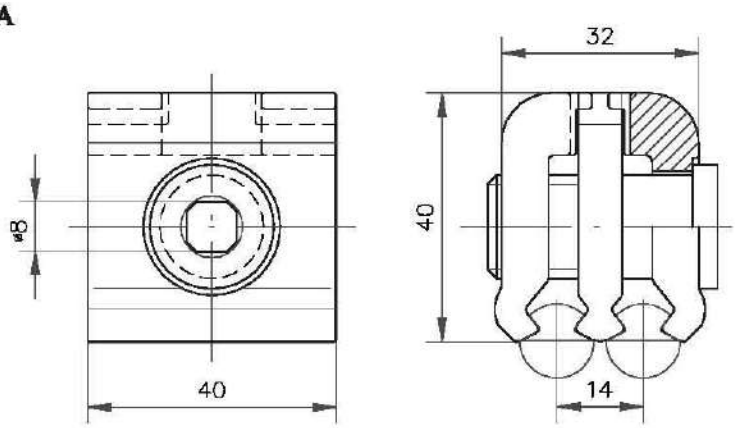


STEZALJKA ZA DVA KONTAKTNA VODIČA
TWIN CONTACT WIRE CLIP

64.501.550

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,30 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,30 kg

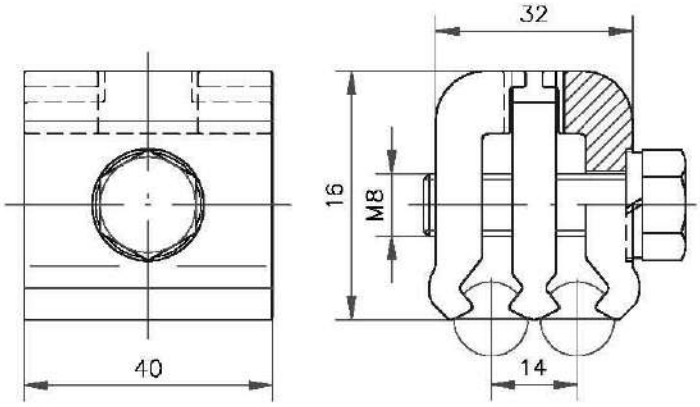


STEZALJKA ZA DVA KONTAKTNA VODIČA
TWIN CONTACT WIRE CLIP

64.501.560

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,30 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,30 kg

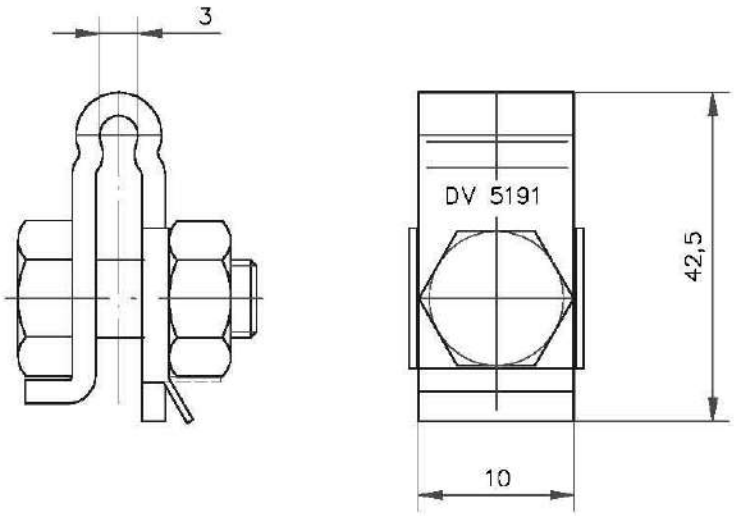


STEZALJKA Y UŽETA ZA VJEŠALJKU
DROPPER CLAMP ON Y WIRE

64.501.900

Materijal: bakar, DIN1708
Masa: 0,09 kg

Material : copper, DIN 1708
Mass: 0,09 kg

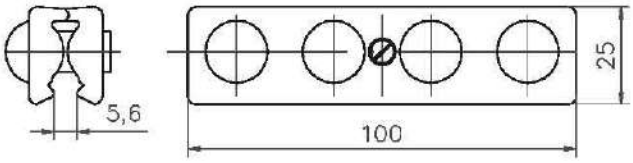


STEZALJKA ZA NASTAVAK I POPRAVAK KV
CONTACT WIRE SPLICE

64.801.000

Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,38 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,38 kg

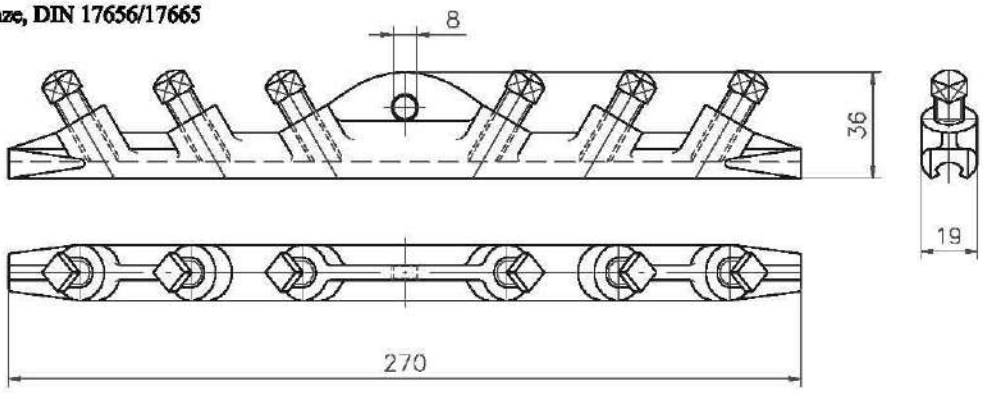


SPOJNICA KONTAKTNOG VODIČA
SECTION BOLTED JOINT FOR CONTACT WIRE

64.502.500

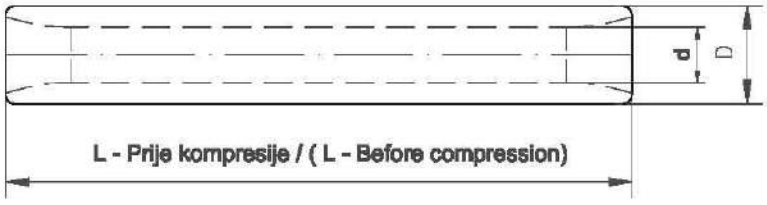
Materijal: aluminijska bronca, DIN17656/17665
Masa: 0,60 kg

Material : aluminium bronze, DIN 17656/17665
Mass: 0,60 kg



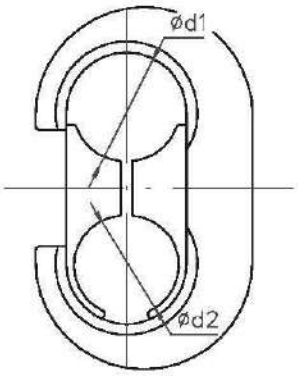
KOMPRESIONA NASTAVNA SPOJNICA
COMPRESSION MIDSPAN JOINT

Materijal: bakar, DIN1708
Material : copper, DIN 1708



Kat. br. Cat. No.	Presjek vodiča Conductor crossection	Promjer vodiča Conductor diameter	Dimenzije Dimensions			Masa Mass
	[mm²]	Ø [mm]	D	d [mm]	L	[kg]
56.212.070	25	6,3	12	7,0	100	0,07
56.214.080	35	7,5	14	8,0	140	0,12
56.215.095	50	9,0	15	9,5	160	0,17
56.218.110	70	10,5	18	11,0	180	0,25
56.220.125	86,5	12,0	20	12,5	200	0,36
56.220.130	95	12,5	20	13,0	200	0,31
56.222.145	120	14,0	22	14,5	260	0,50
56.226.165	150	15,7	26	16,5	380	0,97
56.230.185	185	18,5	30	18,5	420	1,60

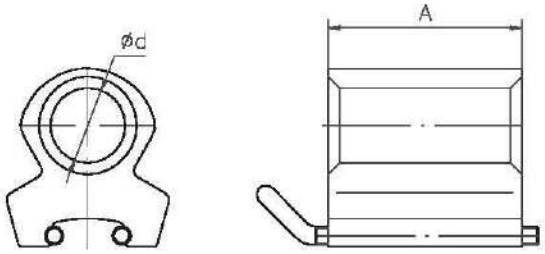
"C" KOMPRESIONA STEZALJKA
"C" COMPRESSION CLAMP



Materijal: bakar, DIN1708
Material : copper, DIN 1708

Kat. br. Cat. No.	Presjek vodiča Conductor crossection		Promjer vodiča Conductor diameter		Masa Mass
	Cu	Cu	Ød1	Ød2	
	[mm²]		[mm]		[kg]
64.804.000	70	70	10,5	10,5	0,19
64.804.200	70	95	10,5	12,5	0,19
64.801.500	70	120	10,5	14,0	0,185
64.800.900	70	150	10,5	15,7	0,185
64.804.500	95	95	12,5	12,5	0,18
64.801.600	95	120	12,5	14,0	0,18
64.800.600	95	150	12,5	15,7	0,18
64.805.700	120	120	14,0	14,0	0,18
64.805.800	120	150	14,0	15,7	0,18
64.800.500	150	150	15,7	15,7	0,18

"E" KOMPRESIONA STEZALJKA
"E" COMPRESSION CLAMP



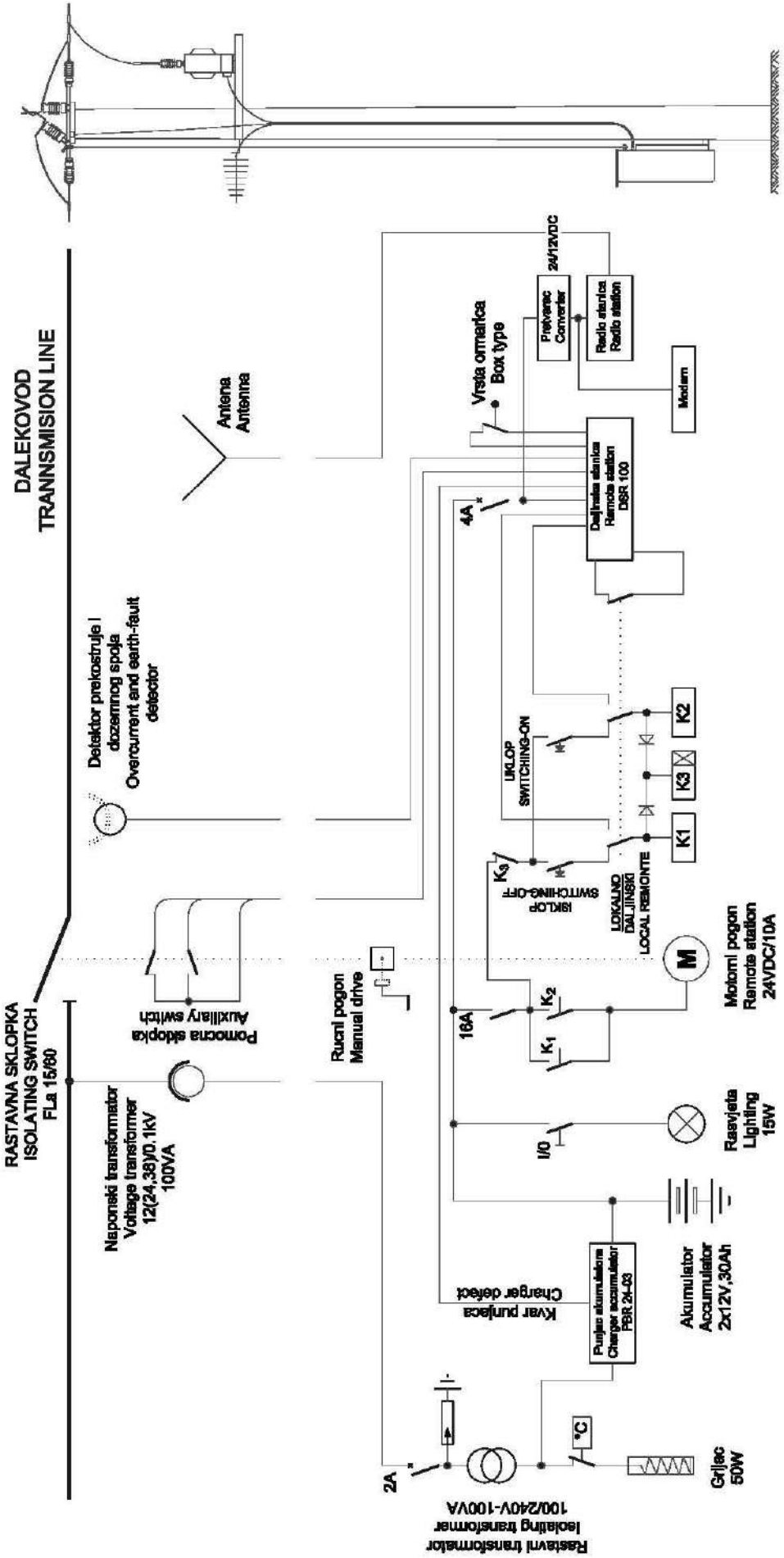
Materijal: bakar, DIN1708
Material : copper, DIN 1708

Kat. br. Cat. No.	Vodič / Conductor		Kontaktni vodič Contact wire	Dimenzije Dimensions		Masa Mass
	Presjek/ Crossection Cu	Promjer/ Diameter Cu		D	A	
	[mm²]		Cu	[mm]		[kg]
64.801.700	50	9,0	Ri100	9,6	30	0,17
64.806.000	70	10,5	Ri100	11,5	30	0,165
64.801.100	95	12,5	Ri100	13,5	30	0,16
64.806.100	120	14,0	Ri100	15,0	30	0,155
64.800.300	150	15,7	Ri100	17,0	30	0,15

6 RASTAVLJAČI I ODVODNICI PREDNAPONA

SWITCH - DISCONNECTORS AND SURGE ARRESTERS

SHEMA DALJINSKOG UPRAVLJANJA
REMOTE CONTROL SHEMA



Sustav daljinskog upravljanja rastavnim sklopkama i rastavljačima u SN mrežama – KonDUR 2000

Sustav daljinskog upravljanja KonDUR 2000 namjenjen je za daljinsko upravljanje rastavljačima I rastavnim sklopkama u distribucijskim mrežama 12, 24 I 38kV iz dispečerskog centra posredstvom radio veze.

Opis Osnovni elementi upravljačkog sustava prikazani su na blok-shemi , a čine ga: sklopni aparat sa pomoćnim kontaktima, naponski transformator, indikator kvara, te upravljački ormarić u koji su ugra_eni daljinska stanica DSR sa komunikacijskom opremom, punjač sa aku. baterijama I motorni pogon.

Svi elementi upravljačkog sustava predvi_eni su za montažu na betonski ili čelično-rešetkasti stup. Kvalitetna izvedba elemenata sustava osigurava trajan I pouzdan rad u svim vremenskim uvjetima.

Tehnički podaci

Sklopni aparat	rastavna sklopka tip Fla ili rastavljač tip Flb	
	nazivni napon	12, 24 I 38kV
	nazivna struja	400, 630A, 2000A
Upravljački ormarić	potrošnja cca 50W (u stand-by režimu)	
	temperatura okoline –25°C do +40°C	
	stupanj zaštite IP54 (za vanjsku montažu; grijač+vent. elementi)	
	dimenzije (VxŠ/D): 850x550/250mm	
Napajanje	100V (naponski transformator 10(20)/0.1kV-150VA)	
	24VDC (punjač s baterijama – besprekidno napajanje, autonomija 48h /200 ciklusa)	
Motorni pogon	istosmjerni, 24VDC / 360Nm	
Daljinska stanica	tip DSR100 (CPU Intel 87C196)	
	12 digitalnih ulaza / 2 digitalna izlaza	
	8 analognih ulaza	
	IEC 60870-5-101 komunikacijski protokol	
	RS232 komunikacijsko sučelje	
	integrirani radio modem	
Podaci prema centru	**Standardno**	- položaj sklopnog aparata
		- način upravljanja
		- položaj vrata ormarića
		- stanje ulaznog napajanja
		- stanje baterije
		- pogonsko stanje punjača
		- temperatura unutrašnjosti ormarića
		- kvar iza sklopnog aparata
	Na zahtjev	- vrijednosti faznih struja i napona
		- automatski isklop u beznaponskoj pauzi
Radio	FM područje, izlazna snaga i frekvencija ovise o dozvoli Zavoda za telekomunikacije	

Centar daljinskog upravljanja

Sustav daljinskog upravljanja sklopnim aparatima KonDUR 2000 može se:

- uključiti u postojeći SCADA sustav u dispečerskom centru
- instalirati neovisno od postoječeg SCADA sustava

Nivoi automatizacije:
1. daljinsko upravljanje, lokacija kvara i daljinska izolacija kvara
2. daljinsko upravljanje, lokacija kvara i izolacija kvara djelovanjem lokalne automatike
3. 1+2+automatska restauracija pogona mreže uz pomoć odgovarajućeg algoritma
(nije potrebna intervencija operatera u Centru)

Standardi

IEC 60870-5-101, 60265-1, 60439-1

Blok shema sustava daljinskog upravljanja KonDUR 2000 (stranica 214)

REMOTE CONTROL SYSTEM OF ISOLATING SWITCHES AND DISCONNECTORS IN MV NETWORKS – KonDUR 2000

The KonDUR 2000 Remote Control System is anticipated for remote control of isolating switches and disconnectors in 12,24 and 38kV distribution networks from the dispatcher centre by means of radio connection.

Description The basic elenents of control system are presented in the mimic diagram, and they are made up of: switching device with auxiliary contacts, voltage transformer, defect indicator, and control box with installed DSR remote station with communication equimpent, charger with storage batteries and motor drive.

All control system elements are anticipated for installation on the concrete or steel-lattice tower. Quality of performance of system elements ensures permanent and safe operation in all weather conditions.

Technical dana

Switching device	Isolating switch of Fla type or disconnector of Flb type Nominal voltage 12,24 or 38 kV Nominal current 400,630A, 2000A	
Control box	Consumpition cca 50W (in stand-by regime) Environment temperature – 25°C to +40°C Protection level IP54 (for outdoor installation; heater + valve elements) Dimensions (HxW/L): 850x550/250mm	
Feeding	100 V (voltage transformer 10(209/0.1 kV-150VA) 24VDC (charger with batteries-continious feeding, autonomy 48h/200 cycles)	
Motor drive	Direct , 24 VDC/360 Nm	
Remote station	Type DSR 100(CPU Intel 87C196) 12 digital inputs/ 2 digital outputs 8 analog inputs IEC 60870-5-101 communication protocol RS232 communication interface Integrated radio modem	
Centre-directed data	**Standard**	- Position of switching device - Control method (local/remote) - Position of box door - Input feeding status - Charger driving status - Temperature of the box interior - Defect behind the switching device
	Optional	- Phase currents and voltage values - Automatic switching-off in the potential-free pause

Radio FM area, output power and frequency depend on the permisssion of the Telecommunication Institute

Remote control centre

It is possible to execute the following with the Remote Control System of KonDUR 2000

Switching Devices:

- to integrate into the existing SCADA system in the dispatcher centre
- to install independently of the existing SCADA system

The automation levels:

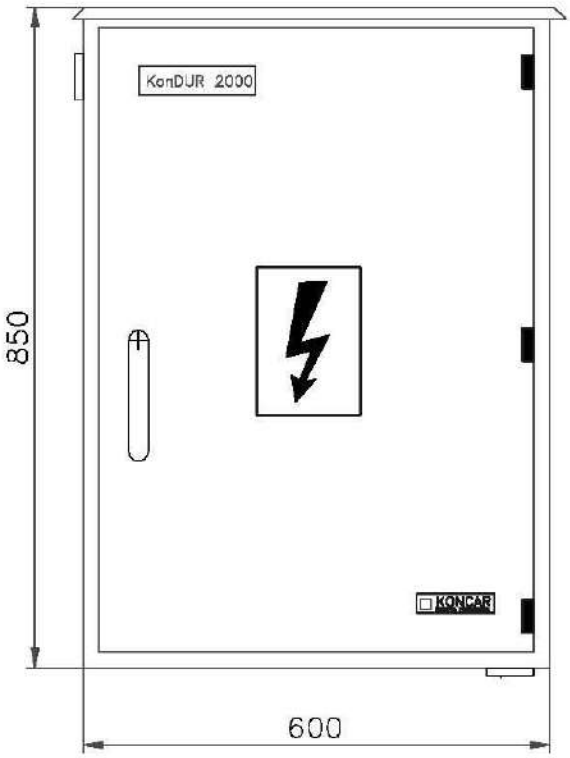
1. Remote control, defect locating and remote defect isolation
2. Remote control, defect locating and remote defect isolation by local automatic intervention
3. 1+2+ automatic network drive restoration by means of the appropriate algorithm (Operator intervention in the Centre is not necessary)

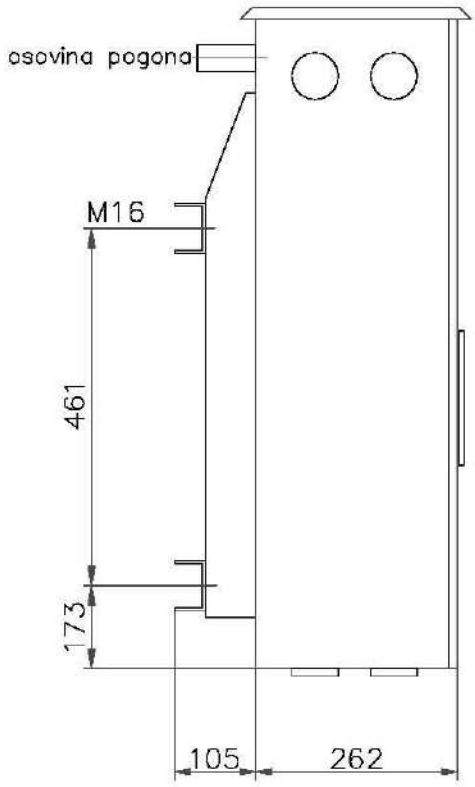
Standards

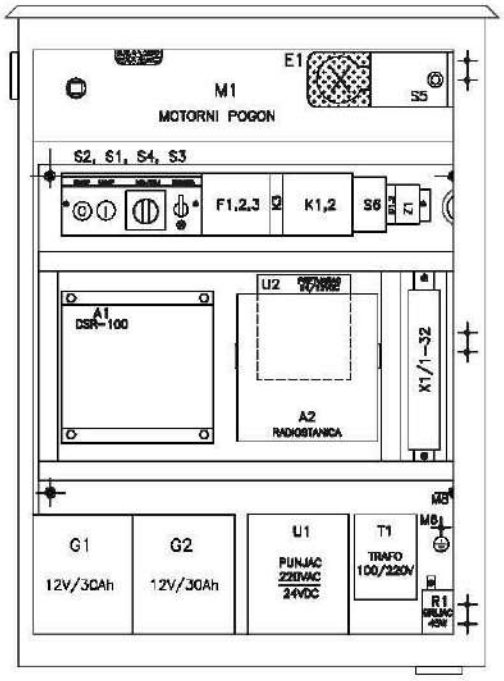
IEC 60870-5-101, 60265-1, 60439-1

Mimic diagram of remote control system of KonDUR 2000 (page 214)

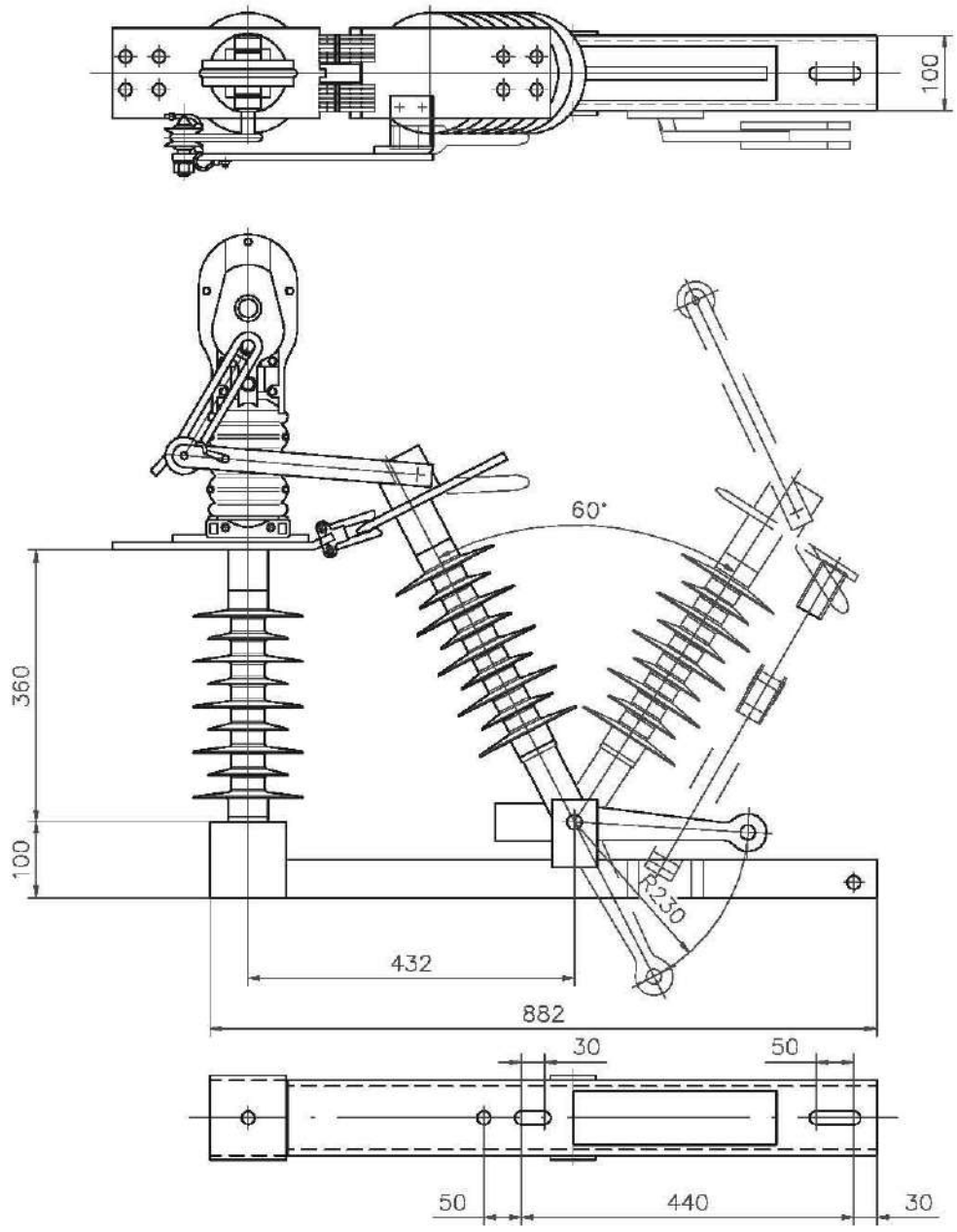
ORMARIĆ DALJINSKOG UPRAVLJANJA
REMOTE CONTROL BOX







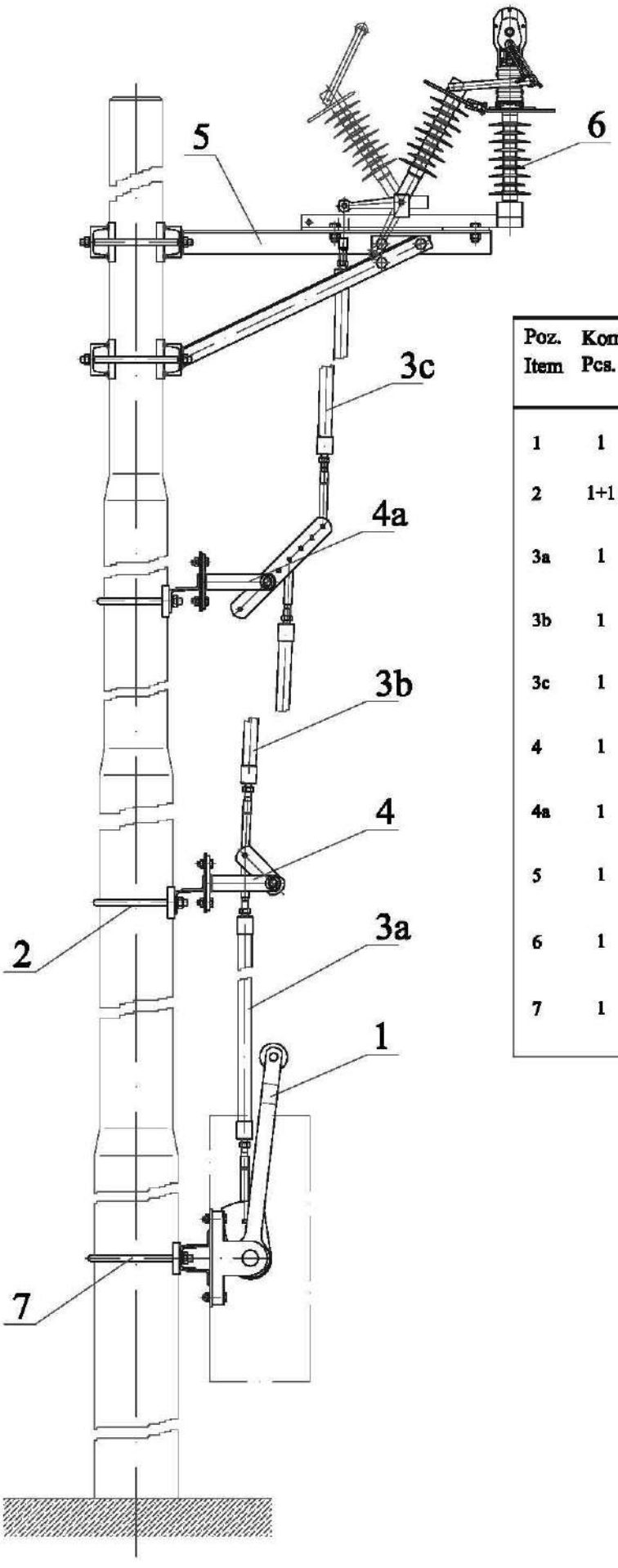
RASTAVLJAC SNAGE 25kV, 50 Hz, 2000 A
SURGE ARRESTER 25 kV, 50 Hz, 2000 A



- Jednopolni ucinski rastavlja~ za ugradnju na otvorenom s kompozitnim izolatorima
- Najkraca puzna staza 765 mm
- Pogonski napon 25 kV, 50 Hz
- Nazivna struja i nazivna struja isklapanja 2000 A (za zeljeznicka postrojenja s vakuumskom komorom za gasenje luka i pojacanom preklopnom mehanikom a produljenje zivotne dobi od najmanje 5000 ukapcanja)
- Sigurni zracni razmak 400 mm
- Kompozitni izolatori s duljinom strujne staze 765 mm

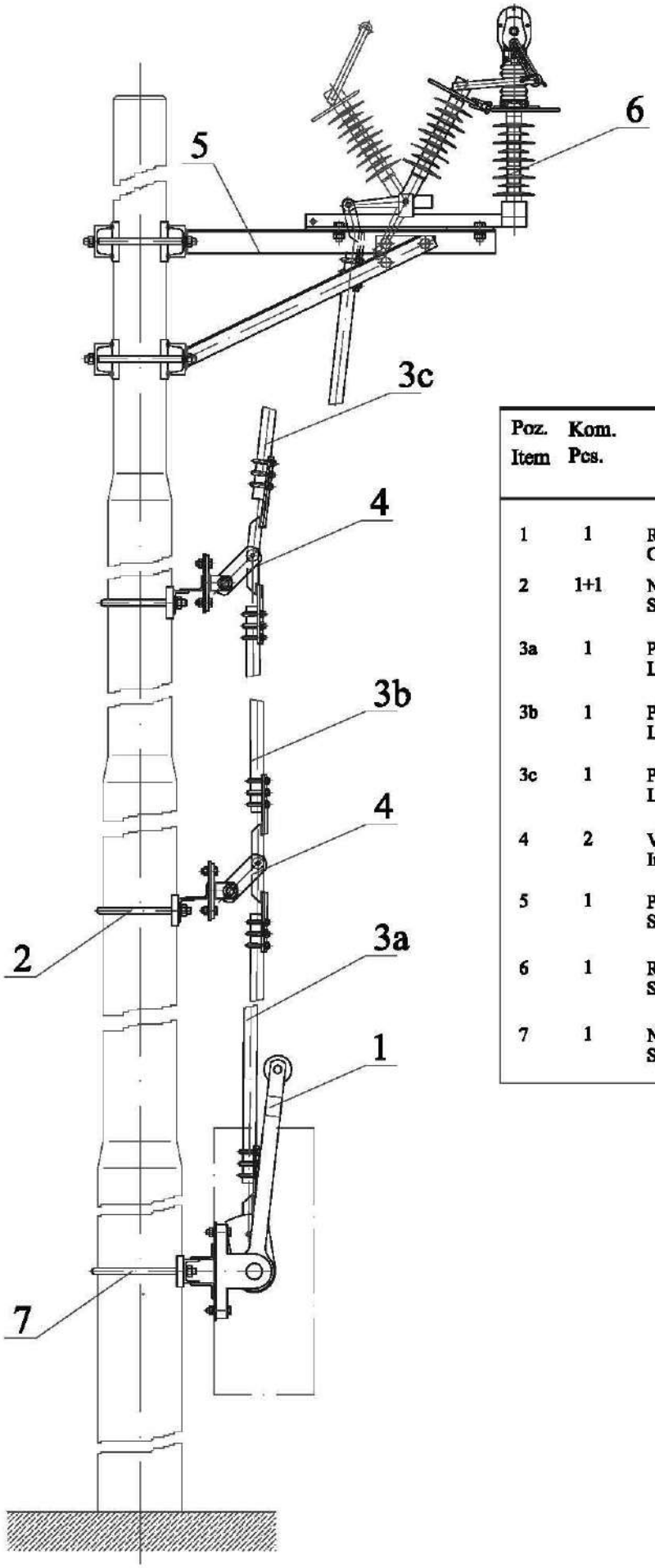
- Single pole surge arester for outdoor installation with composite insulators
- The shortest creepage distance 765 mm
- Operational voltage 25 kV, 50 Hz
- Nominal current and nominal disconnecting current 2000 A (for railway facilities with vacuum chamber for arc quenching and amplified switching in unit and life time extension of minimum 5000 switching-in)
- Clearance 400 mm
- Composite insulators with creepage distance length 765 mm

POGONSKO POLUŽJE ZA RUČNI POGON
HAND DRIVE DEVICES FOR SURGE ARRESTER



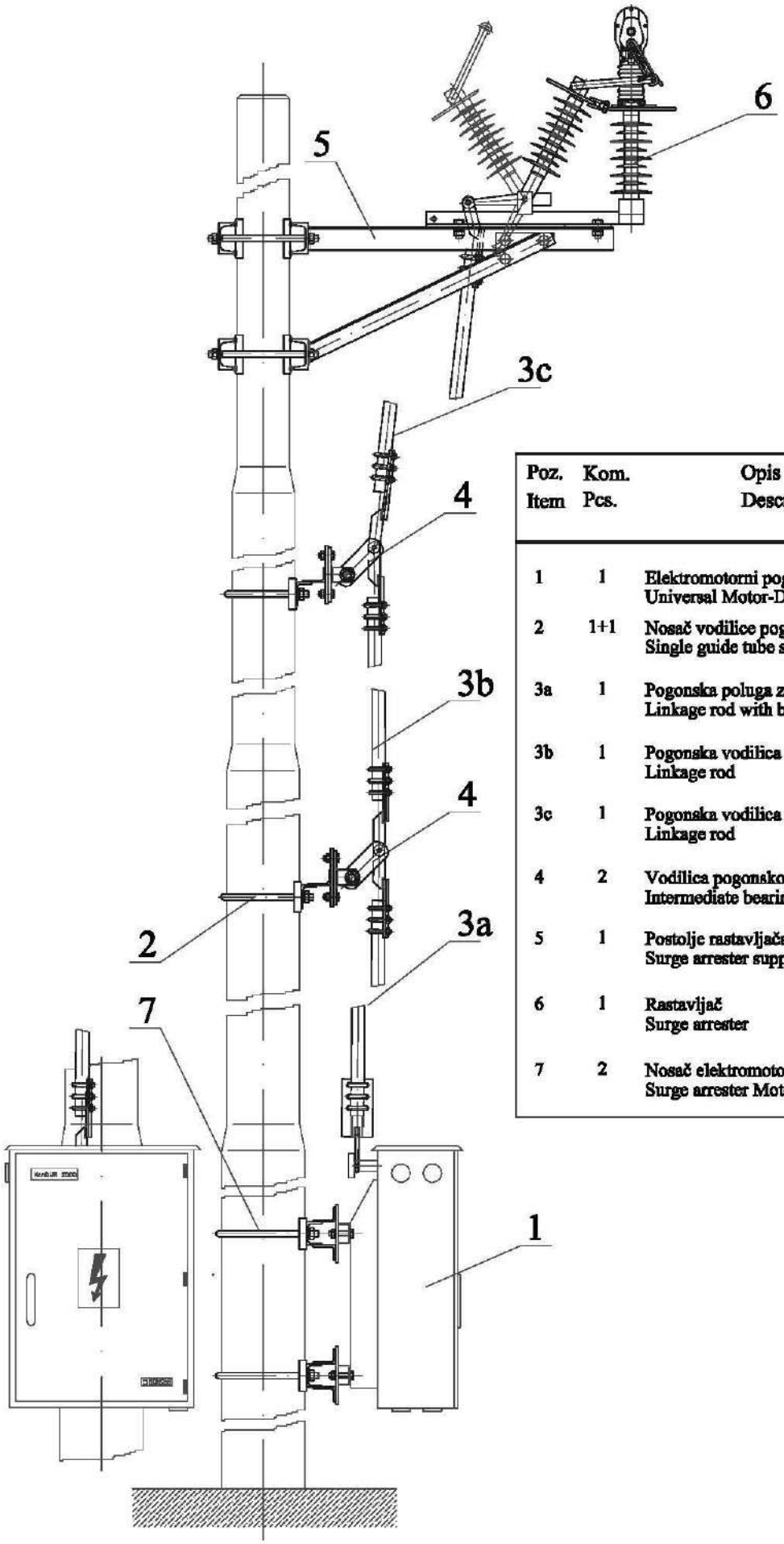
Poz. Item	Kom. Pcs.	Opis Description
1	1	Ručni pogon Outdoor Hand-Operated Actuator
2	1+1	Nosač vodilice pogonskog poluŽja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod with bearing bush
3b	1	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska vodilica za vezu rastavljača sa vodilicom Linkage rod
4	1	Vodilica pogonskog poluŽja Intermediate bearing with link bush
4a	1	Vodilica pogonskog poluŽja Intermediate bearing with link bush
5	1	Postolje rastavljača Surge arrester support
6	1	Rastavljač Surge arrester
7	1	Nosač ručnog pogona rastavljača Surge arrester hand drive gear support

POGONSKO POLUŽJE ZA RUČNI POGON
HAND DRIVE DEVICES FOR SURGE ARRESTER



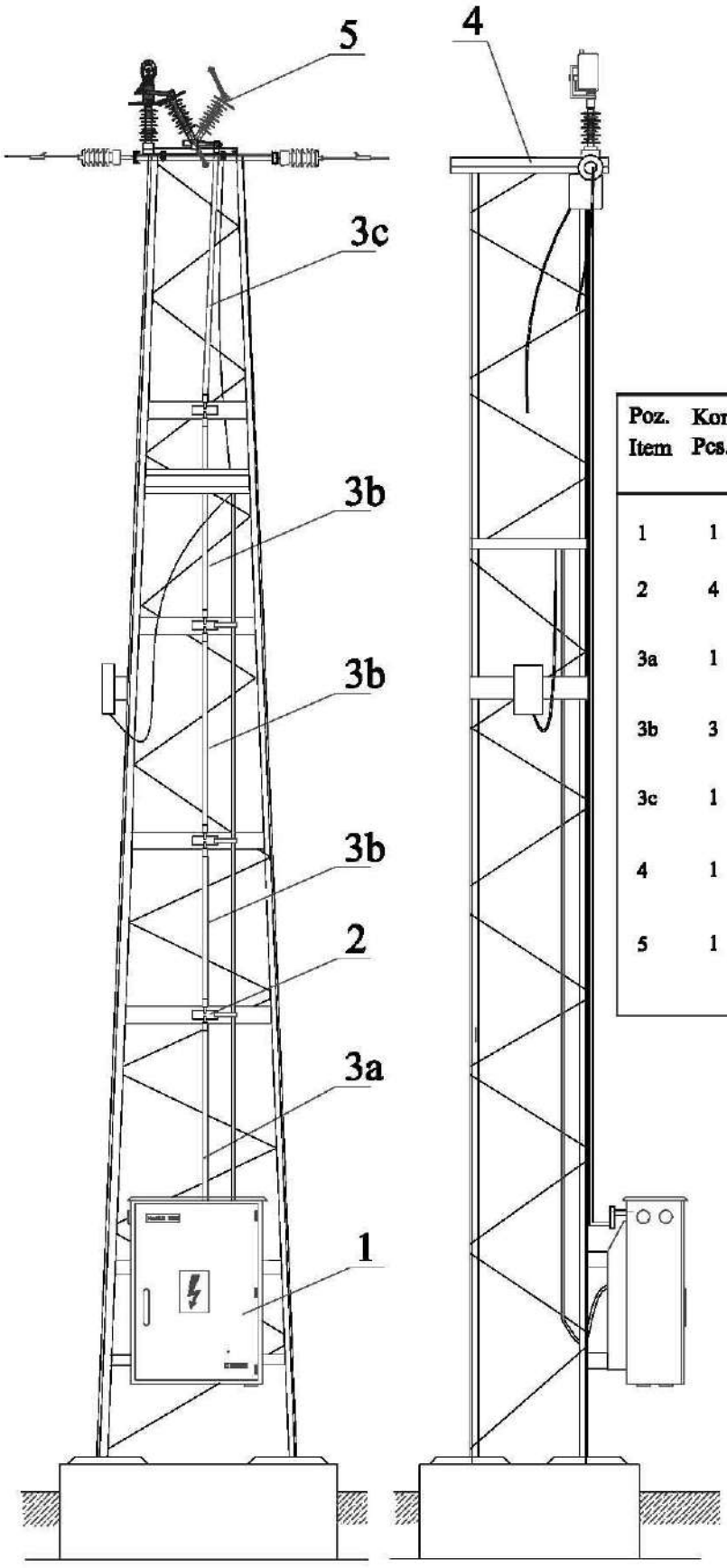
Poz. Item	Kom. Pcs.	Opis Description
1	1	Ručni pogon Outdoor Hand-Operated Actuator
2	1+1	Nosač vodilice pogonskog polužja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod
3b	1	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska vodilica za vezu rastavljača sa vodilicom Linkage rod
4	2	Vodilica pogonskog polužja Intermediate bearing with link bush
5	1	Postolje rastavljača Surge arreaster support
6	1	Rastavljač Surge arrester
7	1	Nosač ručnog pogona rastavljača Surge arrester hand drive gear support

POGONSKO POLUŽJE ZA SUSTAV DALJINSKOG UPRAVLJANJA NA CIJEVNOM STUPU
MOTOR DRIVE DEVICES FOR SURGE ARRESTER ON TUBULAR POLE



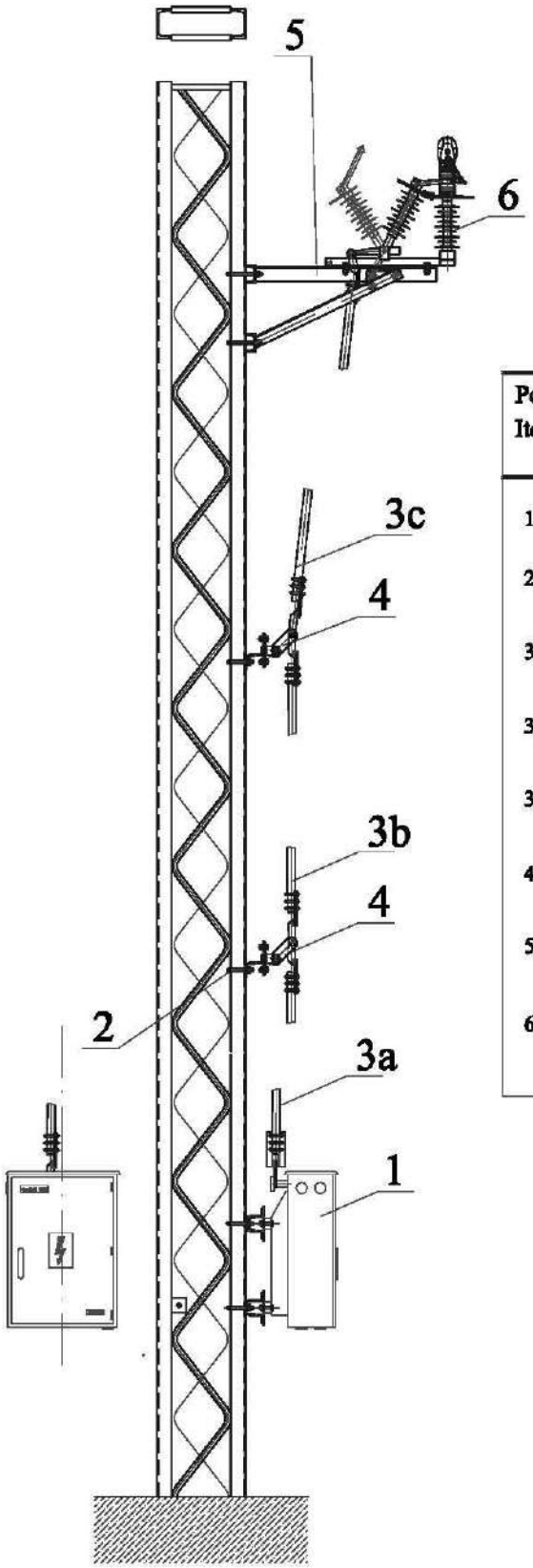
Poz. Item	Kom. Pcs.	Opis Description
1	1	Elektromotorni pogon KonDUR 2000 Universal Motor-Drive KonDUR 2000
2	1+1	Nosač vodilice pogonskog polužja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i elektromotornog pogona Linkage rod with bearing bush
3b	1	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska vodilica za vezu rastavljača sa vodilicom Linkage rod
4	2	Vodilica pogonskog polužja Intermediate bearing with link bush
5	1	Postolje rastavljača Surge arrester support
6	1	Rastavljač Surge arrester
7	2	Nosač elektromotornog pogona rastavljača Surge arrester Motor-Drive gear support

POGONSKO POLUŽJE ZA SUSTAV DALJINSKOG UPRAVLJANJA NA KRUTOM PORTALU
MOTOR DRIVE DEVICES FOR SURGE ARRESTER FOR RIGID PORTALS



Poz. Item	Kom. Pcs.	Opis Description
1	1	Elektromotorni pogon KonDUR 2000 Universal Motor-Drive KonDUR 2000
2	4	Vodilica pogonskog polužja Intermediate bearing with link bush
3a	1	Pogonska poluga za vezu vodilice i elektromotornog pogona Linkage rod with bearing bush
3b	3	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska vodilica za vezu rastavljača sa vodilicom Linkage rod
4	1	Postolje rastavljača Surge arrester support
5	1	Rastavljač Surge arrester

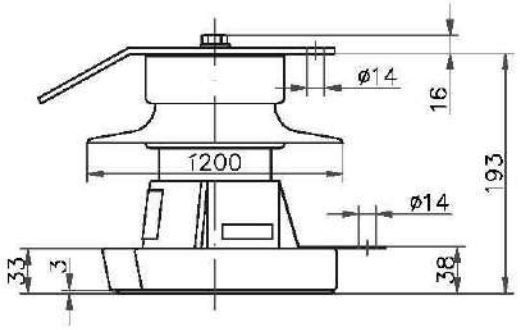
POGONSKO POLUŽJE ZA SUSTAV DALJINSKOG UPRAVLJANJA NA STUPU OD 2U PROFILA
MOTOR DRIVE DEVICES FOR SURGE ARRESTER ON LATICE POLE OF 2 U PROFILES



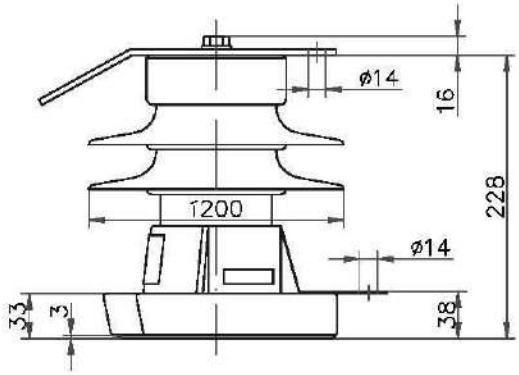
Poz. Item	Kom. Pcs.	Opis Description
1	1	Elektromotorni pogon KonDUR 2000 Universal Motor-Drive KonDUR 2000
2	2	Nosač vodilice pogonskog polužja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i elektromotornog pogona Linkage rod with bearing bush
3b	1	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska vodilica za vezu rastavljača sa vodilicom Linkage rod
4	2	Vodilica pogonskog polužja Intermediate bearing with link bush
5	1	Postolje rastavljača Surge arrester support
6	1	Rastavljač Surge arrester

ODVODNICI PRENAPONA
LIGHTENINIG ARRESTER

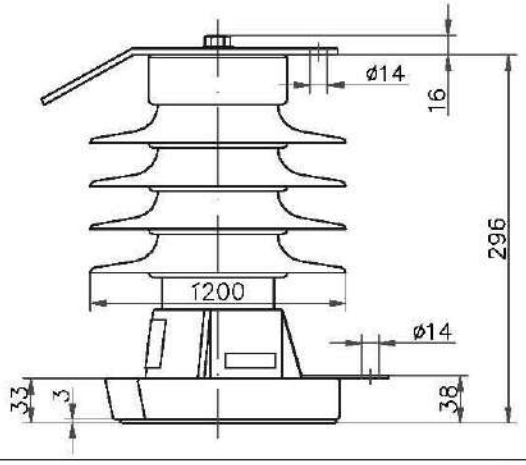
SIZE I



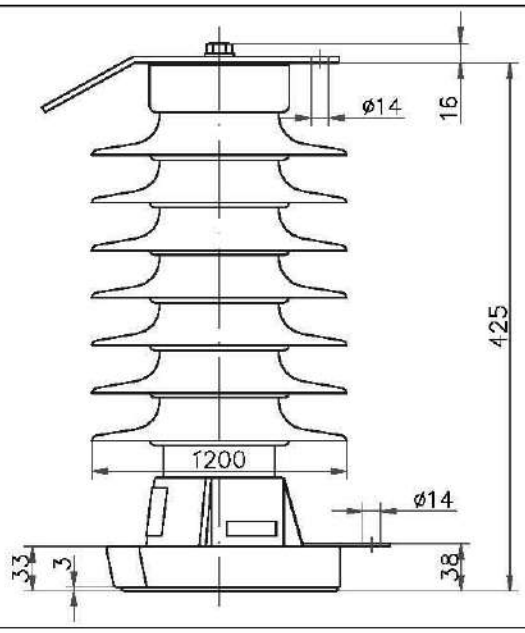
SIZE II



SIZE III



SIZE IV

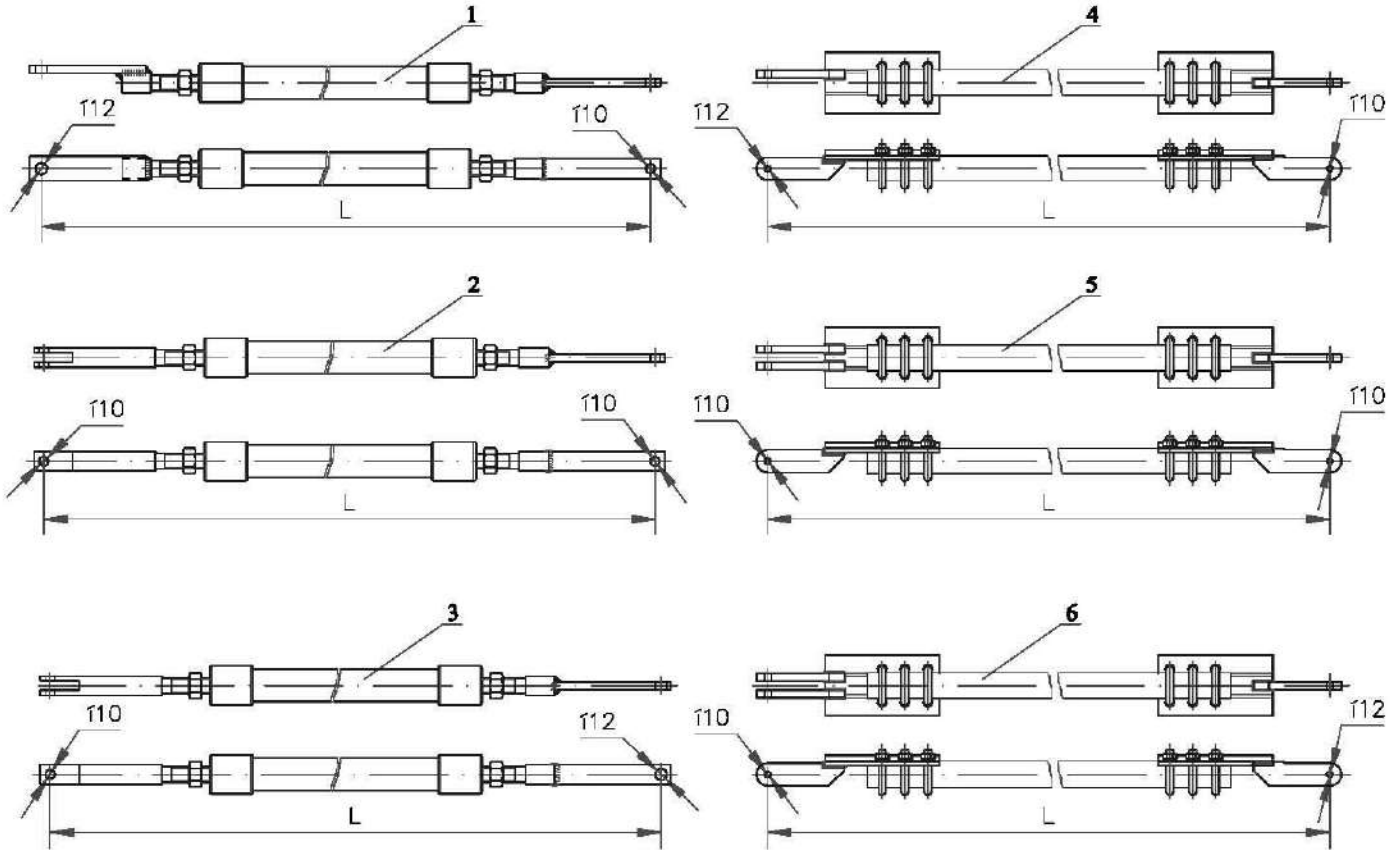


SIEMENS

Tip Housing size	Ugradbena mjera Thread measure [mm]	Klizna staza Creepage distance [mm]	Broj rebara Shed form	Maksimalno podnosiva struja pražnjenja Pressure relief capability [kA]	Najvece opterecenje staticko dinamicko Top load static [kN]	dynamic [kN]
I	100	125	1	40	12	30
II	130	230	2	40	5.5	14
III	195	460	4	40	4	10
IV	297	800	7	40	2.8	7

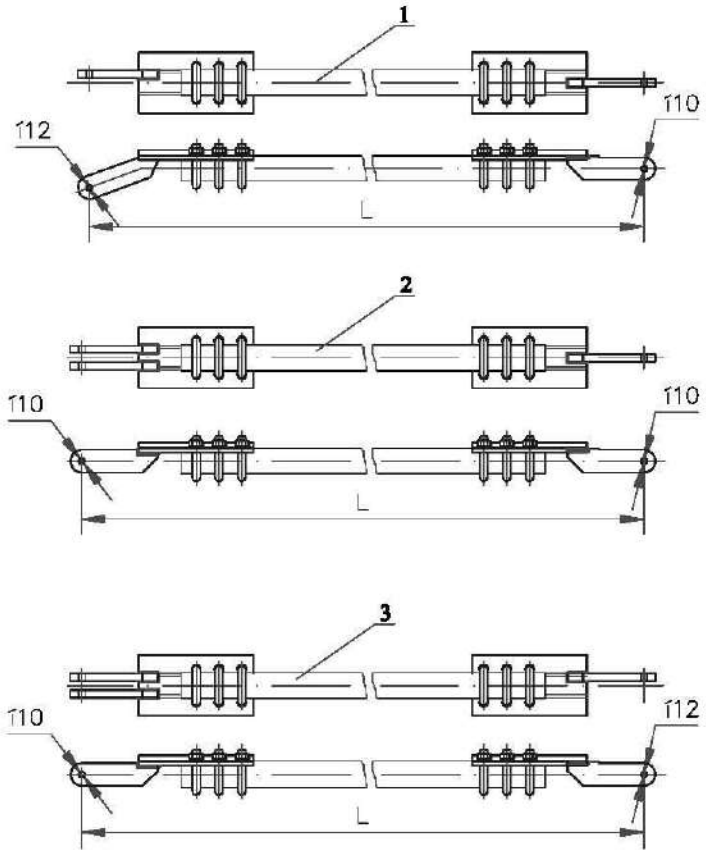
AC sustav do 25 kV i DC sustav do 3 kV/AC systems up to 25kV and DC systems up to 3 kV

POGONSKO POLUŽJE ZA RUČNI POGON RASTAVLJAČA
HAND DRIVE SURGE ARRESTER DEVICES



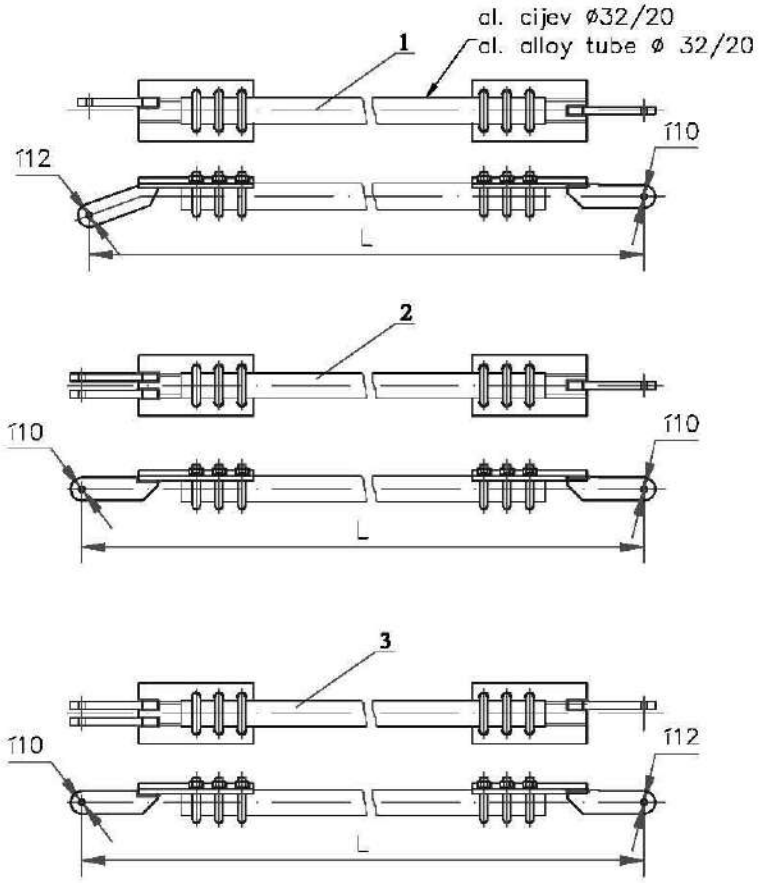
Poz. Item	Opis Description	L (mm)	Kat. broj Cat. no.
1	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.64.103C
		2450	64.ER.64.103B
		2800	64.ER.64.103A
2	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.64.102C
		2450	64.ER.64.102B
		2800	64.ER.64.102A
3	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod	2000	64.ER.64.101C
		2450	64.ER.64.101B
		2800	64.ER.64.101A
4	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.74.103C
		2450	64.ER.74.103B
		2800	64.ER.74.103A
5	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.74.102C
		2450	64.ER.74.102B
		2800	64.ER.74.102A
6	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod	2000	64.ER.74.101C
		2450	64.ER.74.101B
		2800	64.ER.74.101A

POGONSKO POLUŽJE ZA ELEKTROMOTORNI POGON RASTAVLJAČA
MOTOR DRIVE SURGE ARRESTER DEVICES



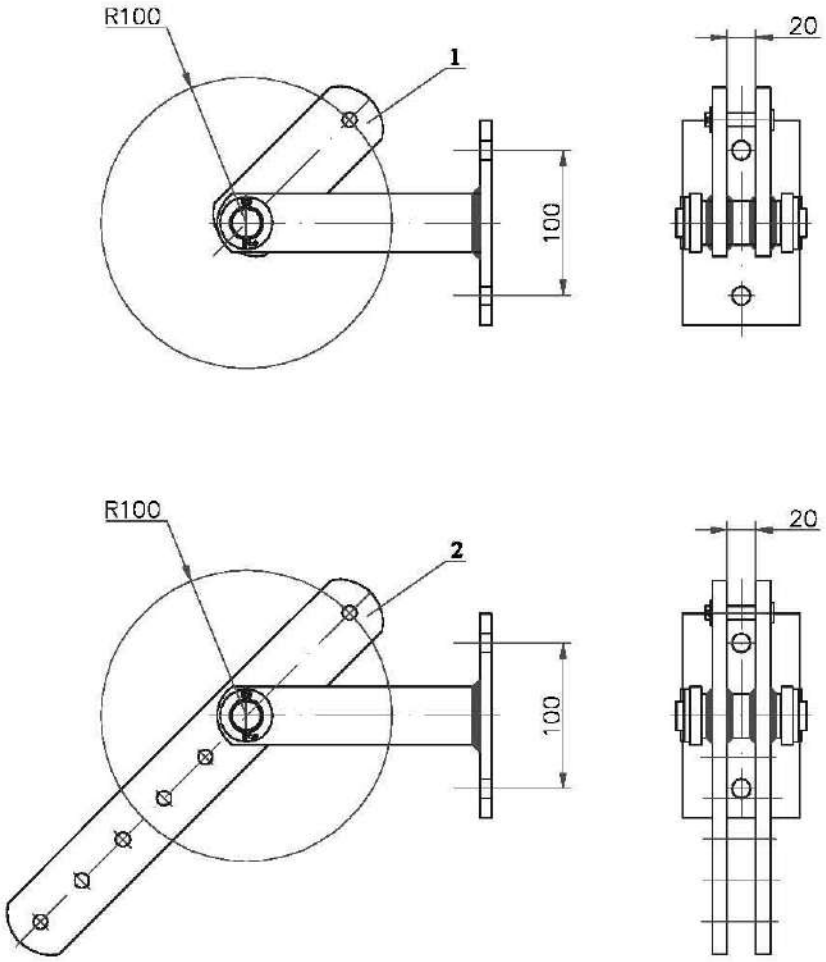
Poz. Item	Opis Description	L (mm)	Kat. broj Cat. no.
1	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.75.103C
		2450	64.ER.75.103B
		2800	64.ER.75.103A
2	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.74.102C
		2450	64.ER.74.102B
		2800	64.ER.74.102A
3	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod	2000	64.ER.75.101C
		2450	64.ER.75.101B
		2800	64.ER.75.101A

POGONSKO POLUŽJE ZA ELEKTROMOTORNI POGON RASTAVLJAČA
MOTOR DRIVE SURGE ARRESTER DEVICES



Poz. Item	Opis Description	L (mm)	Kat. broj Cat. no.
1	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.85.103C
		2450	64.ER.85.103B
		2800	64.ER.85.103A
2	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.85.102C
		2450	64.ER.85.102B
		2800	64.ER.85.102A
3	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod	2000	64.ER.85.101C
		2450	64.ER.85.101B
		2800	64.ER.85.101A

VODILICE POGONSKOG POLUŽJA ZA POGON RASTAVLJAČA
LAVERAGE JOINT

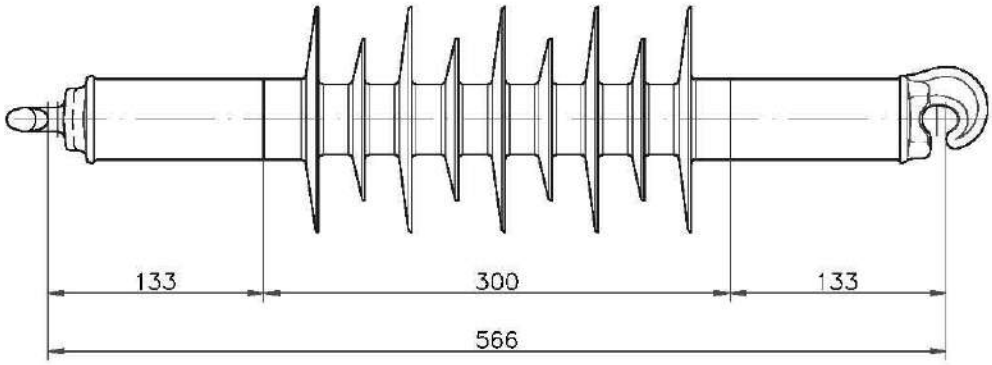


Poz. Item	Opis Description	Kat. broj Cat. no.
1	Vodilica pogonskog poluzja Laverage joint	64.ER.55.100
2	Vodilica pogonskog poluzja-specijal za rucni pogon Laverage joint	64.ER.55.100A

7 IZOLATORI
INSULATORS

IZOLATOR ZATEGE

TENSION INSULATOR

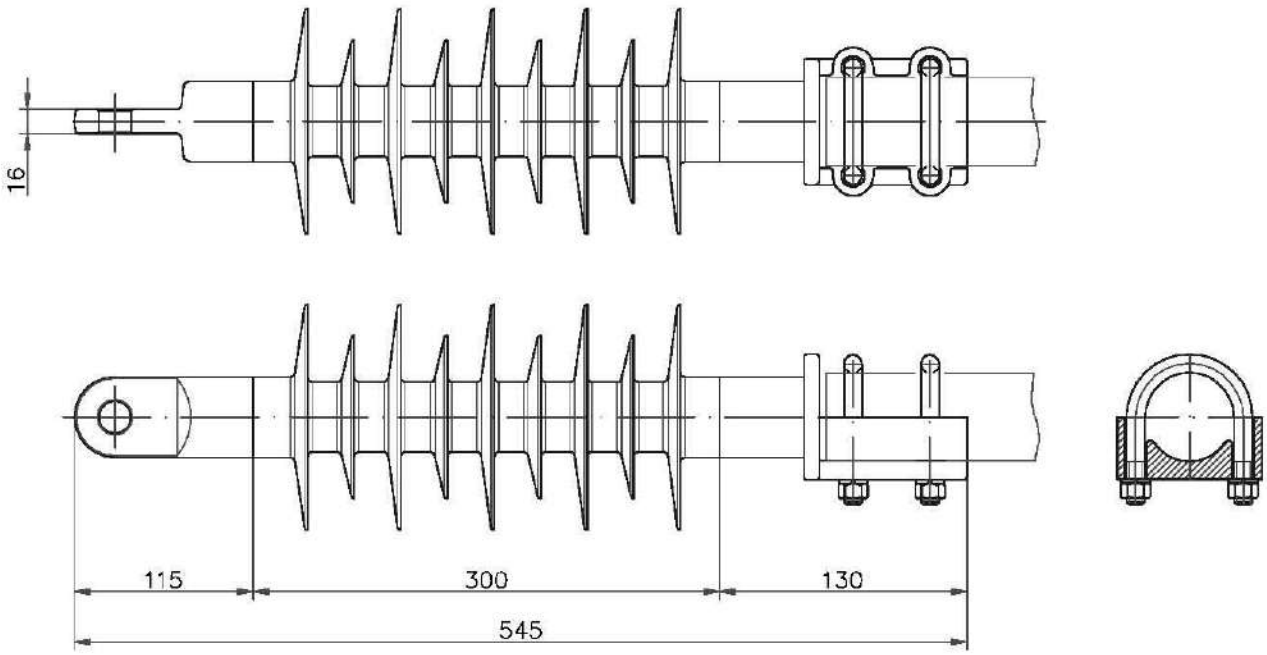


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	1.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR POTPORE

POST INSULATOR

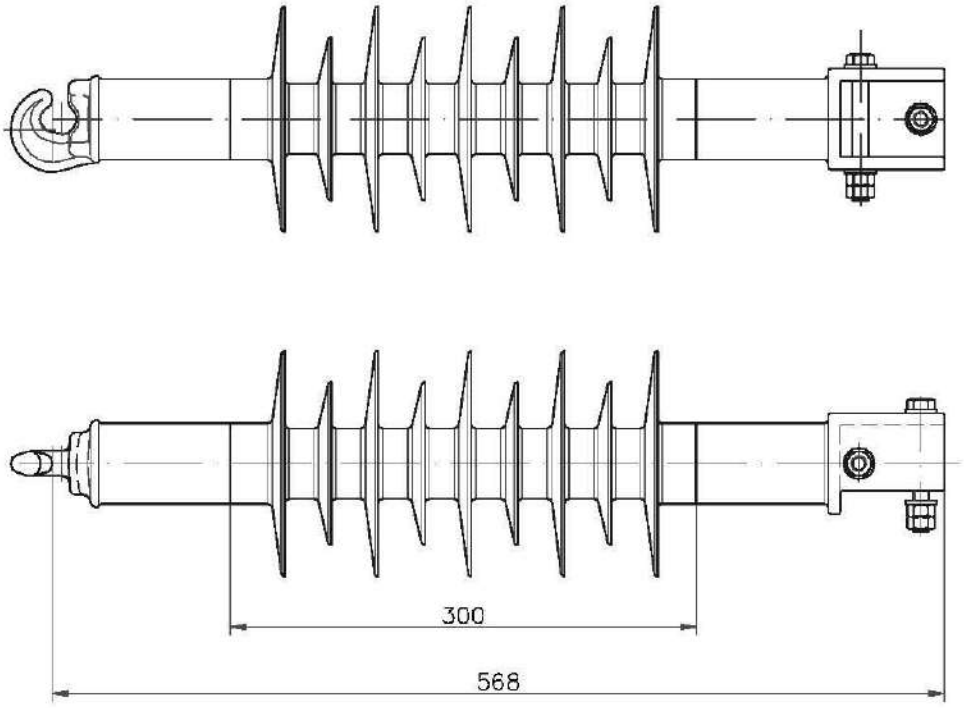


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	4.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR POTPORE

POST INSULATOR

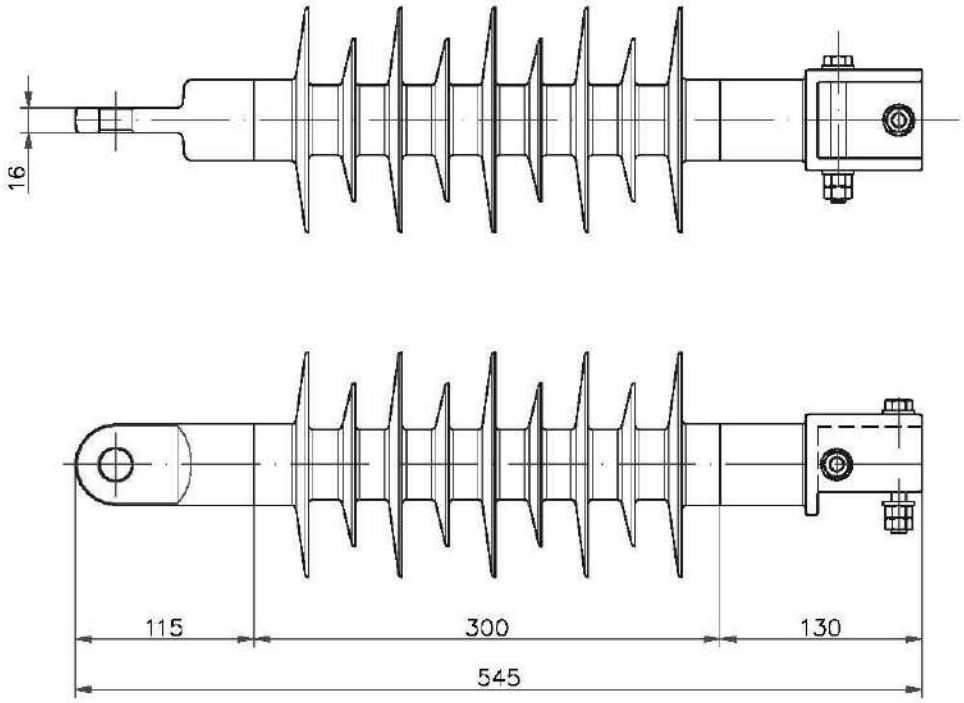


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	1.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR KOSNIKA

CANTTILEVER INSULATOR

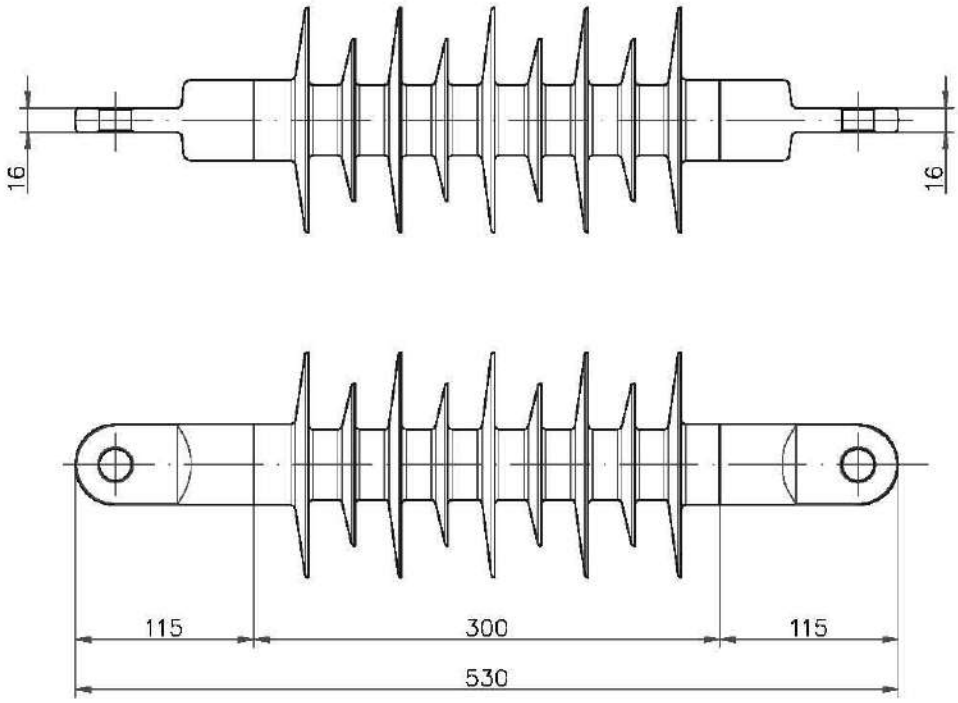


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	4.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR ZATEGE

TENSION INSULATOR

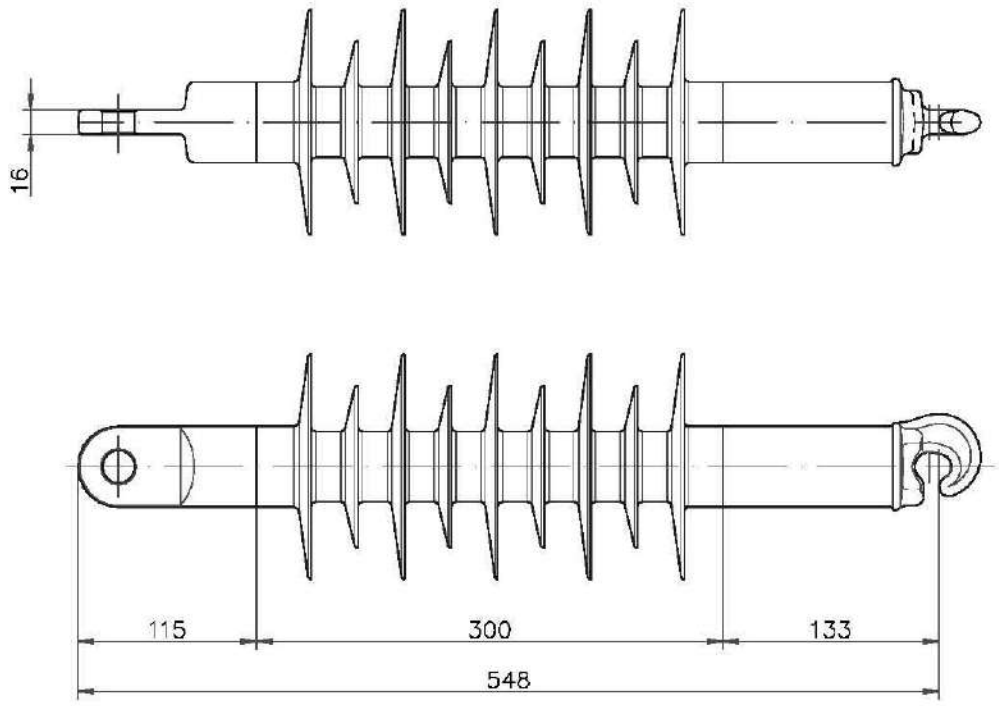


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	1.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR ZATEGE

TENSION INSULATOR

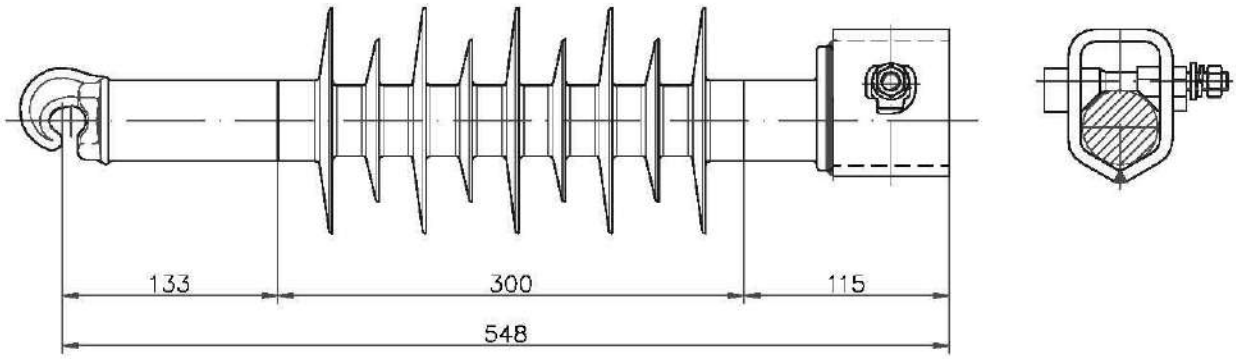


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	1.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR POTPORE

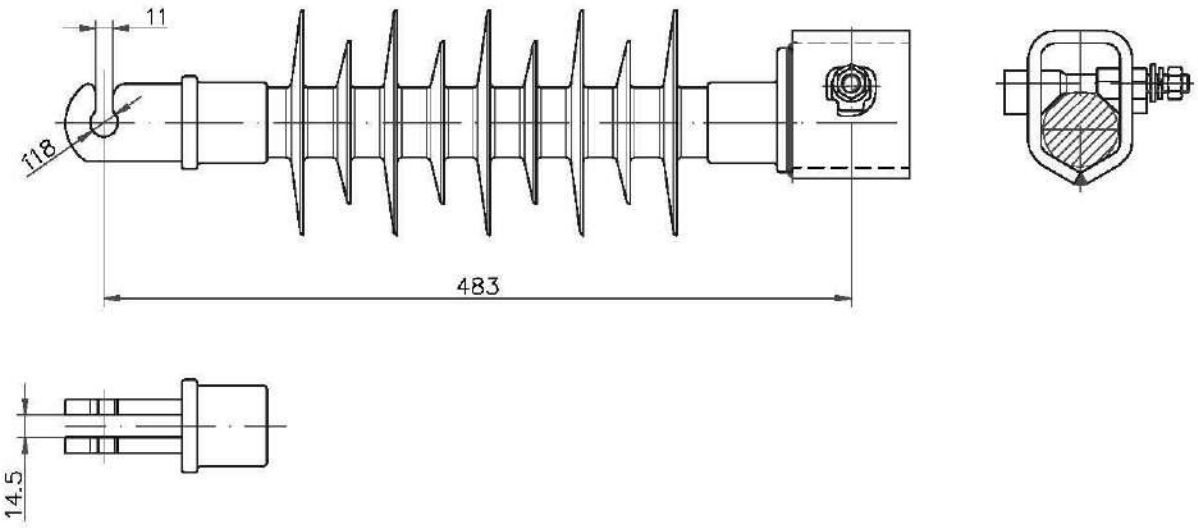
POST INSULATOR



TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage).....25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)
-suho (dry).....150 kV
-na kiši (wet).....100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)
-(+) polaritet.....270 kV
-(-) polaritet.....300 kV
Minimalna klizna staza (Minimum creepage distance)..... 950 mm
Specificirana mehanička sila (Specificed mechanical load)
-vlak (tension).....30 kN
-moment savijanja (bending).....1.0 kNm
Broj rebara (Number of sheds).....5/4
Masa (mass).....3.6 kg

IZOLATOR KOSNIKA ZA CIJEV Ø41, Ø48, Ø51
CANTILEVER INSULATOR FOR TUBE Ø41, Ø48, Ø51

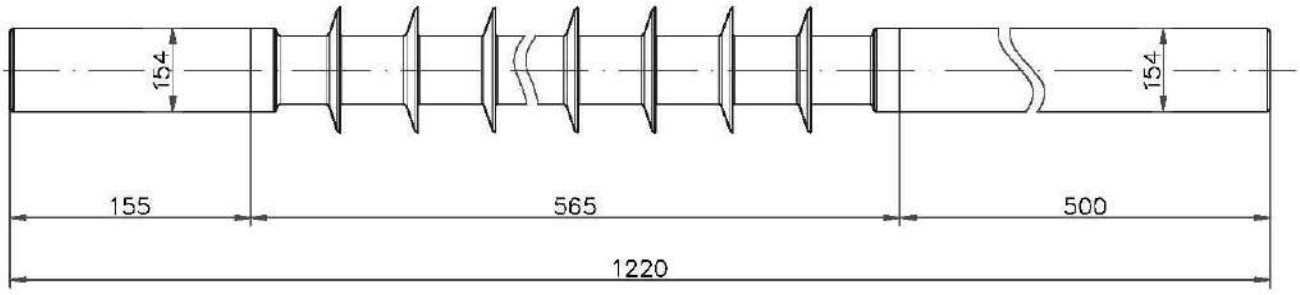


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	1.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

IZOLATOR KONZOLE

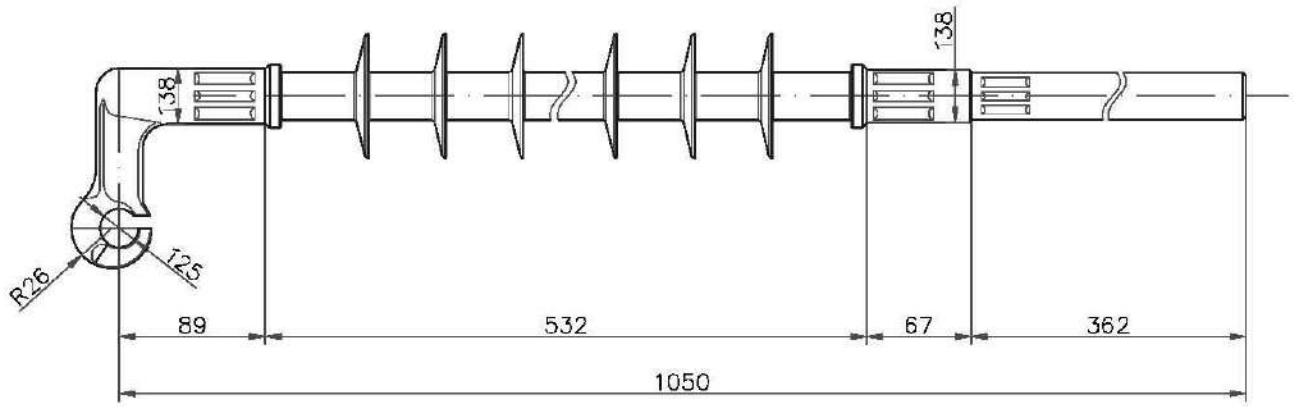
CANTILEVER INSULATOR



TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	130 kV
-na kiši (wet)	95 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	240 kV
-(-) polaritet	290 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specified mechanical load)	
-vlak (tension)	100 kN
Broj rebara (Number of sheds)	10
Masa (mass)	6.5 kg

IZOLATOR POLIGONATORA
STADY ARM INSULATOR

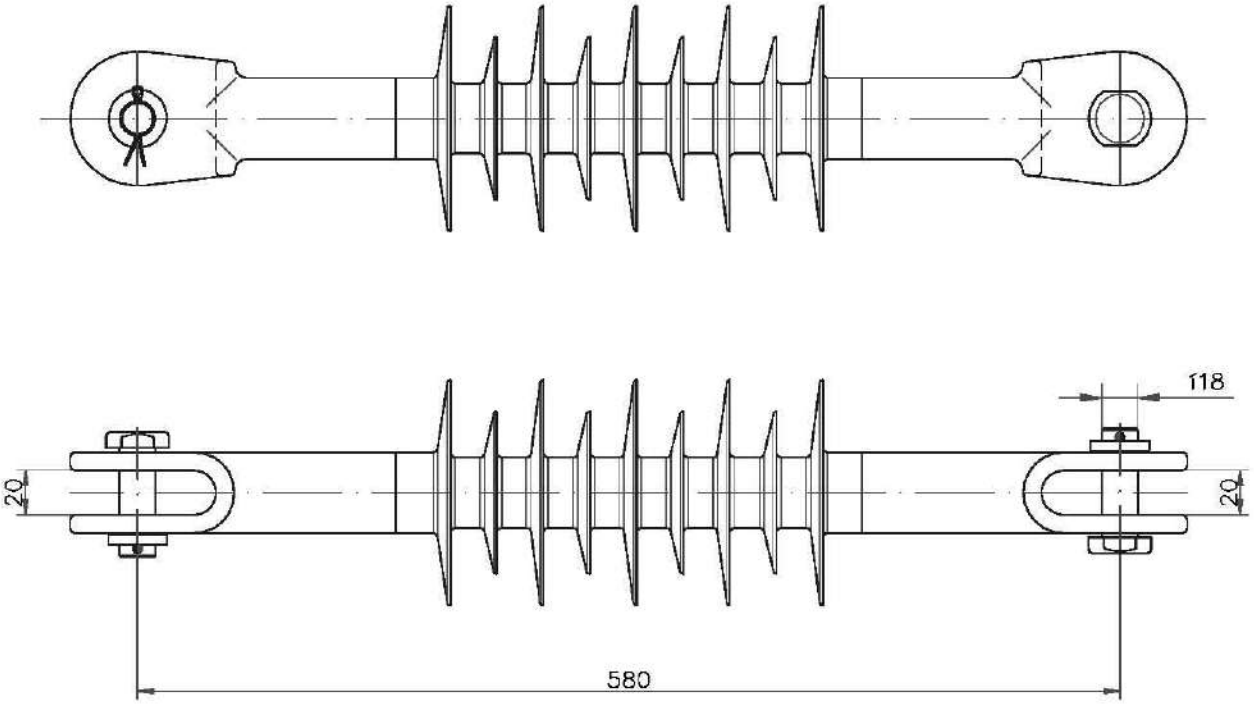


TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage).....25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)
-suho (dry).....150 kV
-na kiši (wet).....125 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)
-(+) polaritet.....270 kV
-(-) polaritet.....300 kV
Minimalna klizna staza (Minimum creepage distance).....915 mm
Specificirana mehanička sila (Specified mechanical load)
-vlak (tension).....6 kN
Broj rebara (Number of sheds).....9
Masa (mass).....3.6 kg

IZOLATOR ZATEGE

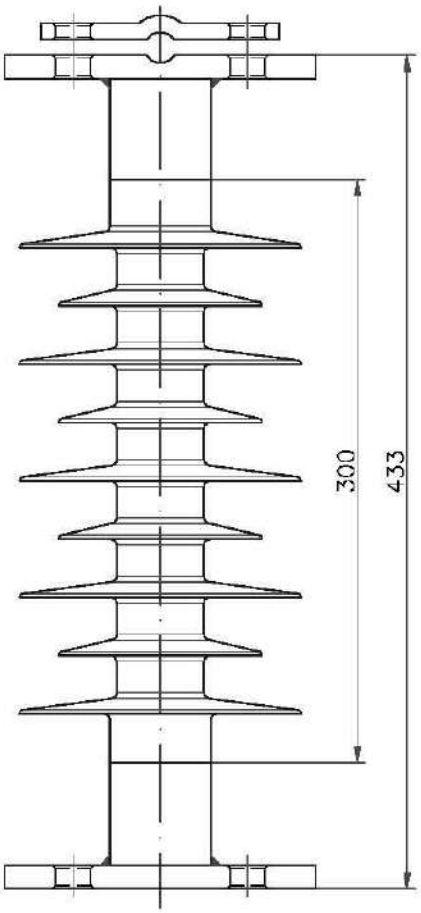
TENSION INSULATOR



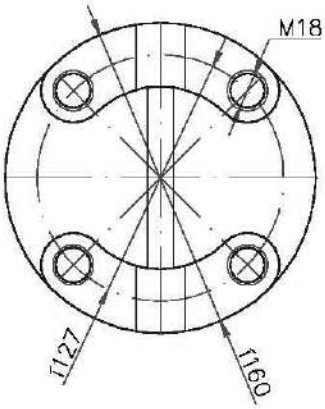
TEHNIČKI PODACI (TECHNICAL DATA)

Najviši napon mreže (Rated voltage)	25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)	
-suho (dry)	150 kV
-na kiši (wet)	100 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)	
-(+) polaritet	270 kV
-(-) polaritet	300 kV
Minimalna klizna staza (Minimum creepage distance)	950 mm
Specificirana mehanička sila (Specificed mechanical load)	
-vlak (tension)	30 kN
-moment savijanja (bending)	1.0 kNm
Broj rebara (Number of sheds)	5/4
Masa (mass)	3.6 kg

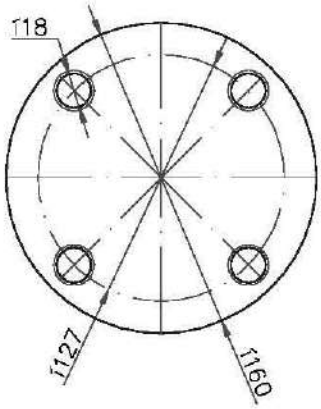
POTPORNI IZOLATOR OBILAZNOG VODA
POST INSULATOR



Pogled odgore
Top view



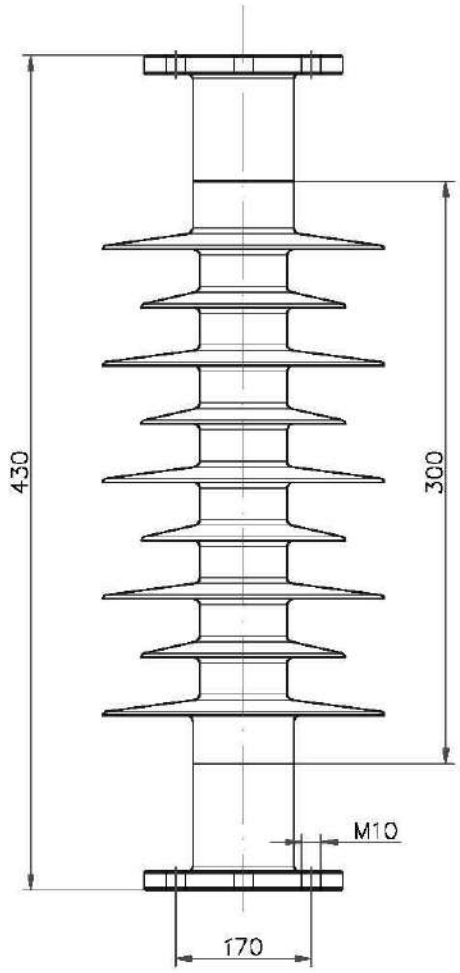
Pogled oddolje
Bottom view



TEHNICKI PODATCI (TECHNICAL DATA)

Najvisi napon mreze (Rated voltage).....25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)
-suho (dry).....135 kV
-na kisi (wet).....95 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)
-(+) polaritet.....270 kV
-(-) polaritet.....300 kV
Minimalna klizna staza (Minimum creepage distance).....950 mm
Specificirana mehanicka sila (Specificed mechanical load)
-vlak (tension).....7 kN
-moment savijanja (bending).....4.2 kNm
Broj rebara (Number of sheds).....5/4
Masa (mass).....6.5 kg

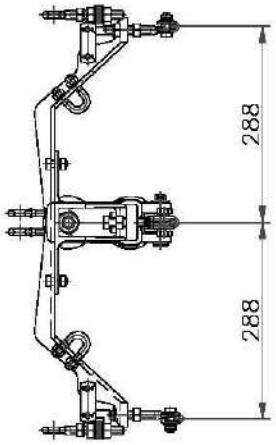
IZOLATOR RASTAVLJAČA
SURGE ARRESTER INSULATOR

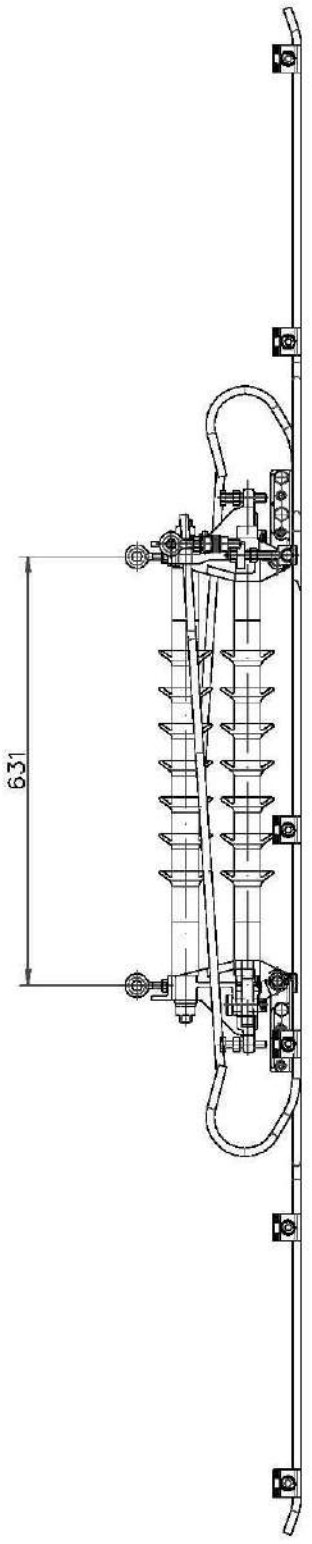


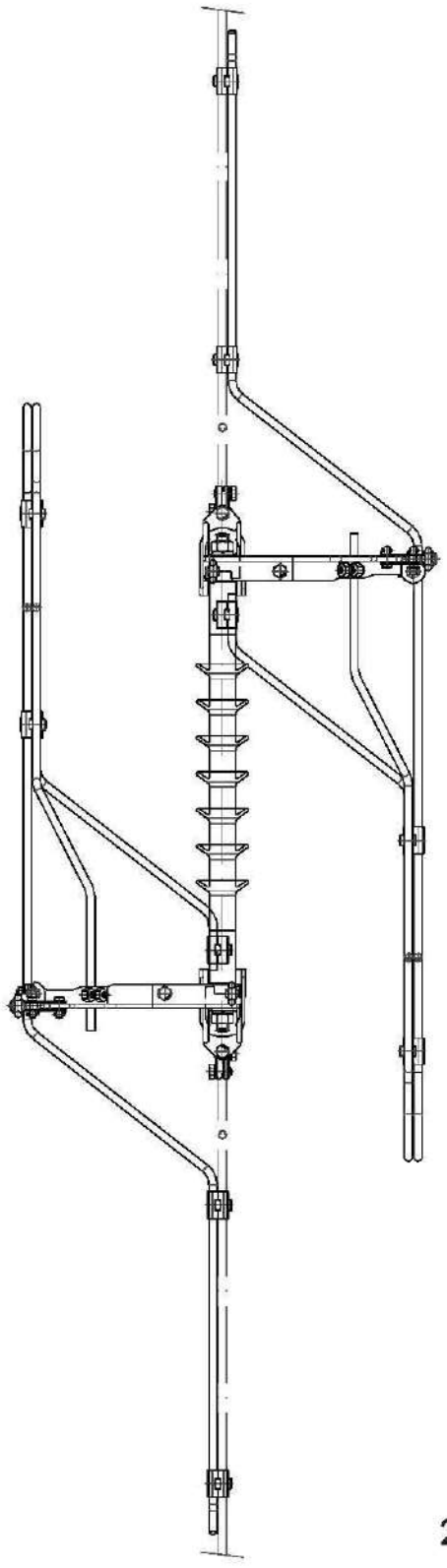
TEHNICKI PODATCI (TECHNICAL DATA)

Najvisi napon mreze (Rated voltage).....25 kV
Podnosivi napon kroz 1 min., (Rated withstand voltage 1 min., 50 Hz)
-suho (dry).....135 kV
-na kisi (wet).....95 kV
Udarni atmosferski podnosivi napon, 1.2/50 (Lighting impuls withstand voltage 1.2/50)
-(+) polaritet.....270 kV
-(-) polaritet.....300 kV
Minimalna klizna staza (Minimum creepage distance).....950 mm
Specificirana mehanicka sila (Specificed mechanical load)
-vlak (tension).....7 kN
-moment savijanja (bending).....4.2 kNm
Broj rebara (Number of sheds).....5/4
Masa (mass).....3.5 kg

SEKCIONI IZOLATOR
SECTION INSULATOR







TEHNIČKI PODACI (TECHNICAL DATA)

Napon mreže (Rated voltage)	25	kV
Putna brzina (Operating speed)	200	km
Radna sila zatezanja (Working strenght)	20	kN
Masa (mass)	19,50	kg













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Dalekovod, 2002. rev. 1