



DALEKOVOD



TOMINTEX
qualitative solutions

**oprema kontaktne
mreže**

**contact network
accessories**

SADRŽAJ - CONTENT



**Nosive konstrukcije
i pričvrsnici**

**Suspension structures
and fasteners**

1

**Tipska rješenja
konzola**

**Cantilever type
solutions**

2

**Ovjesna
oprema**

**Suspension
accessories**

3

**Oprema
za zatezanje**

**Tension
accessories**

4

**Oprema
za vozni vod**

**Contact line
accessories**

5

**Rastavljači i odvodnici
prednapona**

**Switch - disconnectors
and surge arresters**

6

Izolatori

Insulators

7

DJELATNOST DALEKOVODA

DALEKOVOD d.d. već pola stojića 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, sportskih objekata, željezničkih 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 vatrodjavu na prometnicama kao i oprema za sustav daljinskog upravljanja.

Polustoljetno iskustvo u razvoju, konstrukciji i proizvodnji ovjesne i spojne opreme za dalekovode i transformatorske stanice, te rezultati ispitivanja i iskustvo iz izgradnje i eksploatacije daju garanciju kvalitete, pouzdanosti i funkcionalnosti 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 međunarodnom 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.

ACTIVITIES OF DALEKOVOD

For half of century DALEKOVOD d.d., a joint stock company, has been designing, 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,
- transmission 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 manufactured 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 necessary 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 pričvršnike, 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 nacrti i ponudu zahtjevanje opreme.

Quality assurance has been organized according to ISO 9001 standard regulations and it includes engagement of all participants in the work process as well as all departments to achieve quality assurance.

All necessary 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 assemblies 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 maintenance 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 experience 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 which are stated in this catalogue it is necessary to send an inquiry with relevant technical documentation as the base for preparation of drawings and complete offer.

ISO 9001

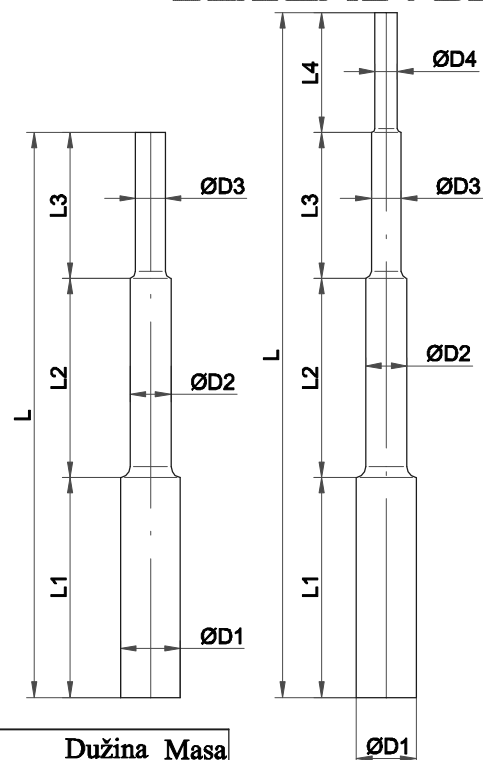


ISO 14001



CIJEVNI STUPOVI TUBULAR POLES

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



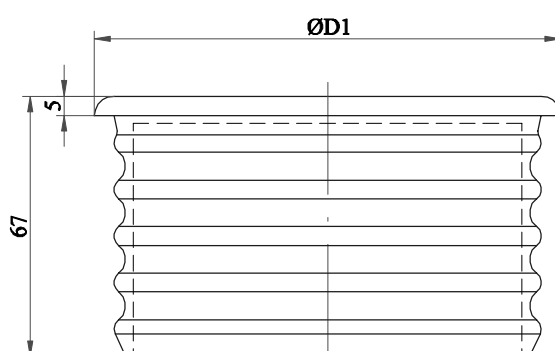
Kat.br.	Tip stupa	Debljina stijenke	Promjer segmenta				Dužina segmenta				Dužina stupa	Masa
Cat. No.	Pole type	Pole tickness	Diameter				Length				Pole length	Mass
	(mm)	(mm)	D1	D2 (mm)	D3	D4	L 1	L 2 (mm)	L 3	L 4	L (mm)	(kg)
101300	Z1	5,5	193,7	150	120		4200	2300	2500		9000	199
101400	Z2	5,5	219,1	180	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.	Tip stupa	Debljina stijenke	Promjer segmenta			Dužina segmenta			Dužina stupa	Masa
Cat. No.	Pole type	Pole thickness	Diameter			Length			Pole length	Mass
		(mm)	D1	D2 (mm)	D3	L 1	L 2 (mm)	L 3	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

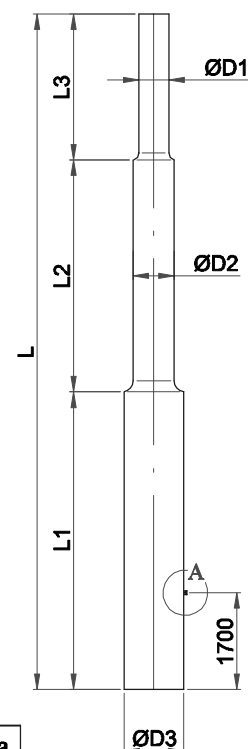
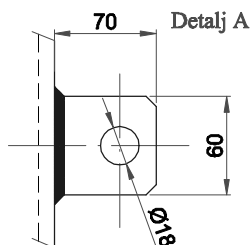
Material : PVC



Kat.br.	Za stup	Promjer
Cat. No.	For tubular pole	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

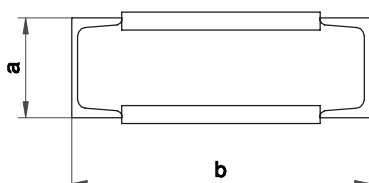


Kat.br.	Tip stupa	Debljina stijenke	Promjer segmenta			Dužina segmenta			Dužina stupa	Masa
Cat. No.	Pole type	Pole thickness	Diameter			Length			Pole length	Mass
		(mm)	D1	D2 (mm)	D3	L1	L2 (mm)	L3	L (mm)	(kg)
	M34	5	130	190	241	3900	2800	2200	8900	213
	M46	7	130	190	241	3900	2800	2200	8900	283
	M57	9	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

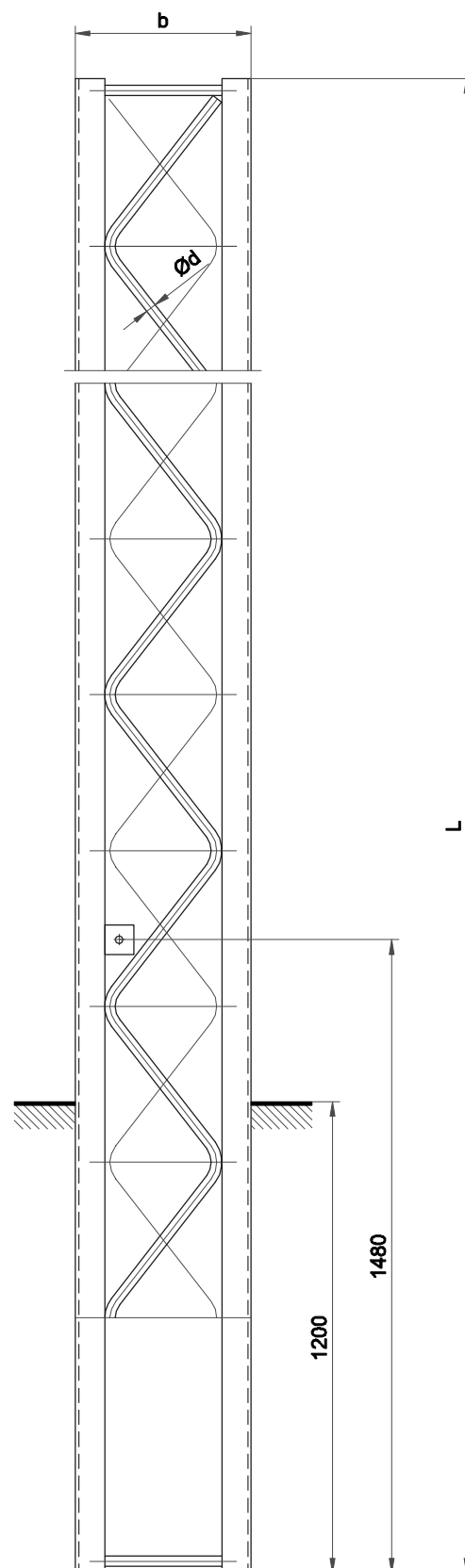
ČELIČNO REŠETKASTI STUPOVI OD 2 U PROFILA LATICE POLE OF TWO U PROFILES

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



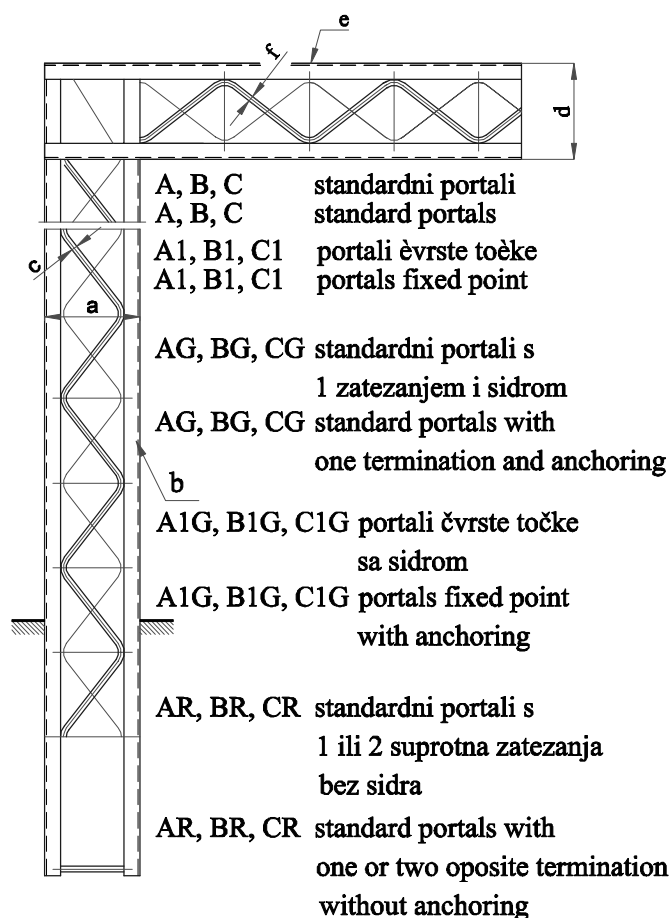
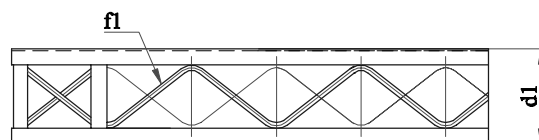
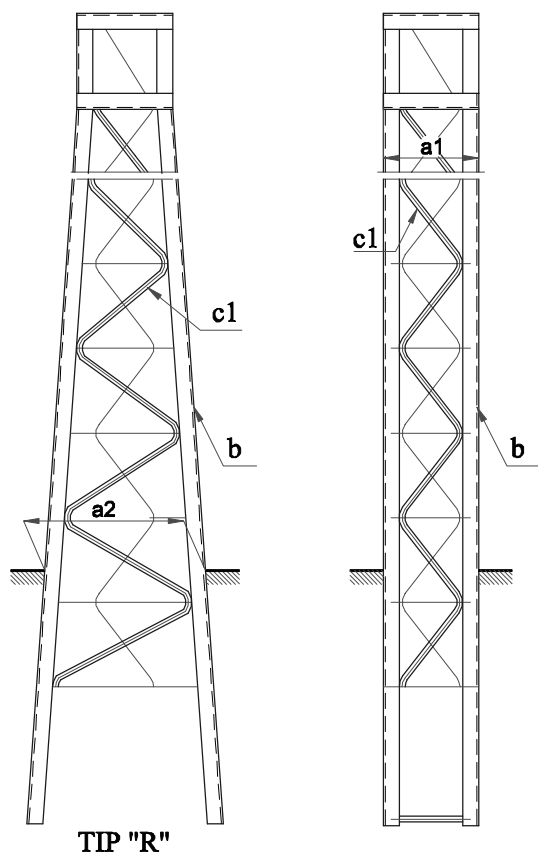
Kat.br.	Tip stupa	Profil	Dimenzije			Dužina stupa	Masa
Cat. No.	Column type	Profile	Dimensions			Pole length	Mass
			a	b (mm)	d	L (mm)	(kg)
100100	U8	U8	80	300	13	9100	200
100200	U10	U10	100	300	15	9100	235
100300	U12	U12	120	300	17	9100	290
100400	U12V	U12	120	300	17	11000	350
100500	U14	U14	140	350	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



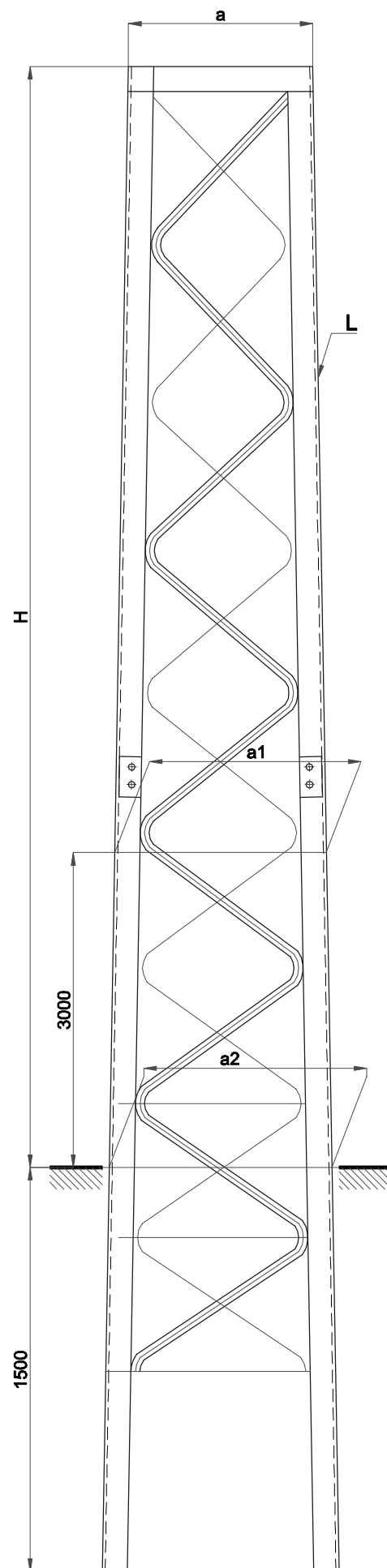
Kat.br. / Tip Cat.No. / Column type	Tip portala/ Portal type	Raspon / Span (m)	Stup / Column					Greda / Beam					
			a	b	c	a1	a2	c1	d	e	f	d1	f1
102800	A	A	400	L60x6	Ø16	480		Ø16					
		AG	14-22	400	L65x7	Ø16	480	Ø16	480	L60x6	Ø16	480	Ø16
		AR		400	L80x10	Ø16	480	1100	L45x5				
103100	A1	A1		430	L75x10	Ø16	1000		L45x5				
		A1G	14-22	430	L80x10	Ø16	1000		L45x5	510	L75x10	Ø16	1000
102900	B	B		500	L70x7	Ø18	700		L45x5				
		BG	18,5-27	500	L70x9	Ø18	700		L45x5	700	L70x7	Ø18	700
		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
103000	C	C		600	L80x10	L45x5	920		L45x5				
		CG	24-36	600	L80x10	L45x5	920		L45x5	920	L80x10	L50x5	920
		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

STUPOVI GIPKOG PORTALA FLEXIBLE PORTAL TOWER

Materijal: čelik DIN 17100, vruće pocinčan

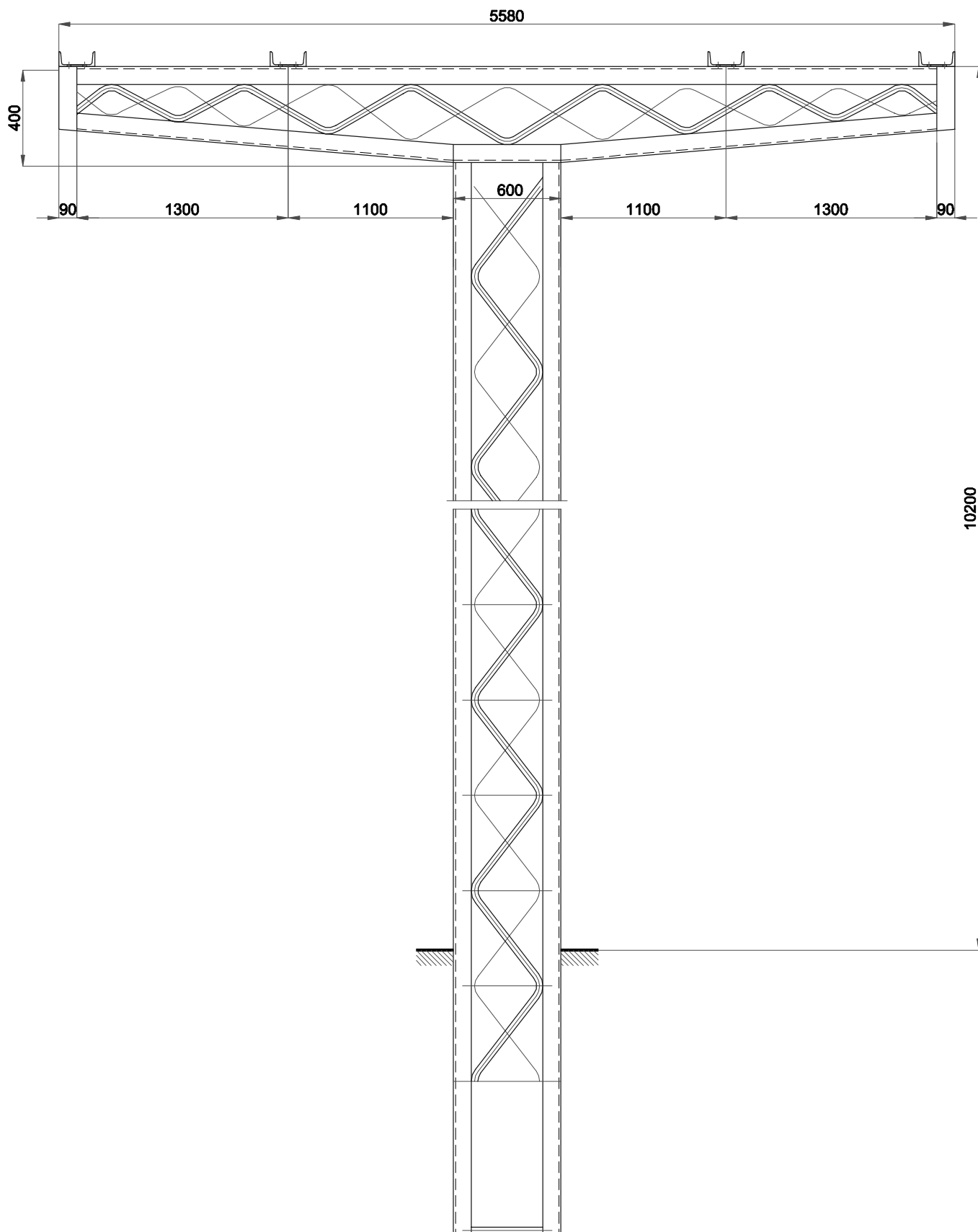
Material : steel DIN 17100, hot dip galvanized

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



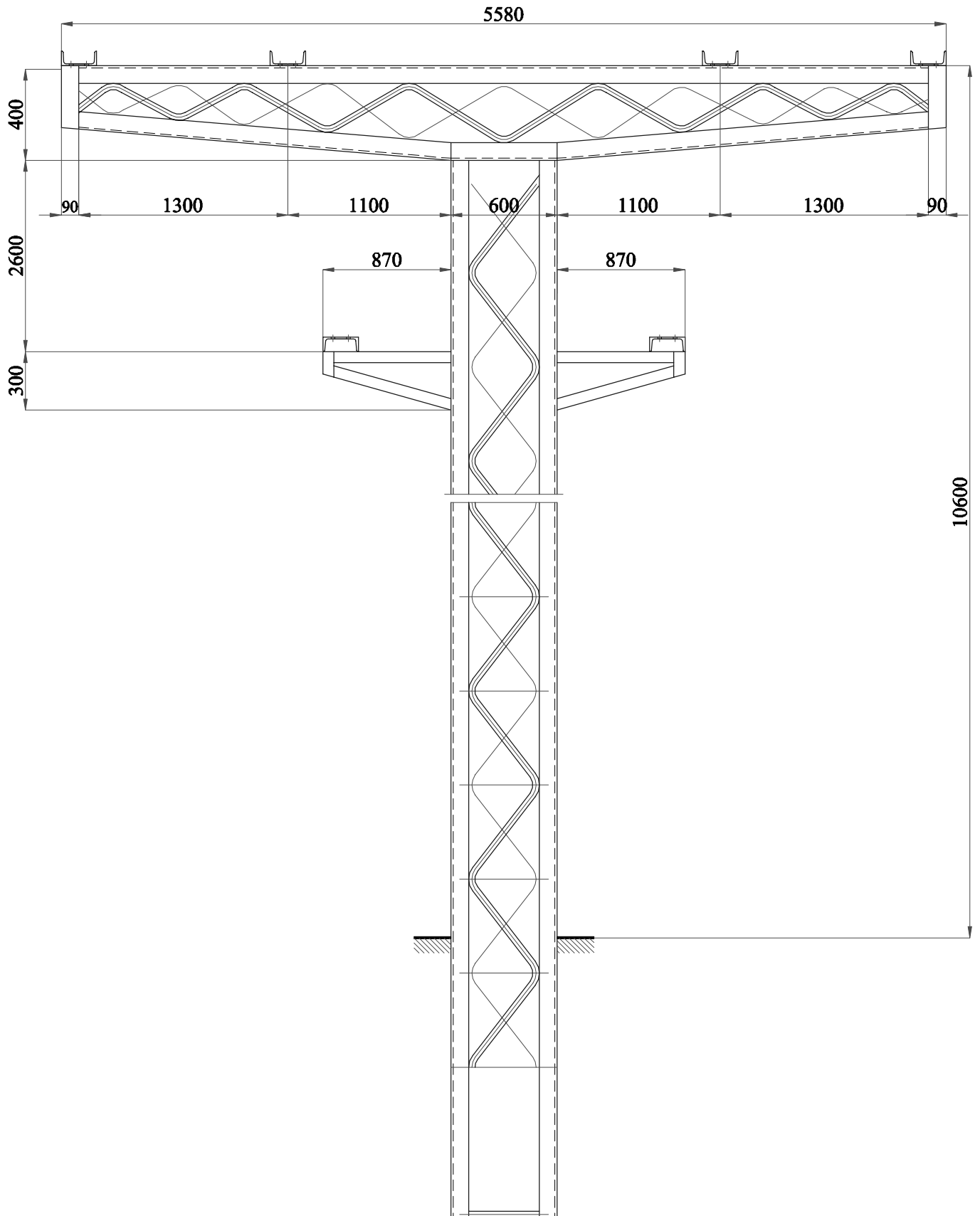
STUP POPREČNE VEZE P1 TRANSVERSAL TIE TOWER

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



STUP POPREČNE VEZE P2
TRANSVERSAL TIE TOWER P2

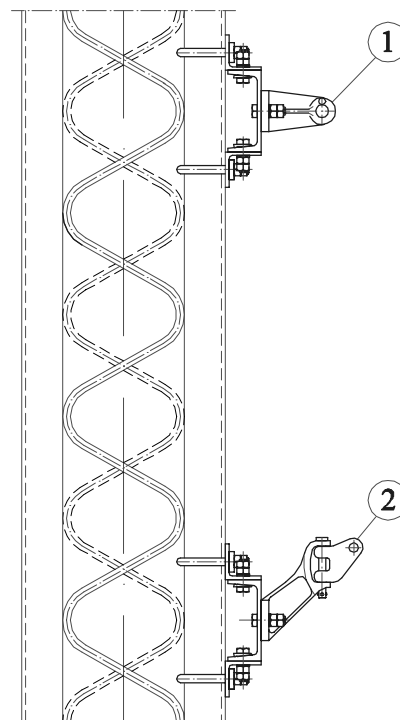
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



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

64.001.001

Poz. Item	Naziv sklopa Description
1	Pričvršnik zatege za U stup Multipurpose small top member attachment for U towers
2	Zglobni pričvršnik kosnika za U stup Multipurpose small sized strut member attachment for U towers



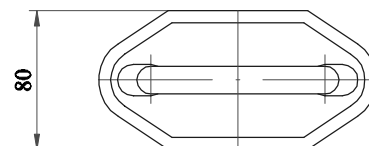
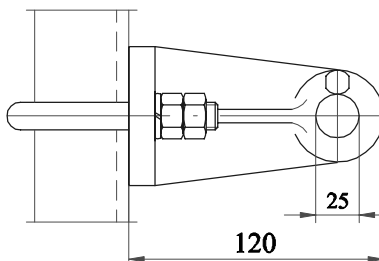
PRIČVRŠNIK ZATEGE ZA "U" STUP

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



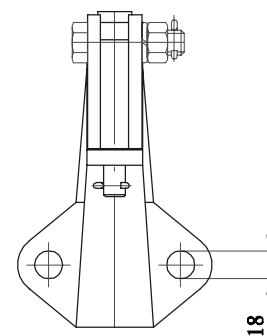
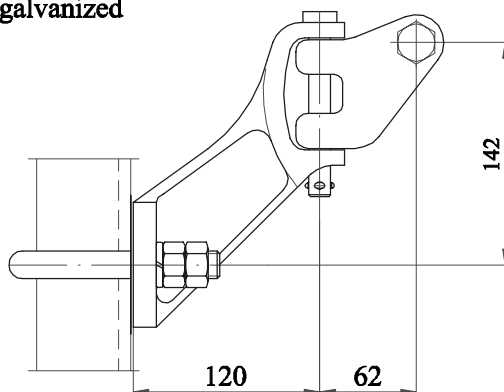
ZGLOBNI PRIČVRŠNIK KOSNIKA ZA "U" STUP

STRUT MEMBER ATTACHMENT FOR "U" TOWER

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

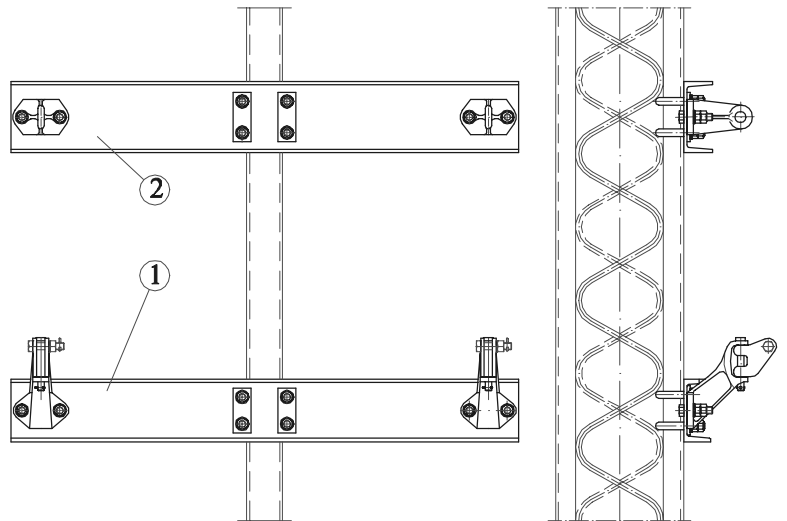
Kat. br. Cat. No.	Za stup For column	Masa Mass [kg]
64.110.900	U8	2,19
64.111.000	U10	2,23
64.111.100	U12	2,48
64.111.200	U14	2,52
64.111.300	U16	2,78
64.111.400	U18	2,82
64.111.500	U20	3,07



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

64.001.002

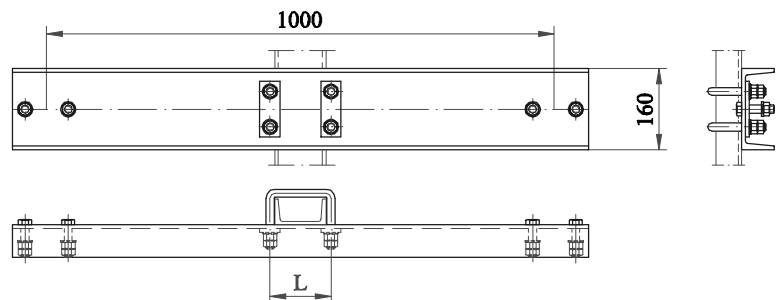
Poz. Item	Naziv sklopa Description
1	Nosač zglobnog pričvrtnika kosnika dvostruke konzole za U stup Support for strut member attachment of double crossarm for U towers
2	Nosač pričvrtnika zatege dvostruke konzole za U stup Support for top member attachment of double crossarm for U towers



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

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

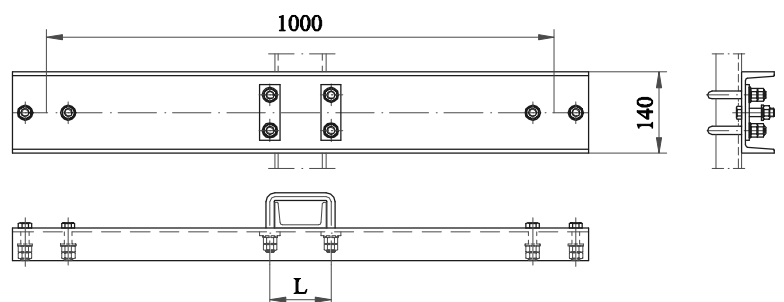
Kat. br. Cat. No.	Za stup For column	L	Masa Mass [kg]
64.112.300	U10	120	24,92
64.112.400	U12	140	25,00
64.112.500	U14	160	25,10
64.112.600	U16	180	25,22
64.112.700	U18	200	25,30
64.112.800	U20	220	25,40
64.120.600	U6,5	85	23,10
64.122.800	U8	100	23,64



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

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

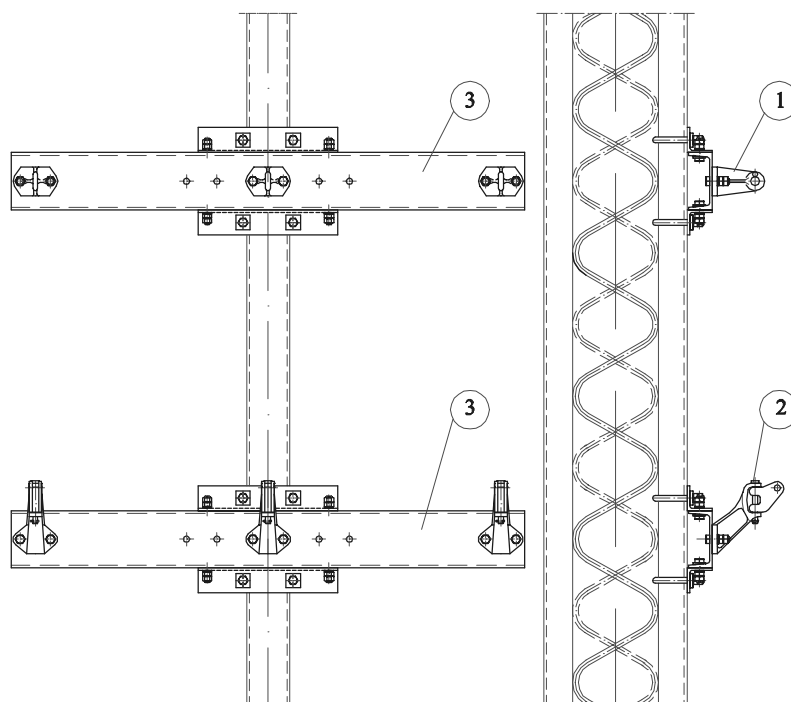
Kat. br. Cat. No.	Za stup For column	L	Masa Mass [kg]
64.120.700	U6,5	85	14,30
64.122.900	U8	100	21,04
64.112.900	U10	120	21,05
64.113.000	U12	140	21,14
64.113.100	U14	160	21,16
64.113.200	U16	180	21,34
64.113.300	U18	200	21,42
64.113.400	U20	220	21,50



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

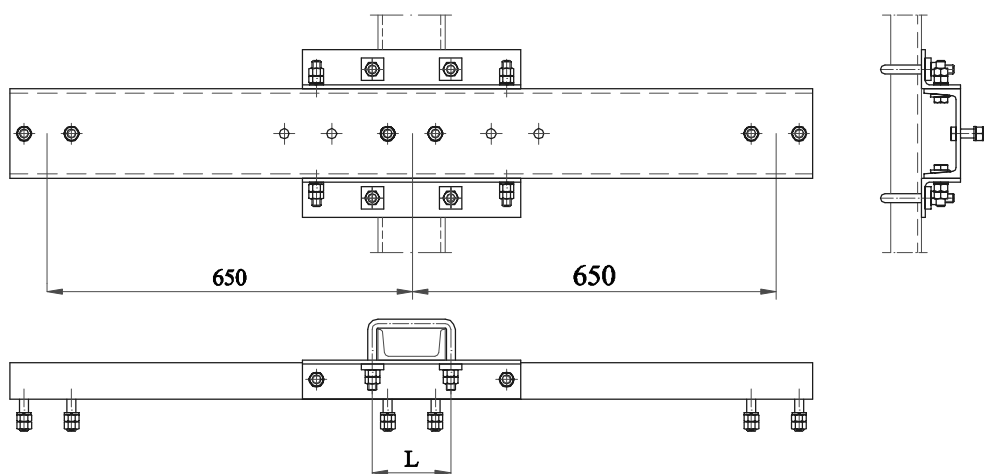
64.001.003

Poz. Item	Naziv sklopa Description
1	Pričvršnik zatege 85 Top member attachment 85
2	Zglobni pričvršnik 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



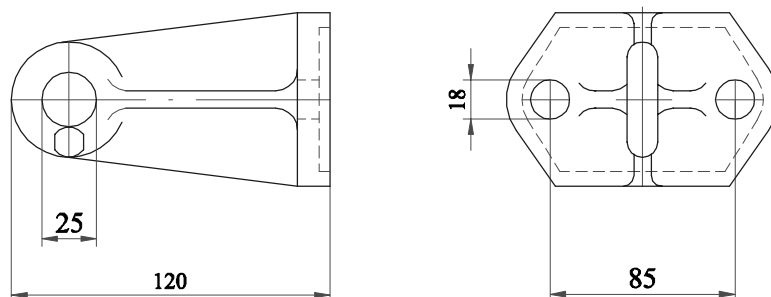
Kat. br. Cat. No.	Za stup For column	L [mm]	Masa Mass [kg]
64.123.000	U8	100	36,90
64.121.100	U12	140	36,97
64.121.200	U14	160	37,05
64.121.300	U16	180	37,17
64.121.400	U18	200	37,25
64.121.500	U20	220	37,85

PRIČVRŠNIKA 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

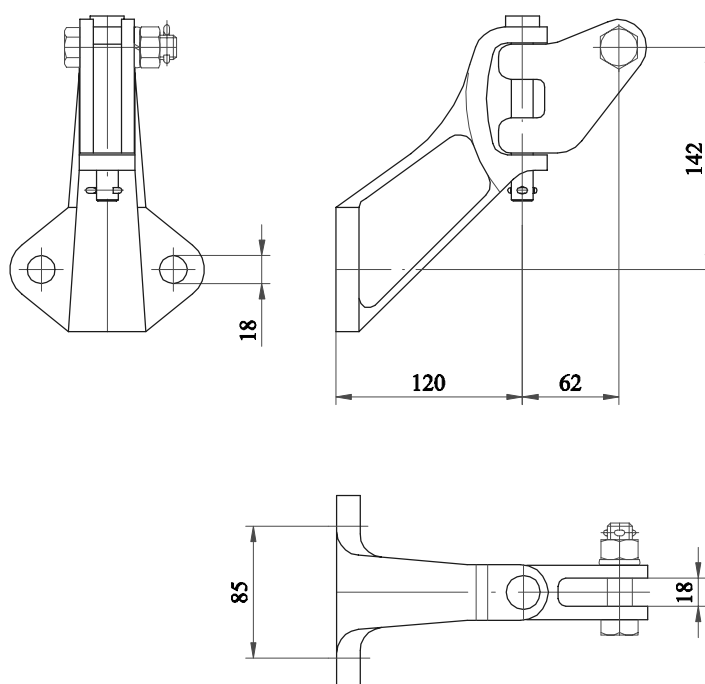


ZGLOBNI PRIČVRŠNIKA KOSNIKA 85 STRUT MEMBER ATTACHMENT 85

64.111.600

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

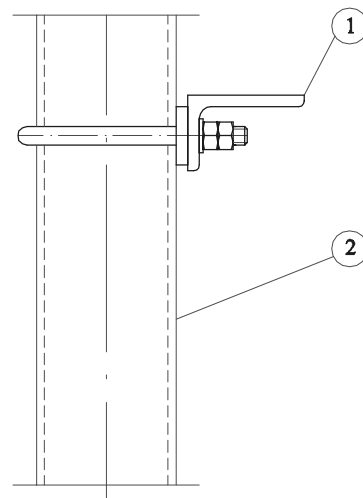
Material : steel DIN 17100, hot dip galvanized
Mass: 3,42 kg



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

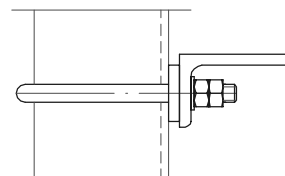
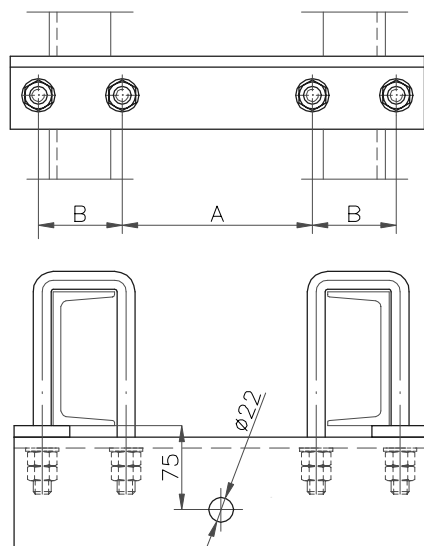
64.001.004

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



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

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

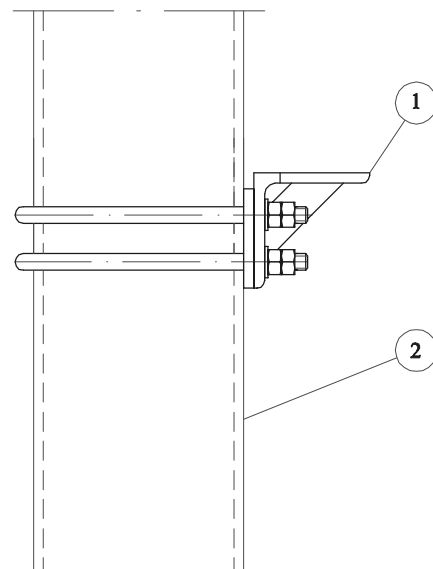


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass
		A	B	
		[mm]		[kg]
64.113.900	U12	170	75	6,45
64.114.000	U14	200	85	8,85
64.114.100	U16	200	85	8,95
64.114.200	U18	230	95	9,85
64.113.300	U20	230	95	9,95

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

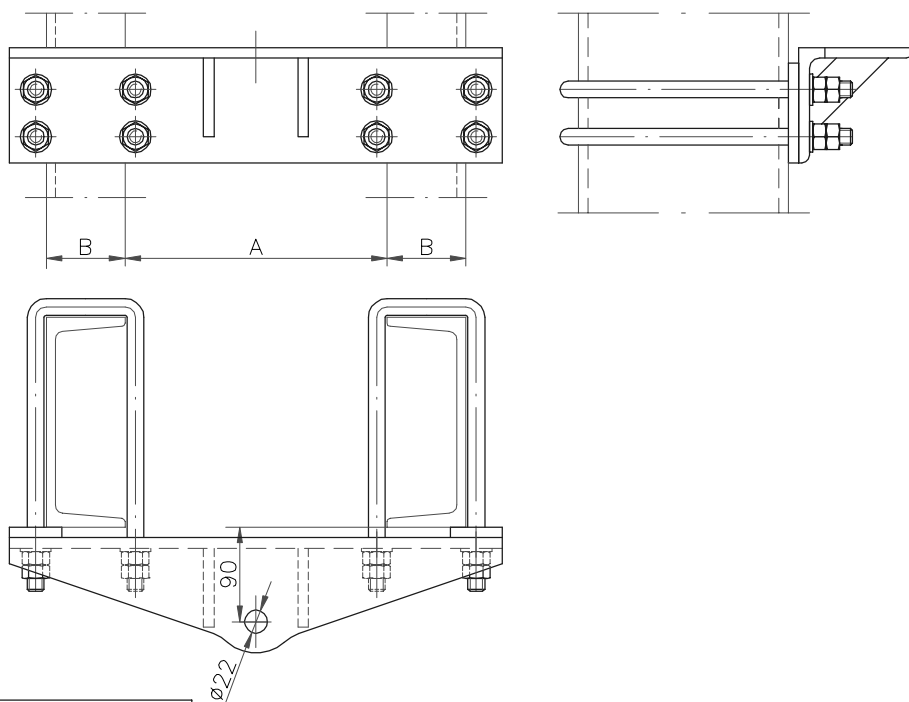
64.001.005

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



PRIČVRŠNIK AUTOMATSKOG ZATEZANJA ZA U STUP **REGULATED TERMINATION ATTACHMENT FOR U TOWERS**

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

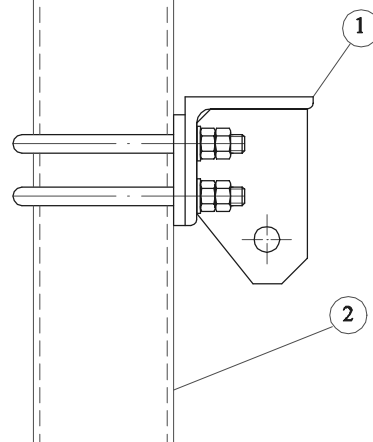


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass
		A	B	
		[mm]		[kg]
64.114.600	U12	170	75	9,60
64.114.700	U14	200	85	11,90
64.114.800	U16	200	85	12,30
64.114.900	U18	230	95	12,40
64.115.000	U20	230	95	12,70

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

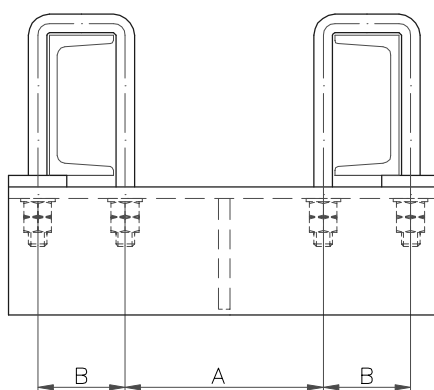
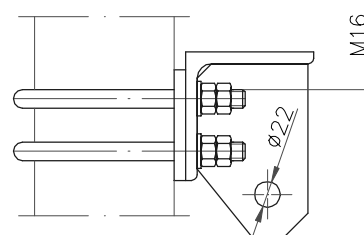
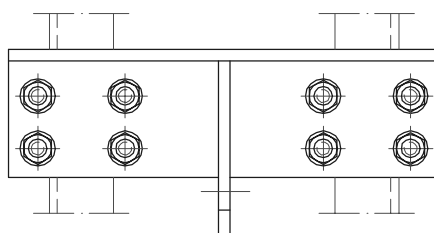
64.001.006

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



PRIČVRŠNIK SIDRA ZA U STUP MAST ANCHOR ATTACHMENT FOR U TOWERS

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

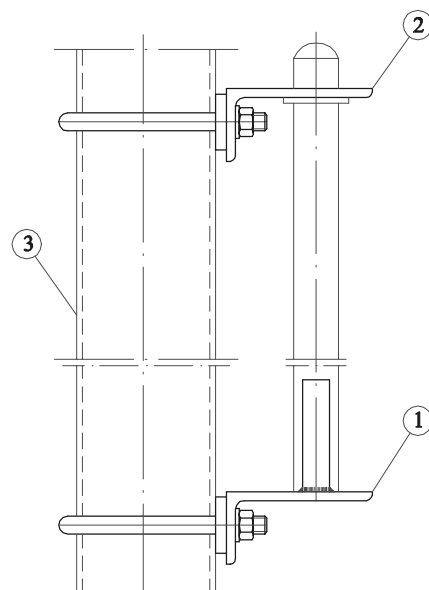


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass [kg]
		A	B	
		[mm]		
64.115.300	U10	170	75	11,60
64.115.400	U12	170	75	11,80
64.115.500	U14	200	85	12,75
64.115.600	U16	200	85	12,95
64.115.700	U18	230	95	14,20
64.115.800	U20	230	95	14,50

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

64.001.007

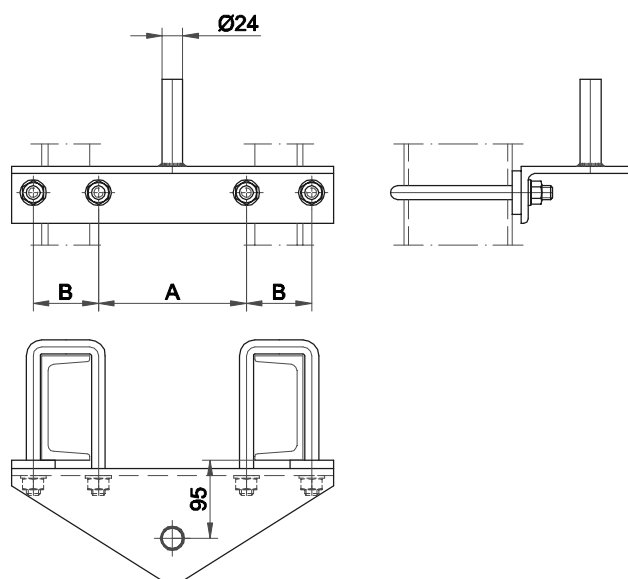
Poz. Item	Naziv sklopa Description
1	Donji pričvršnik vodilice utega za U stup Lower fastener of guide weight for U tower
2	Gornji pričvršnik vodilice utega za U stup Upper fastener of guide weight for U tower
3	Stup od 2 U profila U tower



DONJI PRIČVRŠNIK VODILICE UTEGA ZA "U" STUP LOWER FASTENER OF GUIDE WEIGHT FOR U TOWERS

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

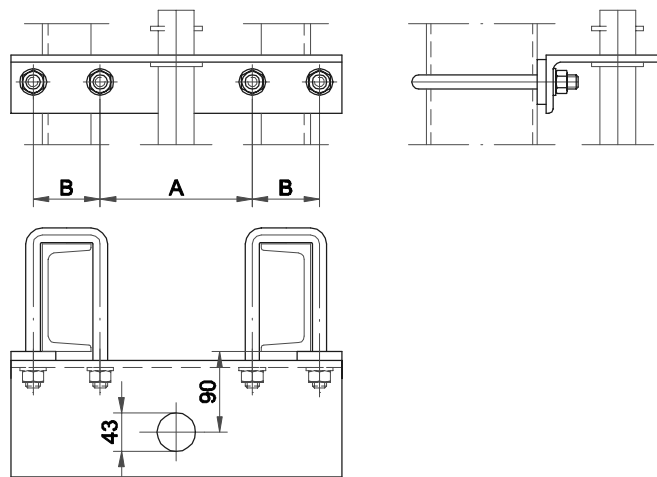
Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass [kg]
		A [mm]	B [mm]	
64.116.100	U12	170	75	7,90
64.116.200	U14	200	85	8,70
64.116.300	U16	200	85	8,80
64.116.400	U18	230	95	9,70
64.116.500	U20	230	95	9,85



GORNJI PRIČVRŠNIK VODILICE UTEGA ZA "U" STUP UPPER FASTENER OF GUIDE WEIGHT FOR U TOWERS

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

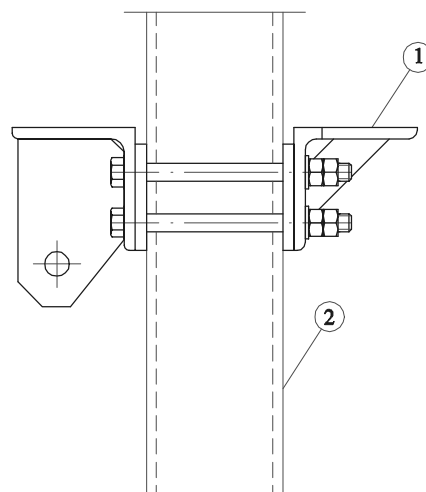
Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass [kg]
		A [mm]	B [mm]	
64.116.600	U12	170	75	7,00
64.116.700	U14	200	85	7,80
64.116.800	U16	200	85	7,90
64.116.900	U18	230	95	8,75
64.117.000	U20	230	95	8,90



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

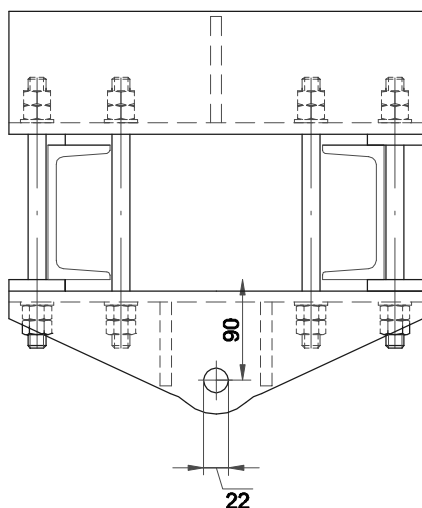
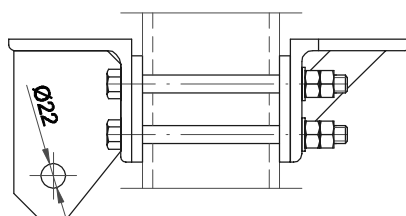
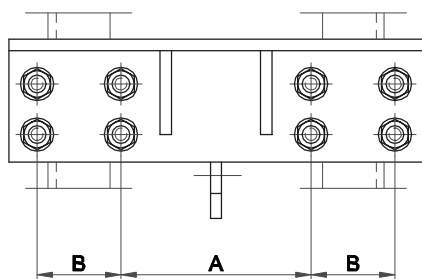
64.001.008

Poz. Item	Naziv sklopa Description
1	Pričvršnik 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



PRIČVRŠNIK 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

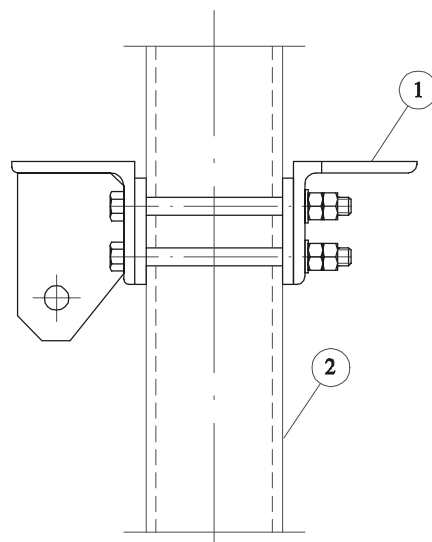


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass
		A	B	
		[mm]		[kg]
64.118.700	U12	170	75	17,36
64.118.800	U14	200	85	20,63
64.118.900	U16	200	85	20,83
64.119.000	U18	230	95	22,04
64.119.100	U20	230	95	22,10

ZAJEDNIČKO PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA I SIDRA NA STUP OD 2U PROFILA **ATTACHMENT OF FIXED TERMINATION AND MAST ANCHOR**

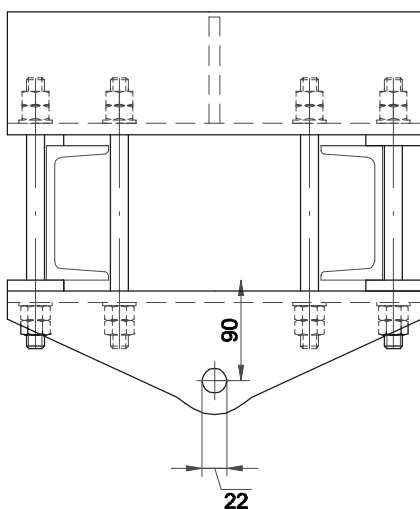
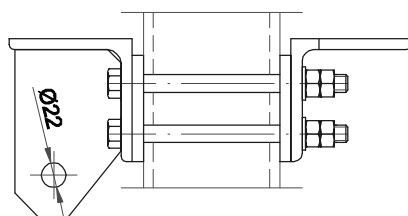
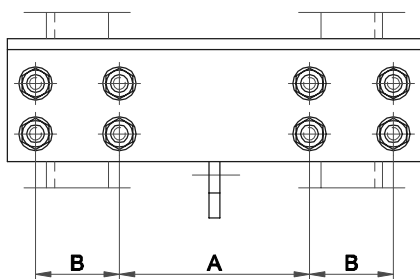
64.001.009

Poz. Item	Naziv sklopa Description
1	Pričvršnik 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



PRIČVRŠNIK 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



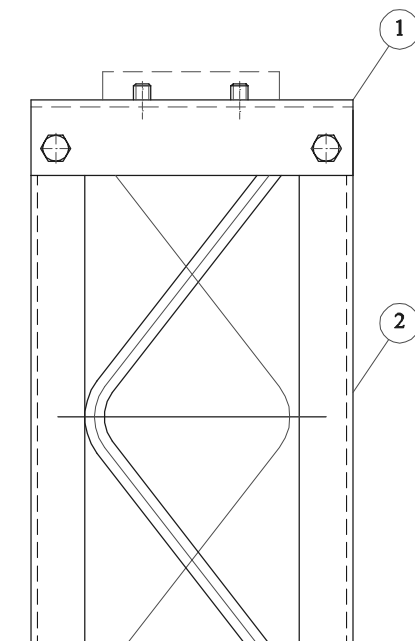
Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass
		A	B	
		[mm]		[kg]
64.121.000	U10	170	75	18,50
64.119.200	U12	170	75	18,50
64.119.300	U14	200	85	20,60
64.119.400	U16	200	85	20,80
64.119.500	U18	230	95	22,90
64.119.600	U20	230	95	23.00

PRIČVRŠĆENJE POTPORNOG IZOLATORA OBILAZNOG VODA NA STUP OD 2U PROFILA

FEEDER SUSPENSION ATTACHMENT ON U TOWER

64.001.010

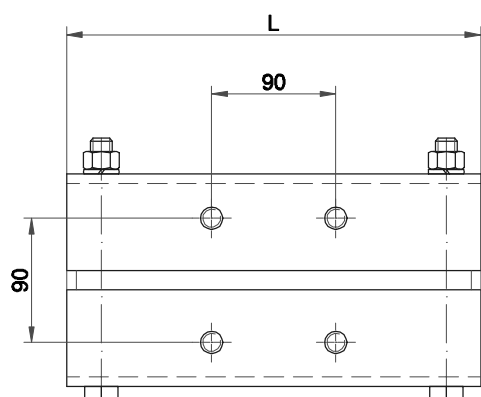
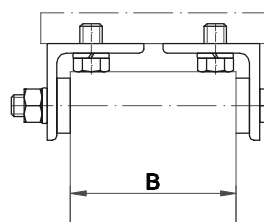
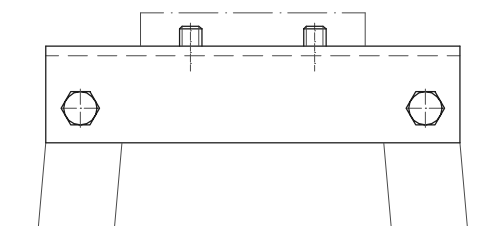
Poz. Item	Naziv sklopa Description
1	Pričvršnik potpornog izolatora obilaznog voda za U stupove Feeder suspension attachment for U tower
2	Stup od 2 U profila U tower



PRIČVRŠNIK IZOLATORA OBILAZNOG VODA ZA "U" STUP

FEEDER SUSPENSION ATTACHMENT FOR U TOWERS

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

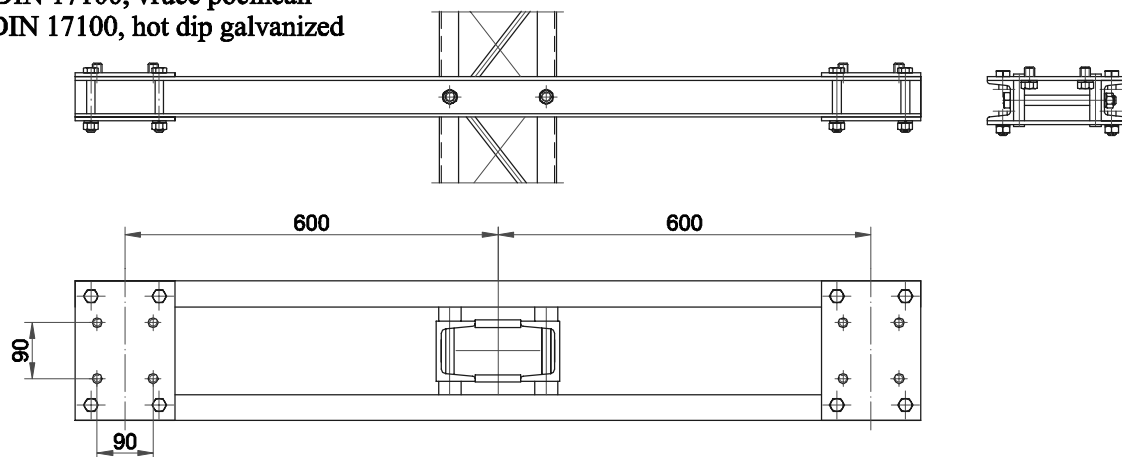


Kat. br. Cat. No.	Za stup For column	Dimenzije Dimensions		Masa Mass
		L	B	
		[mm]		[kg]
64.119.700	U12	300	120	6,20
64.119.800	U14	350	140	7,00
64.119.900	U16	350	160	8,30
64.120.000	U18	350	180	10,12
64.120.100	U20	350	200	12,00

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

64.001.011

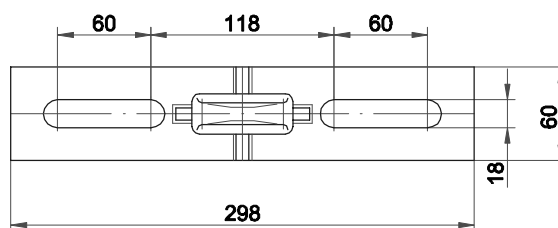
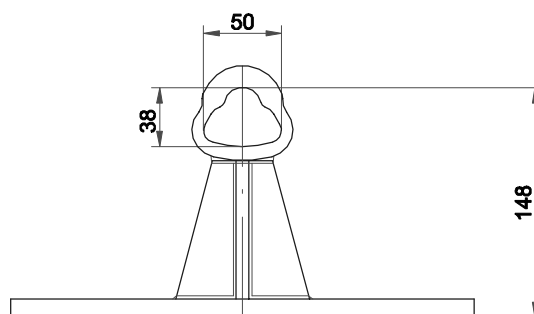
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



RAVNI PRIČVRŠNIK ZATEGE TENSION FESTENER STRAIGHT

43.64.167

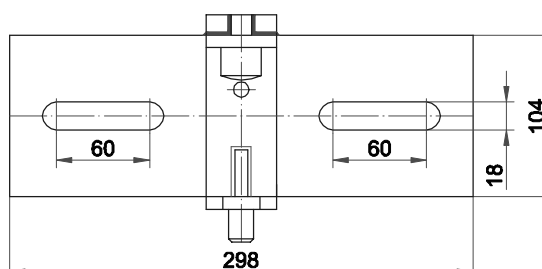
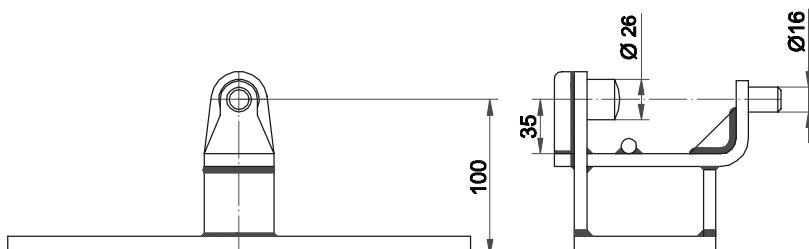
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,00 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 3,00 kg



RAVNI PRIČVRŠNIK KOSNIKA FESTENER STRAIGHT

43.64.168

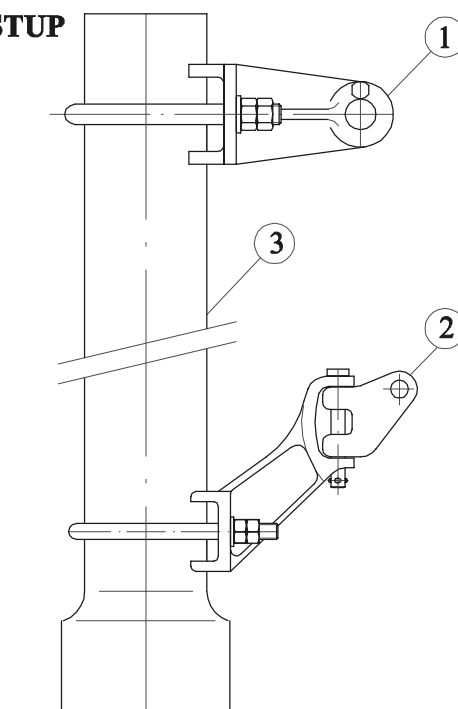
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,00 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 3,00 kg



PRIČVRŠĆENJE JEDNOSTRUKKE KONZOLE NA CIJEVNI STUP CANTILEVER ATTACHMENT ON TUBULAR POLE

64.001.016

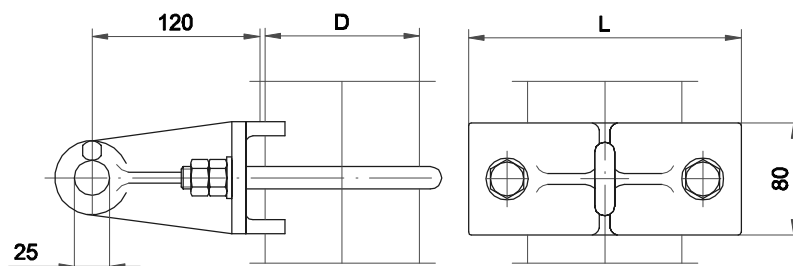
Poz. Item	Naziv sklopa Description
1	Pričvršnik zatege za cijevne stupove Top member attachment for tubular poles
2	Zglobni pričvršnik kosnika za cijevne stupove Strut member attachment for tubular poles
3	Cijevni stup Tubular pole



PRIČVRŠNIK ZATEGE ZA CIJEVNE STUPOVE TOP MEMBER ATTACHMENT FOR TUBULAR POLES

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

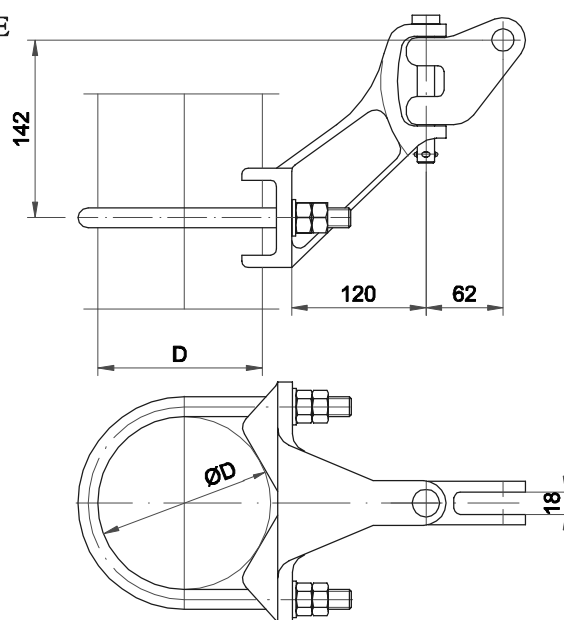
Kat. br. Cat. No.	Za stup For pole D [mm]	Dužina Length L [mm]	Masa Mass [kg]
64.111.700	Ø120	195	3,75
64.111.800	Ø130 - Ø135	195	3,80
64.111.900	Ø160 - Ø165	225	4,60
43.64.024	Ø215	275	4,75



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

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

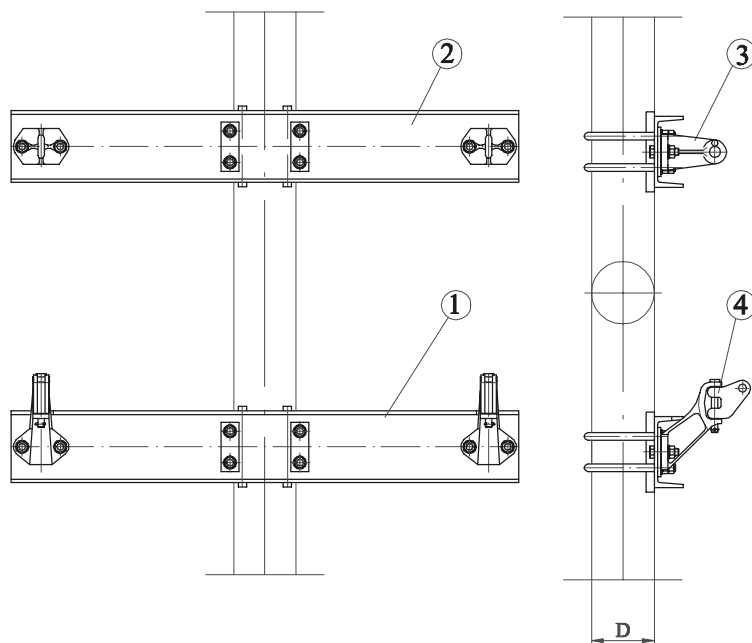
Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
64.112.000	Ø120	6,05
64.112.100	Ø130 - Ø135	6,11
64.112.200	Ø160 - Ø165	6,90
43.64.014	Ø190	7,50
43.64.016	Ø215	7,90



PRIČVRŠĆENJE DVOSTRUKE KONZOLE ZA CIJEVNE STUPOVE ATTACHMENT OF DOUBLE CROSSARM 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	Pričvrtnik zatege 85 Top member attachment 85
4	Zglobni pričvrtnik kosnika 85 Strut member attachment 85

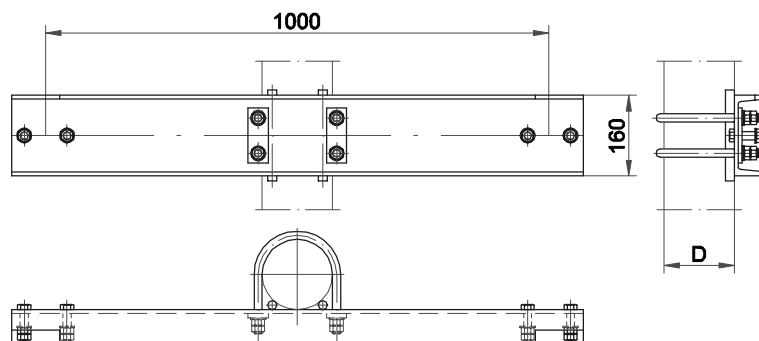


NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA DVOSTRUKE KONZOLE ZA CIJEVNE STUPOVE SUPPORT FOR STRUT MEMBER ATTACHMENT OF DOUBLE CROSSARM FOR TUBULAR POLES

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

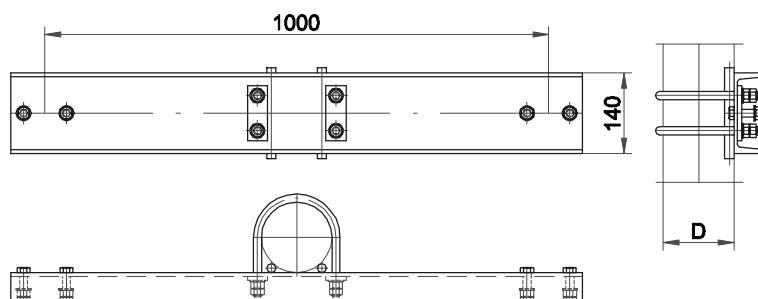


NOSAČ PRIČVRSNIKA ZATEGE DVOSTRUKE KONZOLE ZA CIJEVNE STUPOVE SUPPORT FOR TOP MEMBER ATTACHMENT OF DOUBLE CROSSARM FOR TUBULAR POLES

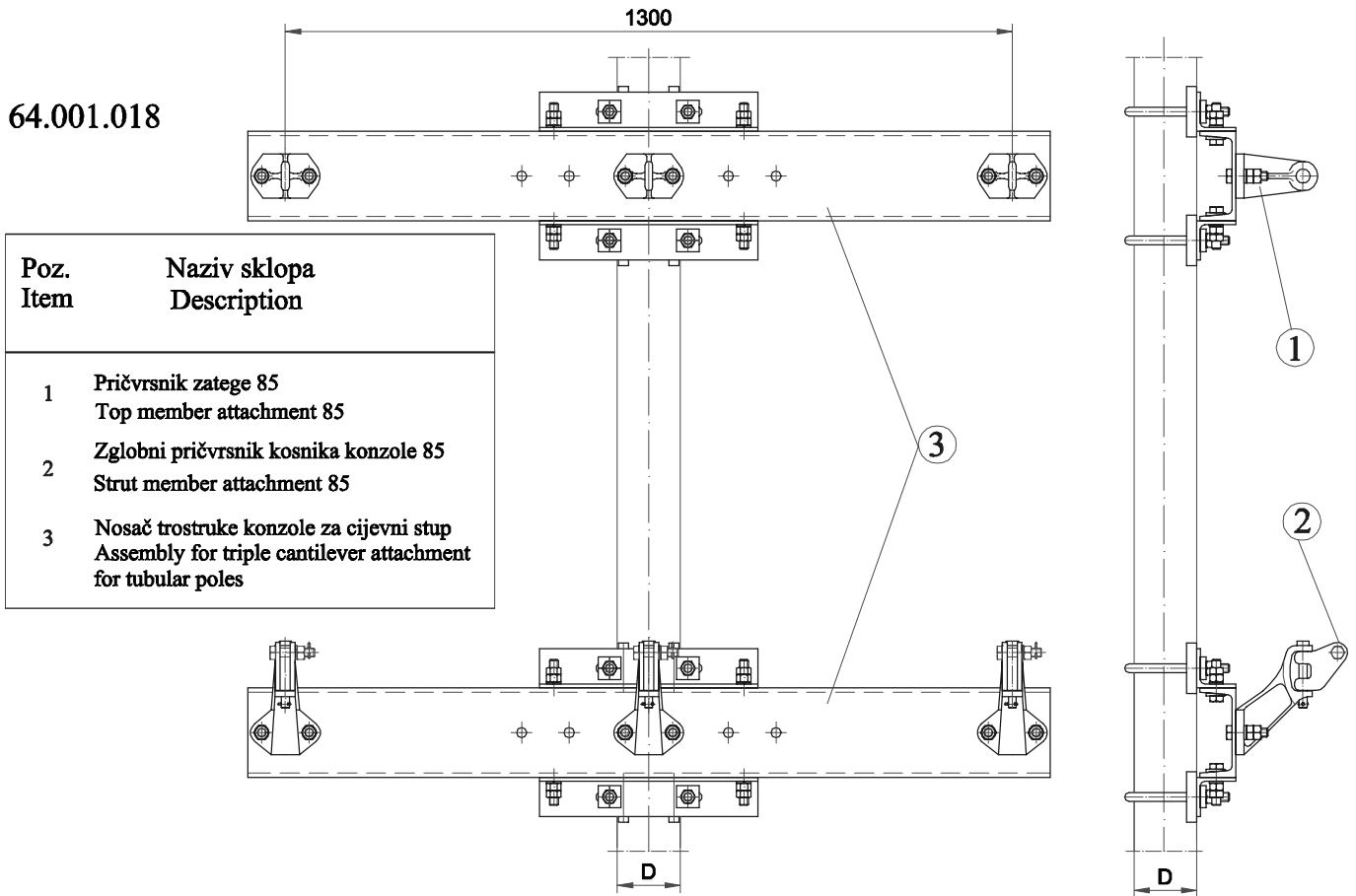
Materijal: čelik DIN 17100, vruće pocinčan

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

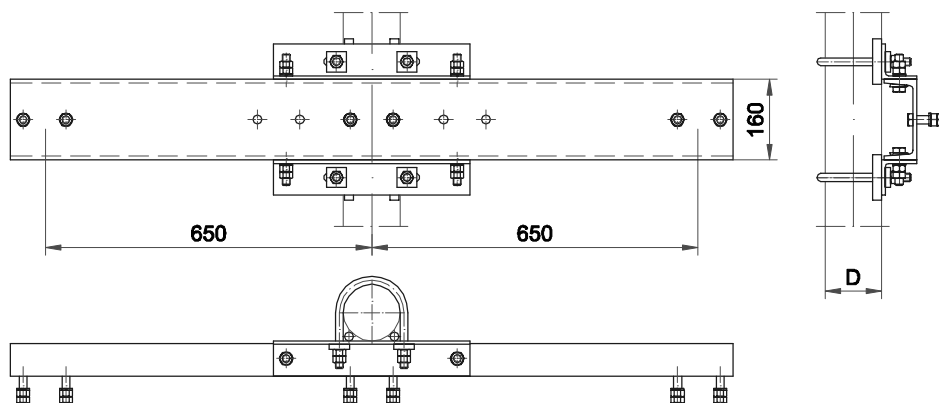


PRIČVRŠĆENJE TROSTRUKE KONZOLE ZA CIJEVNE STUPOVE ASSEMBLY FOR TRIPLE CANTILEVER ATTACHMENT ON TUBULAR POLE



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

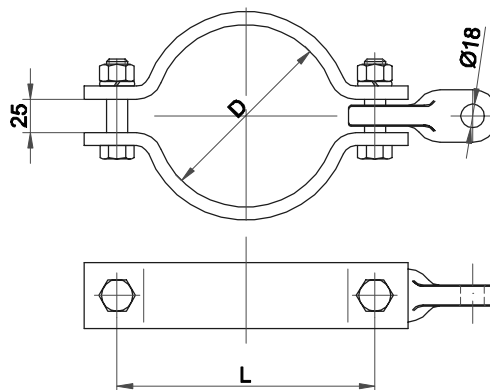


Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
64.121.600	Ø130 i Ø135	37,73
64.121.700	Ø160 i Ø165	37,97
43.64.051	Ø215	38,10

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

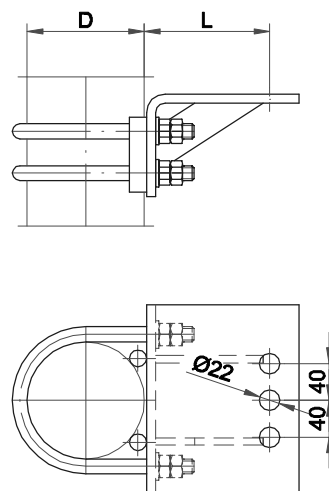
Kat. br. Cat. No.	Za stup For pole D [mm]	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.114.400	Ø130 - Ø135	195	3,15
64.114.500	Ø160 - Ø165	225	3,55
43.64.025	Ø190	252	3,60
43.64.026	Ø215	280	4,00



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

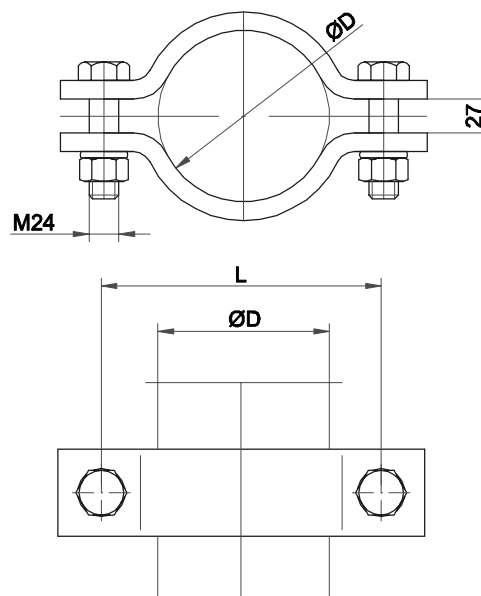
Kat. br. Cat. No.	Za stup For pole D [mm]	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.115.100	Ø130 - Ø135	135	9,80
64.115.200	Ø160 - Ø165	160	7,55
43.64.052	Ø190	252	8,01
43.64.031	Ø215	280	9,80



PRIČVRSNIK SIDRA ZA CIJEVNE STUPOVE MAST ANCHOR ATTACHMENT FOR TUBULAR POLES

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

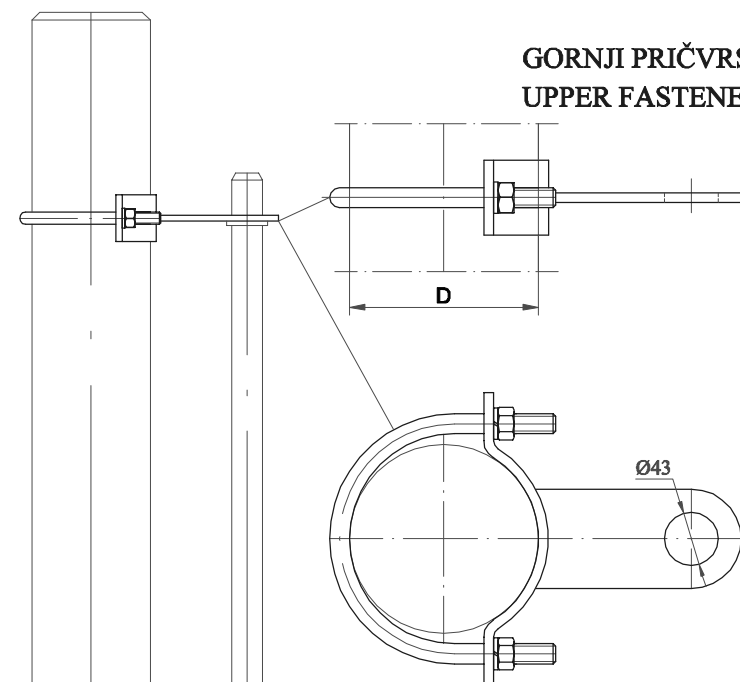
Kat. br. Cat. No.	Za stup For pole D [mm]	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.115.900	Ø130 - Ø135	225	6,32
64.116.000	Ø160 - Ø165	255	7,05
43.64.032	Ø190	200	8,35
43.64.033	Ø215	200	9,50
64.131.500	Ø315	405	10,95
64.131.400	Ø267	360	9,73



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

64.001.022

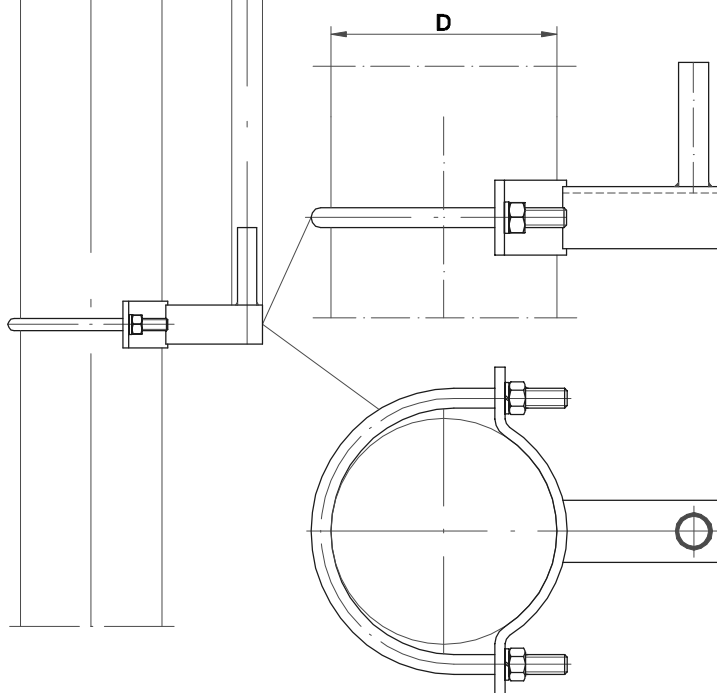
GORNJI PRIČVRŠNIK VODILICE UTEGA ZA CIJEVNE STUPOVE **UPPER FASTENER OF GUIDE WEIGH FOR TUBULAR POLES**



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 PRIČVRŠNIK 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

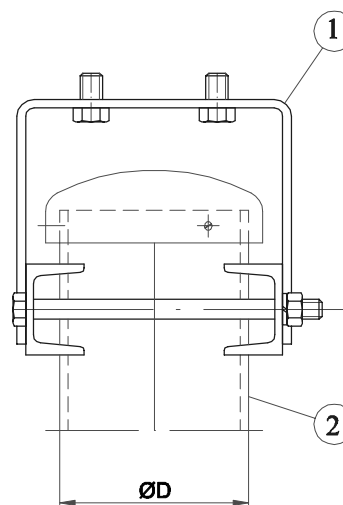
Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
43.64.066	Ø130	2,40
43.64.034	Ø159	2,70
64.117.100	Ø177	2,87
64.117.200	Ø193	2,97
64.117.300	Ø216	3,18
43.64.035	Ø229	3,20
64.117.400	Ø241	3,32
64.117.500	Ø266	3,50
64.117.600	Ø219	3,05
64.117.700	Ø244	3,32
64.117.800	Ø298	3,80
64.117.900	Ø272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

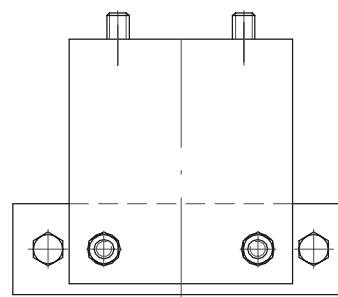
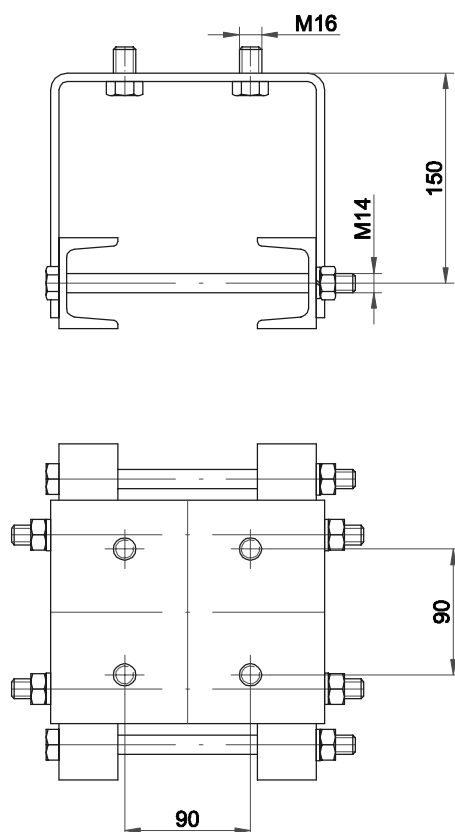
Poz. Item	Naziv sklopa Description
1	Pričvršnik potpornog izolatora obilaznog voda za cijevne stupove Feeder suspension attachment for tubular poles
2	Cijevni stup Tubular pole



PRIČVRŠNIK 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

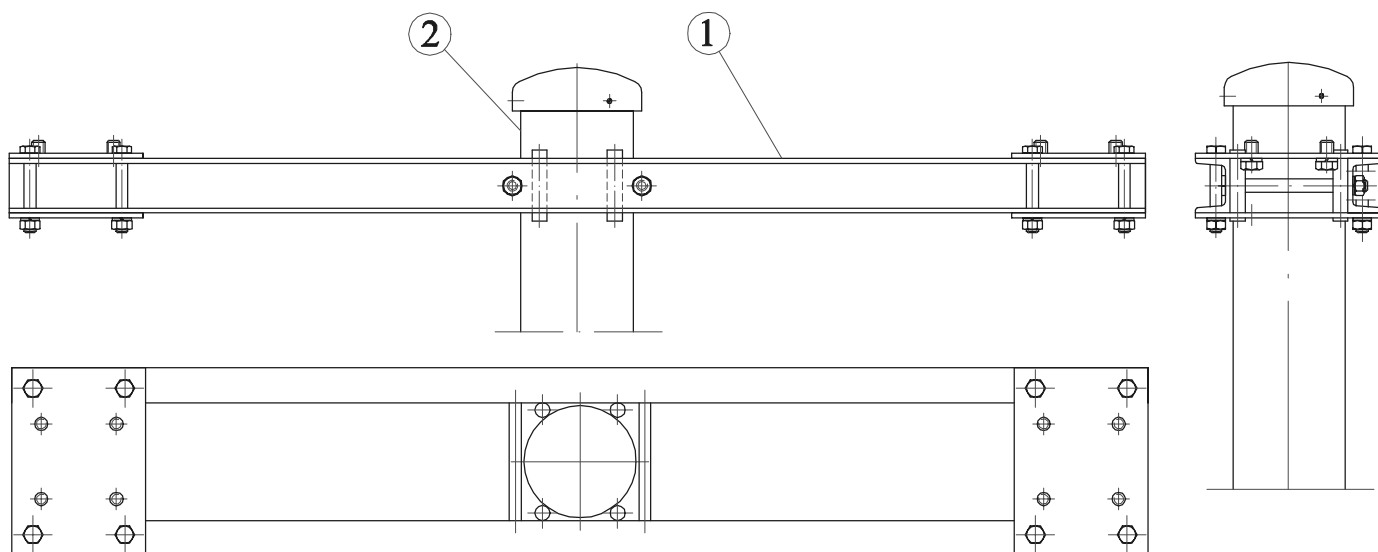


Kat. br. Cat. No.	Za stup For pole D [mm]	Masa Mass [kg]
64.120.200	Ø130 - Ø135	9,07
43.64.053	Ø160	11,70

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

64.001.026

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

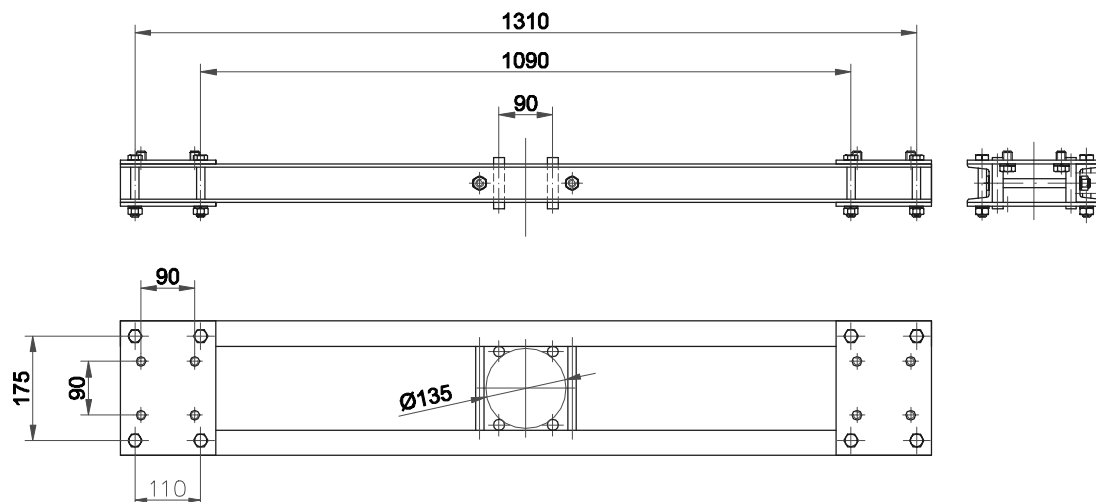


PRIČVRŠNIK DVA IZOLATORA OBILAZNOG VODA ZA CIJEVNE STUPOVE I CIJEVNE NOSAČE NA KRUTOM PORTALU

FEEDER SUSPENSION ATTACHMENT FOR TWO INSULATORS ON THE TUBULAR POLES

64.140.500

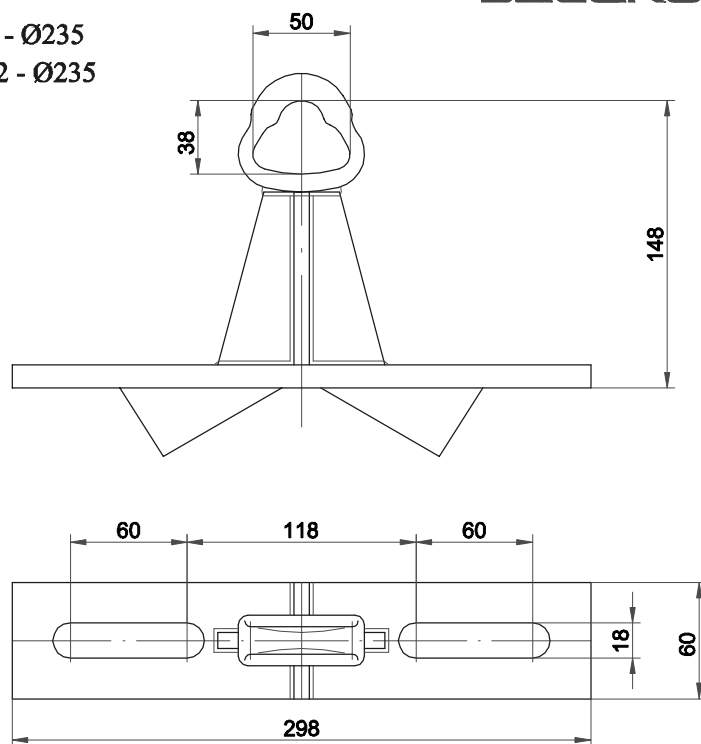
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 9,07 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 9,07 kg



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

43.64.165

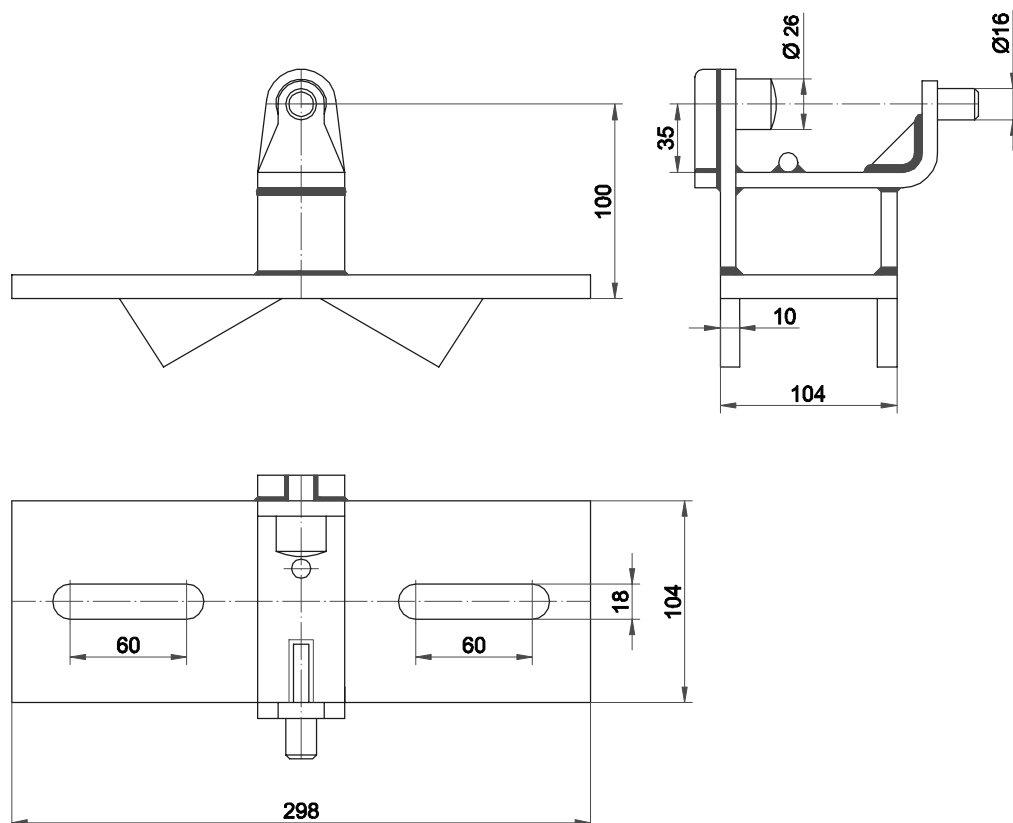
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 3,00 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 3,00 kg



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

43.64.166

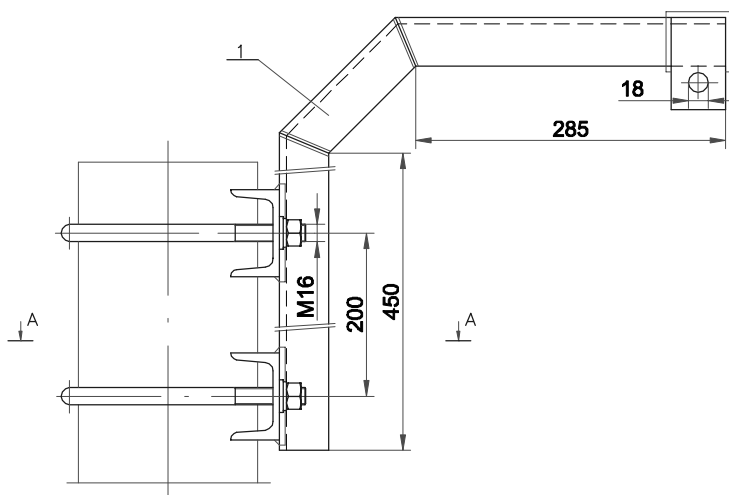
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 4,60 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 4,60 kg



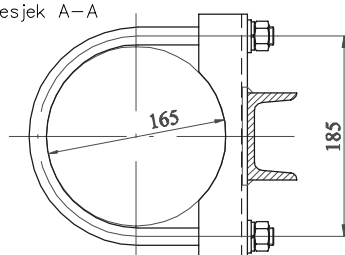
PRIČVRSNIK OBILAZNOG VODA FASTENER FOR BYPASS LINE

64.120.800D

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



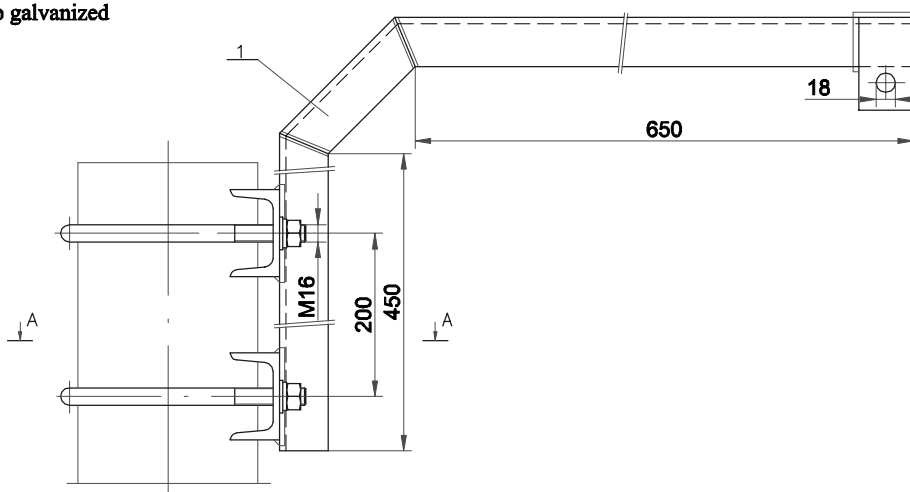
Presjek A-A



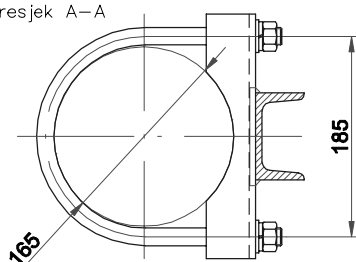
PRIČVRSNIK OBILAZNOG VODA FASTENER FOR BYPASS LINE

64.120.800E

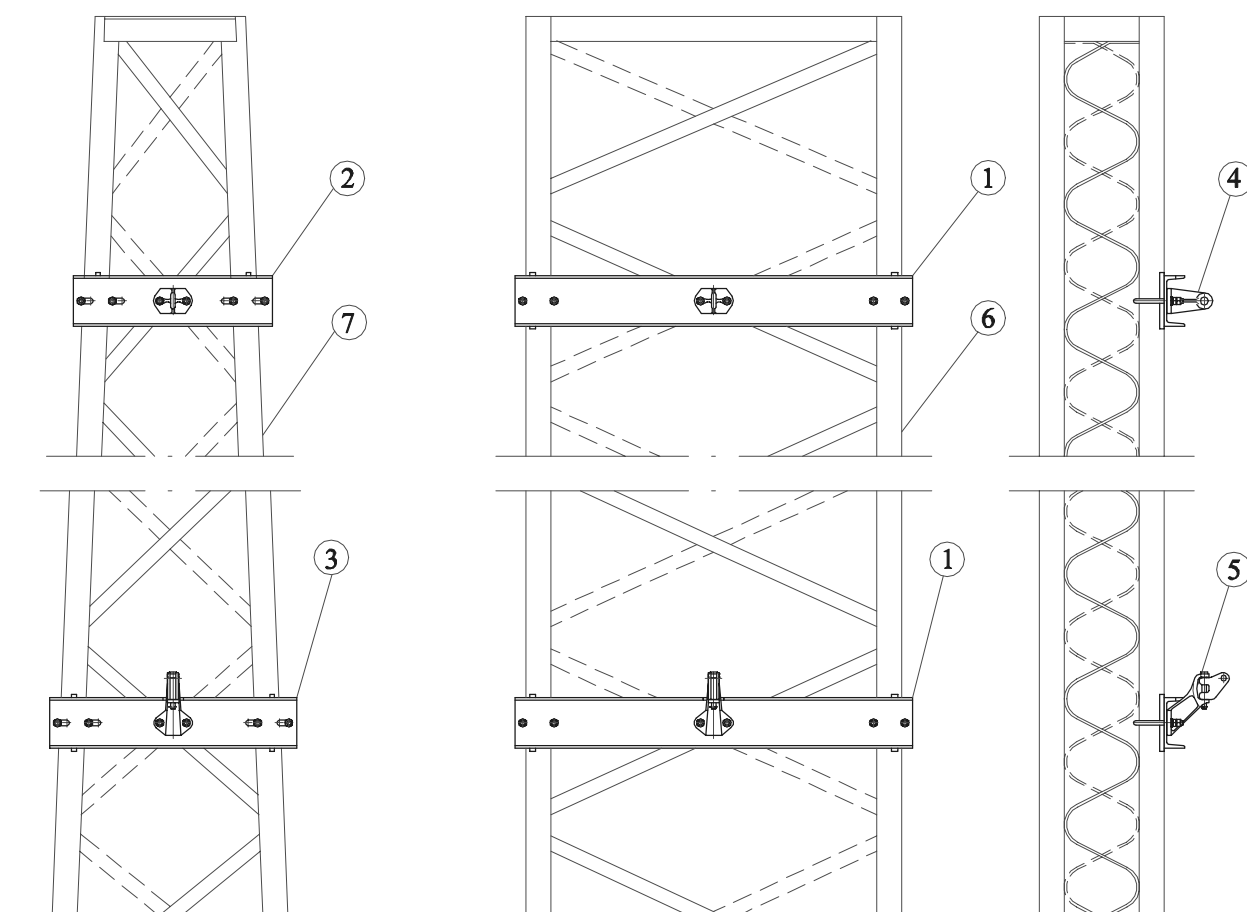
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 15,90 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 15,90 kg



Presjek A-A



PRIČVRŠČENJE JEDNOSTRUKÉ KONZOLE ZA STUP OD 4L PROFILA CANTILEVER ATTACHMENT ON LATICE POLE



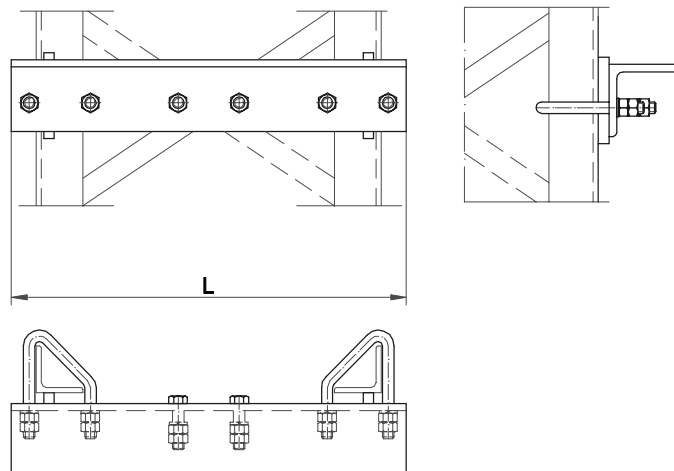
64.001.031

Poz. Item	Naziv sklopa Description
1	Nosač pričvršnika jednostruke konzole za stup krutog portala Assembly for single cantilever attachment for rigid portal
2	Nosač pričvršnika 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 pričvršnika kosnika jednostruke konzole za stup krutog portala tip "R" Support for strut member attachment of single crossarms for rigid portals type "R"
4	Pričvršnik zatege 85 Top member attachment 85
5	Zglobni pričvršnik 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 JEDNOSTRUKKE 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

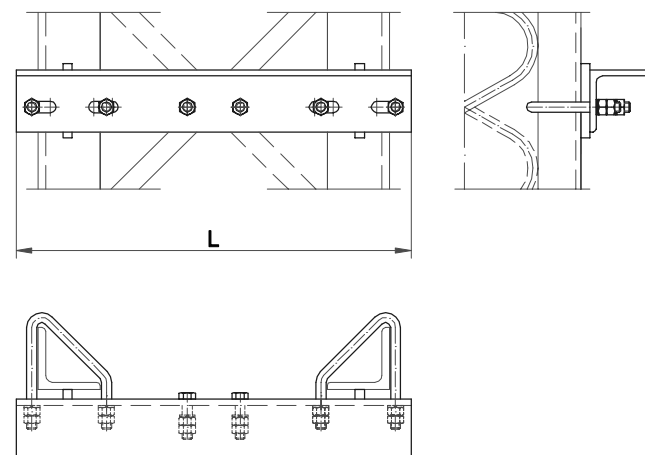
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.123.500	A / AG	550	20,50
64.123.600	B / BG	770	27,90
64.123.700	C / CG	990	34,51
64.123.800	A1 / A1G	1070	37,96
64.123.900	B1 / B1G	1270	43,96
64.124.000	C1 / C1G	1470	50,16



NOSAČ PRIČVRSNIKA ZATEGE JEDNOSTRUKKE 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

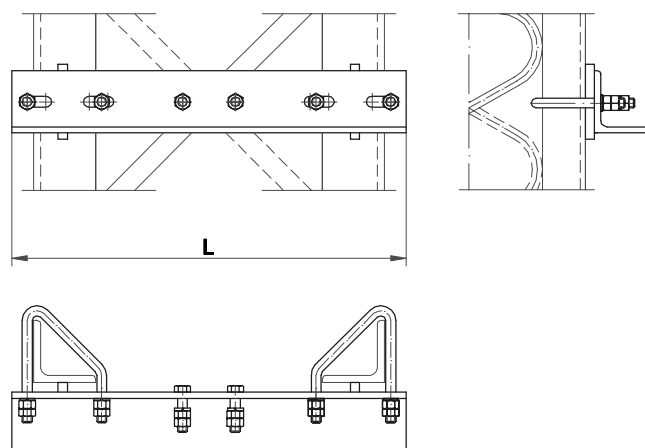
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.124.100	AR	635	11,60
64.124.200	BR	844	15,45
64.124.300	CR	1068	18,45



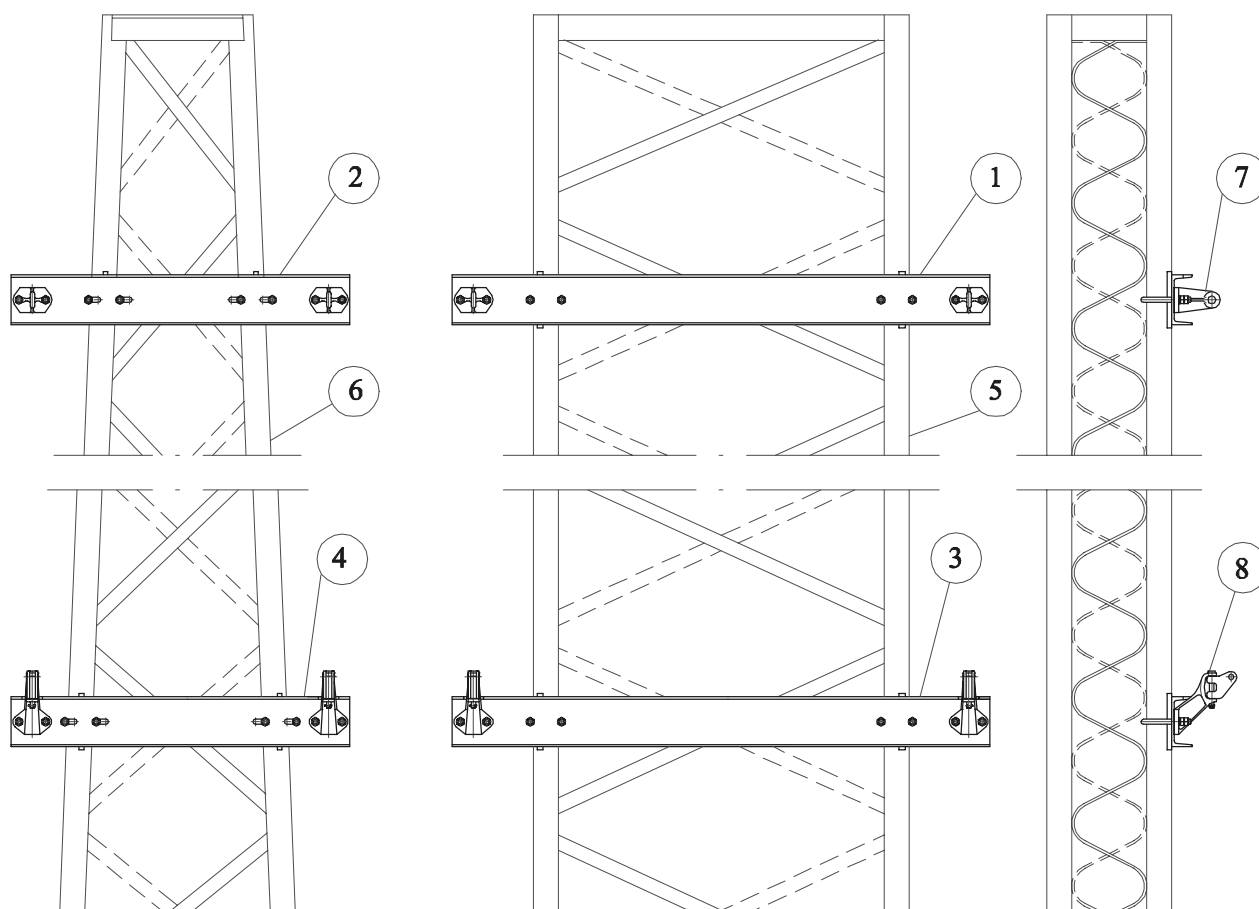
NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA JEDNOSTRUKKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R" SUPPORT FOR STRUT MEMBER ATTACHMENT OF SINGLE CROSSARMS FOR RIGID PORTAL TYPE "R"

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



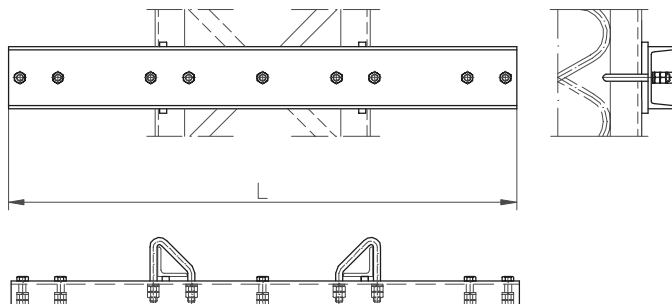
64.001.032

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	Pričvršnik zatege 85 Top member attachment 85
8	Zglobni pričvršnik 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

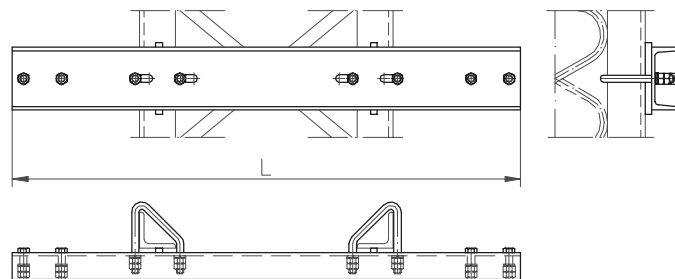
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.124.700	A / AG	1135	20,15
64.124.800	B / BG	1135	20,60
64.124.900	C / CG	1260	23,10
64.125.000	A1 / A1G	1340	24,07
64.125.100	B1 / B1G	1540	27,40
64.125.200	C1 / C1G	1470	26,45



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

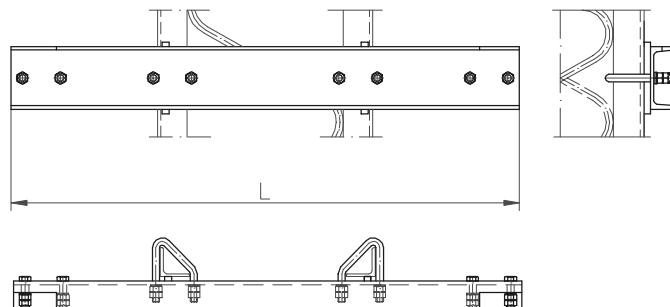
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.125.300	AR	1135	20,80
64.125.400	BR	1270	23,10
64.125.500	CR	1435	25,70



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

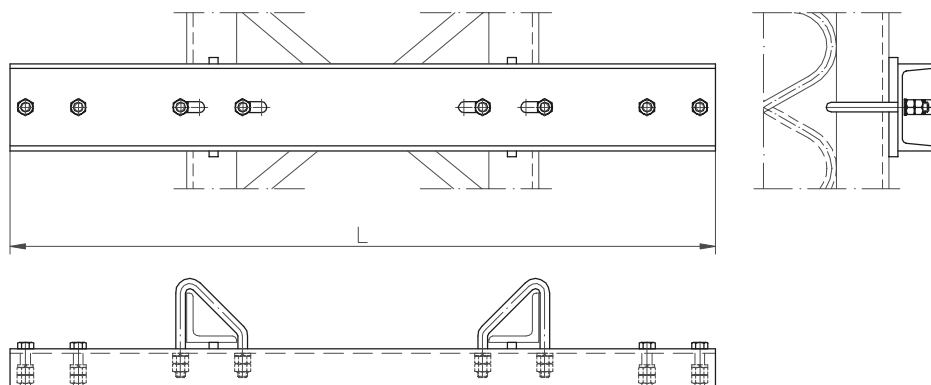
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.125.600	A / AG	1135	20,55
64.125.700	B / BG	1135	20,70
64.125.800	C / CG	1260	22,90
64.125.900	A1 / A1G	1340	24,10
64.126.000	B1 / B1G	1540	28,15
64.126.100	C1 / C1G	1470	26,40



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

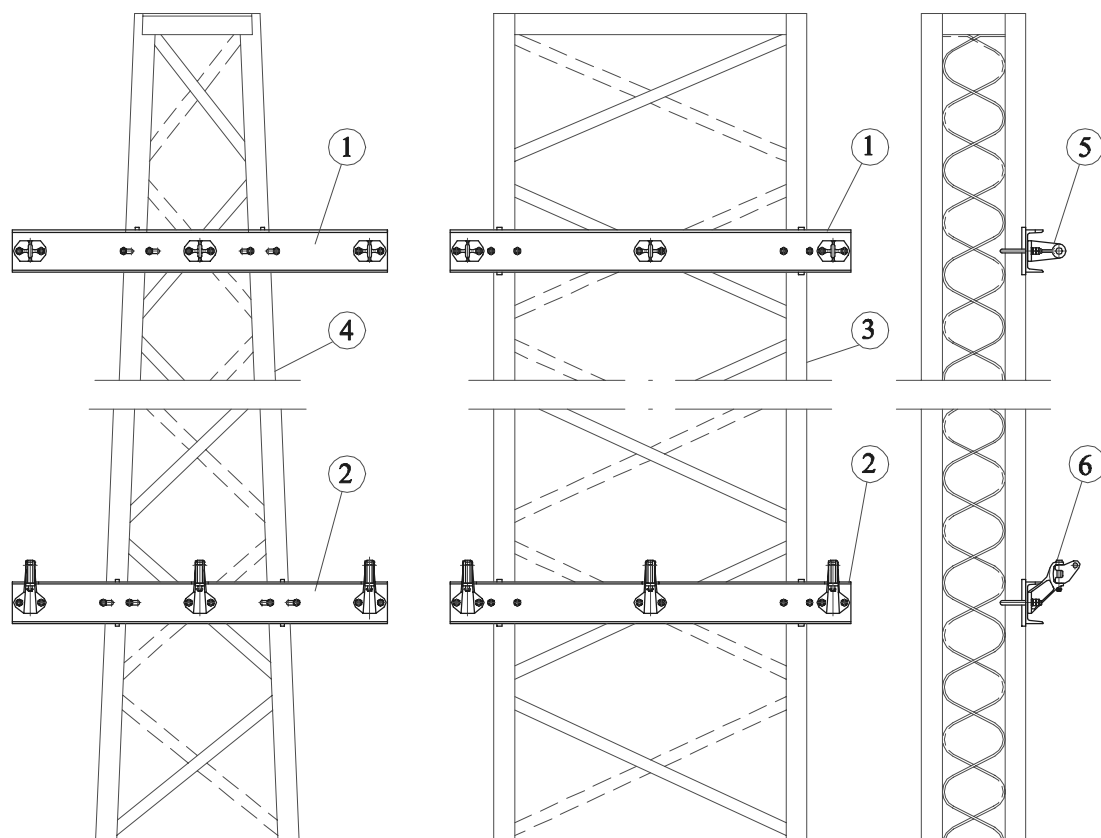
Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions	Masa Mass
		L [mm]	[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

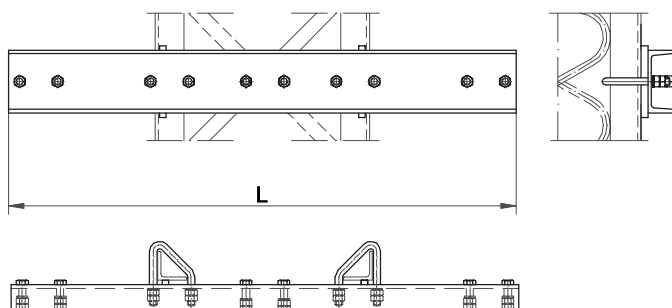
Poz. Item	Naziv sklopa Description
1	Nosač pričvrsnika zatege trostruke konzole za stup krutog portala Support for top member attachment of triple crossarms for rigid portal
2	Nosač zglobnog pričvrsnika kosnika trostruke konzole za stup krutog portala Support for strut member attachment of triple crossarms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

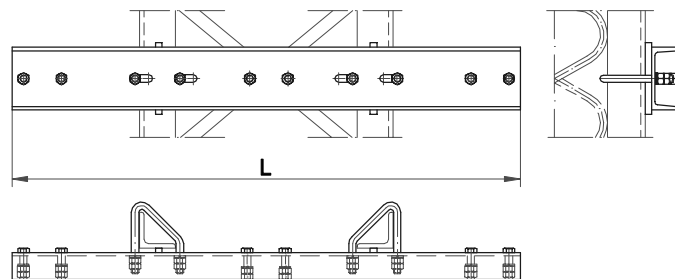


NOSAČ PRIČVRSNIKA ZATEGE TROSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"

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

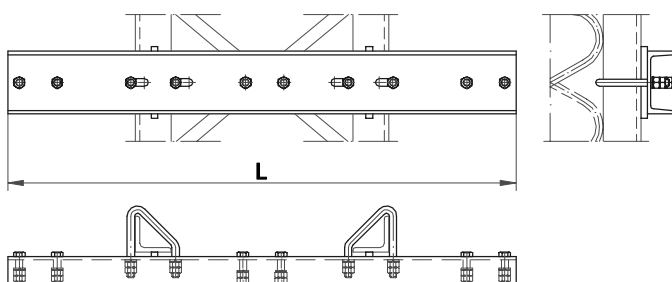


NOSAČ ZGLOBNOG PRIČVRSNIKA KOSNIKA TROSTRUKE KONZOLE ZA STUP KRUTOG PORTALA TIP "R"

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

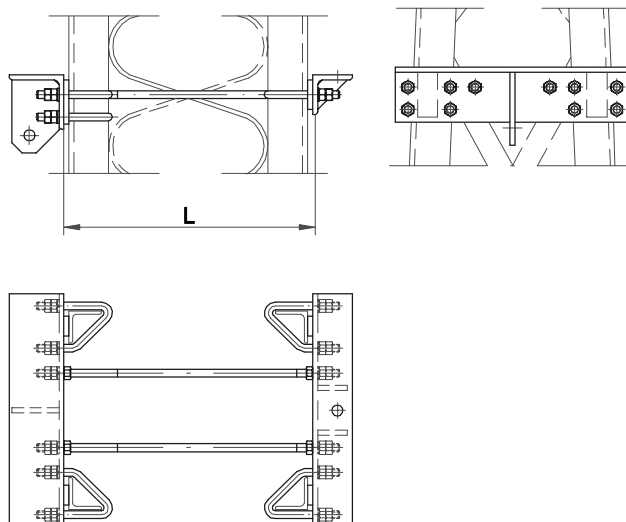


PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA OD 4L PROFILA FIXED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL

64.001.034

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

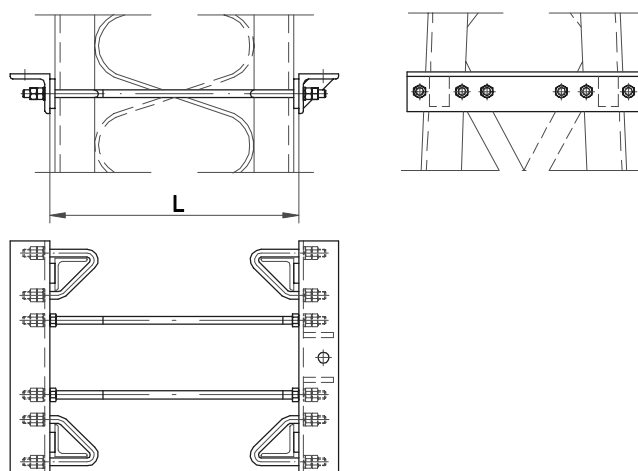
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.133.000	AG	500	21,60
64.133.100	BG	720	27,00
64.133.200	CG	940	30,80
64.133.300	A1G	1020	26,00
64.133.400	B1G	1220	29,70
64.133.500	C1G	1420	34,10



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

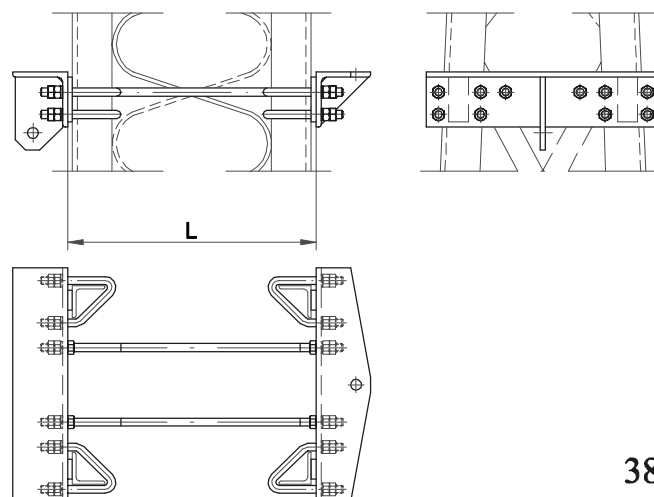


PRIČVRSNIK AUTOMATSKOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA REGULATED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL

64.001.035

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

Kat. br. Cat. No.	Za stup For lattice 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

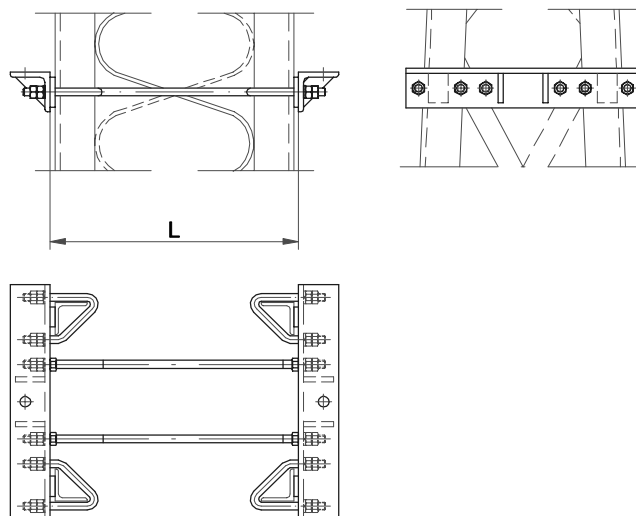


PRIČVRŠĆENJE OPREME ČVRSTOG ZATEZANJA ZA STUP KRUTOG PORTALA OD 4L PROFILA TIP "R" FIXED TERMINATION ATTACHMENT FOR RIGID PORTAL TYPE "R"

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

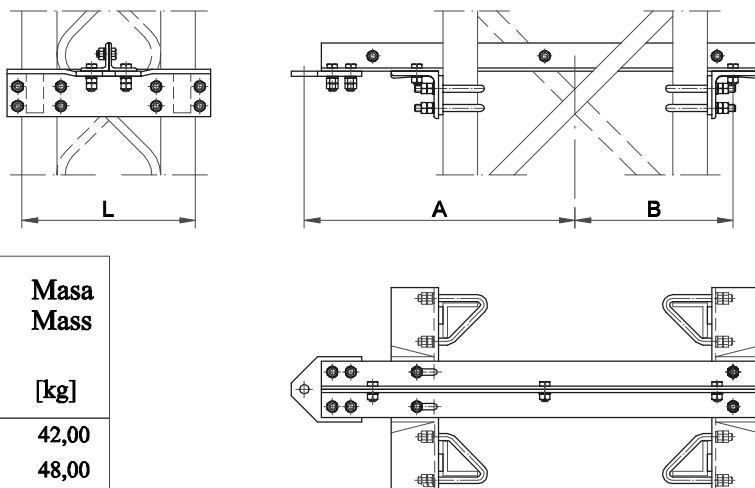


PRIČVRŠĆENJE OPREME AUTOMATSKOG ZATEZANJA I SIDRA ZA STUP KRUTOG PORTALA TIP "R" REGULATED TERMINATION AND MAST ANCHOR ATTACHMENT FOR RIGID PORTAL TYPE "R"

64.001.039

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

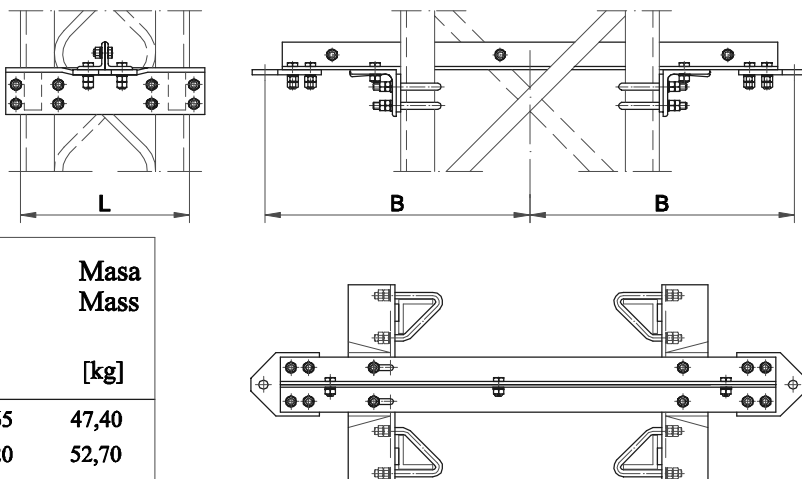
Kat. br. Cat. No.	Tip Type	L	Dimenzije Dimensions A B [mm]		Masa Mass [kg]
64.136.000	AR	400	625 - 665	345 - 385	42,00
64.136.100	BR	500	680 - 720	440 - 480	48,00
64.136.200	CR	600	760 - 800	540 - 580	54,00



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

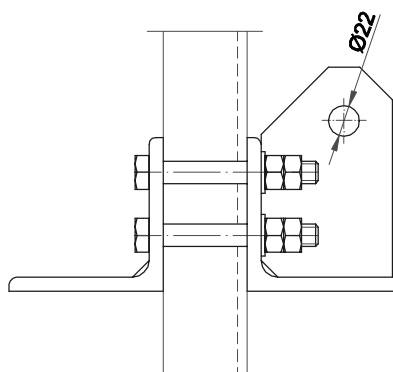
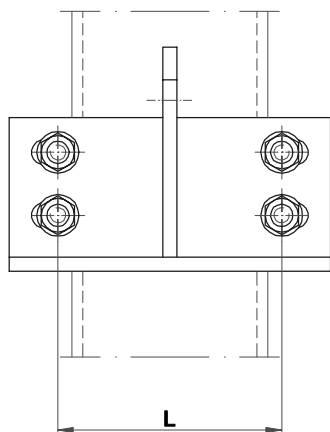
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

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

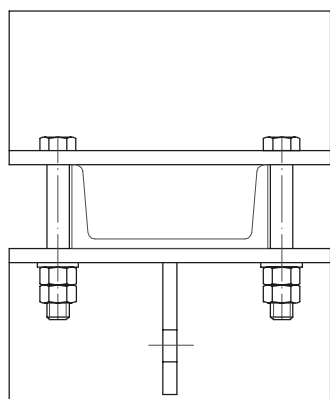


PRIČVRŠĆENJE SIDRA NA STUP OD 4U PROFILA MAST ANCHOR ATTACHMENT FOR U-TOWER

64.001.036



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



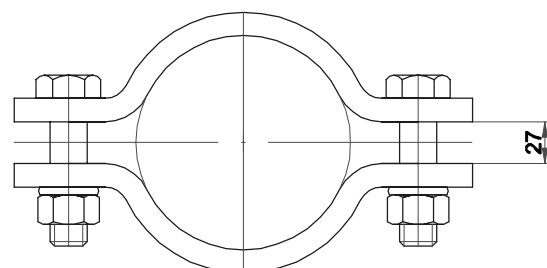
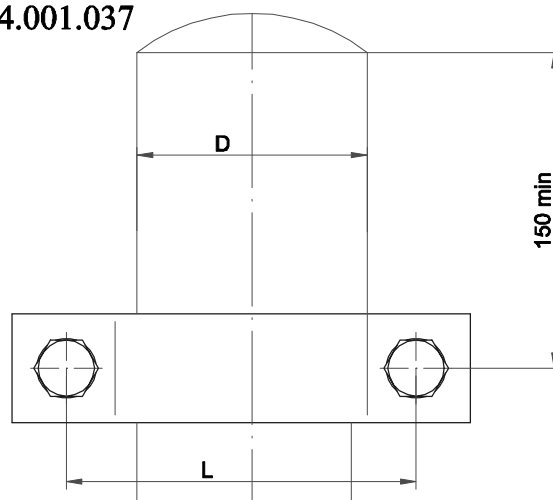
Kat. br. Cat. No.	Za stup For pole	Dimenzije Dimensions L [mm]	Masa Mass [kg]
64.123.100	U14	160	10,40
64.123.200	U16	180	10,80
64.123.300	U18	200	14,50
64.123.400	U20	220	15,10

PRIČVRŠĆENJE SIDRA ZA CIJEVNE STUPOVE MAST ANCHOR ATTACHMENT FOR TUBULAR POLES

64.001.037

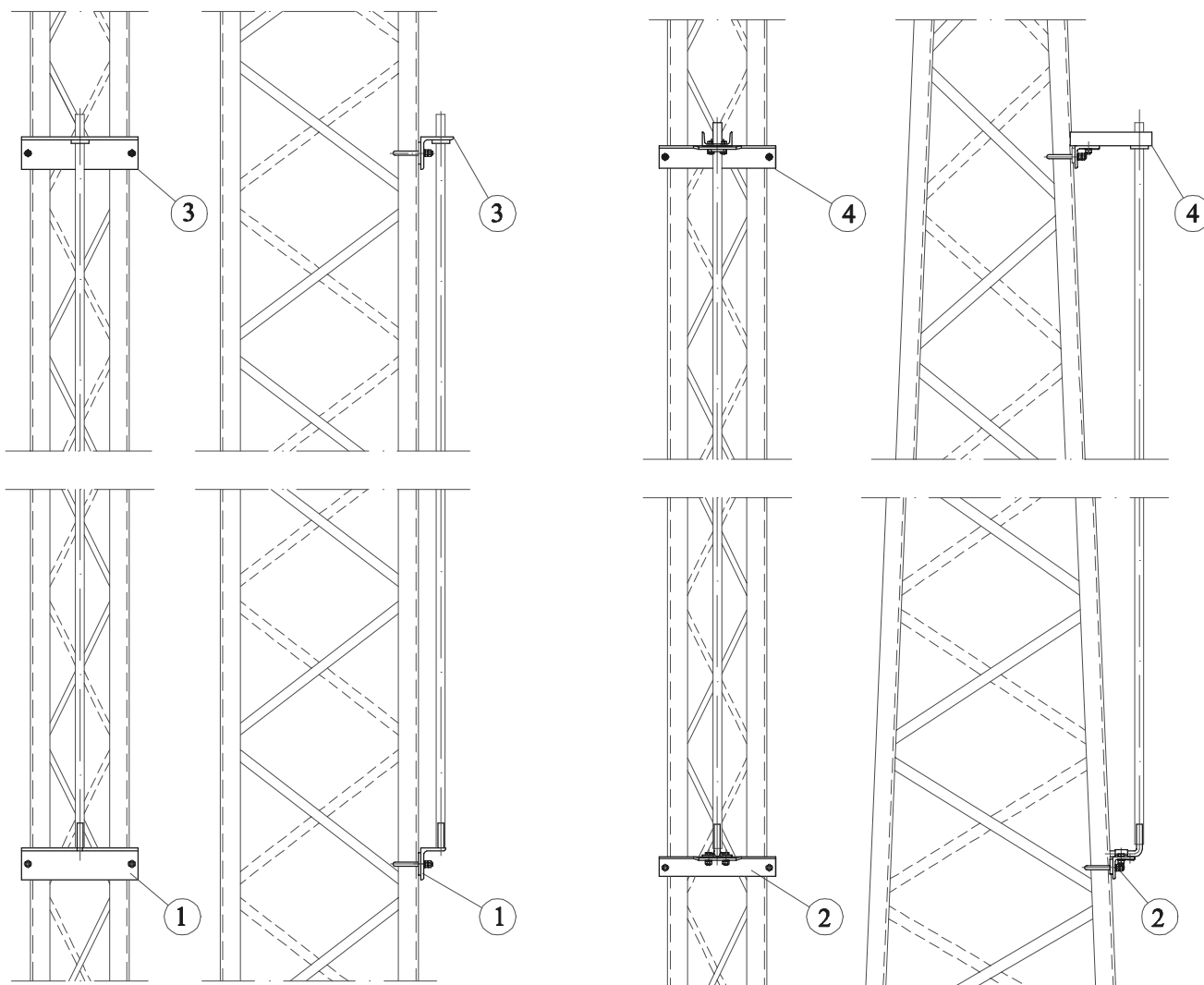
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

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



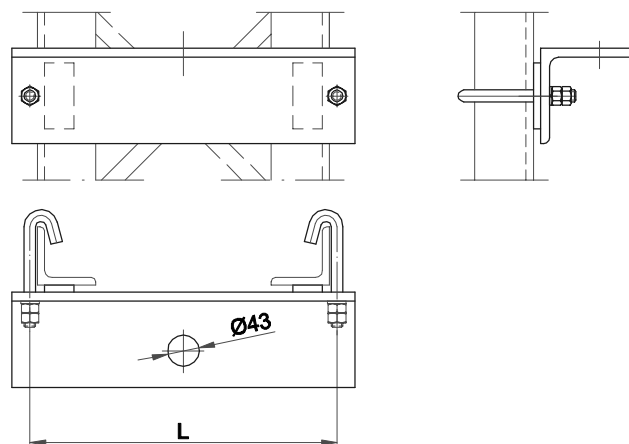
Poz. Item	Naziv sklopa Description
1	Donji pričvršnik vodilice utega za stupove krutog portala Lower fastener of weight guide to rigid portal
2	Donji pričvršnik vodilice utega za stupove krutog portala tip "R" Lower fastener of weight guide to rigid portal type "R"
3	Gornji pričvršnik vodilice utega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

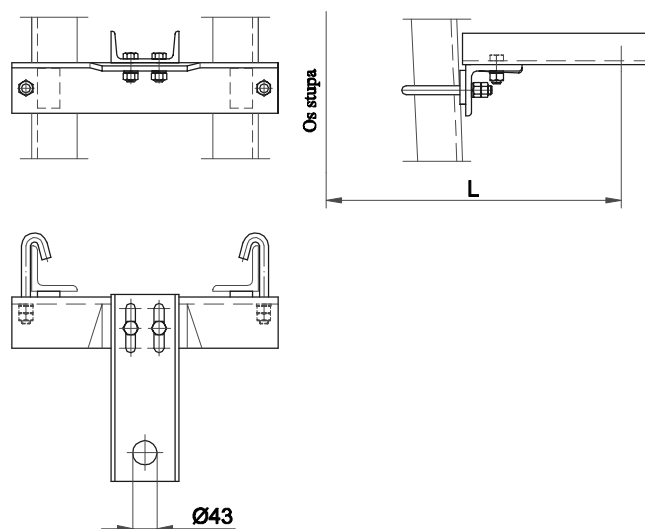


GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUPOVE KRUTOG PORTALA TIP "R"

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

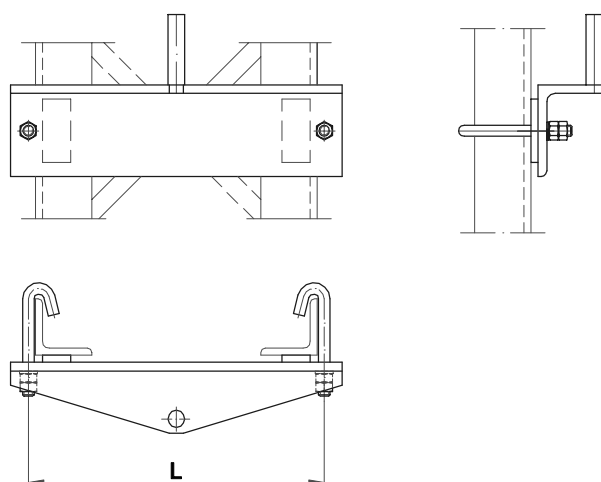


DONJI PRIČVRSNIK VODILICE UTEGA ZA STUPOVE KRUTOG PORTALA

LOWER FASTENER OF GUIDE WEIGTH FOR RIGID PORTAL

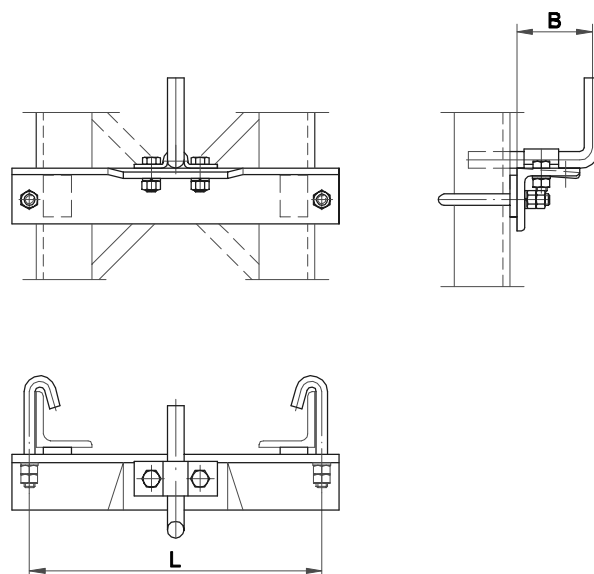
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized

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 WEIGHT FOR RIGID PORTAL TYPE "R"**

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

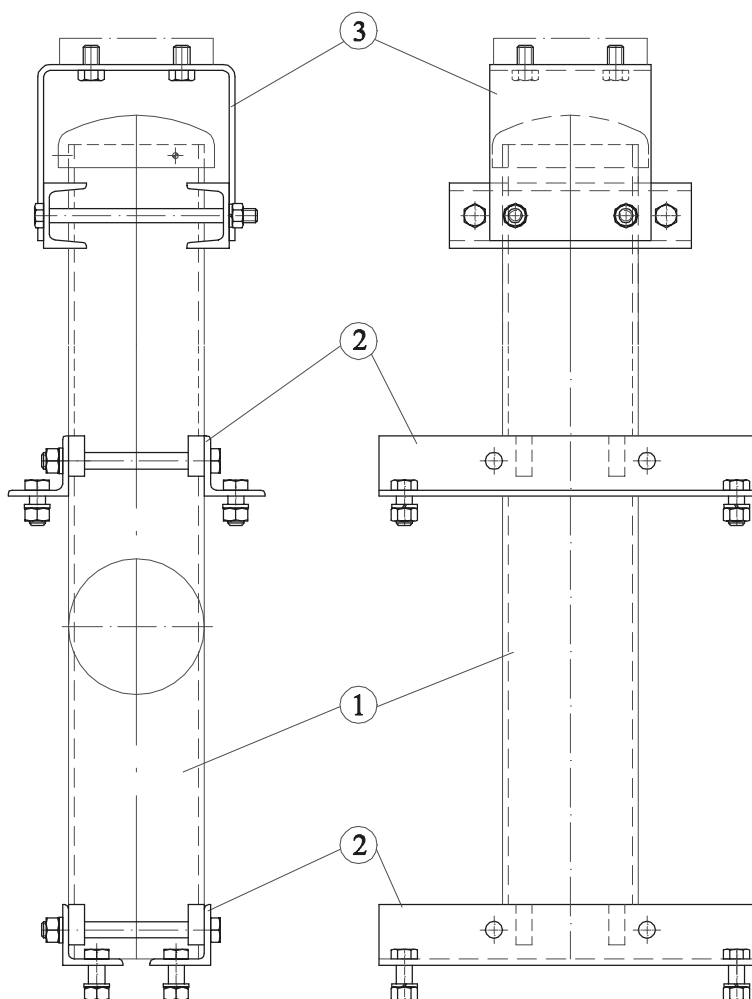


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		L	B	
		[mm]		[kg]
64.136.900	AR	420	90 - 130	9,10
64.137.000	BR	520	90 - 130	10,40
64.137.100	CR	620	115 - 155	11,20

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	Pričvršnik cijevnog nosača izolatora obilaznog voda na kruti portal Fastener of tubular insulator support to the rigid portal
3	Pričvršnik izolatora obilaznog voda za vrh cijevnog stupa ili cijevnog nosača Feeder suspension attachment to the tubular pole top

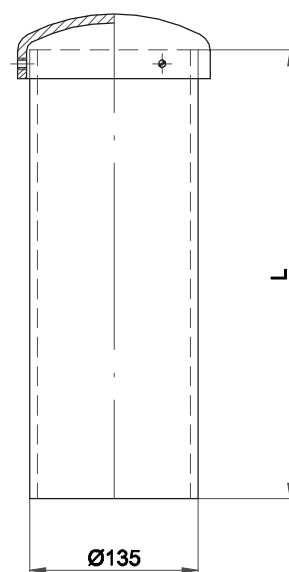
CIJEVNI NOSAČ IZOLATORA OBILAZNOG VODA NA KRUTOM PORTALU TUBE SUPPORT INSULATOR TO RIGID PORTAL

64.104.300

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

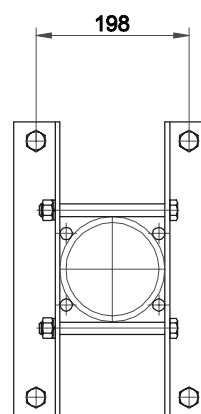
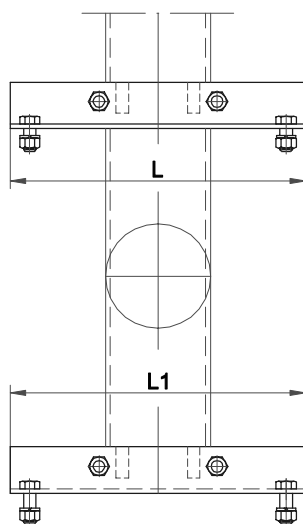
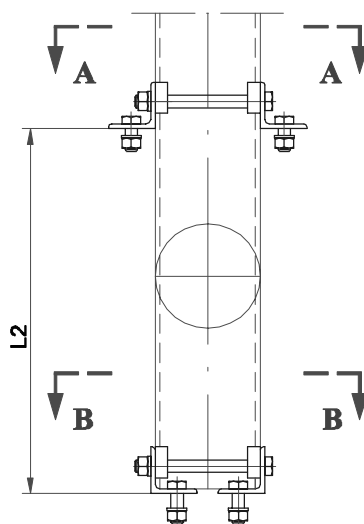
Tip Type	A	B	C	D
Dužina Length L (mm)	2500	2710	2950	3750
Masa Mass (kg)	50,31	54,38	59,04	74,56



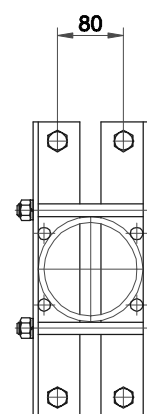
PRIČVRŠNIK CIJEVNOG NOSAČA IZOLATORA OBILAZNOG VODA NA KRUTI PORTAL OD 4L PROFILA FASTENER FOR TUBULAR INSULATOR SUPPORT TO RIGID PORTAL

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



Presjek: A - A
Section: A - A



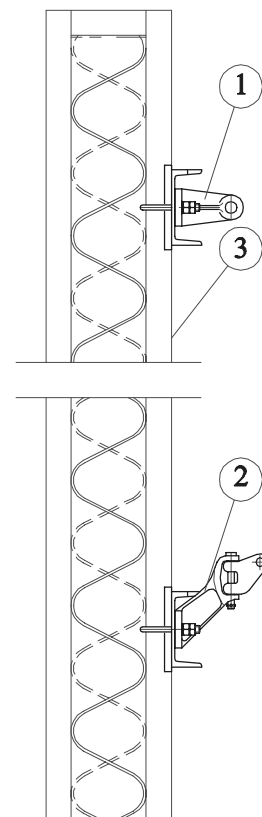
Presjek: B - B
Section: B - B

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions			Masa Mass [kg]
		L	L ₁ [mm]	L ₂	
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**

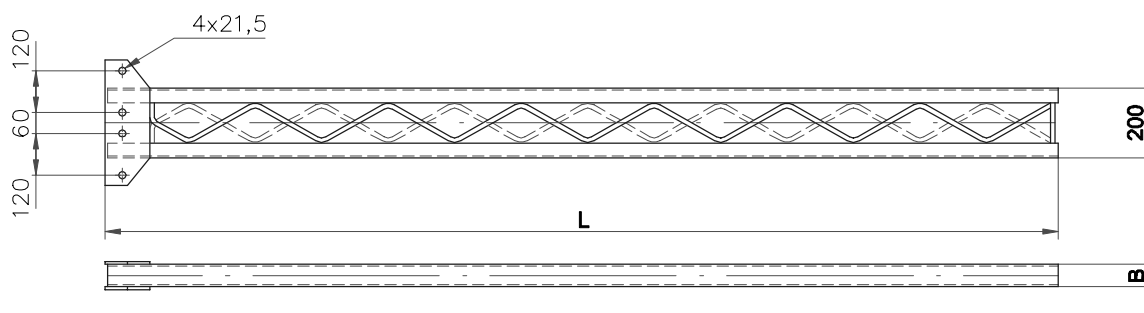
64.001.046

Poz. Item	Naziv sklopa Description
1	Pričvršnik zatege za nosač opreme 65 Top member attachment for U towers 65
2	Zglobni pričvršnik 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

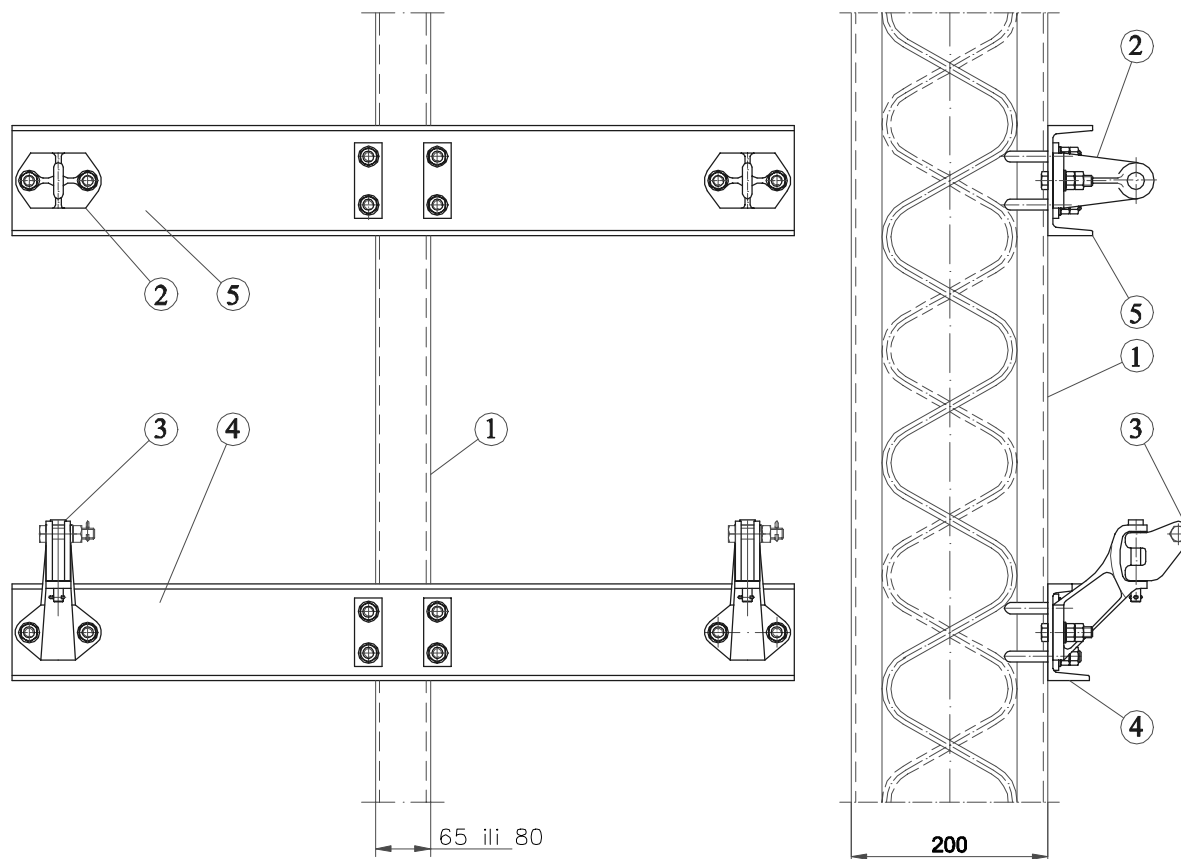


Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass
	L	B	
	[mm]		[kg]
64.103.400	2740	65	51,50
64.103.500	2740	80	62,00
64.103.600	1976	65	49,94

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

65.. 64.001.047

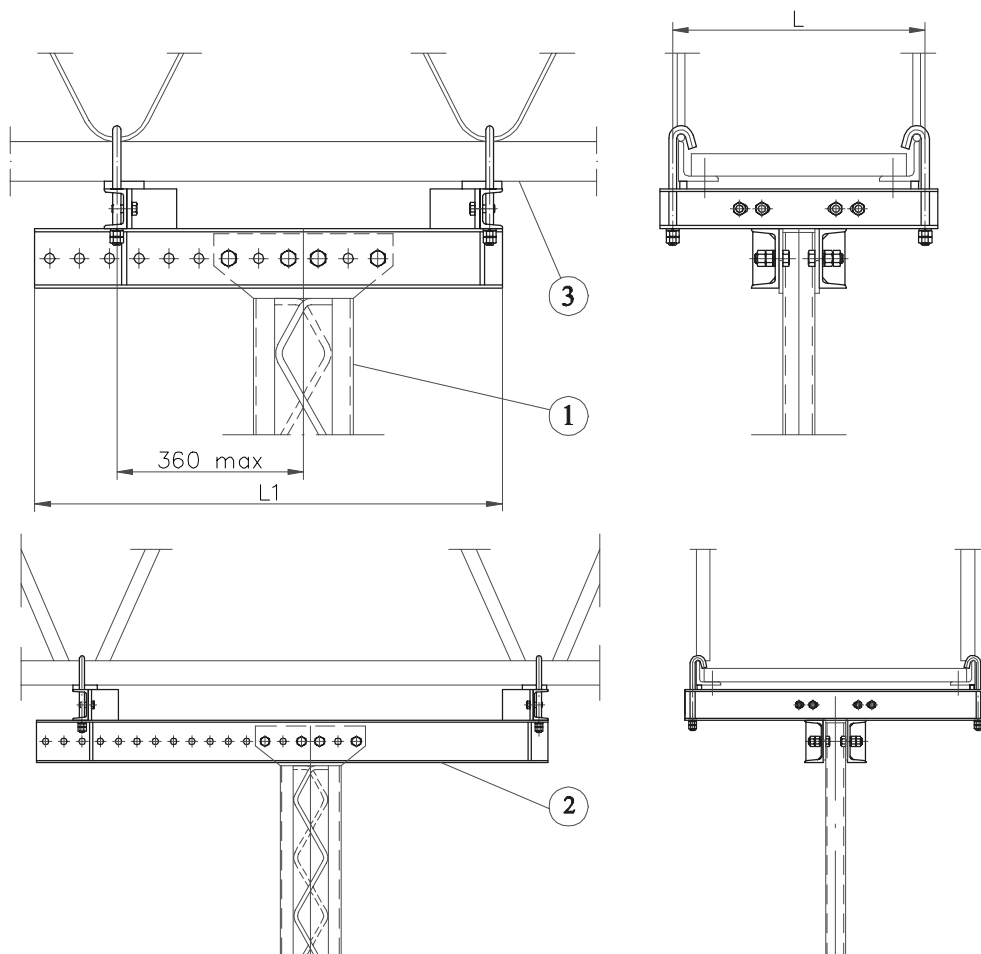
80.. 64.001.049



Poz. Item	Naziv sklopa Description
1	Nosač opreme krutog portala 65 i 80 Assembly for rigid portal 65 and 80
2	Pričvršnik zatege za nosač opreme 65 i 80 Top member attachment for U towers 65 and 80
3	Zglobni pričvršnik kosnika za nosač opreme krutog portala 65 i 80 Strut member attachment for rigid portal 65 and 80
4	Nosač zglobnog pričvršnika 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 pričvršnika 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**

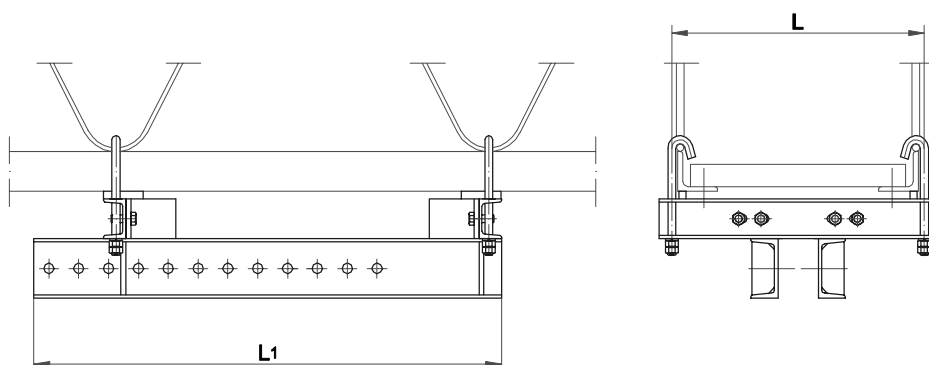
64.001.051



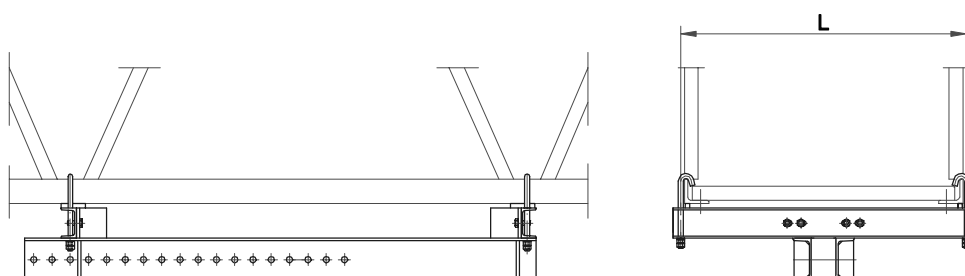
Poz. Item	Naziv sklopa Description
1	Nosač opreme za gredu krutog portala Assembly for crossarm of rigid portal
2	Pričvršnik nosača opreme za gredu krutog portala Support festener of assembly for crossarm of rigid portal
3	Greda krutog portala od 4L profila Rigid portal

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

Tip 01
Type 01



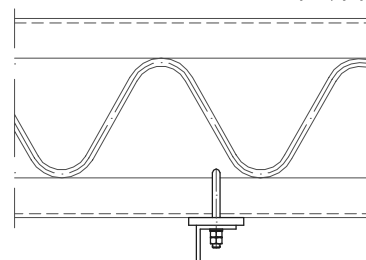
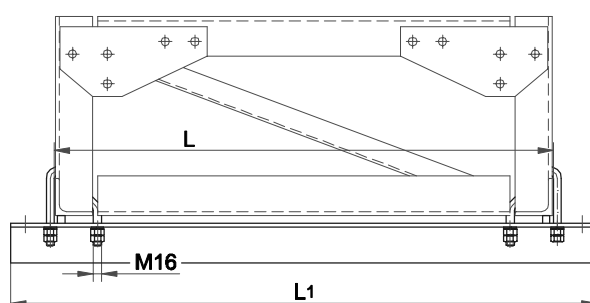
Tip 02
Type 02



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass	
		L	L1	Tip/Type 01	Tip/Type 02
		[mm]		[kg]	
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

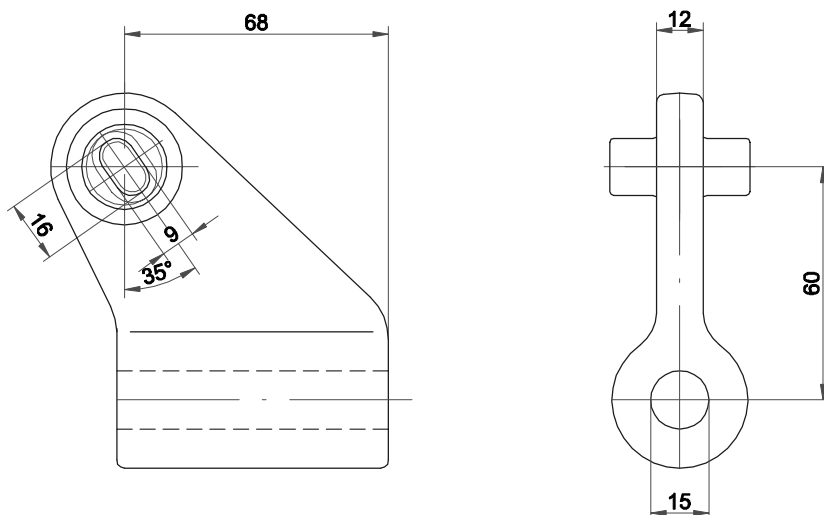


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		L	L1	
		[mm]		[kg]
64.139.400	A1	1000	1180	13,80
64.139.500	B1	1200	1380	15,61
64.139.600	C1	1400	1580	21,15

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

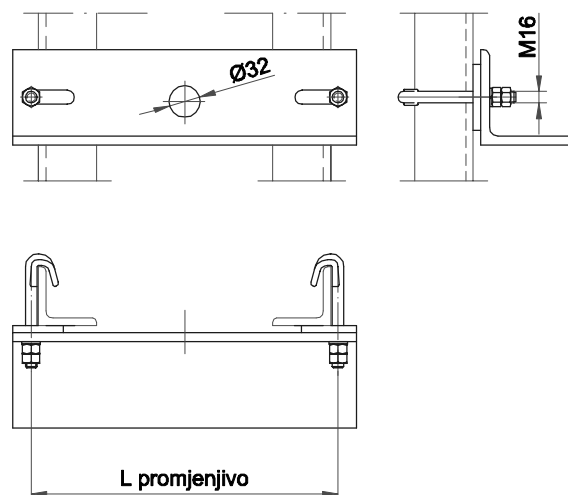


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 1 FASTENER FOR ACROSS CONDUCTOR

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

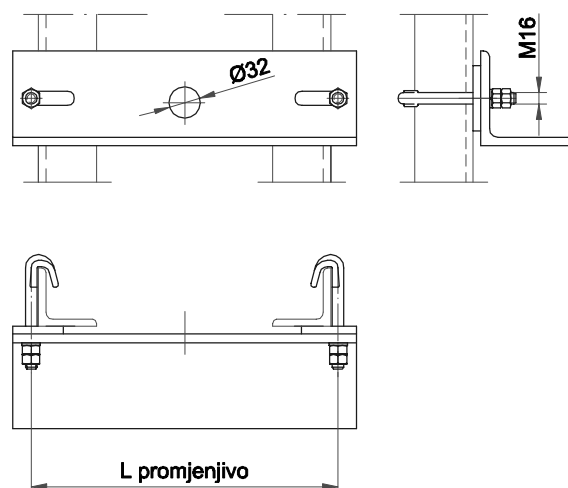


PRIČVRSNIK POPREČNOG UŽETA ZA STUP GP 2 FASTENER FOR ACROSS CONDUCTOR

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

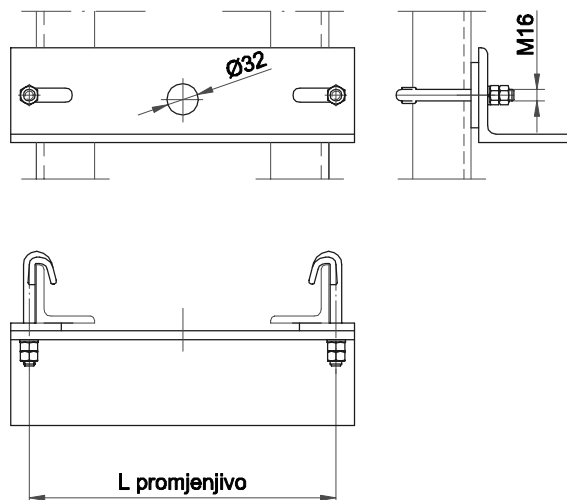


PRİÇVRSNIK POPREČNOG UŽETA ZA STUP GP 3 FASTENER FOR ACROSS CONDUCTOR

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

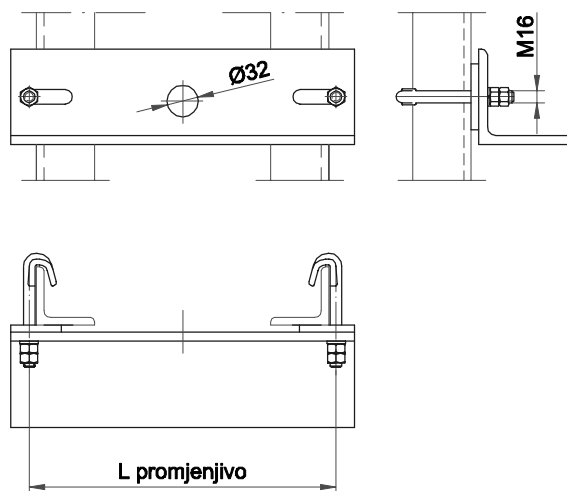


PRİÇVRSNIK POPREČNOG UŽETA ZA STUP GP 4 FASTENER FOR ACROSS CONDUCTOR

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

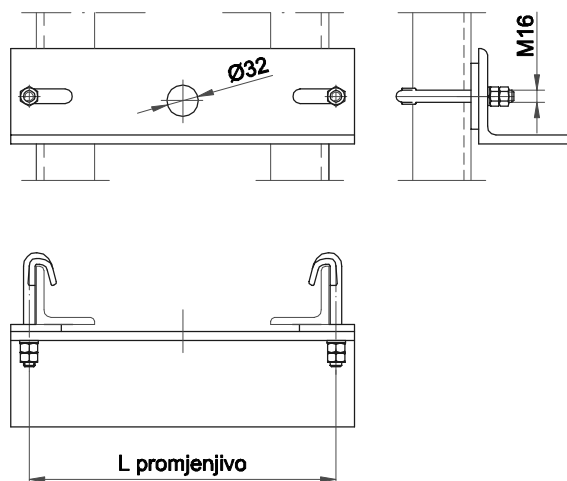


PRİÇVRSNIK POPREČNOG UŽETA ZA STUP GP 5 FASTENER FOR ACROSS CONDUCTOR

64.127.400

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

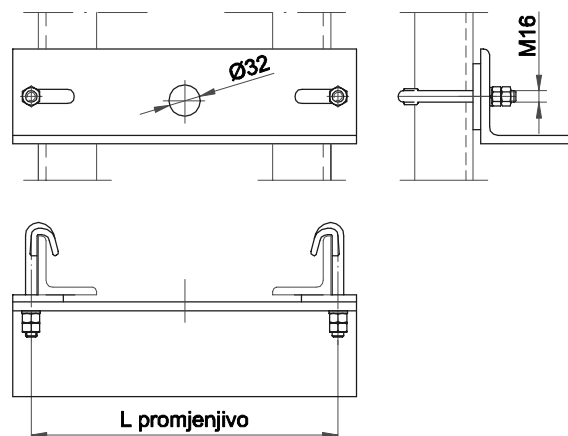
Tip / Type	A	B	C	D	E
Dužina / Length L [mm]	812	880	949	1017	1086
Masa / Mass [kg]	19,20	20,50	22,00	23,50	25,00



PRIČVRŠNIK 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

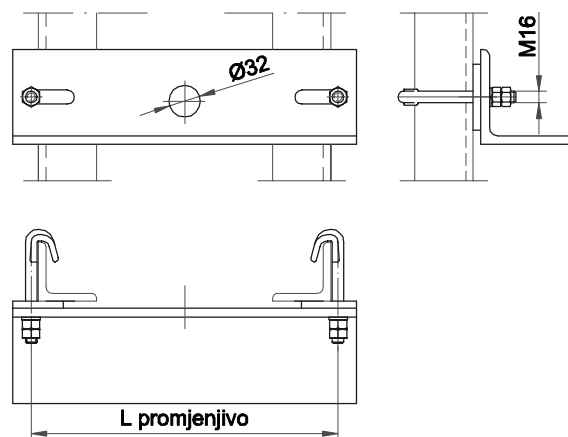


Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,80	25,40	27,00	28,50	29,20	30,80	34,50	36,00	37,20

PRIČVRŠNIK 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

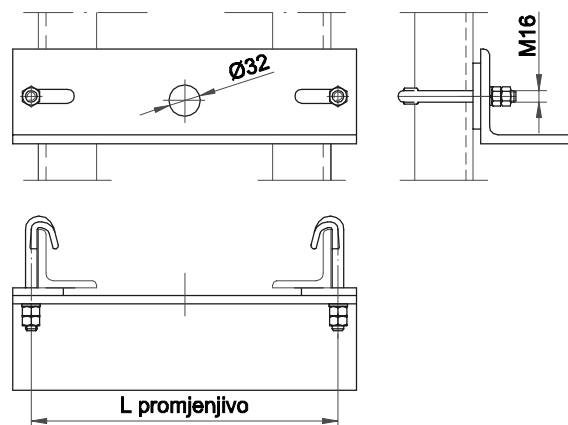


Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,70	25,30	26,90	28,40	29,10	30,70	34,40	35,90	37,10

PRIČVRŠNIK 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

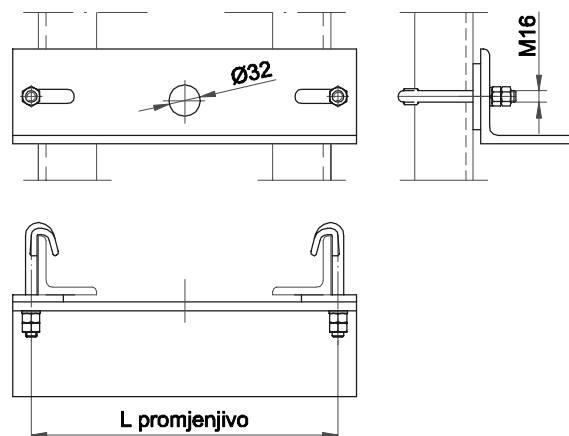


Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,80	25,40	27,00	28,50	29,20	30,80	34,50	36,00	37,20

PRČVRNIK 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



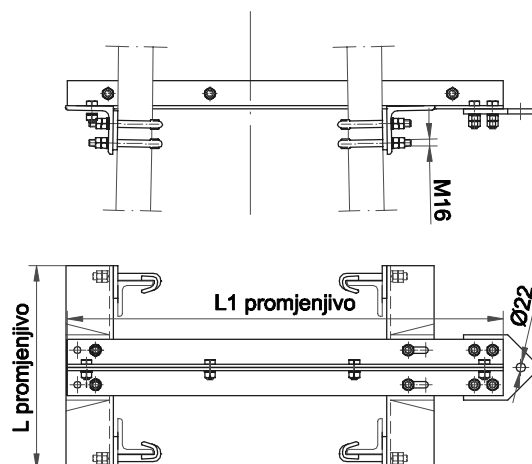
Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	870	935	1000	1060	1088	1154	1304	1359	1414
Masa / Mass [kg]	23,80	25,40	27,00	28,50	29,20	30,80	34,50	36,00	37,20

PRČVRNIK 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

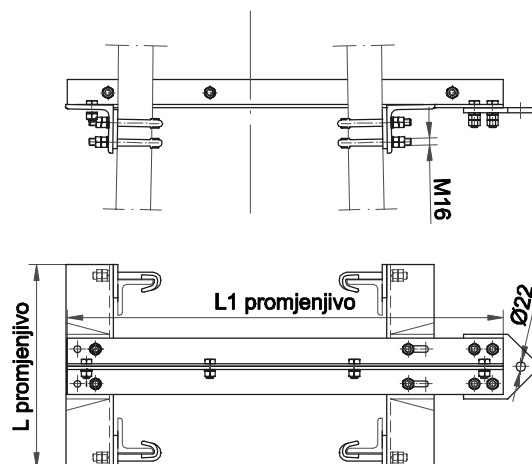


PRČVRNIK AUTOMATSKOG ZATEZANJA ZA STUP GP 5 FASTENER FOR AUTOMATIC TENSIONER

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

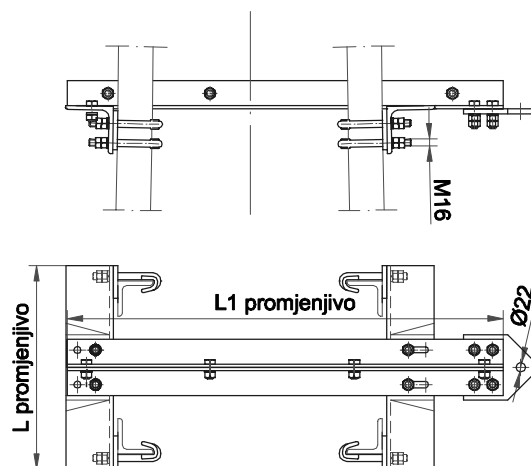


PRIČVRSNIK AUTOMATSKOG ZATEZANJA ZA STUP GP 6 FASTENER FOR AUTOMATIC TENSIONER

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

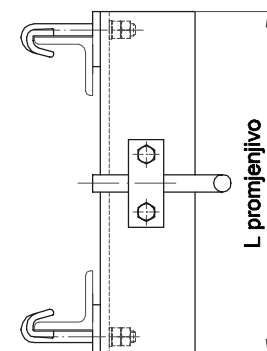
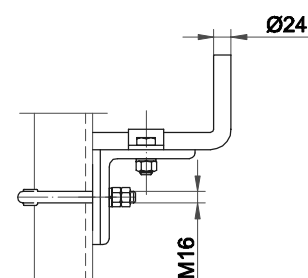


DONJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 4 BOTTOM FASTENER FOR WEIGHT TUBE

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

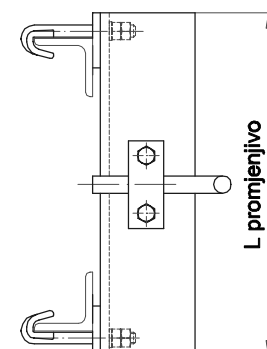
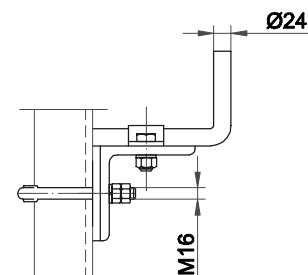


DONJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 5 BOTTOM FASTENER FOR WEIGHT TUBE

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



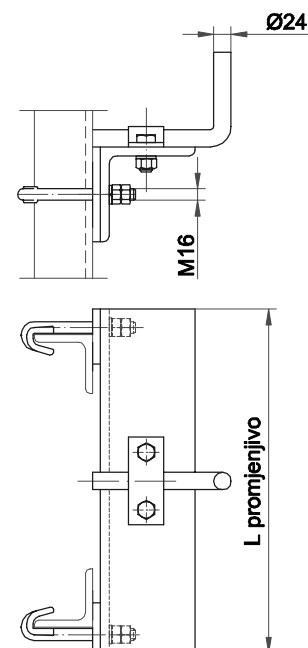
DONJI PRIČVRŠNIK VODILICE UTEGA ZA STUP GP 6 BOTTOM FASTENER FOR WEIGHT TUBE

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



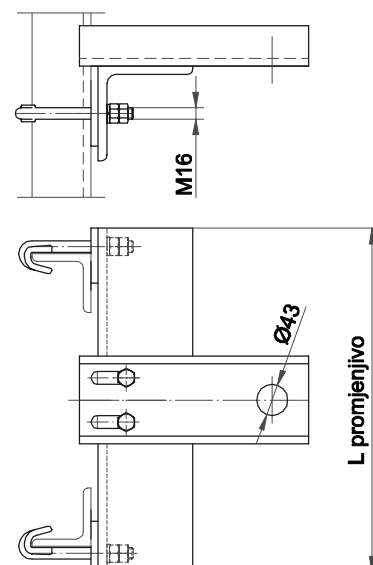
GORNJI PRIČVRŠNIK VODILICE UTEGA ZA STUP GP 4 UPPER FASTENER FOR WEIGHT TUBE

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



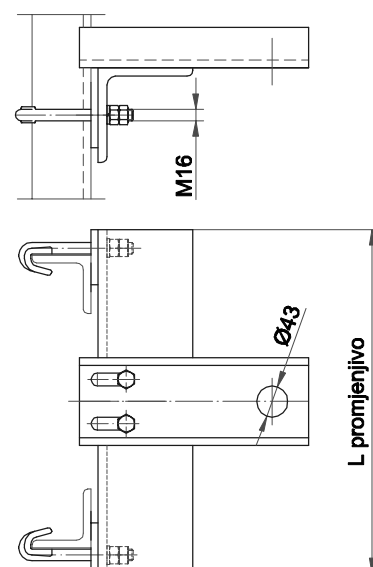
GORNJI PRIČVRŠNIK VODILICE UTEGA ZA STUP GP 5 UPPER FASTENER FOR WEIGHT TUBE

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



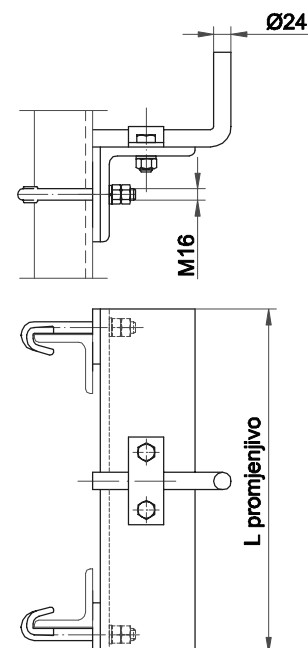
GORNJI PRIČVRSNIK VODILICE UTEGA ZA STUP GP 6 UPPER FASTENER FOR WEIGHT TUBE

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

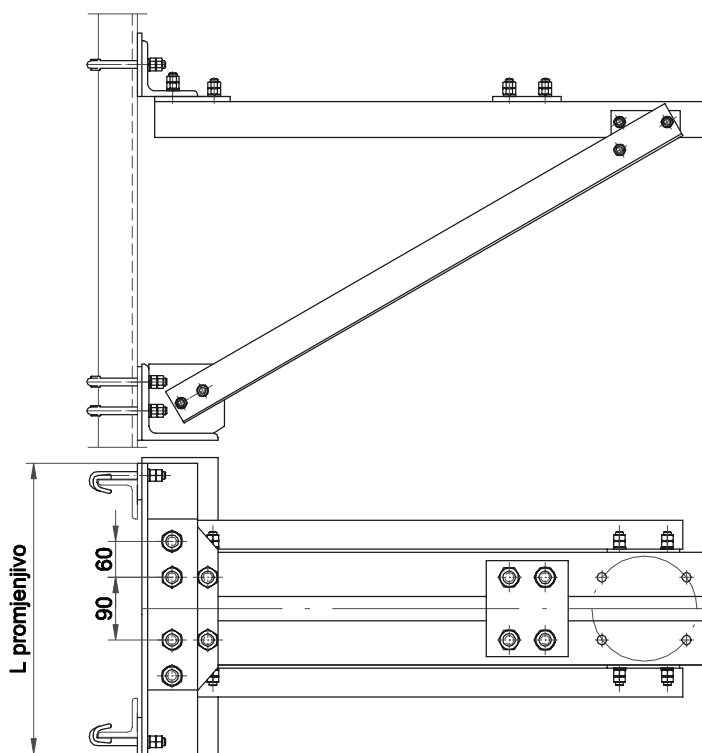


KONZOLA POTPORNOG IZOLATORA ZA STUP GP 1 CROSS ARM FOR POST INSULATOR

64.128.800

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



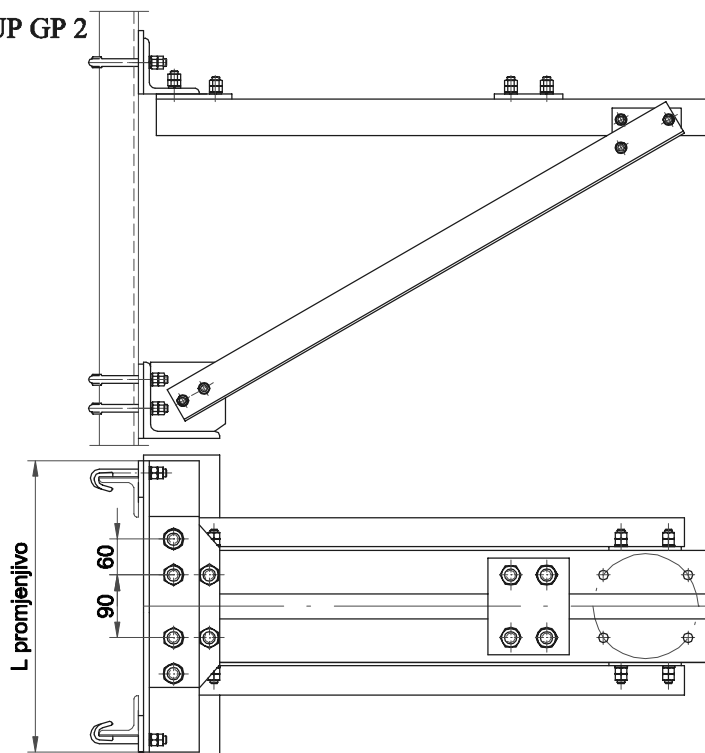
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,0	45,4	46,1	46,0	48,9	48,7	50,5	52,3	54,2	50,3	52,2	54,0	52,5	54,3	55,9

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



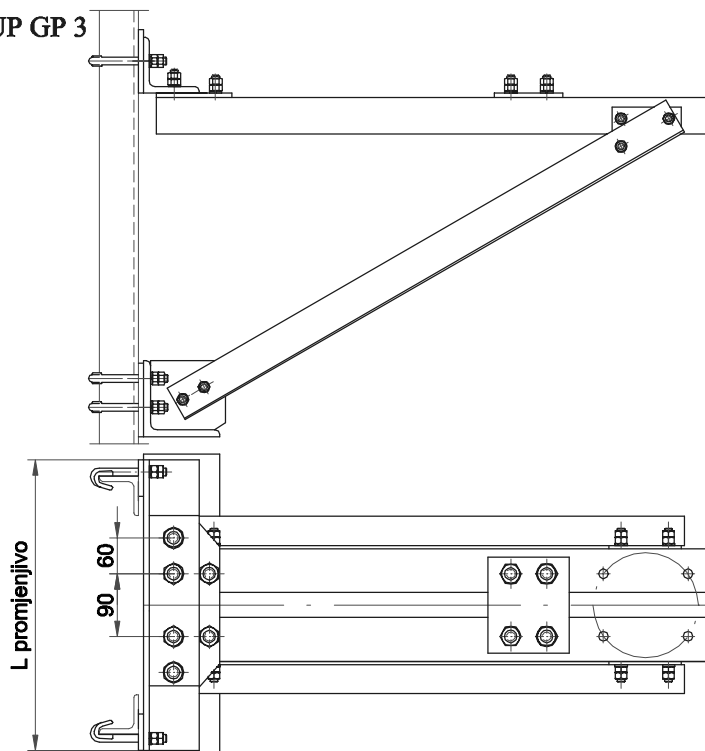
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,0	45,4	46,1	46,0	48,9	48,7	50,5	52,3	54,2	50,3	52,2	54,0	52,5	54,3	55,9

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



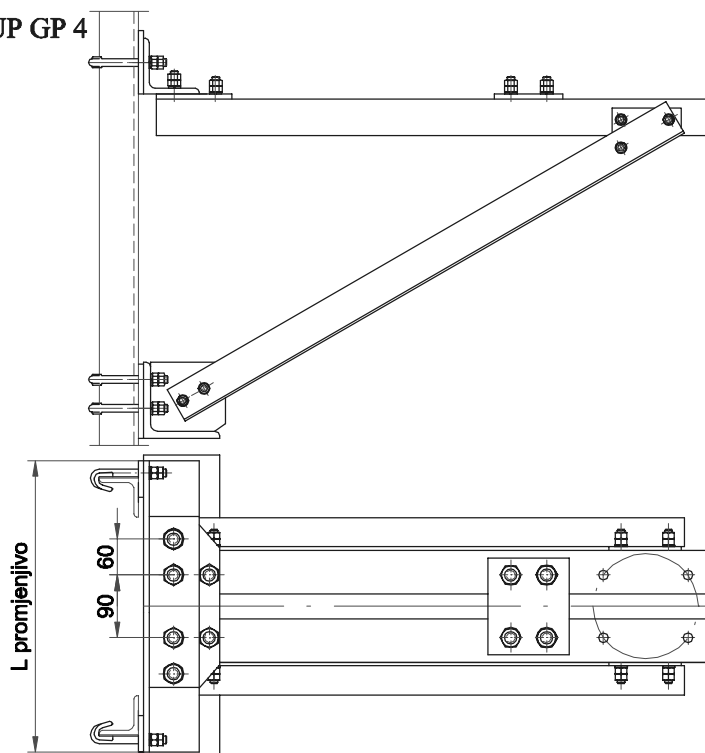
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,0	45,4	46,1	46,0	48,9	48,7	50,5	52,3	54,2	50,3	52,2	54,0	52,5	54,3	55,9

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



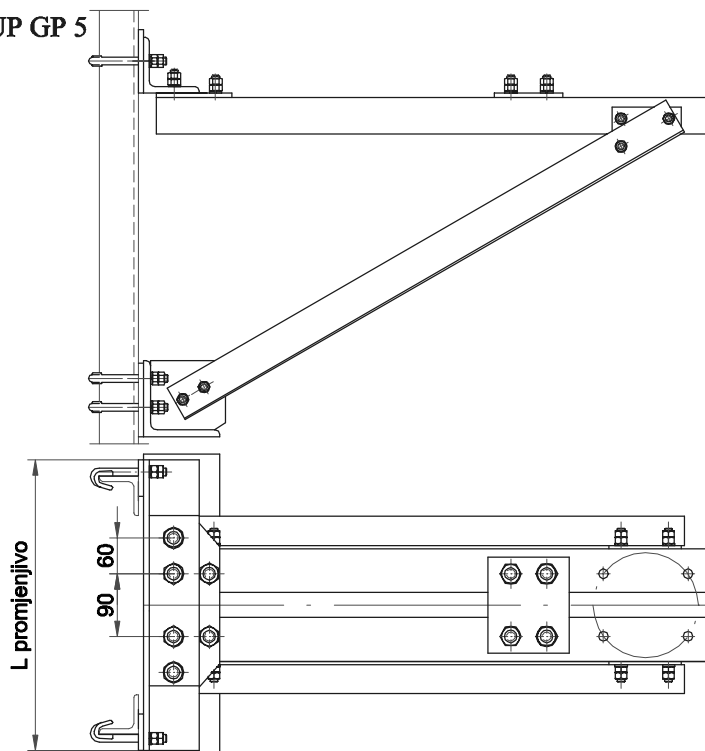
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,2	45,6	46,3	46,2	49,1	48,9	50,7	52,5	54,4	50,5	52,4	54,2	52,7	54,5	56,1

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



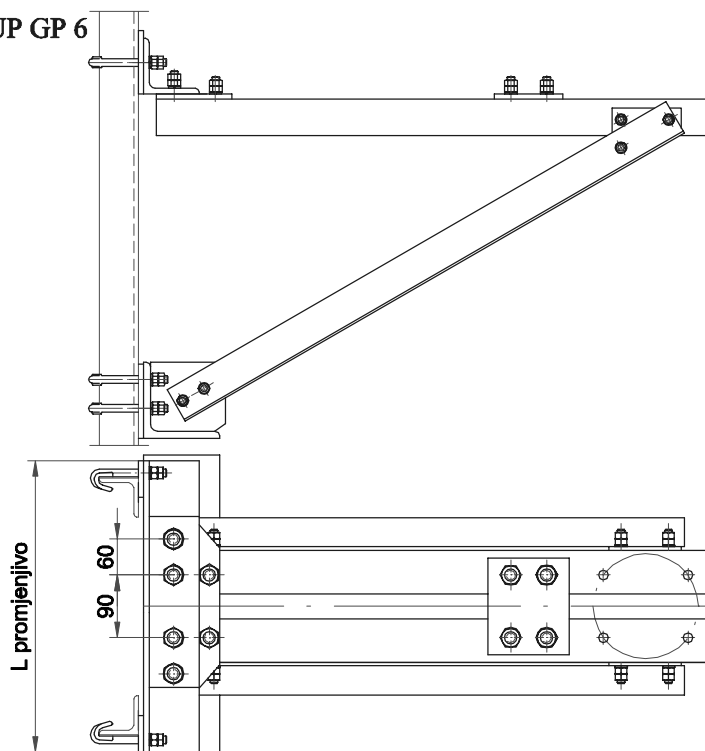
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,4	45,8	46,5	46,4	49,3	49,1	50,9	52,7	54,6	50,7	52,6	54,4	52,9	54,7	56,3

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



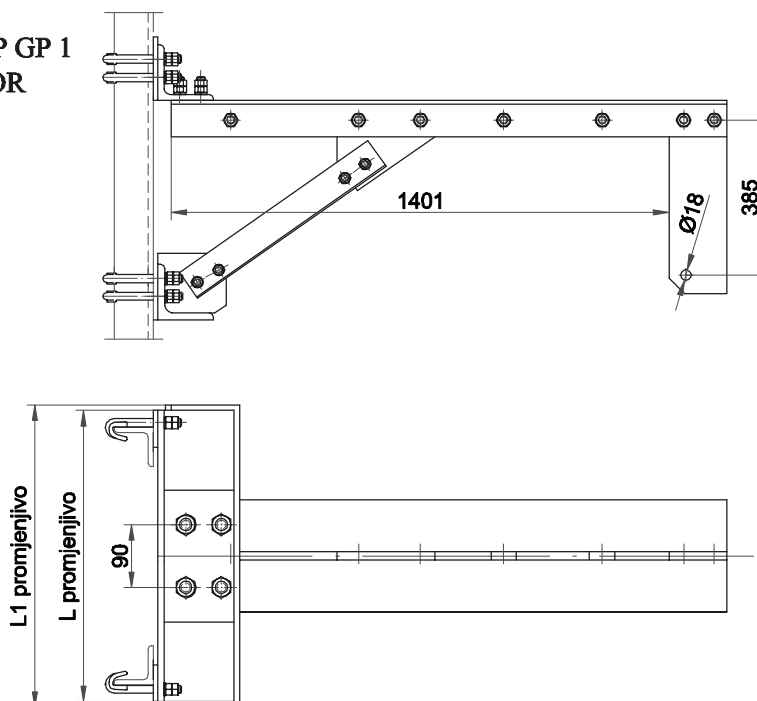
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
Dužina / Length L [mm]	582	600	666	656	726	716	784	852	924	780	848	916	856	920	984
Masa / Mass [kg]	45,4	45,8	46,5	46,4	49,3	49,1	50,9	52,7	54,6	50,7	52,6	54,4	52,9	54,7	56,3

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



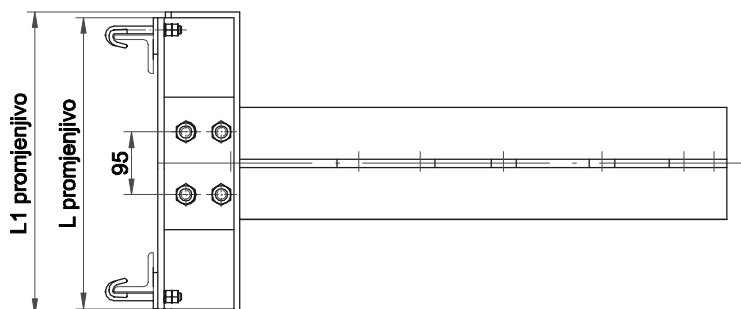
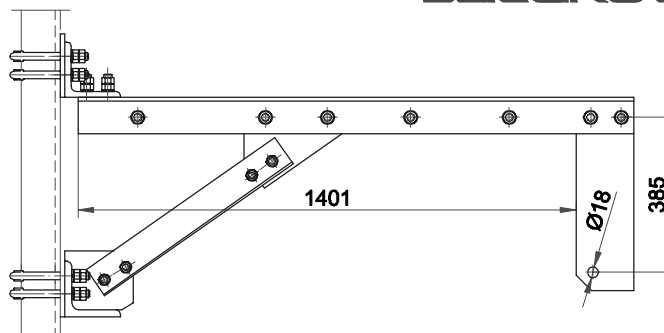
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1 [mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	55,8	58,1	57,5	59,7	60,4	62,9	65,3	63,1	65,7	64,2	66,6	73,0	75,9

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



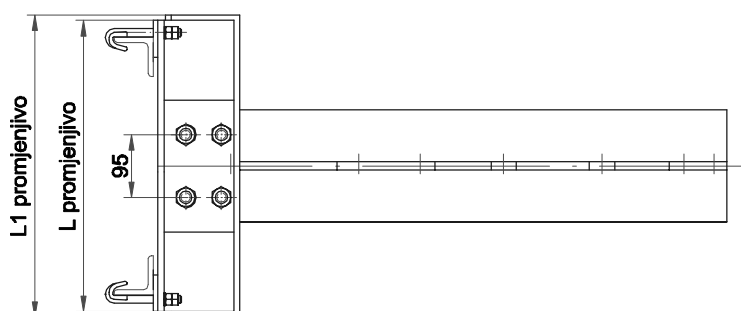
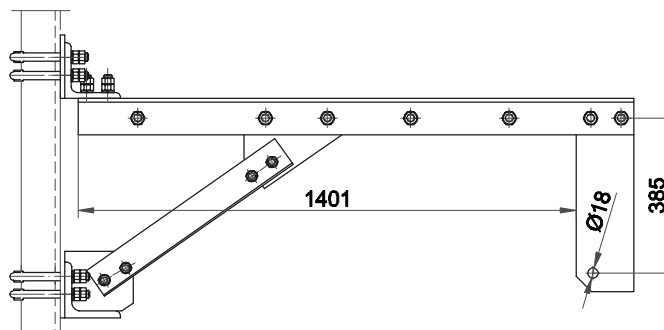
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	55,8	58,1	57,5	59,7	60,4	62,9	65,3	63,1	65,7	64,2	66,6	73,0	75,9

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



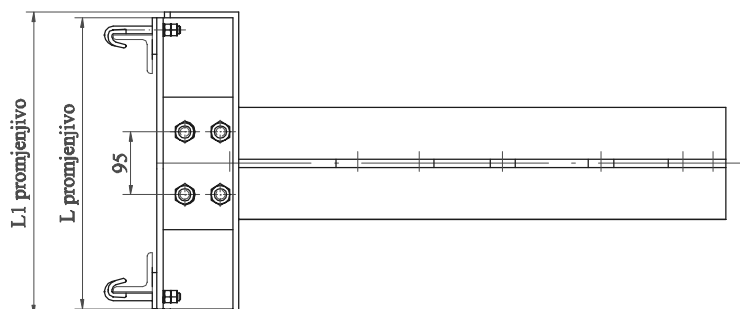
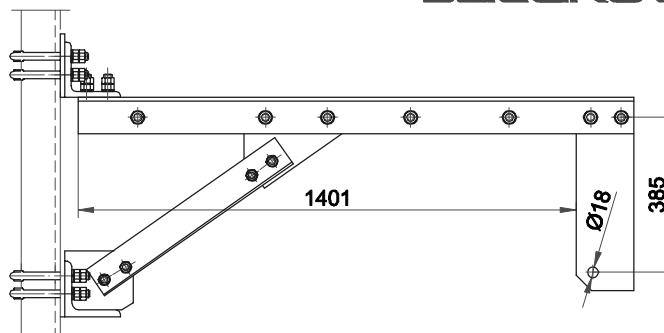
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	55,8	58,1	57,5	59,7	60,4	62,9	65,3	63,1	65,7	64,2	66,6	73,0	75,9

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



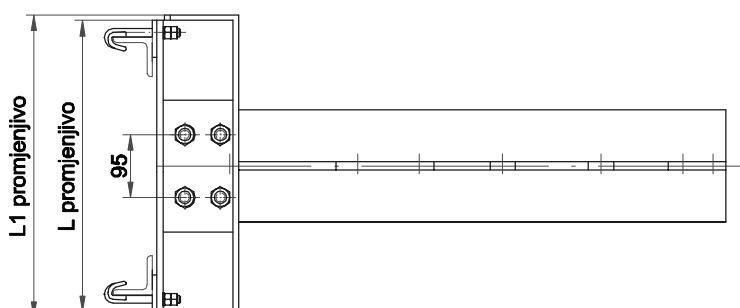
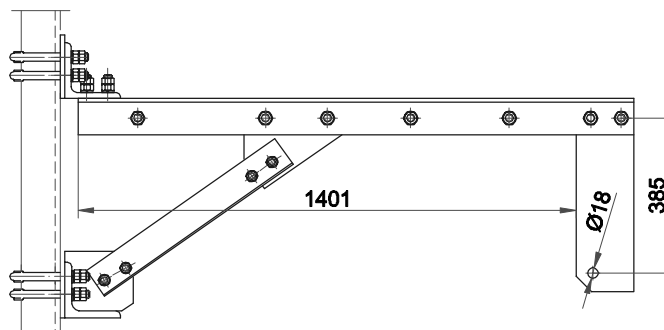
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	56,0	58,3	57,7	59,9	60,6	63,1	65,5	63,3	65,9	64,4	66,8	73,2	76,1

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



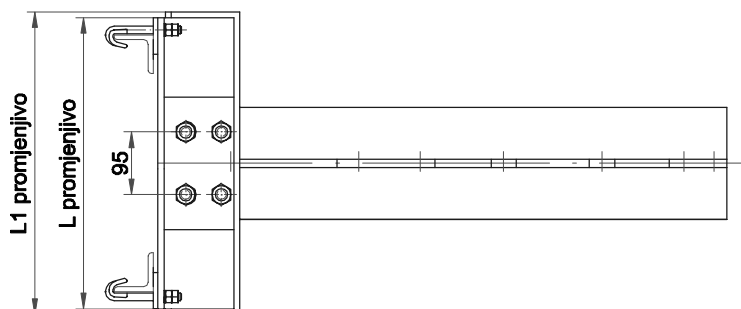
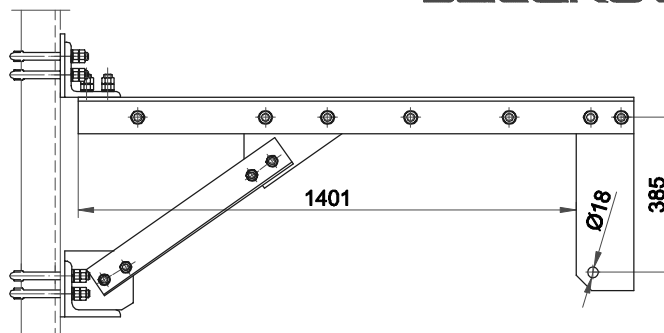
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	56,3	58,6	58,0	60,2	60,9	63,4	65,8	63,6	66,2	64,7	67,1	73,5	76,4

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



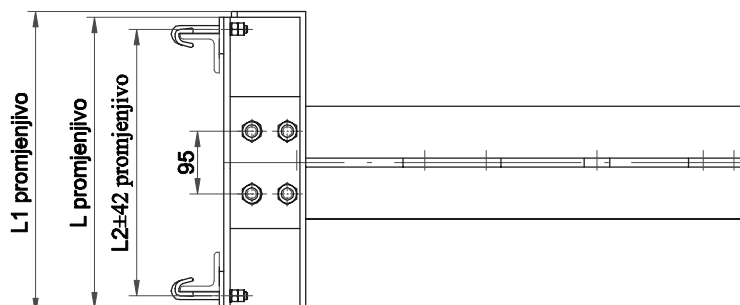
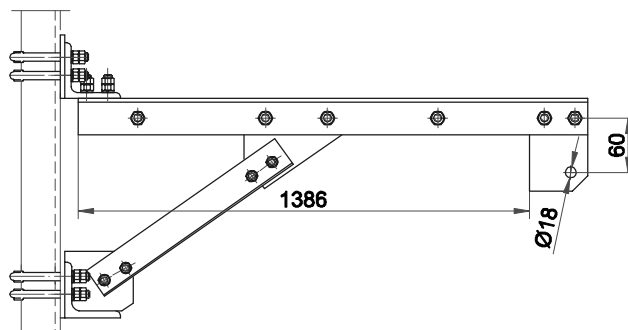
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Masa / Mass [kg]	56,3	58,6	58,0	60,2	60,9	63,4	65,8	63,6	66,2	64,7	67,1	73,5	76,4

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



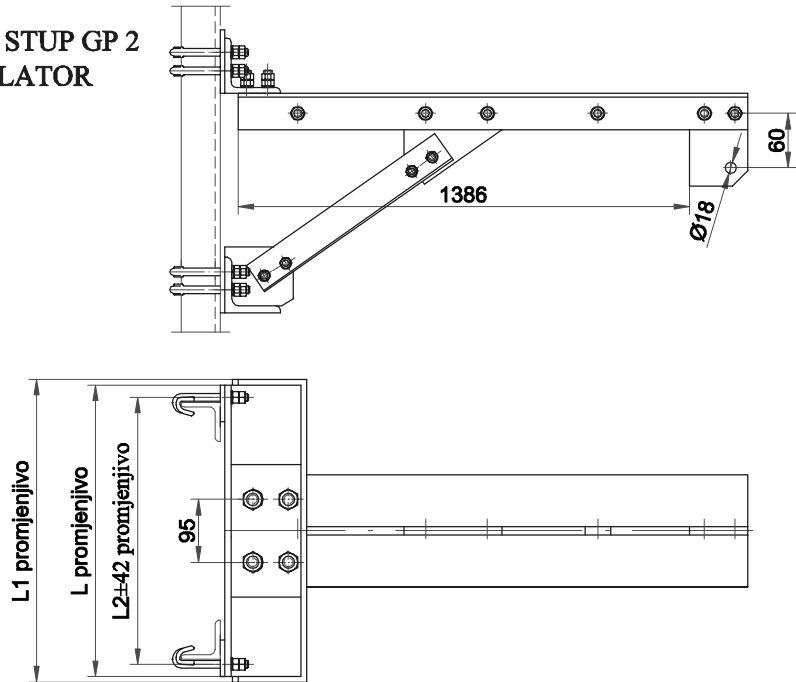
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	47,9	50,2	49,6	51,8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



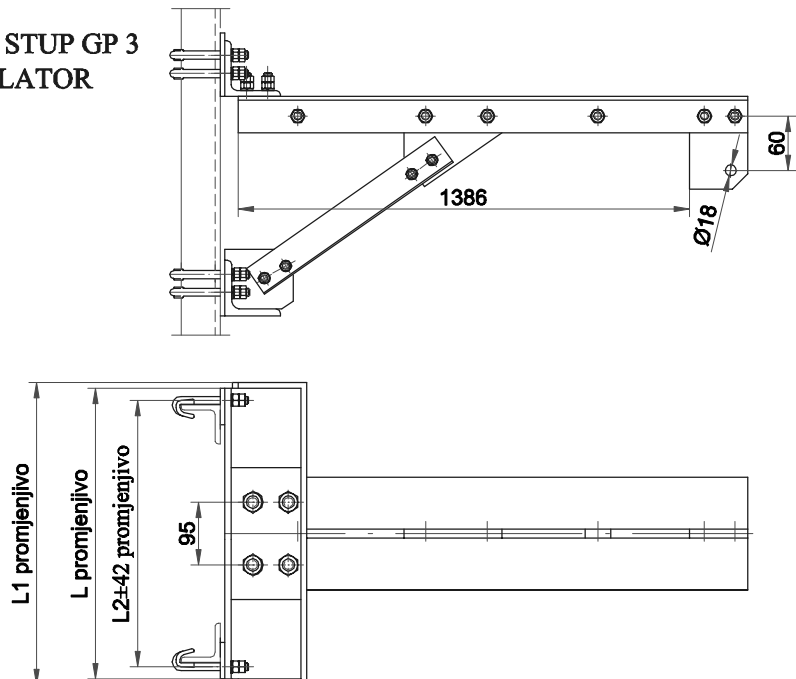
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	47,9	50,2	49,6	51,8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



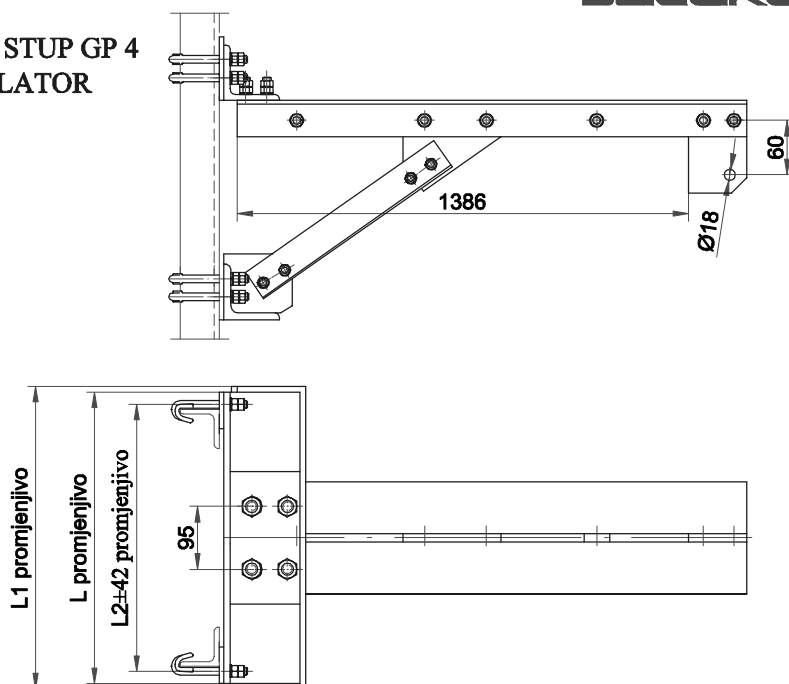
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	47,9	50,2	49,6	51,8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



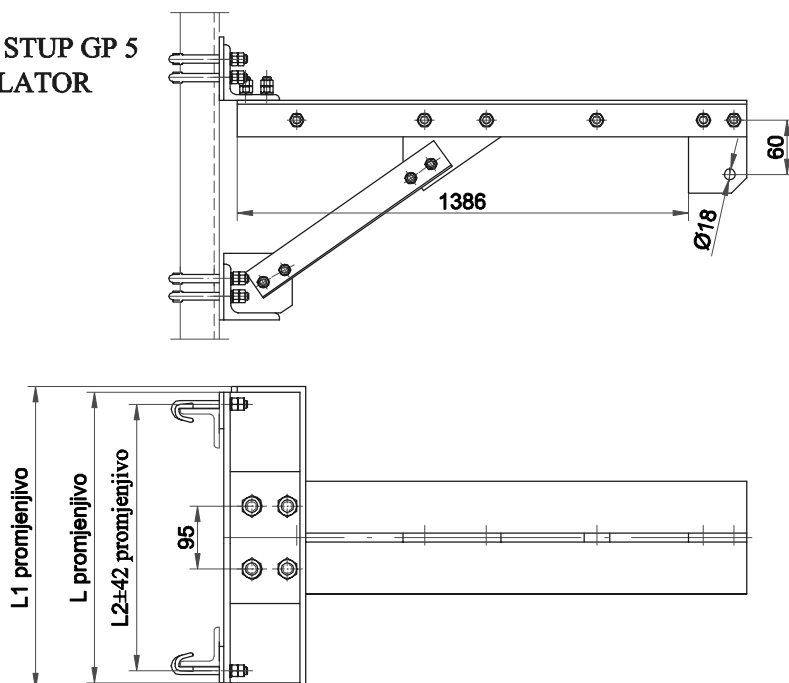
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	48,1	50,4	49,8	52,0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



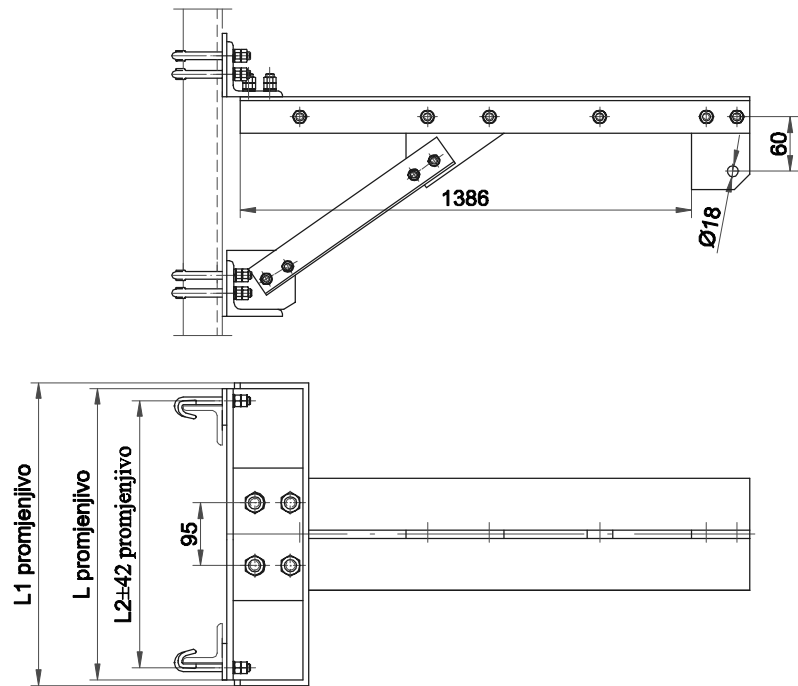
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P
Dužina / Length L [mm]	544	610	592	654	674	744	814	748	822	778	848	1030	1114
Dužina / Length L1[mm]	566	632	616	678	700	770	840	780	854	810	880	1062	1146
Dužina / Length L1[mm]	368	434	416	478	498	568	638	572	646	602	672	854	938
Masa / Mass [kg]	48,4	50,7	50,1	52,3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

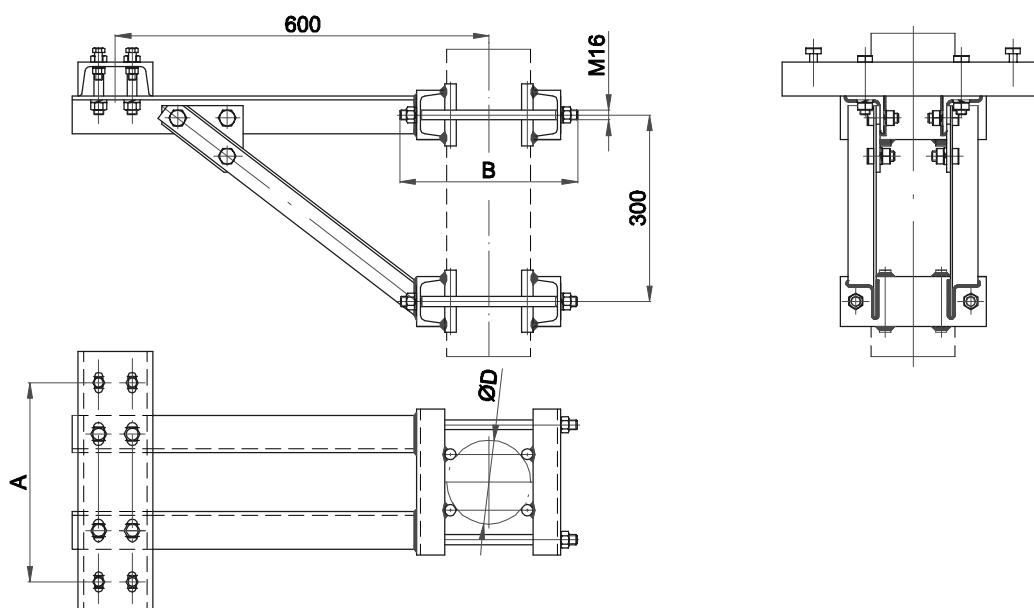
Material : steel DIN 17100, hot dip galvanized



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

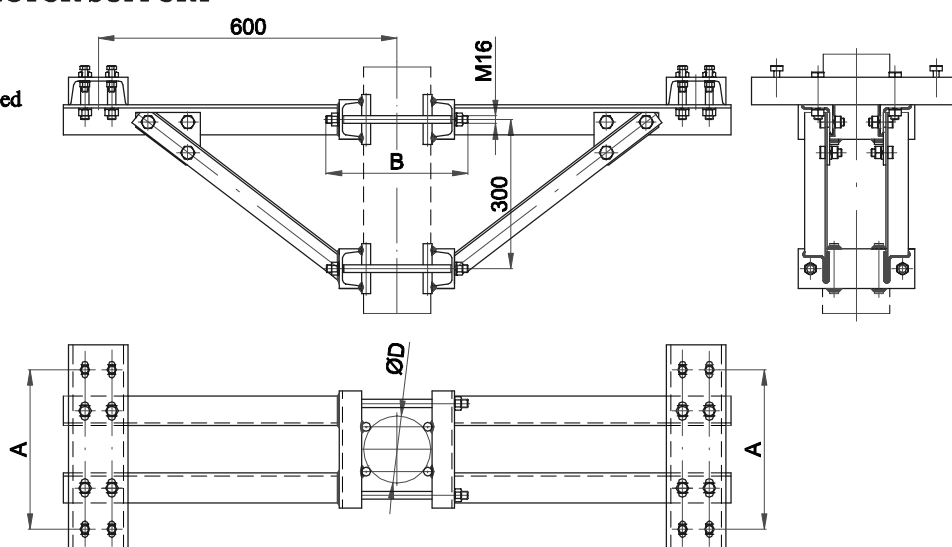
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



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

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

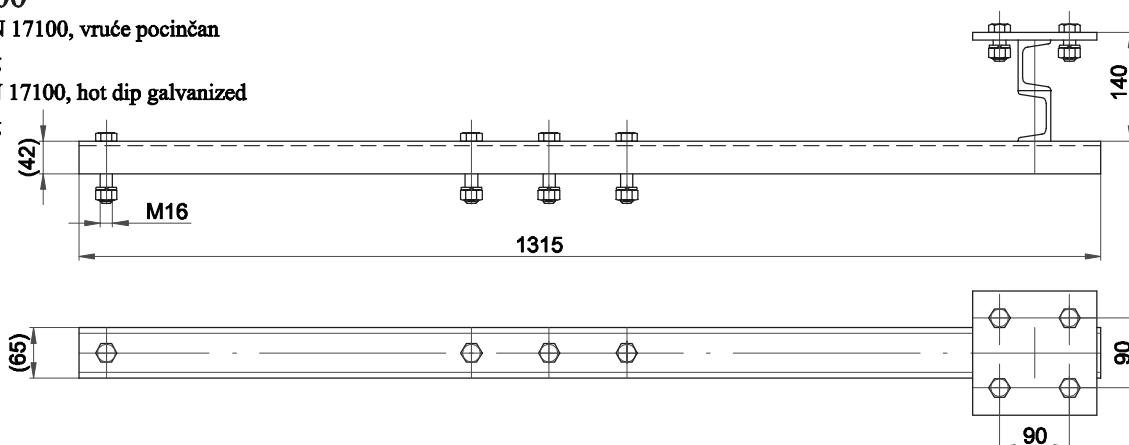
64.ER.09.100

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

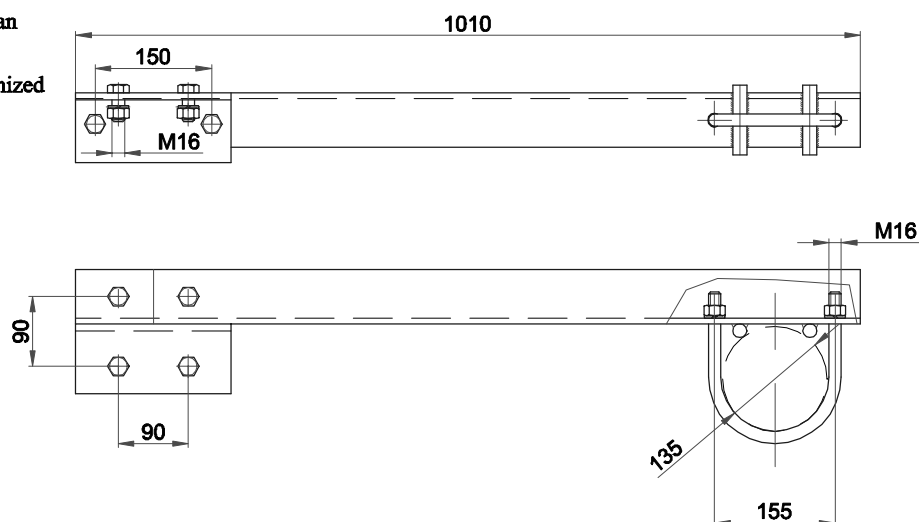
64.179.200

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

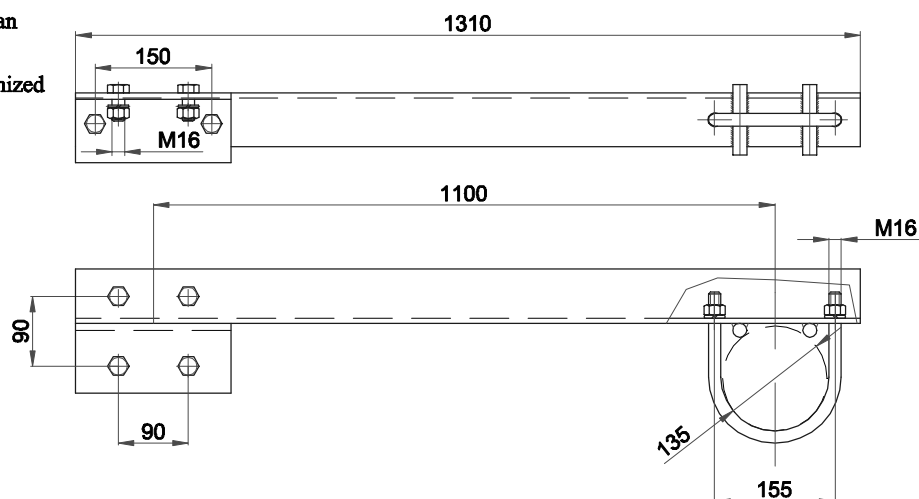
64.179.300

Materijal: čelik DIN 17100, vruće pocinčan

Masa: 15,10 kg

Material : steel DIN 17100, hot dip galvanized

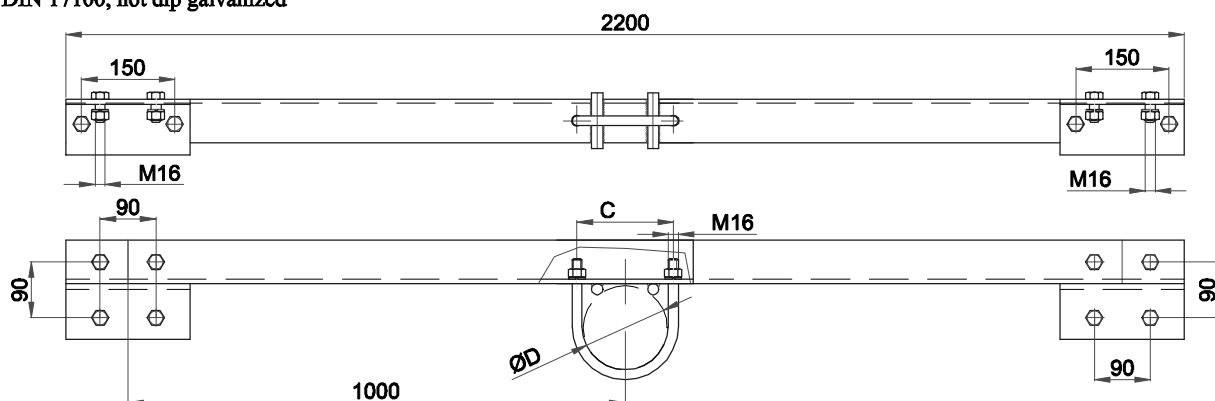
Mass: 15,10 kg



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

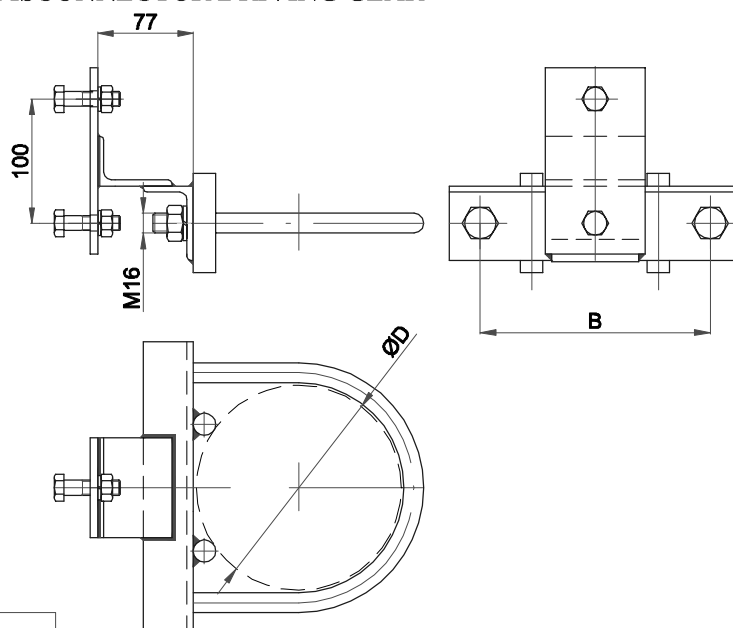


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD	C	
		[mm]		[kg]
64.179.400	ER12	135	155	23,00
64.179.500		160	180	23,10

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

Materijal: čelik DIN 17100, vruće pocinčan

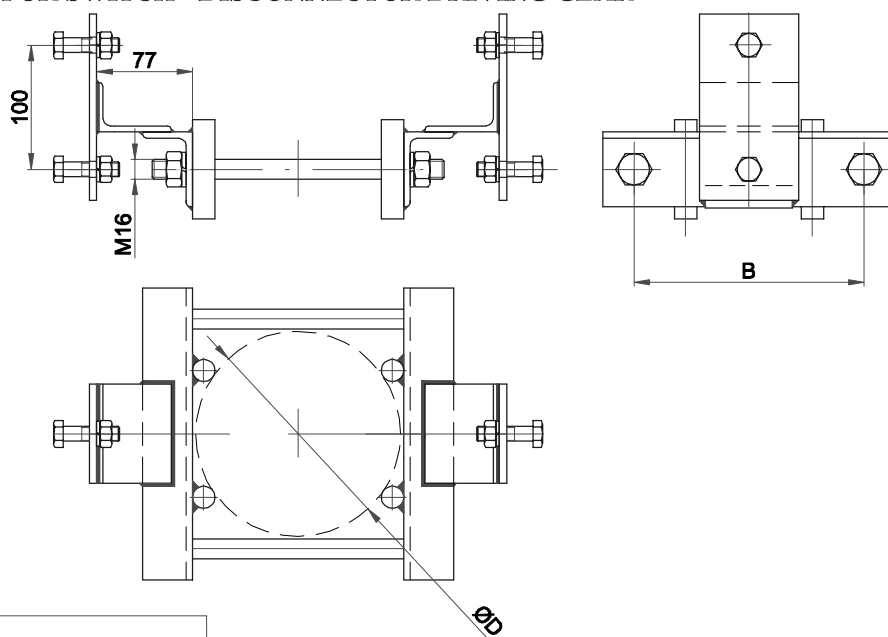
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD	B	
		[mm]		[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

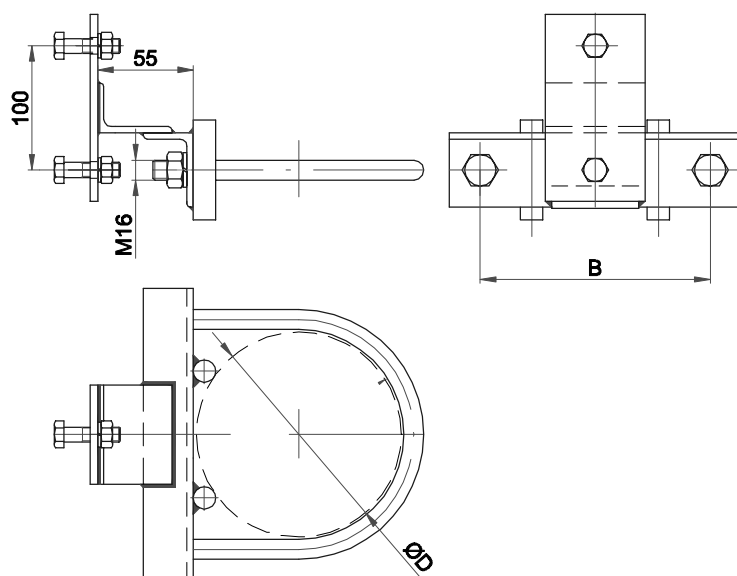
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD	B	
		[mm]		[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

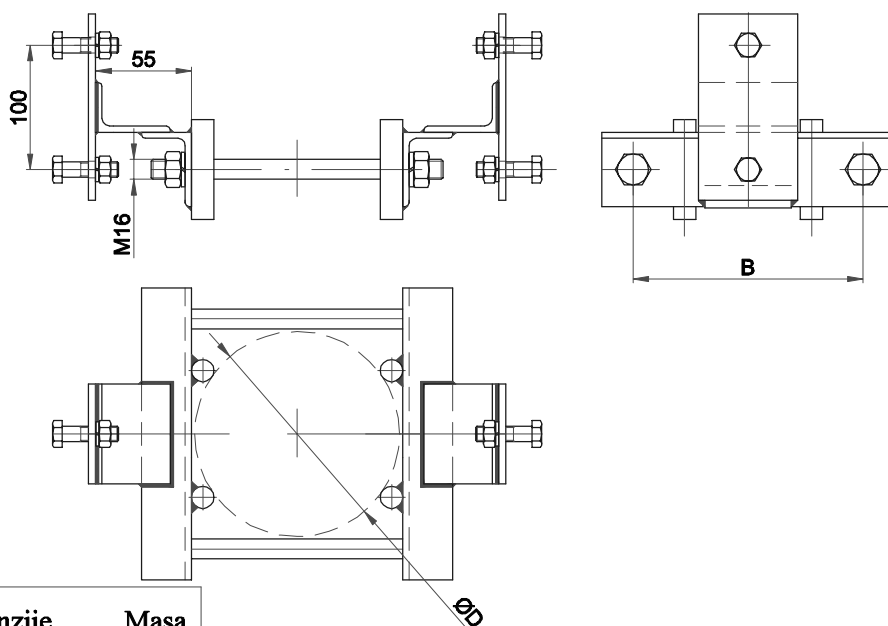
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD	B	
		[mm]		[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

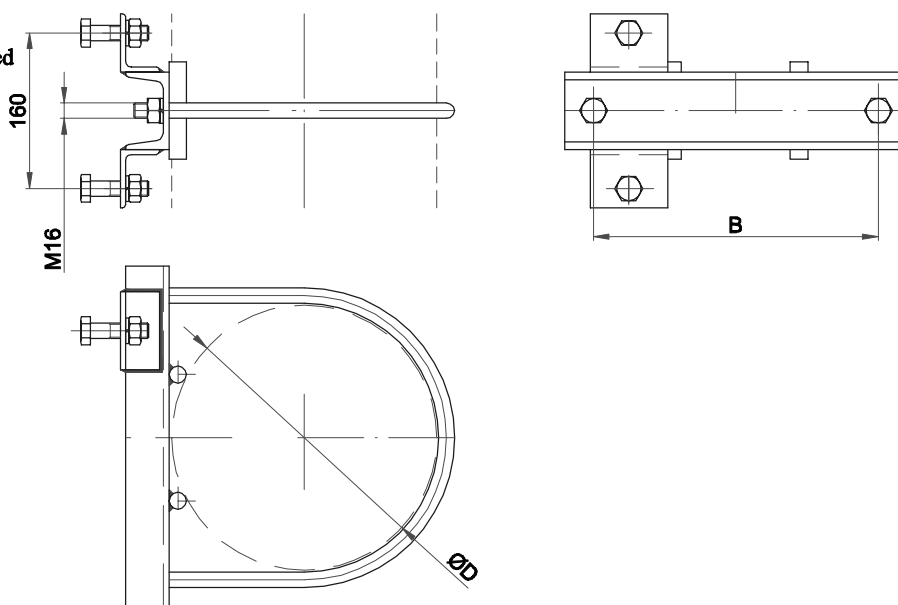
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD	B	
		[mm]		[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

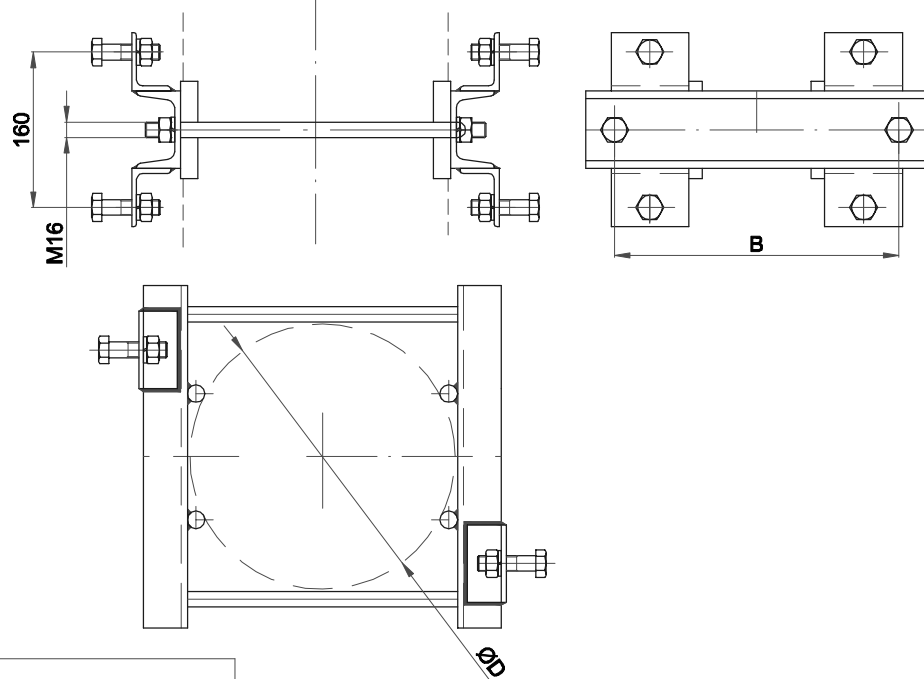
Materijal: čelik DIN 17100, vruće pocinčan
Material : steel DIN 17100, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD	B	
		[mm]		[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

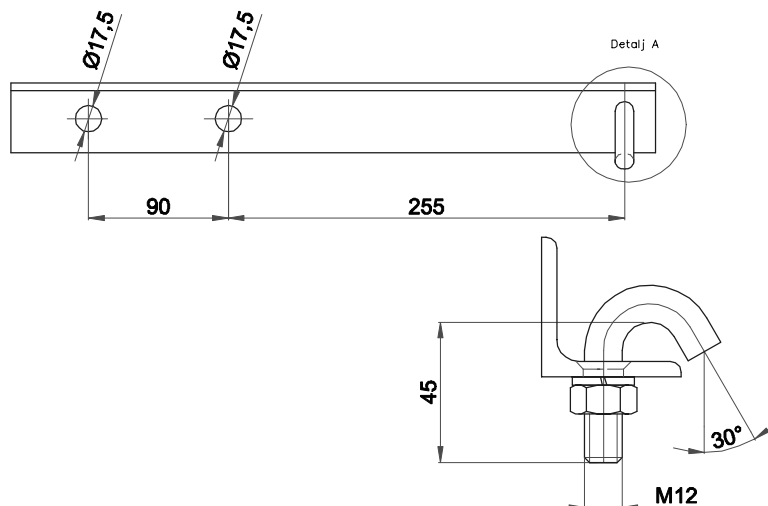
64.ER.39.100

Materijal: čelik DIN 17100, vruće pocinčan

Masa: 1,53 kg

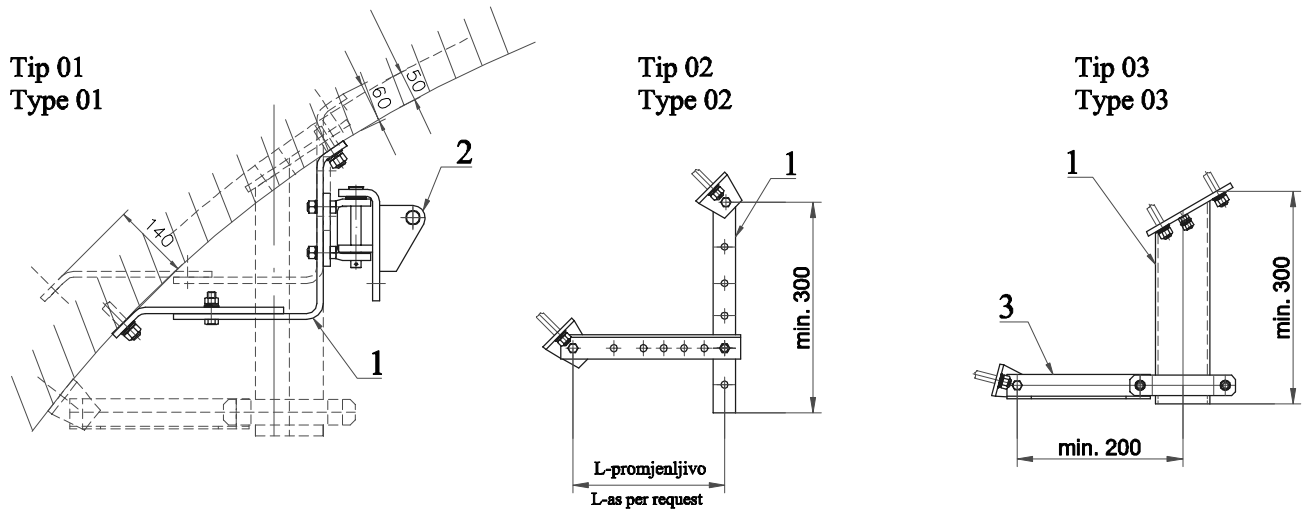
Material : steel DIN 17100, hot dip galvanized

Mass: 1,53 kg



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

64.001.541



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 pričvršnik za pločasti nosač Joint fastener for plate support
3	Potporna cijevnog nosača Tubular support

PLOČASTI NOSAČ TIP 01 PLATE SUPPORT

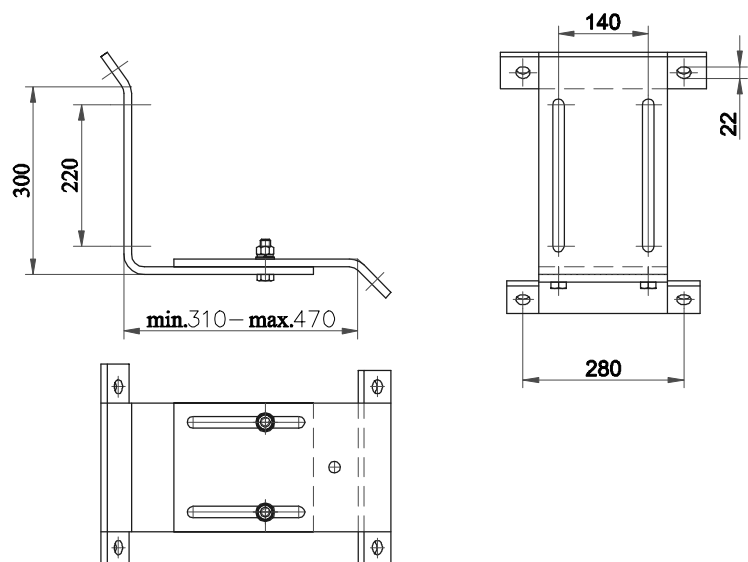
64.164.300

Materijal: čelik DIN 17100, vruće pocinčan

Masa: 13,00 kg

Material : steel DIN 17100, hot dip galvanized

Mass: 13,00 kg

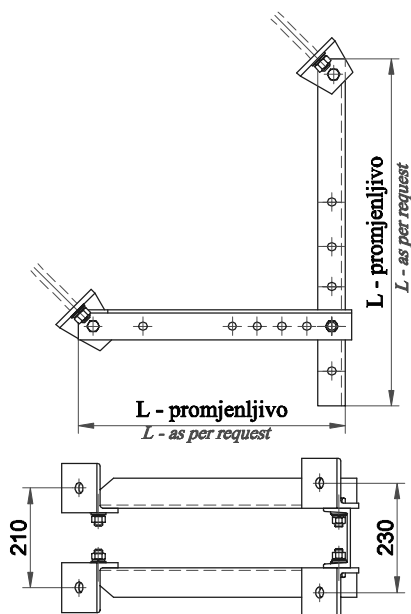


PROFILNI NOSAČ U12 S POTPOROM TIP 02 PROFILE SUPPORT

64.164.200

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

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

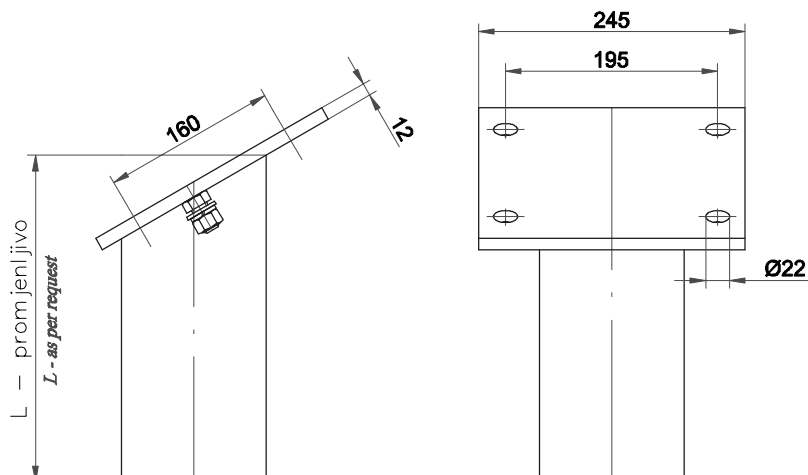


CIJEVNI NOSAČ TIP 03 TUBULAR SUPPORT

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

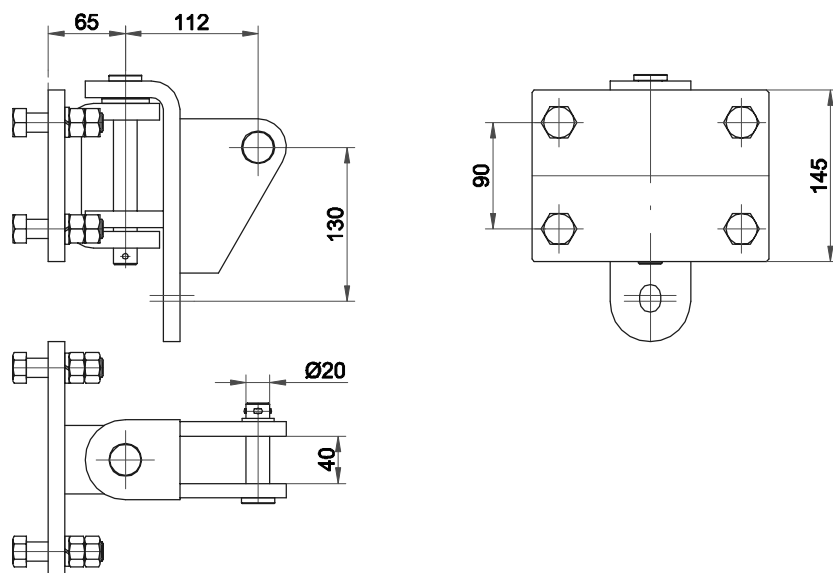


ZGLOBNI PRIČVRŠNIK ZA PLOČASTI NOSAČ TIP 01 JOINT FASTENER FOR PLATE SUPPORT

64.165.100

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

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



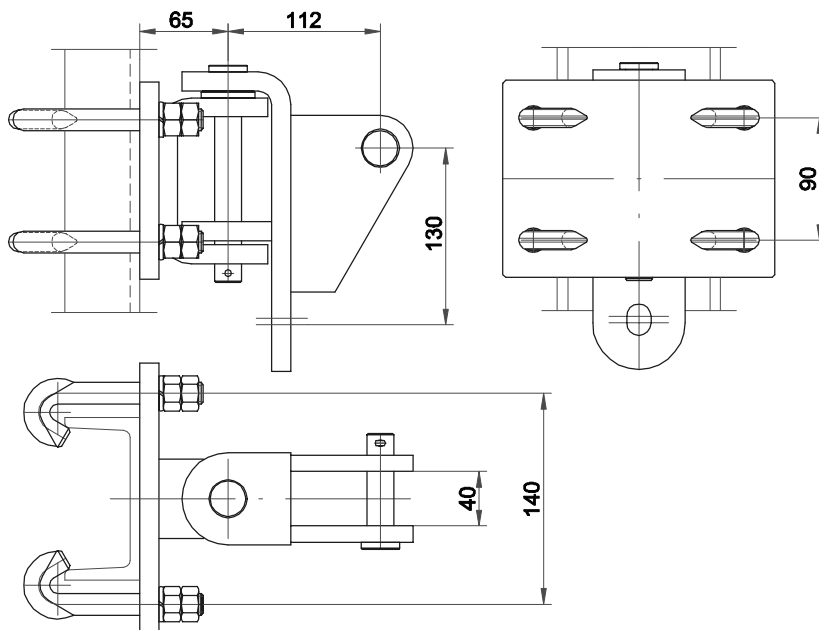
ZGLOBNI PRIČVRSNIK ZA PROFILNI NOSAČ U12 S POTPOROM TIP 02

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



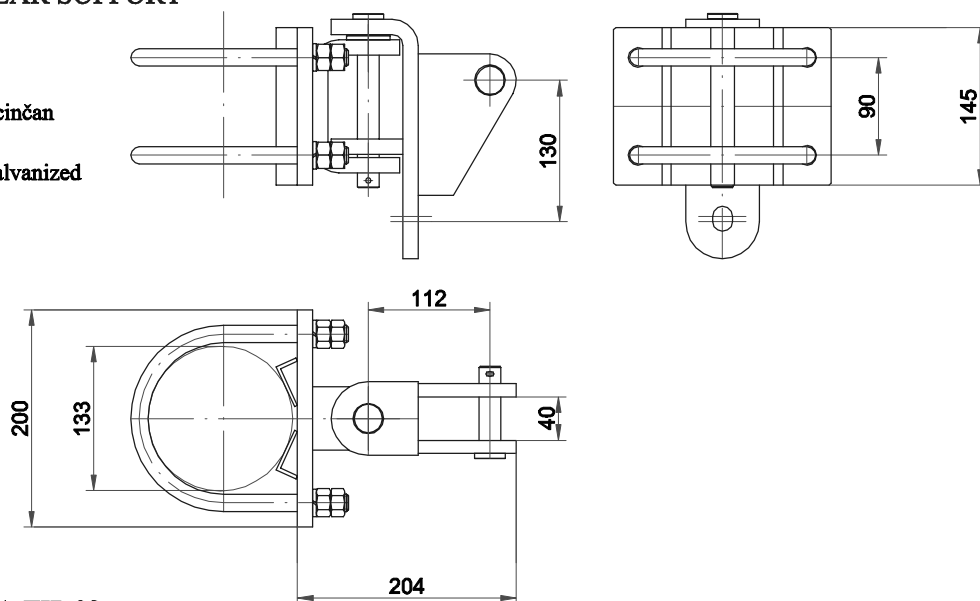
ZGLOBNI PRIČVRSNIK ZA CIJEVNI NOSAČ TIP 03

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



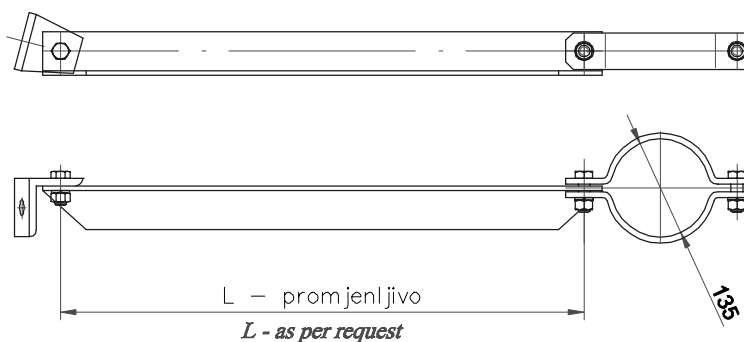
POTPORA CIJEVNOG NOSAČA TIP 03

STRUT OF TUBULAR SUPPORT

64.164.400

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

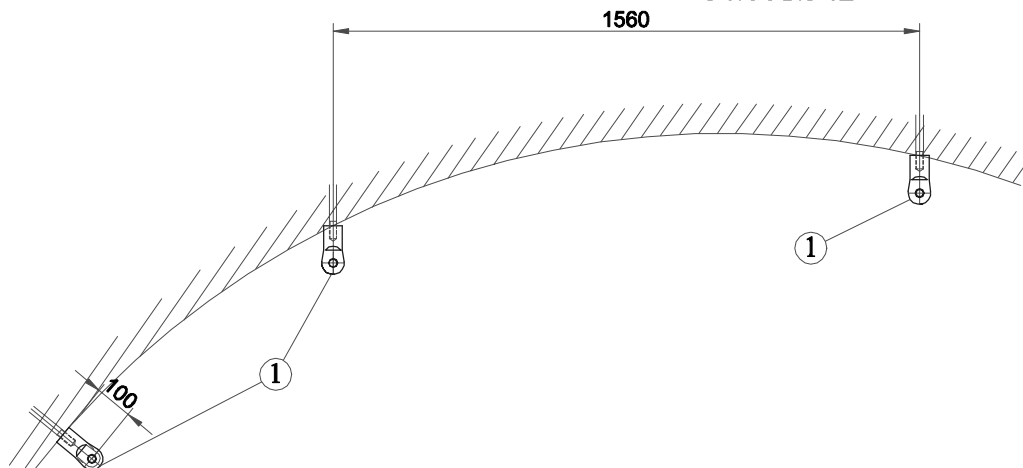
Material : steel DIN 17100, hot dip galvanized
Mass: 9,50 kg



PRIČVRŠČENJE TUNELSKÉ KONZOLE ZA VOZNI VOD S "Y" OPREMOM

"Y" TUNEL CANTILEVER ATTACHMENT

64.001.542



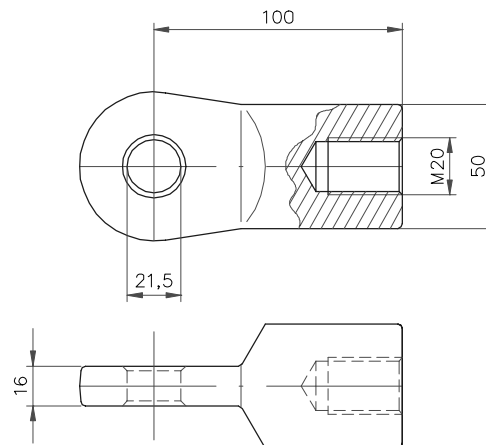
Poz. Item	Naziv sklopa Description
1	Držač s prstenom Support with tonque

DRŽAČ S PRSTENOM SUPPORT WITH TONQUE

64.165.200B

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

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

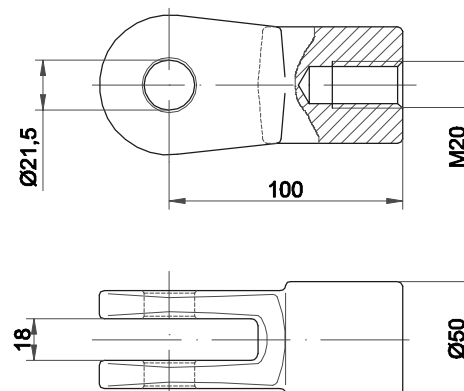


DRŽAČ S VILICOM SUPPORT WITH CLEVIS

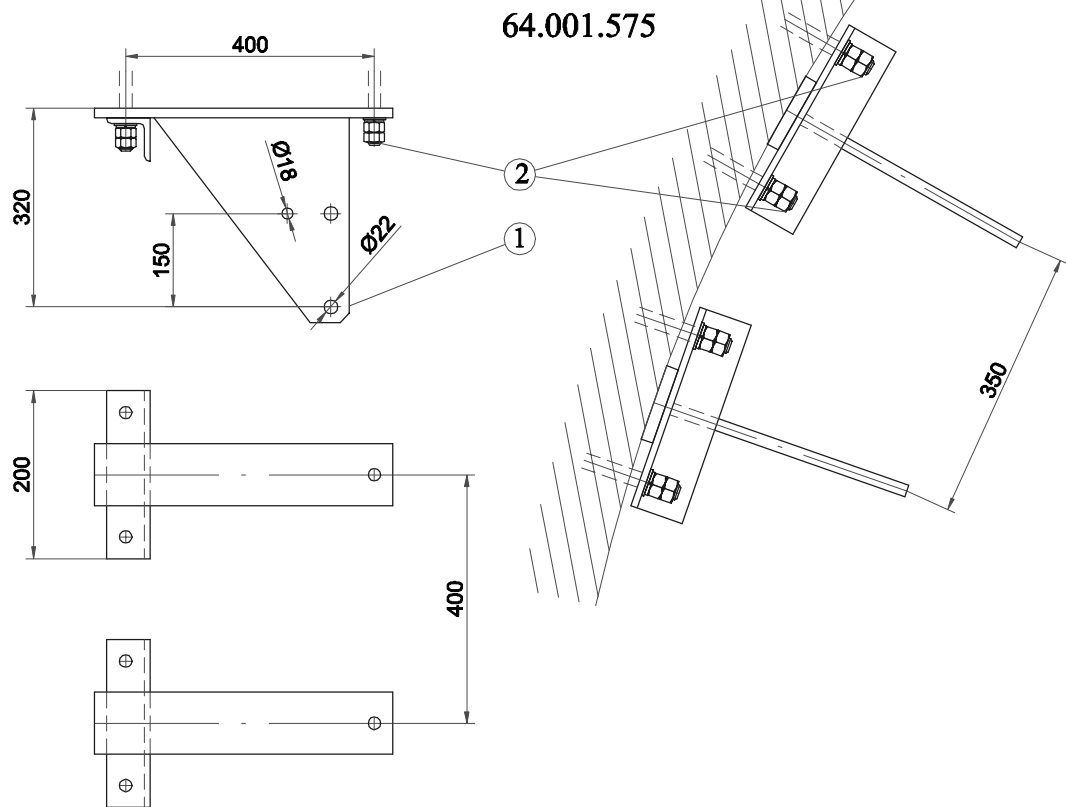
65.165.200B

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

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



PRIČVRŠĆENJE ČVRSTOG ZATEZANJA VODIČA U TUNELU TUNEL FIXED TERMINATION ATTACHMENT



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

PRIČVRŠNIK ČVRSTOG ZATEZANJA U TUNELU FIXED TERMINATION ATTACHMENT IN TUNEL

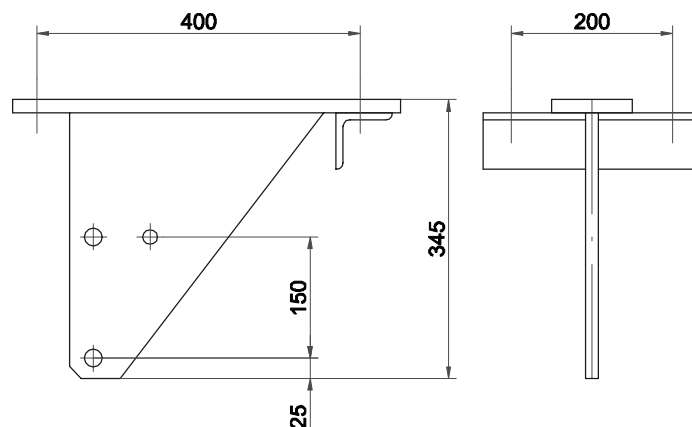
64.165.700

Materijal: čelik DIN 17100, vruće pocinčano

Masa: 14,95 kg

Material : steel DIN 17100, hot dip galvanized

Mass: 14,95 kg

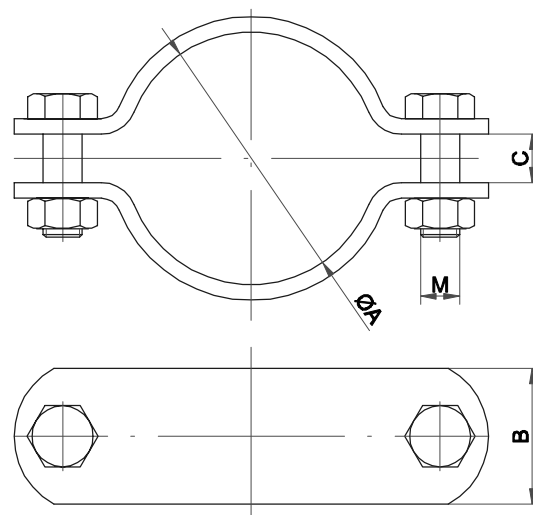


OBUJMICA ZA CIJEVNI STUP **PIPE CLIP FOR TUBULAR POLE**

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Dimenzije Dimensions				Masa Mass [kg]
	ØA	B [mm]	C	M	
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

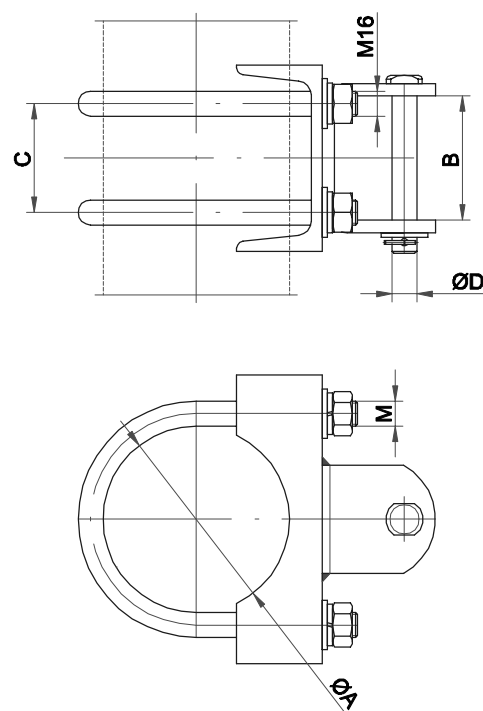


PRIČVRŠNIK KOSNIKA Ø76 ZA CIJEVNI STUP **BRACKET FASTENER Ø76 FOR TUBULAR POLE**

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Dimenzije Dimensions					Masa Mass [kg]
	ØA	B	C	M	ØD	
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



PRIČVRŠNIK POTPORNOG IZOLATORA **INSULATOR SUPPORTS FASTENER**

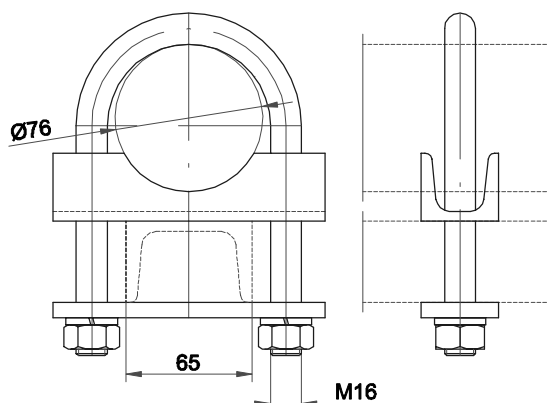
65.110.200

Materijal: čelik DIN 17100, vruće pocinčan

Masa: 1,70 kg

Material : steel DIN 17100, hot dip galvanized

Mass: 1,70 kg



PRIČVRŠNIK ZATEGE STAY ROD FASTENER

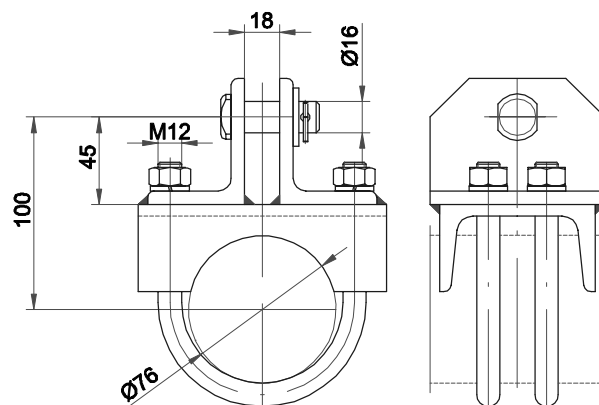
65.110.300

Materijal: čelik DIN 17100, vruće pocinčan

Masa: 2,50 kg

Material: steel DIN 17100, hot dip galvanized

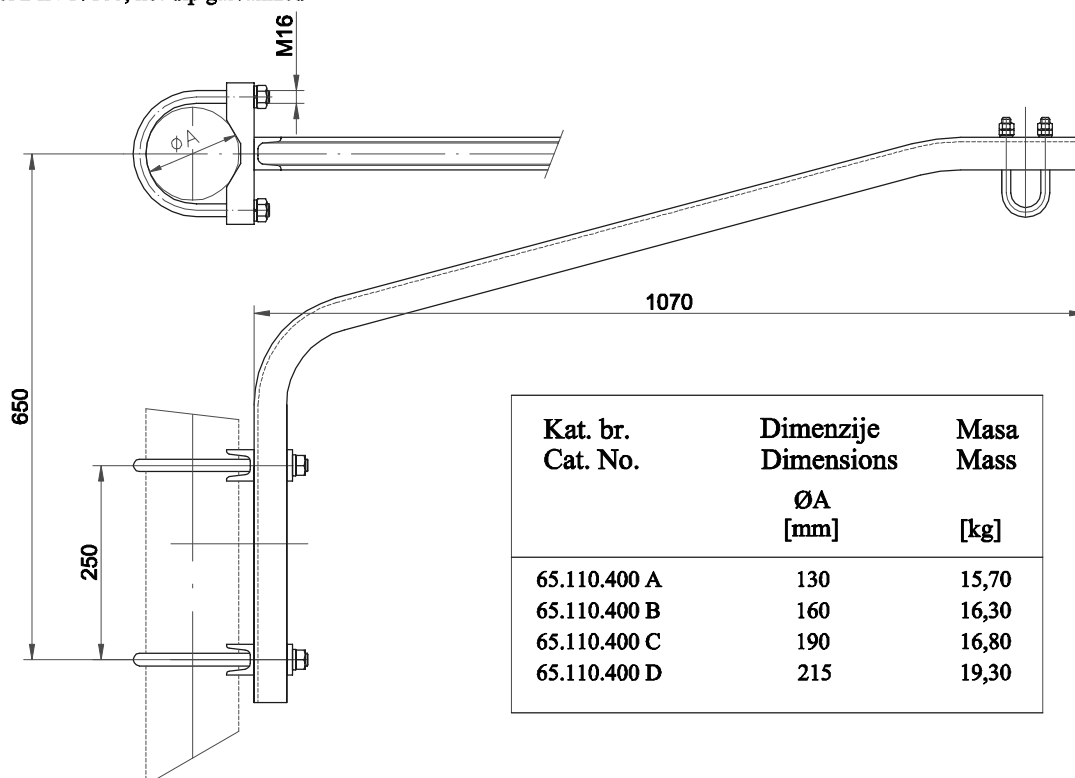
Mass: 2,50 kg



NOSAČ GROMOBRANSKE ZAŠTITE LIGHTNING CONDUCTOR SUPPORT

Materijal: čelik DIN 17100, vruće pocinčan

Material: steel DIN 17100, hot dip galvanized



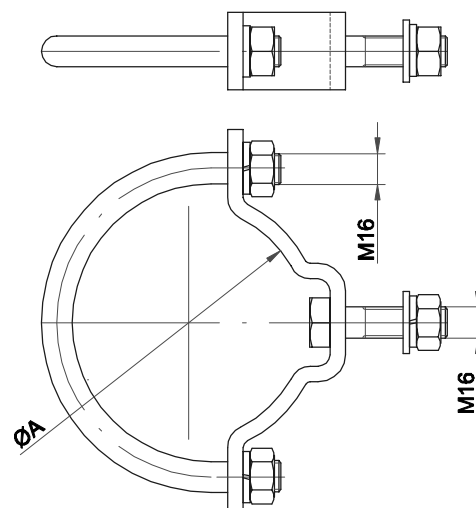
Kat. br. Cat. No.	Dimenzije Dimensions	Masa Mass
	ØA [mm]	[kg]
65.110.400 A	130	15,70
65.110.400 B	160	16,30
65.110.400 C	190	16,80
65.110.400 D	215	19,30

NOSAČ STEZALJKE ZAŠTITNOG UŽETA SUPPORT OF EARTHING WIRE CLAMP

Materijal: čelik DIN 17100, vruće pocinčan

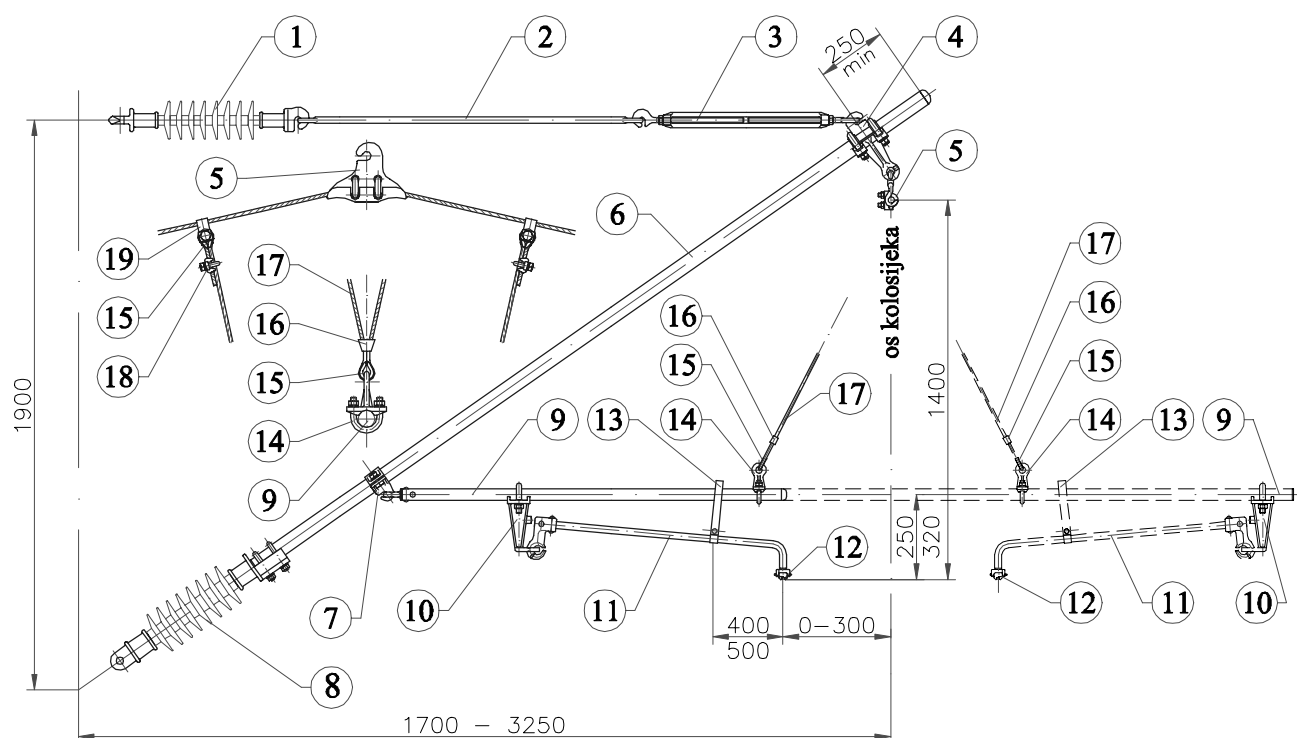
Material: steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Dimenzije Dimensions	Masa Mass
	ØA [mm]	[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



KONZOLA ZA MALA OPTEREĆENJA CANTILEVER ASSEMBLY FOR LIGHT LOADS

64.002.001



Tip 01 / Tip 03
Type 01 / Type 03

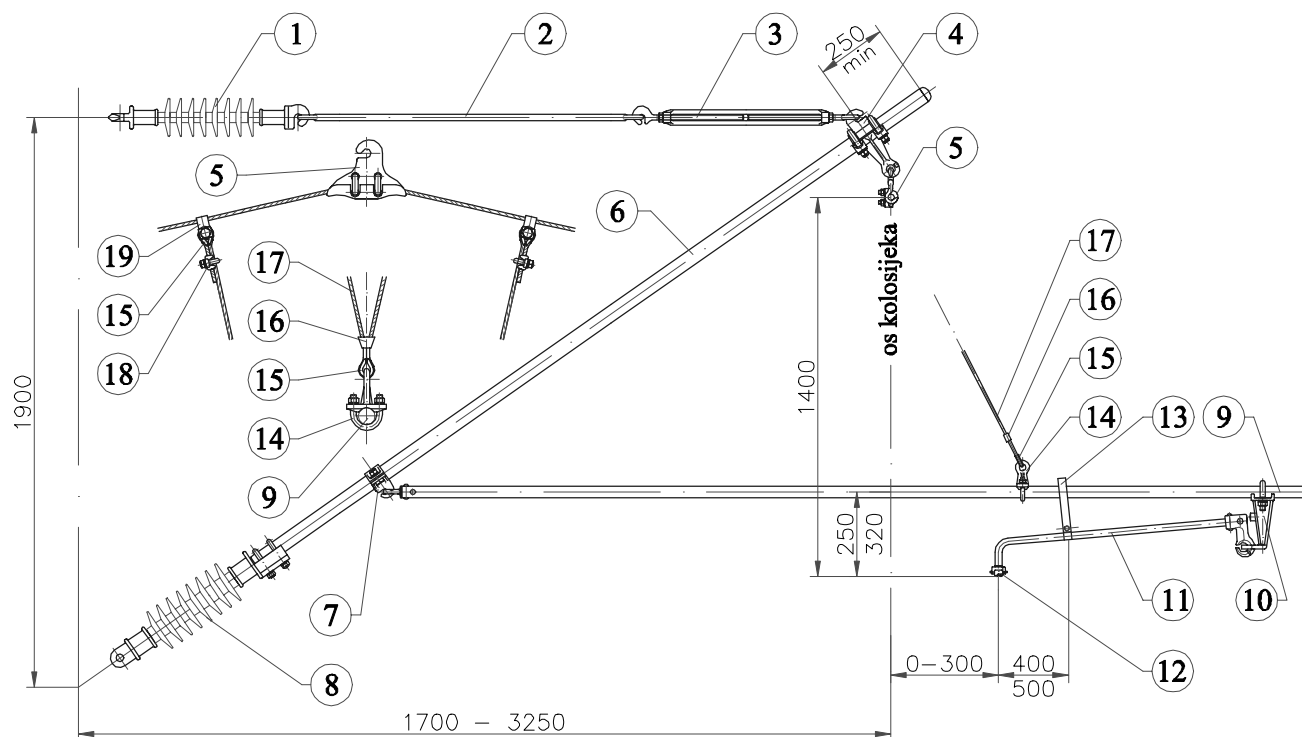
Tip 02
Type 02

Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01/02	03		
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 konzole Ø41 / Strut tube Ø41	64.200.600
7	1	1	Stezaljka za nosač 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	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
10	1	1	Držač 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" vješaljke Ø30 / "V" dropper eye clamps for tube Ø30	64.201.400
15	3	3	Uška alke za užu / 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 užad Ø5-7 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

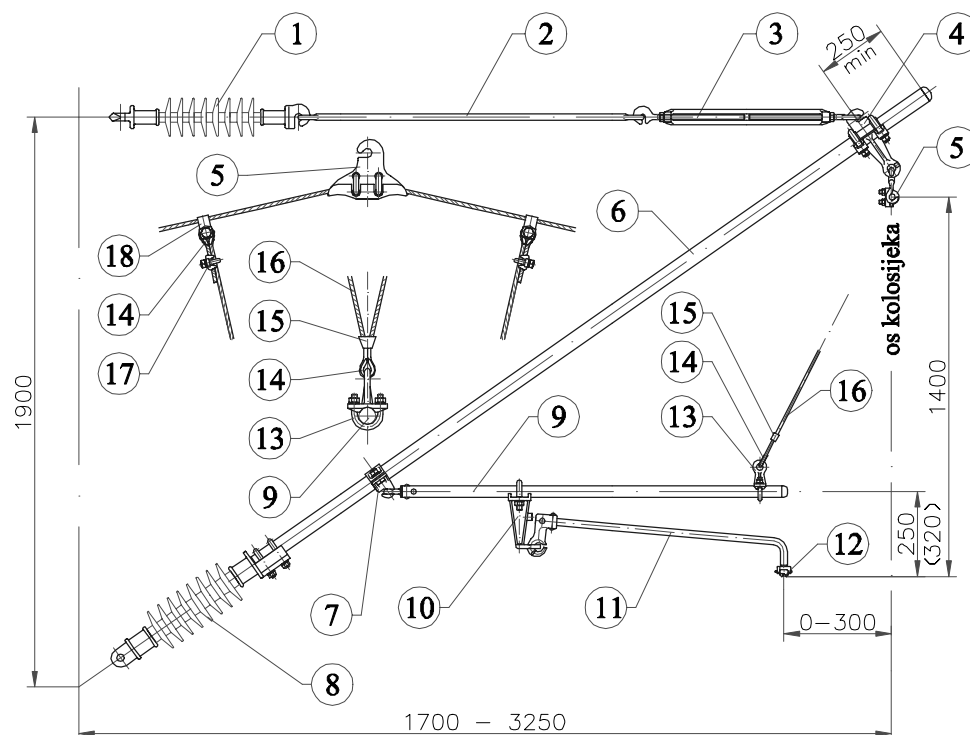
64.002.002



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 nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
8	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	Nosač poligonatora Ø41 / Register arm assembly Ø41	64.202.200
10	1	Držač poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
11	1	Poligonator / Steady arm rod	64.201.100
12	1	Stezaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
13	1	Alka protiv vjetra / Antiwind stirrup	64.201.300
14	1	Stezaljka "V" vješaljke 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

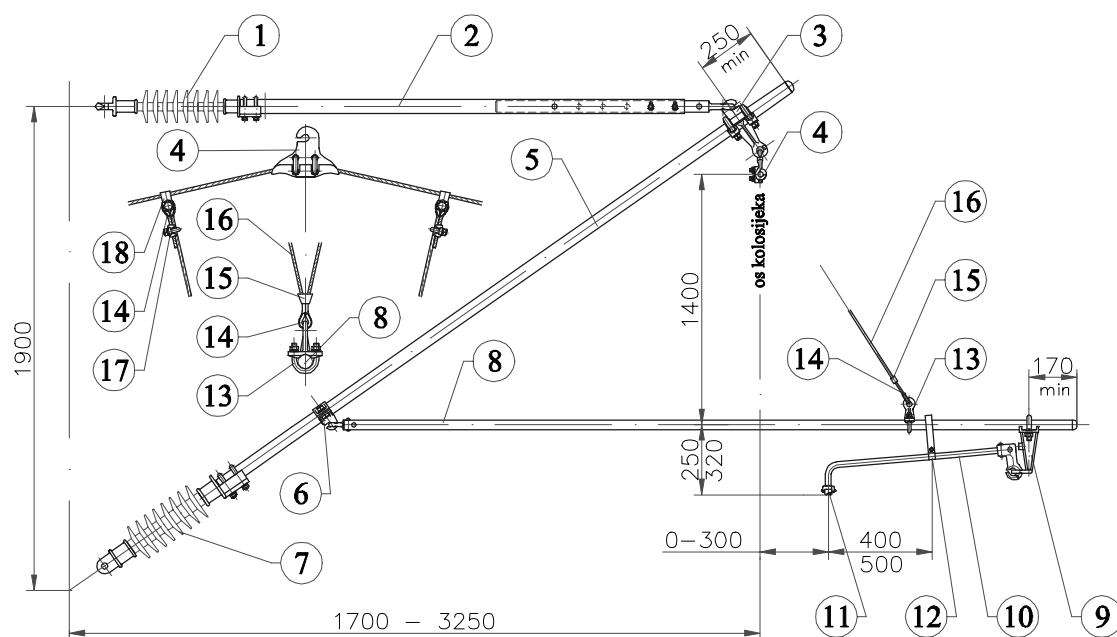


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
5	1	Stezaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
6	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
7	1	Stezaljka za nosač poligonatora Ø51 / Register arm clamp for tube Ø51	64.202.100
8	1	Izolator kosnika konzole / Strut insulator	64.200.800
9	1	Nosač poligonatora Ø30 / Register arm tube Ø30	64.200.900
10	1	Držač 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" vješaljke 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



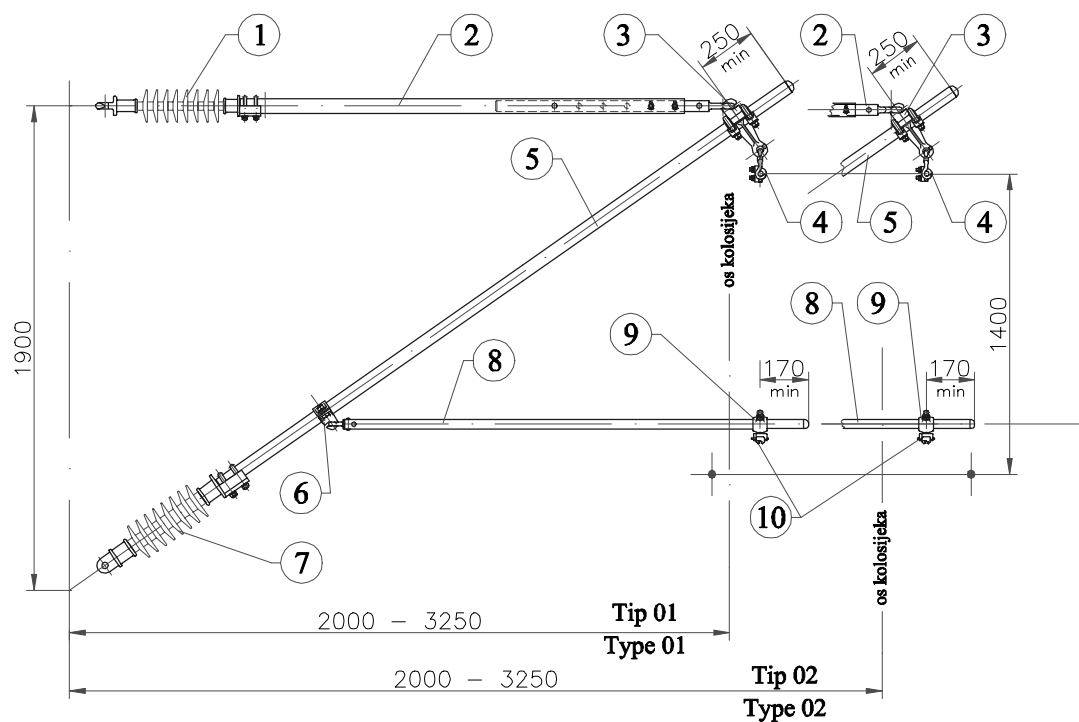
Tip 01 / Tip 02
Type 01 / Type 02

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 užje / 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" vješaljke Ø41 / "V" dropper eye clamps for tube Ø41	64.202.400
14	3	3	Uška alke za užje / 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

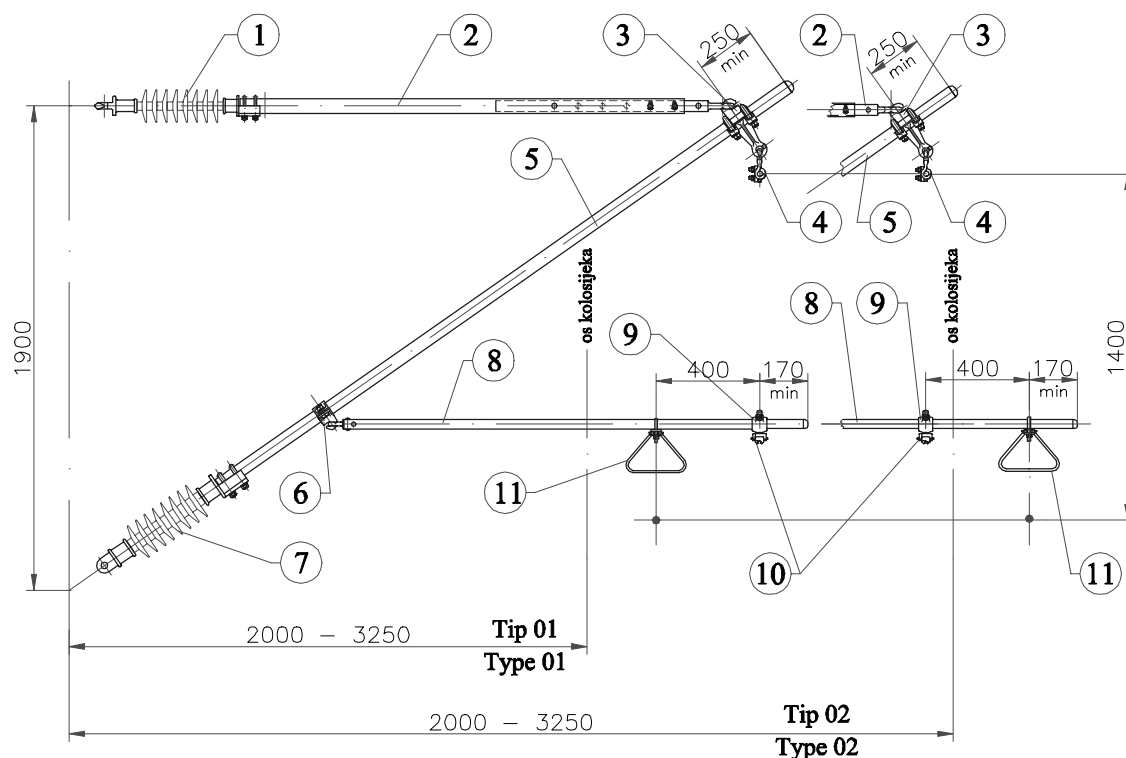


Poz Item	Kom/Pcs Tip/Type 01 02		Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo 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

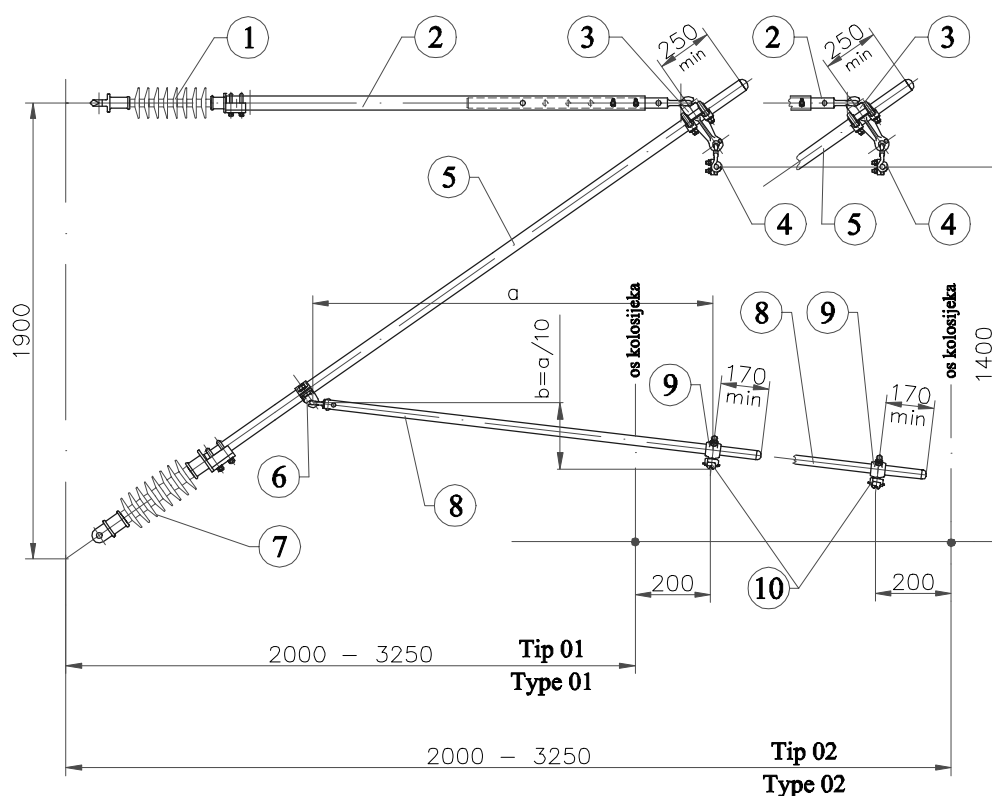


Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo 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

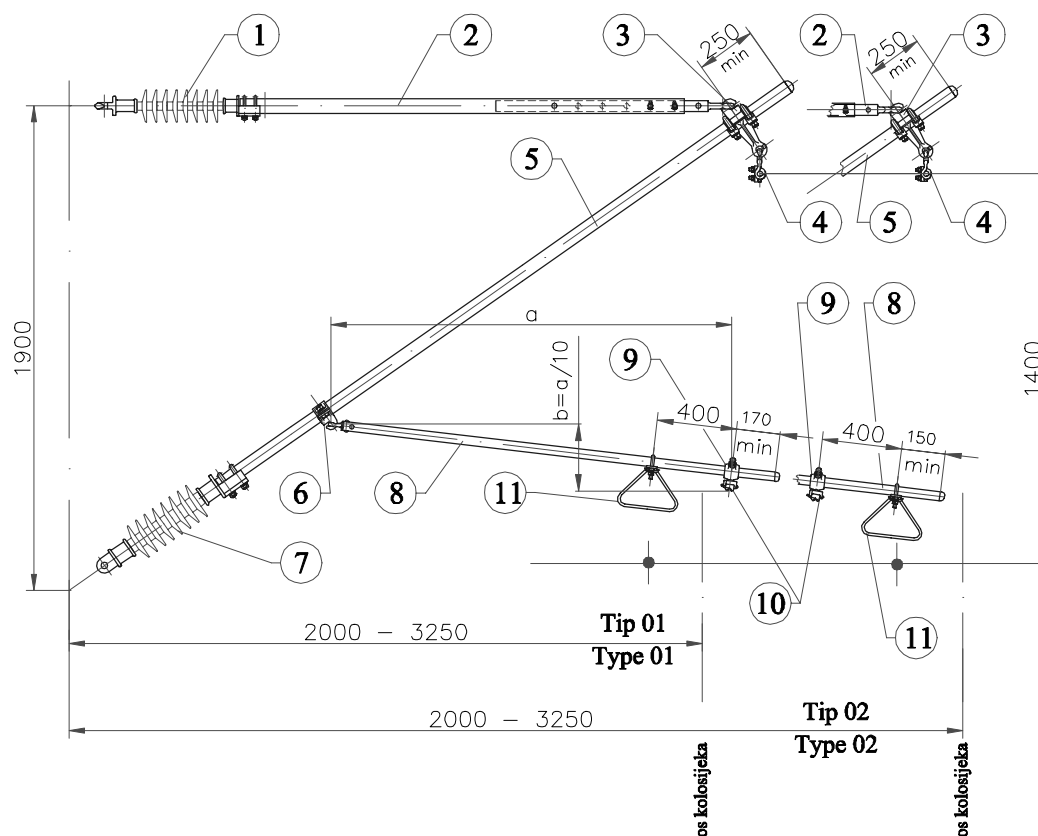


Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo užje / 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

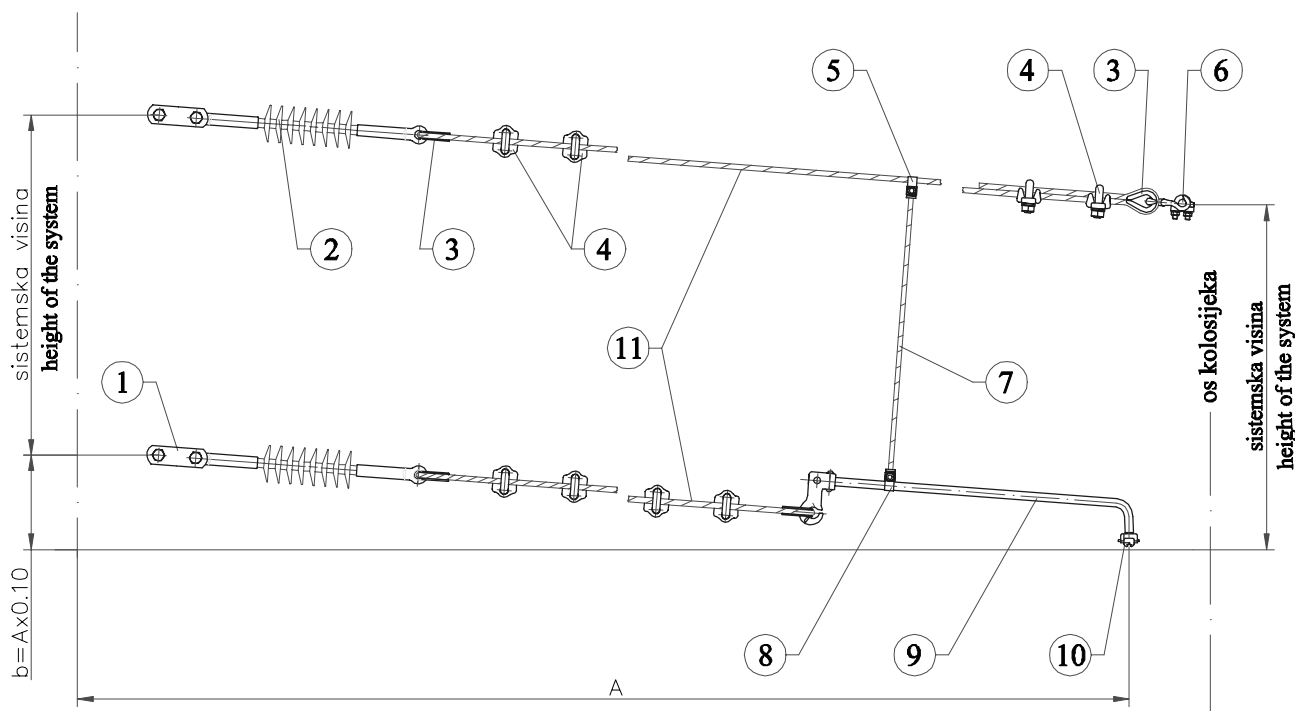


Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
1	1	1	Izolator potpore / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stezaljka s kukom za nosivo 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

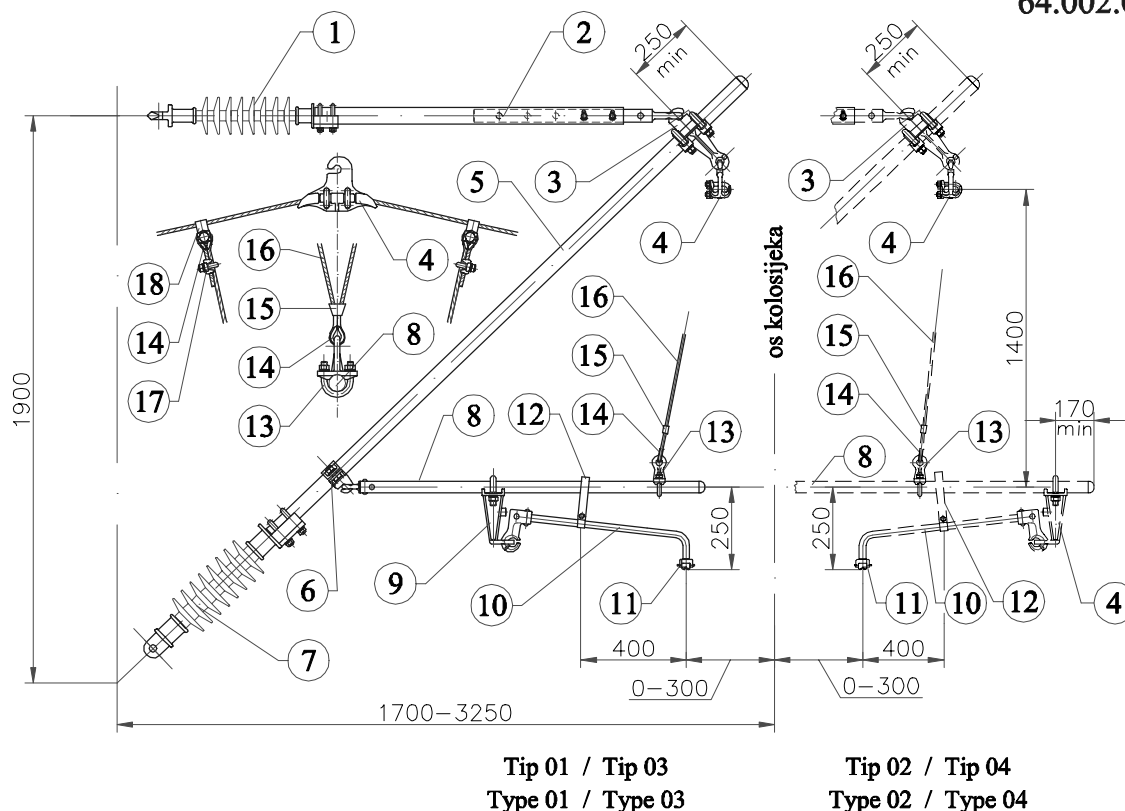


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Produžnik / Extension link	64.300.500
2	2	Izolator za umetanje u vodiče voznog voda / Contact line insulator	64.400.200
3	4	Uška alke za uže Ø10-10,5 / Thimble Ø10-10,5	64.300.200
4	8	Stezaljka s U-vijkom Ø10-12 / U-bolt clamp Ø10-12	64.300.100
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

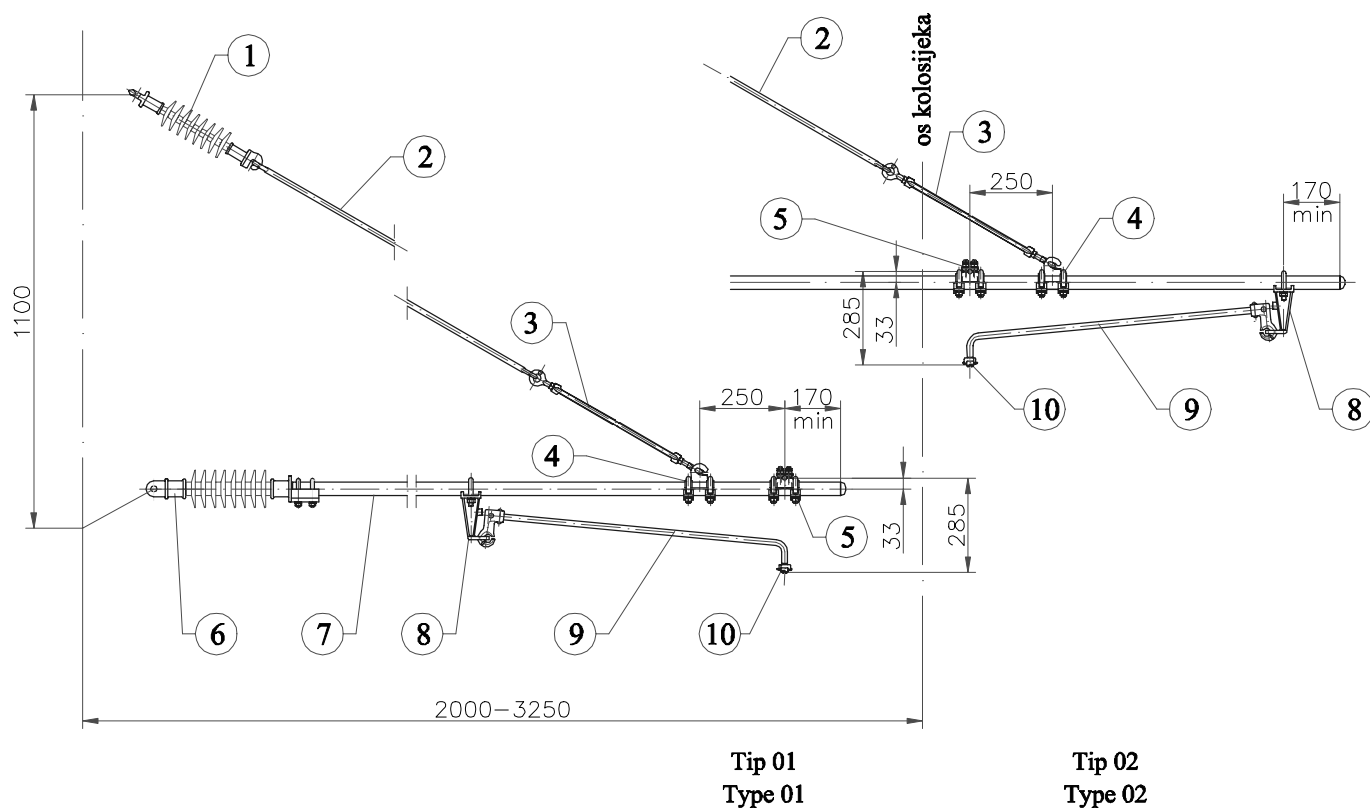
64.002.010



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 užu / 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

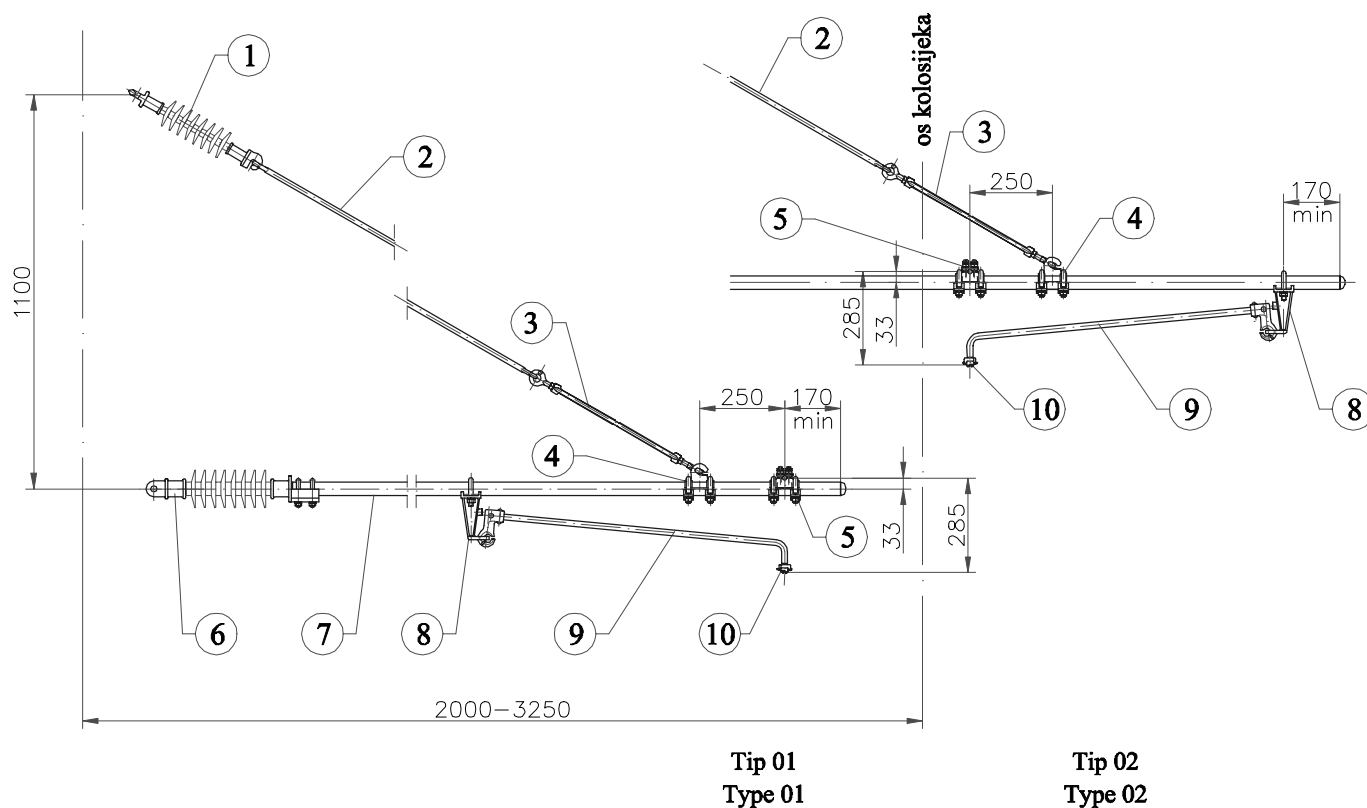
64.002.011



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	Stežaljka s kukom Ø41 / Hook clamp for tube Ø41	64.204.800
5	1	Stežaljka 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	Stežaljka 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

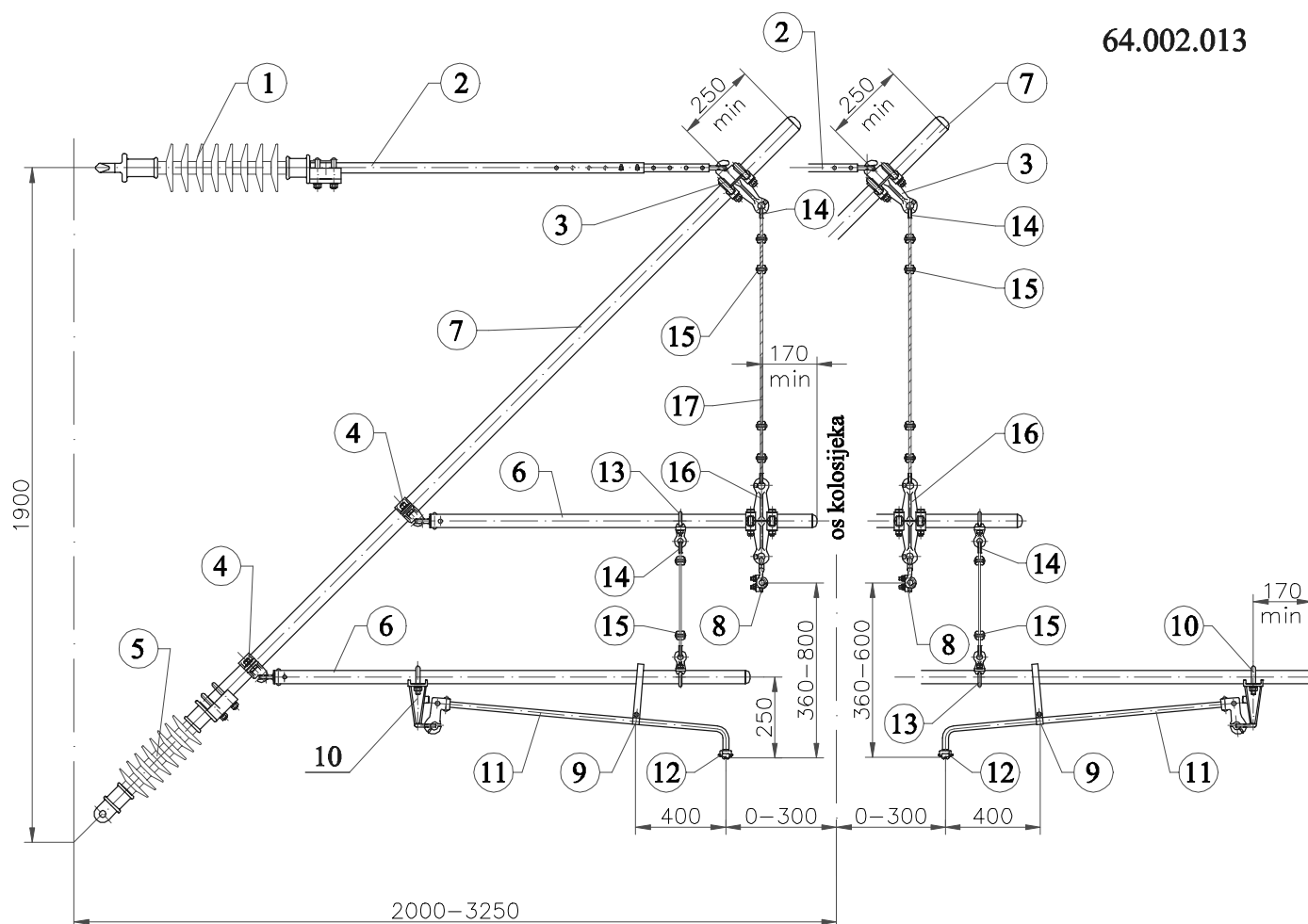


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.350
4	1	Stezaljka s kukom Ø51 / Hook clamp for tube Ø51	64.205.000
5	1	Stezaljka nosivog užeta na kosniku / 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	Držać 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

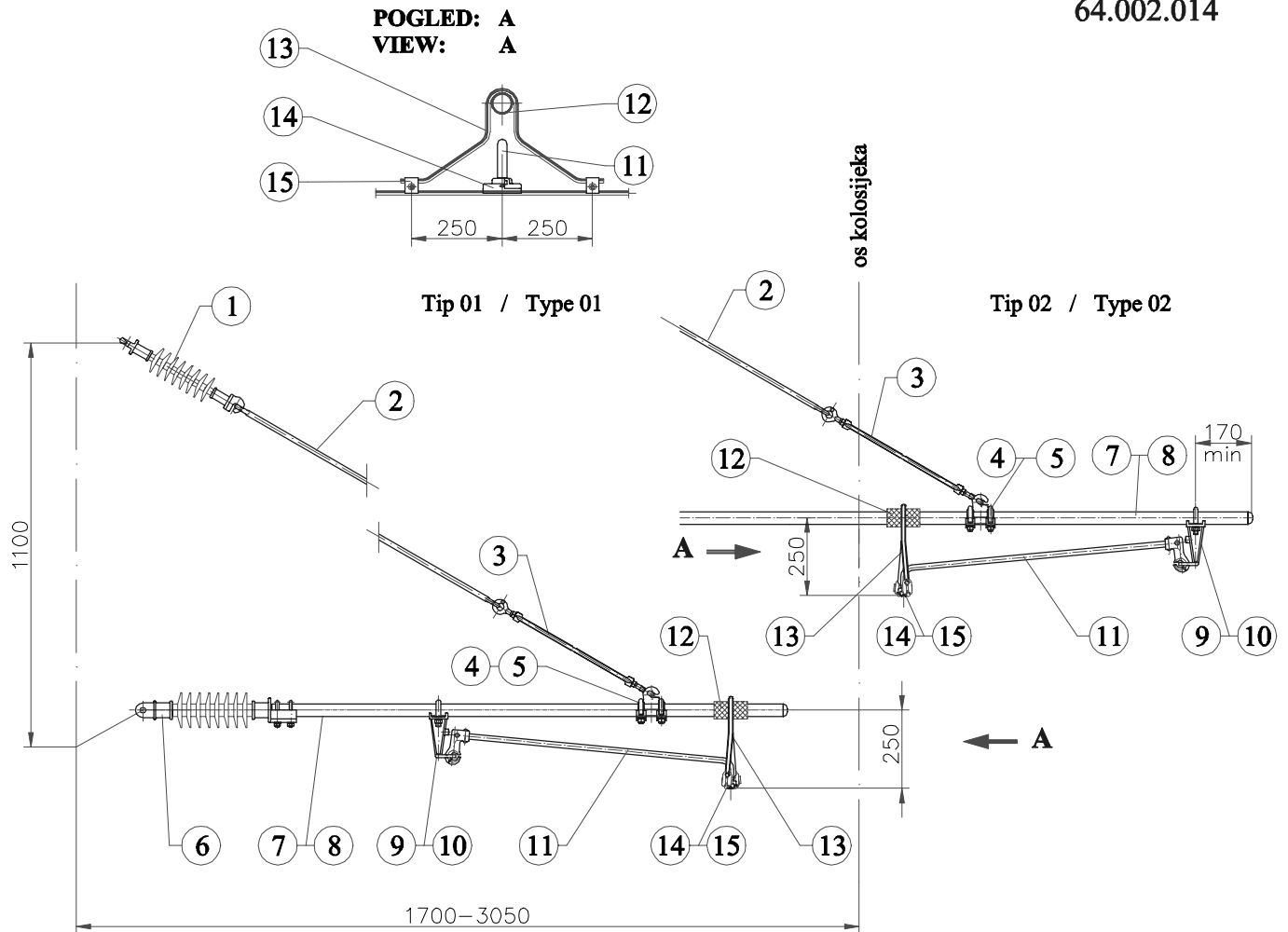


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.202.500
2	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	Stezaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	2	Stezaljka za nosač poligonatora Ø51 / Register arm 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 užje / 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 užje / 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 CONTACT WIRE

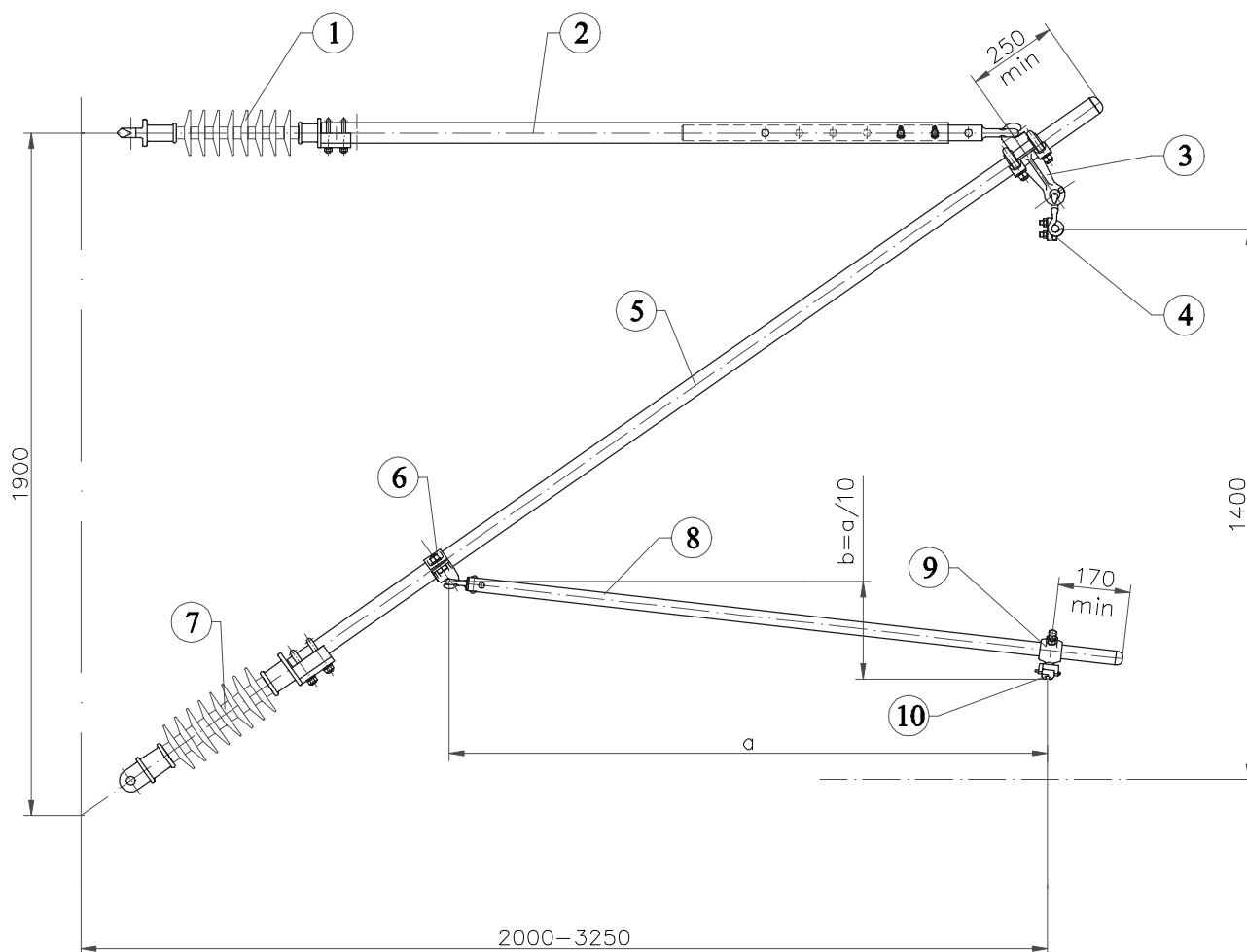
64.002.014



Poz Item	Kom/Pcs Tip/Type			Naziv sklopa Description	Kat.br. Cat.No.
	01	02	03		
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	Stežaljka s kukom za cijev Ø51 / Hook clamp for tube Ø51	64.205.000
5	0	0	1	Stežaljka 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	Stežaljka dvostrukog kontaktnog vodiča za poligonator / Specijal dropper	64.205.600
15	2	2	2	Stežaljka 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

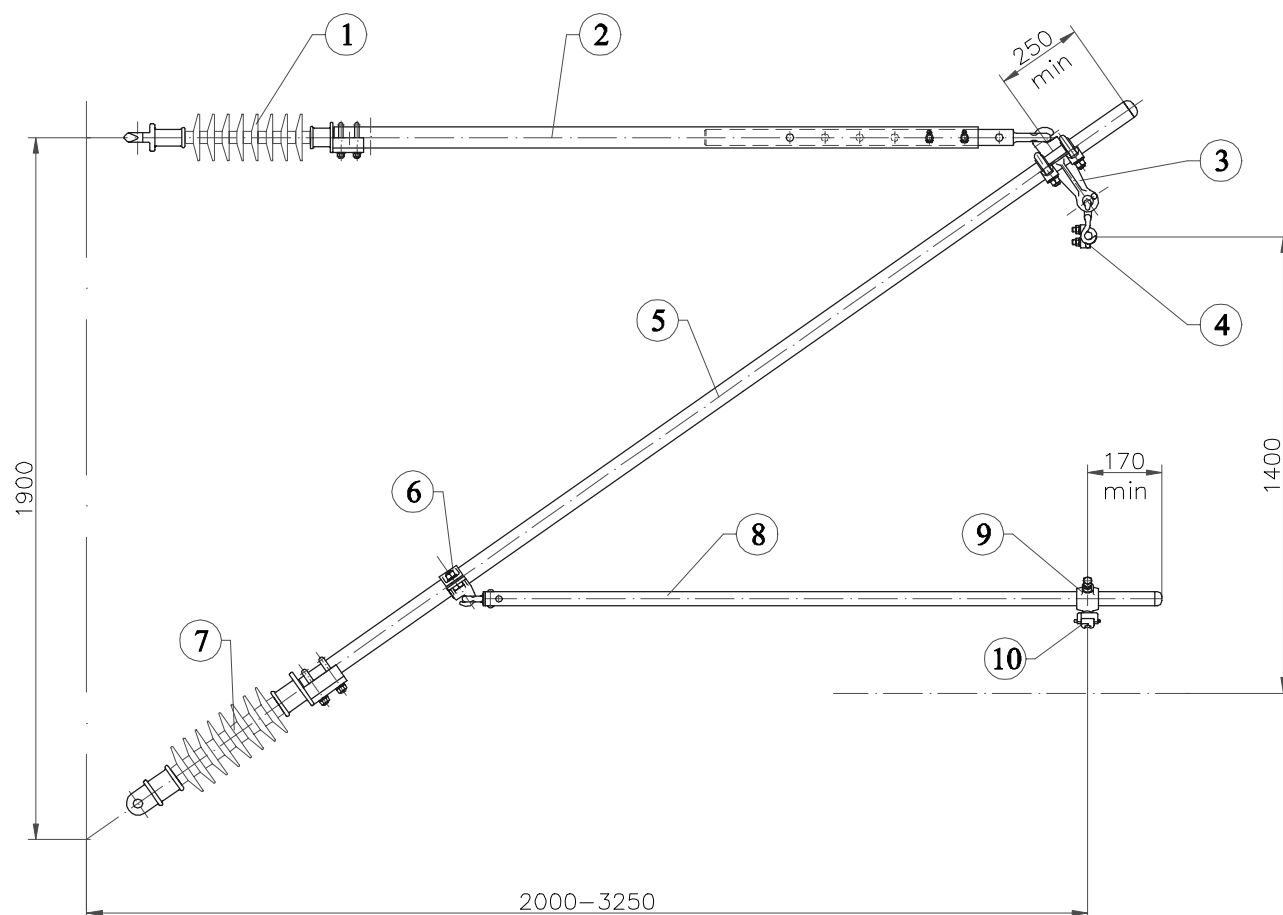
64.002.015



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**

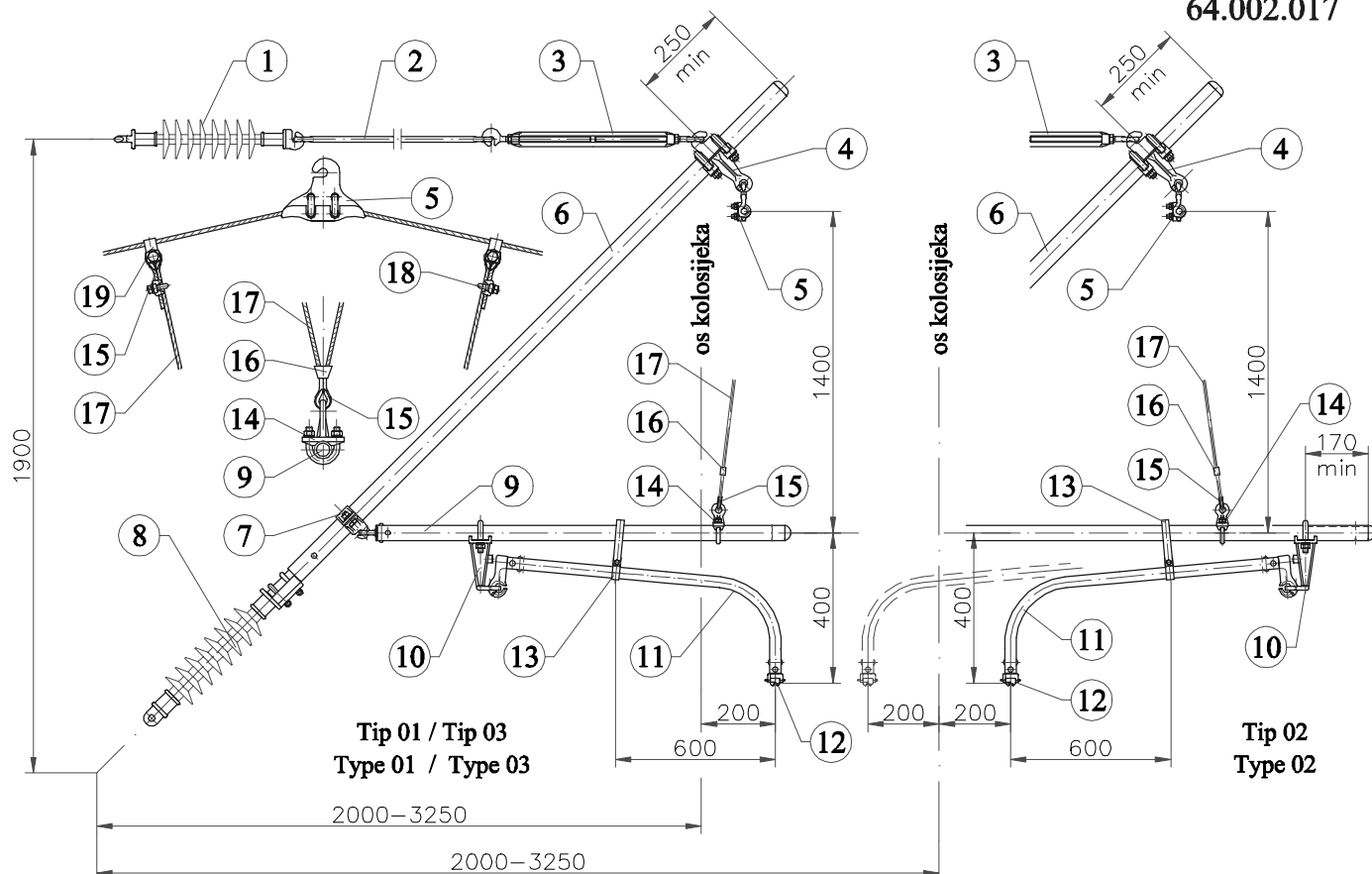
64.002.016



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**

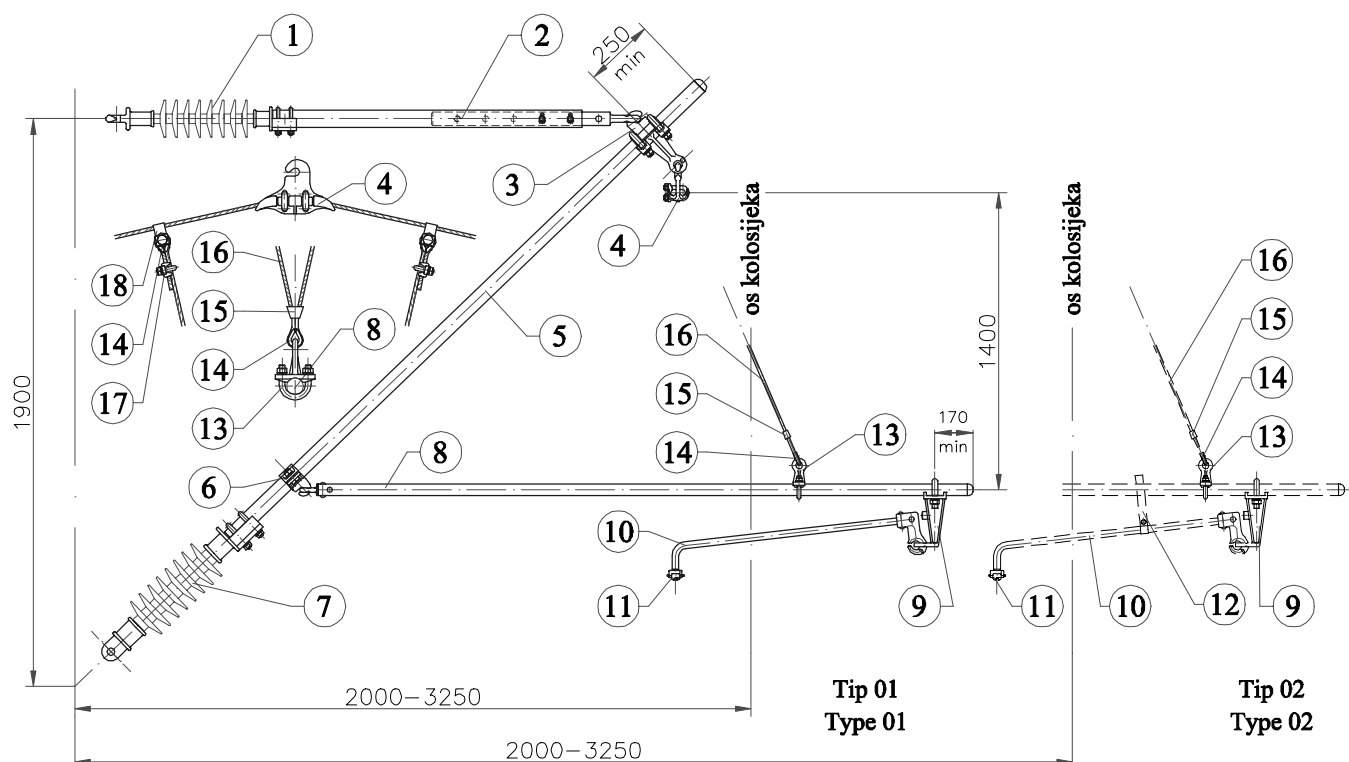
64.002.017



Poz Item	Kom/Pcs Tip/Type			Naziv sklopa Description	Kat.br. Cat.No.
	01	02	03		
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" vješaljke 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

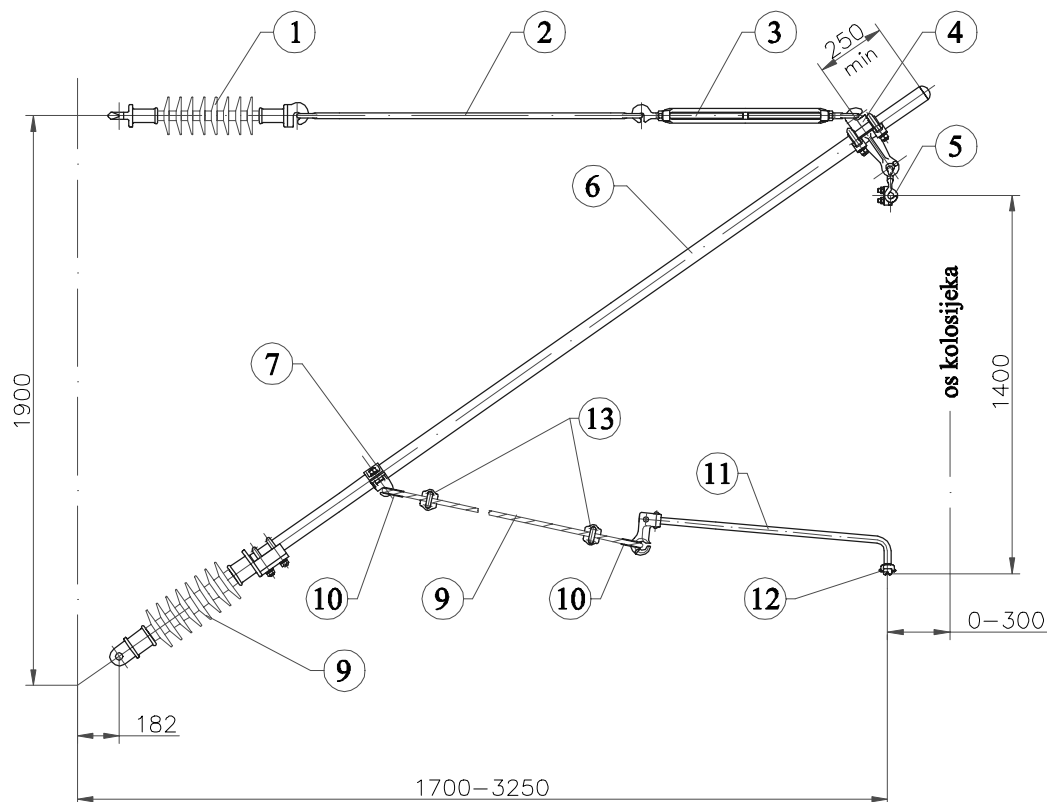


Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
1	1	1	Izolator zatege / Top tie insulator	64.202.500
2	1	1	Podesiva potpora / Adjustable top strut	64.202.600
3	1	1	Stežaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
4	1	1	Stežaljka s kukom za nosivo uže / Catenary suspension clamp	64.200.500
5	1	1	Kosnik konzole Ø51 / Strut tube Ø51	64.202.000
6	1	1	Stežaljka 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	Držać poligonatora Ø41 / Drop bracket for tube Ø41	64.202.300
10	1	1	Poligonator / Steady arm rods	64.205.800
11	1	1	Stežaljka kontaktnog vodiča za poligonator / Contact wire clip	64.201.200
12	0	1	Alka protiv vjetra / Antiwind stirrup	64.205.900
13	1	1	Stežaljka "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	Stežaljka 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

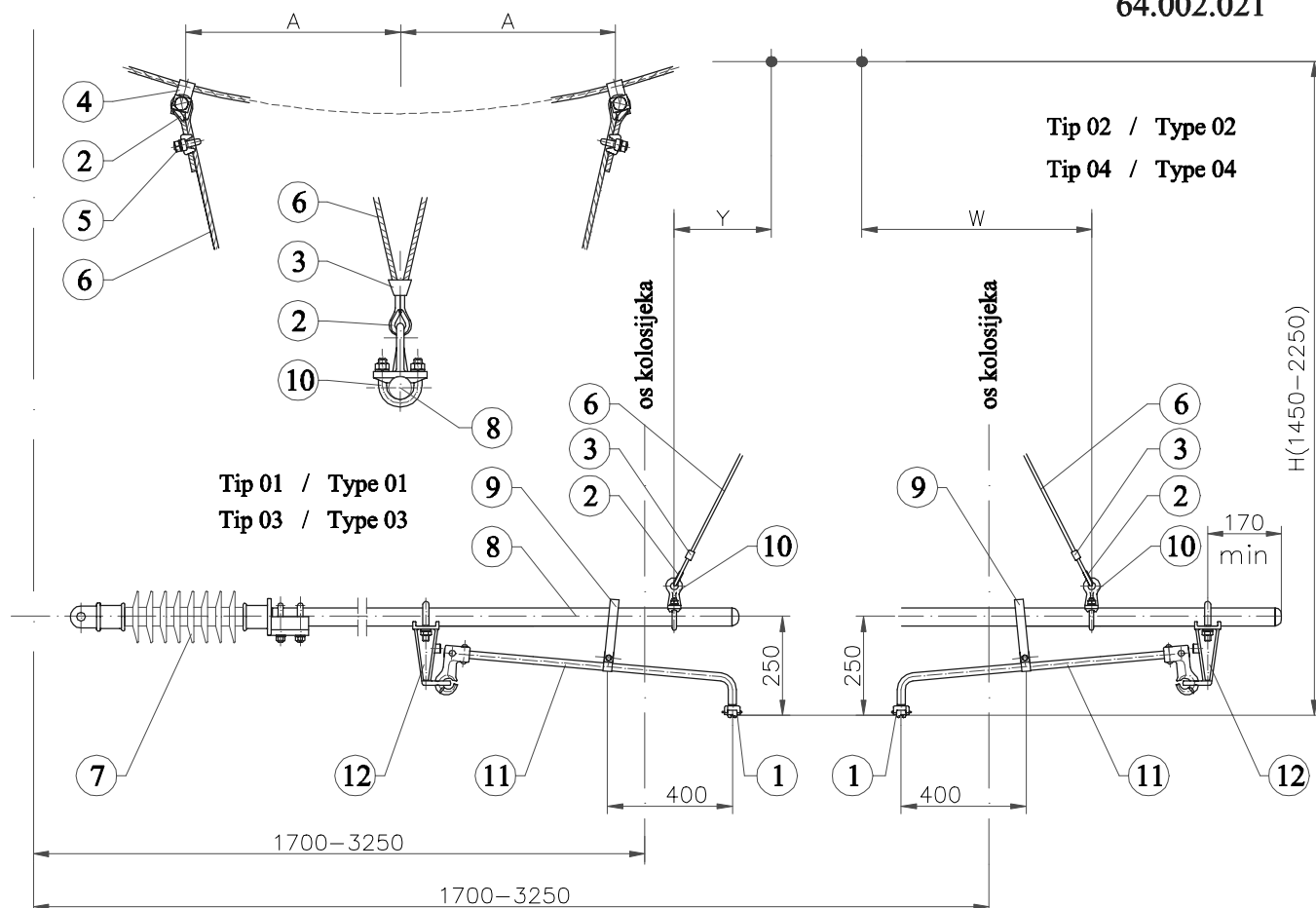


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Top tie insulator	64.200.100
2	1	Zatega / Top tie rods	64.200.200
3	1	Podesivi vijak / Top tie turnbuckle	64.200.300
4	1	Stežaljka s kukom i prstenom Ø51 / Hook and eye clamp for tube Ø51	64.201.900
5	1	Stežaljka s kukom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

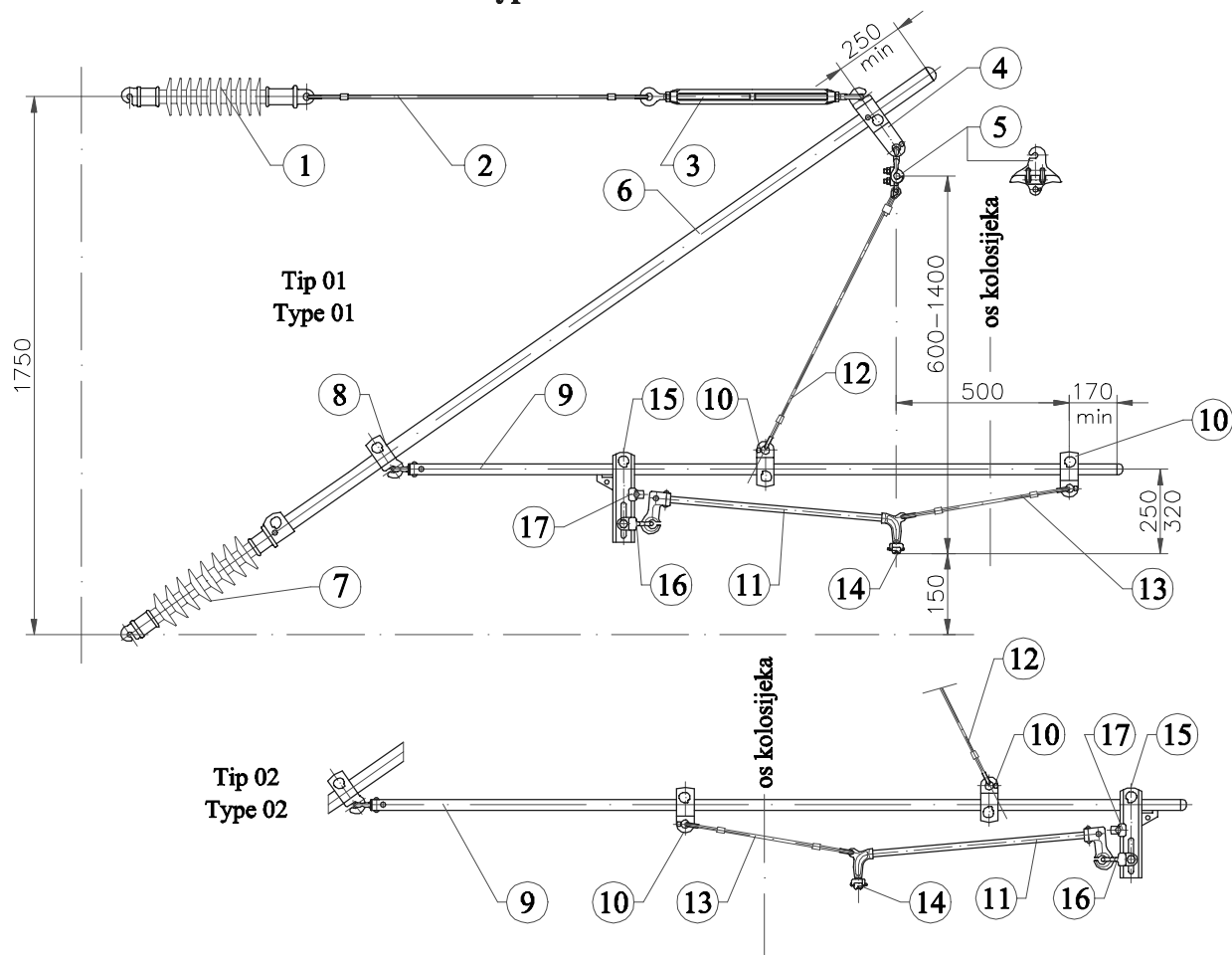


Geometrijske veličine Geometricals size [mm]		Približna razvijena dužina "V" vješaljke Approximate length vee dropper [mm]
A = 1000	Y = 350	L = 2700
H = 1450	W = 750	L = 2900
A = 1000	Y = 350	L = 2700
H = 1450	W = 750	L = 2900

Poz Item	Kom/Pcs Tip/Type 01/02 03/04		Naziv sklopa Description	Kat.br. Cat.No.
1	1	1	Stežaljka 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	Stežaljka 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	Stežaljka "V" vješaljke 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**

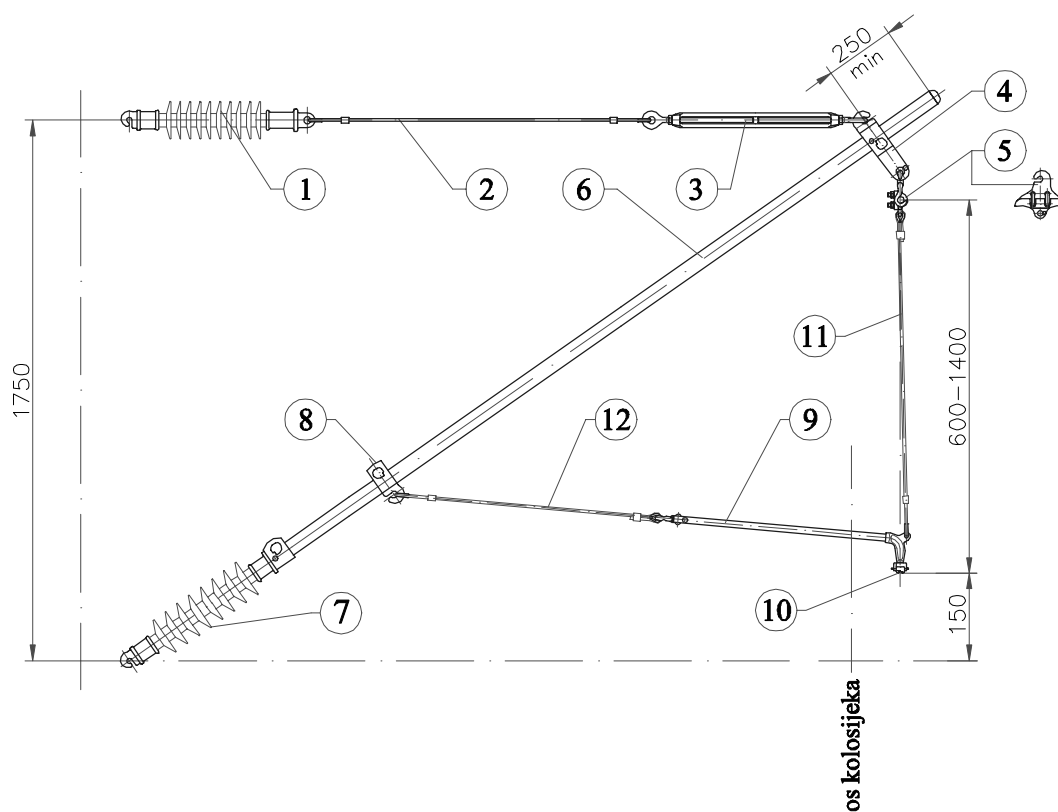
65.002.001



Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
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 limiter	43.64.203

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

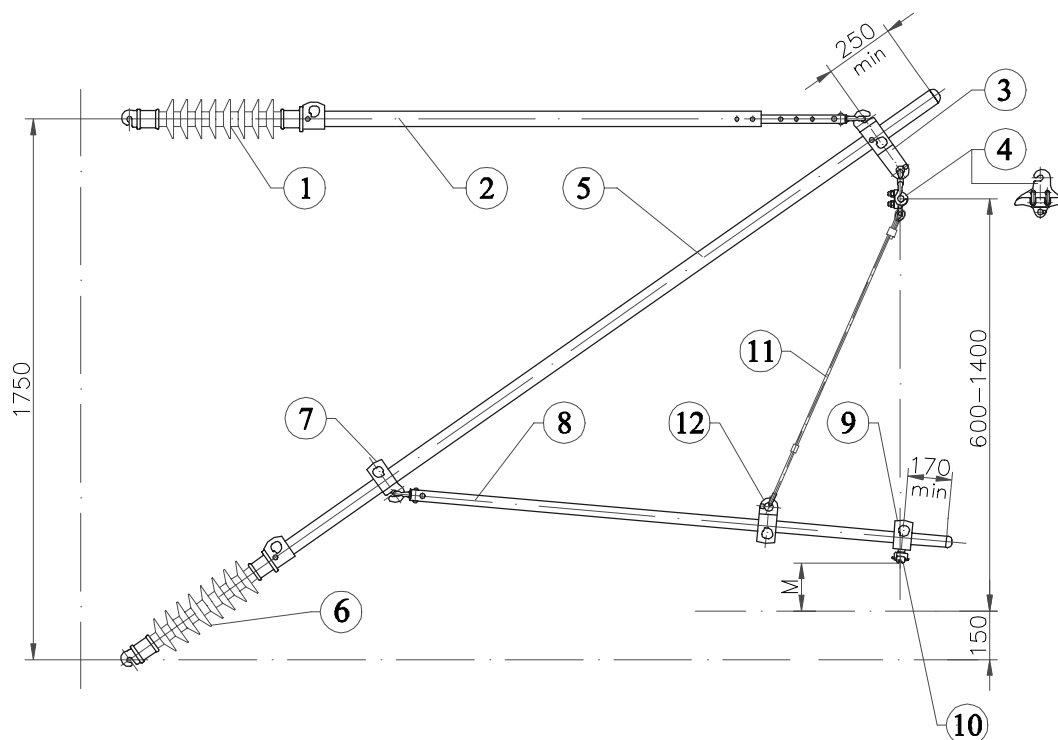
65.002.003



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 užje / 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 vodičana za poligonator / Contact wire clip	64.257.500P
11	1	Vješaljka poligonatora / Steady arm hanger	
12	1	Zatega od užeta 5 mm / Wire tensioner 5	

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

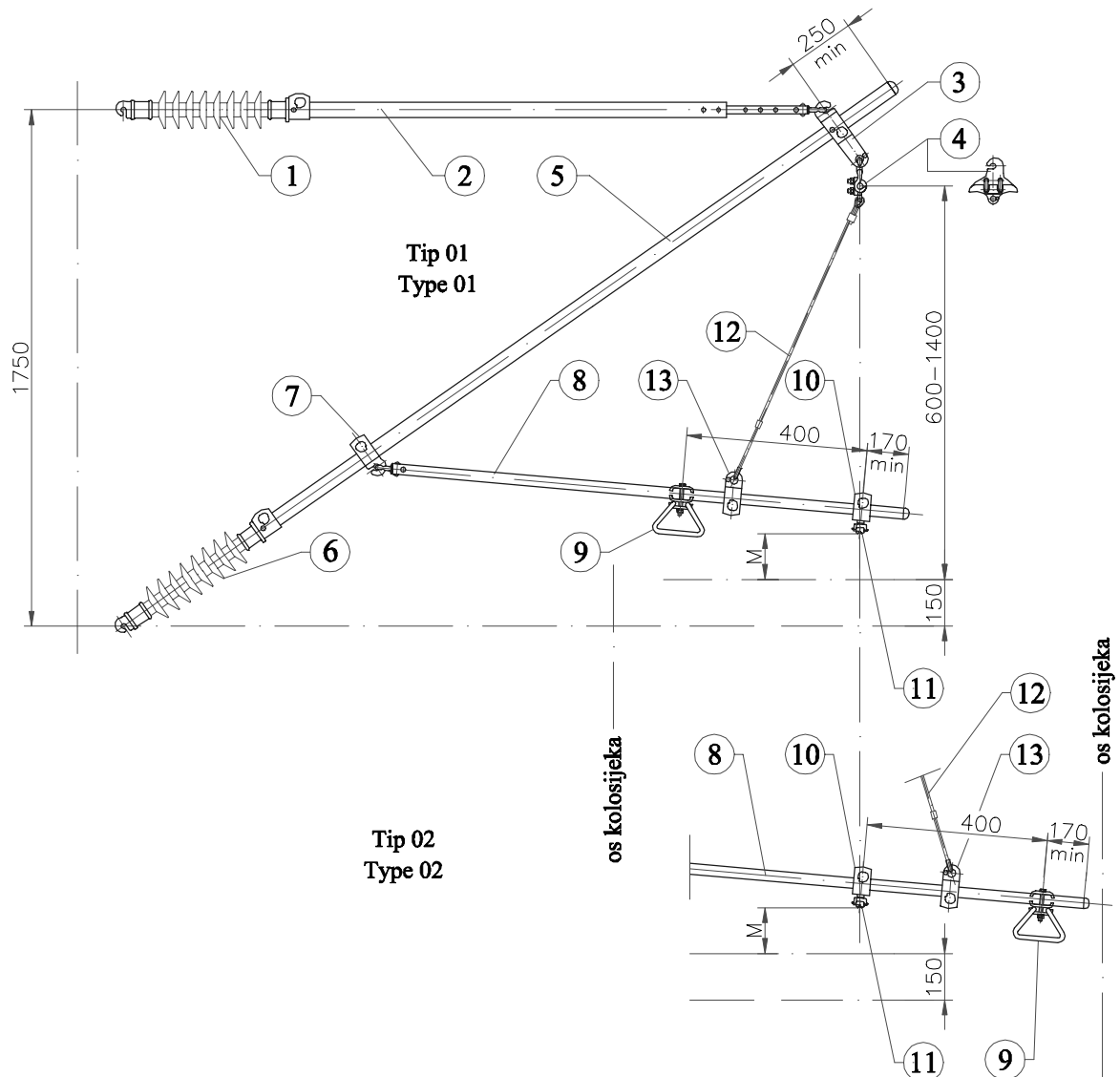
65.002.007



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Insulator	
2	1	Podšavajuća potpora / Adjustable 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 užje / 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 vodičana 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

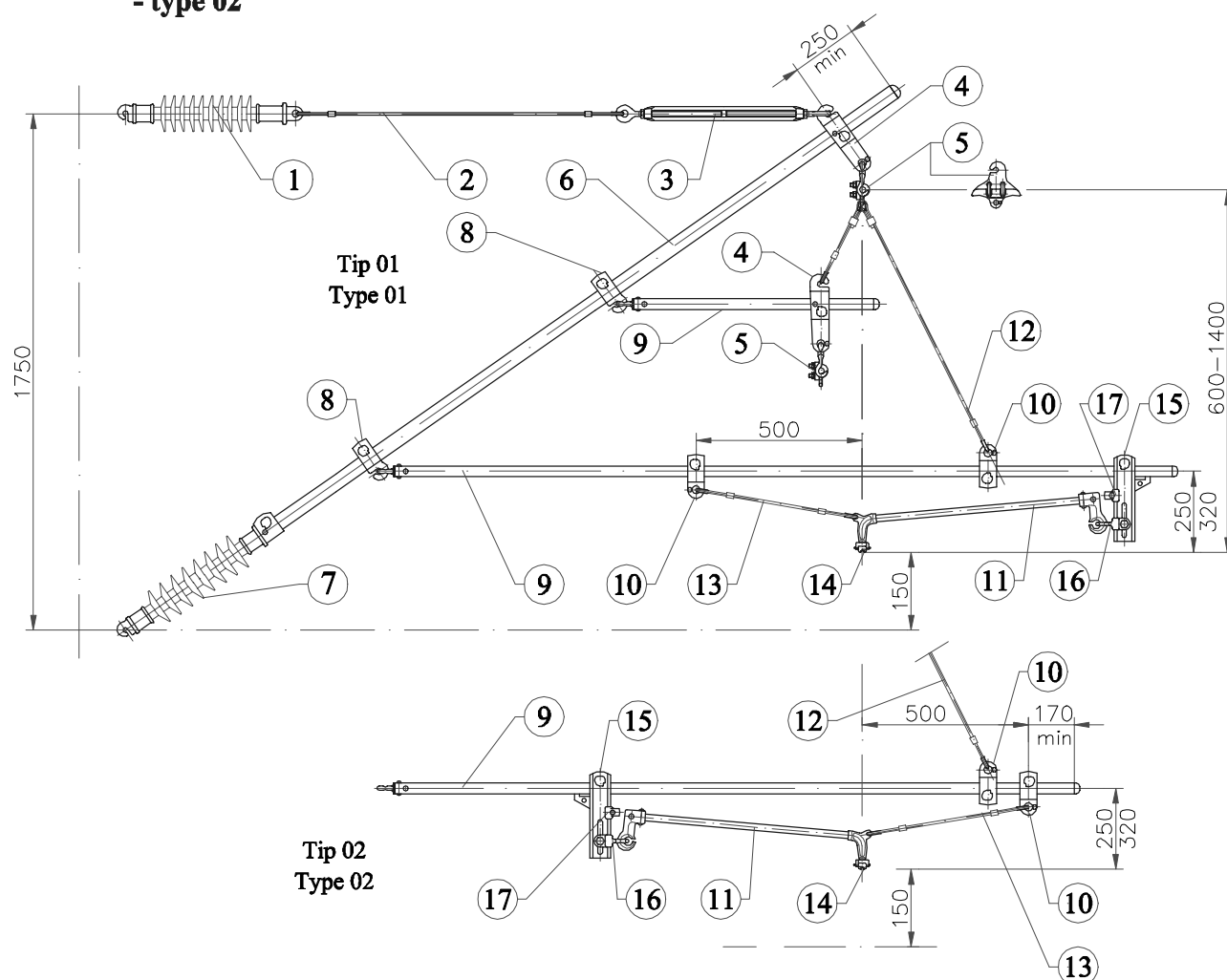


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1 1	Izolator potpore / Insulator	
2	1 1	Podešavajuća potpora / Adjustable support	43.64.194
3	1 1	Stezaljka s kukom i prstenom / Hook and eye clamp for tube	43.64.183
4	1 1	Stezaljka s kukom za nosivo užje / Catenary suspension clamp	64.250.500
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 batičem / Clamp with ball	43.64.182
11	1 1	Stezaljka kontaktnog vodičana za poligonator / Contact wire clip	64.257.500P
12	1 1	"I" vješaljka / "I" 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

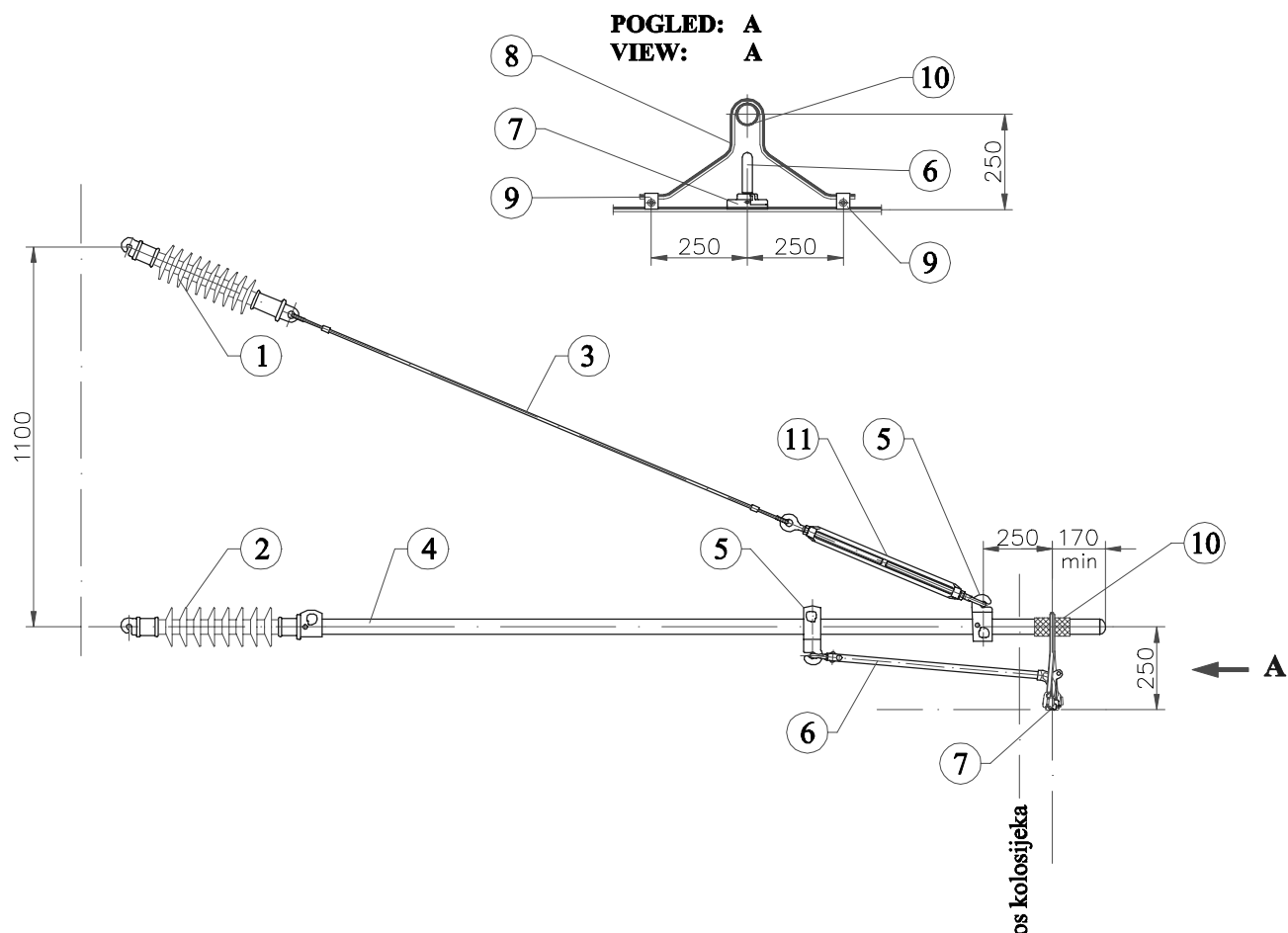
65.002.013



Poz Item	Kom Pcs		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
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	"I" vješaljka / "I" haenger	
13	1	1	Vješaljka poligonatora / Steady arm haenger	
14	1	1	Stezaljka kontaktnog vodičnog za poligonator / Contact wire clip	64.257.500P
15	1	1	Držak 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 limiter	43.64.203

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

65.002.014

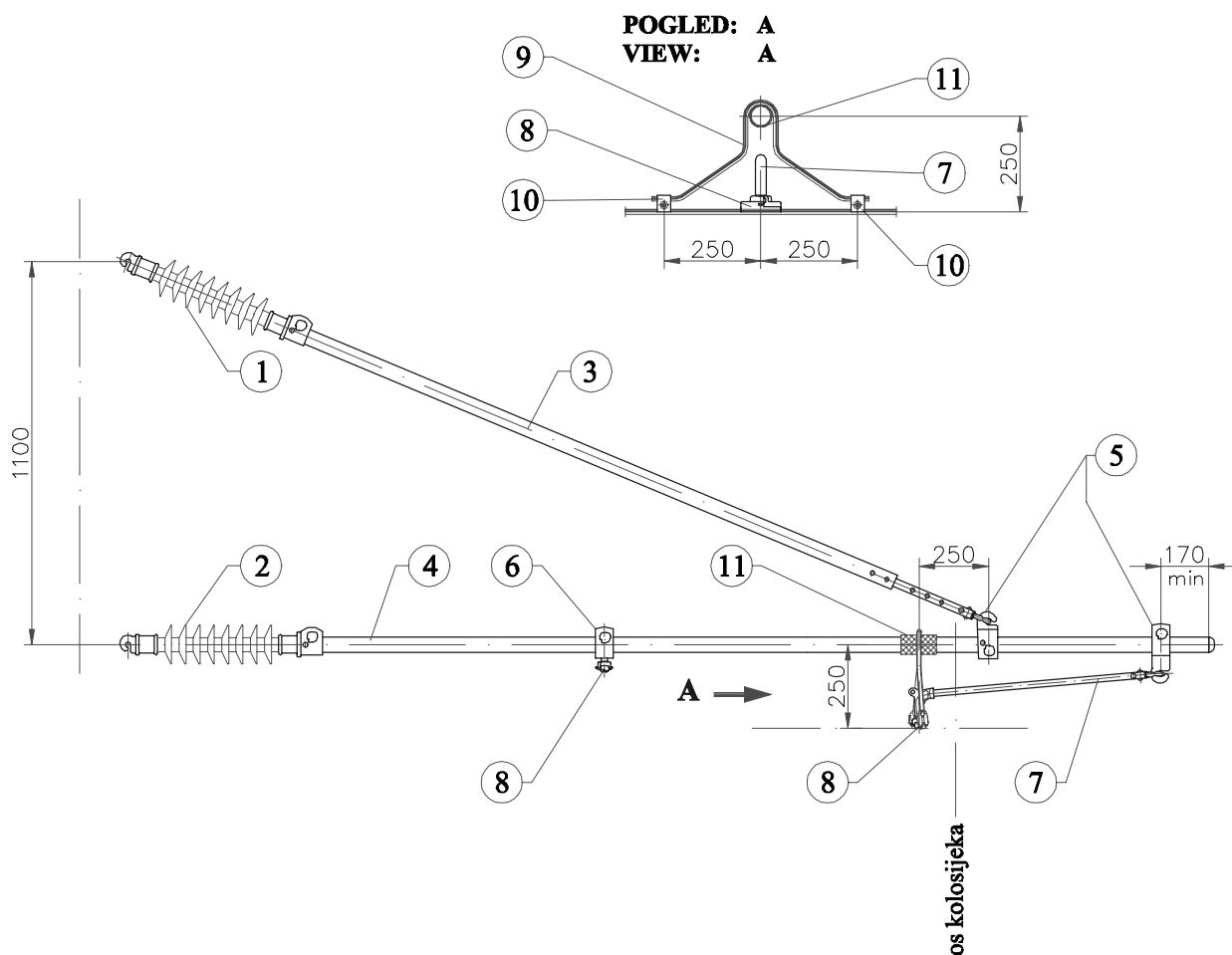


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator zatege / Insulator	
2	1	Izolator kosnika / Insulator	
3	1	Zatega konzole / Cantilever stay rod	43.64.184
4	1	Nosač poligonatora 48 / Steady arm support 48	65.202.200
5	2	Stezaljka s kukom 48 / Clamp with hook 48	43.64.181
6	1	Ravni poligonator / Straight steady arm	64.251.250
7	1	Okretna stezaljka za kontakti 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

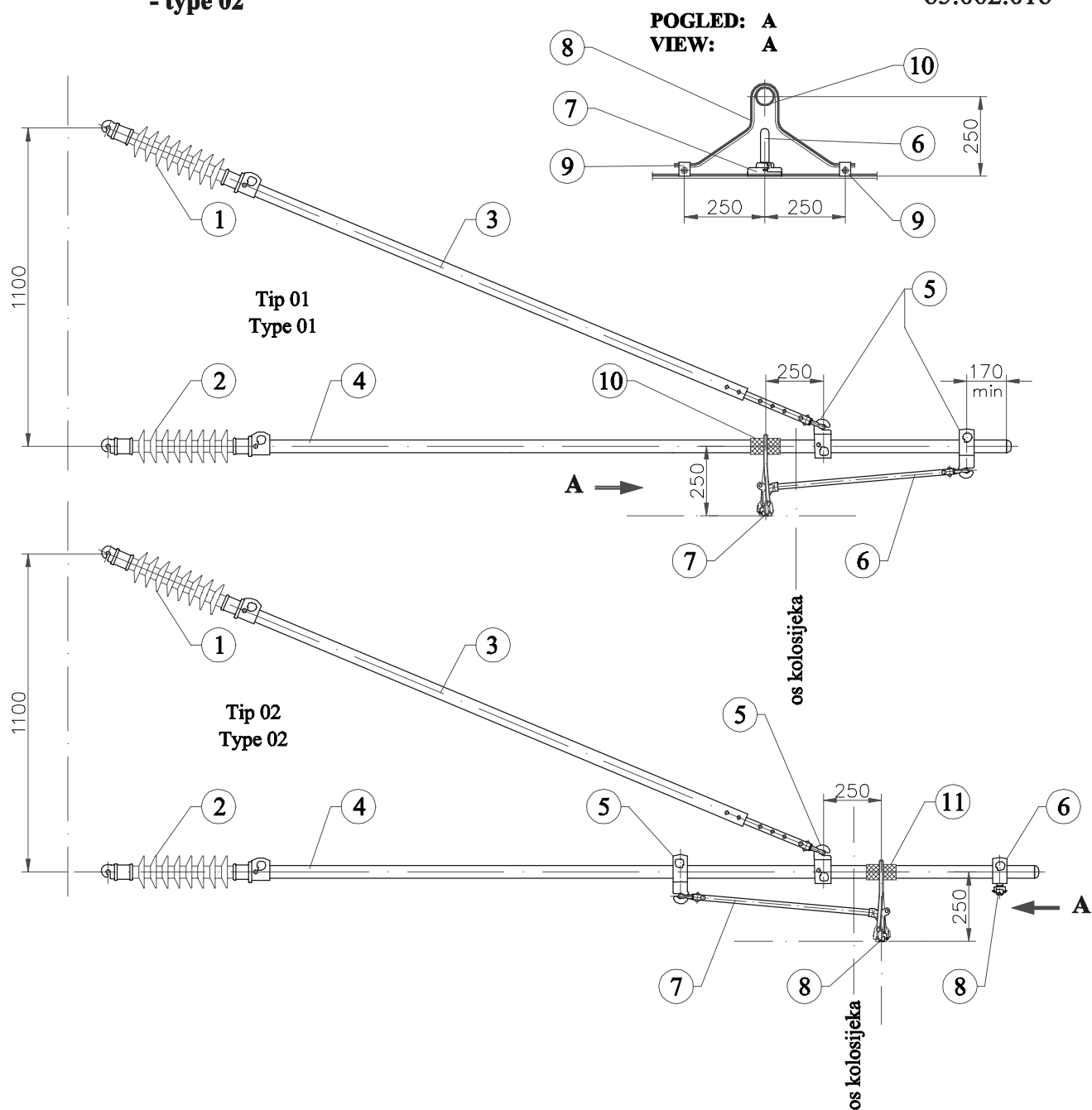


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Insulator	
2	1	Izolator kosnika / Insulator	
3	1	Podešavajuća potpora / Adjustable support	43.64.194
4	1	Kosnik konzole 48 / Bracket 48	65.202.000
5	2	Stezaljka s kukom 48 / Clamp with hook 48	43.64.181
6	1	Stezaljka s batićem / 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

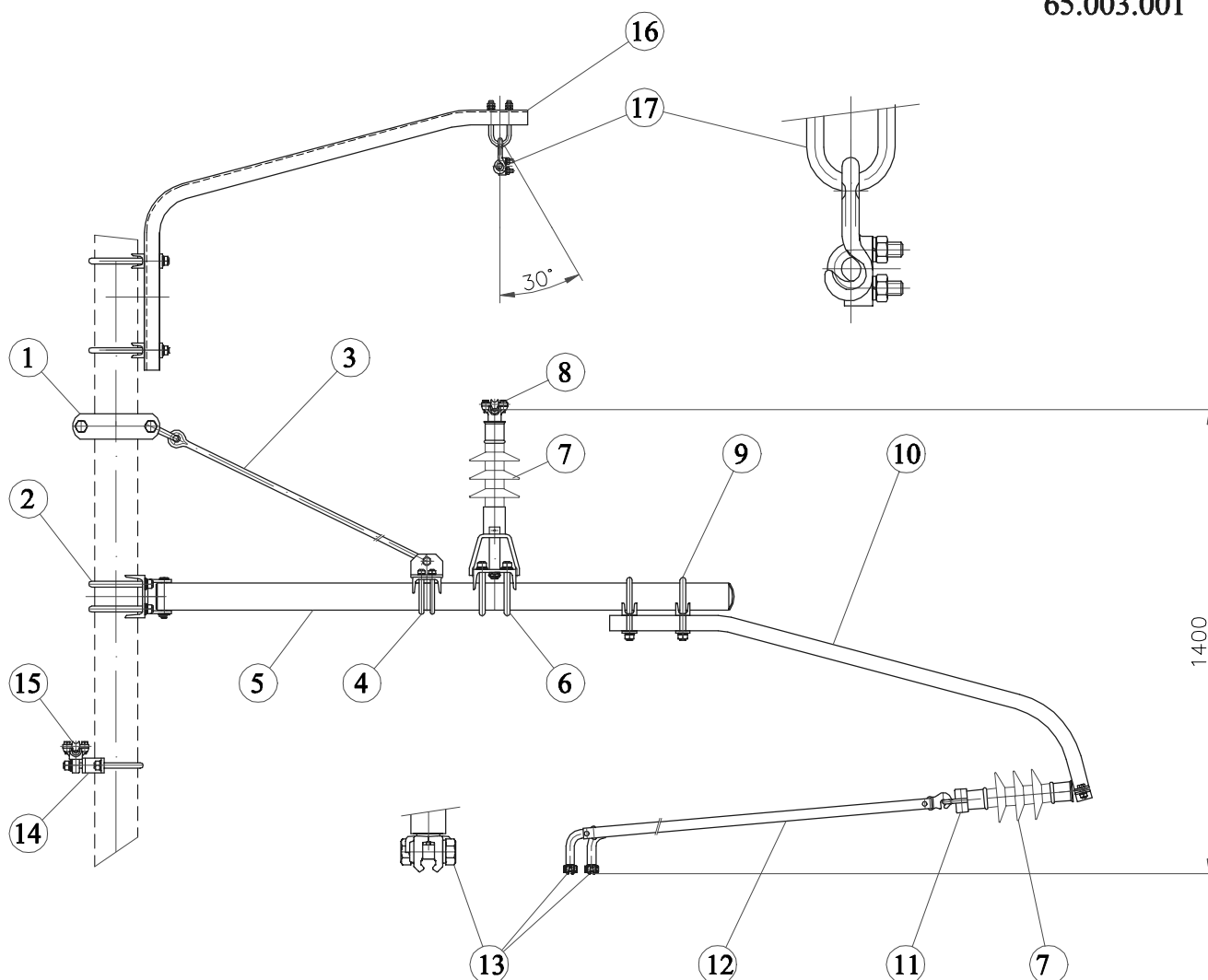
65.002.016



Poz Item	Kom Pcs	Naziv sklopa Description		Kat.br. Cat.No.
	01	02		
1	1	1	Izolator potpore / Insulator	
2	1	1	Izolator kosnika / Insulator	
3	1	1	Podešavajuća potpora / Adjustable 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**

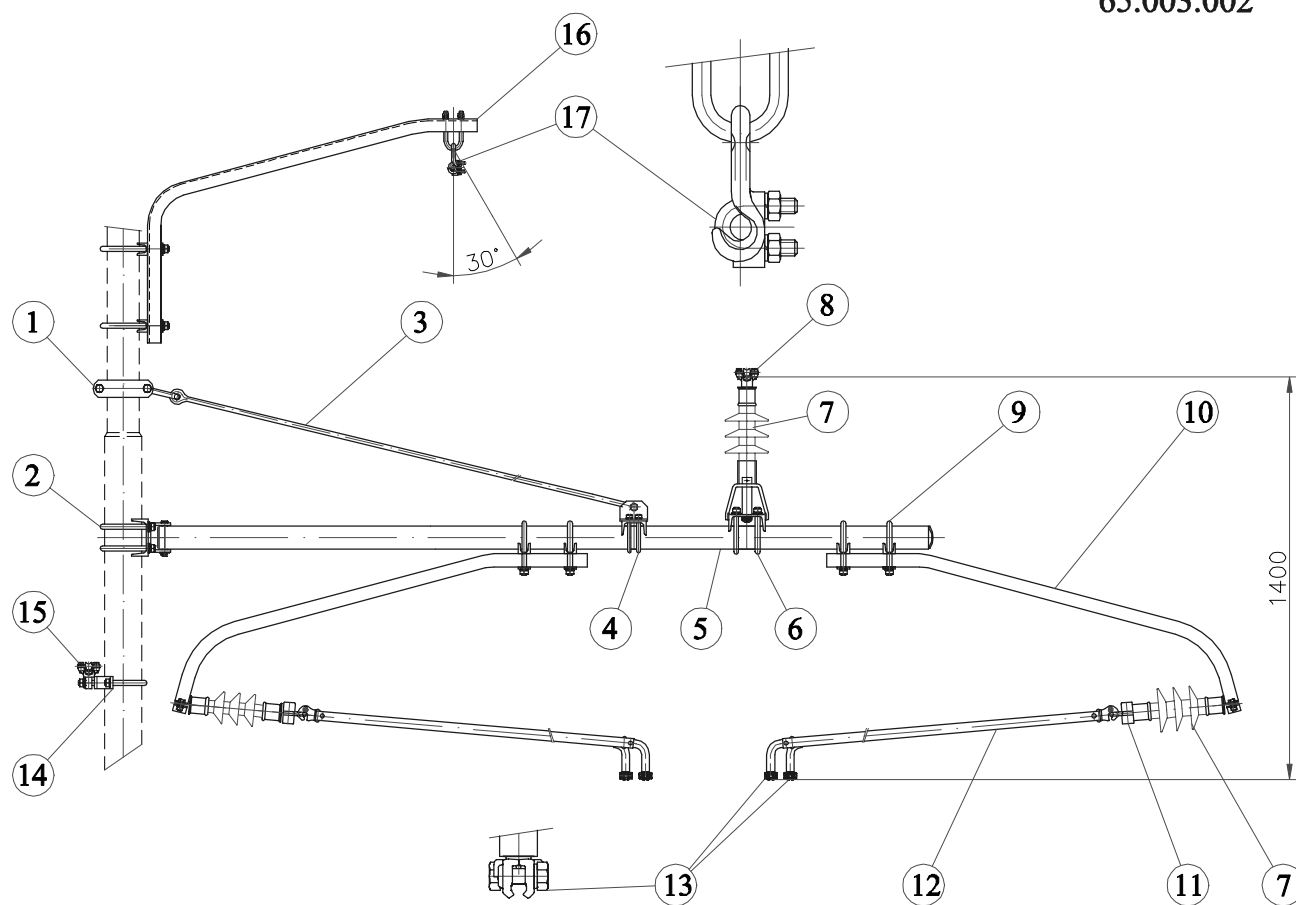
65.003.001



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik kosnika / Bracket fastener	65.110.100
3	1	Zatega kosnika / Bracket stay rod	65.31.700
4	1	Pričvršnik zatega / 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	Pričvršnik 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**

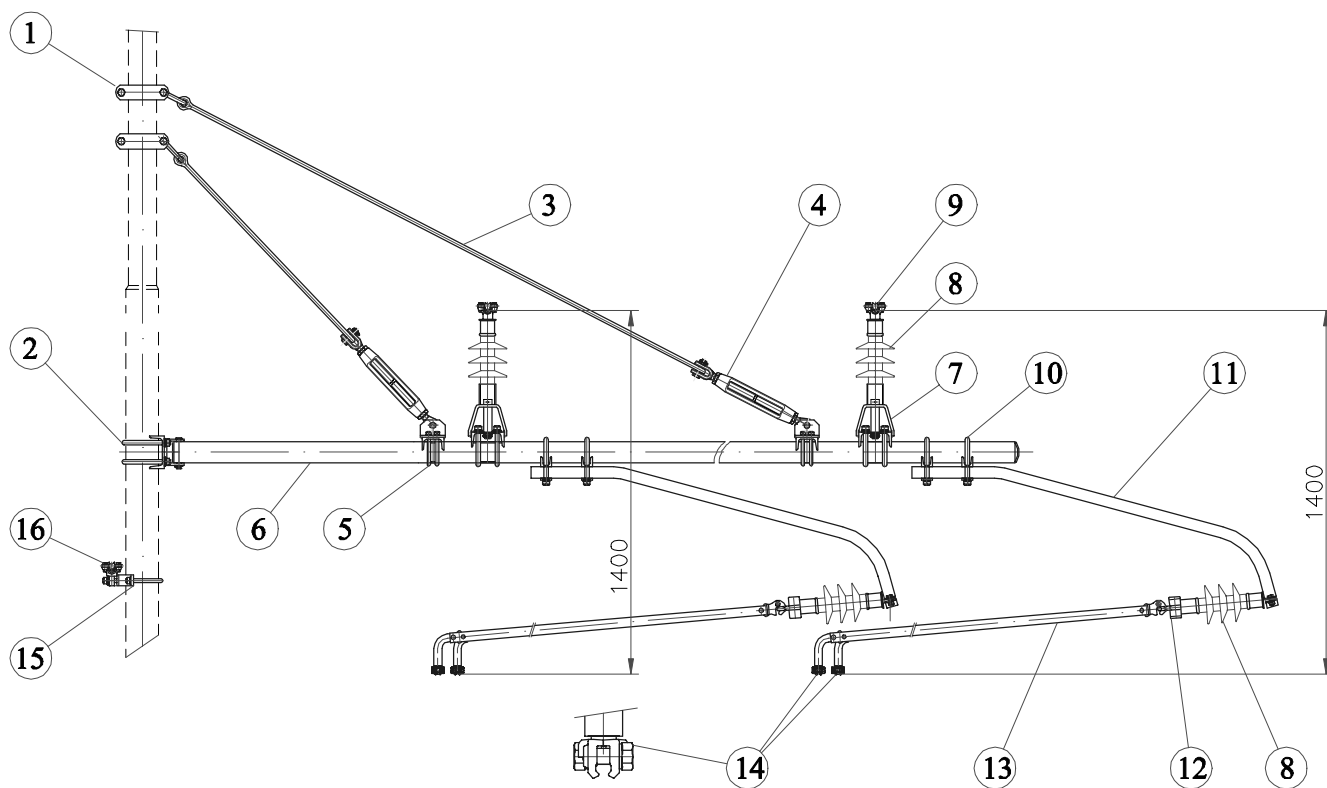
65.003.002



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik kosnika / Bracket fastener	65.110.100
3	1	Zatega kosnika / Bracket stay rod	65.31.700
4	1	Pričvršnik 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	Pričvršnik 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**

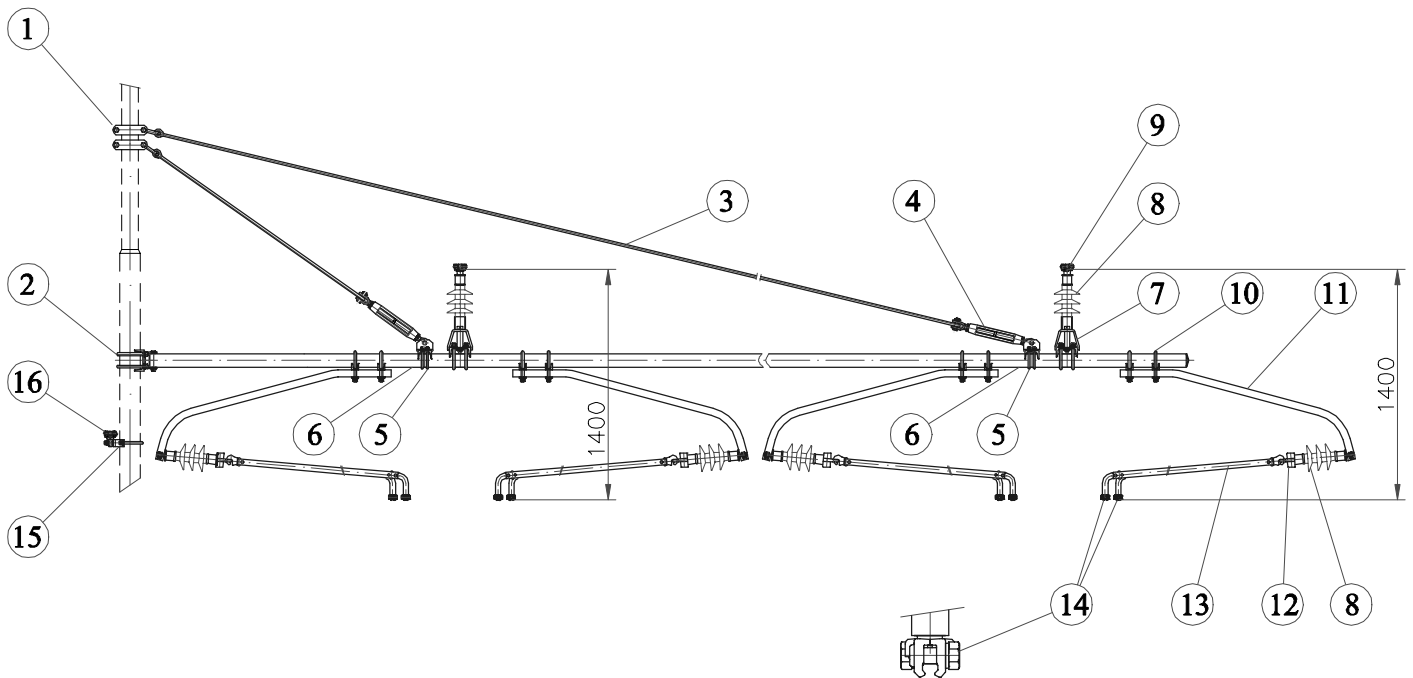
65.003.003



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik 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	Pričvršnik zatega / 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	Pričvršnik 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**

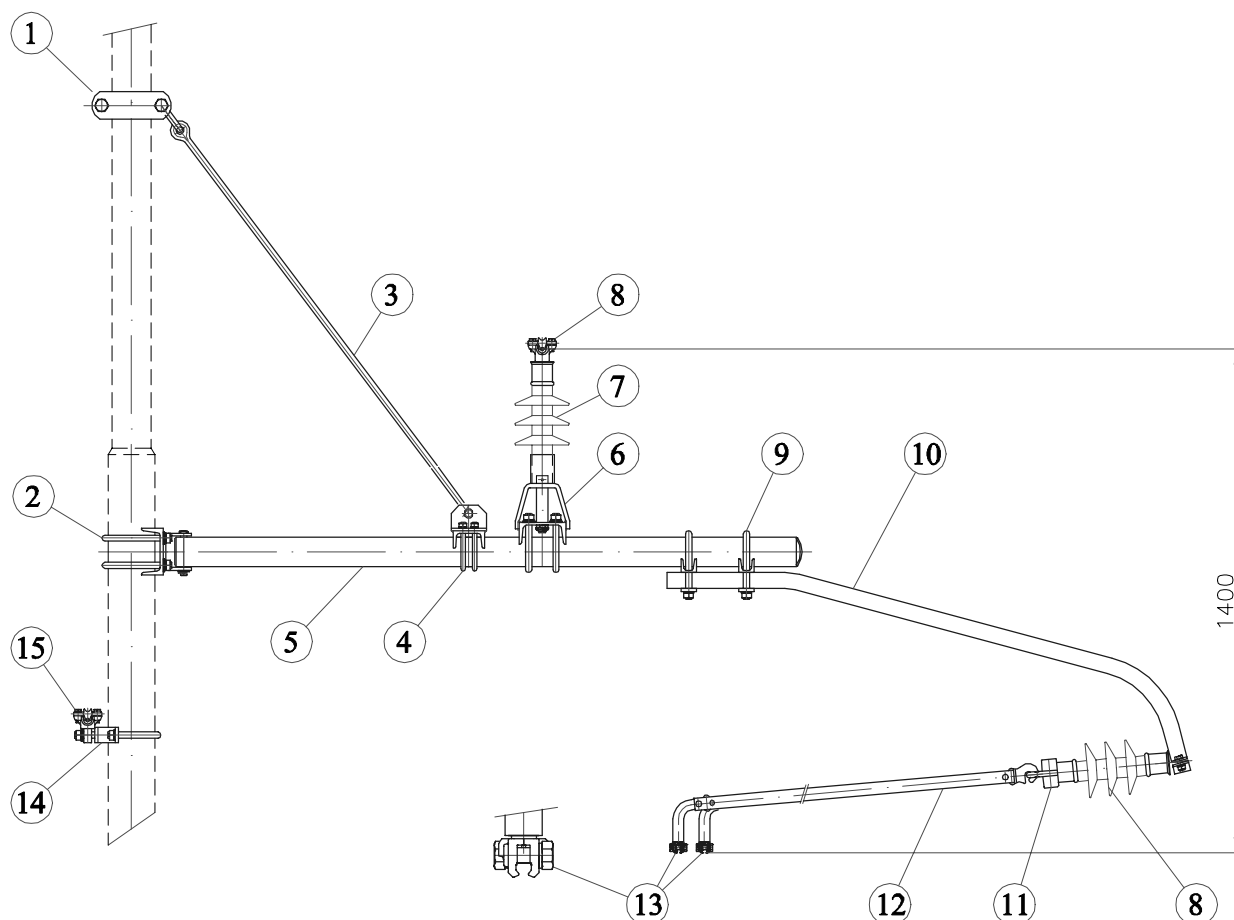
65.003.004



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrtnik 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	Pričvrtnik 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	Pričvrtnik 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**

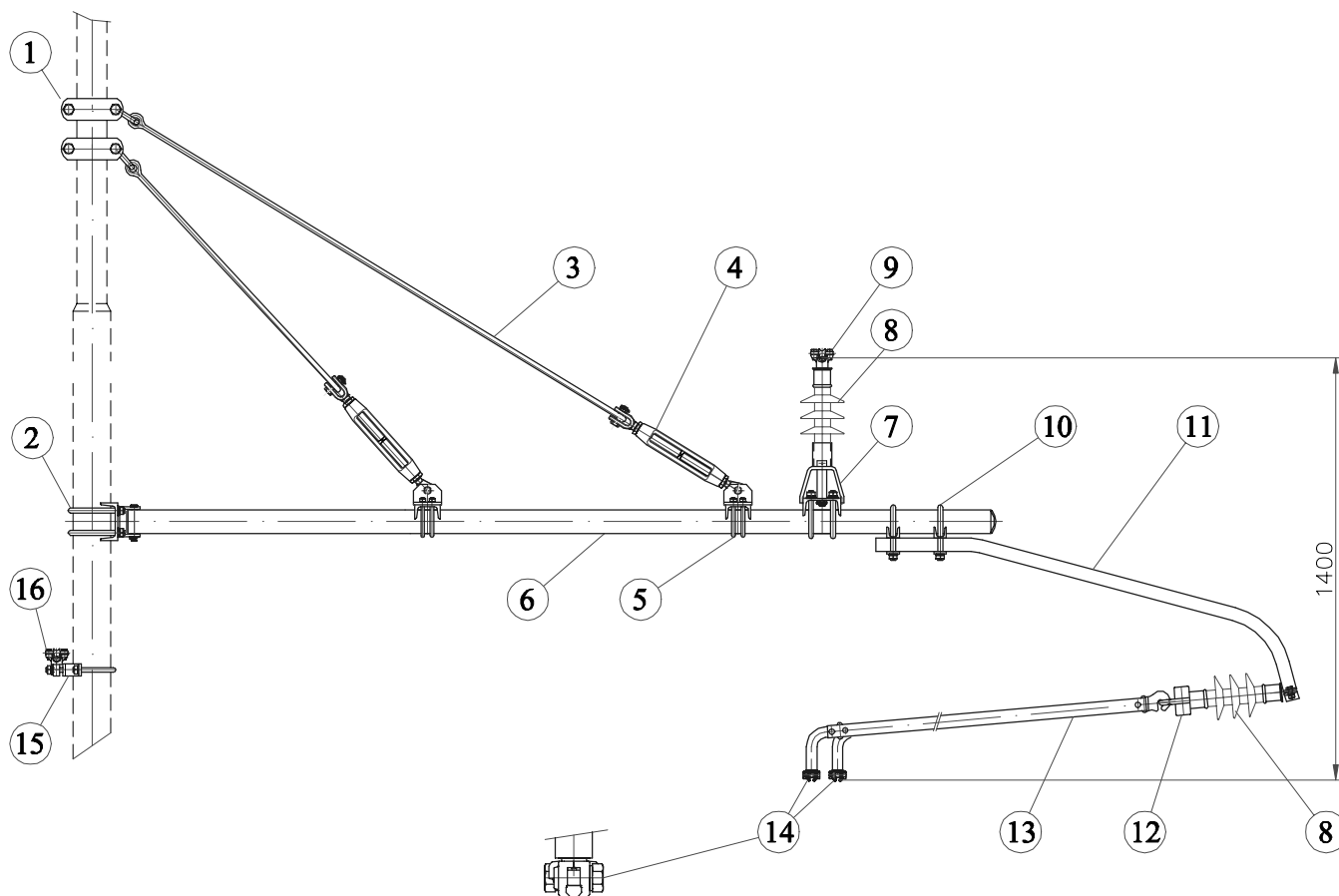
65.003.005



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik kosnika / Bracket fastener	65.110.100
3	1	Zatega kosnika / Bracket stay rod	65.31.700
4	1	Pričvršnik 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	Pričvršnik 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**

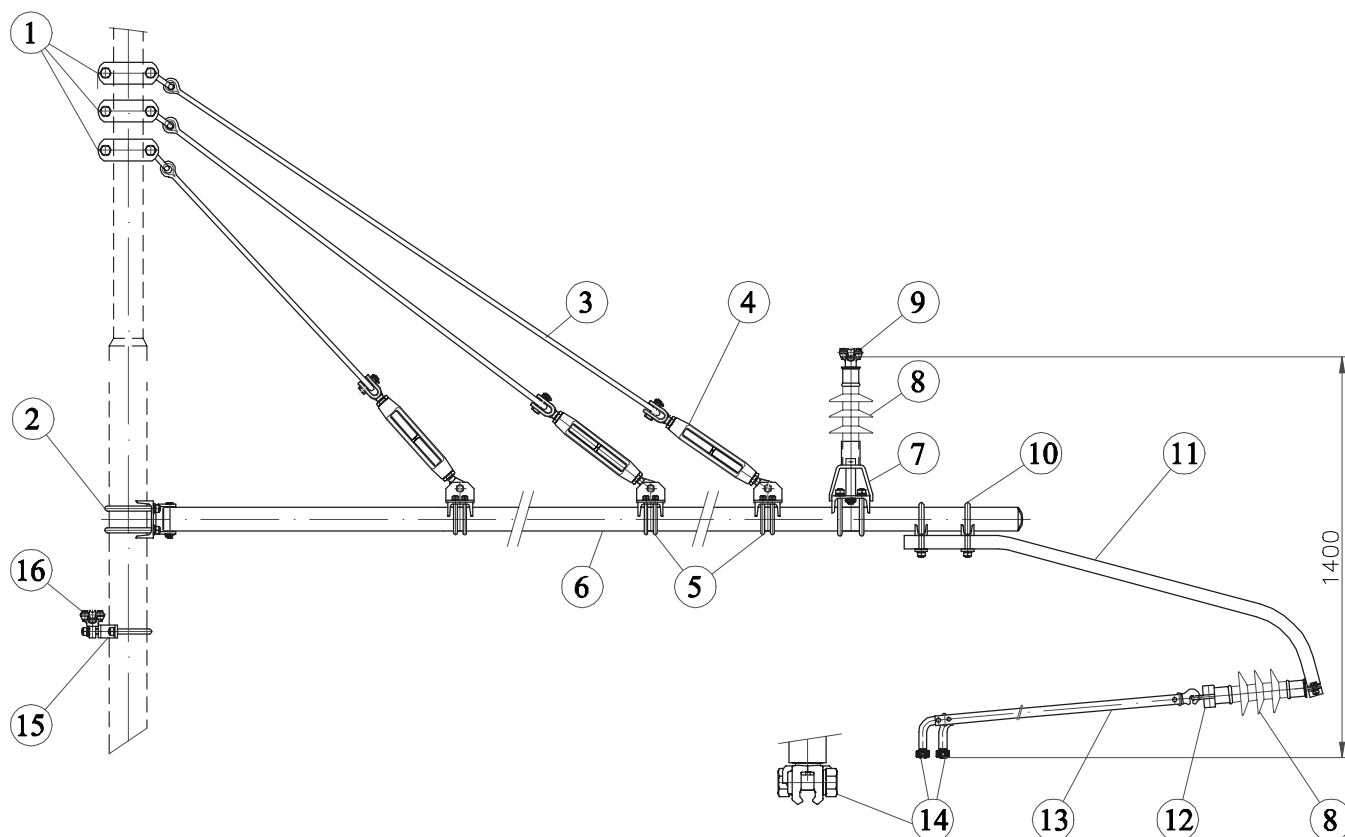
65.003.006



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik 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	Pričvršnik 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	Pričvršnik 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**

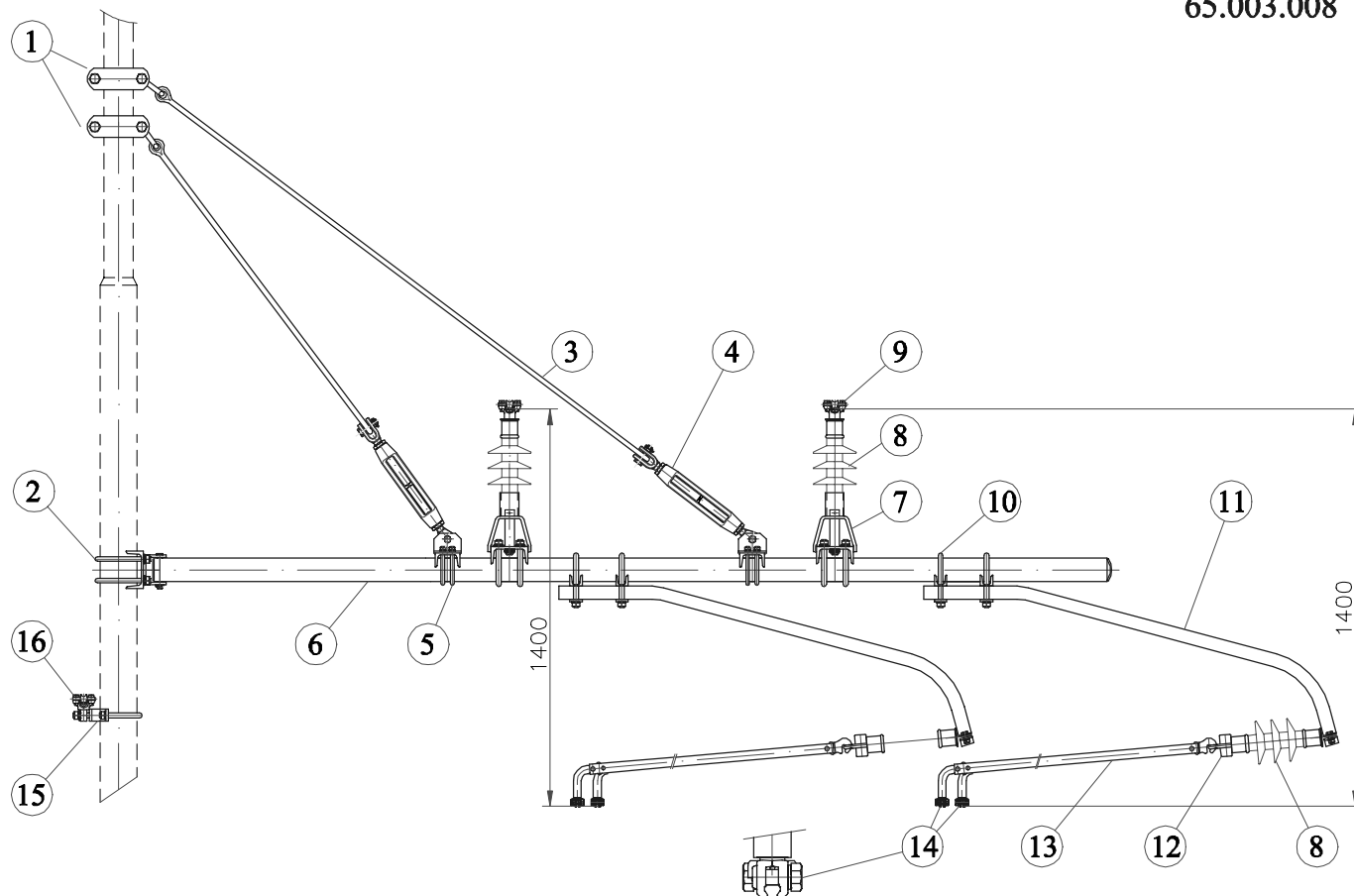
65.003.007



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	3	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik 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	Pričvršnik 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	Pričvršnik 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**

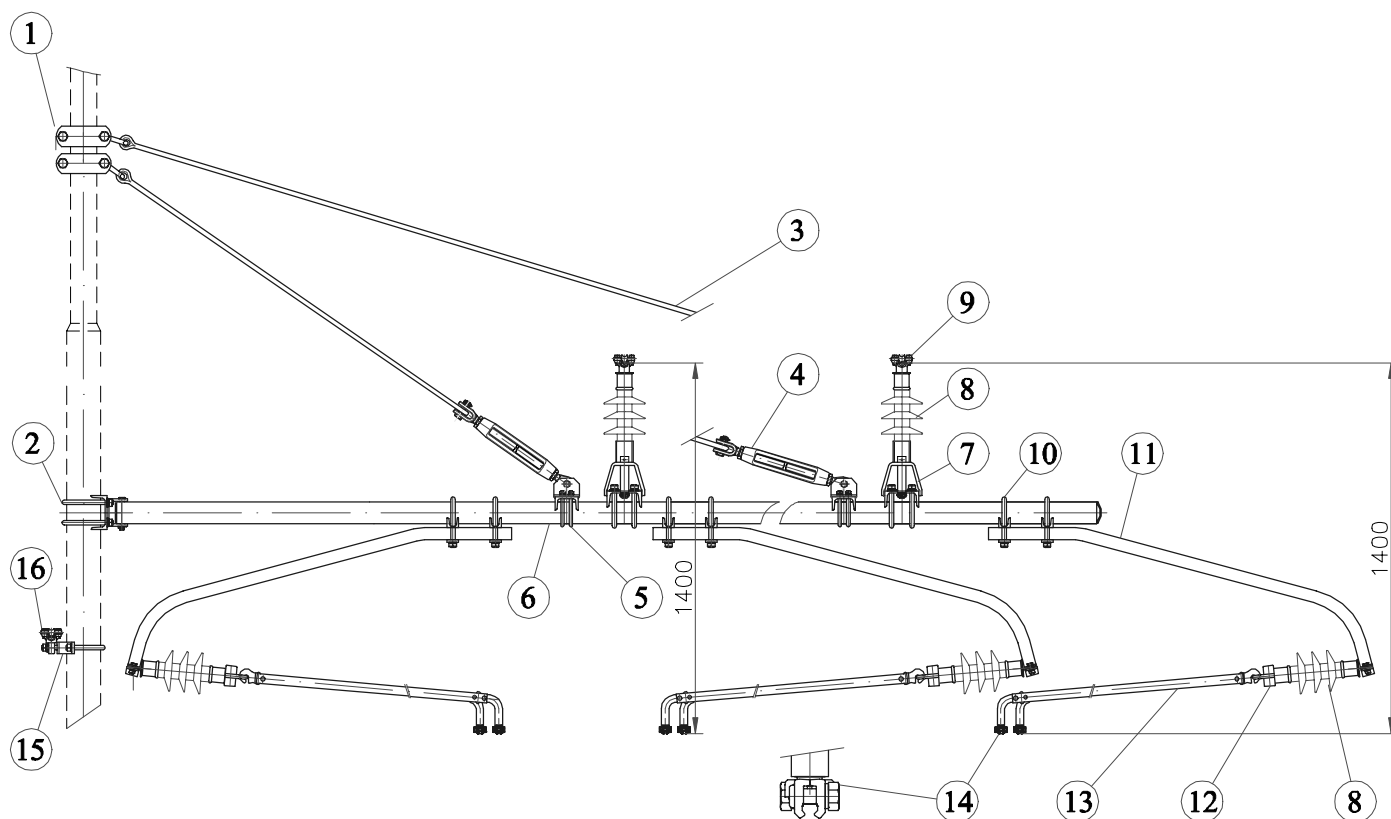
65.003.008



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvrtnik 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	Pričvrtnik 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	Pričvrtnik 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**

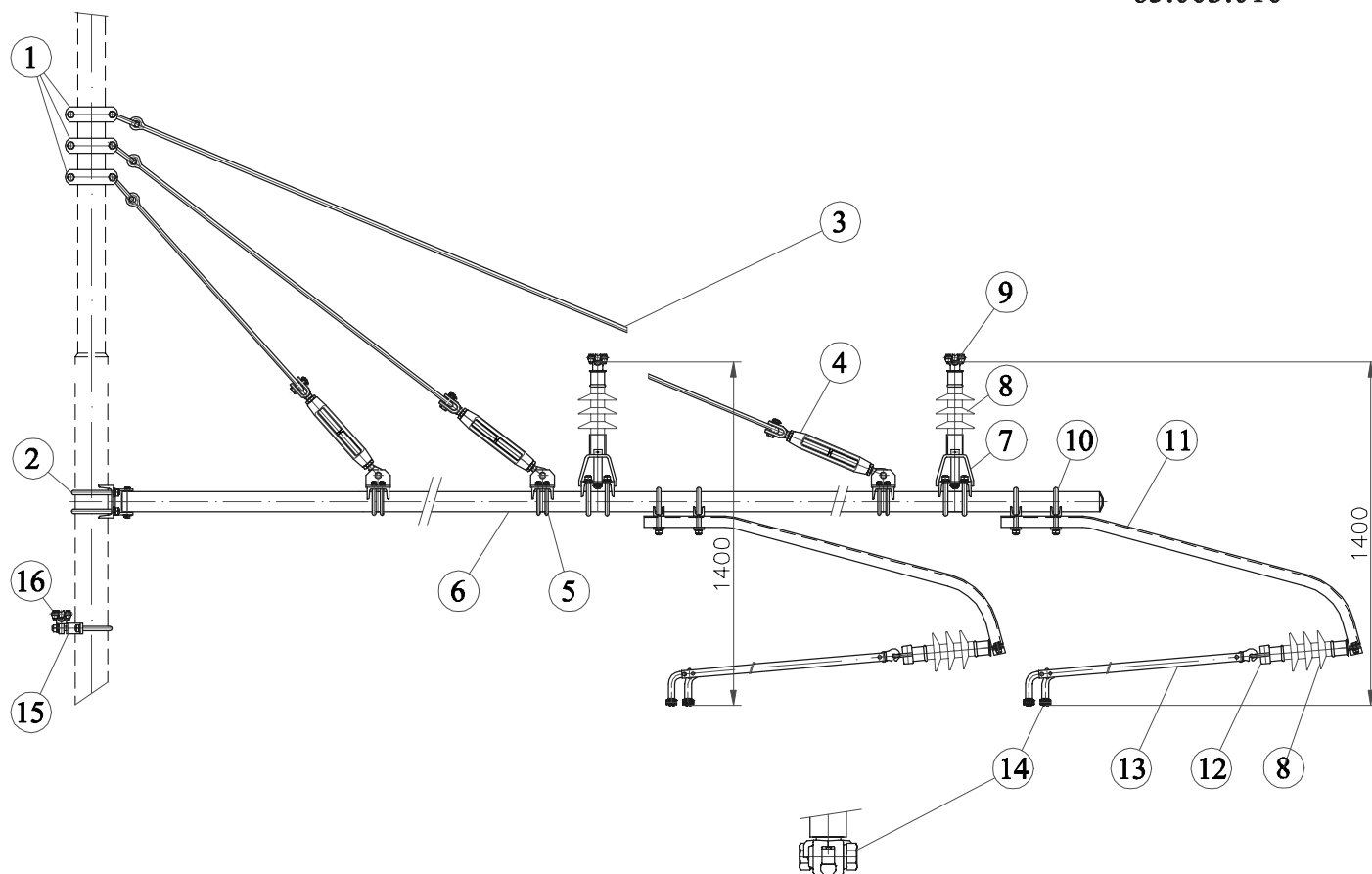
65.003.009



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.no.
1	2	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik 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	Pričvršnik 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	Pričvršnik 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

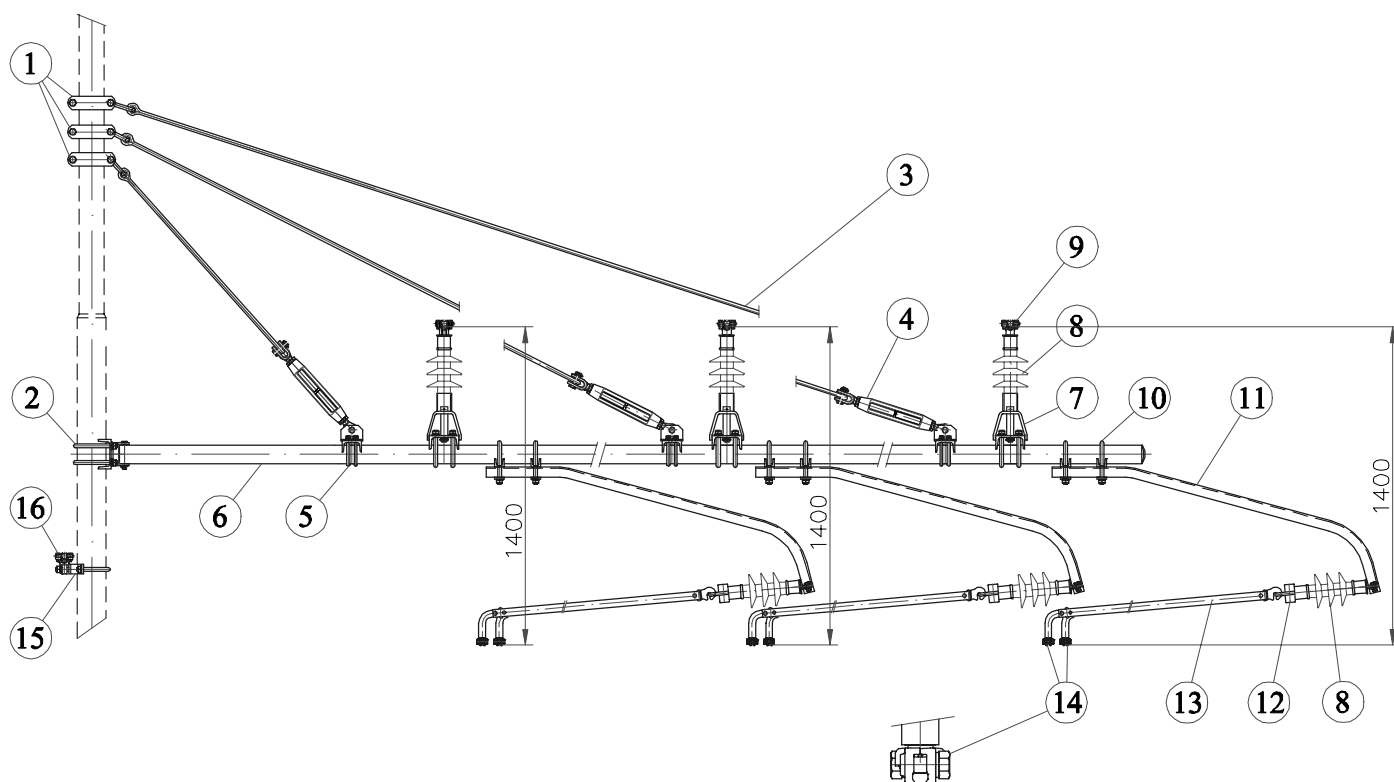


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	3	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik kosnika / Bracket fastener	65.110.100
3	3	Zatega kosnika / Bracket stay rod	65.31.700
4	3	Zatezač / Turnbuckle	25.37.011
5	3	Pričvršnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	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	Pričvršnik 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

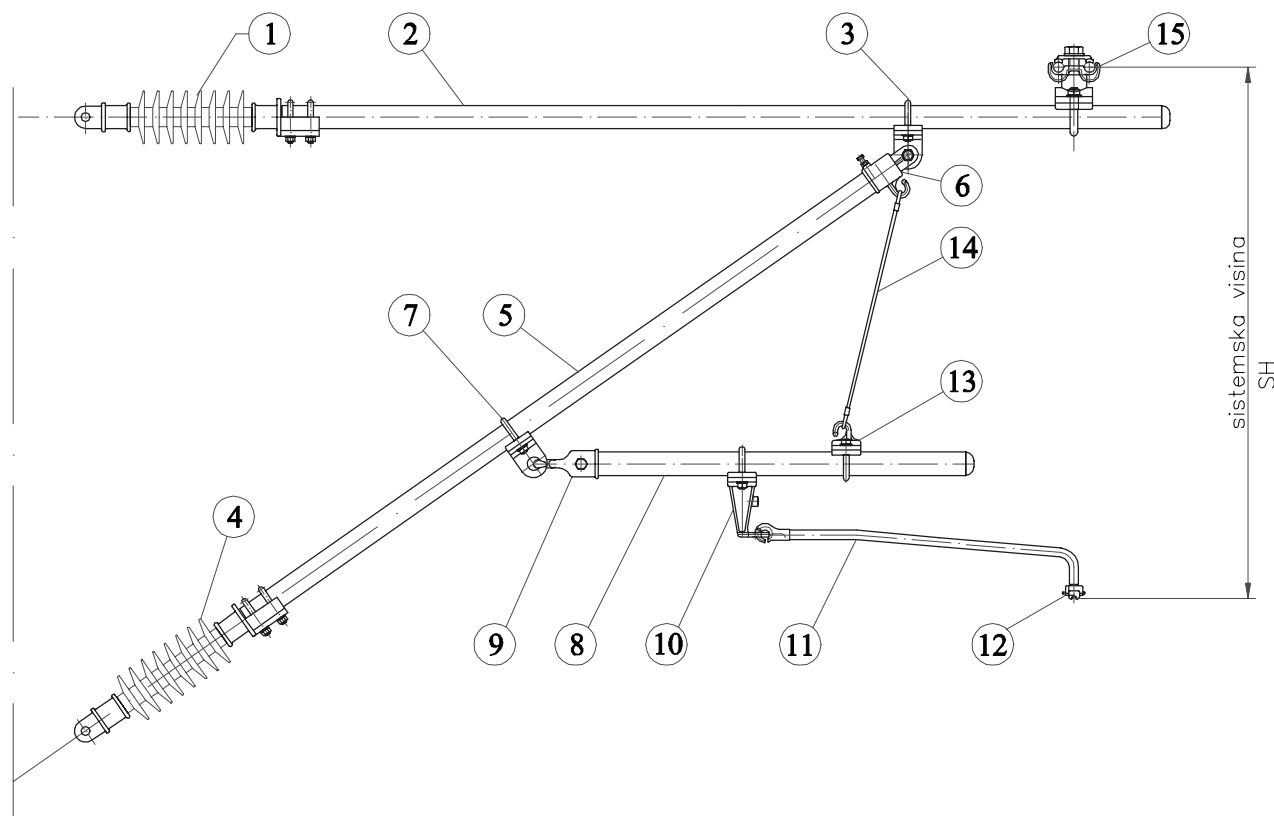


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	3	Obujmica / Pipe clip	65.100.100
2	1	Pričvršnik kosnika / Bracket fastener	65.110.100
3	3	Zatega kosnika / Bracket stay rod	65.31.700
4	3	Zatezač / Turnbuckle	25.37.011
5	3	Pričvršnik zatege / Stay rod fastener	65.110.300
6	1	Kosnik / Bracket	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	Pričvršnik 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

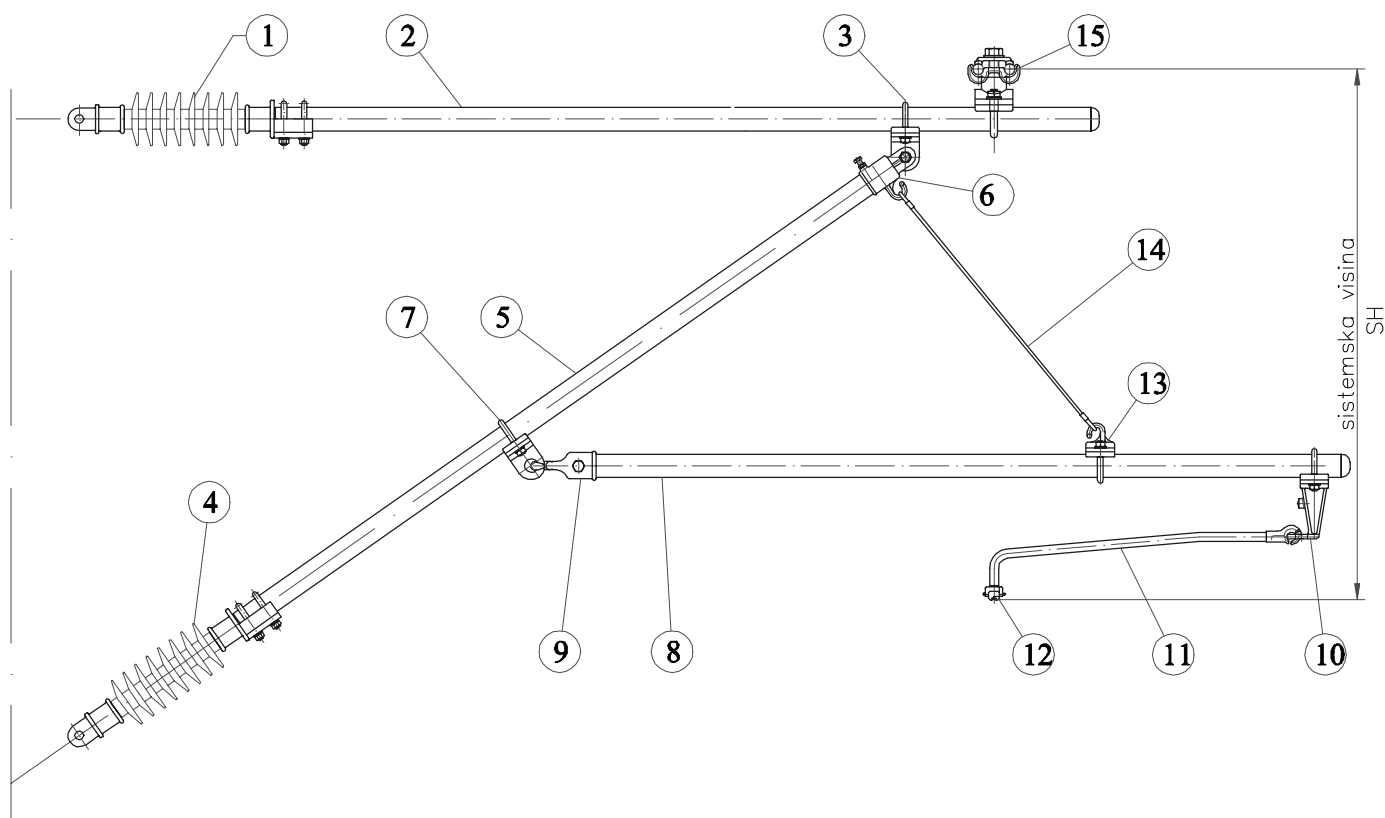
64.002.001A



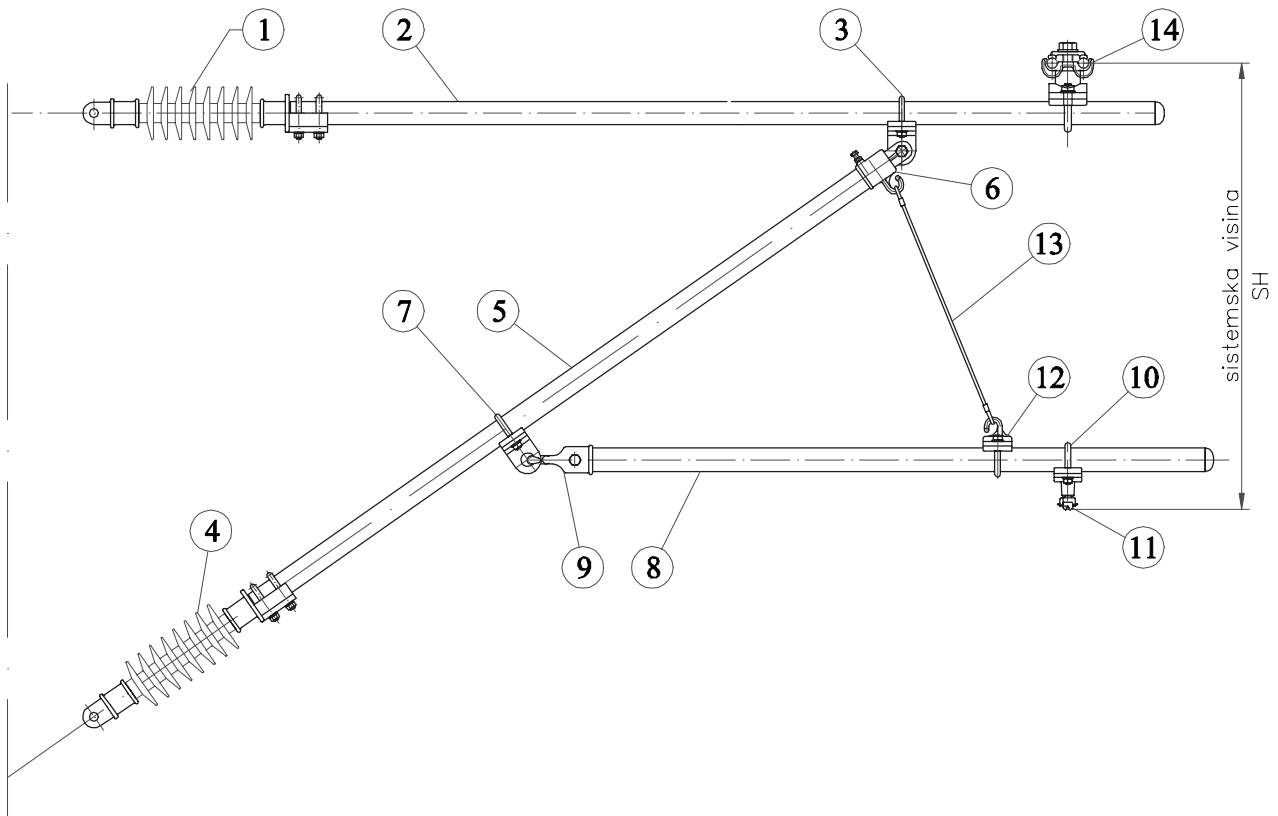
Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end 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

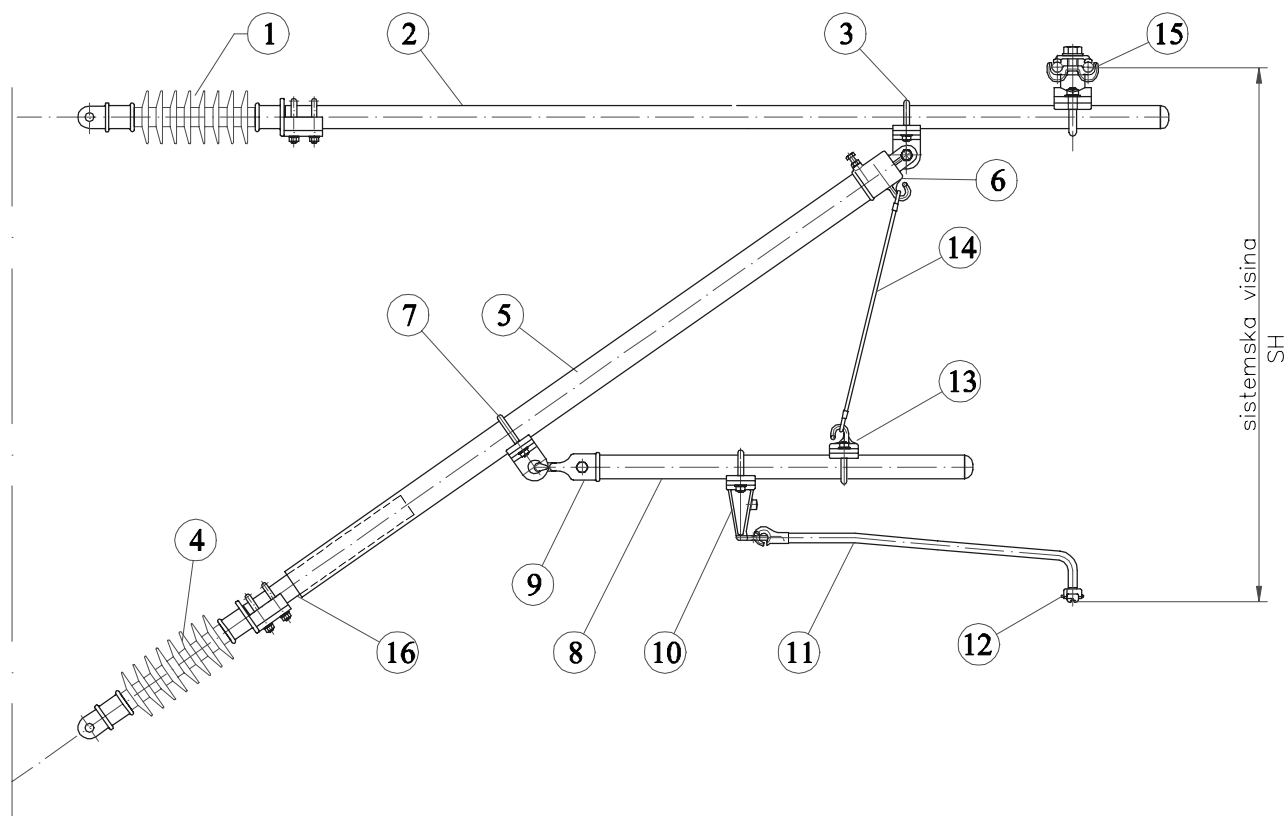


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end 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

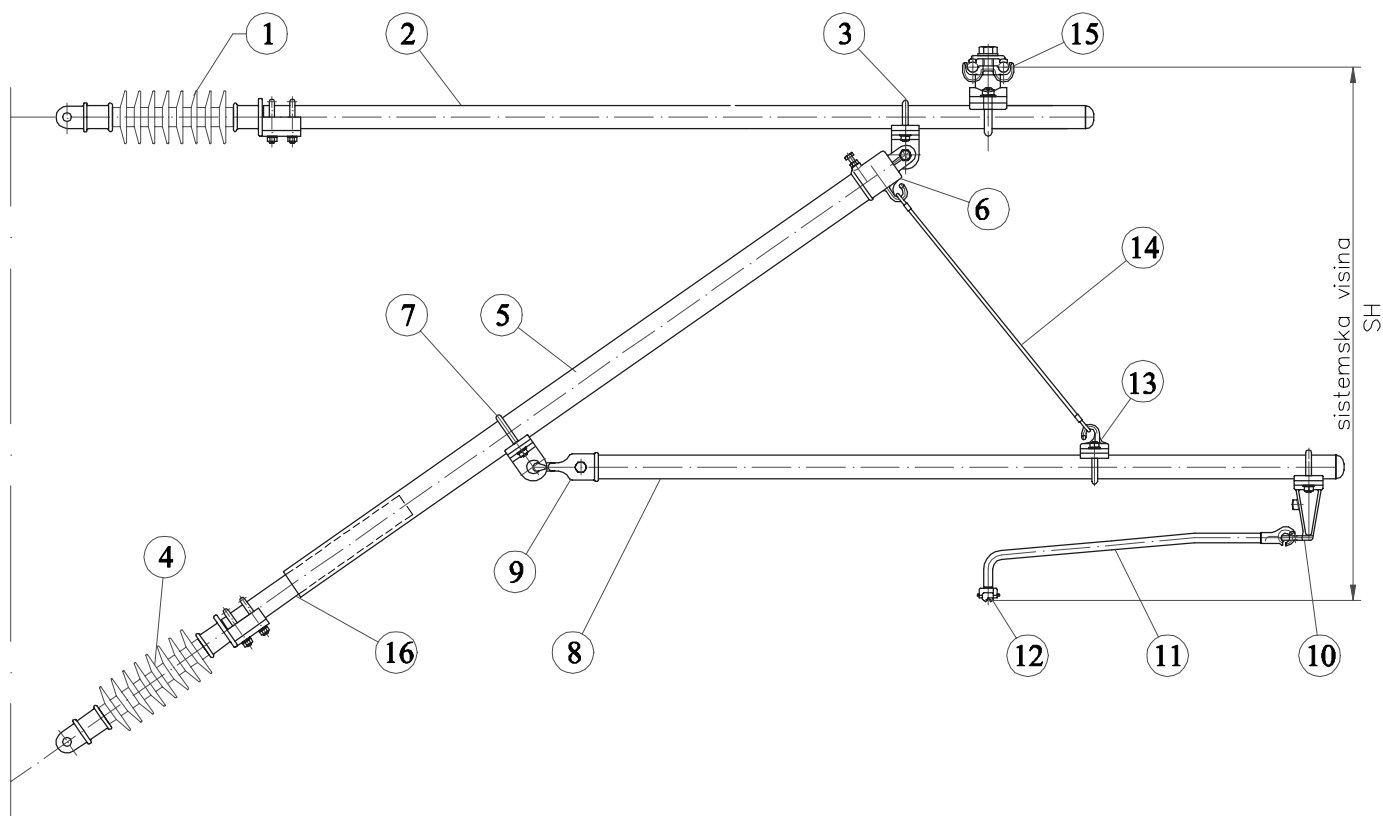
64.002.003A



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	Stežaljka 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	Stežaljka 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	Stežaljka kontaktnog vodiča za poligonator / Contact wire clip	64.257.500P
13	1	Stežaljka s kukom / Wire hook clamp	65.32.300
14	1	Uže vješaljke / Dropper wire	
15	1	Stežaljka 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

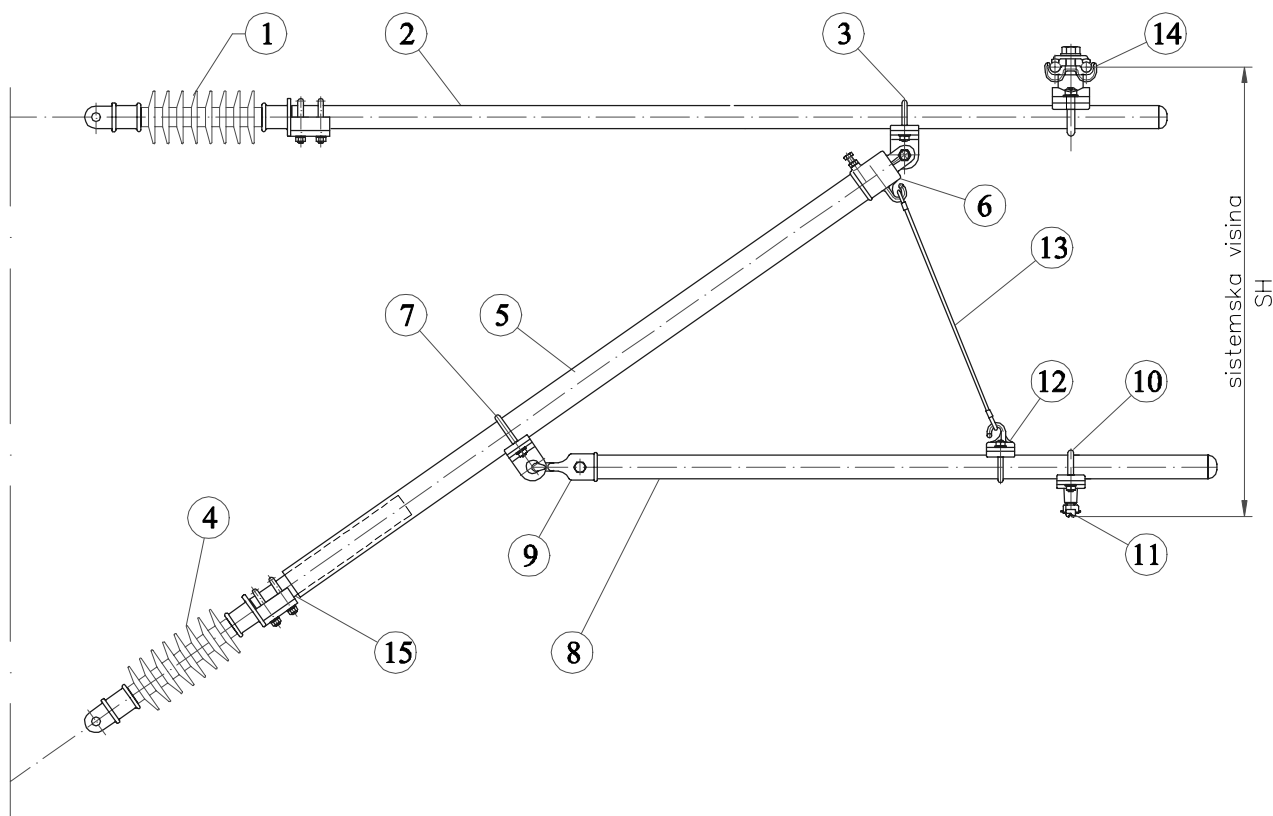
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Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	1	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø70x6 / Strut 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

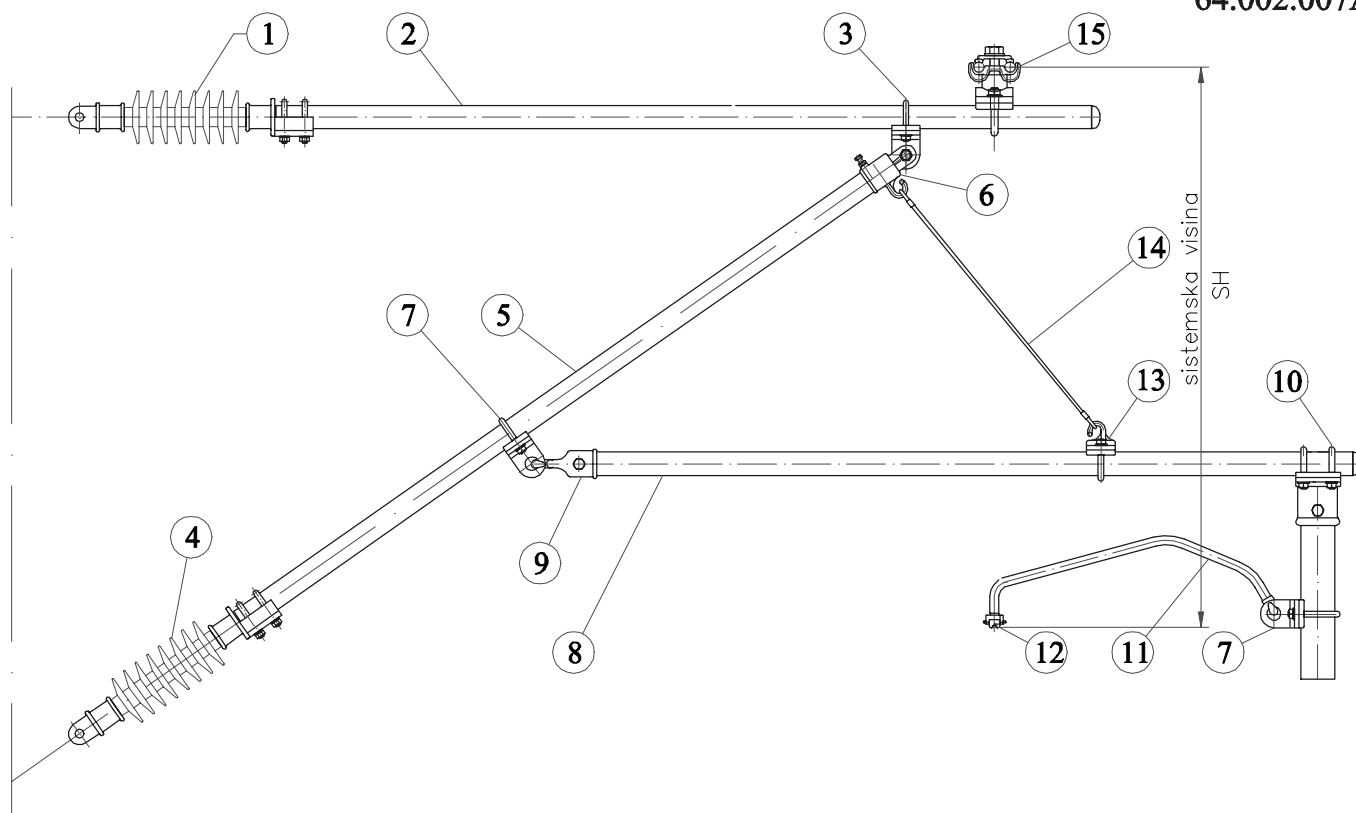
64.002.006A



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

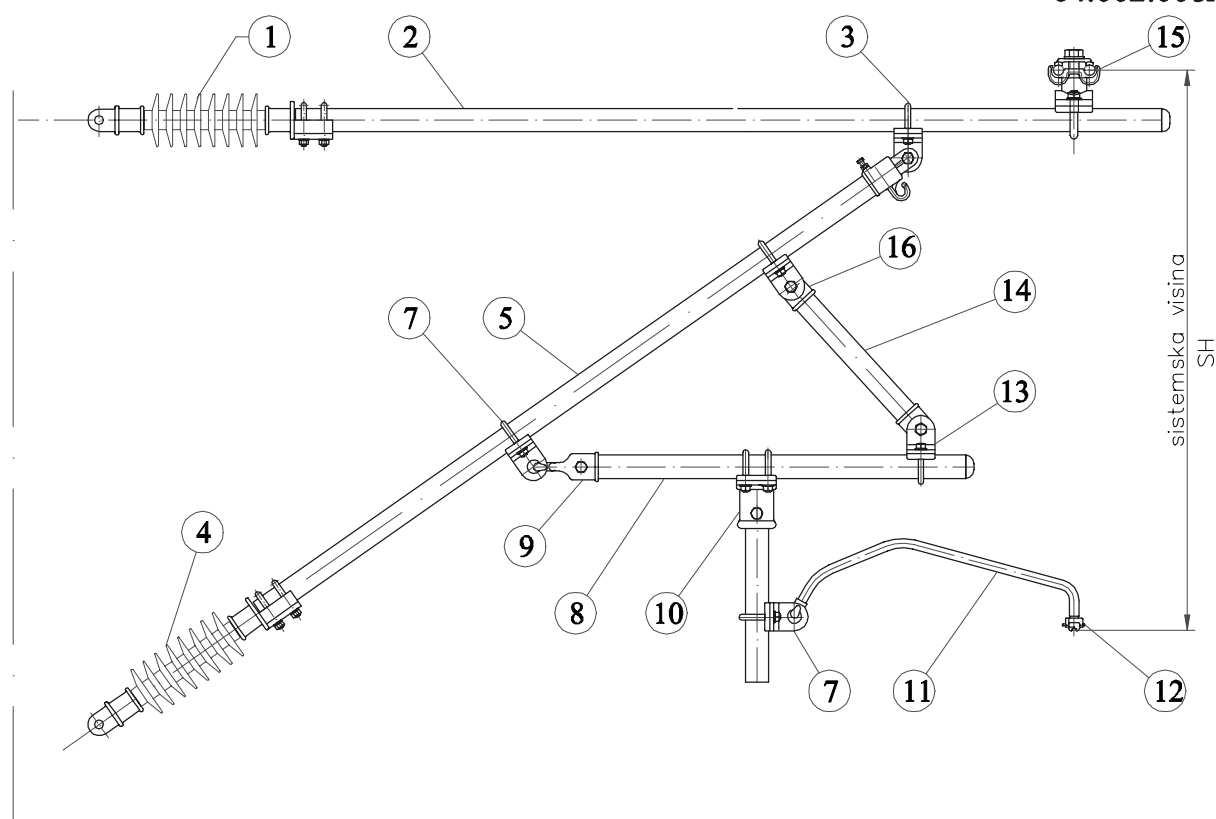


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Izolator potpore / Support insulator	
2	1	Cijev Ø55x6 / Tube Ø55x6	65.10.100
3	2	Stezaljka s očkom / Eye clamp	65.19.300
4	1	Izolator kosnika / Insulator	
5	1	Kosnik konzole Ø55x6 / Strut tube Ø55x6	65.10.100
6	1	Vilica za cijev / Clevis end 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

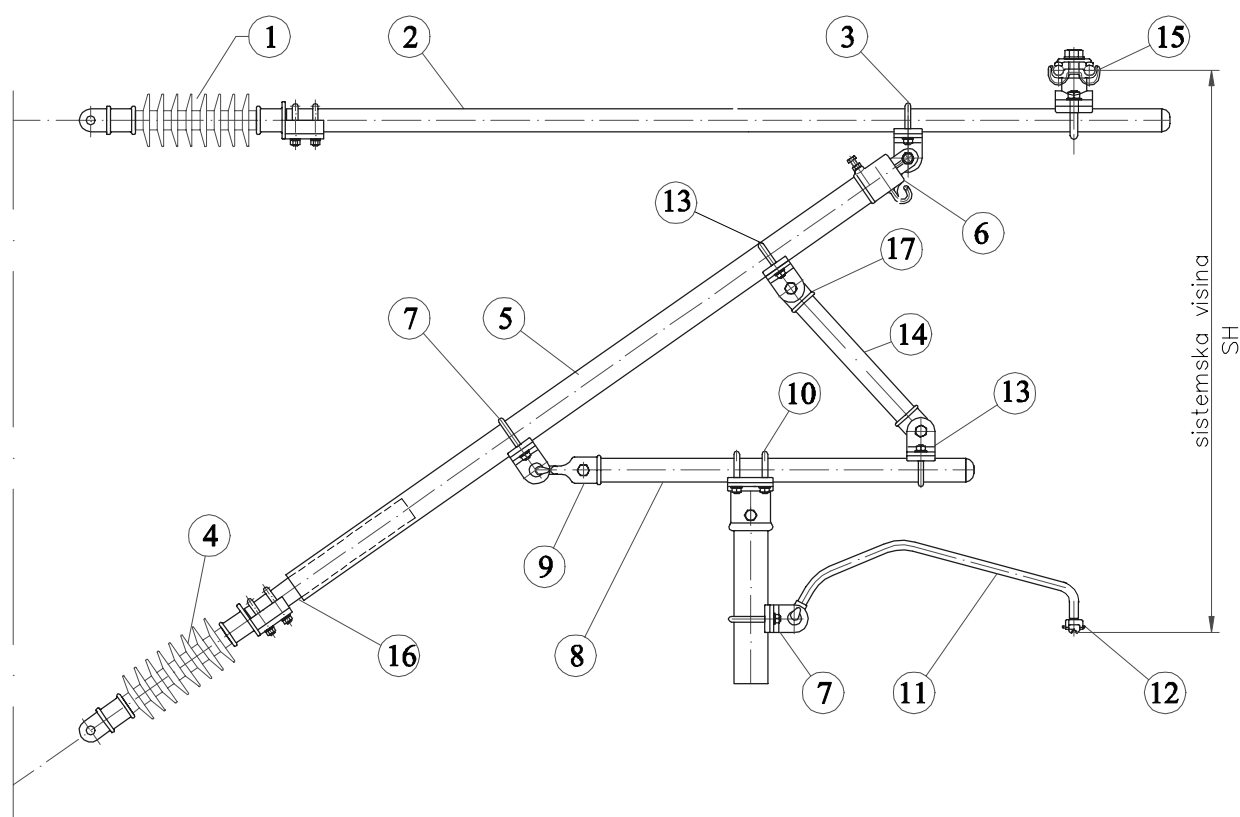
64.002.008A



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

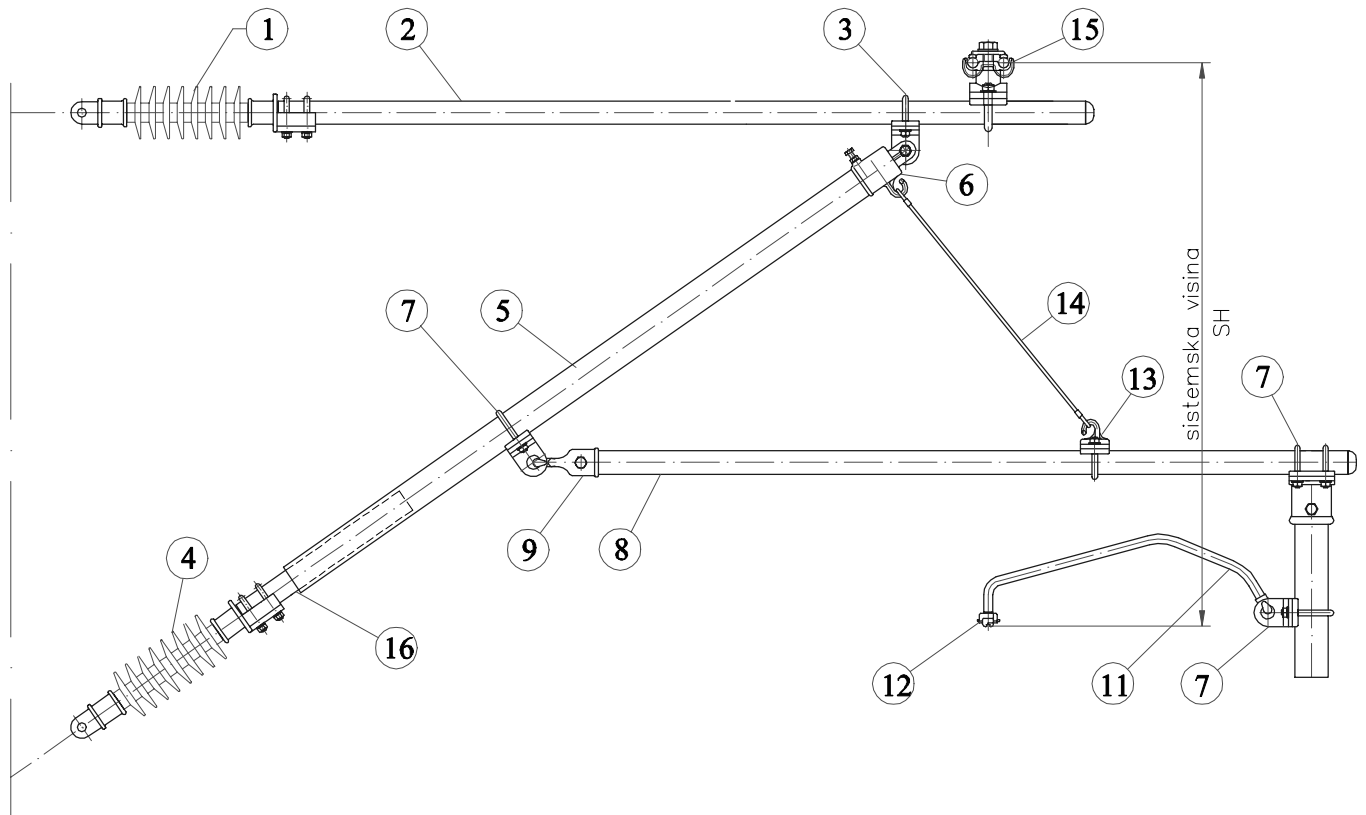
64.002.009A



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

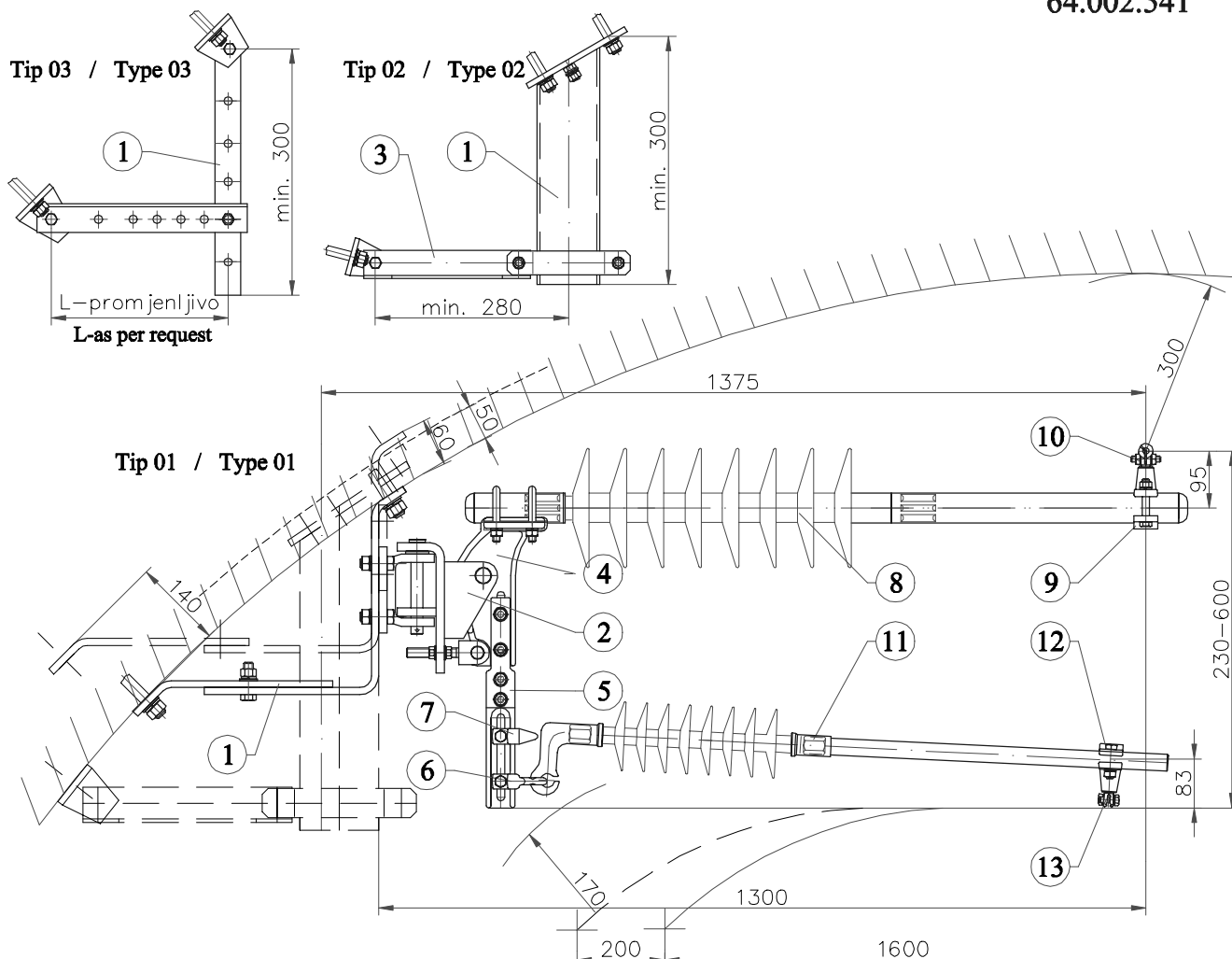
64.002.010A



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

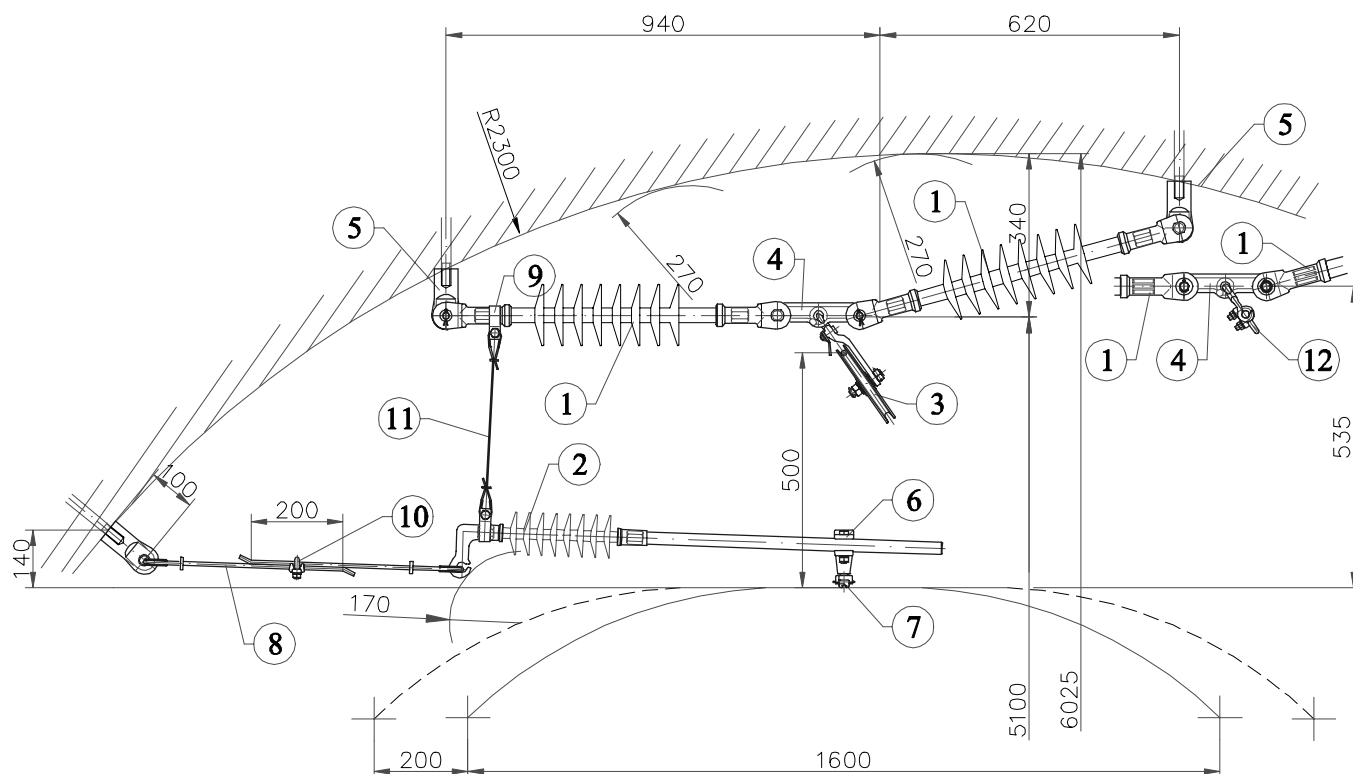
64.002.541



Poz Item	Kom/Pcs Tip/Type			Naziv sklopa Description	Kat.br. Cat.No.
	01	02	03		
1	1	0	0	Pločasti nosač/Plate support	64.164.300
	0	1	0	Profilni nosač U12 s potporom/Profile support	64.164.200
	0	0	1	Cijevni nosač/Tubular support	64.164.100
2	1	0	0	Zglobni pričvršnik za plosni nosač/Joint fastener	64.165.100
	0	1	0	Zglobni pričvršnik za profil U12/Joint fastener	64.165.000
	0	0	1	Zglobni pričvršnik za cijevni nosač/Joint fastener for tubular support	64.164.500
3	0	0	1	Potpura 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 limiter	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 užje / 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 support for nonactiv contact wire	64.257.400
13	1	0	0	Okretna stezaljka za kontaktni vodič / Contact wire swivel clip	64.257.500

**PRIČVRŠĆENJE TUNELSKJE KONZOLE ZA SVOD TUNELA NORMALNOG
PROFILA S "Y" OPREMOM**
TUNEL CANTILEVER "Y" TYPE

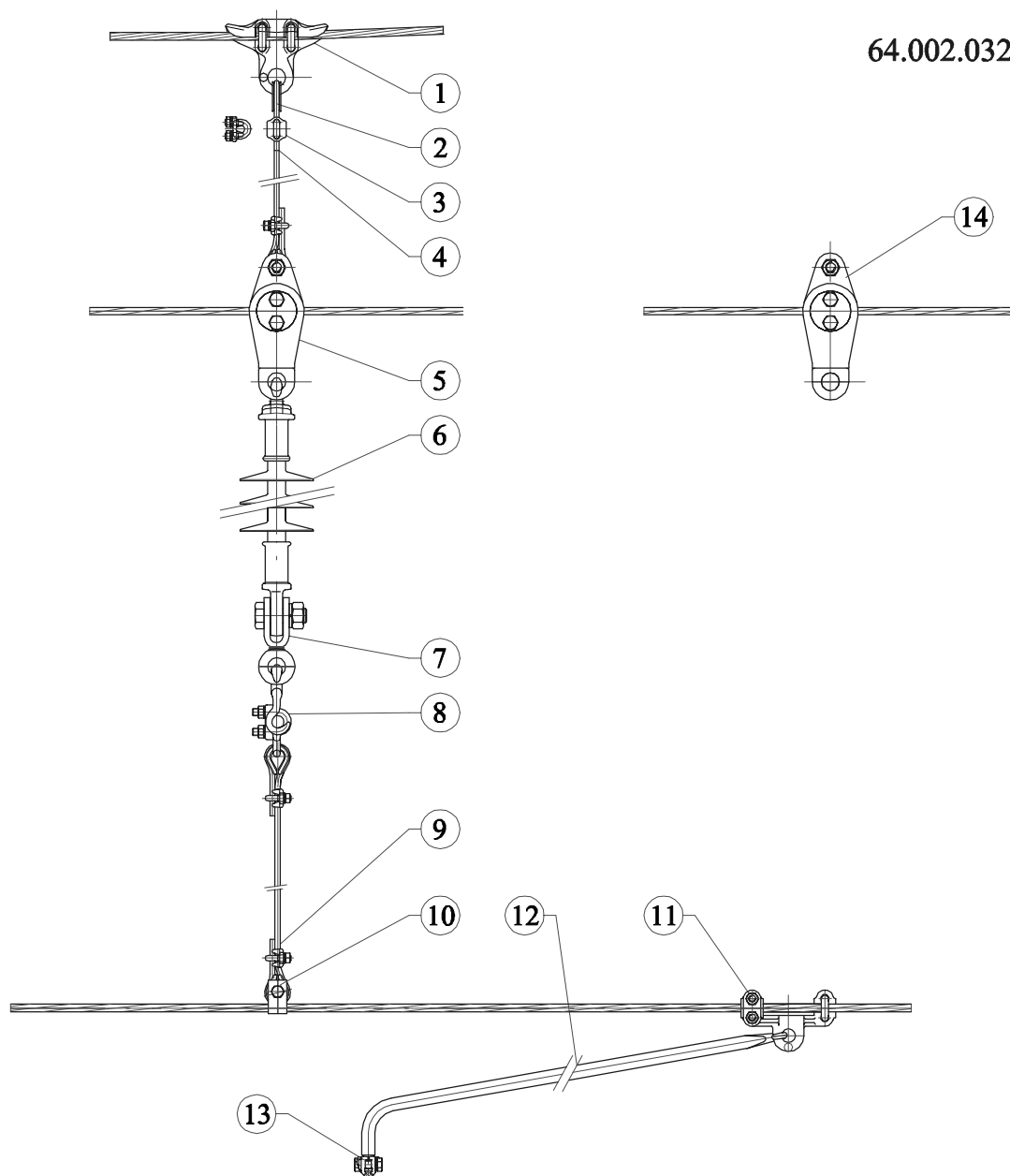
64.002.542



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 tunnels	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 kontakti 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 užje / Clamp with hook for catenary cable	64.250.500

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

64.002.032

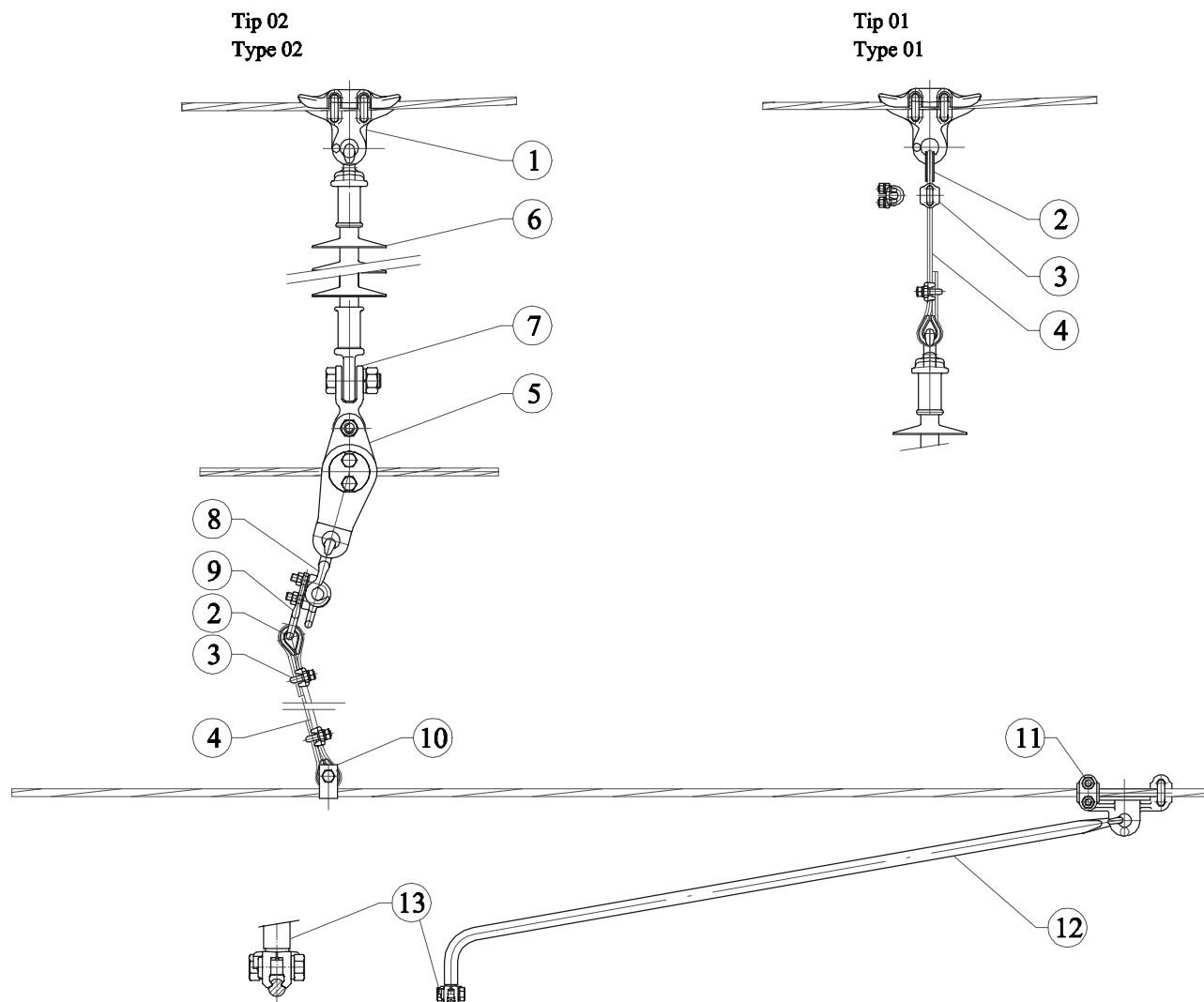


Poz. Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	4	Umetak omče 7 / Thimble 7	64.203.100P
3	4	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
4	1	Uže vješaljke Cu 16 / Dropper rope Cu 16	
5	1	Klizna stezaljka za jednostruko uže / 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 CONTACT NETWORK ON FLEXIBLE PORTALS

64.002.033



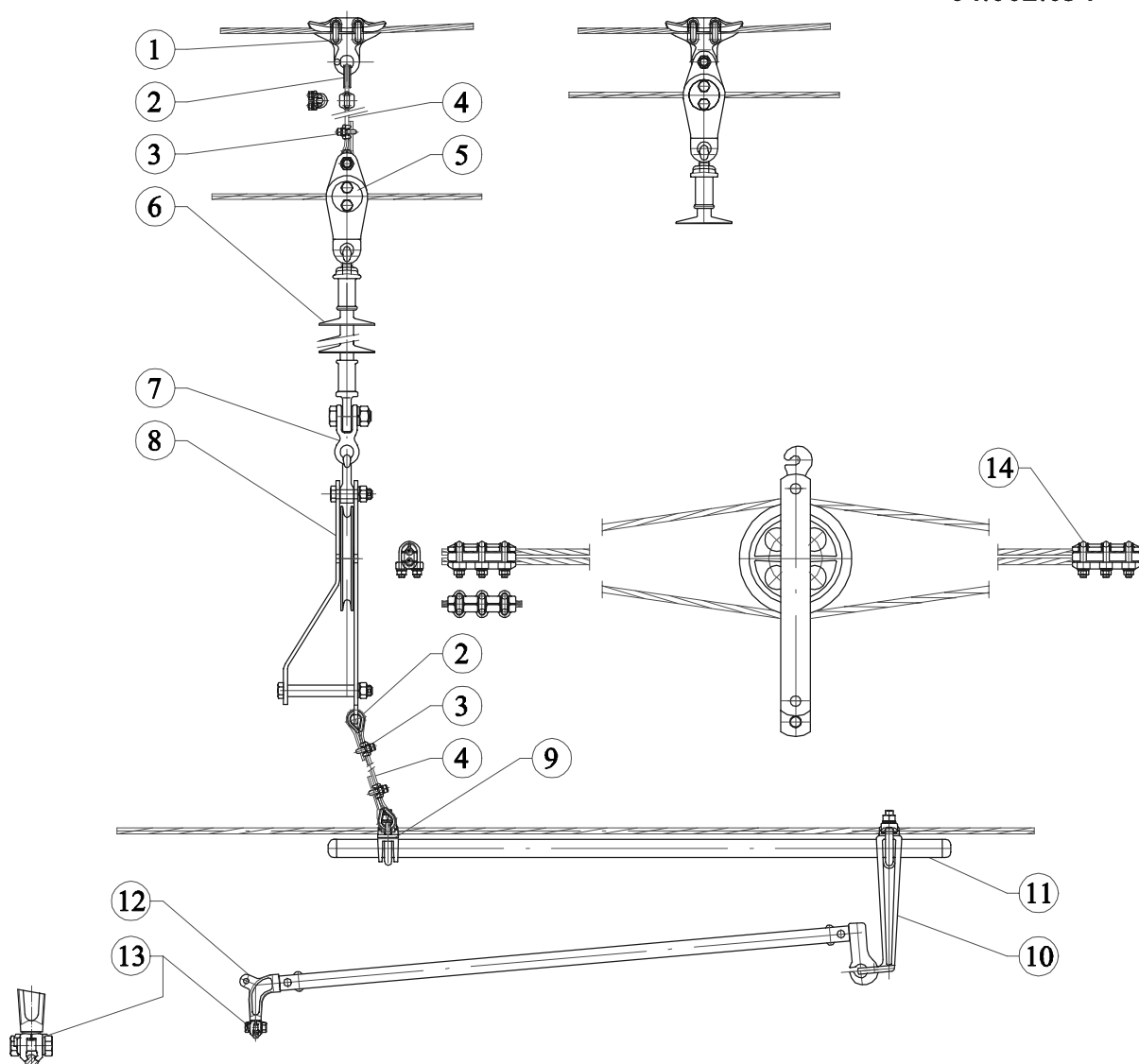
Poz Item	Kom Pcs		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
1	1	1	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	4	2	Umetak omče 7 / Thimble 7	64.203.100P
3	4	2	Stezaljka s "U" vijkom / Clamp with "U" bolt	64.201.700
4	2	1	Uže vješaljke Cu 16 / Dropper rope Cu 16	
5	1	1	Klizna stezaljka 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	Držać 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 CONTACT NETWORK ON FLEXIBLE PORTALS**

Tip 01 / Type 01

Tip 02 / Type 02

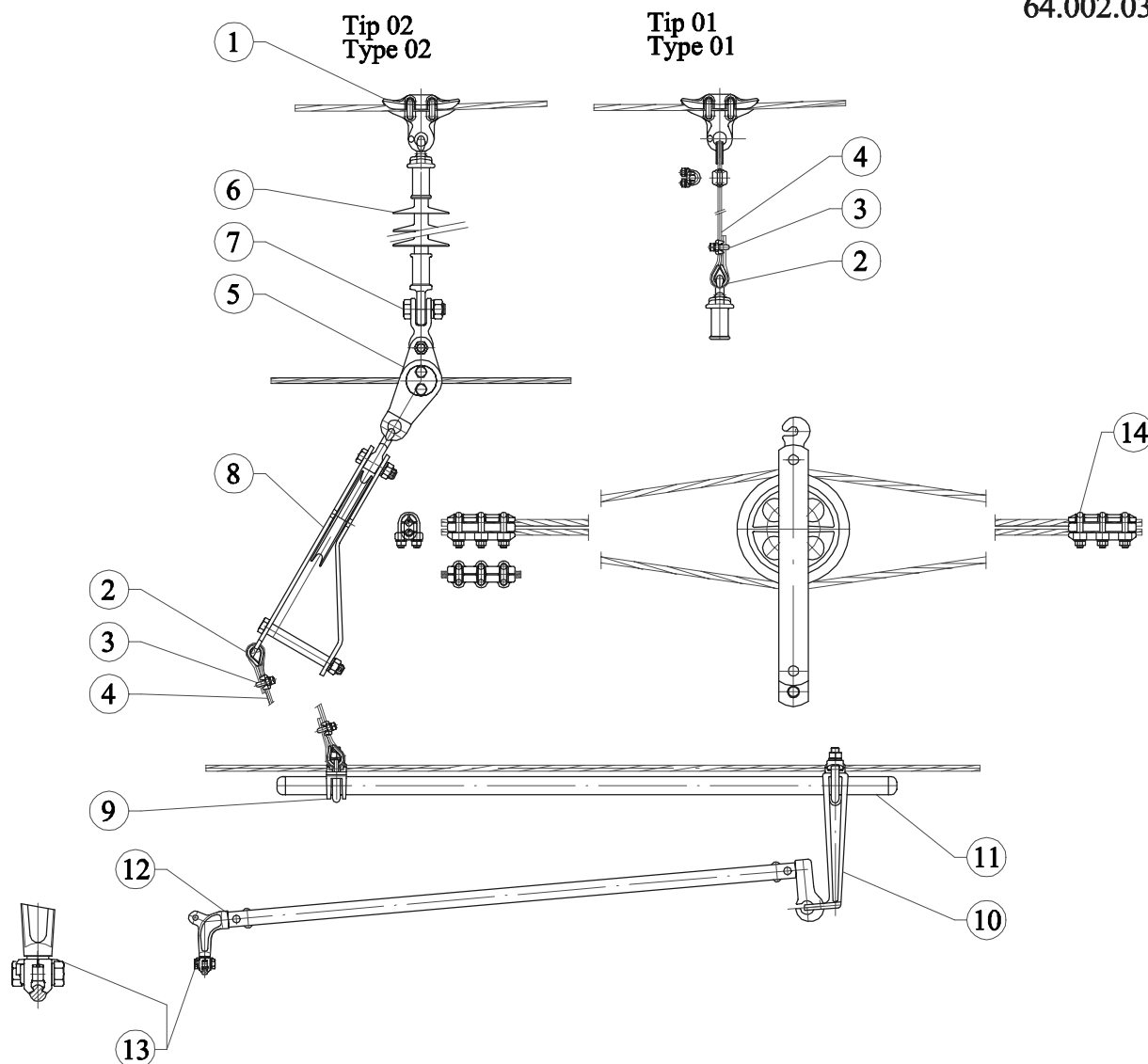
64.002.034



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 pulley	64.204.000P
9	1	1	Jaram nosača poligonatora / Yoke for steady arm	64.204.100B
10	1	1	Držać 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 CONTACT NETWORK ON FLEXIBLE PORTALS**

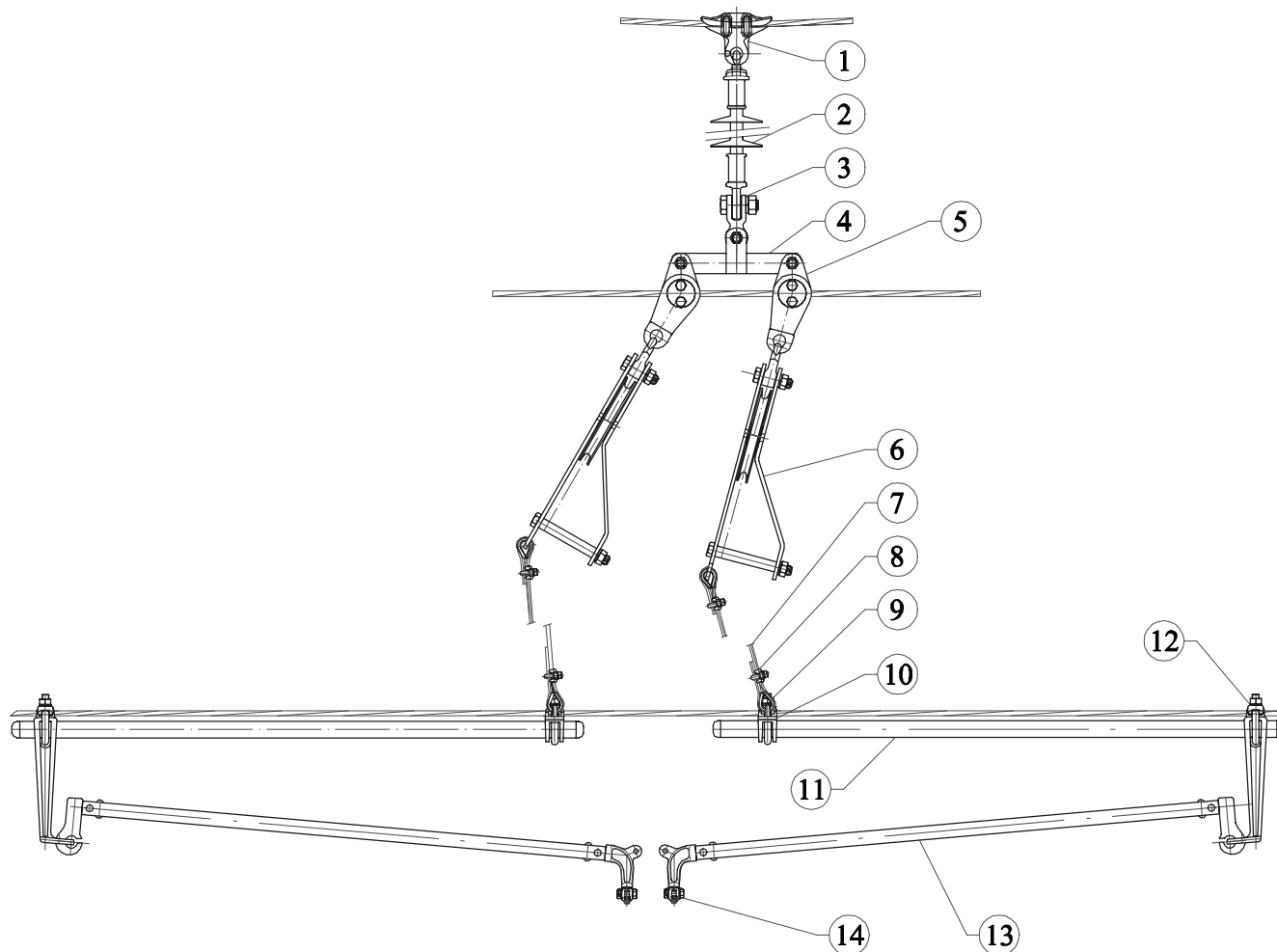
64.002.035



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
	02 01		
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

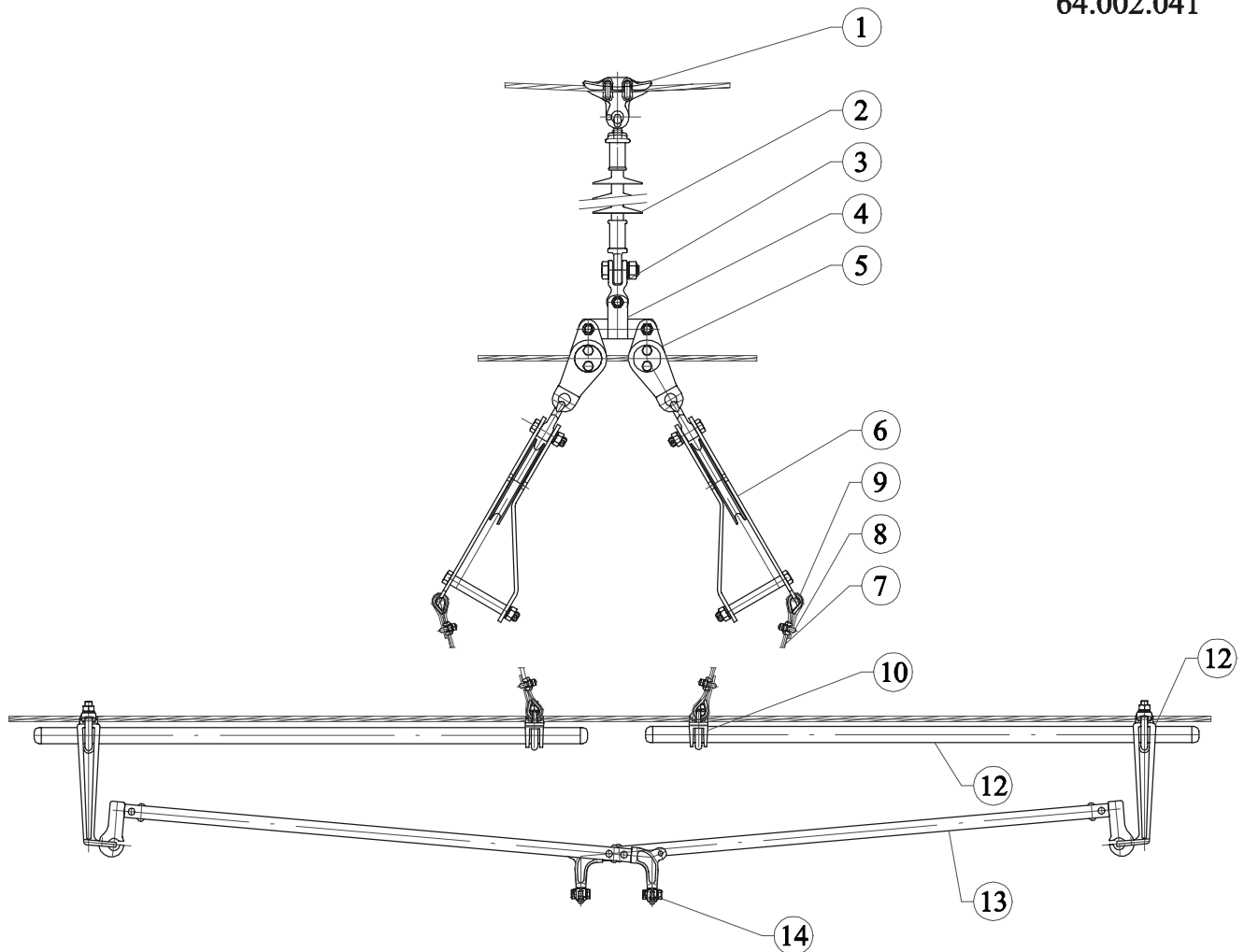
64.002.040



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Stežaljka 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 stežaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
6	2	Kotur nosivog užeta / Catenarry pulley	64.204.000P
7	2	Uže vješaljke Cu 16 / Dropper rope Cu 16	
8	4	Stežaljka 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	Držać poligonatora na GP / Steady arm fastener	43.64.177
12	2	Nosač poligonatora na GP / Steady arm support	64.204.300B
13	2	Poligonator za GP / Steady arm	64.205.700
14	2	Stežaljka 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

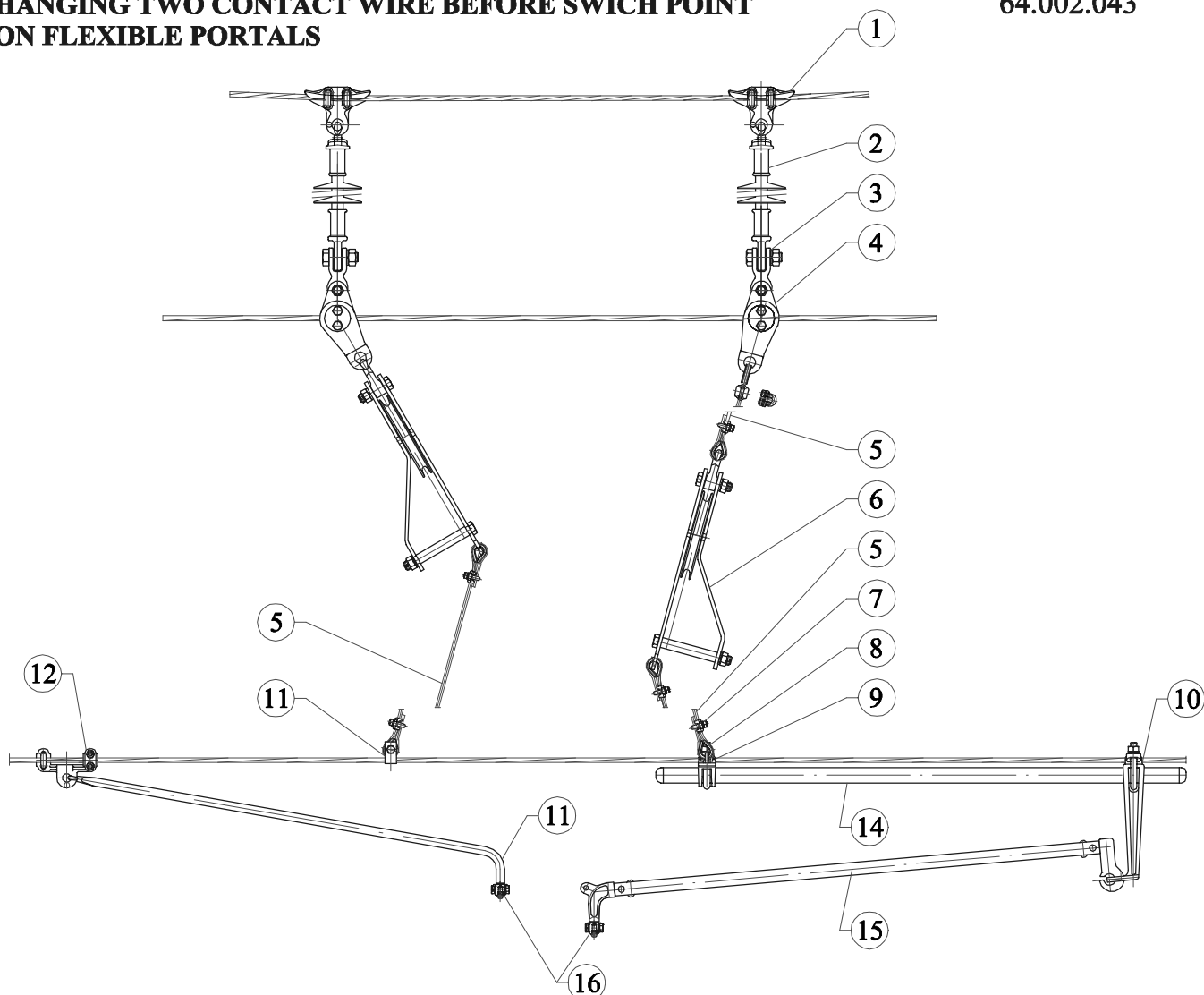
64.002.041



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 pulley	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	Držać 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**

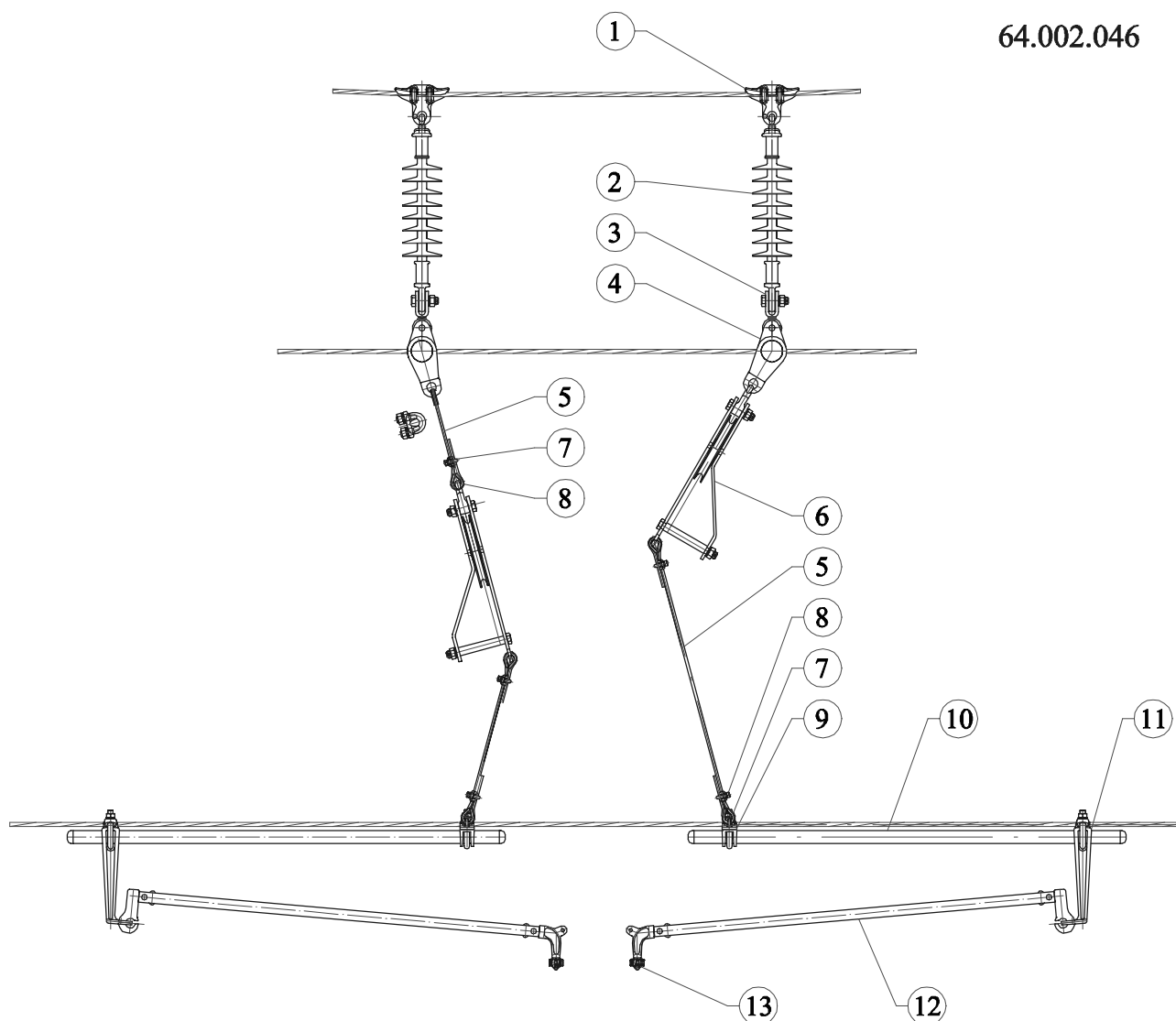
64.002.043



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Stežaljka 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 stežaljka 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 pulley	64.204.000P
7	6	Stežaljka 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	Držać poligonatora na / Steady arm fastener	64.204.300B
11	1	Stežaljka donjeg užeta / Clamp for bottom wire	64.500.460
12	1	Držać poligonatora na GP / Steady arm fastener	64.203.600B
13	1	Poligonator za GP / Steady arm	64.203.700
14	1	Nosač poligonatora na GP / Steady arm support	43.64.177
15	1	Poligonator za GP / Steady arm	64.205.700
16	2	Stežaljka 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



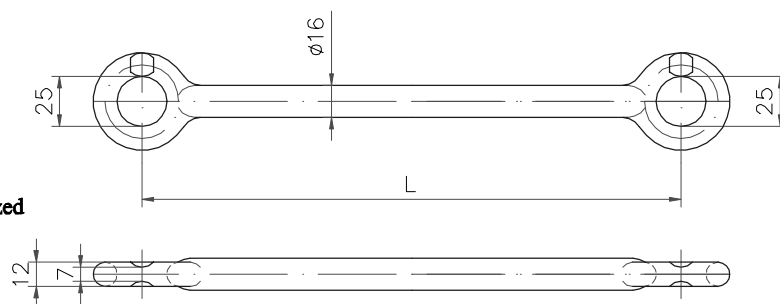
Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Stezaljka s prstenom / Clamp with ring	64.203.000B
2	2	Izolator zatege / Suspension insulator	
3	2	Vilica s prstenom / Clevis with ring	43.64.204
4	2	Klizna stezaljka za jednostruko uže / Sliding clamp for single rope	64.203.200V
5	3	Uže vješaljke Cu 16 / Dropper rope Cu 16	
6	2	Kolotura nosivog užeta / Catenarry pulley	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 / Steady arm support	43.64.177
11	2	Držač poligonatora / Steady arm fastener	64.204.300B
12	2	Poligonator za GP / Steady arm	64.205.700
13	2	Stezaljka KP za poligonator / Swivel clip	64.257.500P

ZATEGA TOP TIE ROD

64.200.200

Materijal: kovani čelik DIN 17200, vruće pocinčan

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

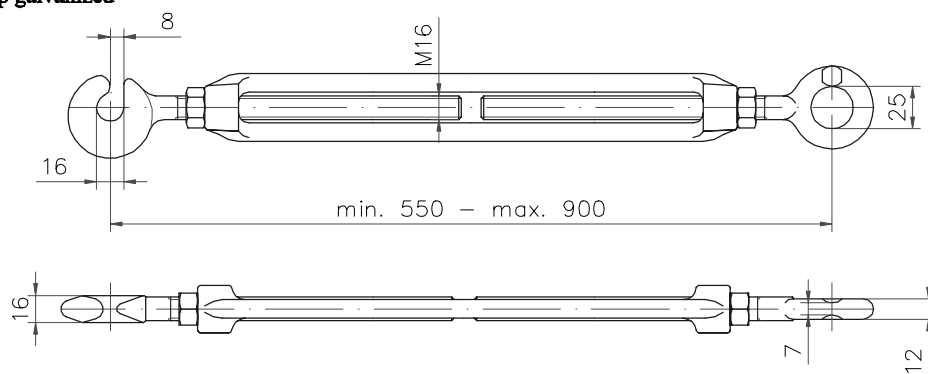
64.200.350

Materijal: kovani čelik DIN 17200, vruće pocinčan

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

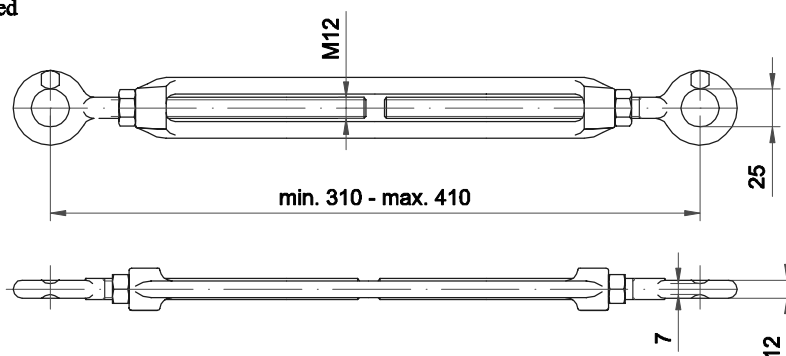
43.64.190

Materijal: kovani čelik DIN 17200, vruće pocinčan

Masa: 1,10 kg

Material : drop forged steel DIN 17100, hot dip galvanized

Mass: 1,10 kg

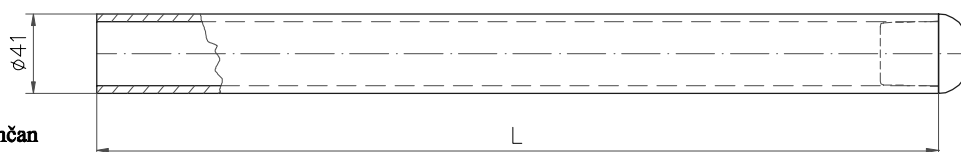


KOSNIK KONZOLE 41/33 STRUT TUBES 41/33

64.200.600

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



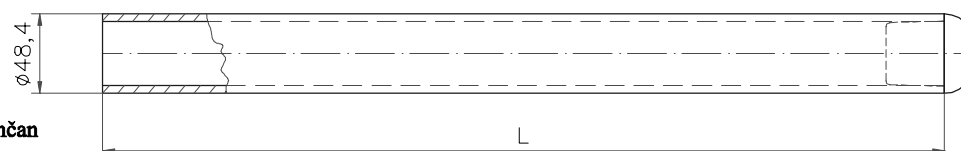
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length L [mm]	2100	2250	2400	2500	2600	2700	2850	3000	3150	3300	3450	1700	1950	3700
Masa / Mass [kg]	8,40	8,85	9,45	9,85	10,20	10,60	11,20	11,80	12,35	11,80	13,45	6,70	7,70	14,45

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



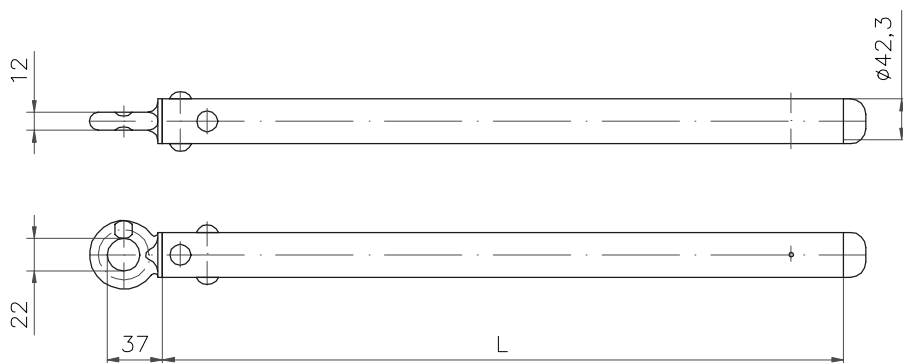
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length L [mm]	1100	1300	1500	1700	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700
Masa / Mass [kg]	2,25	2,60	3,00	3,30	3,70	4,10	4,40	4,75	5,10	5,50	5,80	6,20	6,50	6,90

NOSAČ POLIGONATORA REGISTER ARM TUBE

65.202.200

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



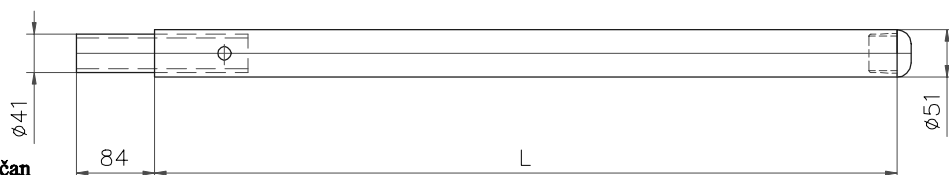
Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	R	T
Dužina / Length L [mm]	1700	2000	3200	3300	3500	2100	2200	2700	2900	3100	2800	3300	1800	1400
Masa / Mass [kg]	6,82	7,96	12,53	12,91	13,68	8,34	8,72	10,63	5,10	12,15	11,01	6,20	7,20	5,68

KOSNIK KONZOLE 51/41 STRUT TUBE 51/41

64.202.000

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized



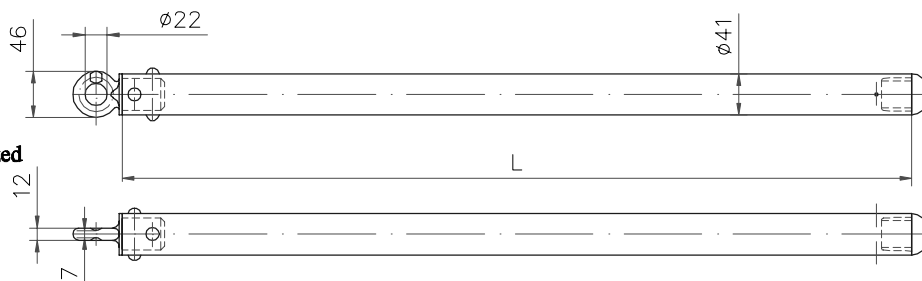
Tip / Type	A	B	C	D	E	F	G	H	I	K	L	M	R	U	V	W	X	Y	Z
Dužina / Length L [mm]	2016	2166	2316	2416	2516	2616	2766	2916	3050	3066	3216	3366	1866	3616	3700	3800	3816	3850	3900
Masa / Mass [kg]	10,70	11,45	12,10	12,60	13,10	13,60	14,40	15,10	18,50	15,80	16,60	17,30	9,90	19,20	19,60	20,10	20,20	20,40	20,60

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

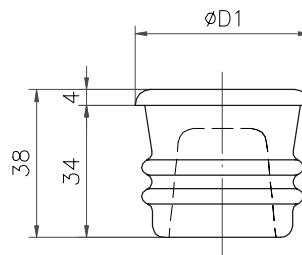


Tip / Type	A	B	C	D	E	F	G	H	K	L	M	N	P	R
Dužina / Length L [mm]	1100	1300	1500	1700	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700
Masa / Mass [kg]	4,4	5,2	6,0	6,8	7,6	8,4	9,2	10,0	10,8	11,6	12,4	13,2	14,0	14,8

CEP CIJEVI STOPPER

65.142.800

Materijal: PVC
Material : PVC

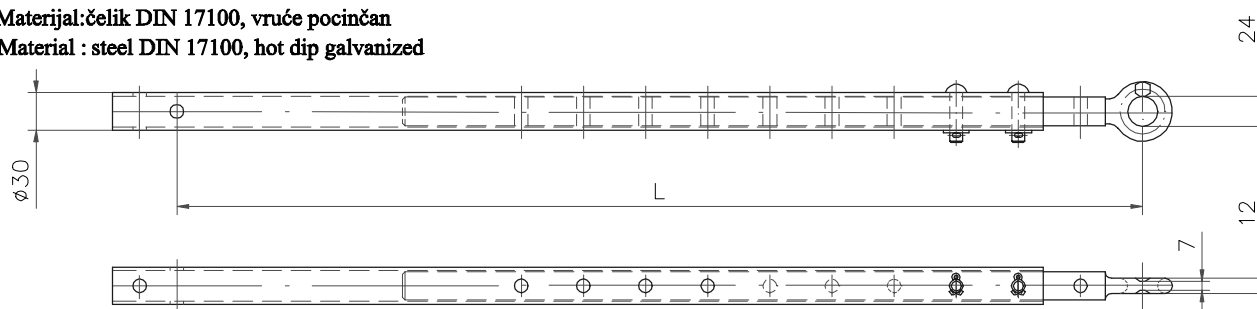


Tip / Type	A	B	C	D	E	F	G
Za cijev / For tube [mm]	Ø30x2,5	Ø33x4	Ø41x4	Ø42,4x4	Ø48,4x4	Ø51x4,5	Ø51x6
ØD1 [mm]	Ø30	Ø33	Ø41	Ø42,4	Ø48,4	Ø51	Ø51

PODESIVA POTPORA ADJUSTABLES TOP STRUTS

64.202.600

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

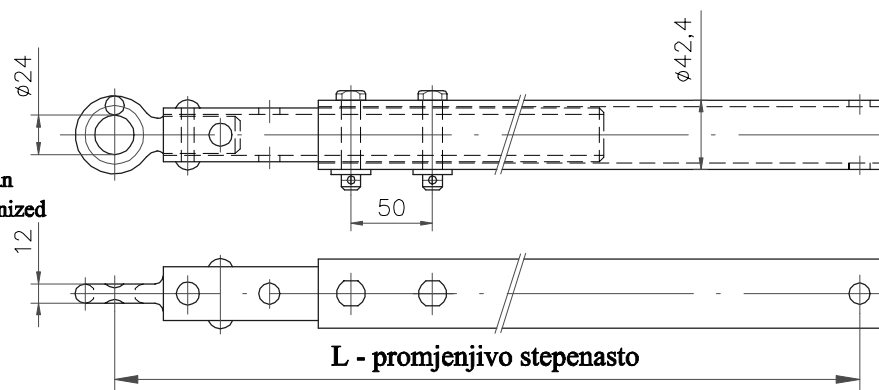


Tip / Type	A	B	C	D	E	F	G	H	K	R	S
Dužina / Length L [mm]	1100	1300	1500	1700	1900	2100	2300	2500	2700	800	950
Masa / Mass [kg]	3,45	4,48	4,84	5,18	5,58	5,90	6,30	5,20	7,00	3,60	3,35

PODESIVE POTPORE ADJUSTABLES TOP STRUTS

43.64.194

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

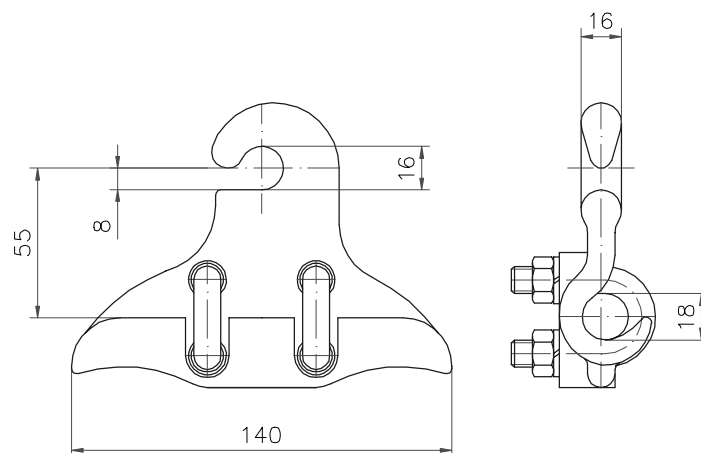


Tip / Type	A	B	C	D	E	F	G	H	K
Dužina / Length L [mm]	1200	1300	1400	1500	1600	1700	1800	1900	2000
Masa / Mass [kg]	6,65	7,05	7,50	7,80	8,20	8,60	8,95	9,40	9,75

STEZALJKA S KUKOM ZA NOSIVO UŽE CATENARY SUSPENSION CLAMP

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

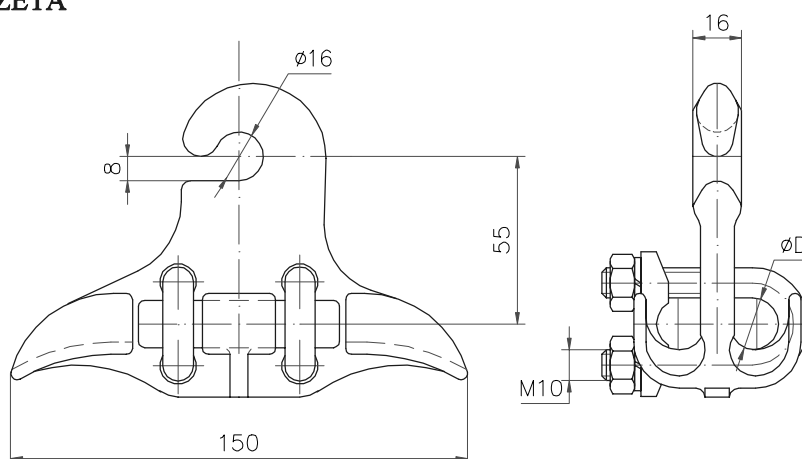
Kat. br. Cat. No.	Dimenzije Dimensions D [mm]	Masa Mass [kg]
64.200.500	18	0,89
64.200.550	14	0,92



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

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

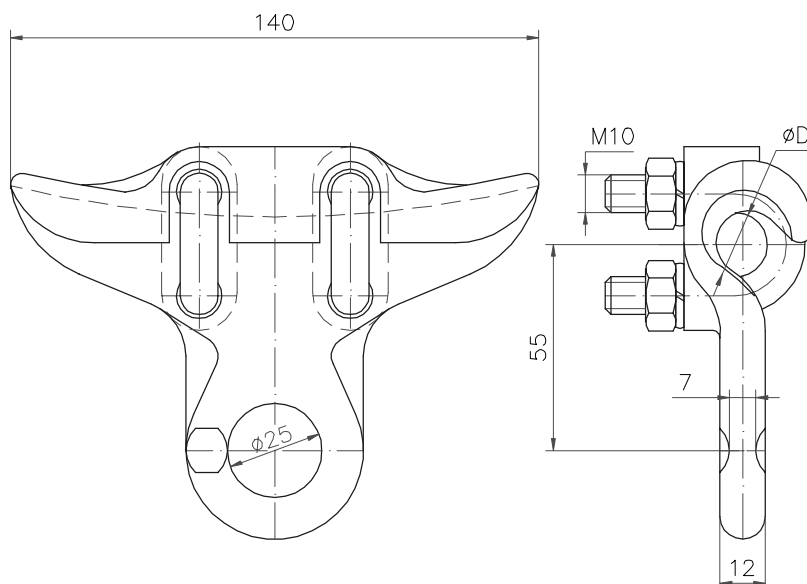
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.202.900B	17	1,27
64.202.950B	14	1,30



STEZALJKA S U VIJCIMA I PRSTENOM CABLE CLAMP WITH EYE

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

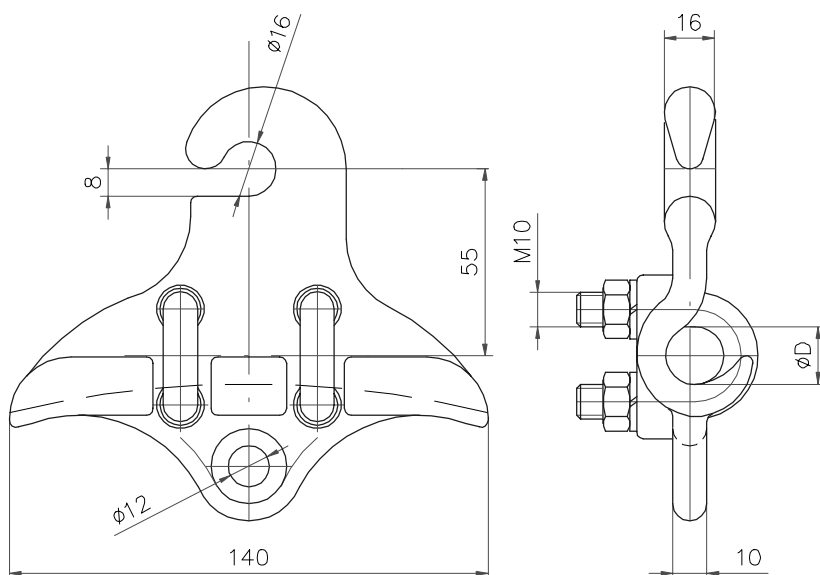
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.203.000B	17	1,05
64.203.050B	14	1,12



STEZALJKA S KUKOM ZA NOSIVO UŽE CATENARY SUSPENSION CLAMP

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

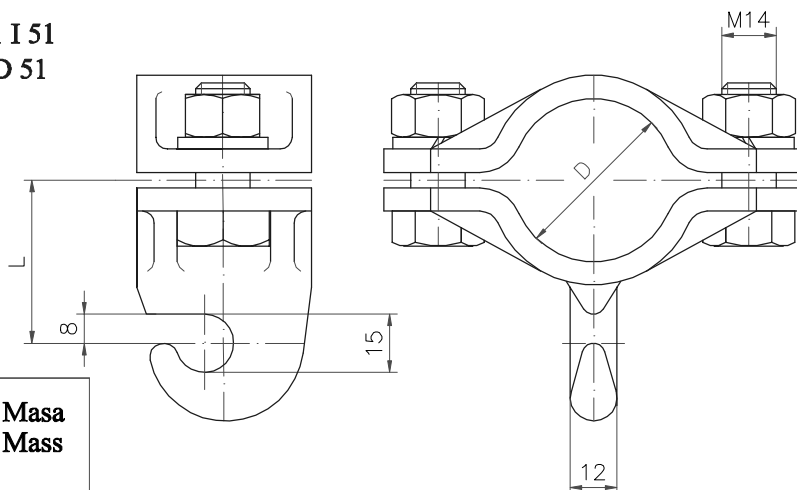
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
64.250.500	17	0,79
64.250.550	14	0,83



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

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

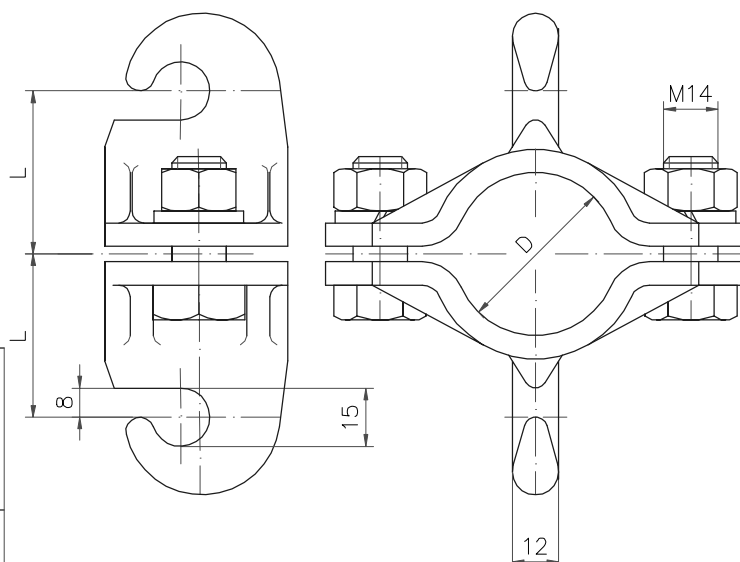
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass [kg]
		D [mm]	L [mm]	
64.200.700	41	41	40	0,74
64.202.100	51	51	44	0,78



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

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

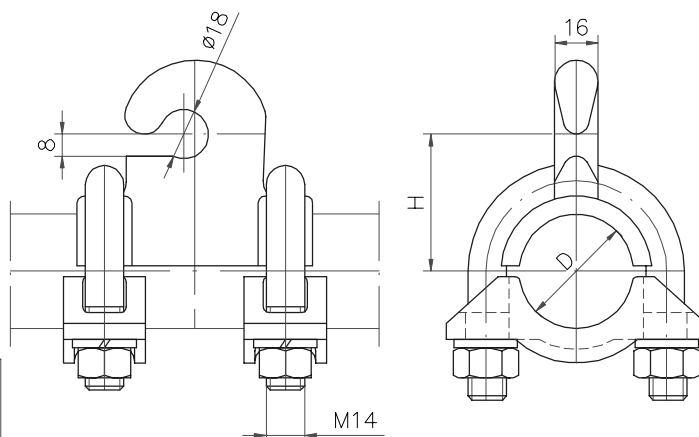
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass [kg]
		D [mm]	L [mm]	
64.200.750	41	41	40	0,91
64.202.150	51	51	44	0,96



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

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

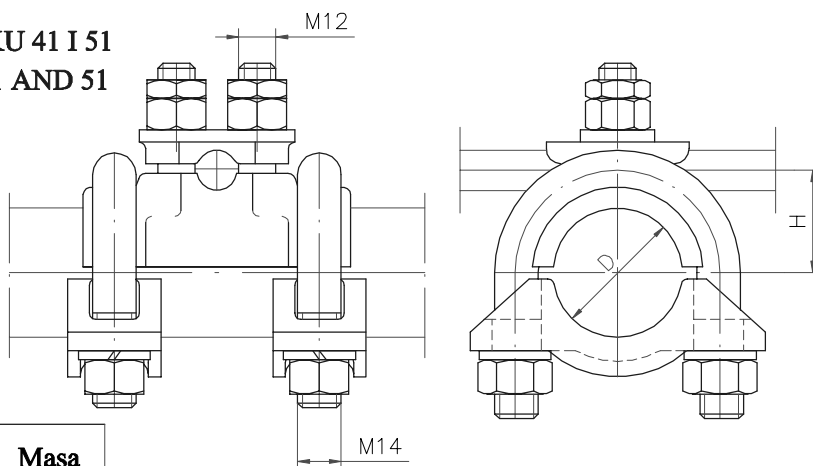
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass
	H [mm]	D	
64.204.800	50	Ø41	1,53
64.205.000	52	Ø51	1,80



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

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

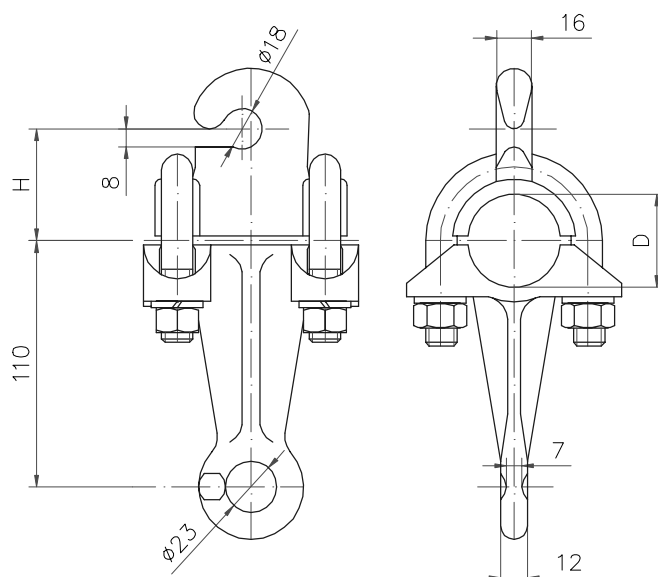
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass
	H [mm]	D	
64.204.900	33	Ø41	1,80
64.205.100	38	Ø51	2,12



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		Masa Mass
		H [mm]	D	
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

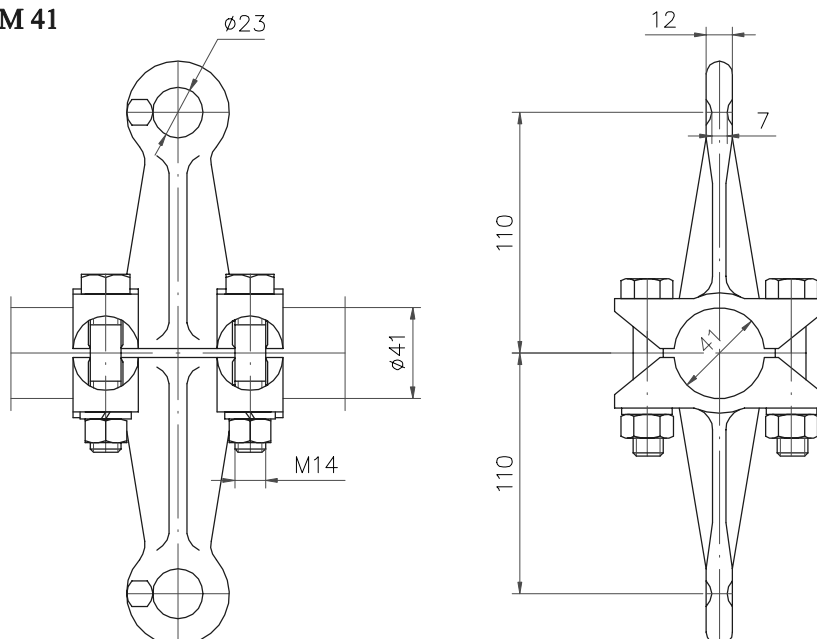
64.205.300

Materijal: aluminijaska bronca, DIN17656/17665

Masa: 12,33 kg

Material : aluminium bronze, DIN 17656/17665

Mass: 12,33 kg



STEZALJKA S OËKOM CLAMP WITH RING

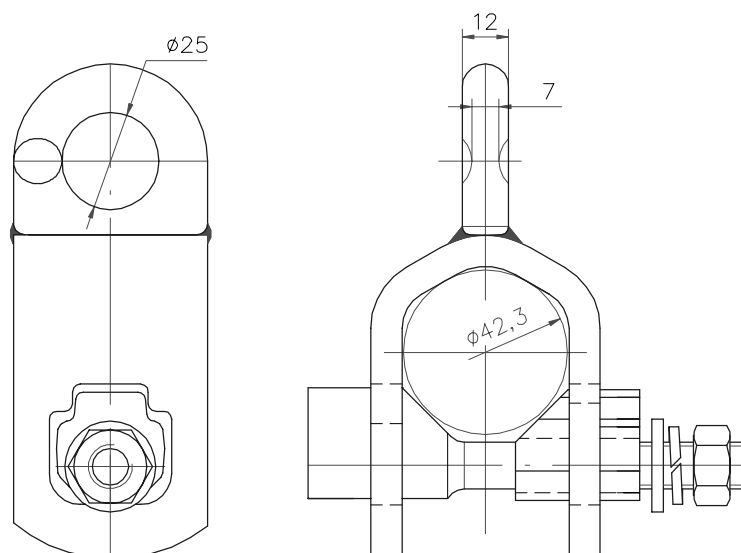
43.64.180

Materijal:  elik, DIN17100 vru e pocin an

Masa: 0,90 kg

Material : steel, DIN 17100 hot dip galvanized

Mass: 0,90 kg



STEZALJKA S KUKOM CLAMP WITH HOOK

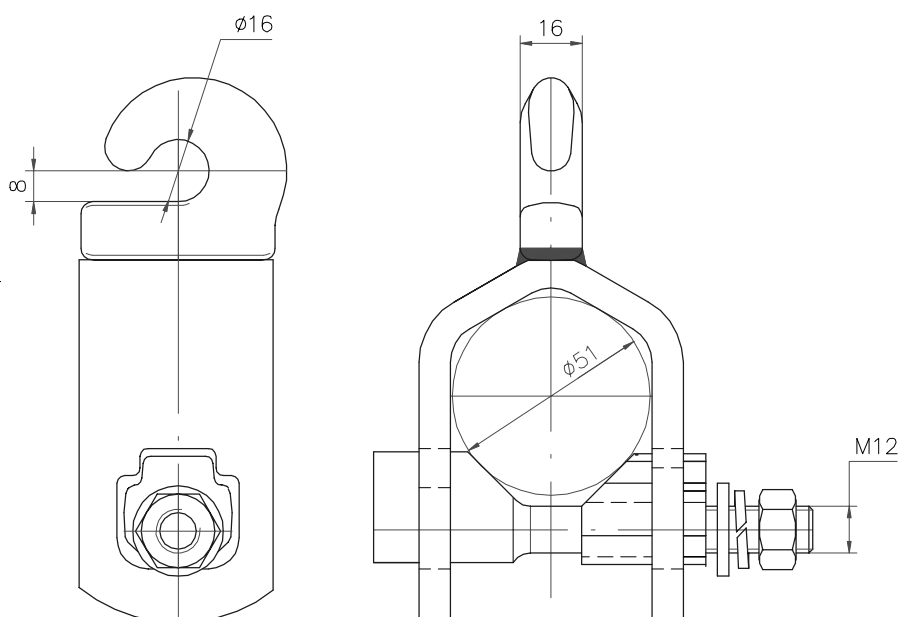
43.64.181

Materijal:  elik, DIN17100 vru e pocin an

Masa: 1,03 kg

Material : steel, DIN 17100 hot dip galvanized

Mass: 1,03 kg



STAZALJKA S BATIĆEM CLAMP WITH BALL

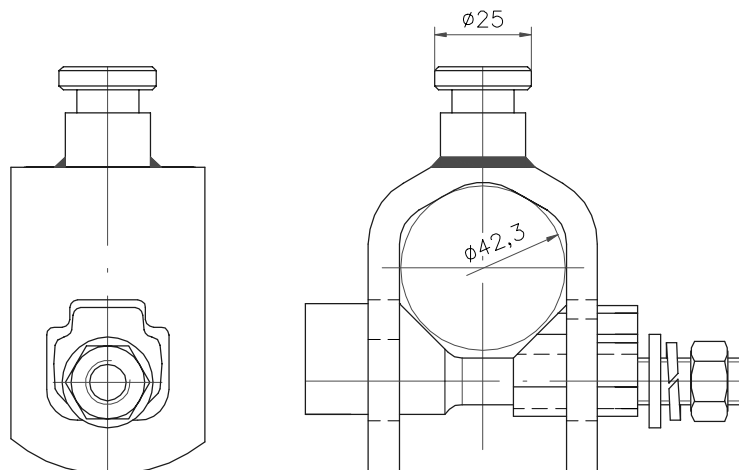
43.64.182

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

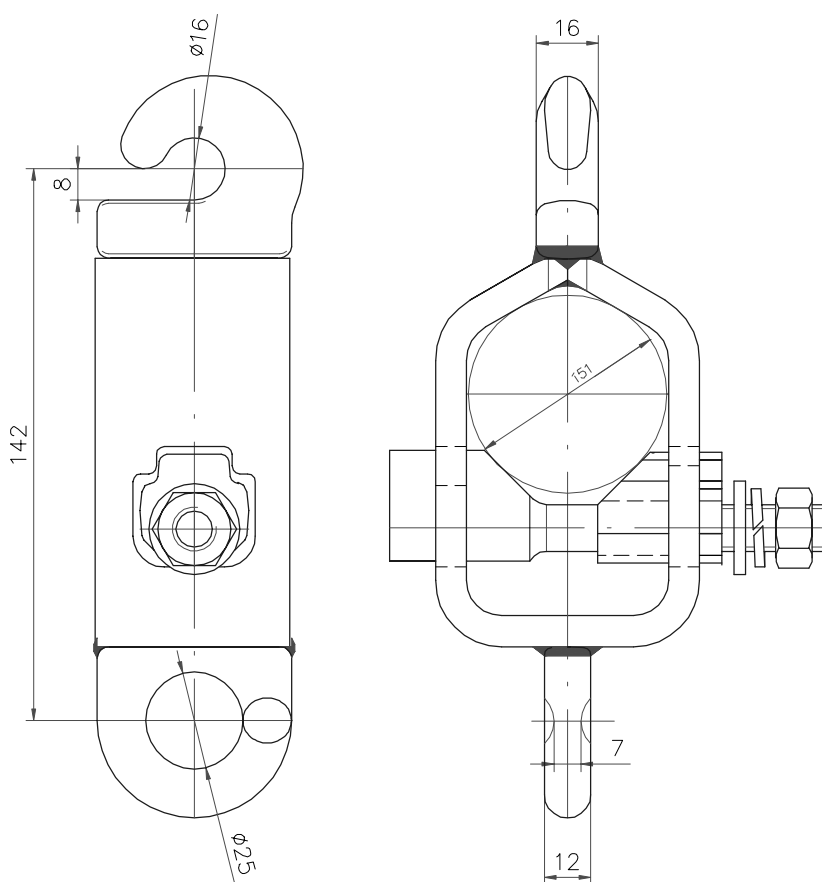
43.64.183

Materijal: čelik, DIN17100 vruće pocinčan

Masa: 1,30 kg

Material : steel, DIN 17100 hot dip galvanized

Mass: 1,30 kg

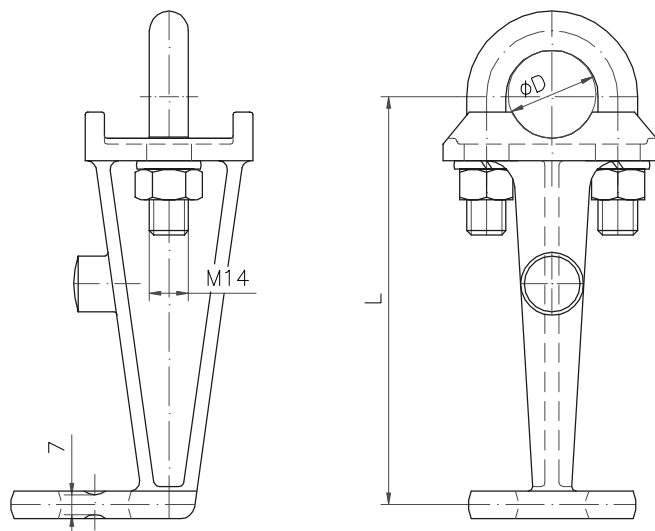


DRŽAČ POLIGONATORA 30, 41 I 51 DROP BRACKET FOR TUBE 30, 41 AND 51

Materijal: aluminijaska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		D [mm]	L [mm]	
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

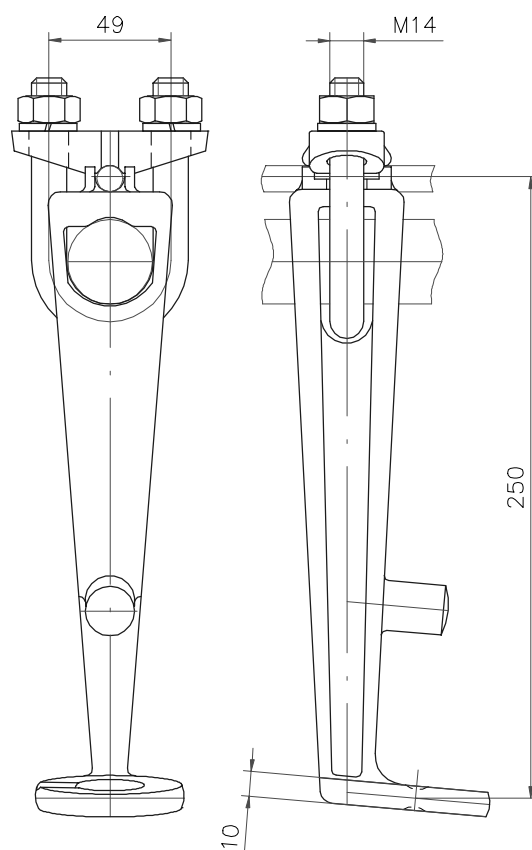
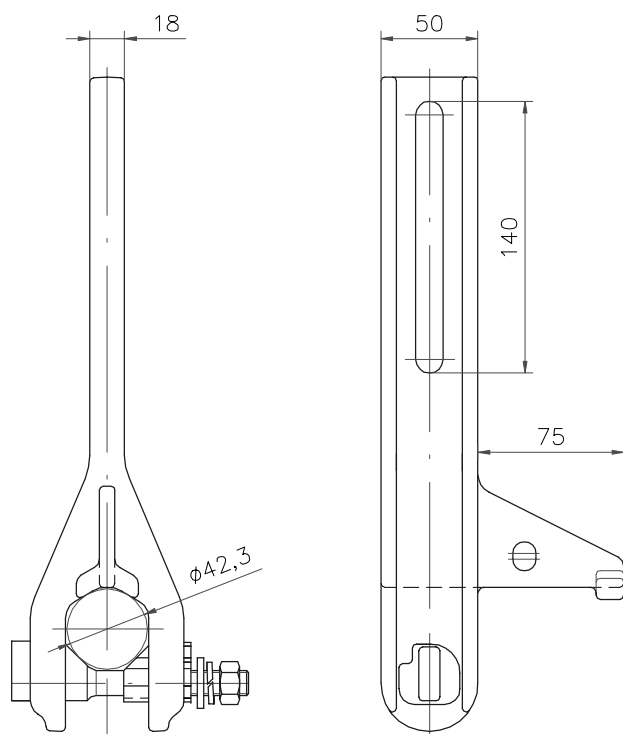
64.204.300B

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 1,24 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 1,24 kg



DRŽAČ POLIGONATORA STEADY ARM SUPPORT

43.64.193

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 1,90 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 1,90 kg

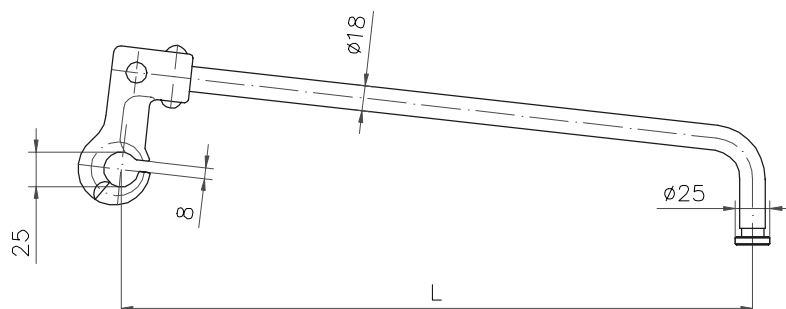
POLIGONATOR STEADY ARM ROD

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



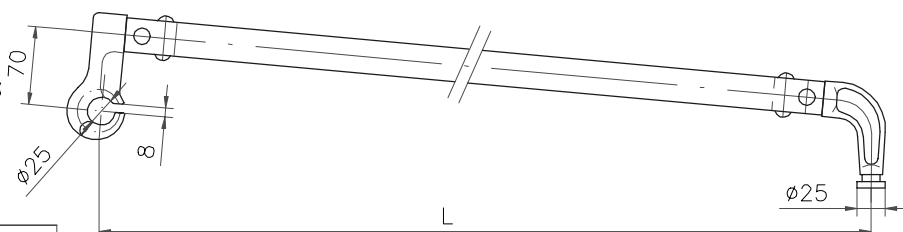
POLIGONATOR ZA VELIKA OPTEREĆENJA STEADY ARM FOR HIGH LOAD

64.205.700K

Materijal: alumijska 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

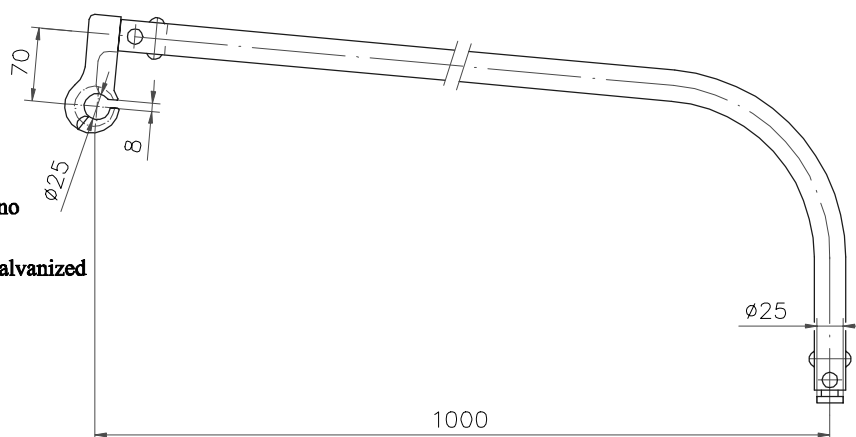
64.205.800

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

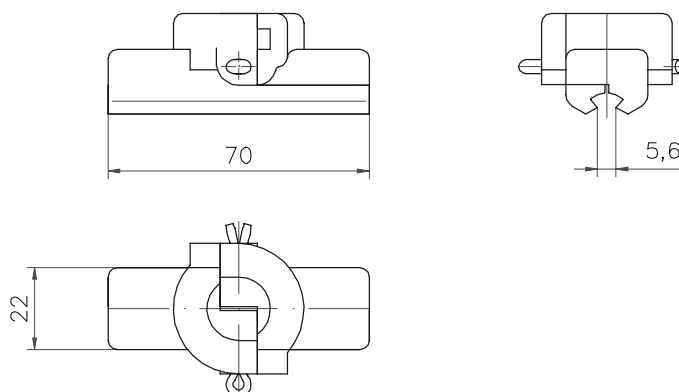
64.201.200

Materijal: alumijska 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

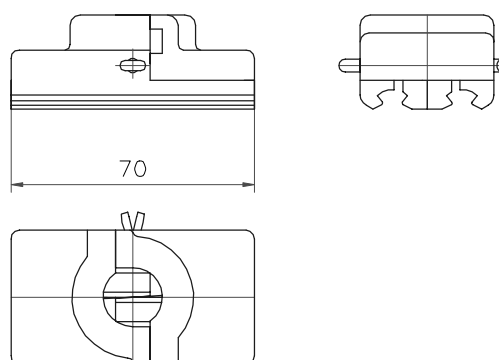
64.205.600

Materijal: alumijska bronca, DIN17656/17665

Masa: 0,36 kg

Material : aluminium bronze, DIN 17656/17665

Mass: 0,36 kg



PRSTEN POLIGONATORA RING OF STEADY ARM FASTENER

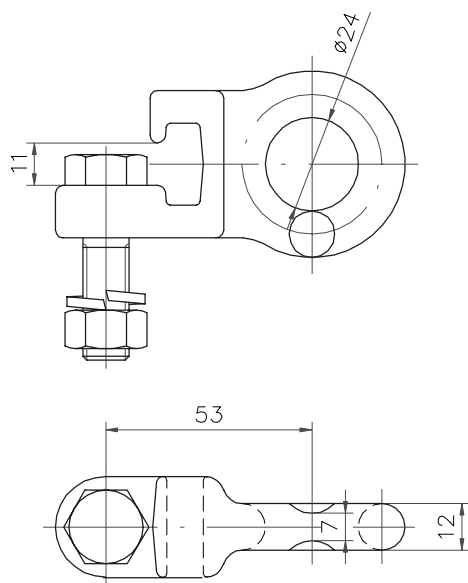
43.64.202

Materijal: aluminijska bronca, DIN17656/17665

Masa: 0,37 kg

Material : aluminium bronze, DIN 17656/17665

Mass: 0,37 kg



GRANIČNIK POLIGONATORA STEADY ARM LIMITOR

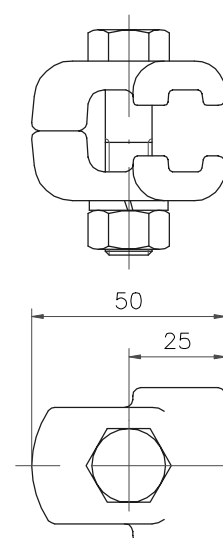
43.64.203

Materijal: aluminijska bronca, DIN17656/17665

Masa: 0,40 kg

Material : aluminium bronze, DIN 17656/17665

Mass: 0,40 kg

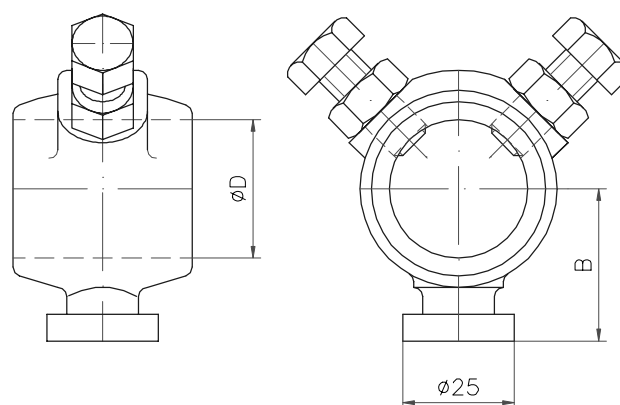


NOSAČ STEZALJKE KONTAKTNOG VODIČA 30 I 41 SWIVEL FITTING CLAMP FOR TUBE 30 AND 41

Materijal: aliminijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665

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

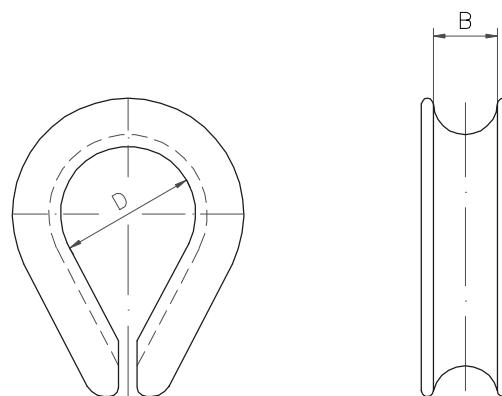


UŠKE ALKE ZA UŽE THIMBLES

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass [kg]
		B [mm]	D [mm]	
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

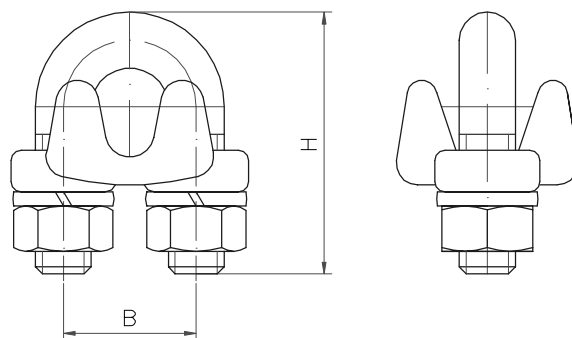


STEZALJKA S "U" VIJKOM "U"B BOLT CLAMP FOR CABLE

Materijal: kovani čelik DIN 17200, vruće pocinčan

Material : drop forged steel DIN 17200, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass [kg]
		B [mm]	H [mm]	
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

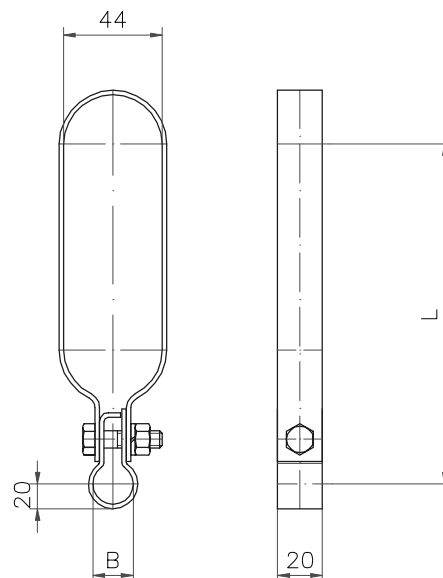


ALKA PROTIV VJETRA ANTI WIND STIRRUP

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

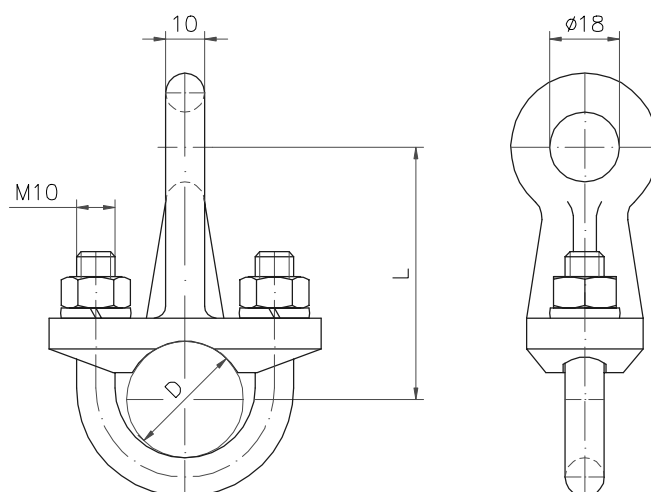
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass [kg]
	L [mm]	B [mm]	
64.201.300	152	18	0,20
64.205.900	115	35	0,19
64.206.500	152	30	0,20



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

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

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

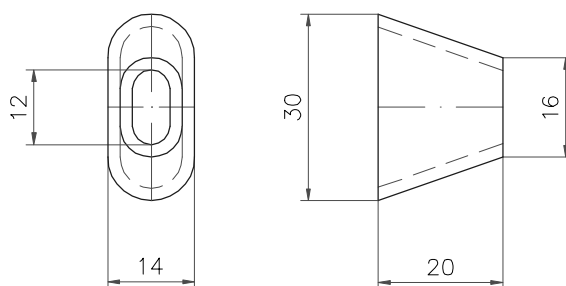


PRSTEN "V" VJEŠALJKE "V" DROPPER SLEEVE

64.201.600

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

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

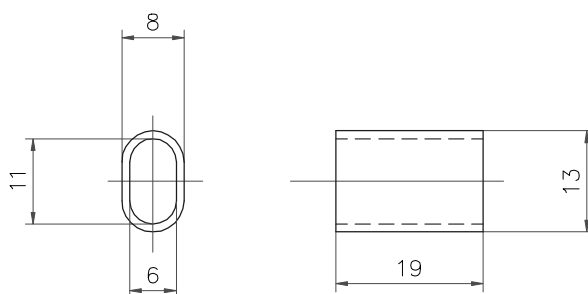


PRSTEN "I" VJEŠALJKE "I" DROPPER SLEEVE

64.201.650

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

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

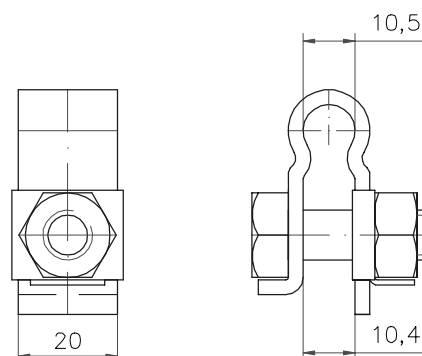


OBUJMICA "V" VJEŠALJKE "V" DROPPER CLIP

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

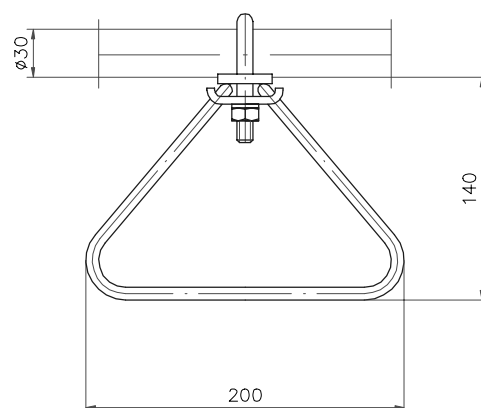
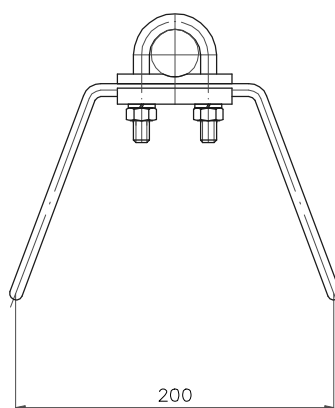
64.202.800

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

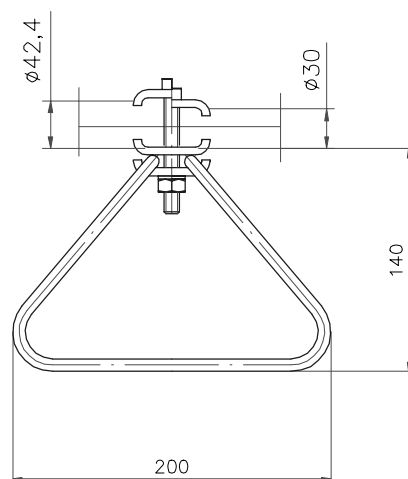
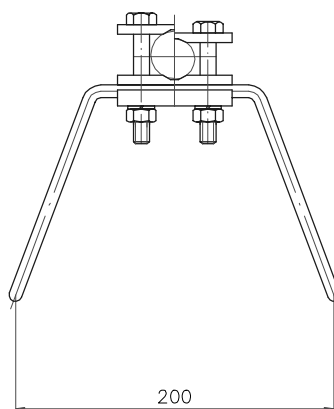
64.252.400

Materijal: čelik DIN 17100, vruće pocinčan

Masa: 1,23 kg

Material : steel DIN 17100, hot dip galvanized

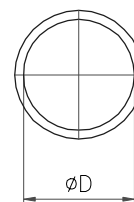
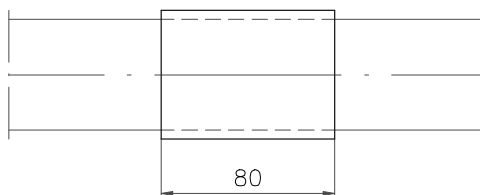
Mass: 1,23 kg



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

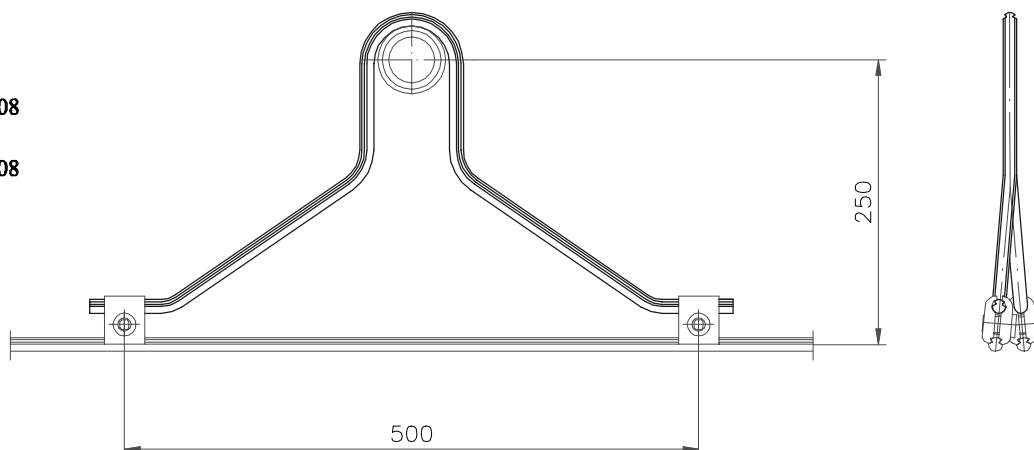
64.205.500

Materijal: bakar, DIN 1708

Masa: 0,76 kg

Material : bakar, DIN1708

Mass: 0,76 kg

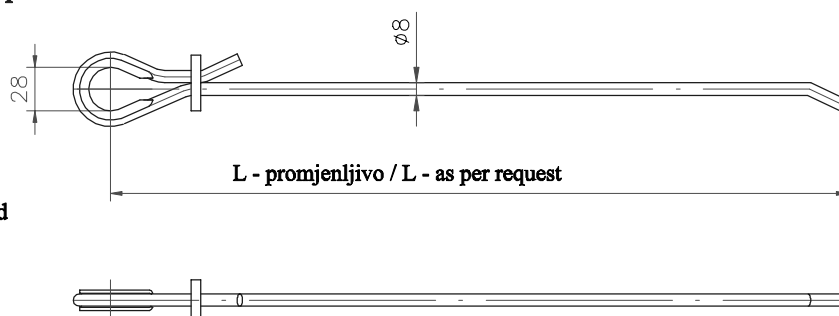


POLOVINA ZATEGE POLIGONATORA CANTILEVER STEADY ARM

64.251.500

Materijal: čelik, DIN 17100, vruće pocinčano

Material : steel, DIN17100, hot dip galvanized

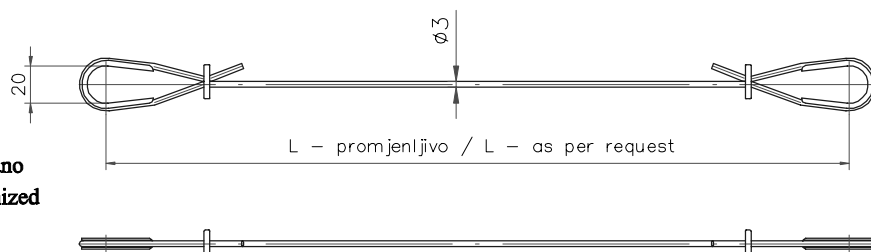


VJEŠALJKA POLIGONATORA STEADY ARM HAENGER

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 : stainless steel, DIN



STEZALJKA POLIGONATORA ZA VJEŠALJKU HANGER CLAMP

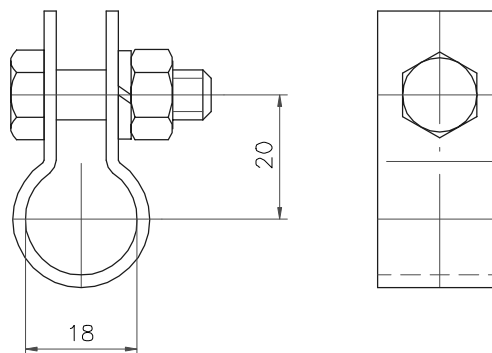
64.206.600

Materijal: čelik, DIN17100, vruće pocinčano

Masa: 0,071 kg

Material: steel DIN 17100, hot dip galvanized

Mass: 0,071 kg



DRŽAČ DVA POLIGONATORA TWIN PULL-OFF BRACKET

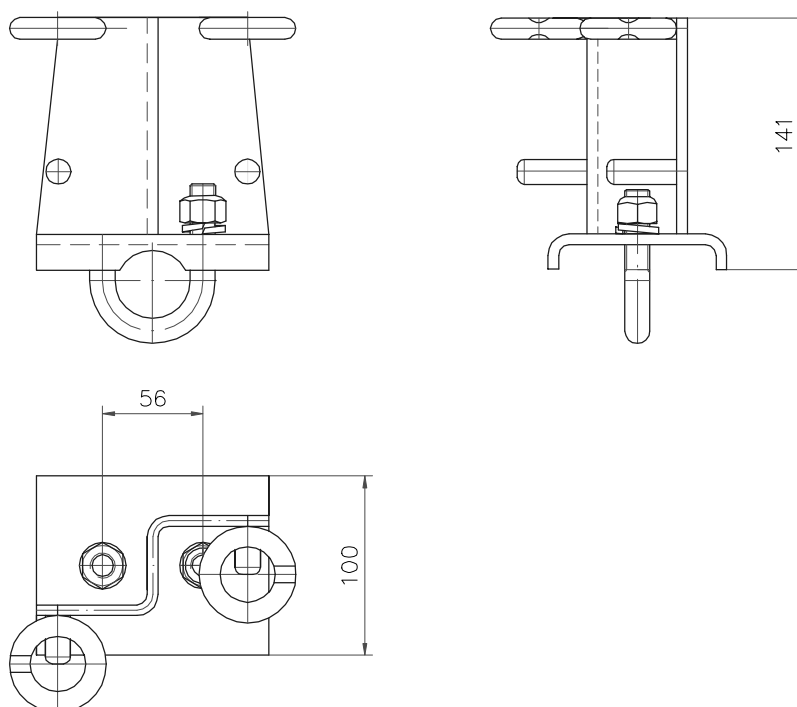
64.142.300

Materijal: čelik, DIN17100, vruće pocinčano

Masa: 2,40 kg

Material: steel DIN 17100, hot dip galvanized

Mass: 2,40 kg



DRŽAČ DVA POLIGONATORA ZA TUNELSKU KONZOLU TWIN PULL-OFF BRACKET

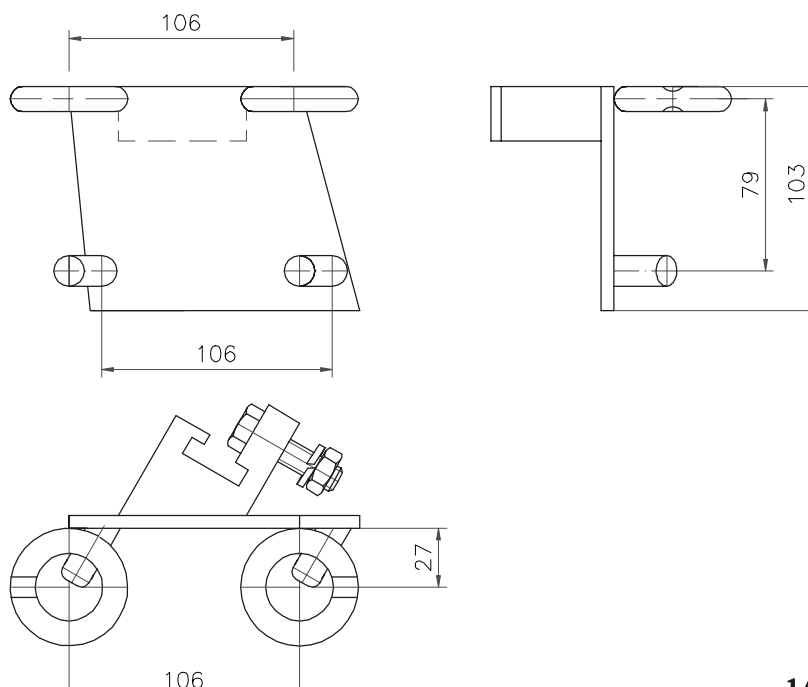
64.142.400

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

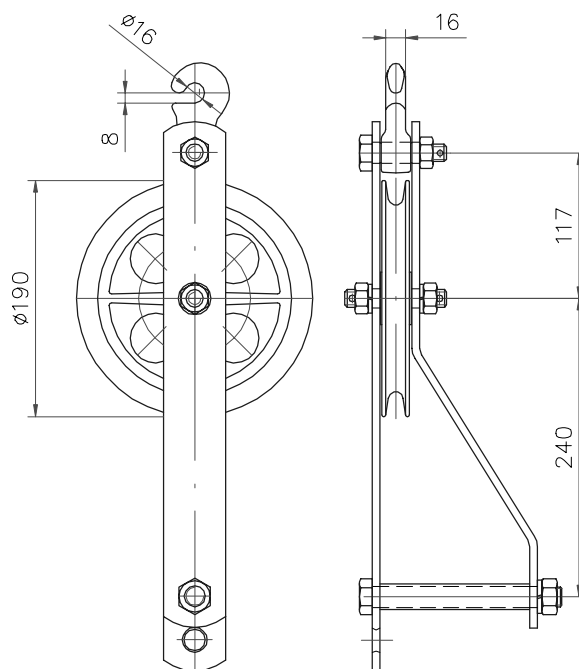
64.204.000P

Materijal: aluminijska bronca, DIN 17656 / 17665

Masa: 5,50 kg

Material : aliminium bronz, DIN 17656 / 17665

Mass: 5,50 kg



SPOJNA PLOČICA S PRSTENOM CONNECTING PLATE WITH RING

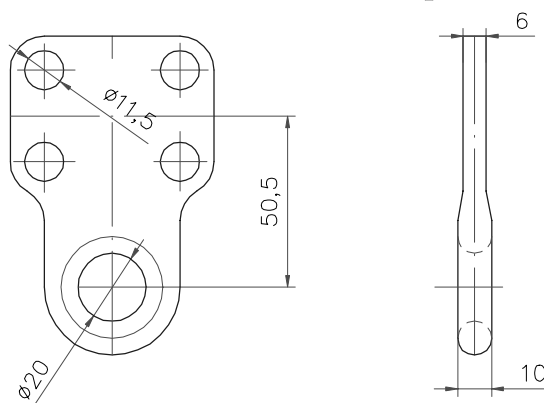
64.203.400B

Materijal: aluminijska bronca, DIN 17656 / 17665

Masa: kg

Material : aliminium bronz, DIN 17656 / 17665

Mass: kg



KLIZNA STEZALJKA ZA JEDNOSTRUKO UŽE SLIDING CLAMP FOR SINGLE ROPE

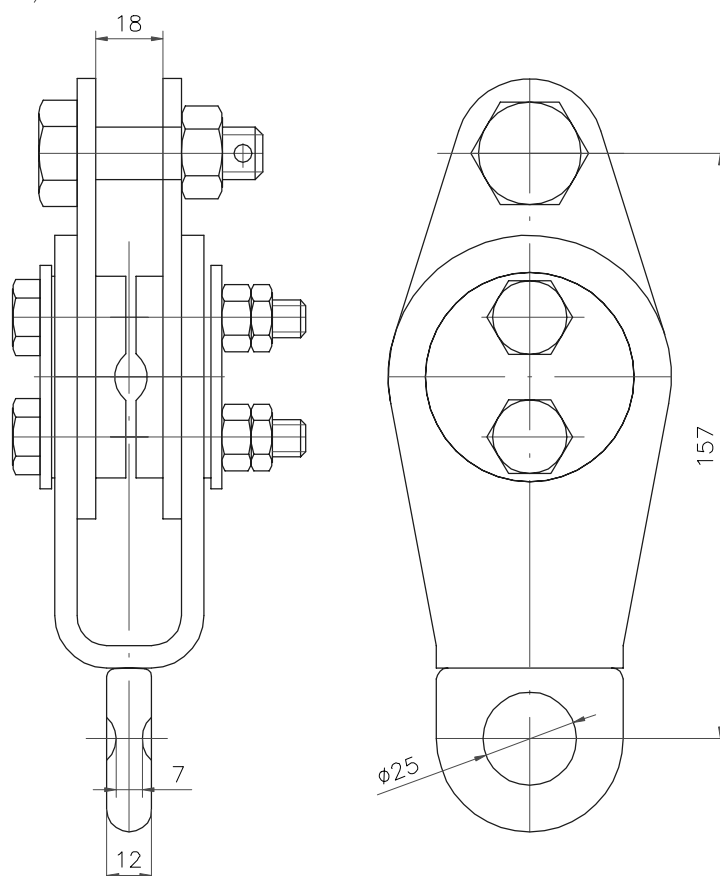
64.203.200V

Materijal: aluminijska bronca, DIN 17656 / 17665

Masa: 1,70 kg

Material : aliminium bronz, DIN 17656 / 17665

Mass: 1,70 kg



KLIZNA STEZALJKA ZA DVOSTRUKO UŽE SLIDING CLAMP FOR DOUBLE ROPE

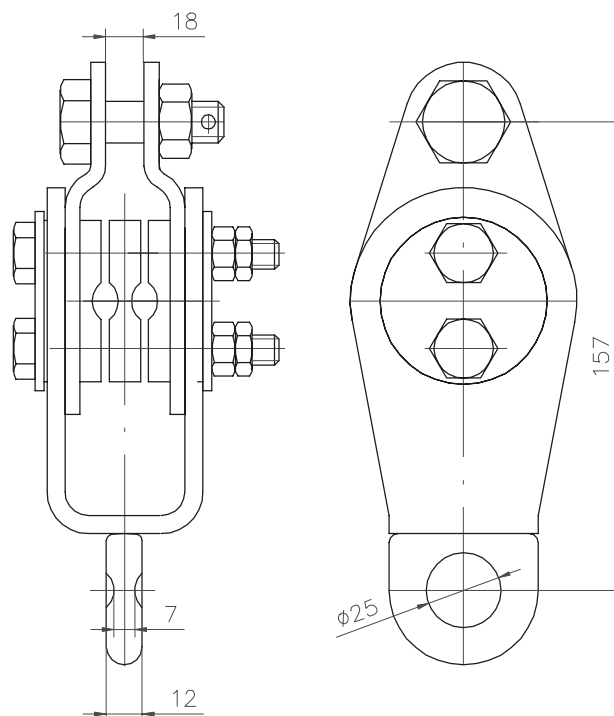
64.203.800V

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 1,90 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 1,90 kg



STEZALJKA POMOĆNOG NOSIVOĞ UŽETA CLAMP OF ACCESSORY

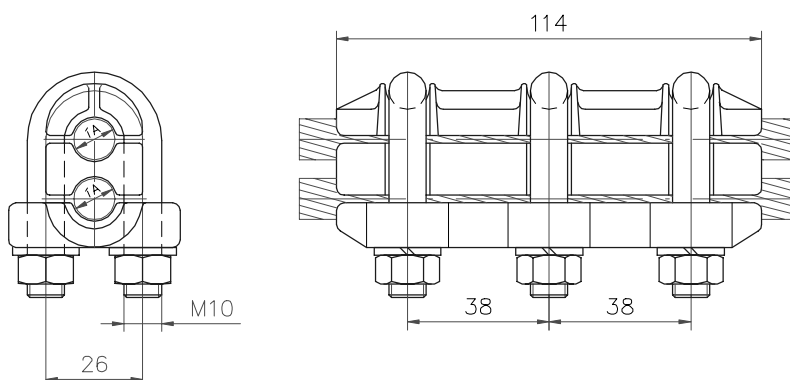
65.24.500

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 1,15 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 1,15 kg



JARAM NOSAČA POLIGONATORA YOKE FOR STEADY ARM

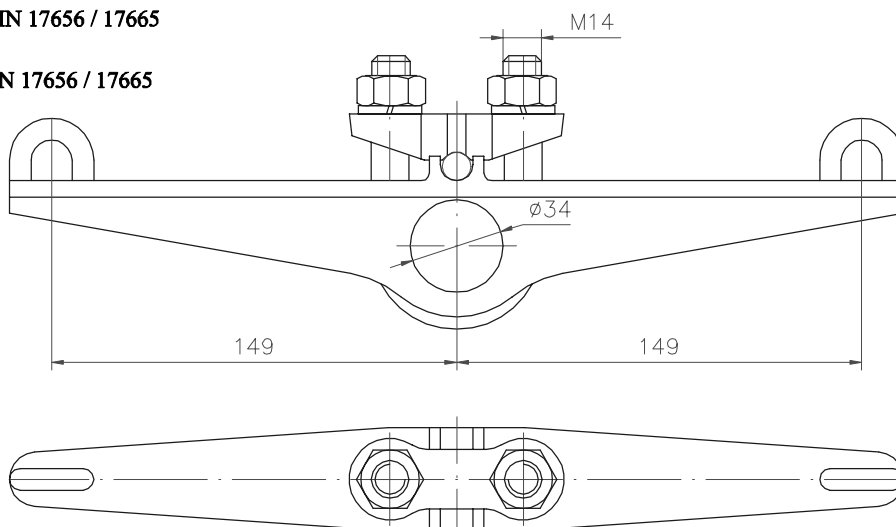
64.204.100B

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 1,75 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 1,75 kg



DRŽAČ POLIGONATORA NA GP STEADY ARM FASTENER

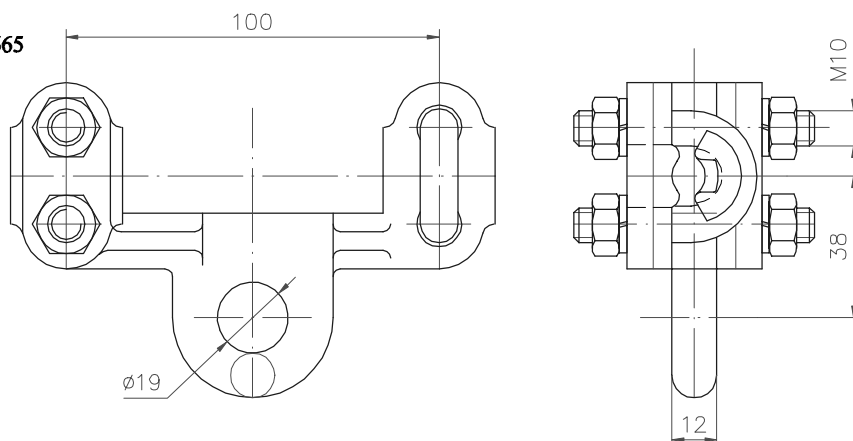
64.203.600B

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 1,15 kg

Material : aliminium bronz, DIN 17656 / 17665

Mass: 1,15 kg



POLIGONATORA NA GP STEADY ARM

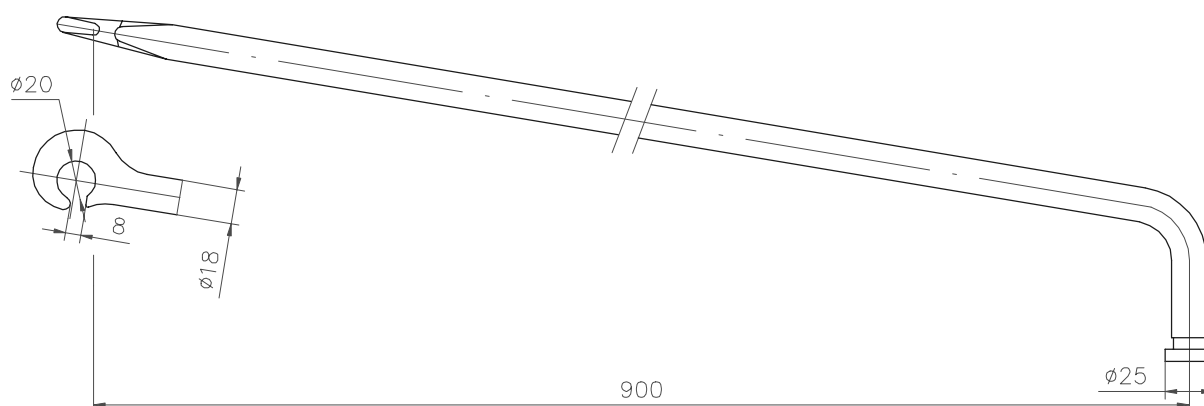
64.203.700

Materijal: kovani čelik, DIN 17200, vruće pocinčano

Masa: 2,10 kg

Material : drop forged steel, DIN 17200, hot dip galvanized

Mass: 2,10 kg



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

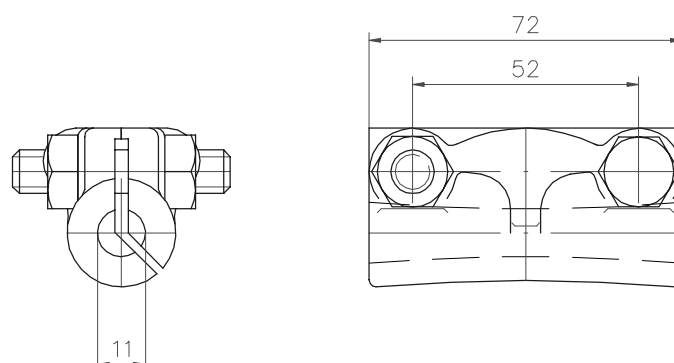
64.257.200

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 0,2 kg

Material : aliminium bronz, DIN 17656 / 17665

Mass: 0,2 kg



OKRETNNA STEZALJKA ZA KONTAKTNI VODIČ CONTACT WIRE SWIVEL CLIP

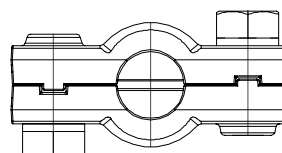
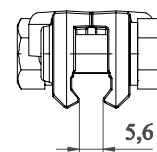
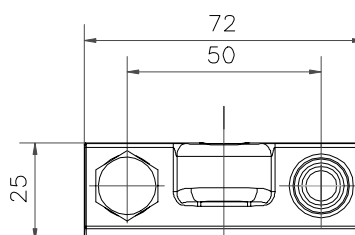
64.257.500

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 0,20 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 0,20 kg



OKRETNNA STEZALJKA ZA KONTAKTNI VODIČ CONTACT WIRE SWIVEL CLIP

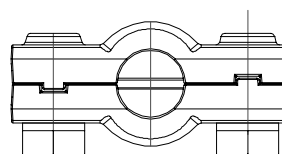
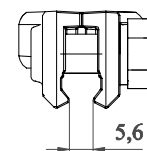
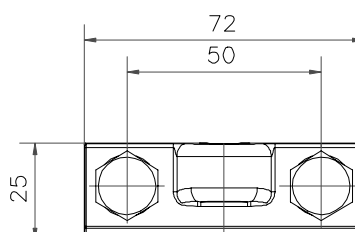
64.257.550

Materijal: alumijska bronca, DIN 17656 / 17665

Masa: 0,20 kg

Material : aliminium bronce, DIN 17656 / 17665

Mass: 0,20 kg

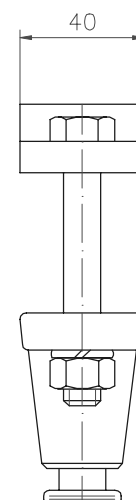
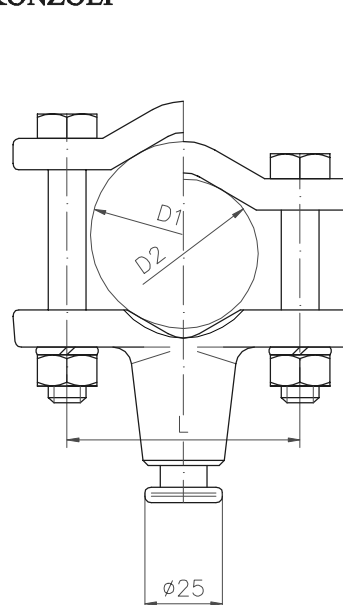


NOSAČ OKRETNE STEZALJKE NA IZOLATORSKOJ KONZOLI CLAMP SUPPORT FOR CONTACT WIRE

Materijal: alumijska bronca, DIN 17656 / 17665

Material : aliminium bronce, DIN 17656 / 17665

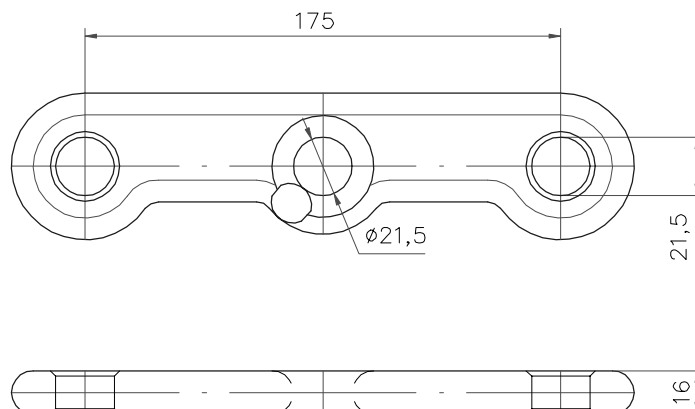
Kat. br. Cat. No.	Dimenzije Dimensions			Masa Mass
	L	D1 [mm]	D2	
64.257.100	75	60	48	1,35
64.257.400	64	42	30	1,25



SPONA IZOLATORA JOINT OF INSULATORS

64.257.600

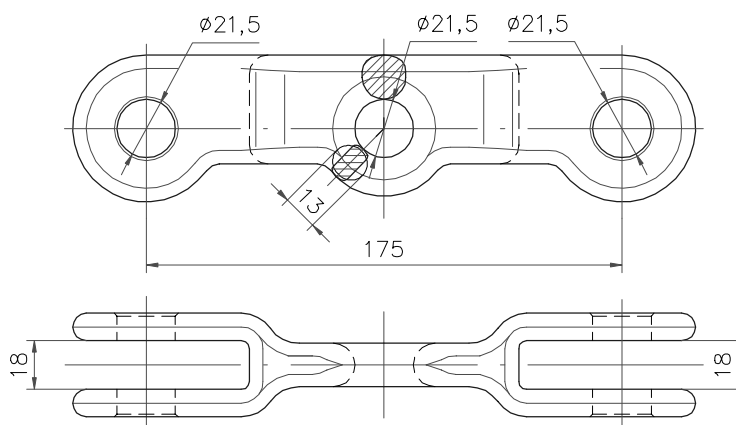
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 1,10 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 1,10 kg



SPONA IZOLATORA JOINT OF INSULATORS

64.257.650

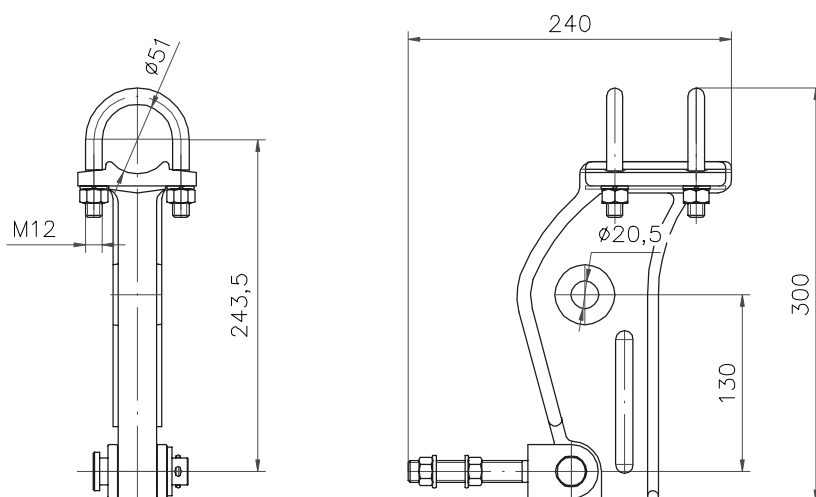
Materijal: aluminijaska bronca, DIN 17656 / 17665
Masa: 1,30 kg
Material : aliminium bronce, DIN 17656 / 17665
Mass: 1,30 kg



NOSAČ IZOLATORSKE KONZOLE SUPPORT OF INSULATOR

64.164.600

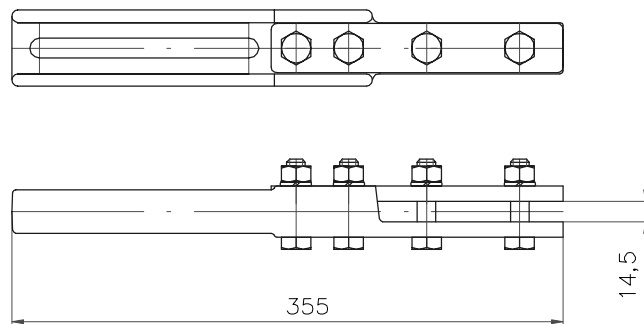
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 5,50 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 5,50 kg



PRODUŽNI NOSAČ POLIGONATORA STEADY ARM SUPPORT

64.164.700

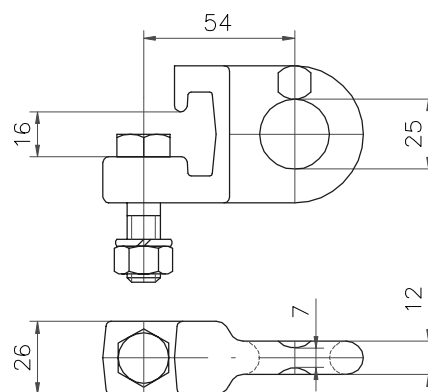
Materijal: čelik DIN 17100, vruće pocinčan
Masa: 2,60 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 2,60 kg



PRSTEN POLIGONATORA RING OF STEADY ARM FASTENER

64.164.800

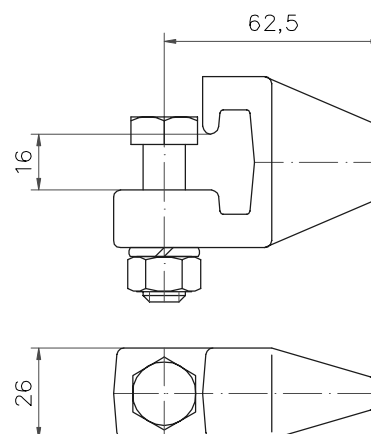
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,3 kg
Material : aliminium bronz, DIN 17656 / 17665
Mass: 0,3 kg



GRANIČNIK POLIGONATORA STEADY ARM LIMITOR

64.164.900

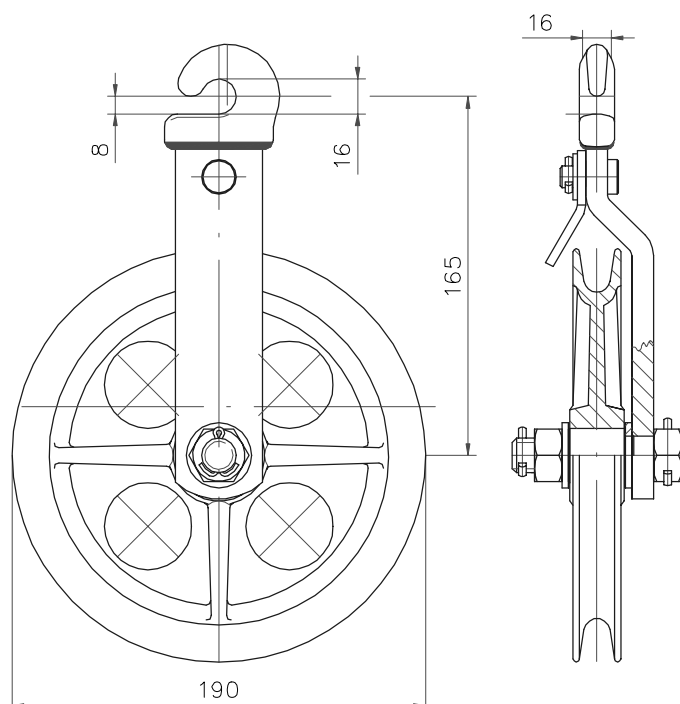
Materijal: aluminijska bronca, DIN 17656 / 17665
Masa: 0,33 kg
Material : aliminium bronz, DIN 17656 / 17665
Mass: 0,33 kg



KOTAČ NOSIVOŽ UŽETA RUNNING BLOCK FOR CANTILVER CABLE

64.257.700V

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

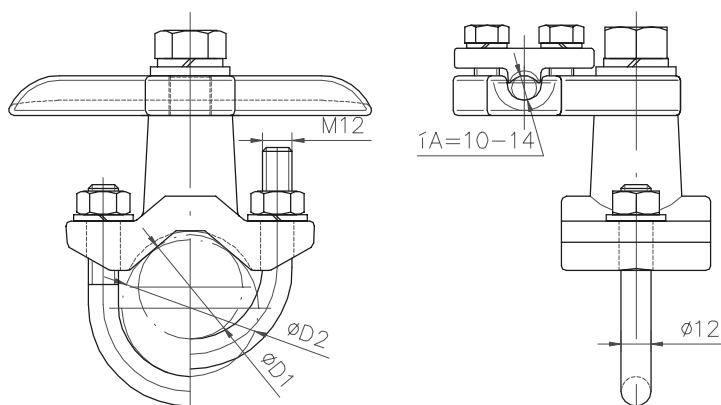


NOSAČ SA STEZALJKOM ZA NU SUPPORT WITH CLAMP FOR CATENARY CABLE

Materijal: čelik DIN 17100, vruće pocinčan

Material : steel DIN 17100, hot dip galvanized

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

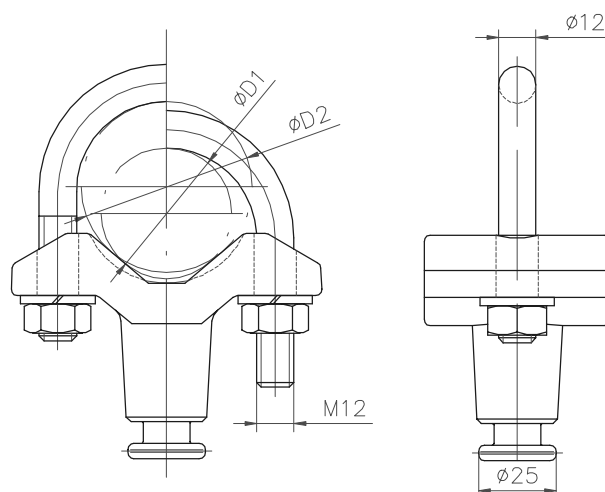


NOSAČ STEZALJKE NA KONZOLI STEADY ARM CLAMP HOLDER

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

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

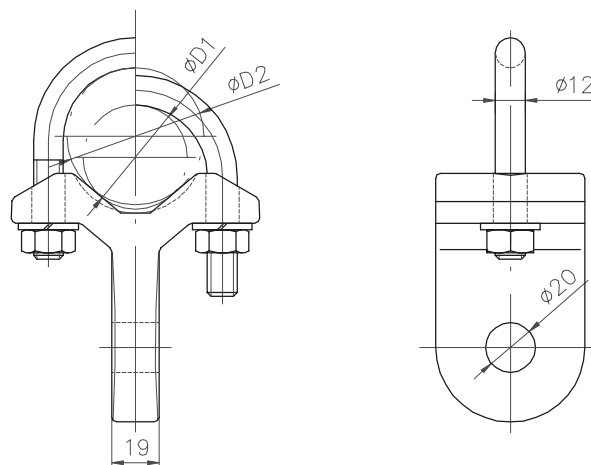


STEZALJKA S OČKOM EYE CLAMPS

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

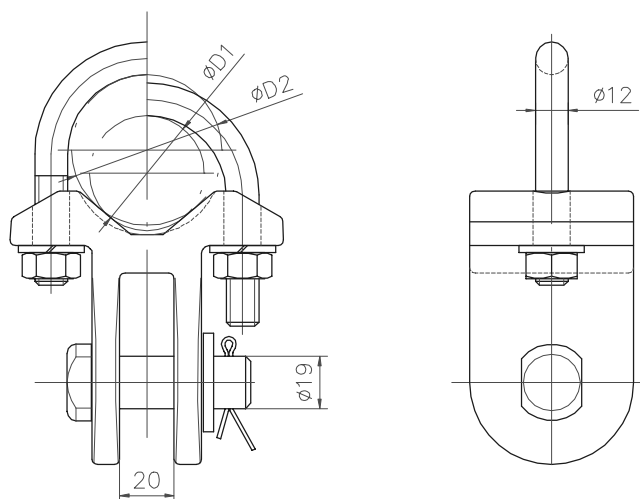
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass [kg]
	D1 [mm]	D2 [mm]	
65.19.300	42	55	1,45
65.19.350	55	70	1,62



STEZALJKA S VILICOM CLEVIS CLAMP

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

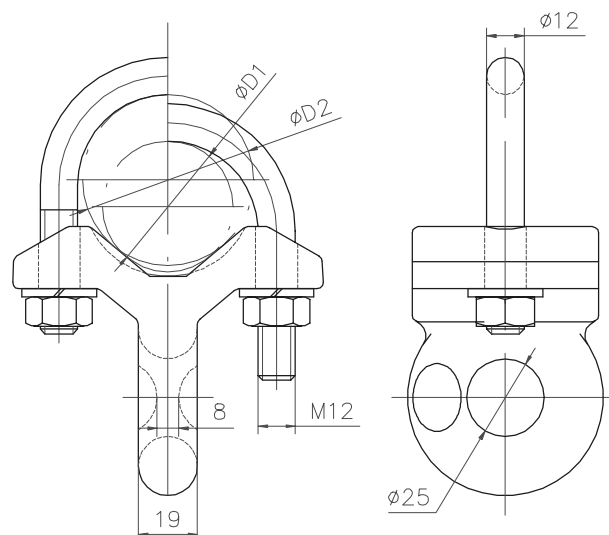
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass [kg]
	D1 [mm]	D2 [mm]	
65.20.200	42	55	0,85
65.20.250	55	70	0,93



STEZALJKA S OČKOM ZA KOSNIK KONZOLE EYE CLAMPS FOR REGISTRATION TUBES

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

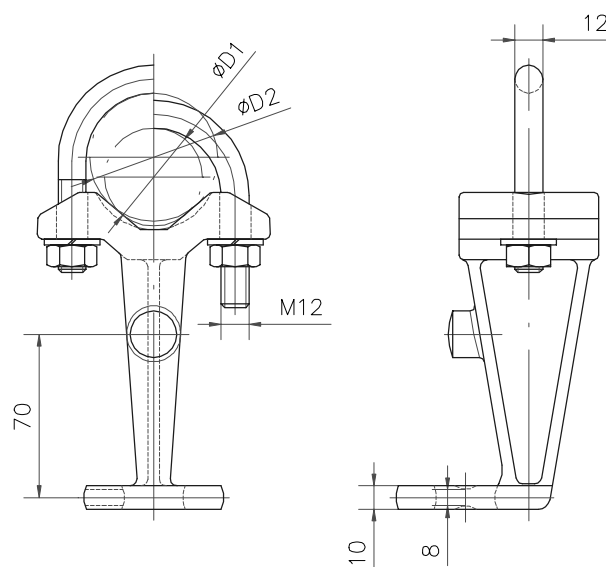
Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass [kg]
	D1 [mm]	D2 [mm]	
65.19.200	42	55	0,5
65.19.250	55	70	0,55



DRŽAČ POLIGONATORA DROP BRACKET

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

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

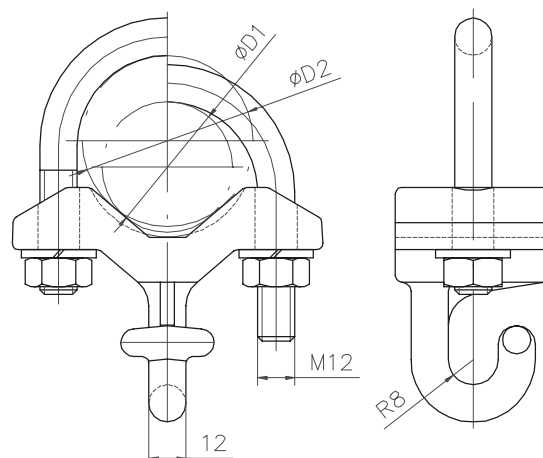


STEZALJKA S KUKOM CLAMP WITH HOOK

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

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

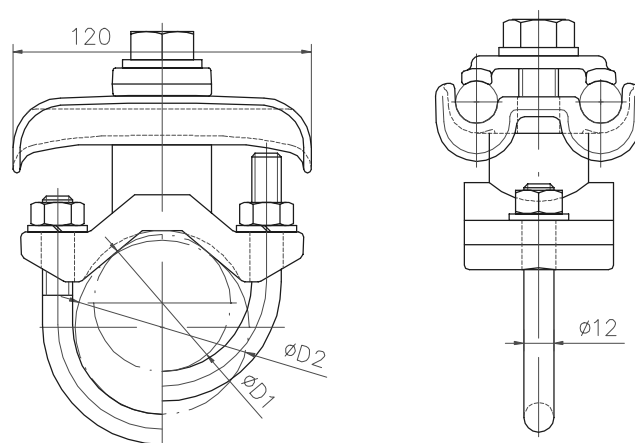


STEZALJKA ZA NOSIVO UŽE NA KONZOLI CATENARY CLAMP

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

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

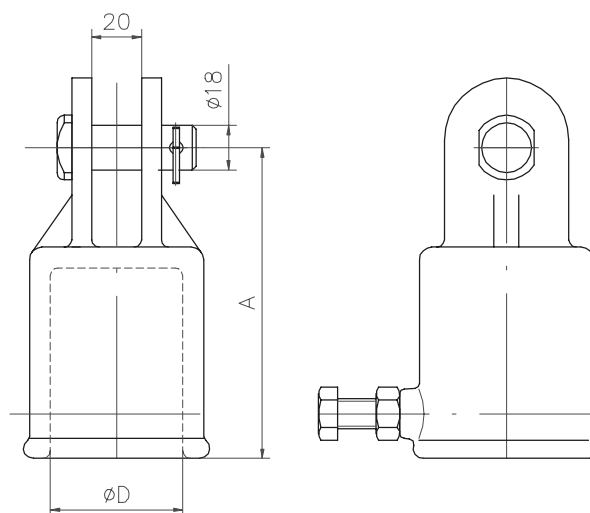


STEZALJKA S VILICOM CLEVIS END FITTING

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

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

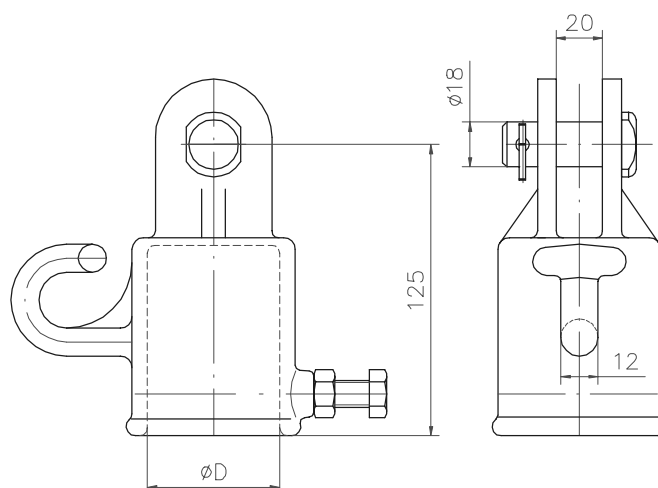


STEZALJKA S VILICOM CLEVIS END FITTING

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

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

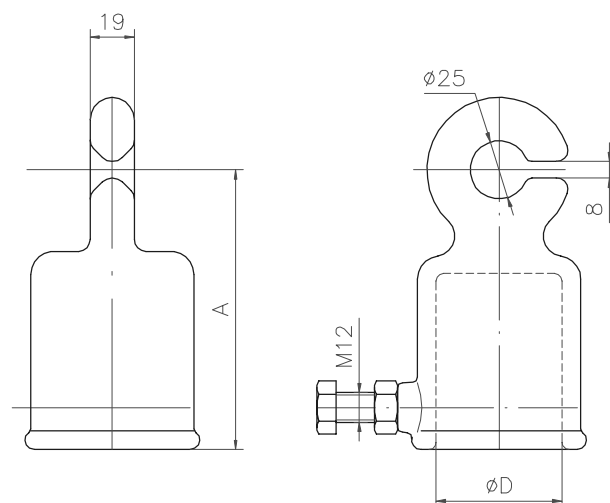


KUKA ZA CIJEV HOOK END FITTING

Materijal: aluminijska legura, DIN 1725

Material : aluminium alloy, DIN 1725

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



DRŽAČ ZAKRIVLJENOG POLIGONATORA DROP TUBE HOLDERS FOR CURVED STEADY ARMS

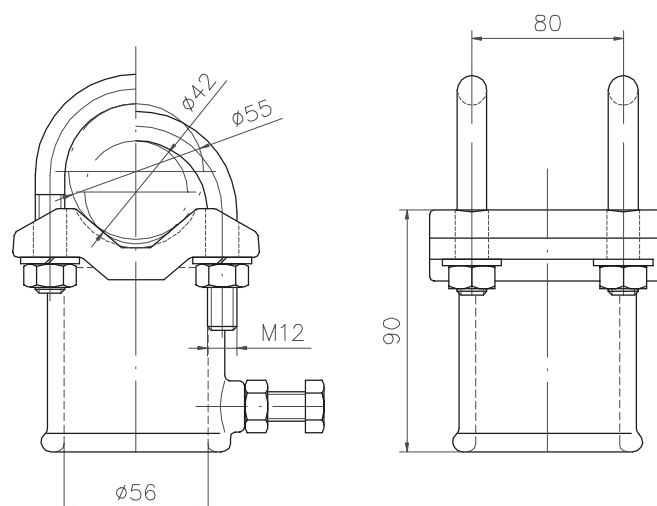
65.20.100

Materijal: aluminijska legura, DIN 1725

Masa: 0,75 kg

Material : aluminium alloy, DIN 1725

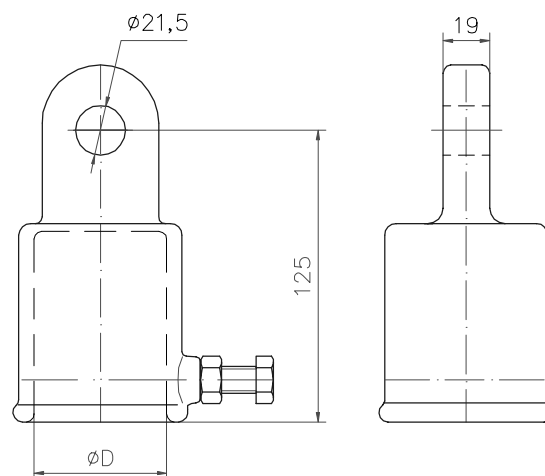
Mass: 0,75 kg



OČKA EYE END FITTING

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

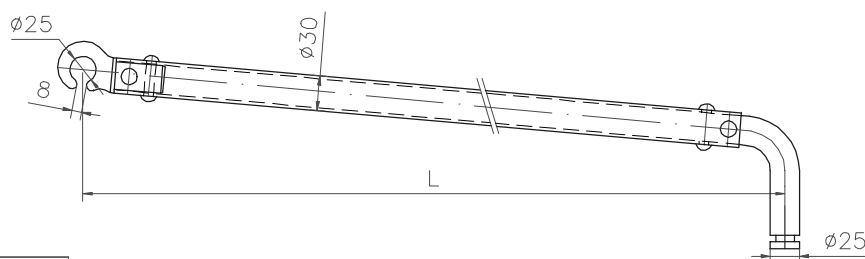
Kat. br. Cat. No.	Dimenzije Dimensions ØD [mm]	Masa Mass [kg]
65.18.100	43	0,62
65.18.150	56	0,85



POLIGONATOR STEADY ARM

65.31.100

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

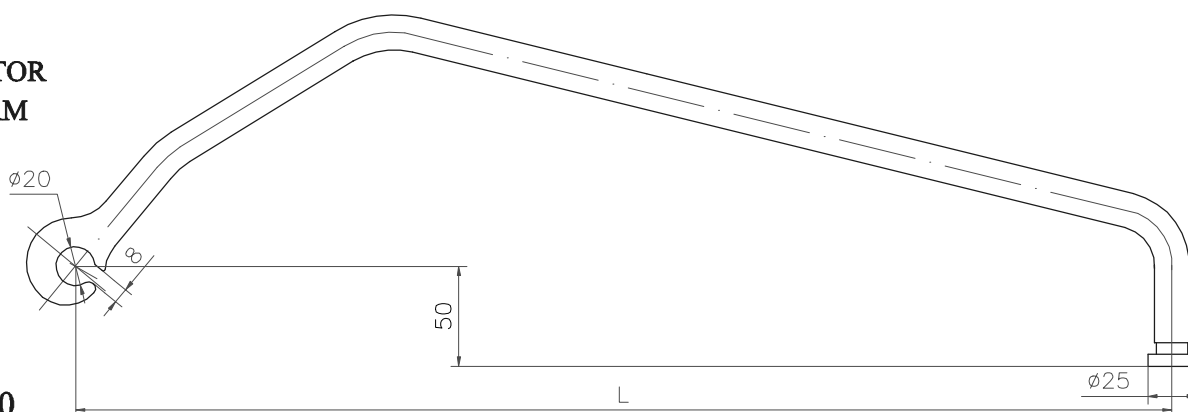


Tip / Type	A	B	C
Dužina / Length L [mm]	900	1100	1350
Masa / Mass [kg]	2,75	3,10	3,55

POLIGONATOR STEADY ARM

65.31.150

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



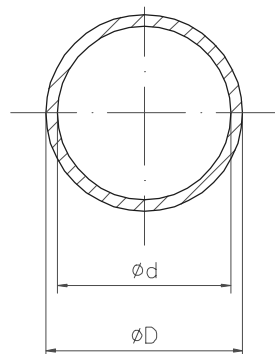
Tip / Type	A	B	C	D
Dužina / Length L [mm]	900	1100	1350	1500
Masa / Mass [kg]	0,45	0,55	0,67	0,75

CIJEVI TUBES

Materijal: aluminijaska legura, DIN 1725

Material : aluminium alloy, DIN 1725

Kat. br. Cat. No.	Dimenzije Dimensions		Masa Mass [kg/m]
	ØD [mm]	Ød [mm]	
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

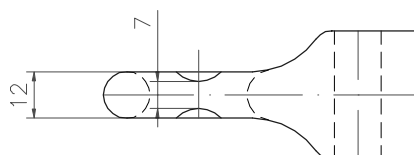
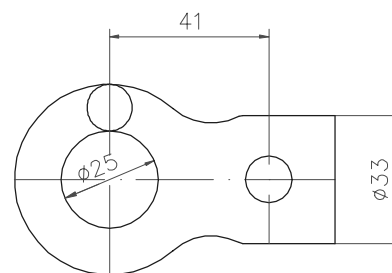
65.31.200

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

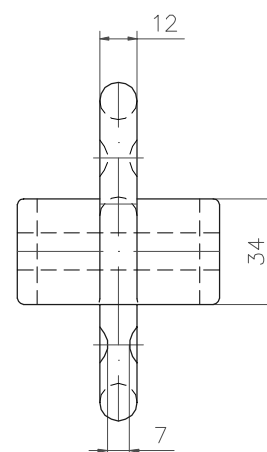
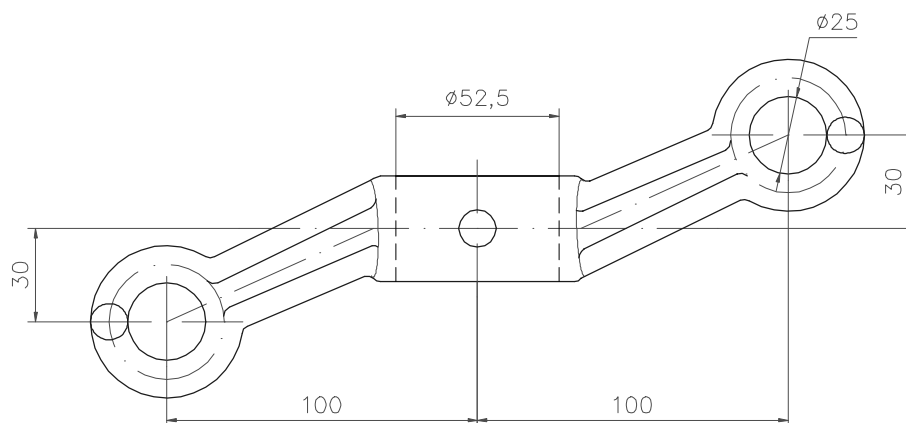
65.31.300

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

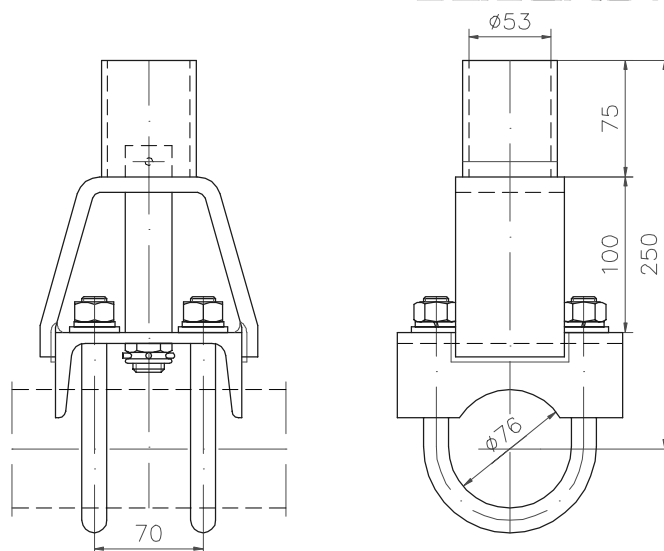
65.31.400

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

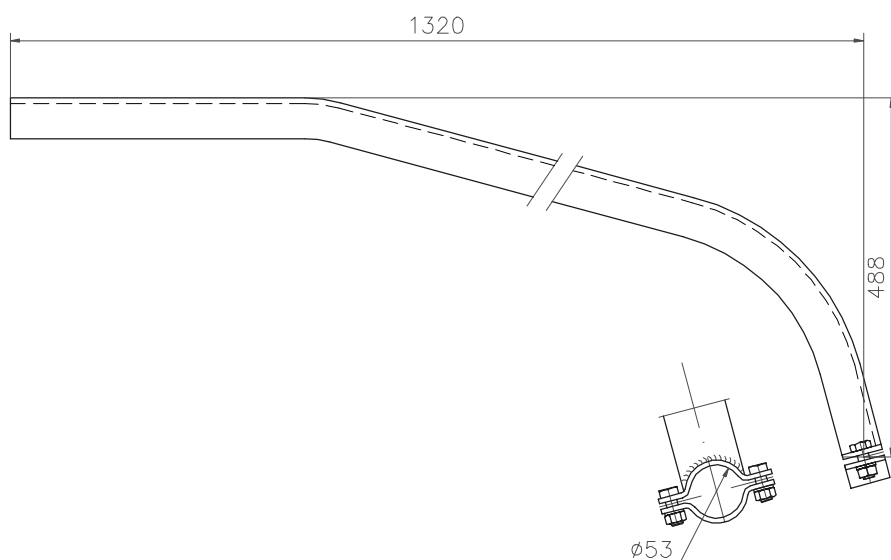
65.31.500

Materijal: čelik, DIN 17100 vruće pocinčano

Masa: 10,50 kg

Material : steel, DIN 17100 hot dip galvanized

Mass: 10,50 kg

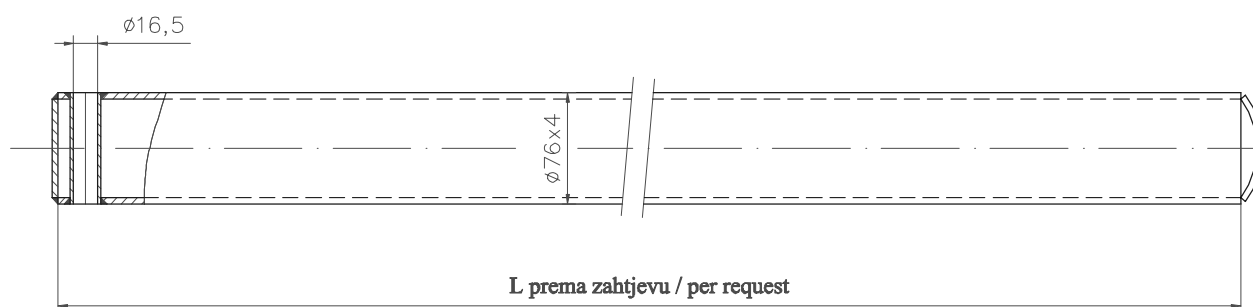


CIJEV Ø76 BRACKET

65.31.600

Materijal: čelik, DIN 17100 vruće pocinčano

Material : steel, DIN 17100 hot dip galvanized

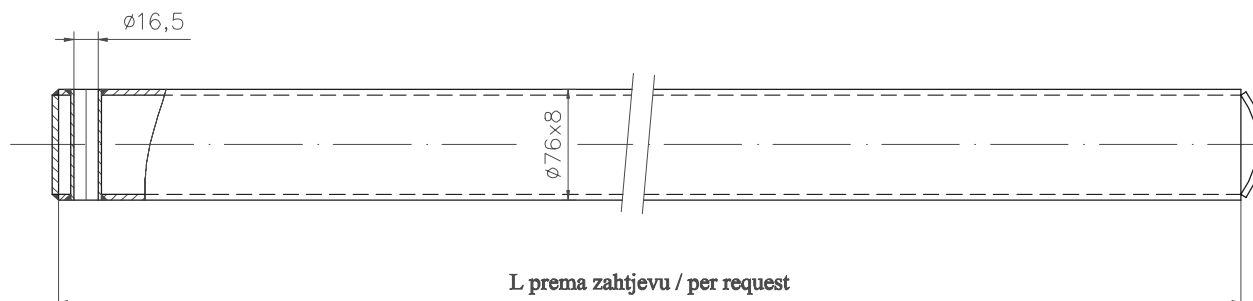


CIJEV Ø76 BRACKET

65.31.650

Materijal: čelik, DIN 17100 vruće pocinčano

Material: steel, DIN 17100 hot dip galvanized

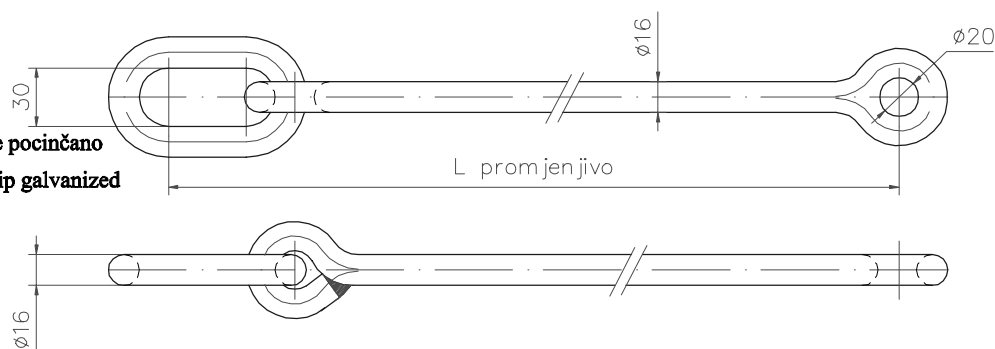


ZATEGA KONZOLE BRACKET STAY ROD

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

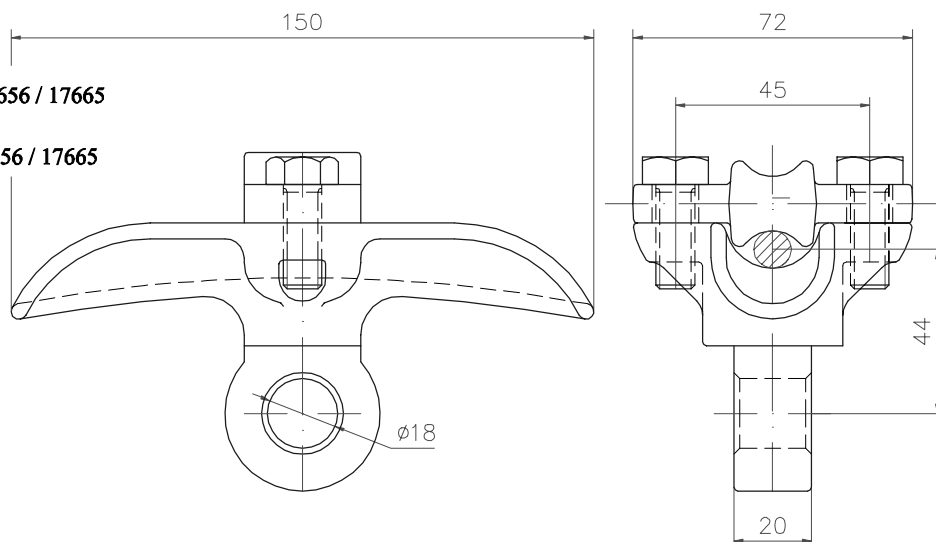
65.32.100

Materijal: aluminijaska bronca, DIN 17656 / 17665

Masa: 1,95 kg

Material: aluminium bronze, DIN 17656 / 17665

Mass: 1,95 kg



NOSNA STEZALJKA ZA DVA VODIČA SUSPENSION CLAMP FOR TWO CONDUCTORS

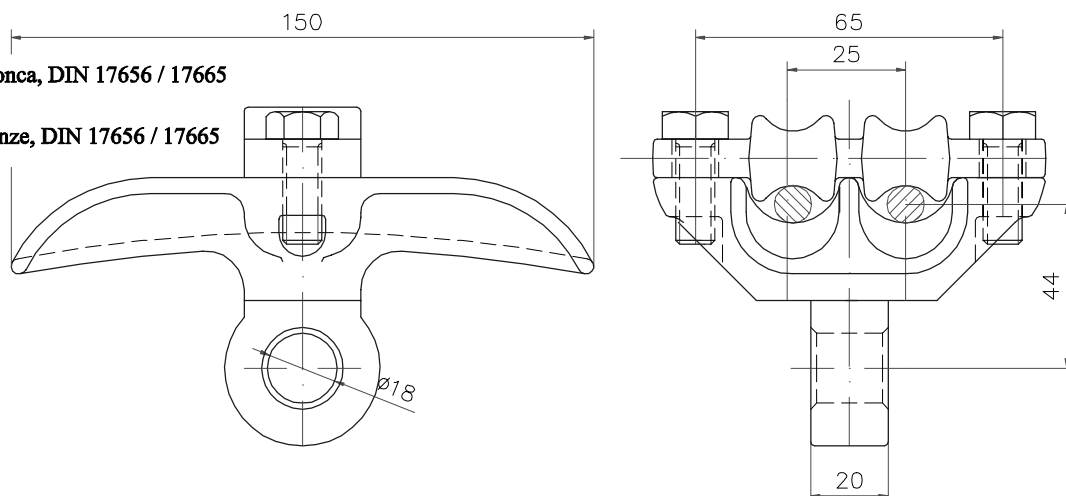
65.32.200

Materijal: aluminijaska bronca, DIN 17656 / 17665

Masa: 2,65 kg

Material : aliminium bronzе, DIN 17656 / 17665

Mass: 2,65 kg



NOSNA STEZALJKA SUSPENSION CLAMP

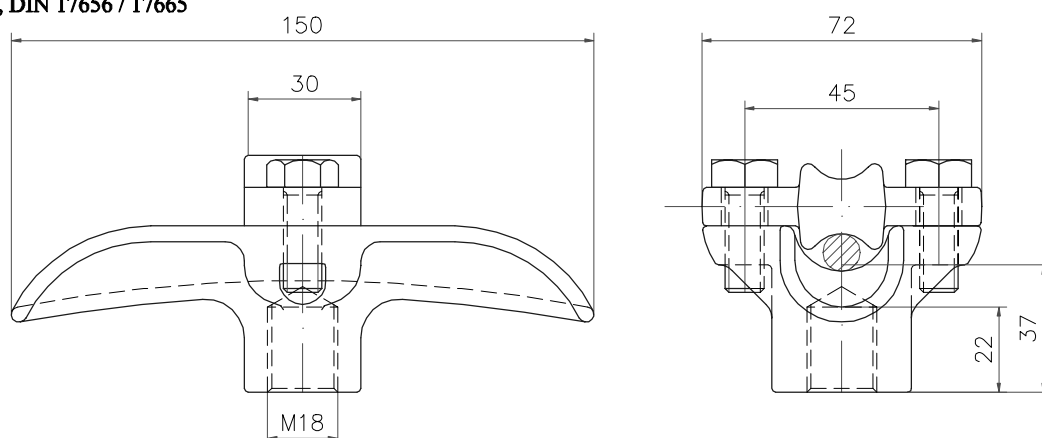
65.32.300

Materijal: aluminijaska bronca, DIN 17656 / 17665

Masa: 1,80 kg

Material : aliminium bronzе, DIN 17656 / 17665

Mass: 1,80 kg



NOSNA STEZALJKA ZA DVA VODIČA SUSPENSION CLAMP FOR TWO CONDUCTORS

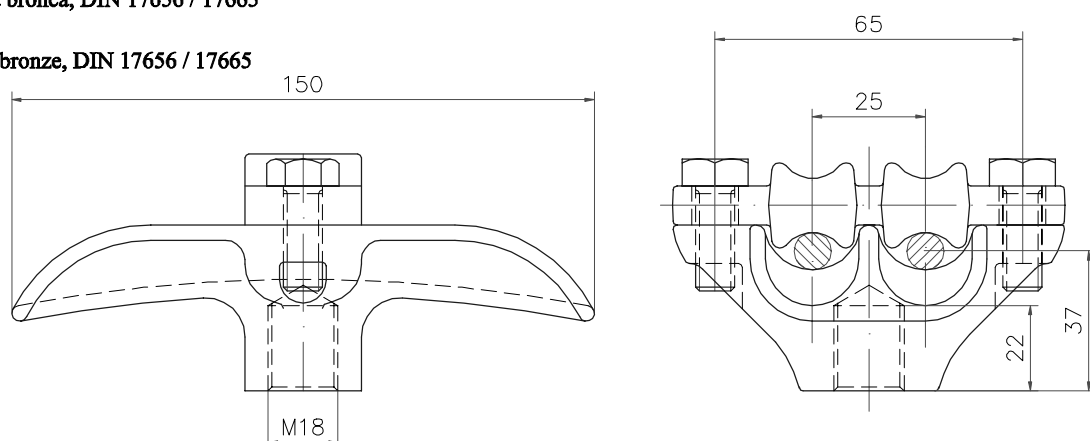
65.32.400

Materijal: aluminijaska bronca, DIN 17656 / 17665

Masa: 2,50 kg

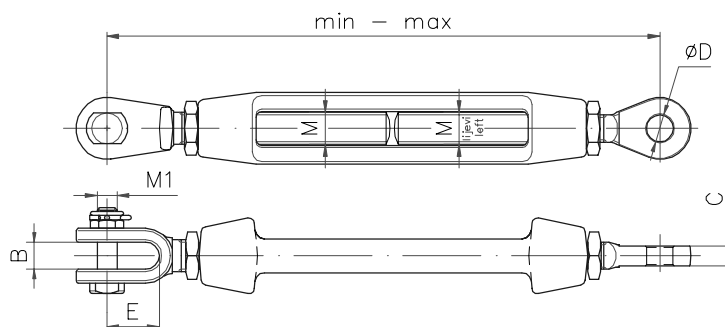
Material : aliminium bronzе, DIN 17656 / 17665

Mass: 2,50 kg



ZATEZAČ TURNBUCKLE

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

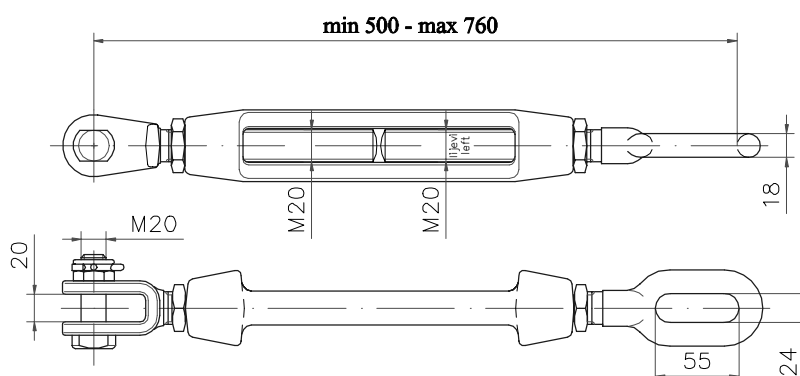


Kat. br. Cat. No.	Dimenzije Dimensions							Masa Mass [kg]
	min - max	M	ØD [mm]	C	B	E	M1	
25.37.011	315 - 425	16	17,5	16	18	35	16	1,90
25.37.013	440 - 670	20	25	18	20	40	20	3,50

ZATEZAČ TURNBUCKLE

25.32.024

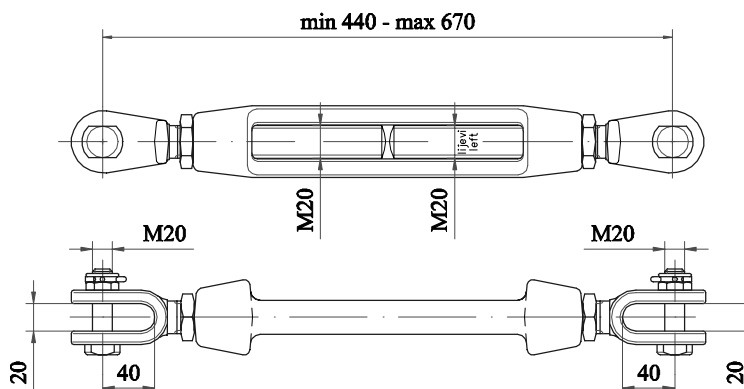
Materijal: čelik, DIN 17100 vruće pocinčano
Masa: 3,60 kg
Material : steel, DIN 17100 hot dip galvanized
Mass: 3,60 kg



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



OPREMA ZA ZATEZANJE

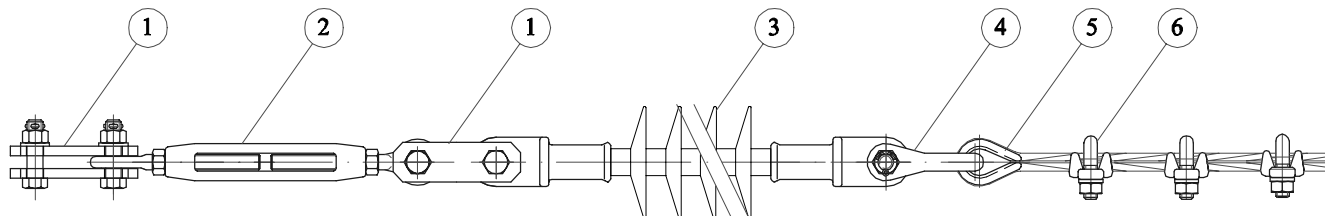
4

TENSION ACCESSORIES

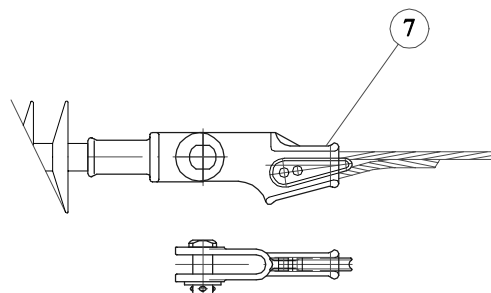
ČVRSTO ZATEZANJE NOSIVOG UŽETA TENSION EQUIPMENT FOR CATENARY WIRE

64.003.001

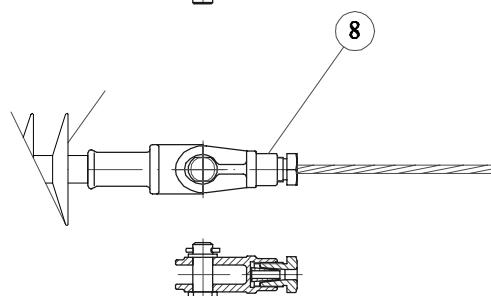
Tip 1



Tip 2



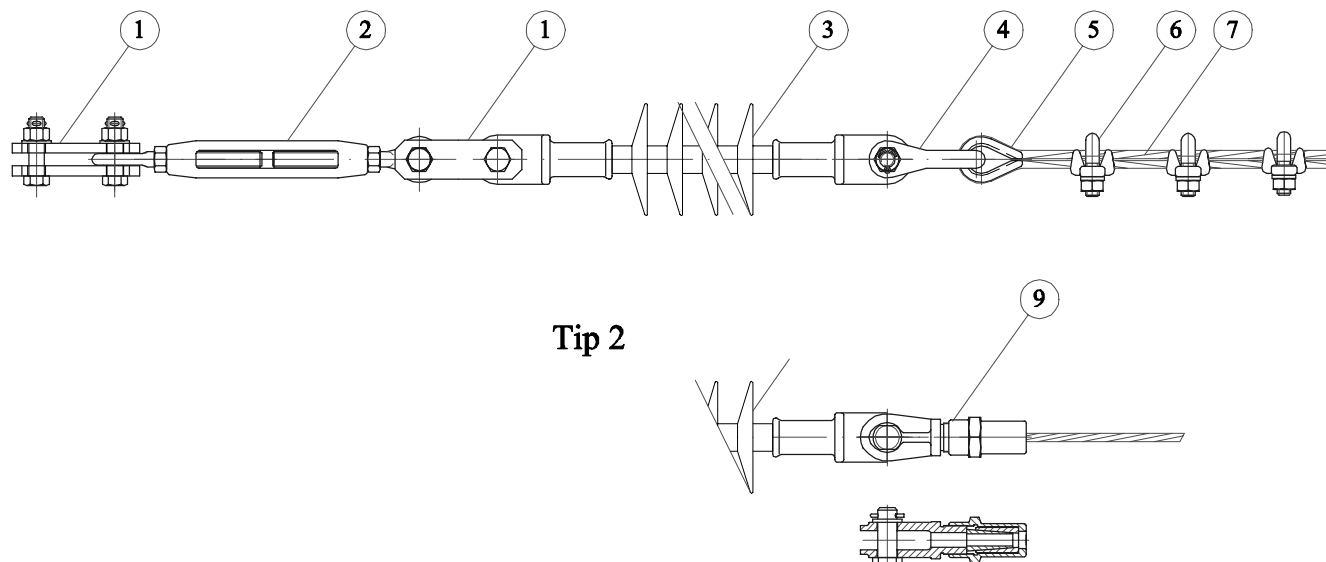
Tip 3



Poz Item	Kom/Pcs Tip/Type			Naziv sklopa Description	Kat.br. Cat.No.
	01	02	03		
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 užu 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 užu / Tension clamp for catenary cable	64.502.450

ČVRSTO ZATEZANJE KONTAKTNOG VODIČA TENSION EQUIPMENT FOR CONTACT WIRE

64.003.002



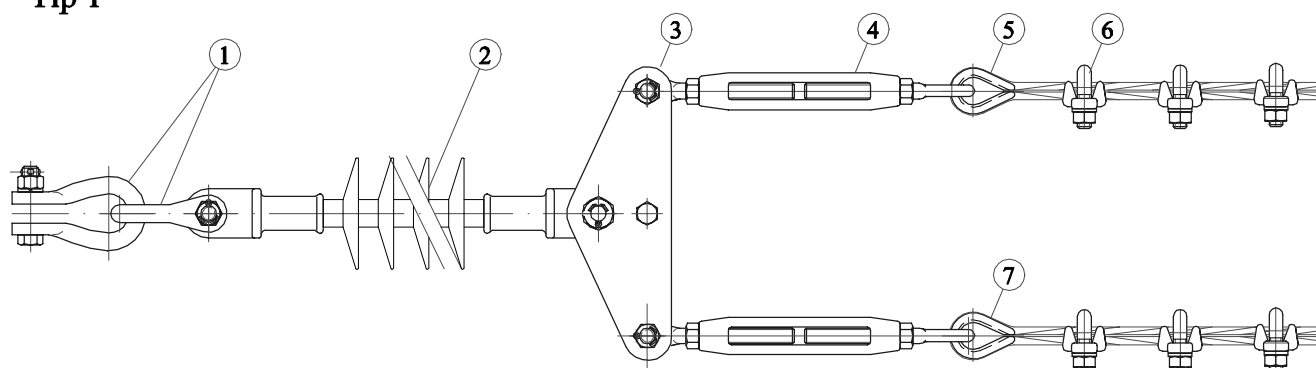
Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
1	2	2	Produžnik / Extension link	64.300.500
2	1	1	Zatezač / Turnbuckle	64.300.600
3	1	1	Izolator / Insulator	64.300.400
4	1	/	Škopac/ Shackle	64.300.300
5	1	/	Uška alke za užu Ø11,8 / Thimble	64.300.700
6	3	/	Stezaljka s U-vijkom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

ČVRSTO ZATEZANJE VOZNOG VODA KOMPENZIRANE KONTAKTNE MREŽE

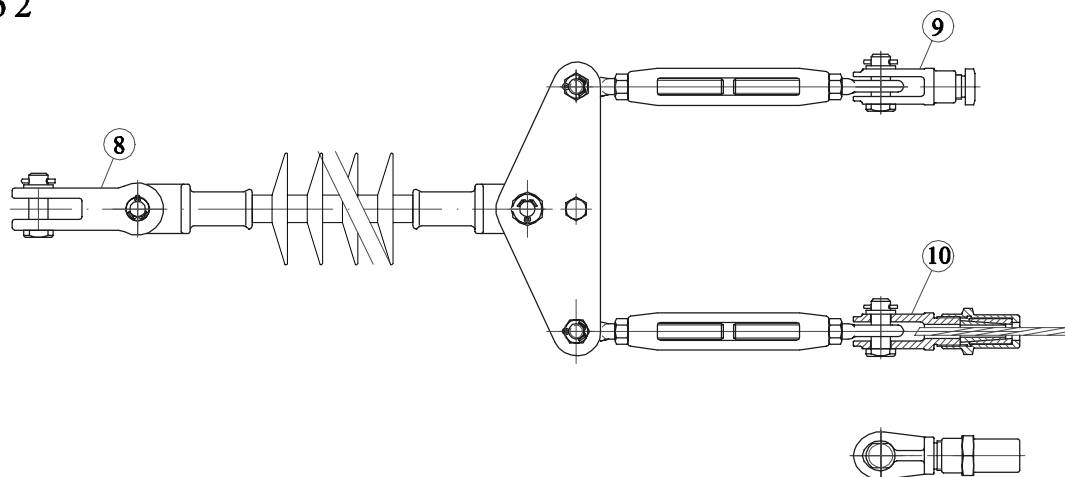
TENSION EQUIPMENT

64.003.003

Tip 1



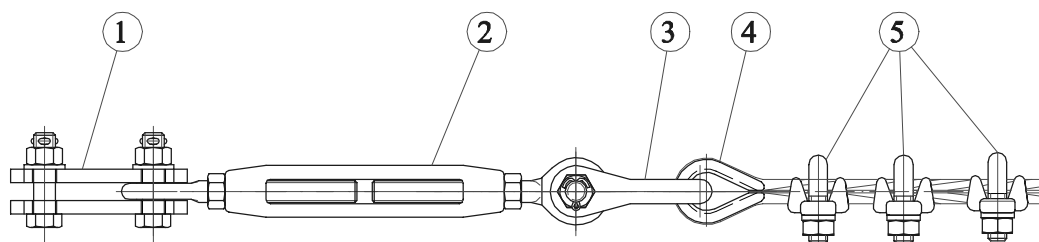
Tip 2



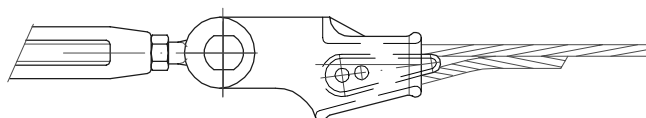
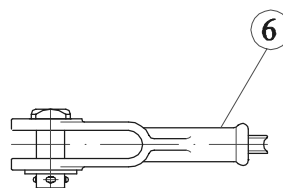
Poz Item	Kom/Pcs Tip/Type 01 02	Naziv sklopa Description	Kat.br. Cat.No.
1	2 /	Škopac/ Shackle	64.300.300
2	1 1	Izolator / Insulator	64.300.900
3	1 1	Odstojnik / Yoke	64.300.800
4	2 2	Zatezač / Turnbuckle	64.300.600
5	1 /	Uška alke za uže Ø10-10,5 / Thimble Ø10-10,5	64.300.700
6	6 /	Stezaljka s U-vijkom za užad Ø10-Ø12 mm / U-bolt clamp for cable Ø10-Ø12 mm	64.300.100
7	1 /	Uška alke za uže Ø11,8 / Thimble Ø11,8	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 vodič / Tension clamp for contact wire	64.502.550

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

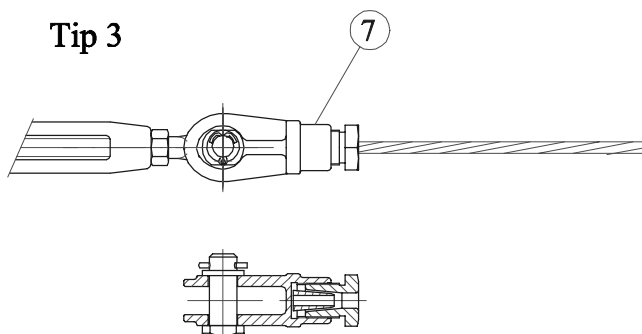
64.003.008



Tip 2



Tip 3

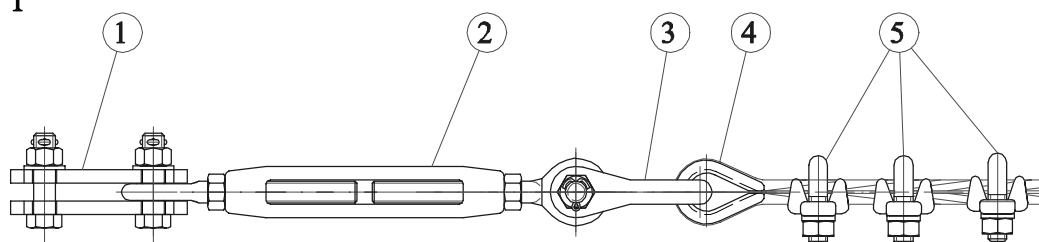


Poz Item	Kom/Pcs Tip/Type			Naziv sklopa Description	Kat.br. Cat.No.
	01	02	03		
1	1	1	1	Produžnik / Extension link	64.300.500
2	1	1	1	Zatezač / Turnbuckle	64.300.600
3	1	/	/	Škopac/ Shackle	64.300.300
4	1	/	/	Uška alke za užu Ø10-10,5 / Thimble Ø10-10,5	64.300.200
5	3	/	/	Stezaljka s U-vijkom za užad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

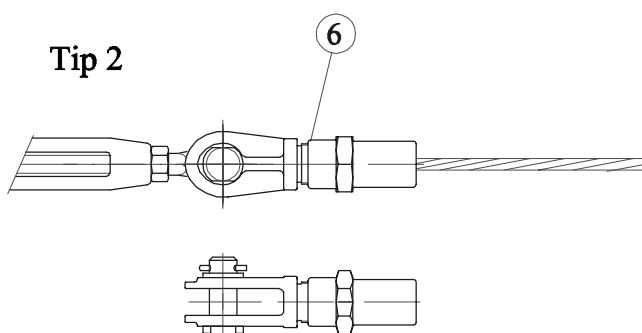
ČVRSTO ZATEZANJE KONTAKTNOG VODIČA BEZ IZOLATORA FIXED TERMINATION OF CONTACT WIRE WITHOUT INSULATOR

64.003.009

Tip 1



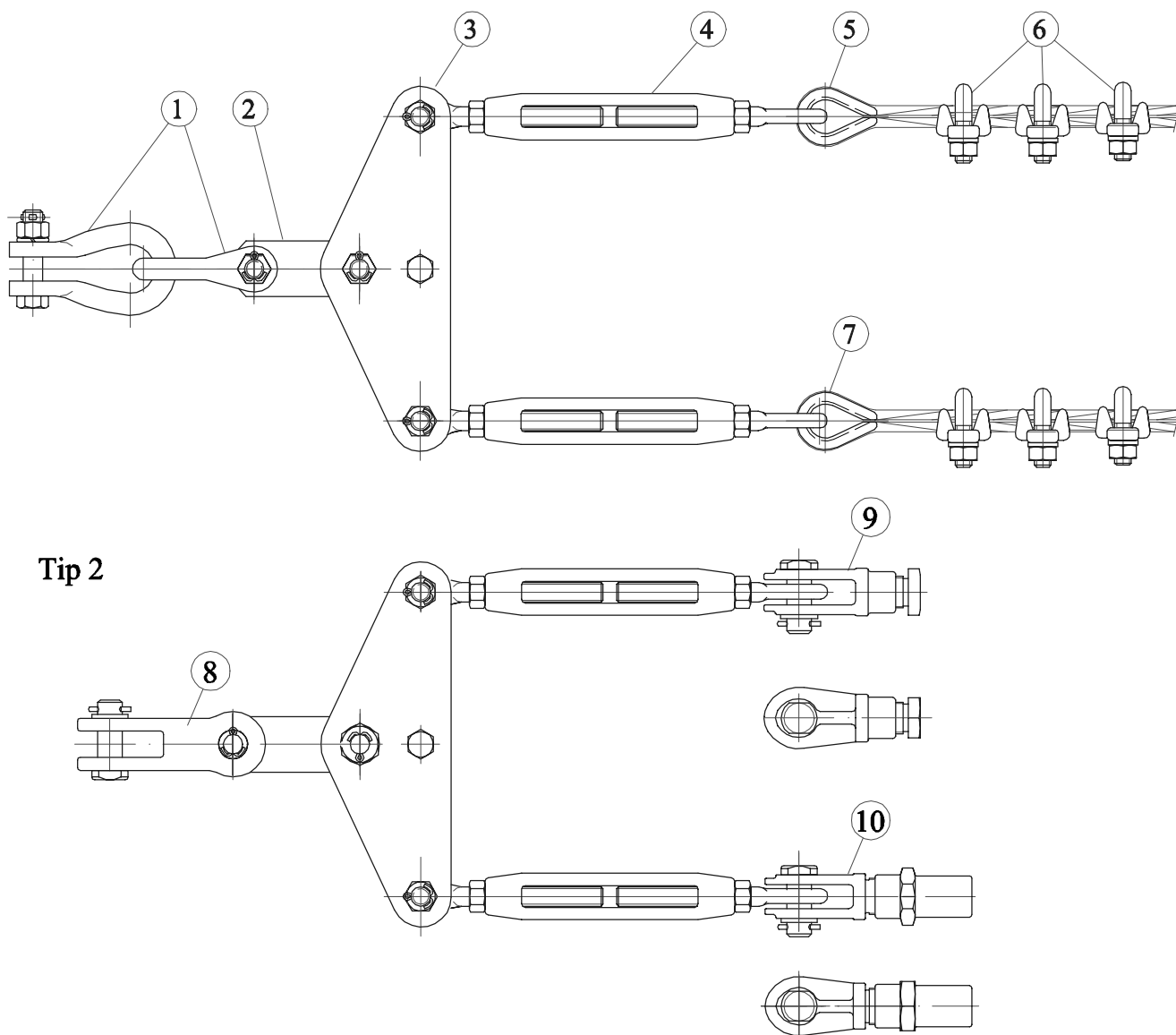
Tip 2



Poz Item	Kom/Pcs Tip/Type		Naziv sklopa Description	Kat.br. Cat.No.
	01	02		
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 užu / 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 kontakti vodič / Tension clamp for contact wire	64.502.550

ČVRSTO ZATEZANJE VOZNOG VODA BEZ IZOLATORA FIXED TERMINATION WITHOUT INSULATOR

64.003.010

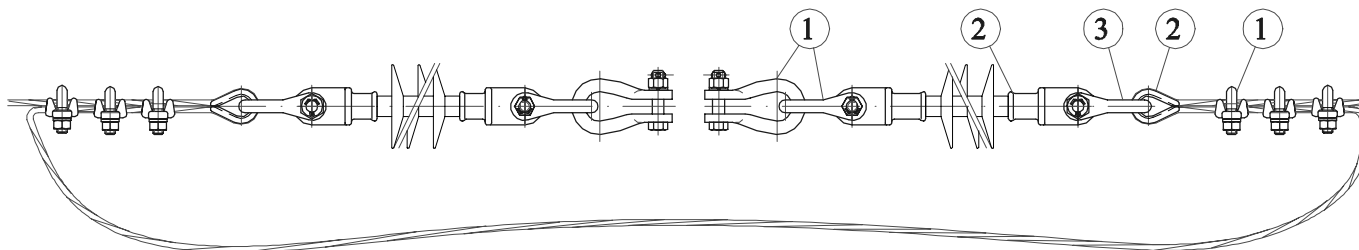


Tip 2

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 užu 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 užu Ø10,5 / Thimble	64.300.200
8	/ 1	Dvostruka zaokrenuta vilica / Double clevis	64.350.300
9	/ 1	Završna stezaljka za nosivo užu / Tension clamp for catenary wire	64.502.450
10	/ 1	Završna stezaljka za kontakti vodič / 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

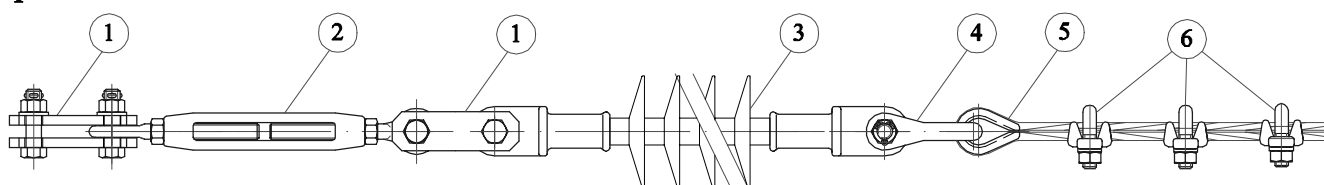


Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	4	Škopac/ Shackle	64.300.300
2	2	Zatezni izolator / Tension insulator	64.300.400
3	1	Uška alke za uže Ø10,5 / Thimble	64.300.200
4	2	Stezaljka s U-vijkom za užad Ø10-Ø12 mm / U-bolt clamp for cable Ø10-Ø12 mm	64.300.100

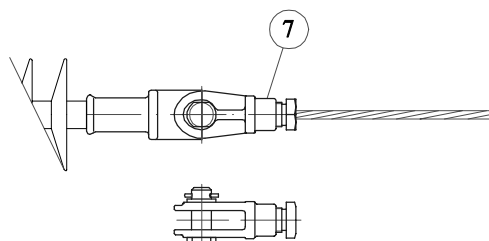
ZATEZANJE OBILAZNOG VODA TENSION EQUIPMENT FOR BYPASS

64.003.071

Tip 1



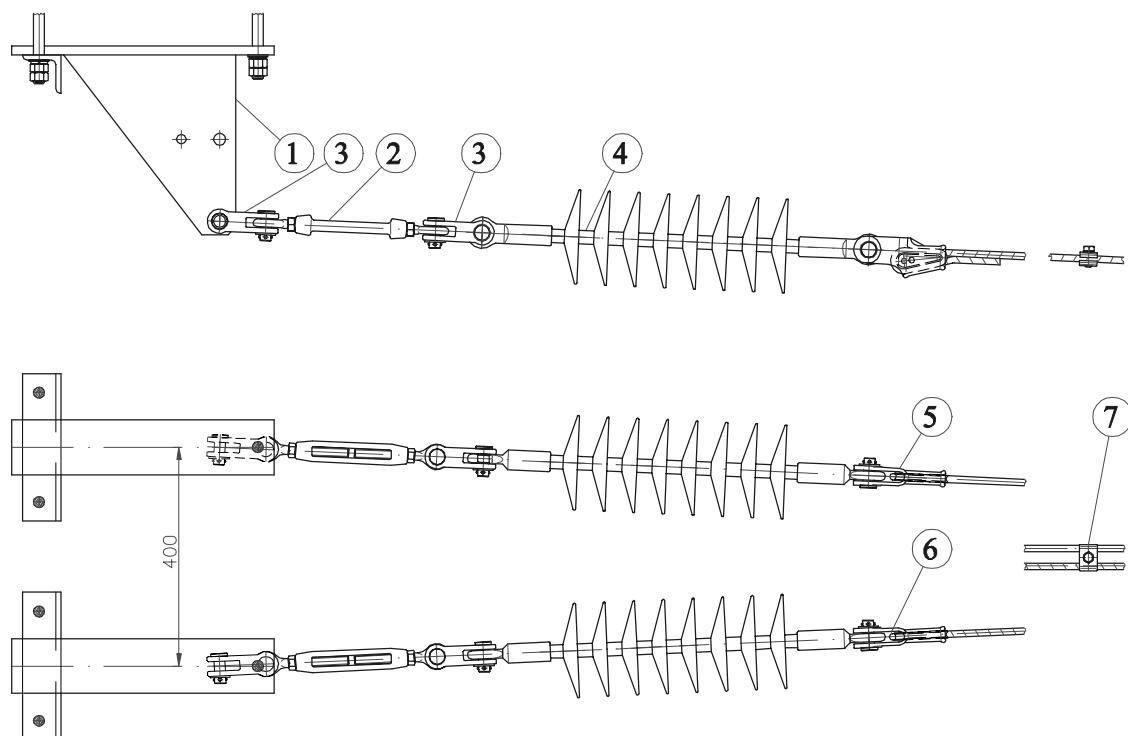
Tip 2



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

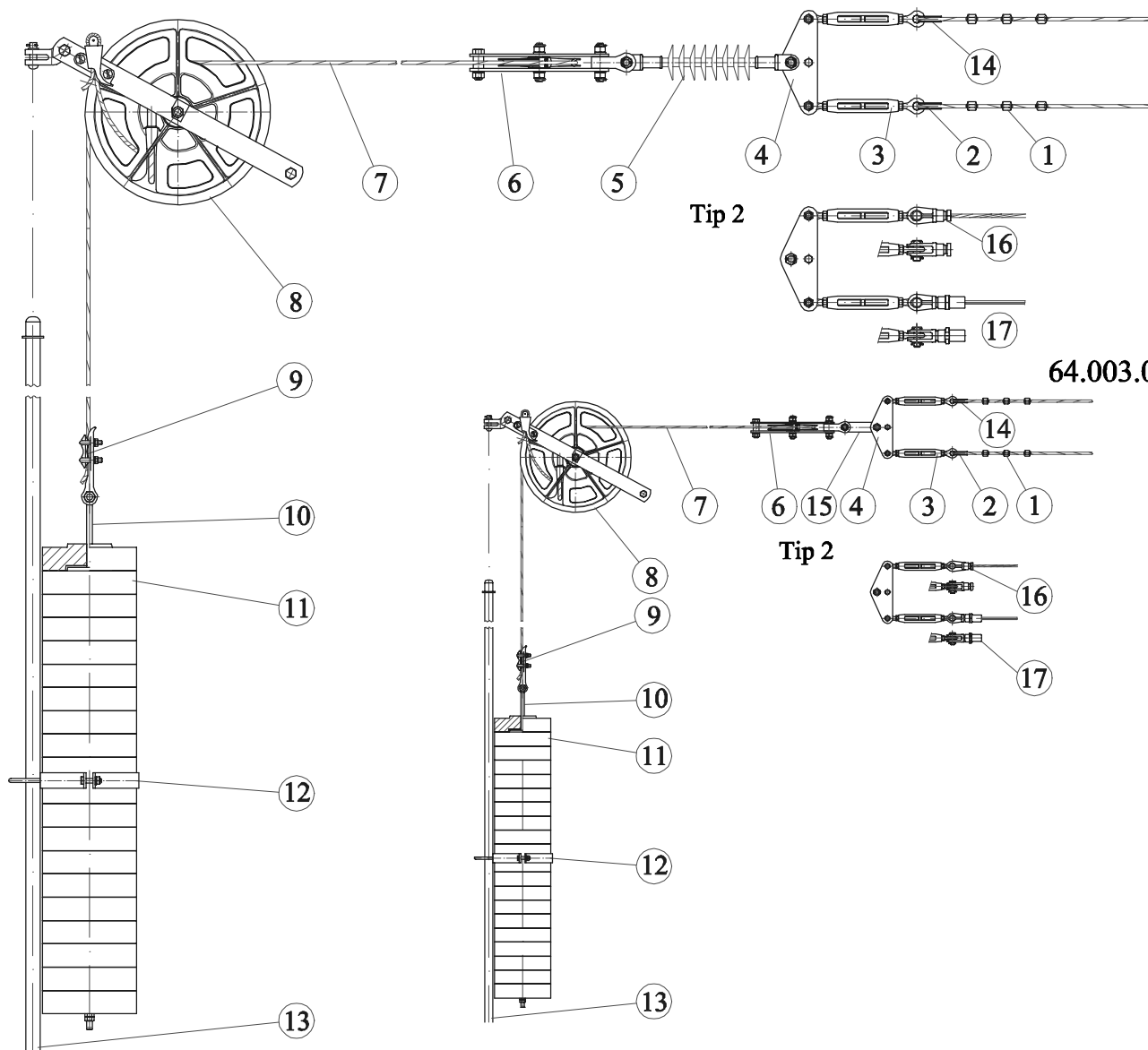
64.001.575



Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	2	Pričvrtnik 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

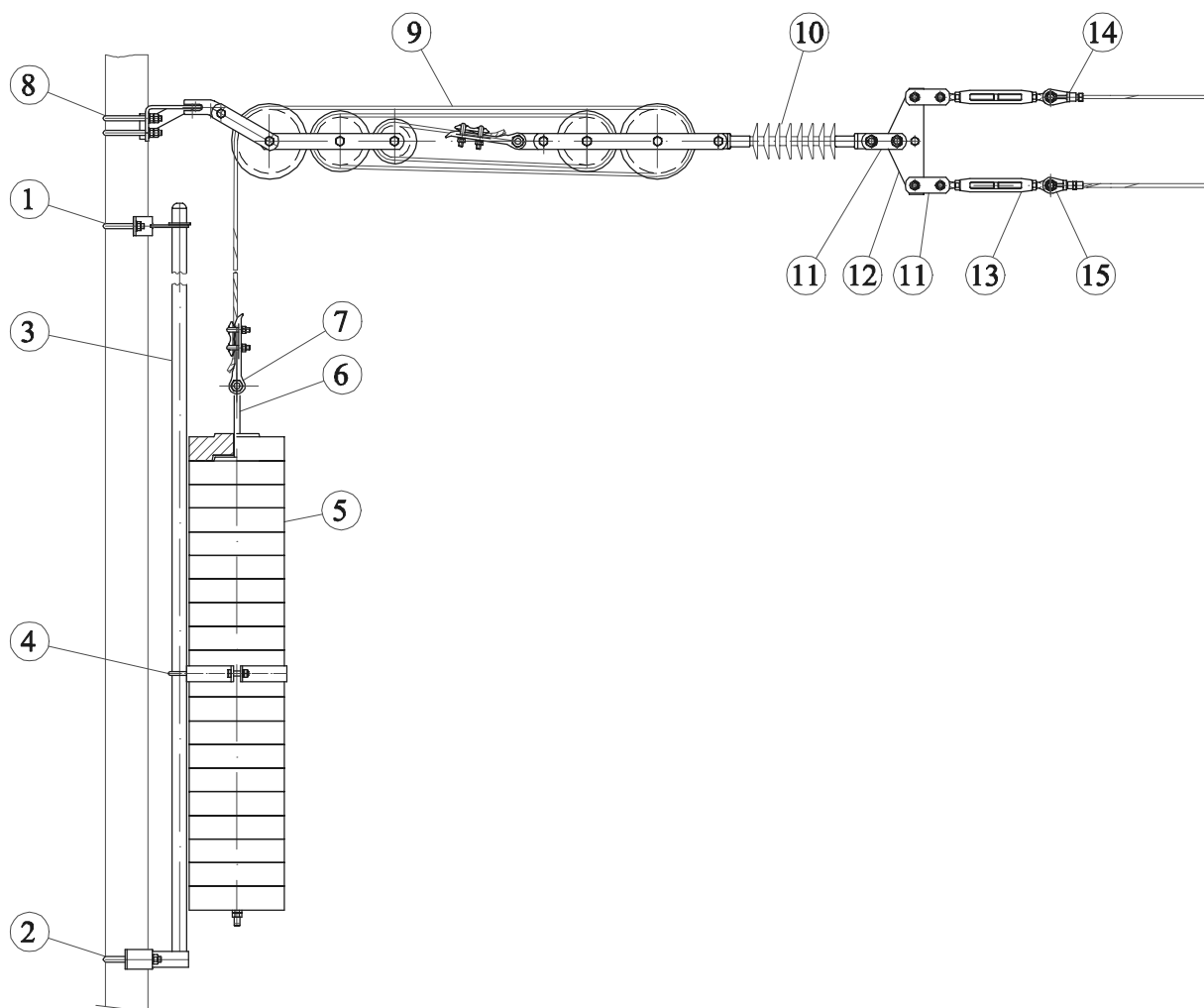


64.003.011

Poz Item	Kom Pcs				Naziv sklopa Description	Kat.br. Cat.No.
	004	tip2	011	tip2		
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 / Pulley 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 kontakti vodič / Tension clamp for contact cable	64.502.550

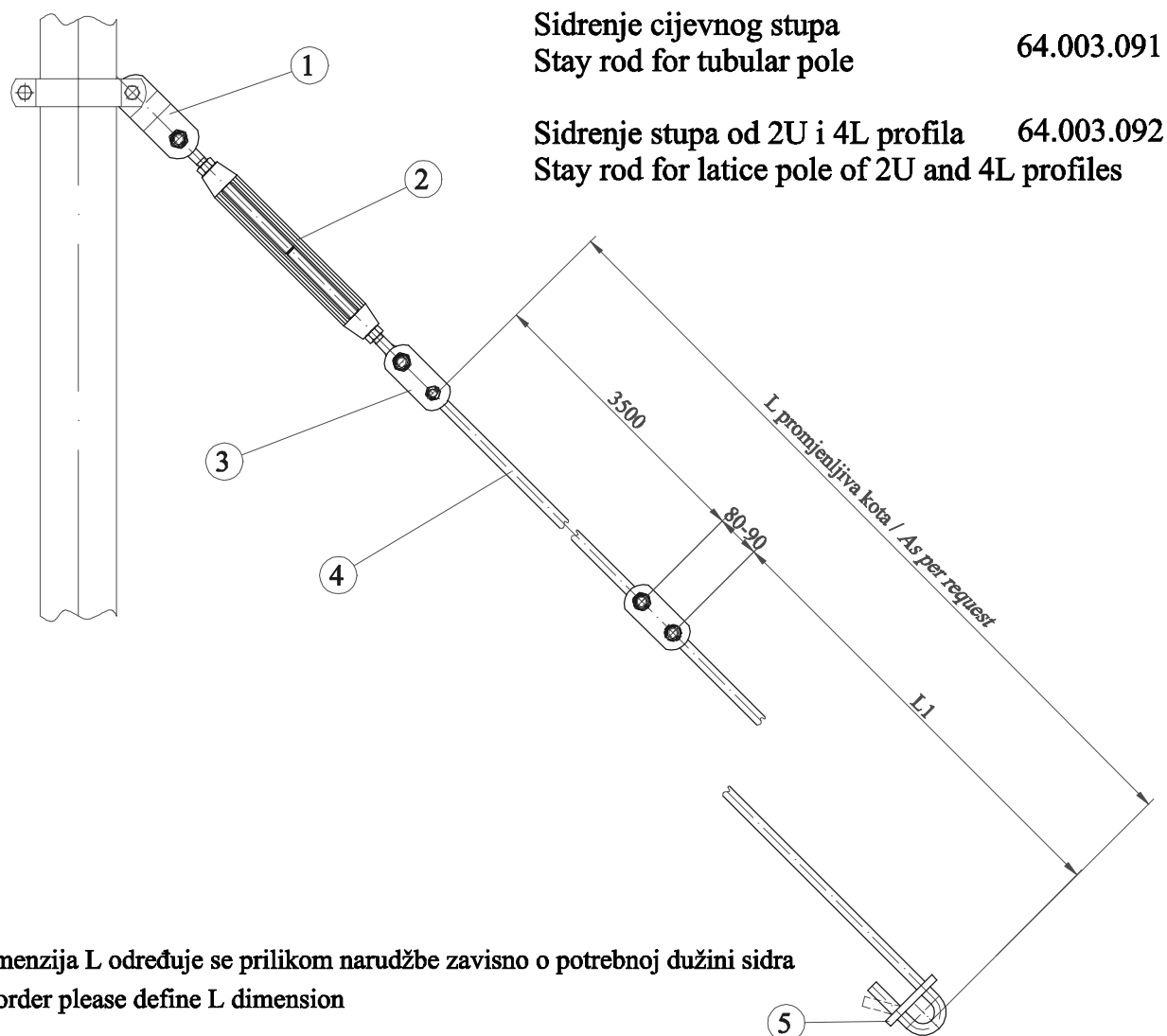
AUTOMATSKO ZATEZANJE VOZNOG VODA CONTACT WIRE AND CATENARY REGULATED TERMINATION

64.003.004A



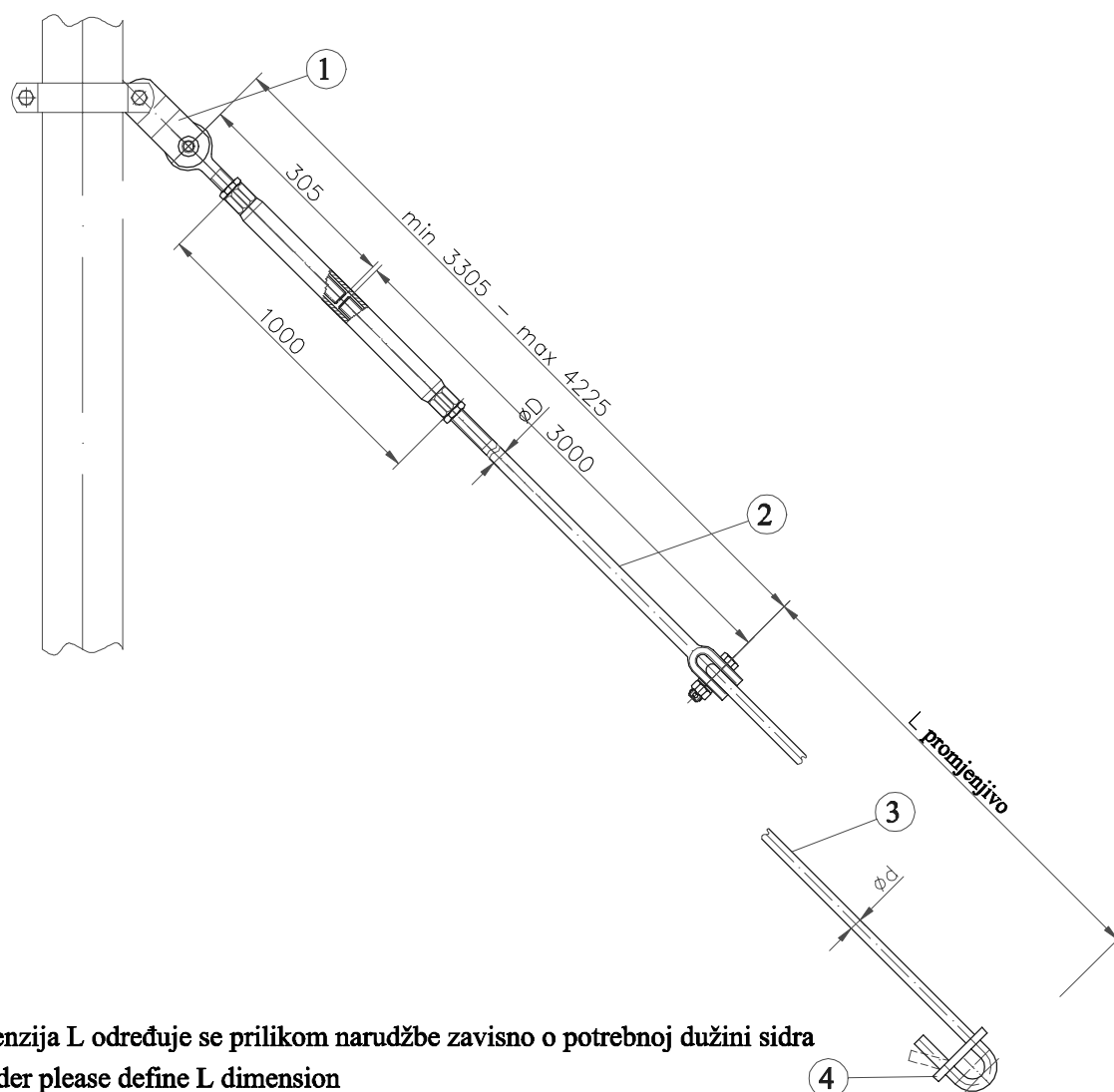
Poz Item	Kom Pcs	Naziv sklopa Description	Kat.br. Cat.No.
1	1	Gornji prič vrsnik vodilice utega za cijevni stup / Upper fastener for weight tube	43.64.012
2	1	Donji prič vrsnik vodilice utega za cijevni stup / Bottom fastener for weight tube	43.64.013
3	1	Vodilica utega / Weight guide	43.64.175.2
4	1	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	Prič vrsnik automatskog zatezanja / Fastener for automatic tensioner	43.64.171
9	1	Koloturnik komplet / Running block attachment	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 kontakti vodič / Tension clamp for contact cable	64.502.550

SIDRENJE STUPA STAY ROD



Poz Item	Kom/Pcs Tip/Type			Naziv sklopa Description	Kat.br. Cat.No.
	18	20	24		
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



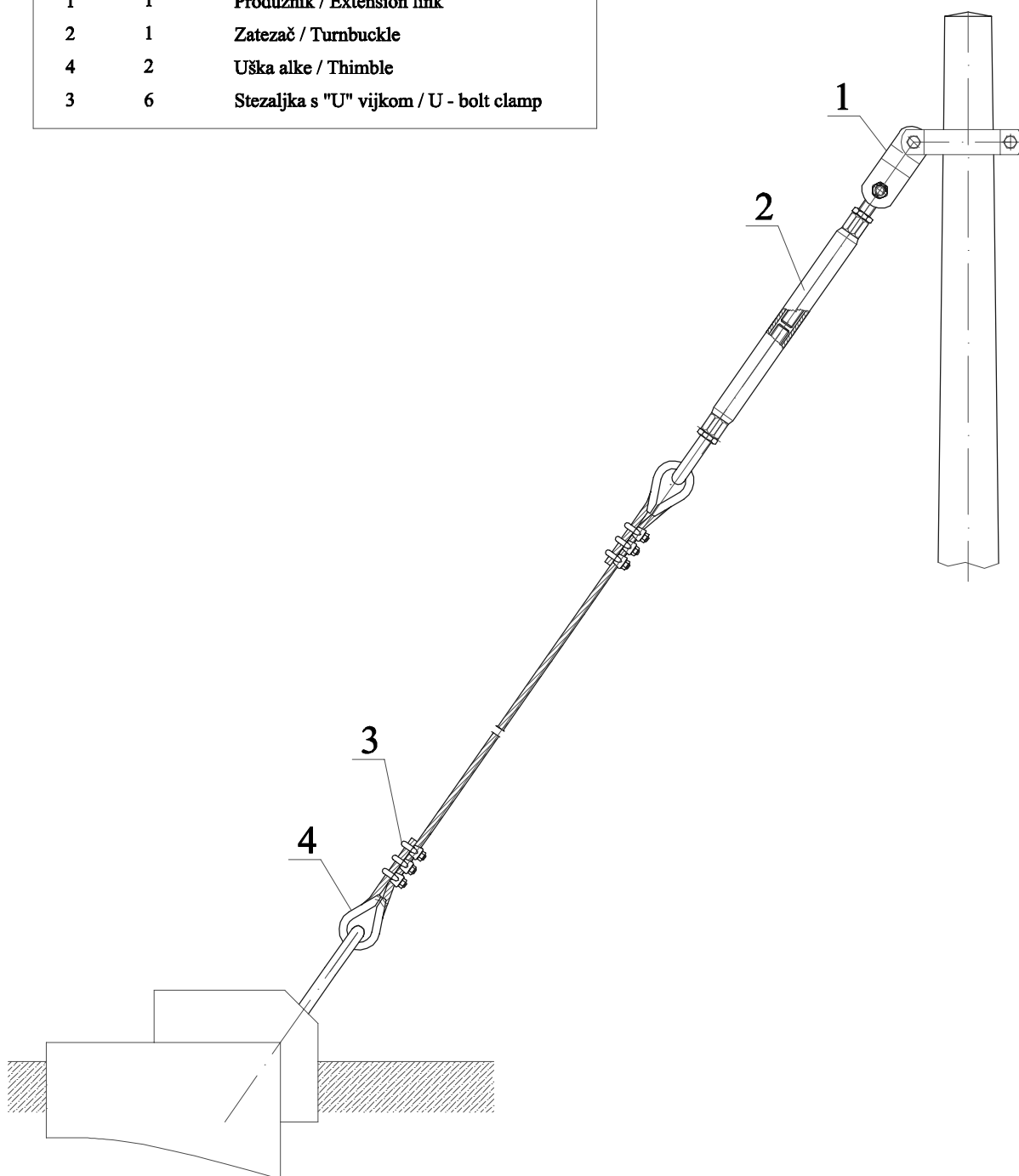
Dimenzija L određuje se prilikom narudžbe zavisno o potrebnoj dužini sidra
In order please define L dimension

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

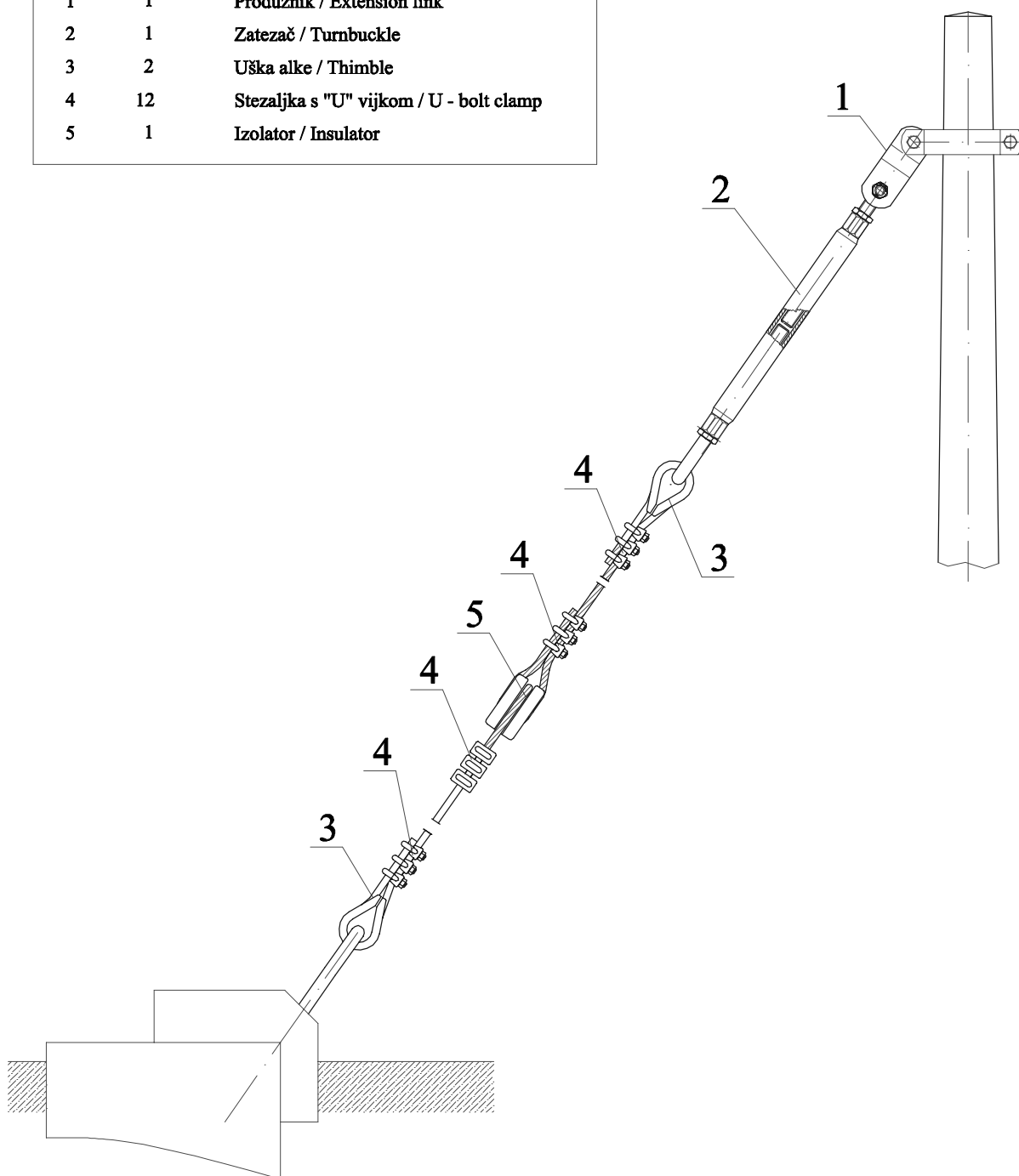
Poz. Item	Kom. Pcs.	Opis Description
1	1	Produžnik / Extension link
2	1	Zatezač / Turnbuckle
4	2	Uška alke / Thimble
3	6	Stezaljka s "U" vijkom / U - bolt clamp



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

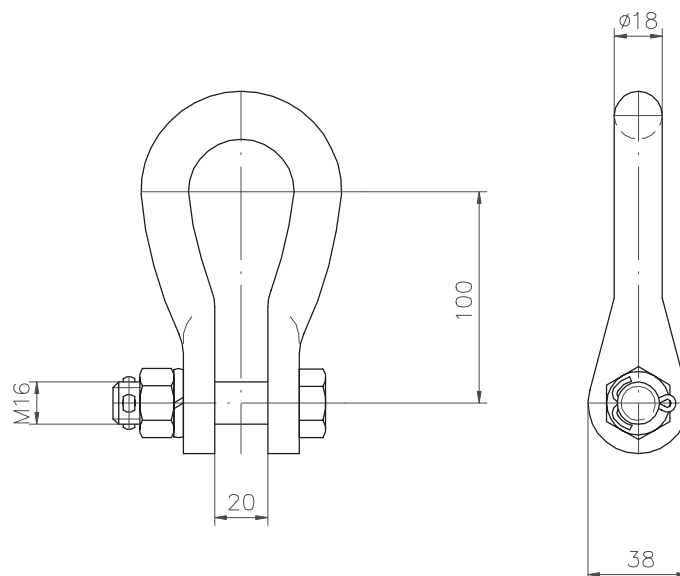
64.300.300

Materijal: kovani čelik DIN 17200, vruće pocinčano

Masa: 0,76 kg

Material : drop forged steel DIN 17200, hot dip galvanized

Mass: 0,76 kg



PRODUŽNIK EXTENSION LINK

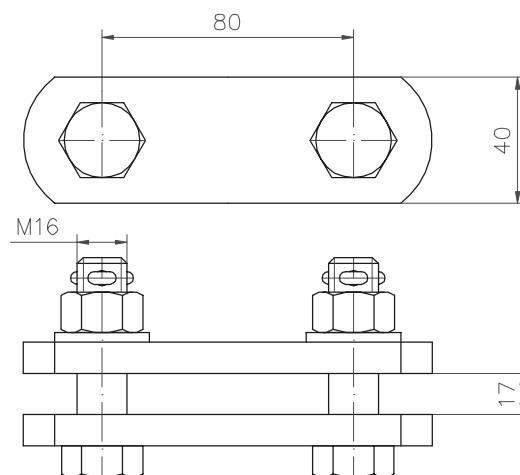
64.300.500

Materijal: čelik DIN 17100, vruće pocinčano

Masa: 1,21 kg

Material : steel DIN 17100, hot dip galvanized

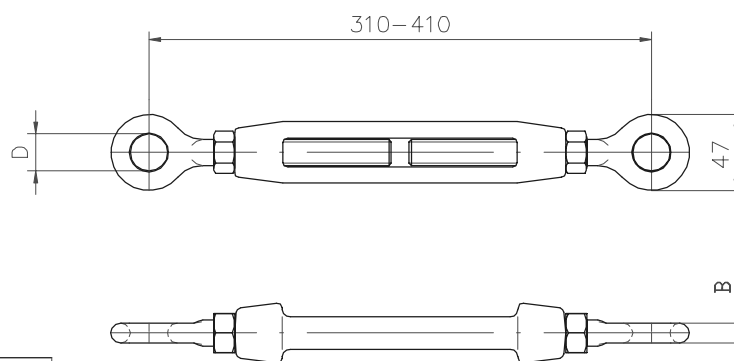
Mass: 1,21 kg



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	
64.300.600	23	12	1,10
64.350.600	21	14	1,10

KOMPENZACIONA PLOČA YOKE

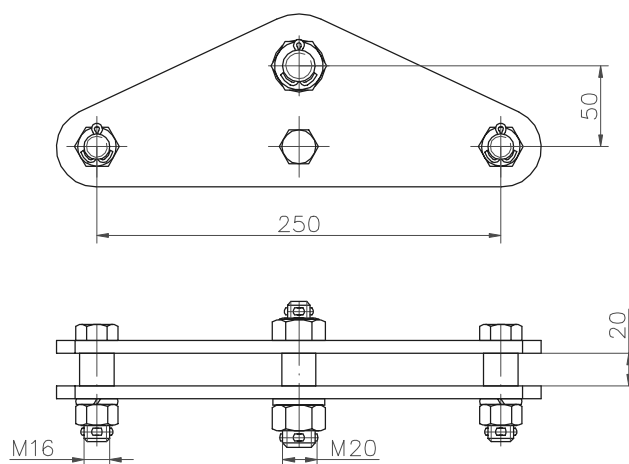
64.300.800

Materijal: čelik DIN 17100, vruće pocinčano

Masa: 3,20 kg

Material : steel DIN 17100, hot dip galvanized

Mass: 3,20 kg



KOMPENZACIONA PLOČA YOKE

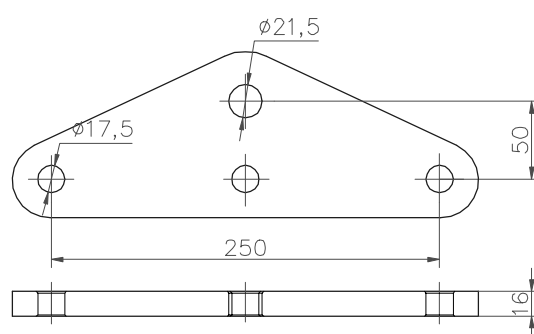
43.64.173.2

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

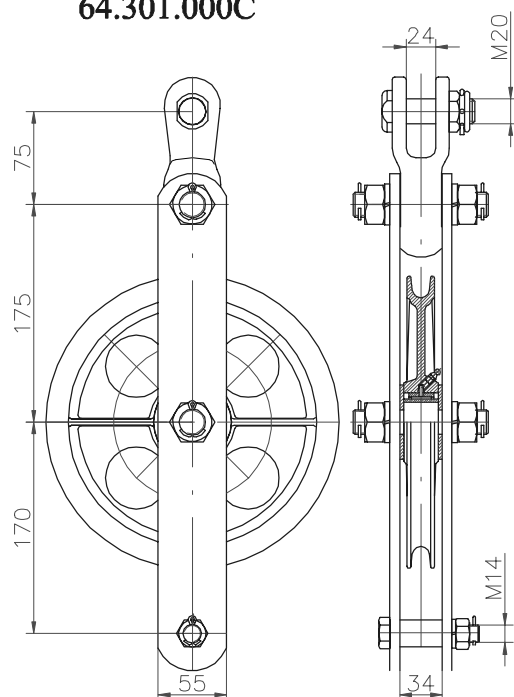
Materijal: aluminijaska bronca, DIN17656/17665

Masa: 8,25 kg

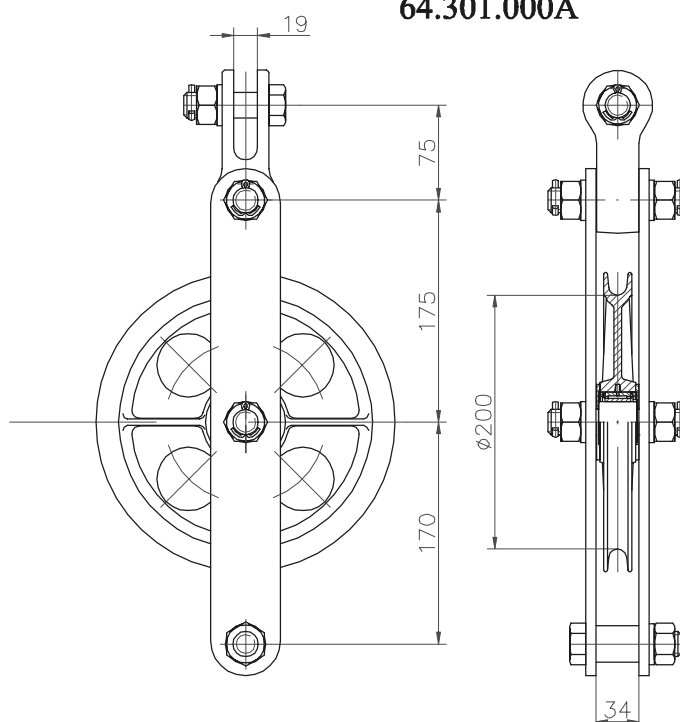
Material : aluminium bronze, DIN 17656/17665

Mass: 8,25 kg

64.301.000C



64.301.000A



DIFERENCIJALNA KOLOTURA UREĐAJA ZA AUTOMATSKO ZATEZANJE REGULATING EQUIPMENT

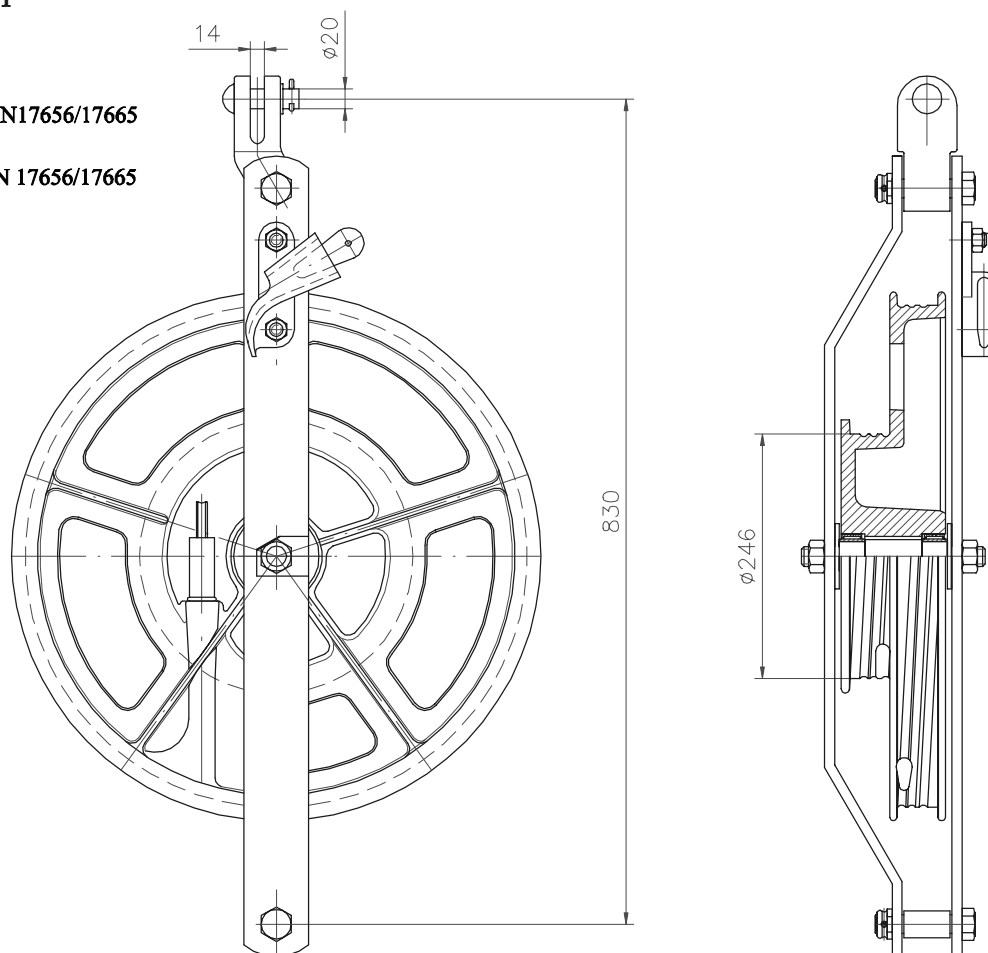
64.301.100A

Materijal: aluminijumska 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

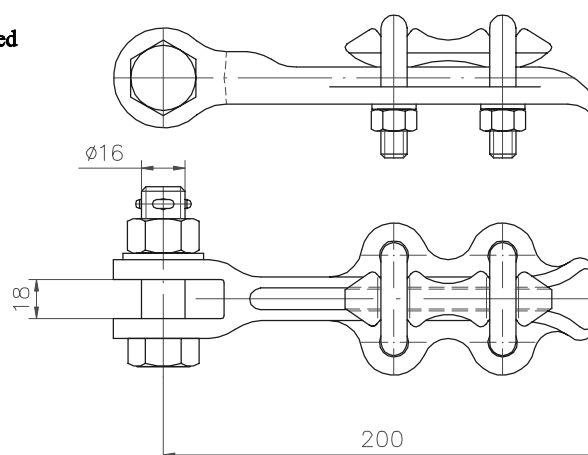
64.301.200

Materijal: kovani čelik DIN 17200, vruće pocinčano

Masa: 1,00 kg

Material : drop forged steel DIN 17200, hot dip galvanized

Mass: 1,00 kg

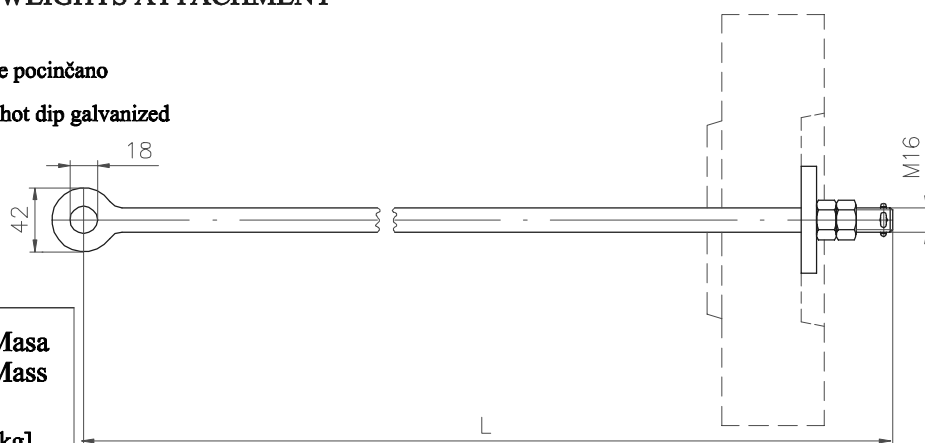


VIJAK S OČKOM ZA OVJEŠENJE UTEGA BOLT WITH EYE FOR COUNTERWEIGHTS ATTACHMENT

Materijal: kovani čelik DIN 17200, vruće pocinčano

Material : drop forged 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

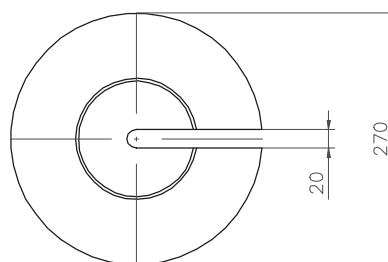
64.301.400

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

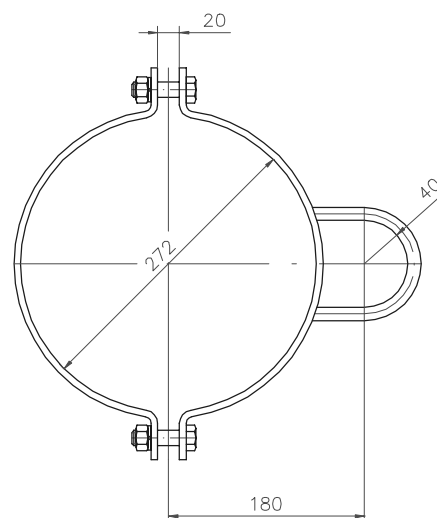
64.301.500

Materijal: čelik DIN 17100, vruće pocinčano

Masa: 2,45 kg

Material : steel DIN 17100, hot dip galvanized

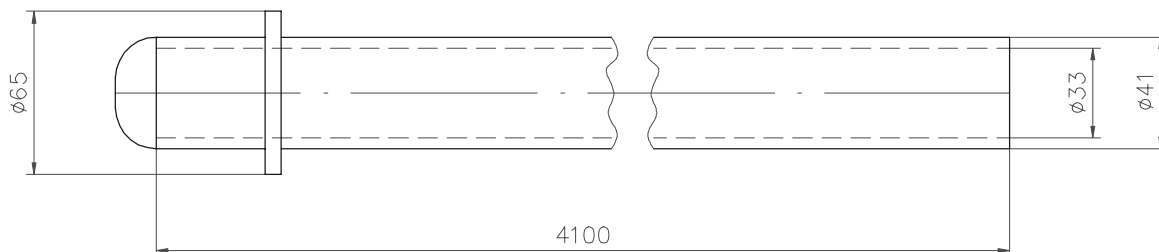
Mass: 2,45 kg



VODILICA UTEGA WEIGHT GUIDE

64.301.600

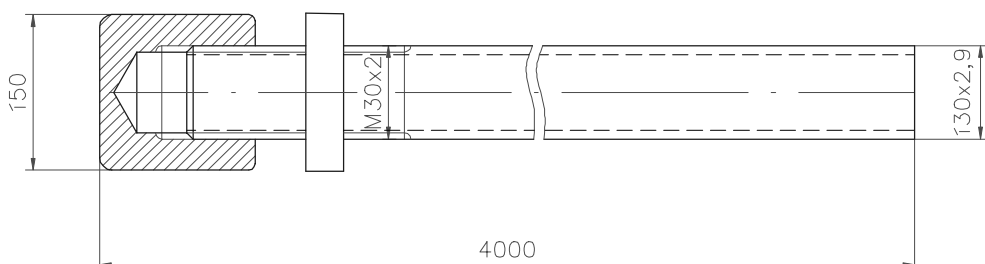
Materijal: čelik DIN 17100, vruće pocinčano
Masa: 16,20 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 16,20 kg



VODILICA UTEGA WEIGHT GUIDE

43.64.175.2

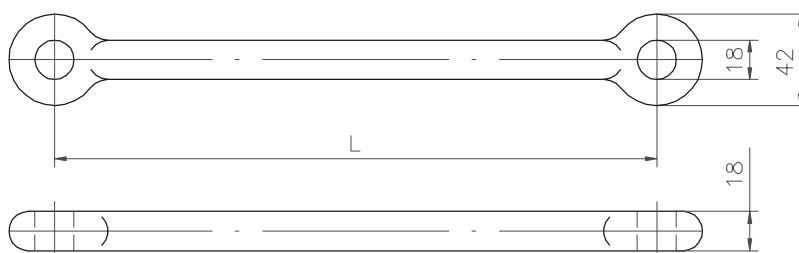
Materijal: čelik DIN 17100, vruće pocinčano
Masa: 9,20 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 9,20 kg



PRODUŽNIK EXTENSION LINK

64.301.700

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

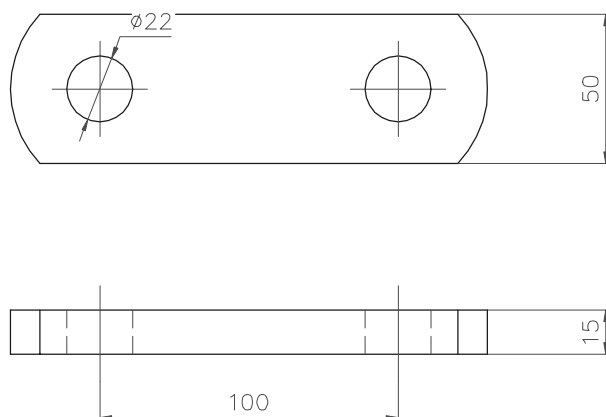


Tip / Type	A	B	C
Dužina / Length L [mm]	1000	1500	2000
Masa / Mass [kg]	1,85	2,60	3,50

PRODUŽNIK EXTENSION LINK

64.302.900

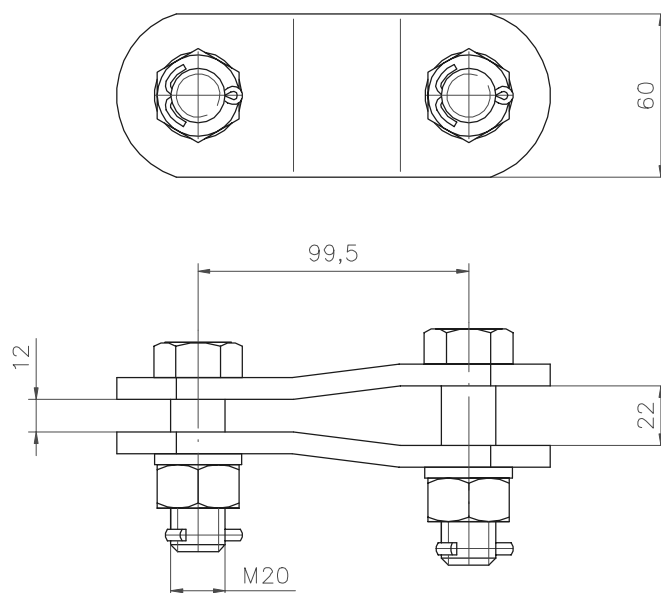
Materijal: čelik DIN 17100, vruće pocinčano
Masa: 0,95 kg
Material : steel DIN 17100, hot dip galvanized
Mass: 0,95 kg



PRODUŽNIK SIDRA EXTENSION LINK

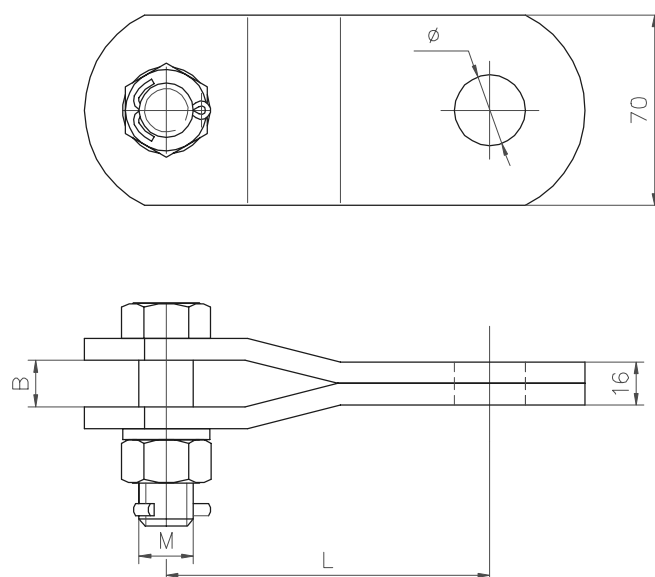
64.303.000

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

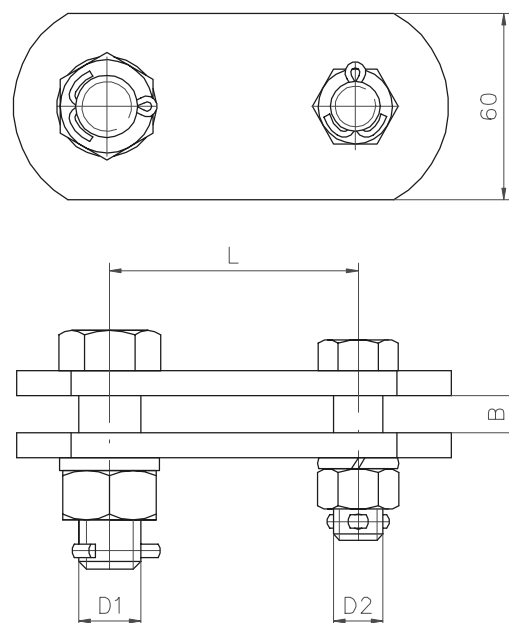


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions				Masa Mass
		L	B [mm]	M	Ø	
64.303.100	18/20	119	17	20	22	1,90
64.303.200	24	128,5	22	24	26	2,17

PRODUŽNIK SIDRA EXTENSION LINK FOR STAY ROD

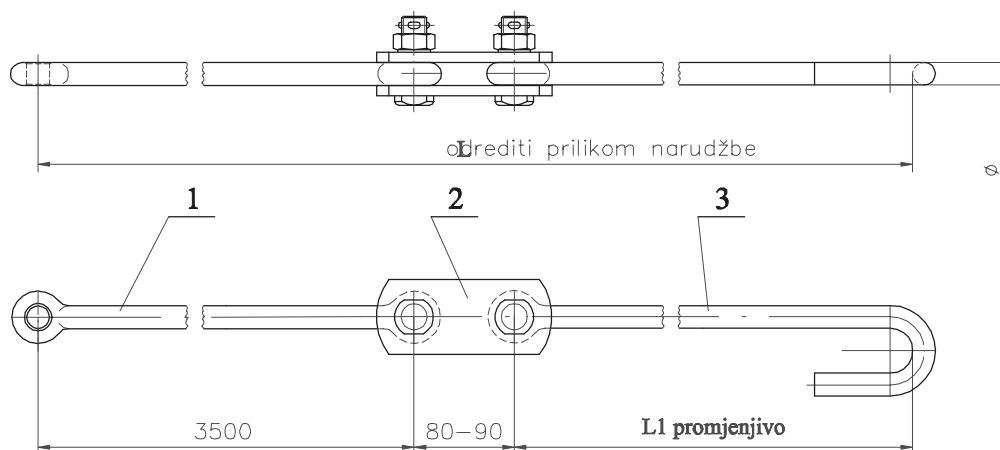
Materijal: čelik DIN 17100, vruće pocinčano
Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions				Masa Mass [kg]
		L [mm]	B [mm]	D1	D2	
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.			Naziv sklopa Description
	64.303.800M Ø 18 [mm]	64.303.900M Ø 20 [mm]	64.304.000M Ø 24 [mm]	
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

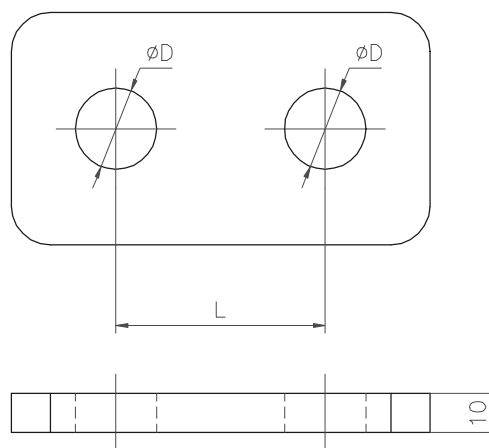
PRODUŽNIK EXTENSION LINK

64.304.100

Materijal: čelik DIN 17100, vruće pocinčano

Material: steel DIN 17100, hot dip galvanized

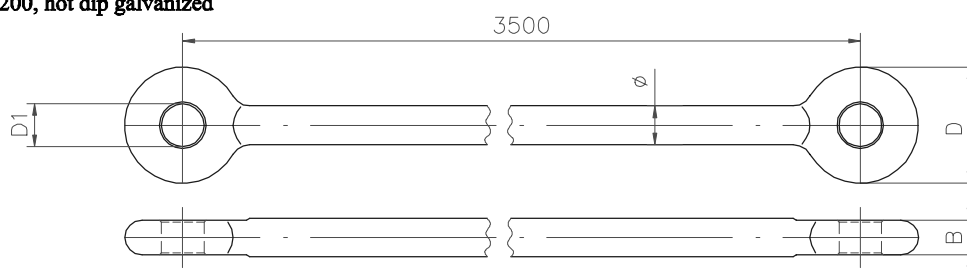
Dimenzije/ Dimensions		Tip / Type		
		A	B	C
L	[mm]	54	60	72
ØD	[mm]	21	23	27
Masa / Mass	[kg]	0,37	0,48	0,67



PRODUŽNIK SIDRA EXTENSION LINK FOR STAY ROD

Materijal: kovani čelik DIN 17200, vruće pocinčano

Material: drop forged steel DIN 17200, hot dip galvanized

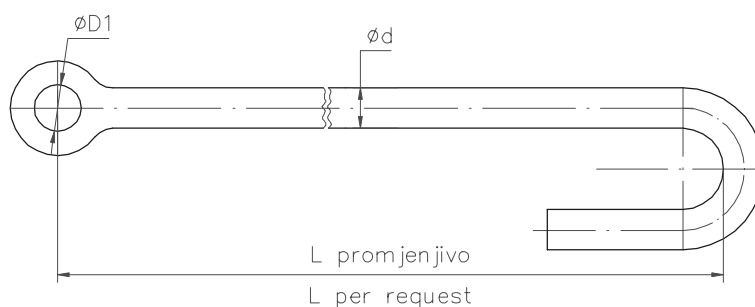


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions				Masa Mass [kg]
		D	D1 [mm]	B	Ø	
64.306.100	18	42	18	18	18	7,50
64.306.200	20	60	22	18	20	10,00
64.306.300	24	60	26	20	24	13,60

PRODUŽNIK SIDRA S KUKOM EXTENSION LINK FOR STAY ROD WITH HOOK

Materijal: kovani čelik DIN 17200, vruće pocinčano

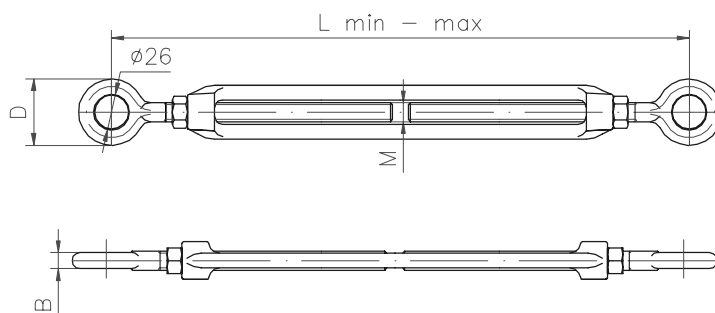
Material: drop forged steel DIN 17200, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions	
		Ød	ØD1 [mm]
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

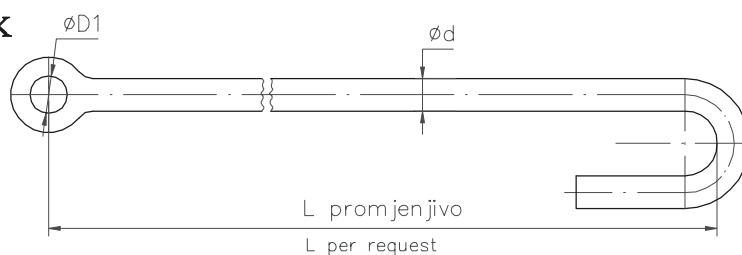
Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized



Kat. br. Cat. No.	Tip Type	Dužina Length L min - max	Dimenzije Dimensions M D B [mm]			Masa Mass [kg]
			M	D	B	
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

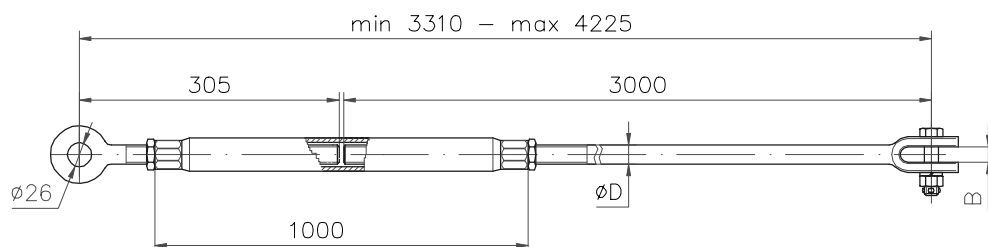
PRODUŽNIK SIDRA S KUKOM EXTENSION LINK FOR STAY ROD WITH HOOK

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				
		Ød	ØD1	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



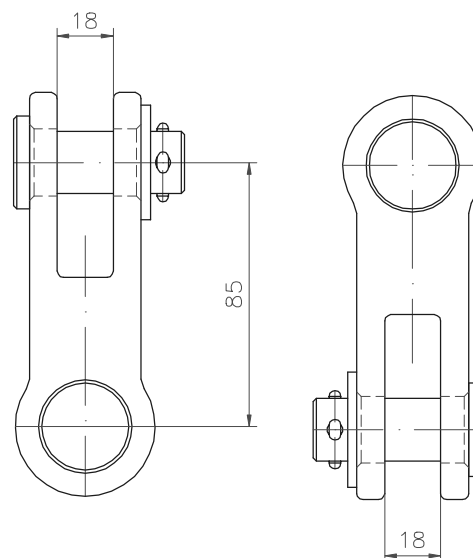
Materijal: kovani čelik DIN 17200, vruće pocinčano
Material : drop forged steel DIN 17200, hot dip galvanized

Kat. br. Cat. No.	Tip Type	Dužina Length L min - max	Dimenzije Dimensions M D B [mm]			Masa Mass [kg]
			M	D	B	
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

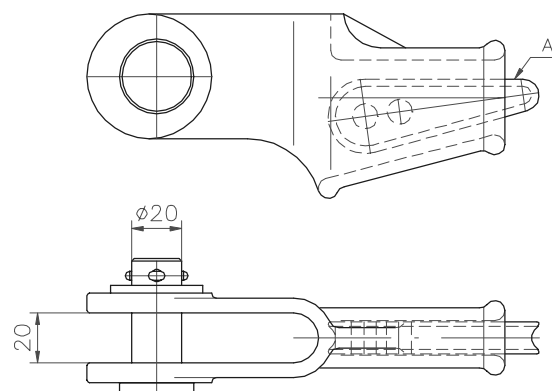


ZAVRŠNA STEZALJKA TENSION CLAMP

65.30.300

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

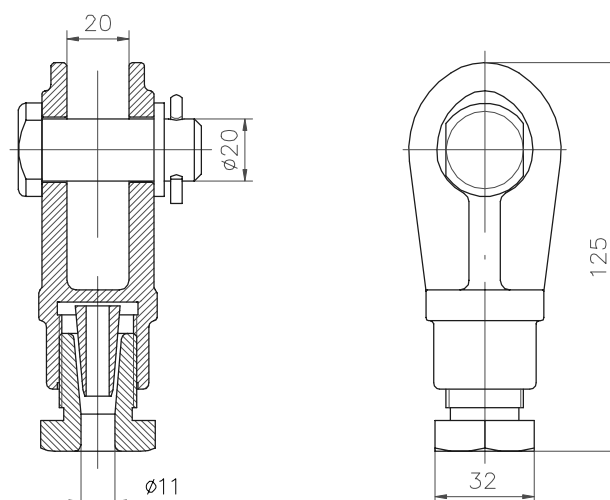
Tip / Type	A	B	C	D
Uže / Cable [mm ²]	70	95	100	120
Masa / Mass [kg]	1,09	1,12	1,50	1,55



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 VODIČ TENSION CLAMP FOR CONTACT WIRE

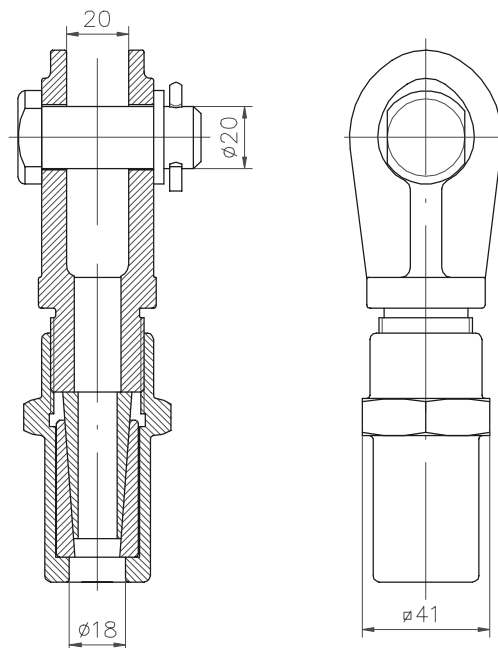
64.502.550

Materijal: aluminijška 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

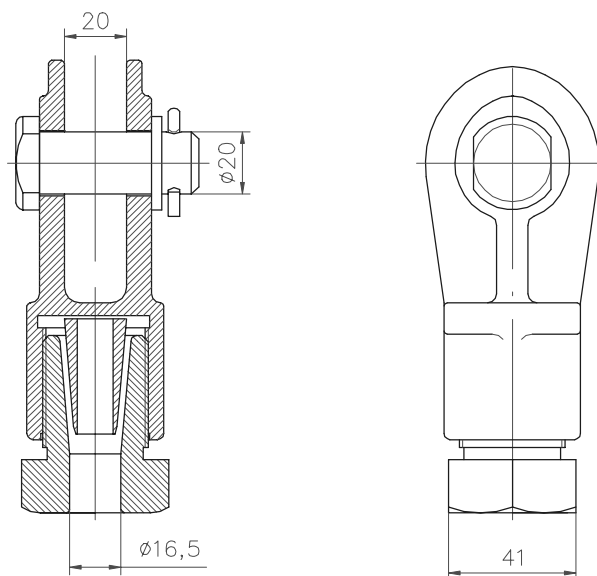
64.502.650

Materijal: aluminijška bronca, DIN17656/17665

Masa: 1,10 kg

Material : aluminium bronze, DIN 17656/17665

Mass: 1,10 kg

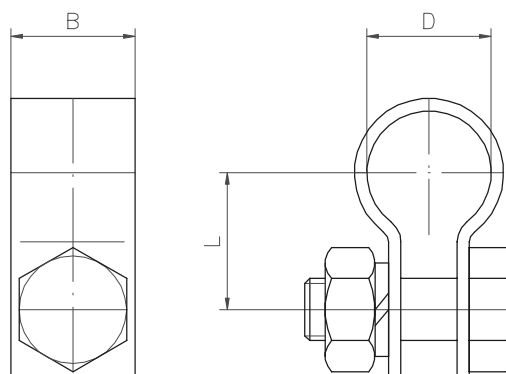


STEZALJKA ZA IZOLATOR CLAMP FOR INSULATOR

Materijal: čelik DIN 17100, vruće pocinčano

Material : steel DIN 17100, hot dip galvanized

Kat. br. Cat. No.	Dimenzije Dimensions			Masa Mass
	L	B [mm]	D	
64.400.300	22	20	20	0,081
64.452.800D	35	24	39	0,10



UNIVERZALNA STEZALJKA
PARALLEL GROOVE CLAMP

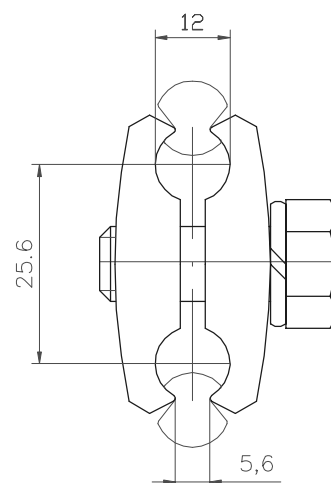
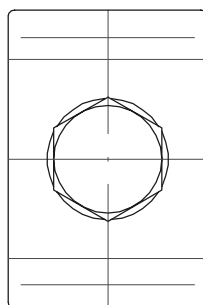
64.550.100

Materijal: aluminijaska bronca, DIN17656/17665

Masa: 0,29 kg

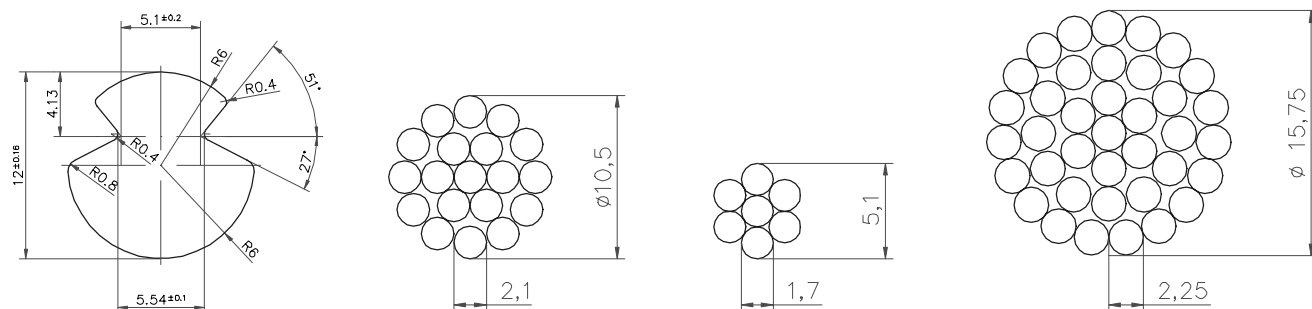
Material : aluminium bronze, DIN 17656/17665

Mass: 0,29 kg



MEHANIČKI PODACI VODIČA KONTAKTNE MREŽE

MECHANICAL DATA FOR CABLES

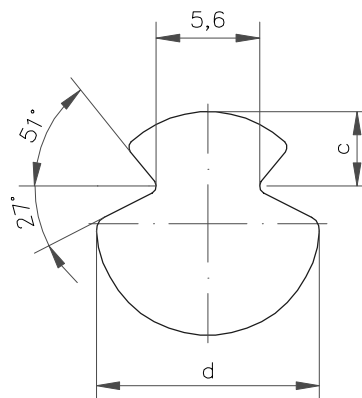


		Kontaktни vodič Contact wire	Nosivo užе Catenary cable	Obilazni vod Bypass conductor	Y užе Y cable	Žica za vješaljku Dropper wire	
Kataloški broj / Catalogue number		64.500.200	64.500.100	64.501.800	64.501.600		
Konstrukcija / Construction		puni profil / full profile	19 x 2,1	37 x 2,25	7 x 1,7	puni profil / full profile	puni profil / full profile
Materijal / Material		tvrdi bakar / hard copper	bronca / bronze	tvrdi bakar / hard copper	tvrdi bakar / hard copper	nehr. čelik / stainless 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 x 10 ⁻⁶	1,7 x 10 ⁻⁶	1,7 x 10 ⁻⁶	1,7 x 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 VODIČI CONTACT WIRES

Materijal: E-Cu, DIN 43141

Material : E-Cu, DIN 43141

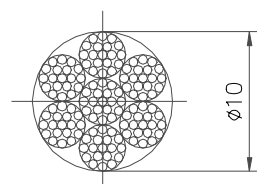


Tip Type	Presjek Cross section	Dimenzije Dimensions		Prekidna sila Tensile strength	Masa Mass
	[mm ²]	d [mm]	c [mm]	[N/mm ²]	[kg/m]
Ri80	80	10,6	3,8	355	0,71
Ri100	100	12,0	4,0	350	0,89
Ri120	120	13,2	4,0	330	1,07
Ri150	150	14,8	4,0	320	1,34

UŽE OD NEHRĐAJUČEG ŽELIKA STAINLESS STEEL CONDUCTOR

Materijal: nehrđajući čelik

Material : stainless steel

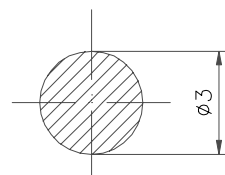


Konstrukcija Construction	Presjek Cross section	Promjer Diameter	Prekidna sila Breakin load	Masa Mass
	[mm ²]	[mm]	[daN]	[kg/m]
7 x 19	46,30	10,0	6510	0,381

ŽICA OD NEHRĐAJUČEG ŽELIKA STAINLESS STEEL WIRE

Materijal: nehrđajući čelik, DIN 17440

Material : stainless steel, DIN 17440



Tip Type	Konstrukcija Construction	Presjek Cross section	Promjer Diameter	Prekidna sila Breakin load	Masa Mass
		[mm ²]	[mm]	[N/mm ²]	[kg/m]
	puni profil	7,06	3,0	600 - 800	0,055

STEZALJKA NOSIVOG UŽETA ZA VJEŠALJKU DROPPER CLAMP ON CATENARY CABLE

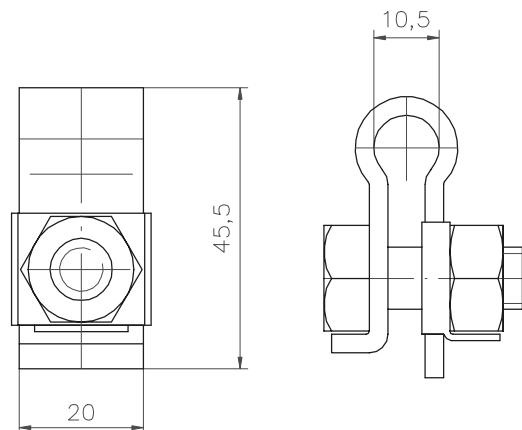
64.500.300

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

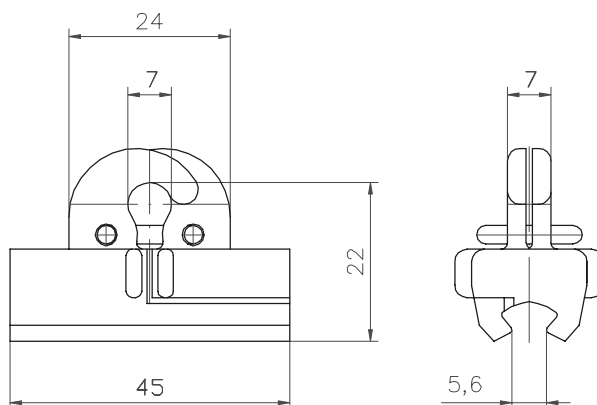
64.500.400

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

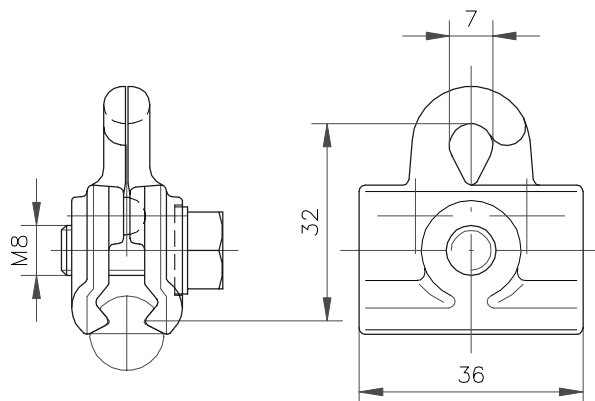
64.500.450

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

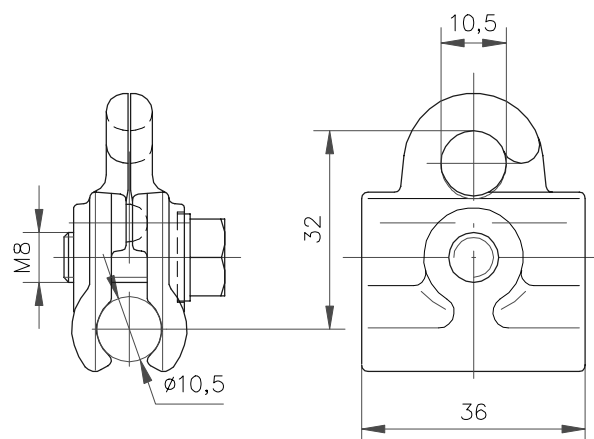
64.500.460

Materijal: aluminijska bronca, DIN17656/17665

Masa: 0,09 kg

Material : aluminium bronze, DIN 17656/17665

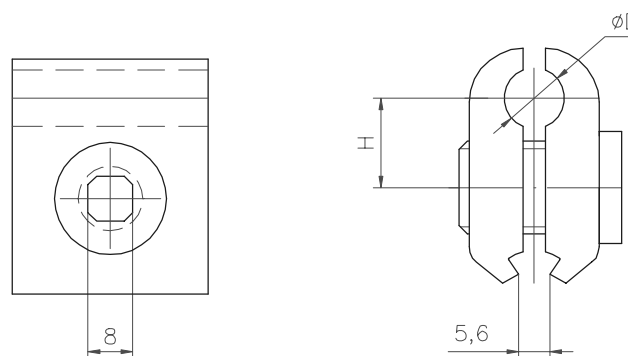
Mass: 0,09 kg



STRUJNA STEZALJKA PARALLEL GROOVE CLAMP

Materijal: aluminijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665



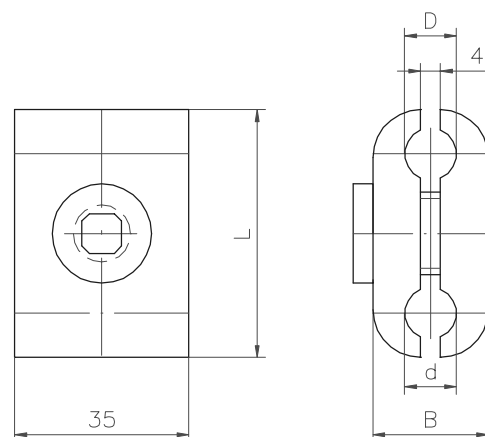
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass [kg]
		ØD [mm]	H	
64.500.600	NU-KV	10,5	16	0,21
64.500.700	KV-KV	11,8	16	0,22
64.500.800	OV-KV	15,75	18	0,26

STRUJNA STEZALJKA PARALLEL GROOVE CLAMP

Materijal: aluminijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665

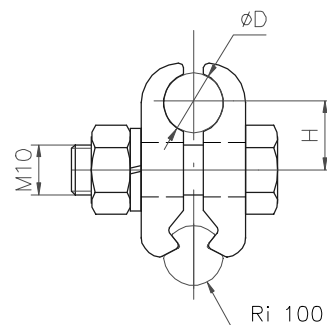
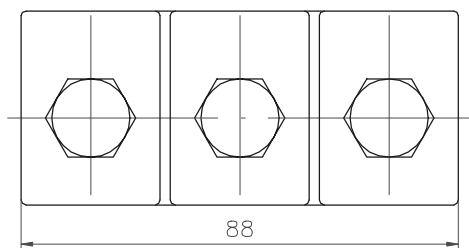
Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions				Masa Mass [kg]
		B	D [mm]	d	L	
64.500.900	NU-NU	23,2	10,5	10,5	49,8	0,24
64.501.000	OV-OV	32	16	16	59	0,39
64.501.100	OV-NU	30	15,75	10,5	54,4	0,30
64.501.200	OV-KV	30	16	11	55	0,29
64.501.300	KV-NU	24	11,8	10,5	50,4	0,234



STEZALJKA ZA KONTAKTNI VODIČ I UŽE CLAMP FOR CONTACT WIRE AND CABLE

Materijal: alumijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665

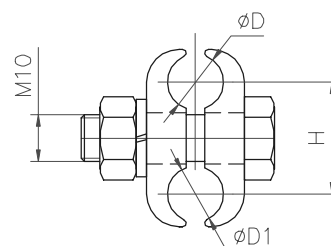
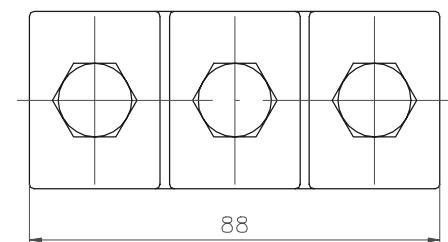


Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions		Masa Mass
		ØD [mm]	H	
64.700.300	KV - Ø12	12	13,5	0,40
64.703.320	KV - Ø10	10	12,5	0,38

STEZALJKA ZA DVA Cu VODIČA CLAMP FOR TWO Cu CABLES

Materijal: alumijska bronca, DIN17656/17665

Material : aluminium bronze, DIN 17656/17665



Kat. br. Cat. No.	Tip Type	Dimenzije Dimensions			Masa Mass
		ØD	ØD1	H	
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

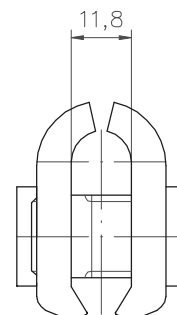
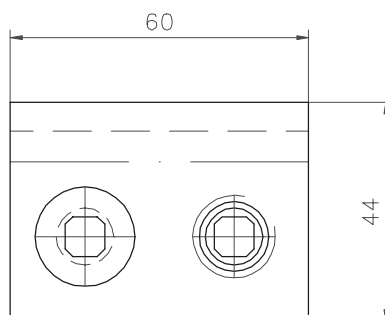
64.501.400

Materijal: alumijska 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

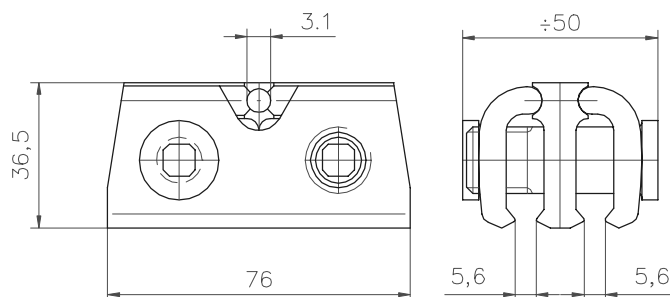
64.501.500

Materijal: aluminijiska 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

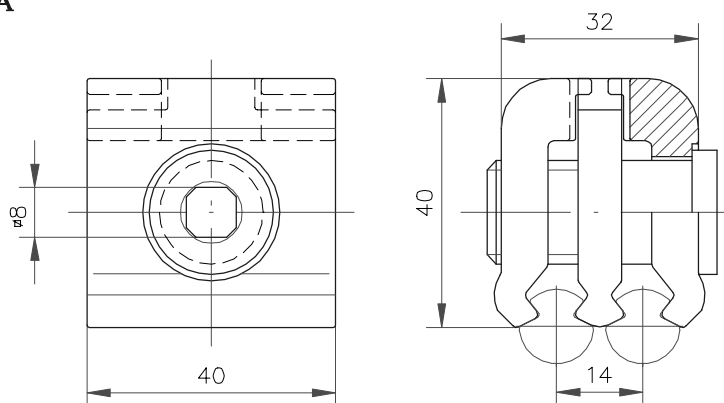
64.501.550

Materijal: aluminijiska 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

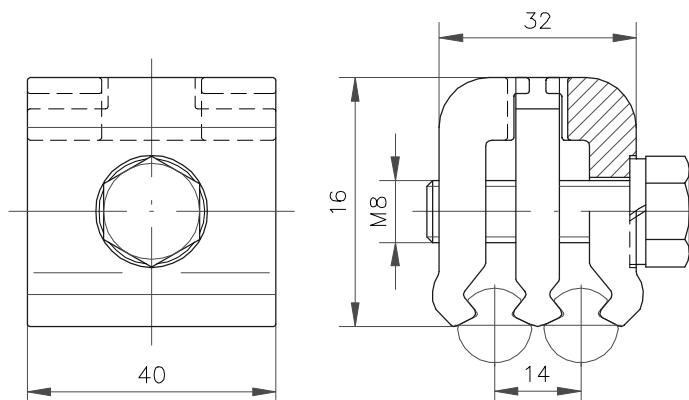
64.501.560

Materijal: aluminijiska 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

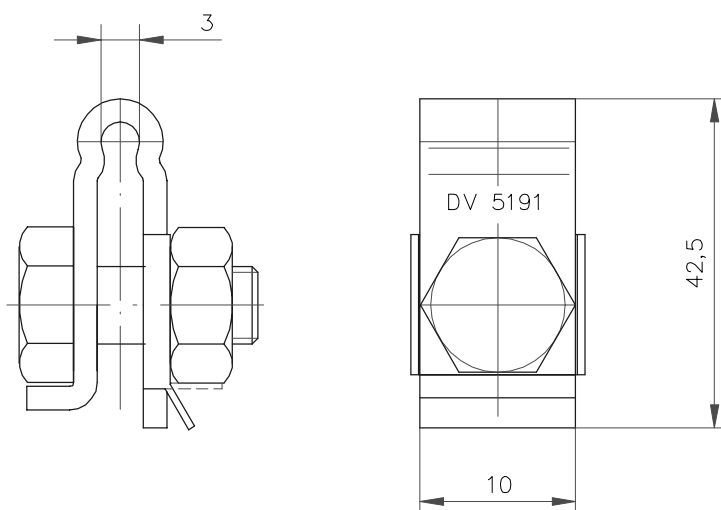
64.501.900

Materijal: bakar, DIN1708

Masa: 0,09 kg

Material : copper, DIN 1708

Mass: 0,09 kg



STEZALJKA ZA NASTAVAK I POPRAVAK KV CONTACT WIRE SPLICE

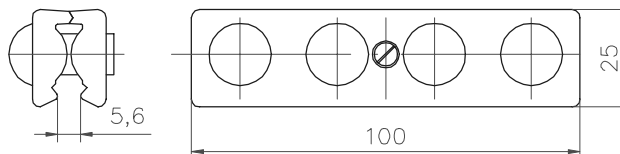
64.801.000

Materijal: aluminijiska 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

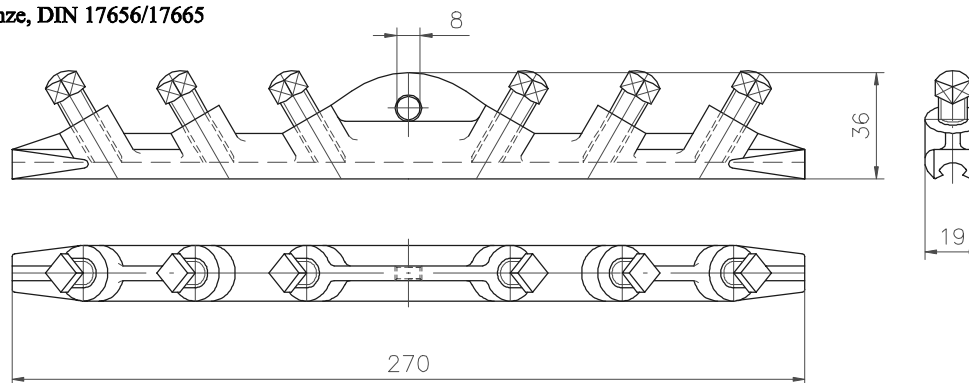
64.502.500

Materijal: aluminijiska bronca, DIN17656/17665

Masa: 0,60 kg

Material : aluminium bronze, DIN 17656/17665

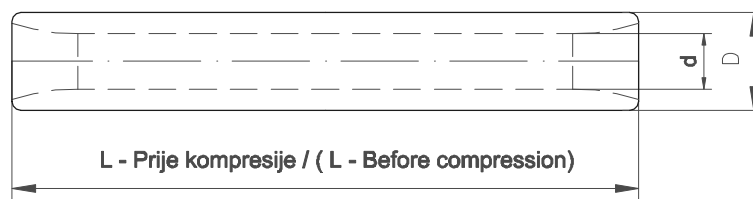
Mass: 0,60 kg



KOMPRESIONA NASTAVNA SPOJNICA COMPRESSION MIDSPAN JOINT

Materijal: bakar, DIN1708

Material : copper, DIN 1708



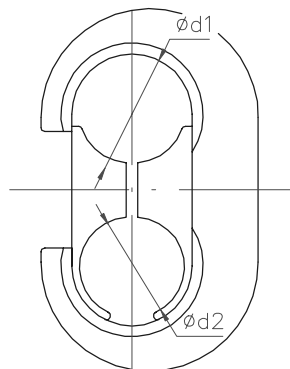
Kat. br. Cat. No.	Presjek vodiča Conductor crossection [mm ²]	Promjer vodiča Conductor diameter Ø [mm]	Dimenzije Dimensions			Masa Mass [kg]
			D	d [mm]	L	
56.212.070	25	6,3	12	7,0	100	0,07
56.214.080	35	7,5	14	8,0	140	0,12
56.215.095	50	9,0	15	9,5	160	0,17
56.218.110	70	10,5	18	11,0	180	0,25
56.220.125	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



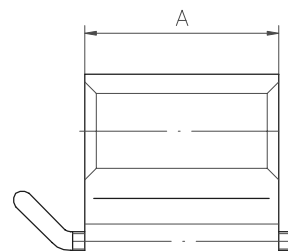
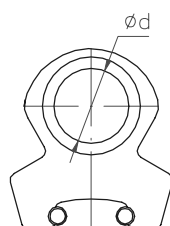
Kat. br. Cat. No.	Presjek vodiča Conductor crossection		Promjer vodiča Conductor diameter		Masa Mass
	Cu [mm ²]	Cu [mm ²]	Ød1 [mm]	Ød2 [mm]	
64.804.000	70	70	10,5	10,5	0,19
64.804.200	70	95	10,5	12,5	0,19
64.801.500	70	120	10,5	14,0	0,185
64.800.900	70	150	10,5	15,7	0,185
64.804.500	95	95	12,5	12,5	0,18
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

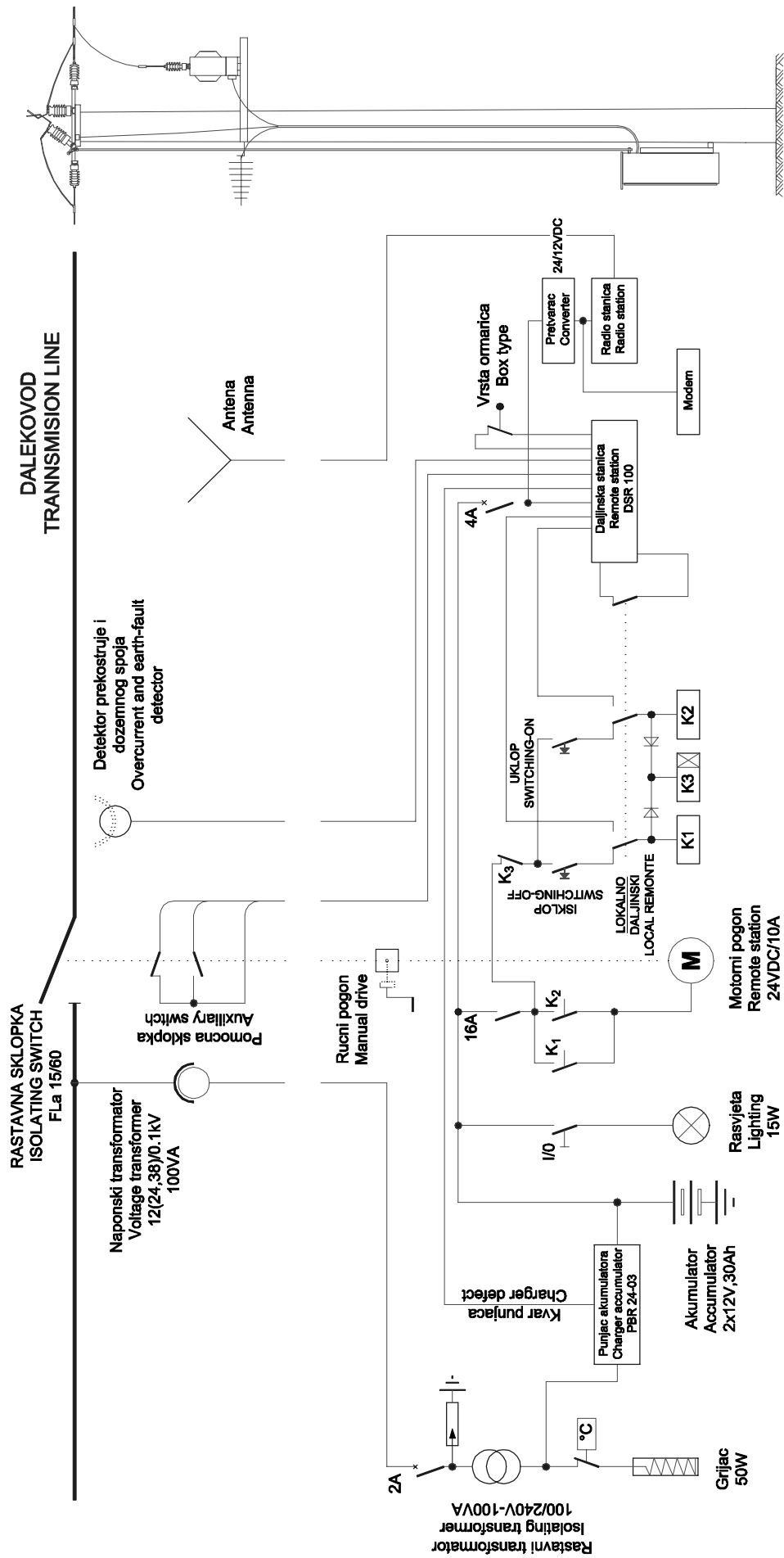
Materijal: bakar, DIN1708

Material : copper, DIN 1708



Kat. br. Cat. No.	Vodič / Conductor		Kontaktни vodič Contact wire	Dimenzije Dimensions		Masa Mass
	Presjek/ Crossection Cu [mm ²]	Promjer/ Diameter Cu [mm]		D [mm]	A [mm]	
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

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 ugrađeni daljinska stanica DSR sa komunikacijskom opremom, punjač sa aku. baterijama i motorni pogon.

Svi elementi upravljačkog sustava predviđeni 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 postojećeg 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 elements 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 equipment, 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 data

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	Consumption 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-continuous 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 permission 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:

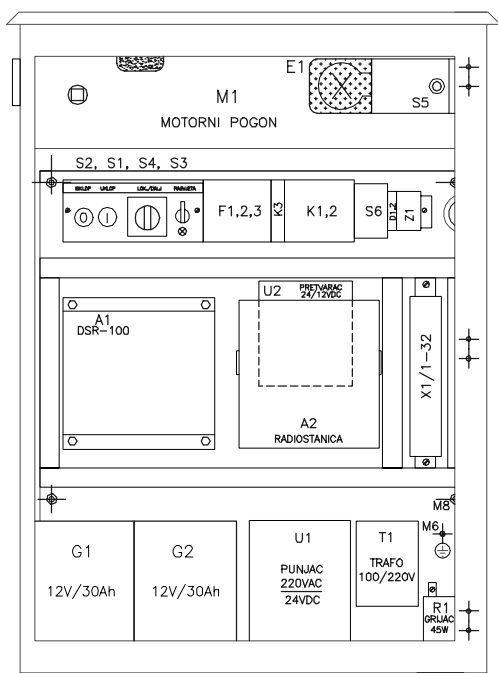
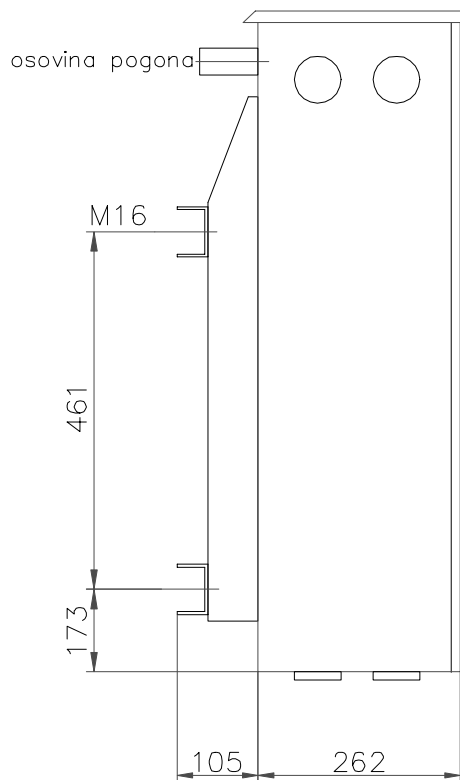
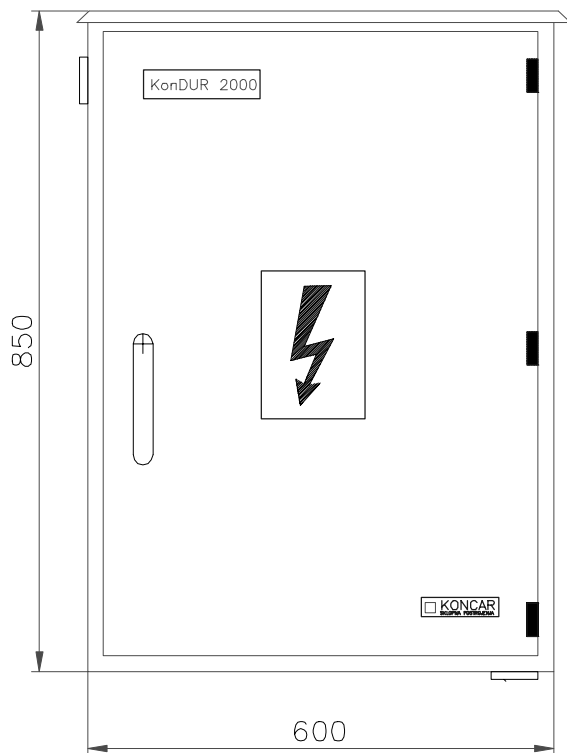
1. Remote control, defect locating and remote defect isolation
2. Remote control, defect locating and remote defect isolation by local automatic intervention
3. 1+2+ automatic network drive restoration by means of the appropriate algorithm
(Operator intervention in the Centre is not necessary)

Standards

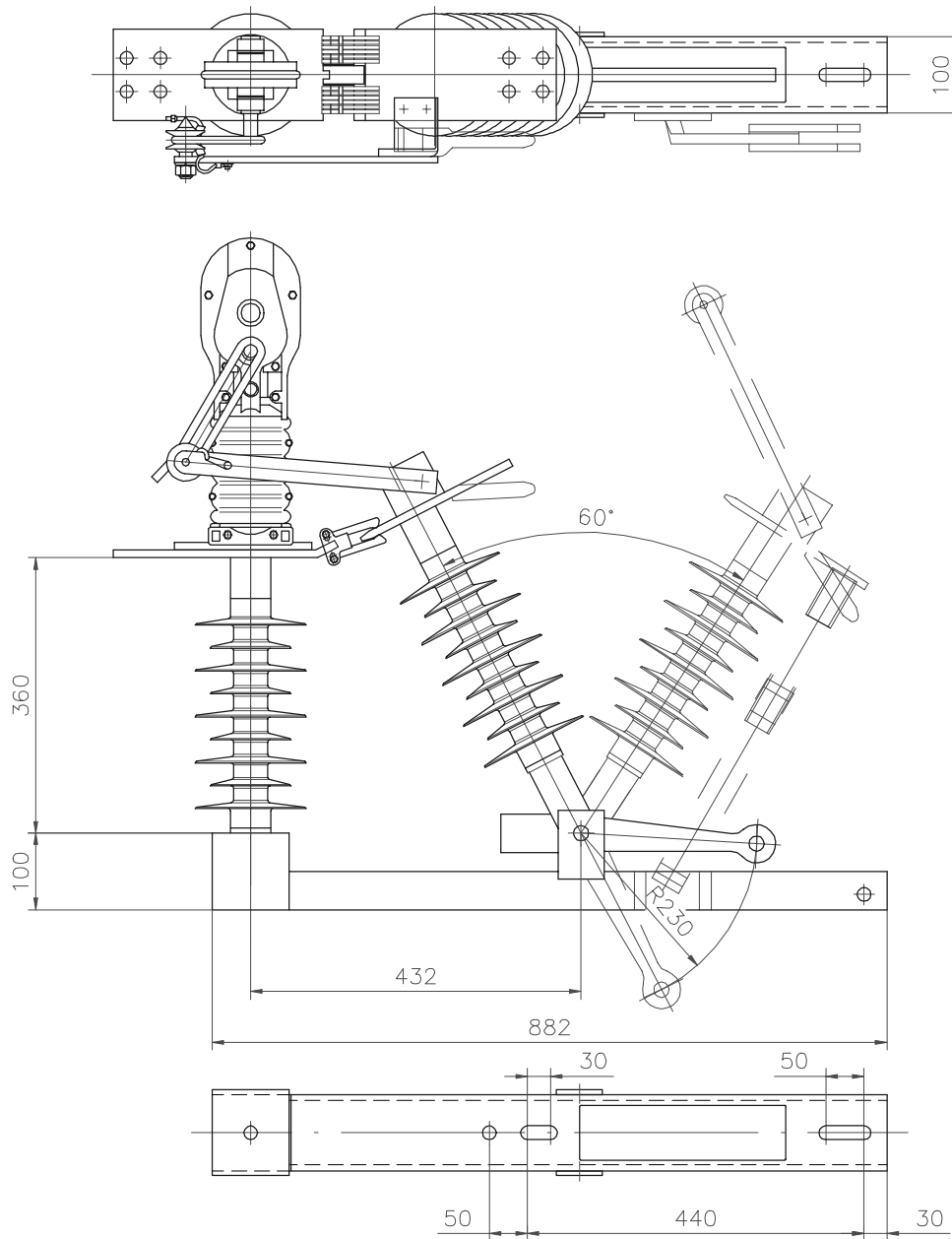
IEC 60870-5-101, 60265-1, 60439-1

Mimic diagram of remote control system of KonDUR 2000 (page 214)

ORMARIĆ DALJINSKOG UPRAVLJANJA REMOTE CONTROL BOX



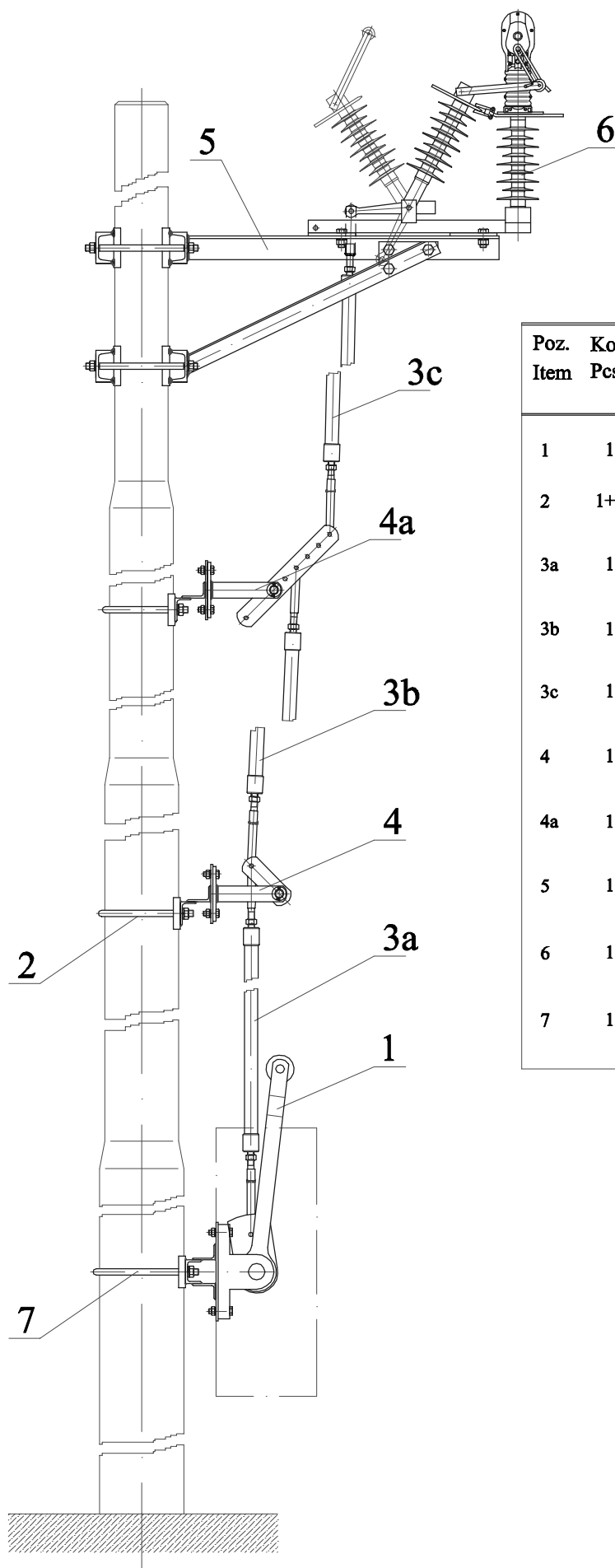
RASTAVLJAC SNAGE 25kV, 50 Hz, 2000 A **SURGE ARRESTER 25 kV, 50 Hz, 2000 A**



- 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 preklapnom mehanikom a produljenje zivotne dobi od najmanje 5000 ukapcanja)
- Sigurni zracni razmak 400 mm
- Kompozitni izolatori s duljinom strujne staze 765 mm

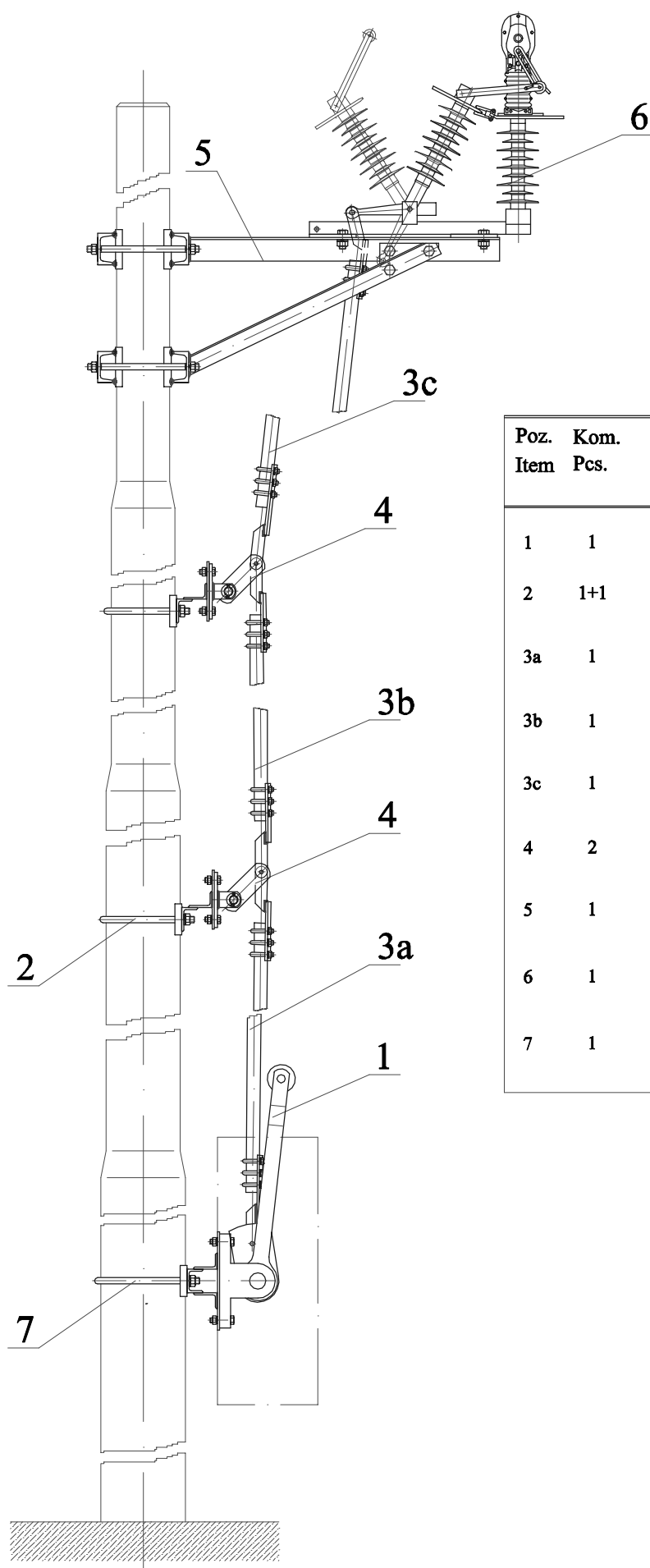
- Single pole surge arrester for outdoor installation with composite insulators
- The shortest creepage distance 765 mm
- Operational voltage 25 kV, 50 Hz
- Nominal current and nominal disconnecting current 2000 A
(for railway facilities with vacuum chamber for arc quenching and amplified switching in 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



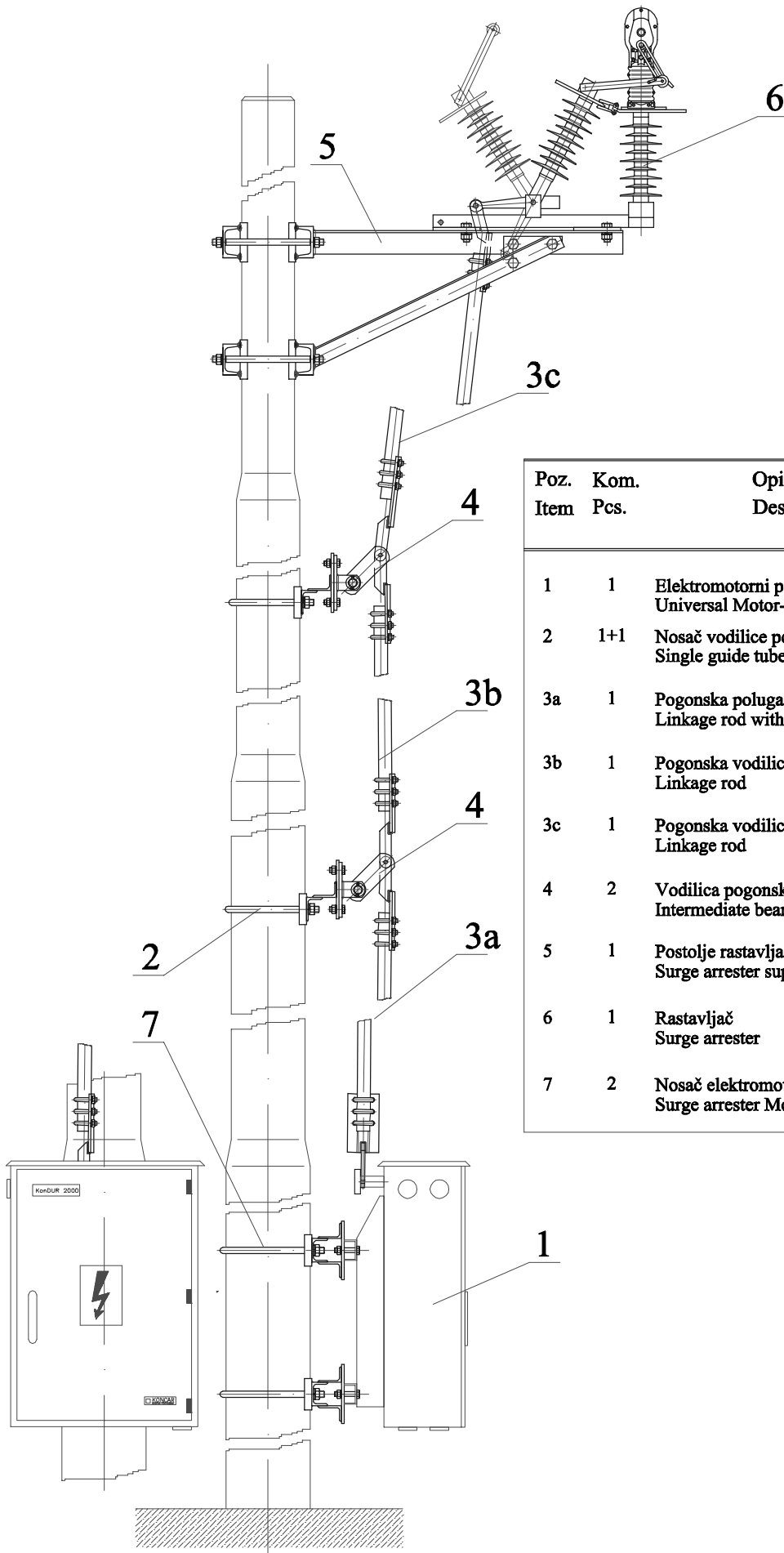
Poz. Item	Kom. Pcs.	Opis Description
1	1	Ručni pogon Outdoor Hand-Operated Actuator
2	1+1	Nosač vodilice pogonskog polužja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod with bearing bush
3b	1	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska 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



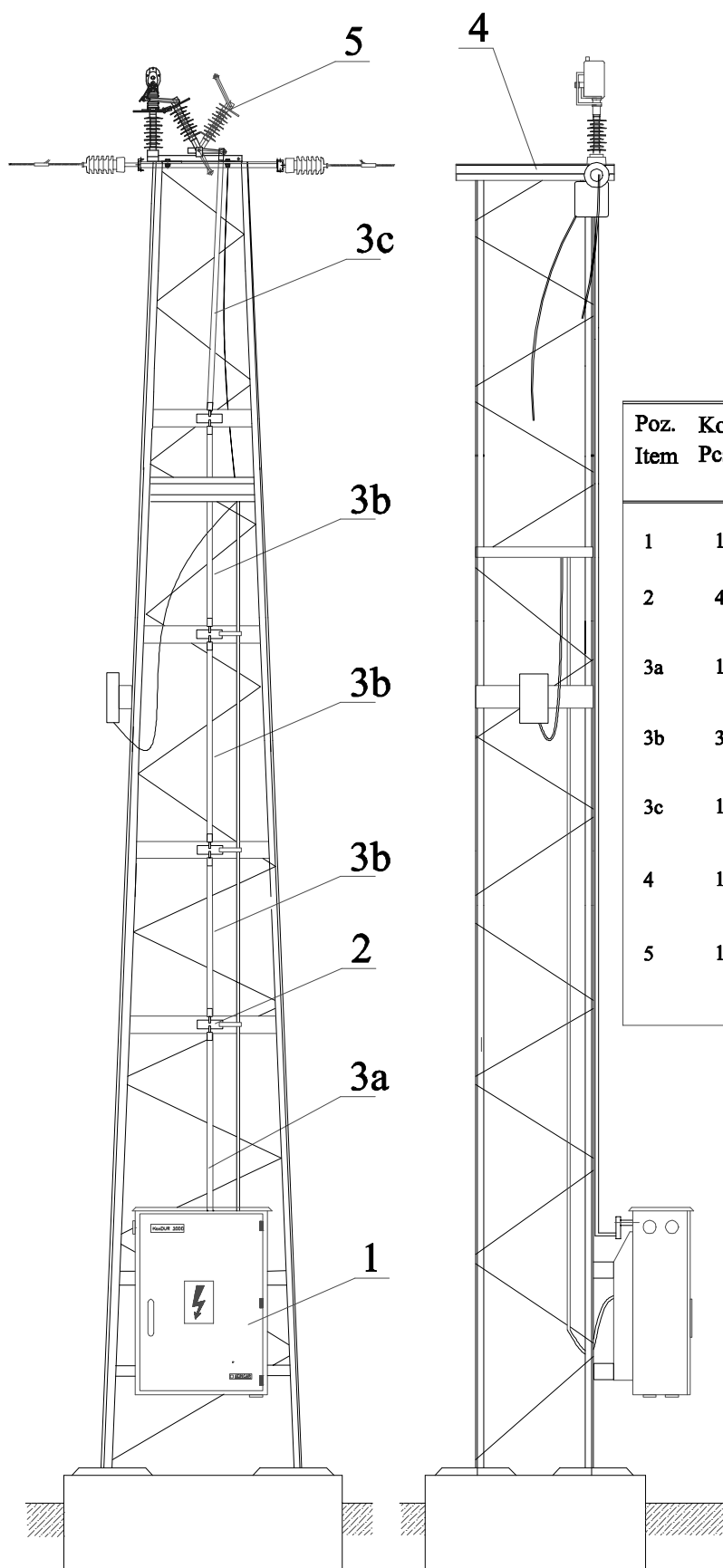
Poz. Item	Kom. Pcs.	Opis Description
1	1	Ručni pogon Outdoor Hand-Operated Actuator
2	1+1	Nosač vodilice pogonskog polužja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i ručnog pogona Linkage rod
3b	1	Pogonska vodilica za vezu dviju vodilica Linkage rod
3c	1	Pogonska vodilica za vezu rastavljača sa vodilicom Linkage rod
4	2	Vodilica pogonskog polužja Intermediate bearing with link bush
5	1	Postolje rastavljača Surge arrester 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**



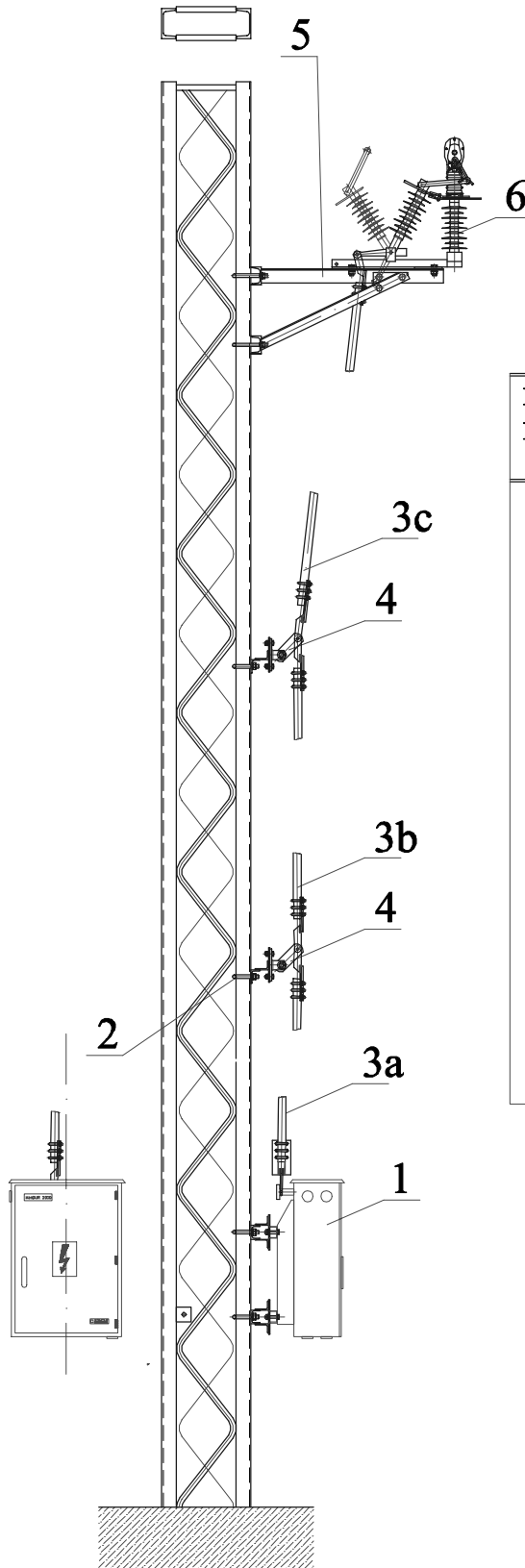
Poz. Item	Kom. Pcs.	Opis Description
1	1	Elektromotorni pogon KonDUR 2000 Universal Motor-Drive KonDUR 2000
2	1+1	Nosač vodilice pogonskog polužja Single guide tube support
3a	1	Pogonska poluga za vezu vodilice i elektromotornog pogona Linkage rod with bearing bush
3b	1	Pogonska vodilica za vezu dviju 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**



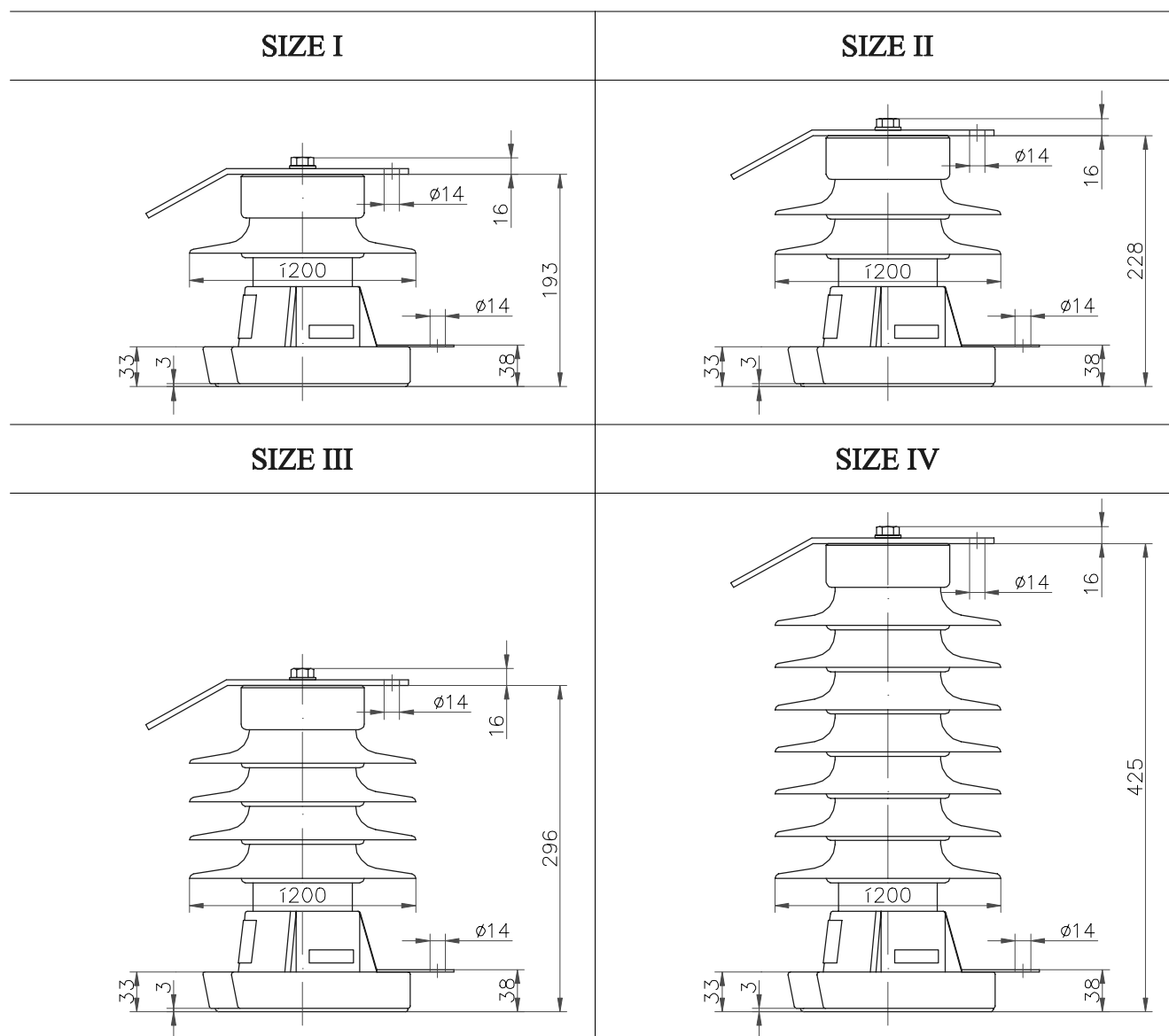
Poz. Item	Kom. Pcs.	Opis Description
1	1	Elektromotorni pogon KonDUR 2000 Universal Motor-Drive KonDUR 2000
2	4	Vodilica pogonskog polužja Intermediate bearing with link bush
3a	1	Pogonska poluga za vezu vodilice i elektromotornog pogona Linkage rod with bearing bush
3b	3	Pogonska vodilica za vezu dviju 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 LIGHTENING ARRESTER

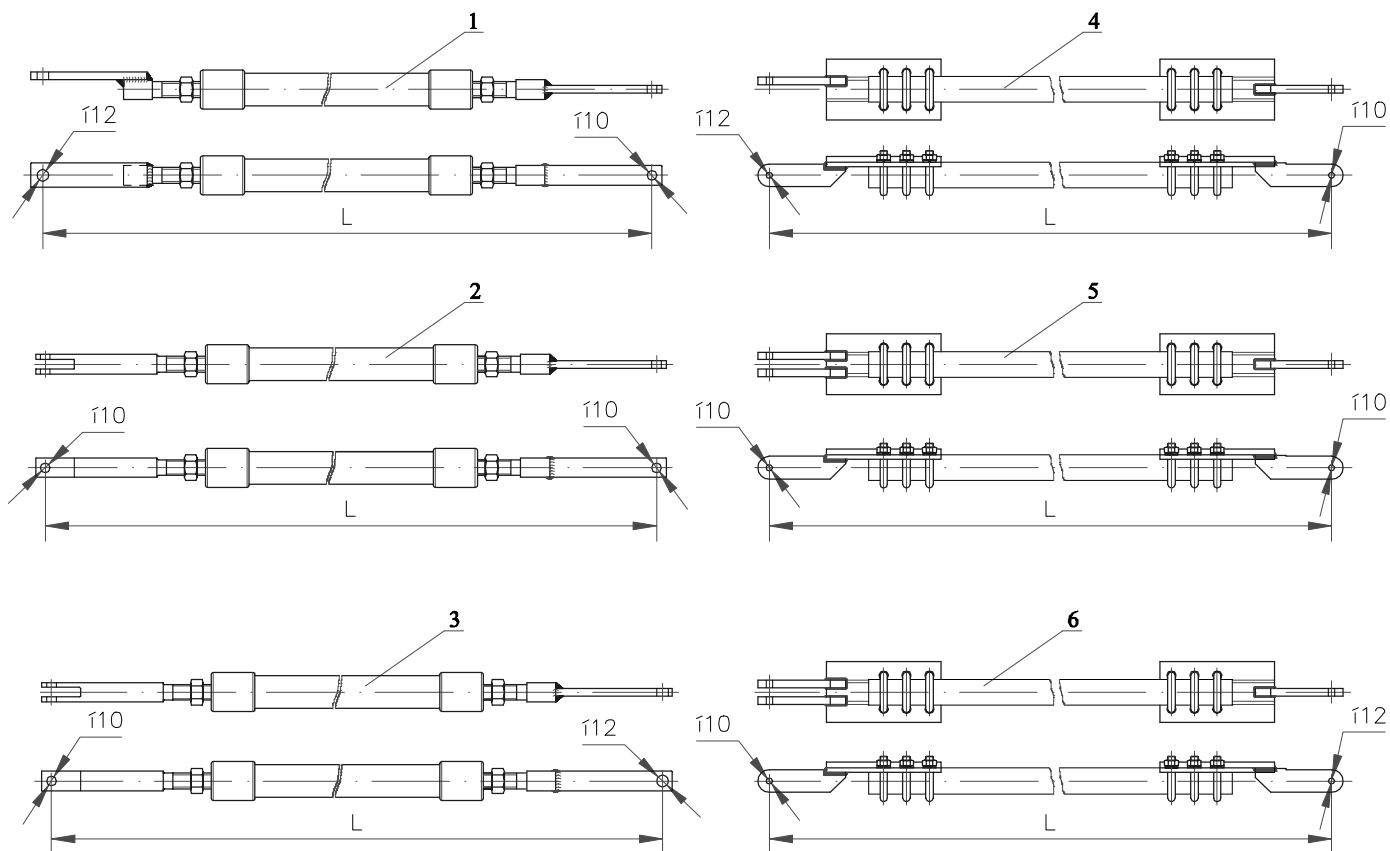


SIEMENS

Tip	Ugradbena mjera	Klizna staza	Broj rebara	Maksimalno podnosiva struja pražnjenja	Najveće opterećenje	
Housing size	Thread measure	Creepage distance	Shed form	Pressure relief capability	statico	dinamicko
	[mm]	[mm]		[kA]	[kN]	[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

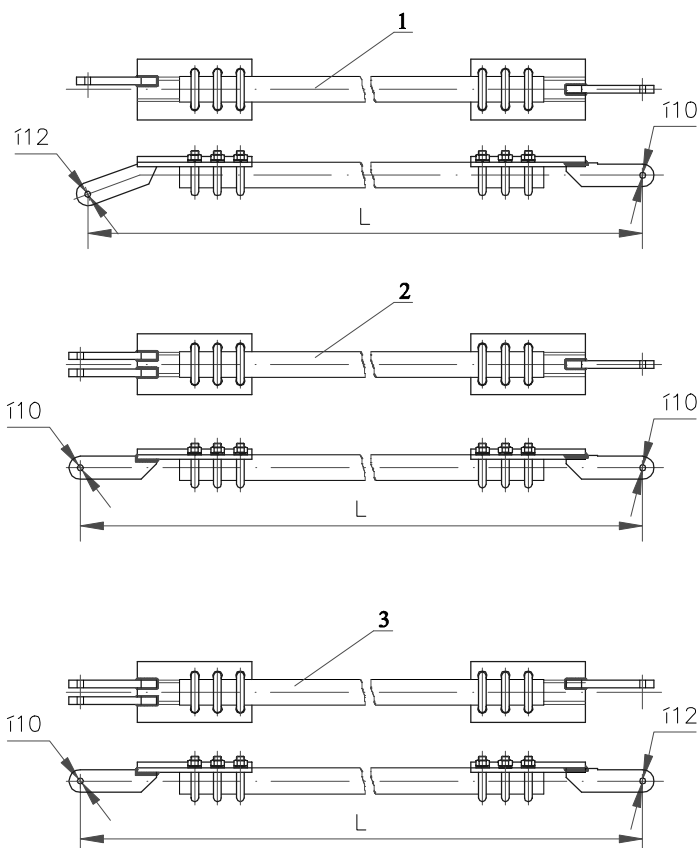
AC sustav do 25 kV i DC sustav do 3 kV/AC systems up to 25kV and DC systems up to 3 kV

POGONSKO POLUŽJE ZA RUČNI POGON RASTAVLJJAČA HAND DRIVE SURGE ARRESTER DEVICES



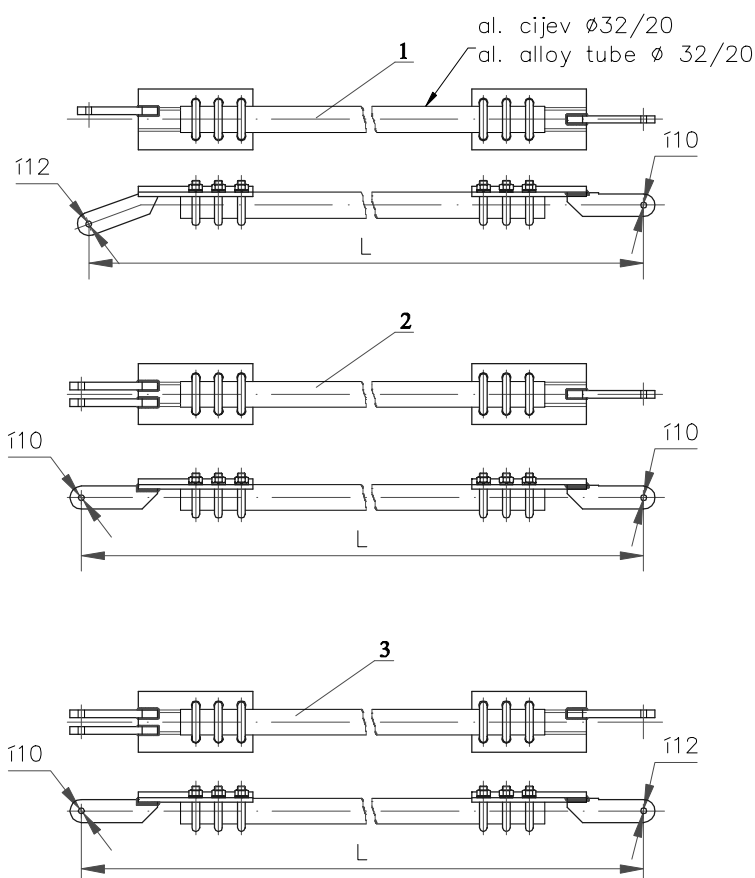
Poz. Item	Opis Description	L (mm)	Kat. broj Cat. no.
1	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.64.103C
		2450	64.ER.64.103B
		2800	64.ER.64.103A
2	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.64.102C
		2450	64.ER.64.102B
		2800	64.ER.64.102A
3	Pogonska poluga 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



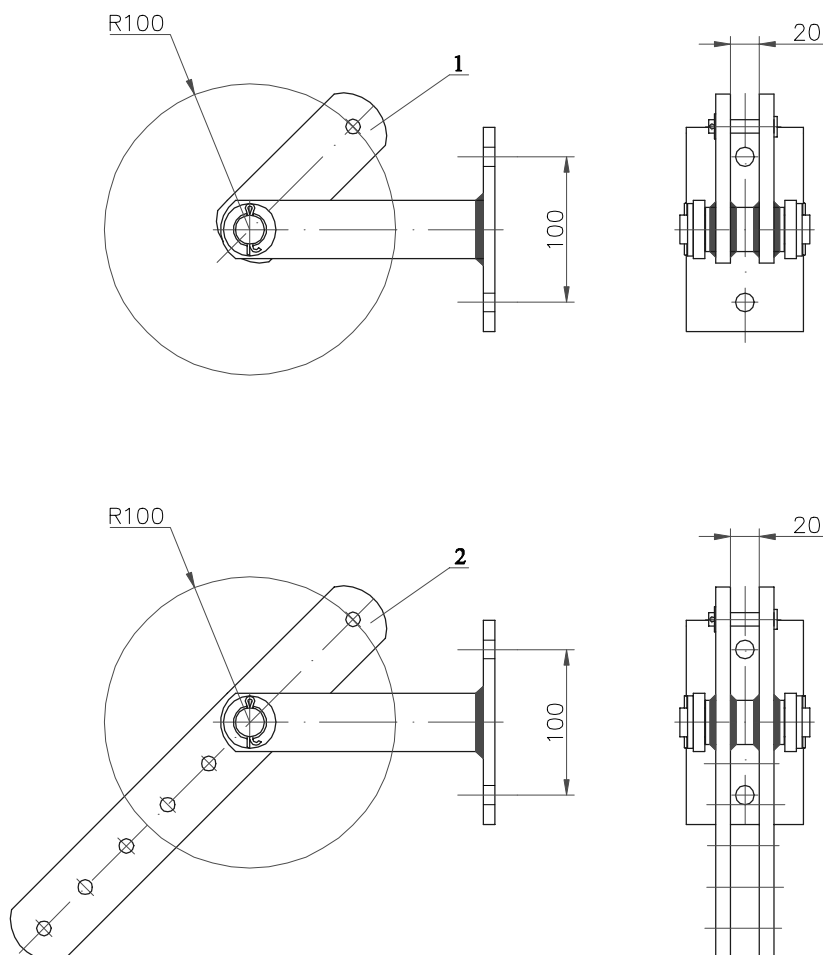
Poz. Item	Opis Description	L (mm)	Kat. broj Cat. no.
1	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.75.103C
		2450	64.ER.75.103B
		2800	64.ER.75.103A
2	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.74.102C
		2450	64.ER.74.102B
		2800	64.ER.74.102A
3	Pogonska poluga 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



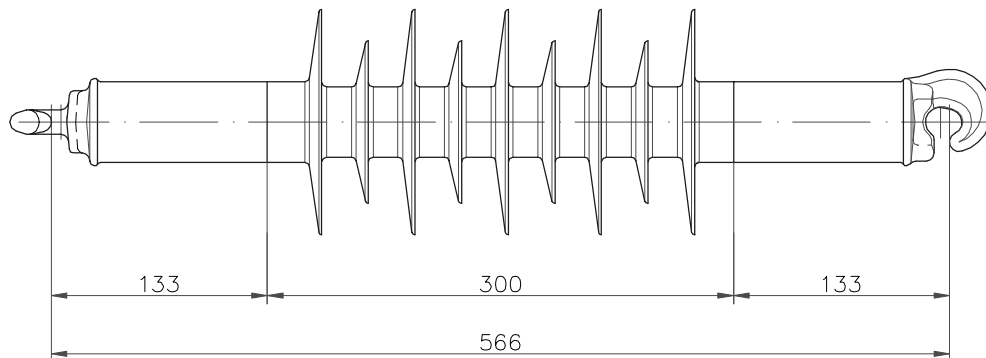
Poz. Item	Opis Description	L (mm)	Kat. broj Cat. no.
1	Pogonska poluga za vezu vodilice i rastavljača Linkage rod	2000	64.ER.85.103C
		2450	64.ER.85.103B
		2800	64.ER.85.103A
2	Pogonska poluga za vezu dviju vodilica Linkage rod	2000	64.ER.85.102C
		2450	64.ER.85.102B
		2800	64.ER.85.102A
3	Pogonska poluga 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 Leverage joint	64.ER.55.100
2	Vodilica pogonskog poluzja-specijal za rucni pogon Leverage joint	64.ER.55.100A

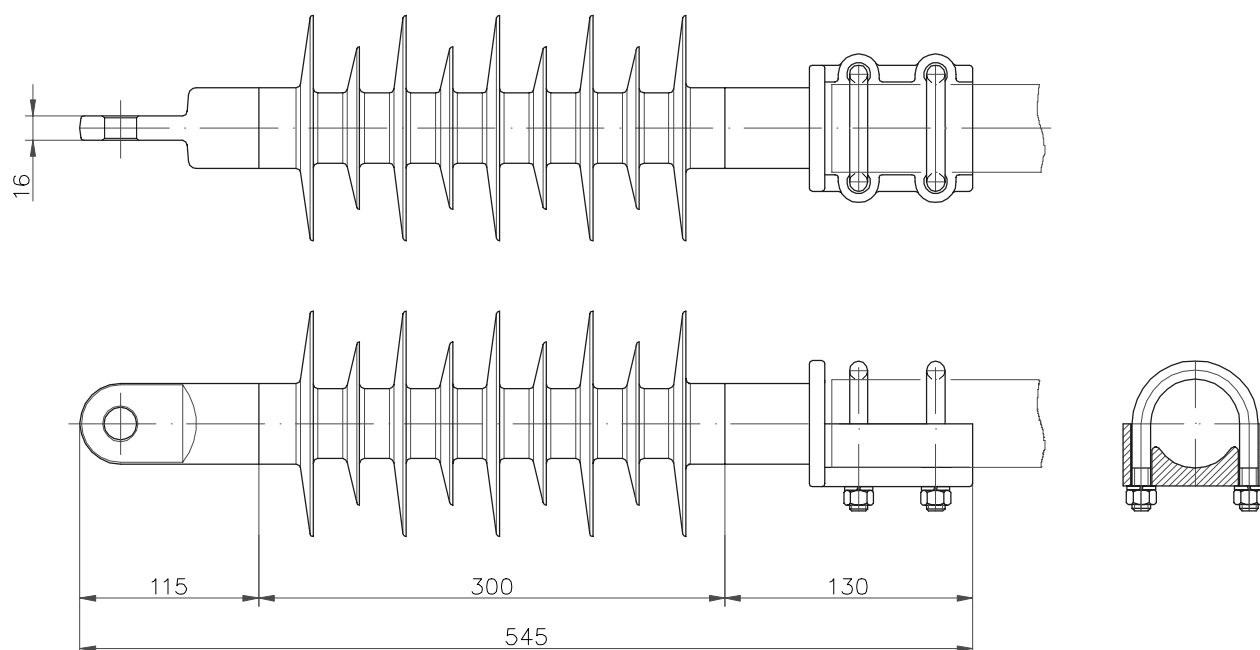
IZOLATOR ZATEGE TENSION INSULATOR



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 (Specified mechanical load)	
-vlak (tension).....	30 kN
-moment savijanja (bending).....	1.0 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.6 kg

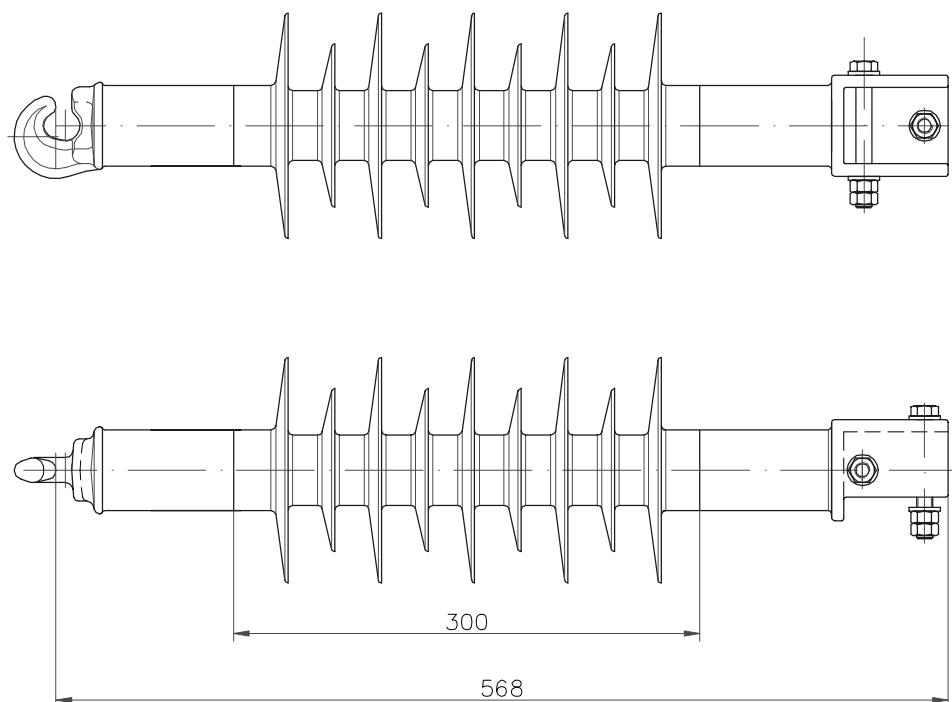
IZOLATOR POTPORE POST INSULATOR



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 (Specified 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

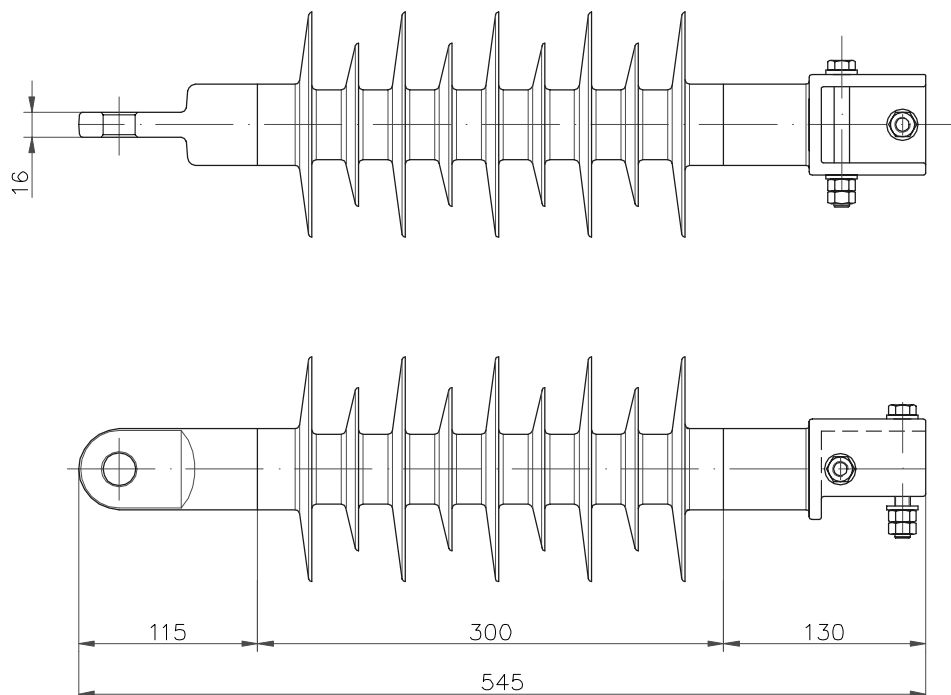


TEHNIČKI PODACI (TECHNICAL DATA)

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 (Specified 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

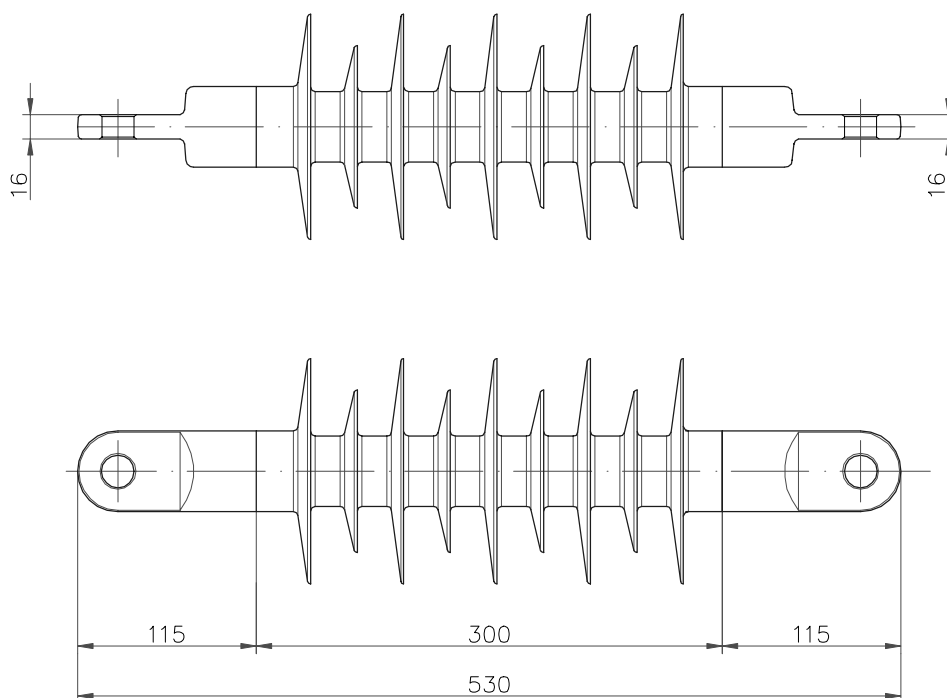
CANTTILEVER INSULATOR



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 (Specified mechanical load)	
-vlak (tension).....	30 kN
-moment savijanja (bending).....	4.0 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.6 kg

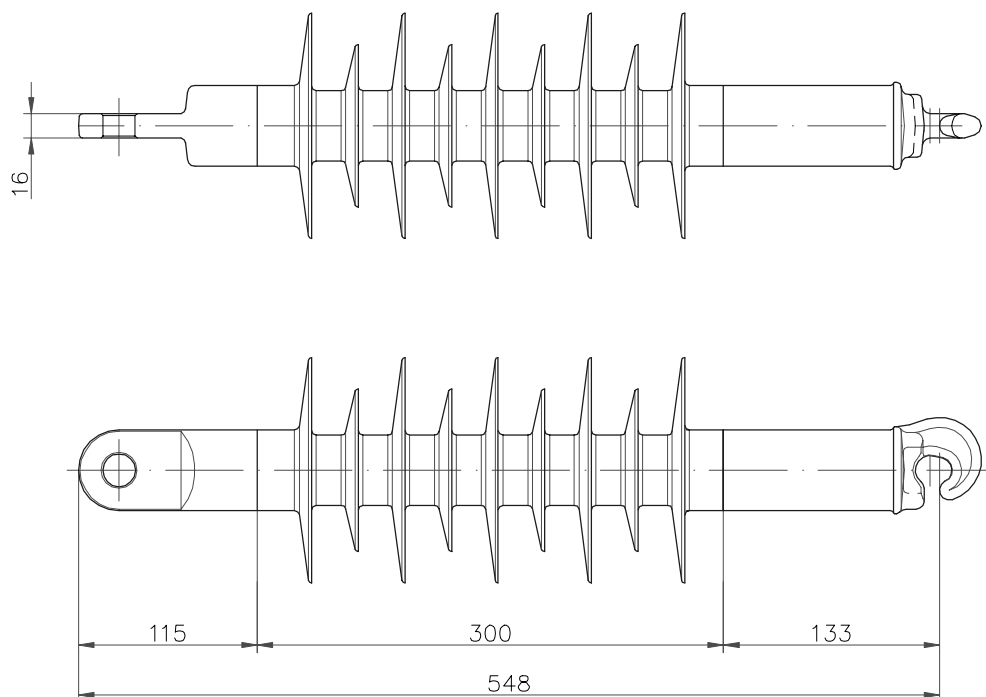
IZOLATOR ZATEGE TENSION INSULATOR



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 (Specified mechanical load)	
-vlak (tension).....	30 kN
-moment savijanja (bending).....	1.0 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.6 kg

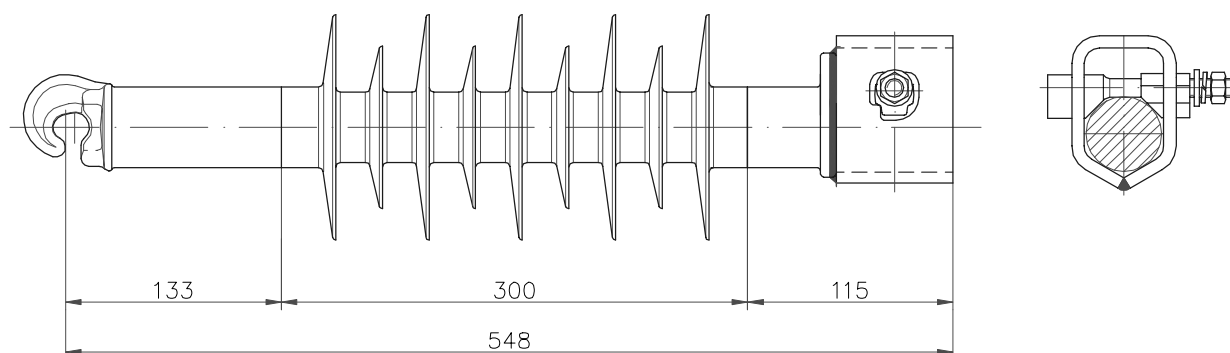
IZOLATOR ZATEGE TENSION INSULATOR



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 (Specified mechanical load)	
-vlak (tension).....	30 kN
-moment savijanja (bending).....	1.0 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.6 kg

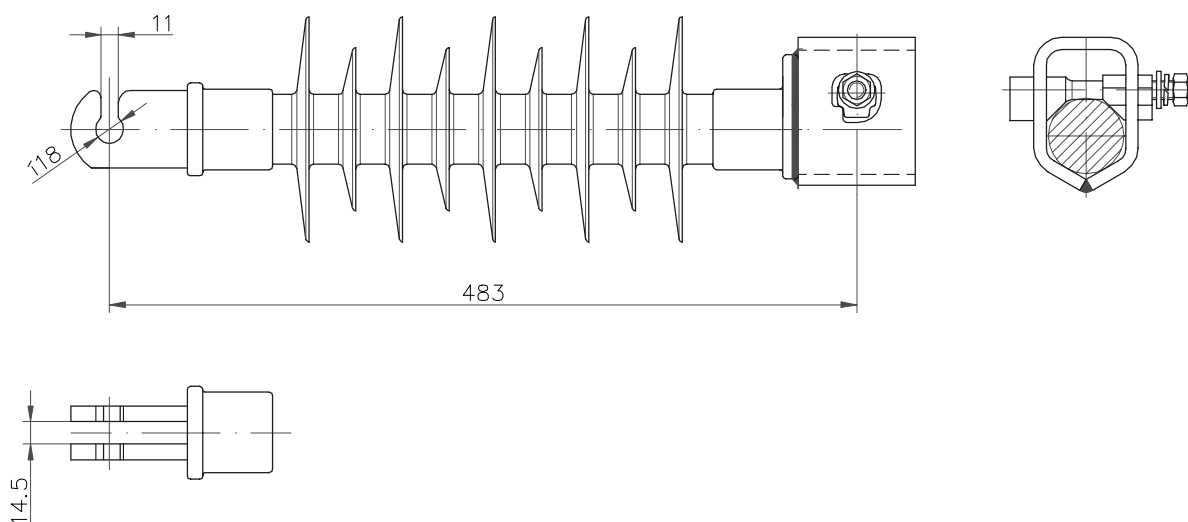
IZOLATOR POTPORE POST INSULATOR



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 (Specified mechanical load)	
-vlak (tension).....	30 kN
-moment savijanja (bending).....	1.0 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.6 kg

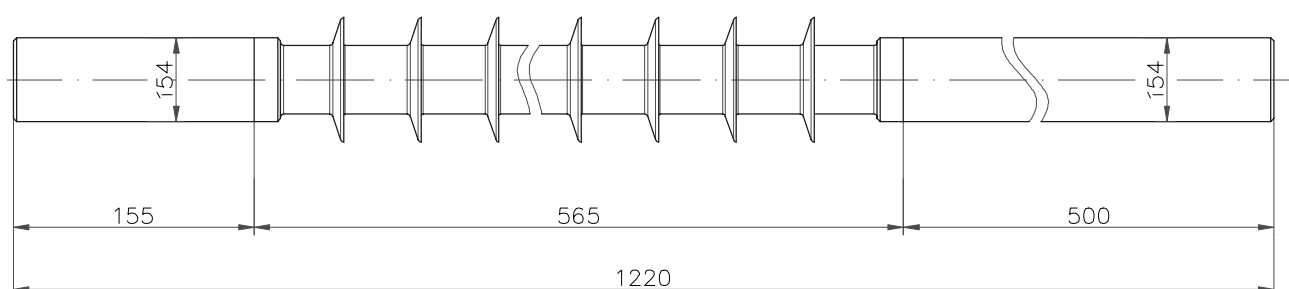
IZOLATOR KOSNIKA ZA CIJEV Ø41, Ø48, Ø51 **CANTILEVER INSULATOR FOR TUBE Ø41, Ø48, Ø51**



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 (Specified mechanical load)	
-vlak (tension).....	30 kN
-moment savijanja (bending).....	1.0 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.6 kg

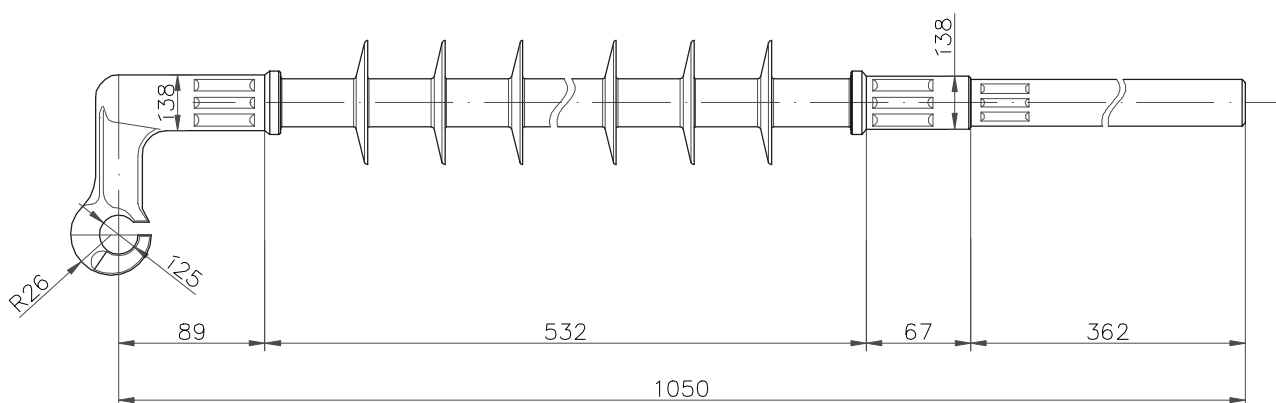
IZOLATOR KONZOLE CANTILEVER INSULATOR



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

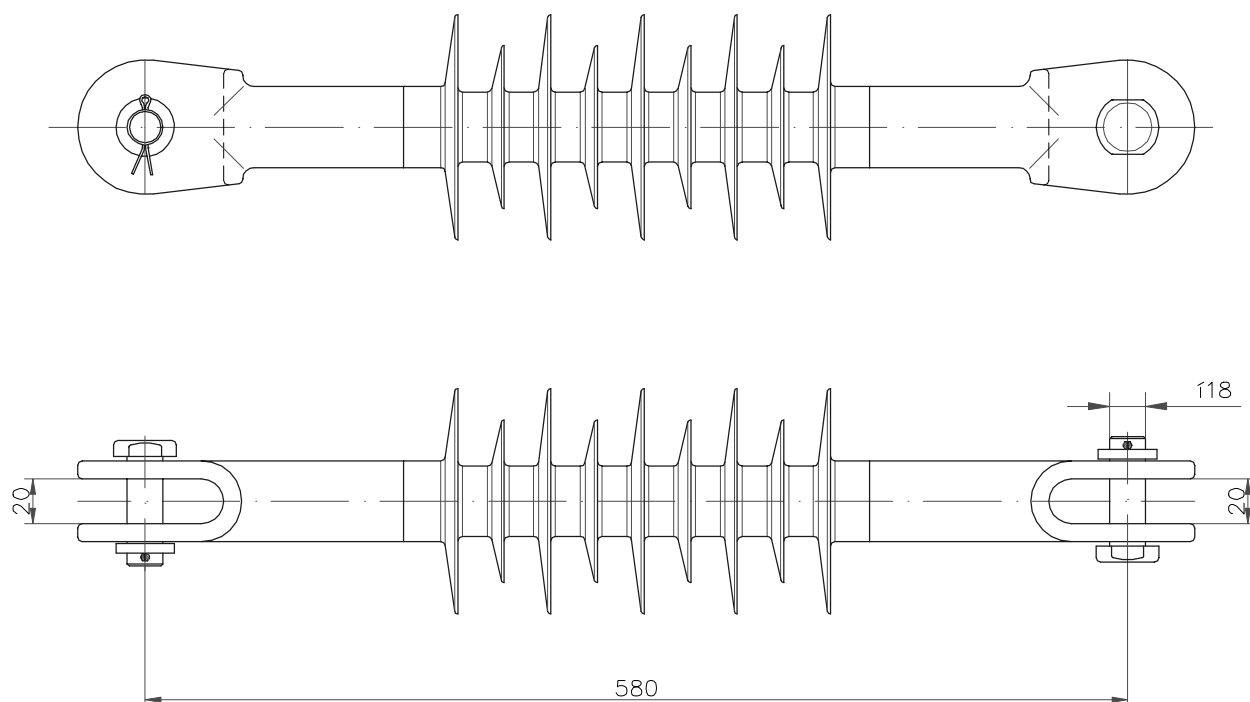
IZOLATOR POLIGONATORA STADY ARM INSULATOR



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

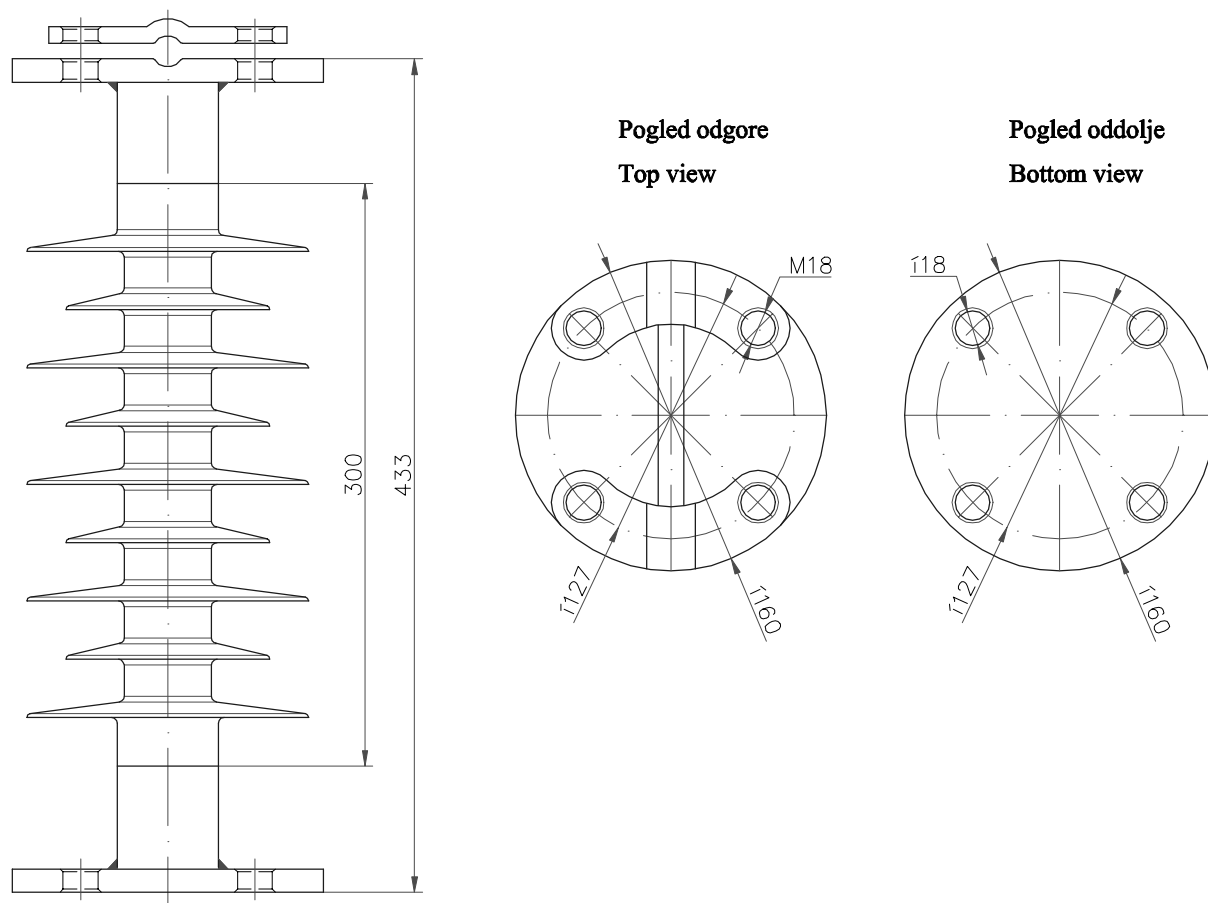


TEHNIČKI PODACI (TECHNICAL DATA)

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 (Specified 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

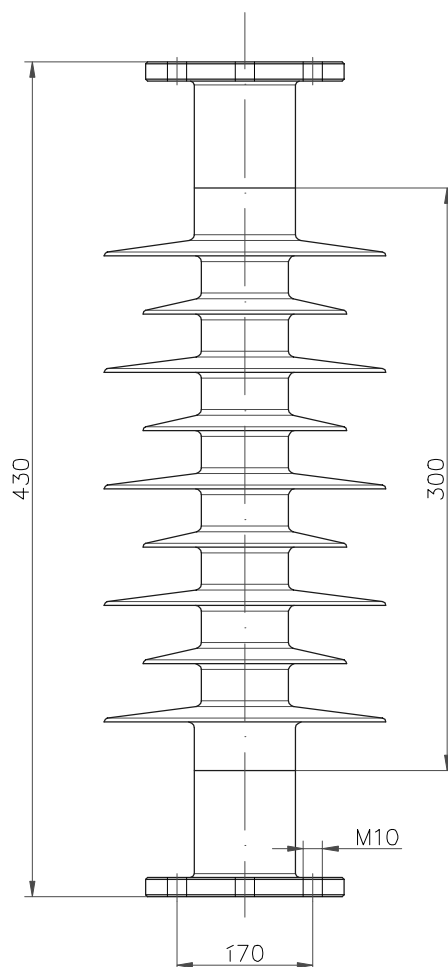
POST INSULATOR



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 (Specified 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



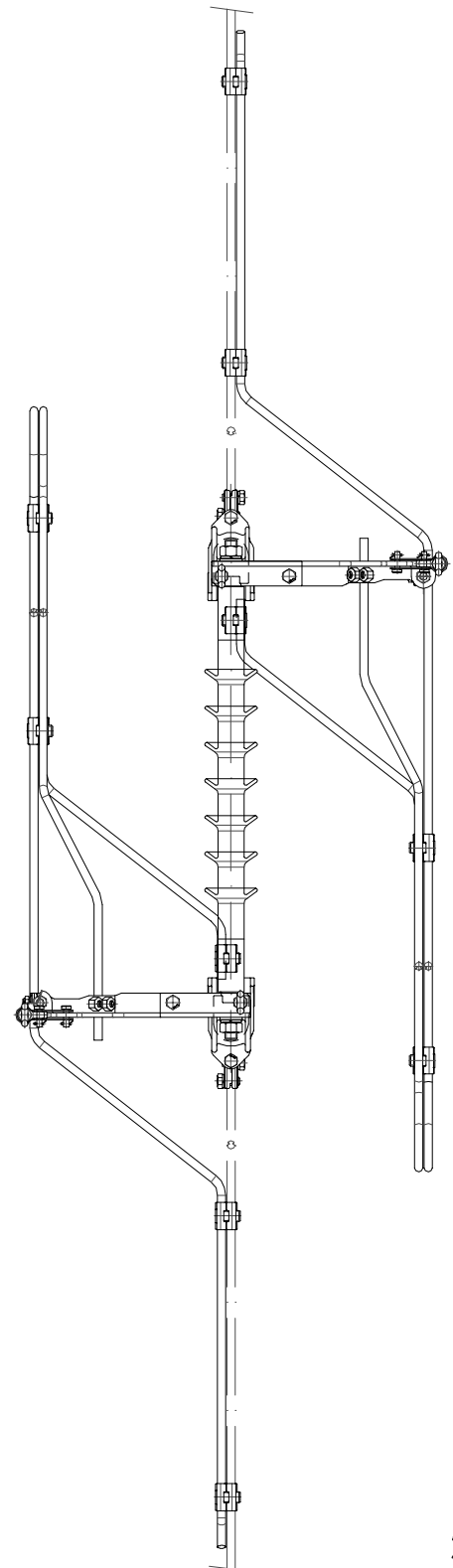
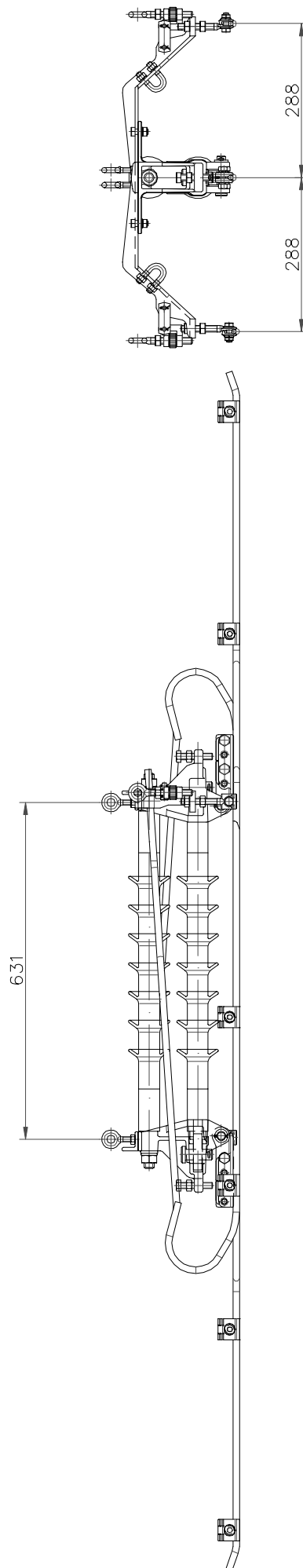
TEHNICKI PODATCI (TECHNICAL DATA)

Najvisi napon mreže (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 (Specified mechanical load)	
-vlak (tension).....	7 kN
-moment savijanja (bending).....	4.2 kNm
Broj rebara (Number of sheds).....	5/4
Masa (mass).....	3.5 kg

SEKSIONI 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







Magyarországi képviselő:

TOMINTEX Kft.

7629 Pécs, Hársfa út 269/1.

www.tomintex.hu