

CROATIAN

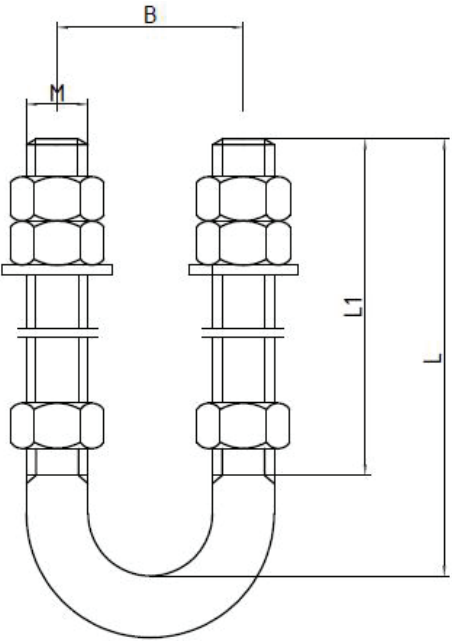
U - STREMEN

- Primjena:** Koristi se za ovješnje nosivog izolatorskog lanca
- Materijal:** Čelik kovani, vruće pocinčano
- Standard:** Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018

ENGLISH

U - Shackle

- Product:** Used for attachment of suspension insulator string.
- Material:** Steel class S235JR
- Standard:** In accordance with standards EN ISO 61284, EN ISO 13018, EN ISO 1461



Tip Type	Vijak Bolt	Prihvat ovješnja (B) Suspension connection (B)	Dužina stezaljke (L) Clamp length (L)	Dužina navoja (L1) Thread length (L1)	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
US 80-209-16	M16	80 mm	209 mm	153 mm	120	1.00
US 80-205-20	M20	80 mm	205 mm	160 mm	180	1.60

CROATIAN

V - STREMEN

Primjena: V-stremen s karikom i batićem, koristi se za ovješanje nosivog izolatorskog lanca. I.E.C. class 16

Materijal: Čelik kovani, vruće pocinčano

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018

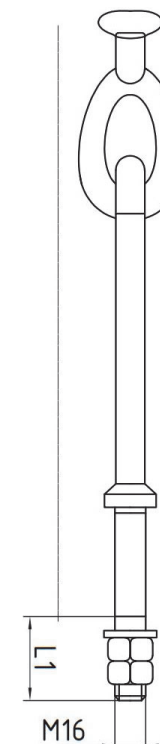
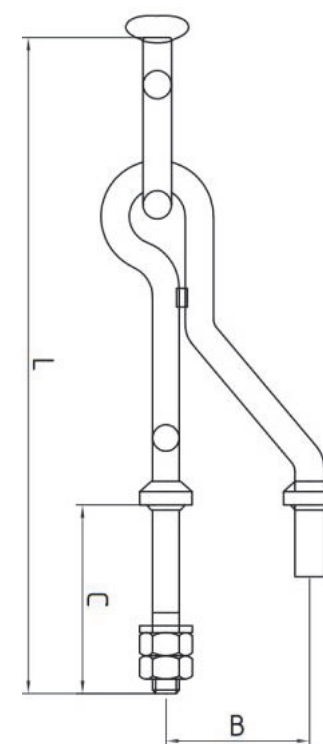
ENGLISH

V - Shackle

Product: V-shackle with eye and tongue used for suspension of the main insulator string. I.E.C. class 16

Material: Hot-dip galvanized forged steel

Standard: Tested according to standard: EN ISO 1461, EN ISO 61284, EN ISO 13018



Tip Type	Vijak Bolt	Prihvat ovješnja (B) Suspension connection (B)	Dužina stezaljke (L) Clamp length (L)	Dužina navoja (L1) Thread length (L1)	C	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
VS 80-390-16	M16	80 mm	390 mm	45 mm	105 mm	80	1.15

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D - STREMEN

Primjena: Koristi se za ovješnje zateznog izolatorskog lanca

Materijal: Čelik kovani vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018

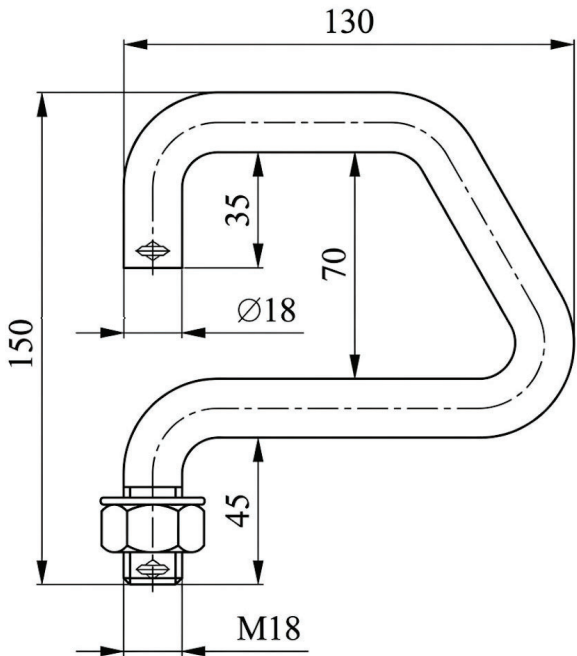
ENGLISH

D - Shackle

Application: Used for suspension of the tension insulator string

Material: Hot-dip galvanized forged steel

Standard: Tested according to standard: EN ISO 1461, EN ISO 61284, EN ISO 13018



Tip Type	Vijak Bolt	Otvor za profil B1 Profile hole B1	L	B	B1	b	R	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
DS-130-150-70	M18	70 mm	90 mm	150 mm	70 mm	18 mm	12 mm	120	0.73

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D - STREMEN

Primjena: Koristi se za ovješnje zateznog izolatorskog lanca

Materijal: Čelik kovani vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018

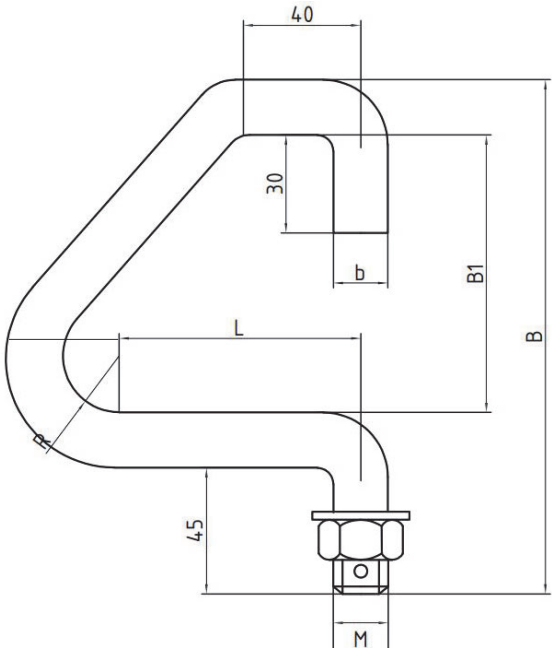
ENGLISH

D - Shackle

Application: Used for suspension of the tension insulator string

Material: Hot-dip galvanized forged steel

Standard: Tested according to standard: EN ISO 1461, EN ISO 61284, EN ISO 13018



Tip Type	Vijak Bolt	Otvor za profil B1 Profile hole B1	L	B	B1	b	R	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
DS 90-150-16	M16	90 mm	90 mm	150 mm	90 mm	16 mm	15 mm	120	0.65
DS 70-150-18	M18	70 mm	90 mm	150 mm	70 mm	18 mm	12 mm	120	0.65

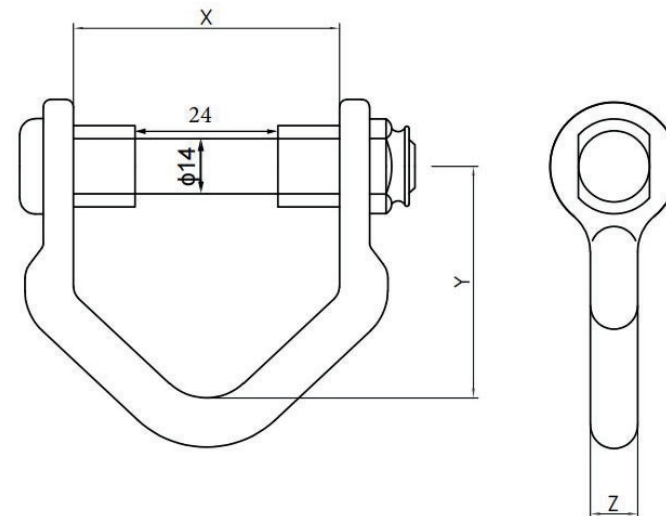
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V - STREMEN - ŠKOPAC

Primjena: Koristi se za prihvat ovješnja

Materijal: Kovani čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018



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V-Shackle

Application: V-shackle, used for attachment of an insulator string.

Material: Steel class S235JR

Standard: In accordance with standards EN ISO 61284, EN ISO 13018, EN ISO 1461



Tip Type	Y	X	Z	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
CS 95-24	95 mm	68 mm	14 mm	80	0.80

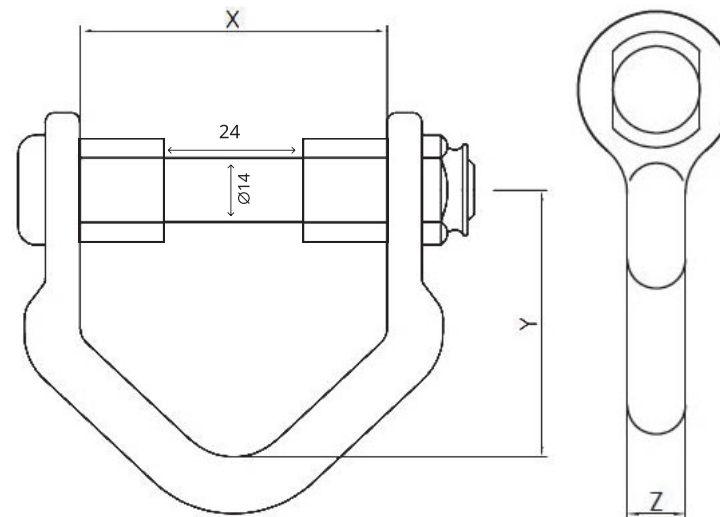
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V - STREMEN - ŠKOPAC

Primjena: Koristi se za prihvat ovješnja

Materijal: Kovani čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018



ENGLISH

V-Shackle

Product: V-shackle, used for attachment of an insulator string.

Material: Steel class S235JR

Standard: In accordance with standards EN ISO 61284, EN ISO 13018, EN ISO 1461



Tip Type	Y	X	Z	d Ø	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
CS 95-24	95 mm	24 mm	14 mm	14	80	0.70
CS 95-82	95 mm	82 mm	14 mm	16	80	0.70
CS 95-125	90 mm	125 mm	16 mm	16	100	1.20

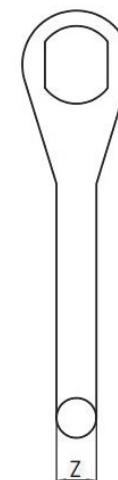
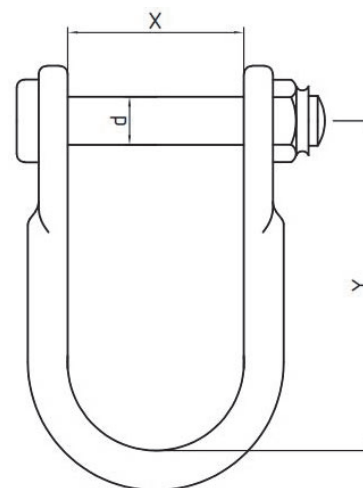
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U - STREMEN - ŠKOPAC

Primjena: Koristi se za prihvat ovješnja

Materijal: Kovani čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018


ENGLISH

U - Shackle

Application: Used to support the suspension.

Material: Hot-dip galvanized forged steel

Standard: Tested according to standard: EN ISO 1461, EN ISO 61284, EN ISO 13018

Tip Type	Y	X	Z	d	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
CS 95-106	140 mm	106 mm	16 mm	16 mm	120	1.16

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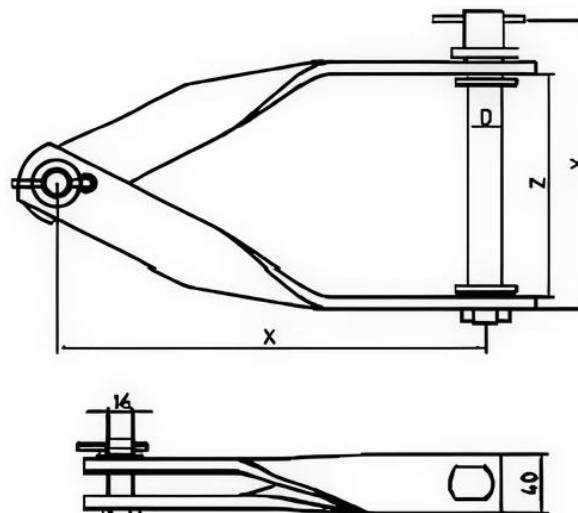
STREMEN JEDNOSTRUKI ZAOKRENUTI (90°)

Primjena: Stremen jednostruki, zaokrenuti (90°) koristi se za ovješanje izolatorskog lanca na betonskoj konzoli.

Tip: C-90

Materijal: Čelik, vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN 61284



ENGLISH

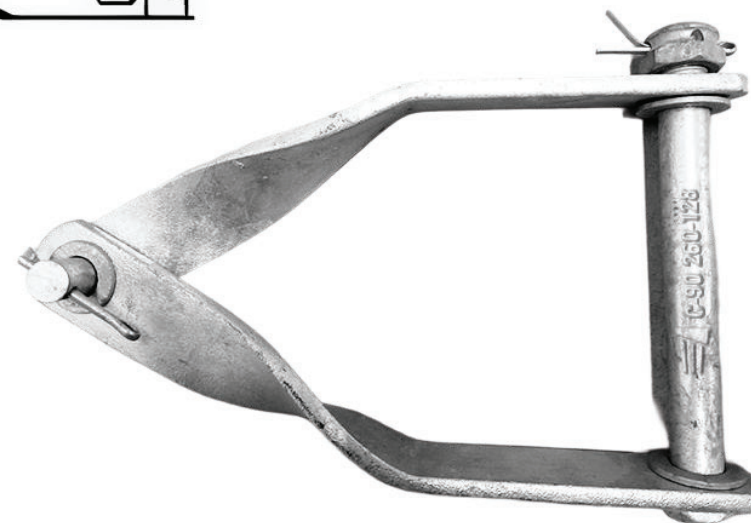
Single Shackle (90°)

Application: Single shackle, rotated (90°) used for suspending the insulator string on a concrete bracket.

Type: C-90

Material: Hot-dip galvanized steel

Standard: Tested according standard: EN ISO 1461, EN 61284



Tip Type	Dimenzije (mm)		Dimensions (mm)		Min. prekidna sila (kN)	Masa (kg)
	X	Y	Z	d	Min. Breaking load (kN)	Mass (kg)
C-90 260-128	260	168	128	M20	80	2.25
C-90 260-140	260	190	140	M20	80	2.19
C-90 240-188	240	228	188	M20	80	2.40

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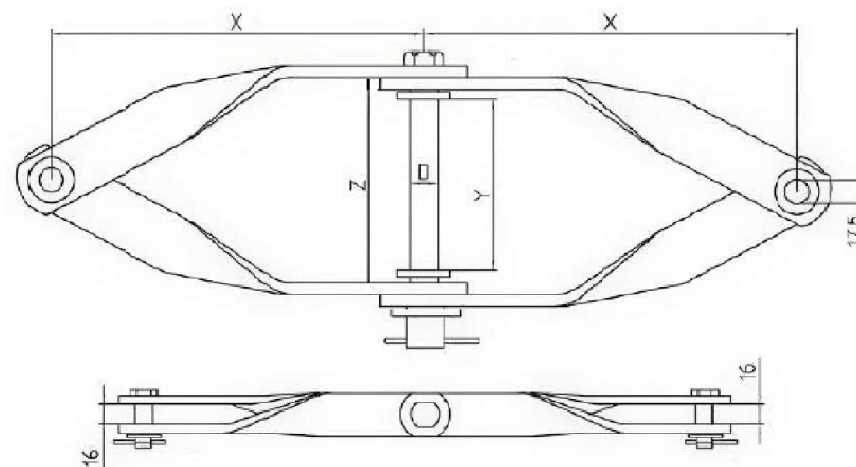
STREMEN DVOSTRUKI ZAOKRENUTI (90°)

Primjena: Stremen dvostruki, zaokrenuti (90°) koristi se za ovješanje izolatorskog lanca na betonskoj konzoli.

Tip: CD-90 260-128

Materijal: Čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN 61284



ENGLISH

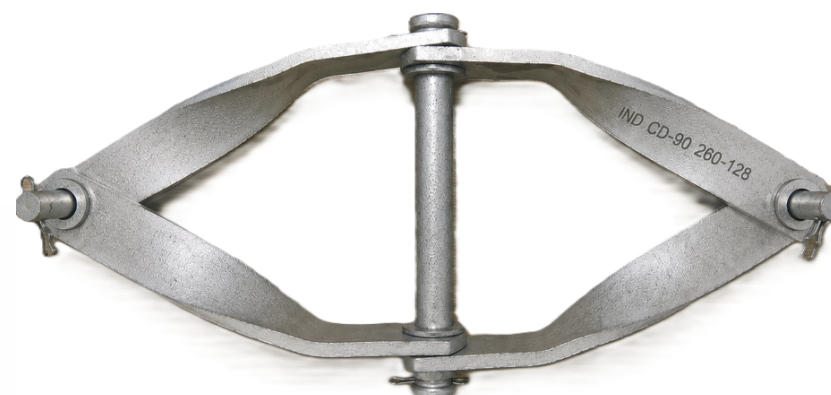
Double Shackle (90°)

Application: double shackle, rotated (90°) used for suspending the insulator string on a concrete bracket.

Type: CD-90 260-128

Materijal: Hot-dip galvanized steel

Standard: Tested according to standard: EN ISO 1461, EN 61284



Tip Type	Dimenzije (mm) Dimensions (mm)				Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
	X	Y	Z	D		
CD-90 260-128	260	112	128	M20	80	3.90

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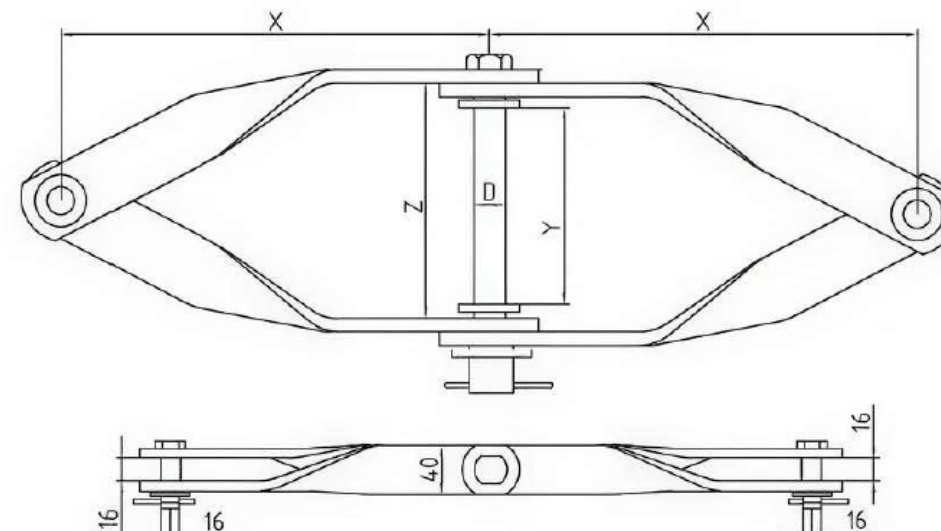
STREMEN DVOSTRUKI ZAOKRENUTI (90°)

Primjena: Stremen dvostruki, zaokrenuti (90°) koristi se za ovješanje izolatorskog lanca na betonskoj konzoli.

Tip: CD-90 260-140

Materijal: Čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN 61284



ENGLISH

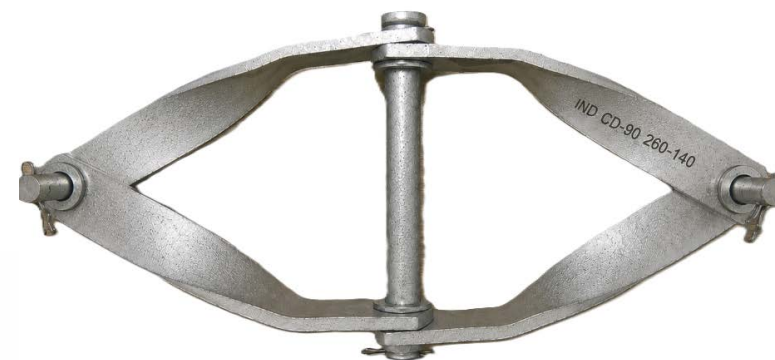
Double Shackle (90°)

Application: double shackle, rotated (90°) used for suspending the insulator string on a concrete bracket.

Type: CD-90 260-140

Material: Hot-dip galvanized steel

Standard: According to standard: EN ISO 1461, EN 61284



Tip Type	Dimenzije (mm) Dimensions (mm)				Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
	X	Y	Z	d		
CD-90 260-140	260	114	140	M20	80	3.76

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STREMEN JEDNOSTRUKI SAVINUTI

Primjena: Stremen jednostruki savinuti, koristi se za ovješanje izolatorskog lanca na betonskoj konzoli s većim otvorom a manji otvor služi za prihvat odgovarajuće zastavice. Stremen je sastavljen od dvije savijene pločice i dva odgovarajuća vijka.

Tip: CB

Materijal: Čelik, vruće pocinčan

Standard: EN ISO 1461, EN 61284, EN ISO 13018

ENGLISH

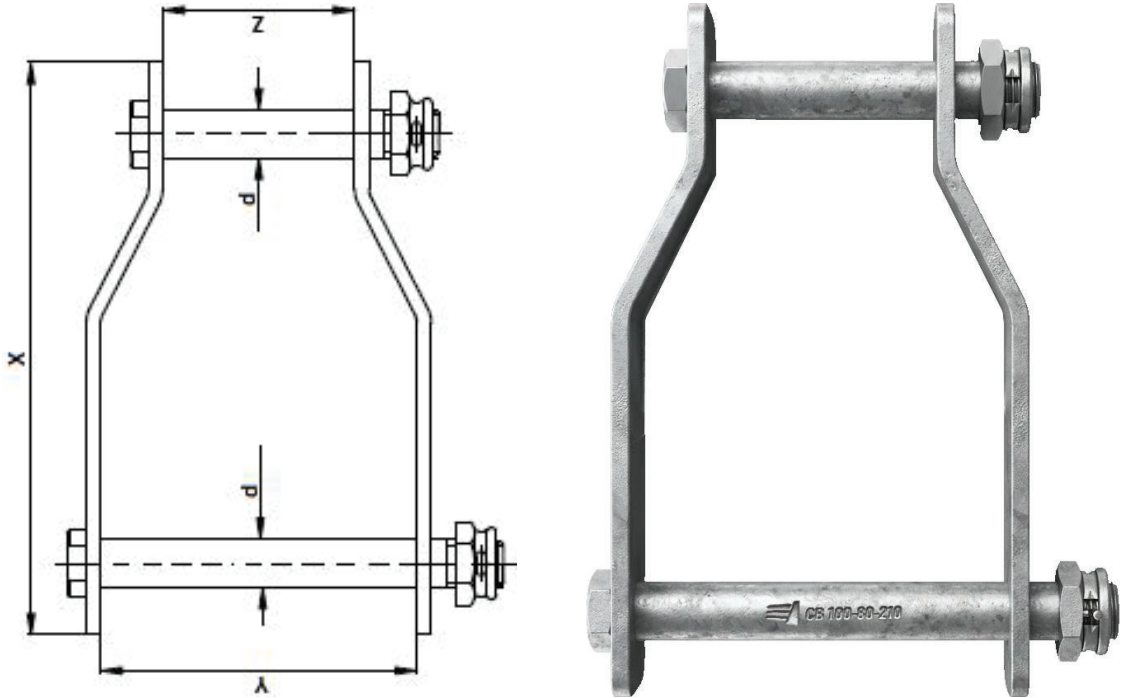
Single Shackle

Application: Single bent shackle, used for suspending the insulator string on a concrete bracket, with the larger opening intended for attachment to the bracket and the smaller opening used for connecting the appropriate flag fitting. The shackle consists of two bent plates and two corresponding bolts

Type: CB

Material: Hot-dip galvanized steel

Standard: EN ISO 1461, EN 61284, EN ISO 13018

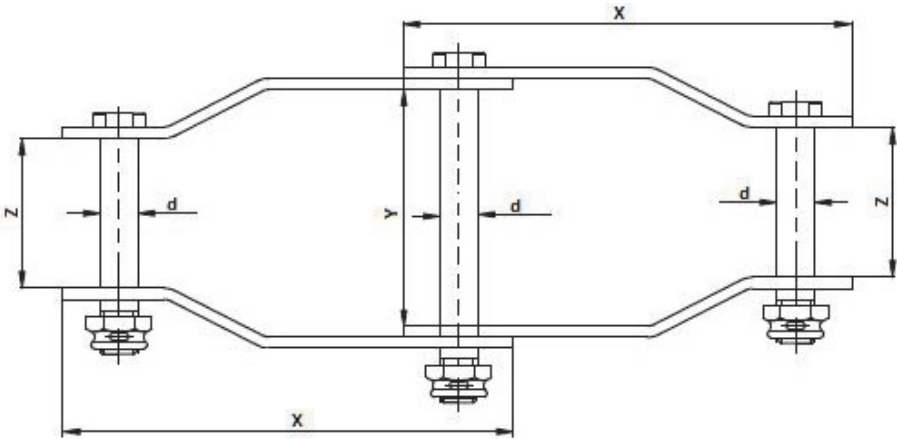


Tip Type	Dimenzije (mm) Dimensions (mm)				Vijak (Y/Z mm) Bolt (Y/Z mm)	Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
	X	Y	Z	d			
CB 100-80-210	210	100	80	M20	140/120	80	2.50
CB 140-80-210	210	140	80	M20	190/140	80	2.80
CB 140-88-210	210	140	88	M20	190/120	80	3.00
CB 135-82-210	210	135	82	M20	170/120	90	2.80
CB 140-80-210	210	140	80	M20	180/120	80	3.10

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STREMEN DVOSTRUKI SAVINUTI

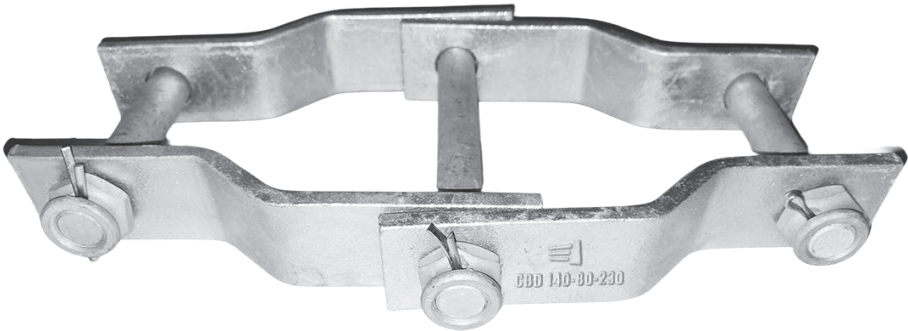
- Primjena:** Stremen dvostruki savinuti, koristi se za ovješanje izolatorskog lanca na betonskoj konzoli s većim srednjim otvorom a manji otvori na krajevima služe za prihvate odgovarajućih zastavica. Stremen je sastavljen od četiri savijene pločice i tri odgovarajuća vijka.
- Tip:** CBD
- Materijal:** Čelik kovani vruće pocinčan
- Standard:** EN ISO 1461, EN 61284, EN ISO 13018



ENGLISH

Double Shackle

- Application:** Double bent shackle used for suspending an insulator string on a concrete bracket. The larger central opening fits the bracket, while the smaller end openings connect to the appropriate flag fittings. Made of four bent plates and three matching bolts
- Type:** CBD
- Material:** Hot-dip galvanized forged steel
- Standard:** EN ISO 1461, EN 61284, EN ISO 13018



Tip Type	Dimenzije (mm)		Dimensions (mm)		Vijak (Y/Z mm)	Min. prekidna sila (kN)	Masa (kg)
	X	Y	Z	d (M)	Bolt (Y/Z mm)	Min. Breaking load (kN)	Mass (kg)
CBD 134-80-210	210	134	80	M20	170/120	80	5.10
CBD 140-80-210	210	140	80	M20	190/120	80	5.30
CBD 140-80-230	230	140	80	M20	190/120	80	5.70

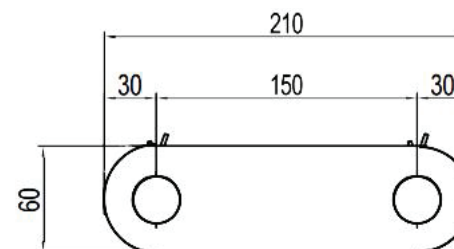
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PLOČICA RAVNA ZA IZRADU STREMENA

Primjena: Pločica za izradu ravnog stremena, za ovješanje izolatorskog lanca na betonskoj konzoli.

Materijal: Čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018

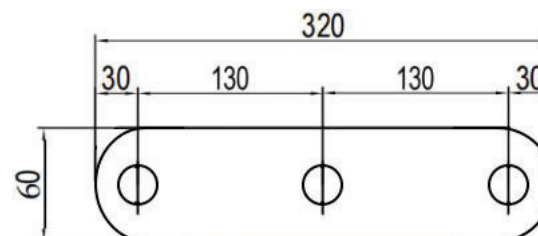

ENGLISH

Shackle Fabrication Steel Plate

Application: Straight shackle fabrication steel plate for suspending an insulator string on a concrete bracket. Min. breaking load: 70 and 120 kN.

Material: Hot-dip galvanized steel.

Standard: According to standard: EN ISO 1461, EN ISO 61284, EN ISO 13018



Tip Type	Dimenzije Dimensions				Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
	Dužina (mm) Length (mm)	Širina (mm) Width (mm)	Debljina (mm) Thickness (mm)	Razmak između rupa (mm) Hole spacing (mm)		
PI/R 210	210	60	6	150	70	0.8
PI/R 320	320	60	6	260	120	1.6

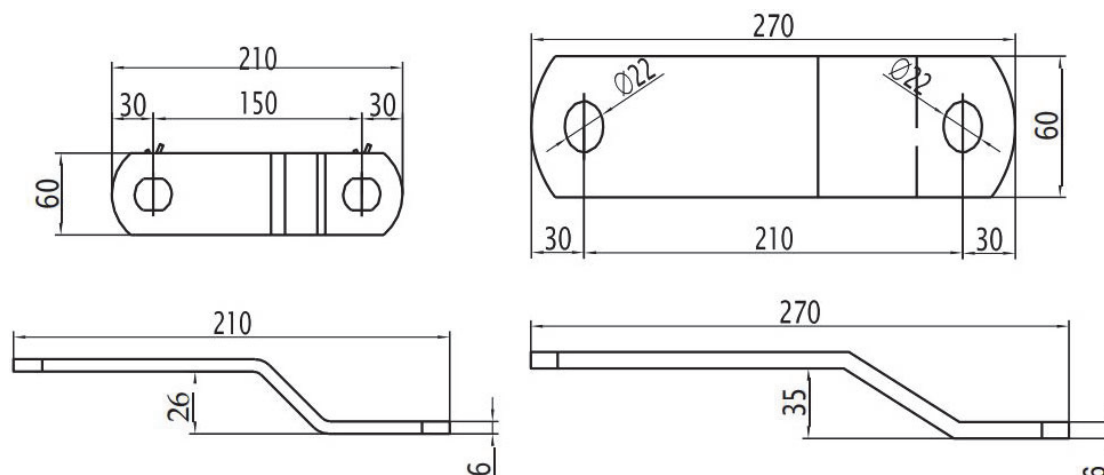
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PLOČICA SAVINUTA ZA IZRADU STREMENA

Primjena: Pločica savinuta za izradu savinutog stremena, za ovješanje izolatorskog lanca na betonskoj konzoli.

Materijal: Čelik vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018



ENGLISH

Shackle Fabrication Bent Plate

Application: Bent shackle fabrication plate for suspending an insulator string on a concrete bracket. Min. breaking load: 70 and 120 kN.

Material: Hot-dip galvanized steel

Standard: Tested according to standard: EN ISO 1461, EN ISO 61284, EN ISO 13018



Tip Type	Dimenzije Dimensions				Min. prekidna sila (kN) Min. Breaking load (kN)	Masa (kg) Mass (kg)
	Dužina (mm) Length (mm)	Širina (mm) Width (mm)	Debljina (mm) Thickness (mm)	Razmak između rupa (mm) Hole spacing (mm)		
PI/S 210	210	60	6	150	70	1.10
PI/S 270	270	60	6	210	120	1.45

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VIJAK ZA PRIČVRŠĆENJE STREMENA

Primjena: Vijak M20x170 mm za pričvršćenje pločica, za izradu stremena. Minimalna prekidna sila 20 kN.

Materijal: Čelik kovani vruće pocinčan

Standard: Ispitano po standardu: EN ISO 1461, EN ISO 61284, EN ISO 13018

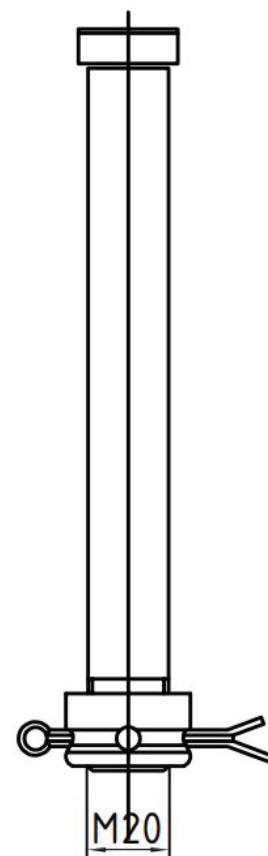
ENGLISH

Bolt for Fastening the Clamp

Application: M20x170 mm bolt for fastening plates, used for the assembly of clamps. Minimum breaking load: 20 kN.

Material: Hot-dip galvanized forged steel.

Standard: Tested according to: EN ISO 1461, EN ISO 61284, EN ISO 13018 standards



Tip Type	Dimenzije Dimensions		Masa (kg) Mass (kg)
	M Length (mm)	Dužina (mm) Length (mm)	
VIJAK M20x170	20	170	0.57