



ZHENGZHOU ORIENT POWER CO., LTD

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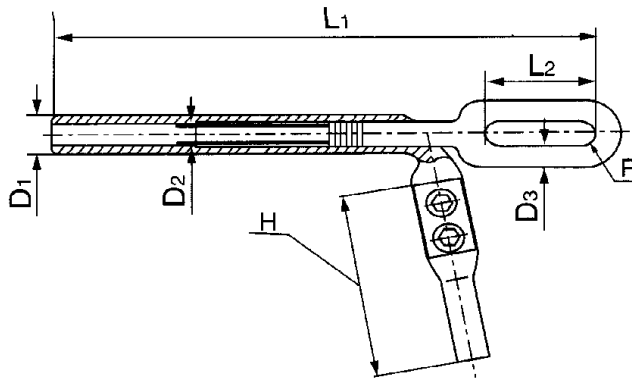
POWER FITTINGS

Strain Clamps

Strain clamps: Compression type and bolt type strain clamp, and the compression type includes hydraulic and explosive type. Bolt types such as aluminium alloy strain clamp NLL and malleable iron strain clamp NLD type and compression type such as NY type.



Dead End Clamp for ACSR Conductor (compression type)



Cat No	Suitable Conductor	Dimensions(mm)							Slip strength (KN)	Weight (Kg)
		D1	D2	D3	L1	L2	R	H		
NY-70/40	LGJ-70/40	30	16	16	400	55	10	220	55	1.70
NY-95/55	LGJ-95/55	34	20	18	406	55	10	220	74	2.43
NY-120/70	LGJ-120/70	36	20	18	445	65	12	225	94	2.70
NY-150/25	LGJ-150/25	32	16	16	325	55	10	225	51	1.80
NY-185/25	LGJ-185/25	34	16	16	340	55	10	225	57	2.0
NY-185/30	LGJ-185/30	34	16	16	350	55	10	225	61	2.0
NY-240/25	LGJ-240/25	36	16	16	400	55	10	240	63	2.1



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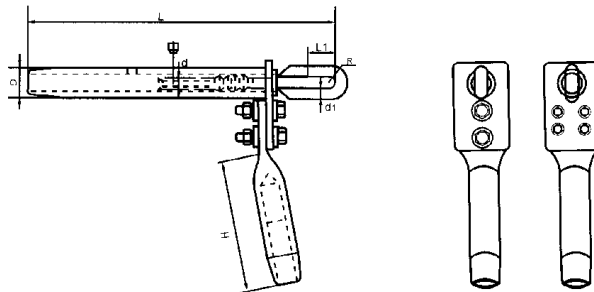
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NY-240/30	LGJ-240/30	36	16	18	455	55	10	240	72	2.5
NY-240/40	LGJ-240/40	36	16	18	469	55	10	240	79	2.5
NY-240/55	LGJ-240/55	36	20	18	481	55	11	250	97	2.7
NY-300/15	LGJ-300/15	40	14	16	440	50	11	265	65	2.6
NY-300/20	LGJ-300/20	40	14	18	465	55	11	265	72	2.8
NY-300/25	LGJ-300/25	40	14	18	465	55	11	265	79	2.9
NY-300/40	LGJ-300/40	40	16	18	487	55	11	265	88	3.1
NY-300/50	LGJ-300/50	40	18	18	510	65	12	265	98	3.1
NY-300/70	LGJ-300/70	42	22	18	545	70	12	265	122	3.9
NY-400/20	LGJ-400/20	45	14	18	486	55	13	280	84	3.6
NY-400/25	LGJ-400/25	45	14	20	496	55	13	80	91	3.7
NY-400/35	LGJ-400/35	45	16	18	524	65	13	280	99	4.0
NY-400/50	LGJ400/50	48	20	18	537	65	13	280	117	4.2
NY-400/60	LGJ-400/60	48	22	22	538	70	13	280	128	5.4
NY-400/95	LGJ-400/95	48	26	26	631	80	14	280	163	6.6

The body and jumper are made of extruded aluminum or aluminum alloy tube,. The anchor is made of drop forged steel, hot-dip galvanized .

Dead End Clamp for ACSR Conductor (compression type)



Cat No	Suitable Conductor	Dimensions(mm)							Slip strength (KN)	Weight (Kg)
		D	d1	d	L	L1	R	H		
NY-500/35	LGJ-500/35	52	16	20	617	65	14	275	114	5.3
NY-500/45	LGJ-500/45	52	18	20	627	70	14	275	122	5.4
NY-500/65	LGJ-500/65	52	22	22	657	70	15	275	146	6.2
NY-630/45	LGJ-630/45	60	18	22	675	70	16	300	141	7.7
NY-630/55	LGJ-630/55	60	20	22	675	70	16	300	156	7.9
NY-630/80	LGJ-630/80	60	24	26	730	80	17	300	183	9.1
NY-800/55	LGJ-800/55	65	20	26	750	80	19	345	182	10.5
NY-800/70	LGJ-800/70	65	22	26	755	85	19	345	197	10.6
NY-800/100	LGJ-800/100	65	26	30	765	85	19	345	229	12.1

The body and jumper are made of aluminum,.Other parts are made of hot-dip galvanized steel .

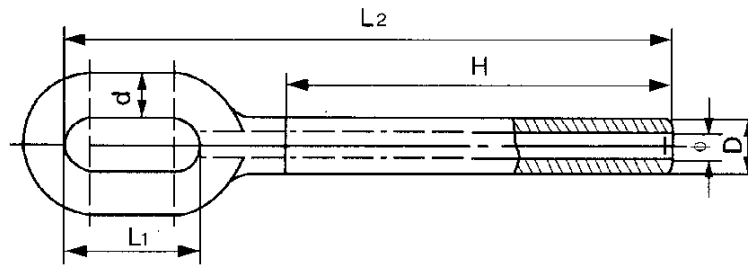


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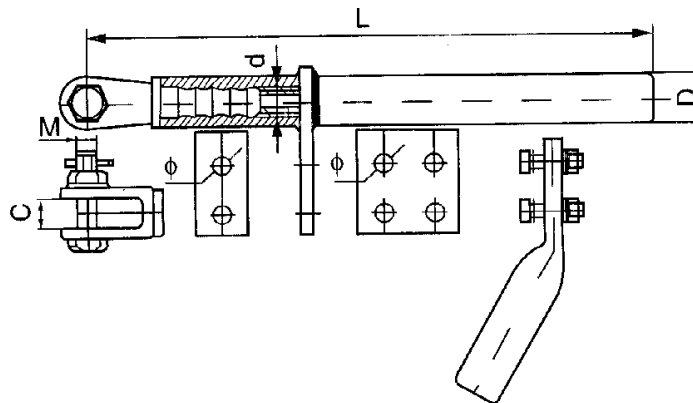
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Cat No	Suitable Conductor		Dimensions(mm)						Slip strength (KN)	Weight (Kg)
	Standard	Remark	Φ	D	d	L1	L2	H		
NY-35G	GB1200-88 1270N/mm ²	1x7-7.8	8.4	16	16	50	195	115	45	0.52
NY-55G		1x7-9.6	10.2	20	16	50	220	140	70	0.70
NY-80G		1x19-11.5	12.2	24	18	55	260	170	100	1.30
NY-100GC	GB1200-88 1370N/mm ²	1x19-13	13.7	28	22	70	325	220	130	1.64
NY-125GC		1x19-14.5	15.2	32	24	80	360	250	165	1.70
NY-150GC		1x19-16	16.7	34	24	80	395	270	200	2.52
NY-50G	GB1200-75 125kg/mm ²	1x7-9	9.7	18	16	50	220	130	60	0.63
NY-70G		1x19-11	11.7	22	18	55	245	155	80	1.02
NY-100G		1x19-13	13.7	26	20	65	290	185	120	1.63
NY-120G		1x19-14	14.7	28	22	70	310	195	140	1.90
NY-135G		1x19-15	15.7	30	22	70	330	215	215	2.30

Suitable for GSW.,made of hot-dip galvanized steel.

Compression Dead-End Clamp





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Cat No	Suitable Conductor	Dimensions(mm)						Slip strength (KN)	Weight (Kg)
		D	d	L	C	Φ	M		
NYC-95/15	DIN48204-95/15	32	14	365	24	14	16	33.32	1.65
NYC-95/55	DIN48204-95/55	34	20	405	24	14	16	73.95	2.50
NYC-120/20	DIN48204-120/20	32	14	385	24	14	16	42.54	2.10
NYC-120/70	DIN48204-120/70	42	22	475	24	14	20	93.20	4.10
NYC-150/25	DIN48204-150/25	34	14	405	24	14	16	51.49	2.25
NYC-170/40	DIN48204-170/40	34	16	410	24	14	16	71.53	2.30
NYC-185/30	DIN48204-185/30	34	16	410	24	14	16	61.70	2.60
NYC-240/40	DIN48204-240/40	38	16	460	24	14	18	80.52	3.05
NYC-240/55	DIN48204-240/55	38	20	460	24	14	20	97.00	3.10
NYC-300/50	DIN48204-300/50	42	20	480	24	14	20	99.72	3.76
NYC-340/30	DIN48204-340/30	42	16	480	24	14	20	86.58	3.60
NYC-350/79	DIN48204-350/79	48	24	520	24	14	22	157.96	4.52
NYC-360/60	DIN48204-360/60	48	20	520	24	14	20	131.02	4.31
NYC-435/55	DIN48204-435/55	48	20	520	24	14	20	127.16	4.35
NYC-450/40	DIN48204-450/40	48	16	520	24	14	20	112.53	4.30
NYC-490/65	DIN48204-490/65	52	22	575	24	14	22	142.68	5.30
NYC-490/110	DIN48204-490/110	60	26	590	24	14	24	211.55	6.70

The body and jumper clamp are made of aluminum, cotter-pin is made of stainless steel, other parts are made of hot-dip galvanized steel.



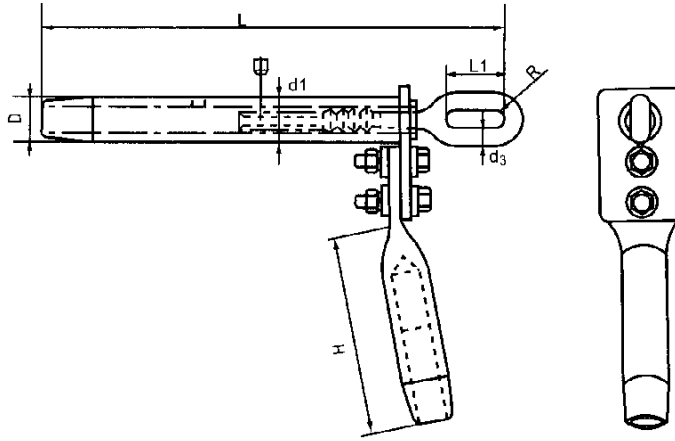
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Dead End Clamp for ACSR Conductor (compression type)



Cat No	Suitable Conductor	Dimensions(mm)							Slip strength (KN)	Weight (Kg)
		D	d1	d3	L	L1	R	H		
NY-170	LINNET	32	16	16	430	60	10	240	60.20	2.9
NY-183	LYNX	32	18	18	440	65	11	240	75.71	2.9
NY-240	HAWK	36	18	18	480	65	11	250	82.48	3.2
NY-241	HEN	36	20	20	490	78	12	250	99.44	3.3
NY-248	LARK	36	20	18	490	68	11	250	85.93	3.3
NY-282	DOVE	40	18	20	500	78	12	280	100.64	3.5
NY-264	BEAR	40	22	20	520	78	12	280	105.83	3.6
NY-306	SQUAB	40	18	20	500	78	12	280	102.98	3.5
NY-322	GROSBEAK	40	20	22	540	83	13	280	107.17	3.9
NY-376	TEAL	45	22	22	550	83	13	280	126.75	4.1
NY-402	CONDOR	45	20	22	590	83	13	300	119.29	4.2
NY-428	ZEBRA	48	20	22	600	83	13	300	125.31	4.3
NY-445	REDWING	48	24	24	600	95	15	300	146.32	4.5
NY-468	DRAKE	48	22	22	620	83	13	320	132.52	5.4
NY-494	MALLARD	48	26	24	620	95	15	320	163.00	5.4
NY-483	RAIL	48	18	20	620	78	13	340	109.60	6.4
NY-564	BLUEJAY	52	18	22	620	78	13	340	126.75	6.8
NY-546	CARDINAL	52	20	24	620	95	15	320	143.52	6.8
NY-604	GRACKLE	60	26	24	670	95	15	350	178.93	7.2

The body and jumper clamp are made of aluminum, other parts are made of hot-dip galvanized steel.



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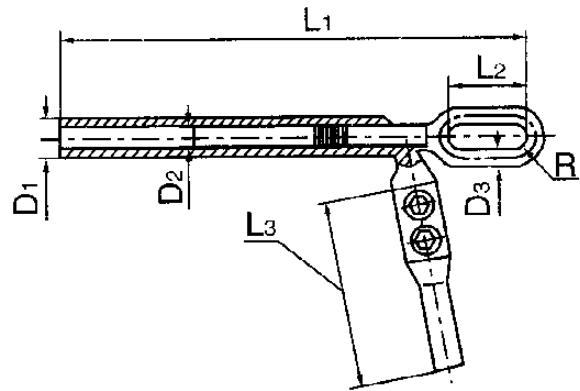
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Dead End Clamp for ACSR Conductor

(hydraulic compression type)

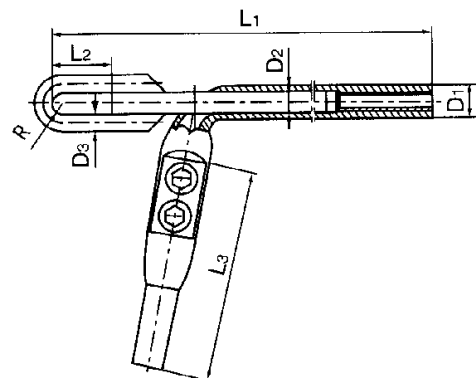


Cat No	Suitable Conductor	Dimensions(mm)							Slip strength (KN)	Weight(Kg)
		D1	D2	D3	L1	L2	L3	R		
NY-70/40BG	ACSR/AS-70/40	34	16	16	455	65	180	8.5	57.8	0.4
NY-80/47BG	ACSR/AS-80/47	36	18	16	460	65	230	10	64.6	2.6
NY-95/55BG	ACSR/AS-95/55	36	20	18	460	65	230	11	74.0	2.9
NY-185/30BG	ACSR/AS-185/30	36	16	16	530	65	220	9	62.9	2.9
NY-240/40BG	ACSR/AS-240/40	38	18	18	565	65	240	12	81.6	3.3
NY-300/25BG	ACSR/AS-300/25	42	14	18	580	65	265	11	74.4	3.6
NY-300/40BG	ACSR/AS-300/40	42	18	18	580	65	265	13	90.0	3.8
NY-300/50BG	ACSR/AS-300/50	42	18	18	595	78	265	13	101.0	4.1
NY-300/70BG	ACSR/AS-300/70	42	22	20	610	78	260	13	117.8	4.4
NY-400/35BG	ACSR/AS-400/35	48	18	20	615	78	280	13	99.0	5.2
NY-400/50BG	ACSR/AS-400/50	48	20	20	625	78	280	13	117.0	5.4

The body and jumper clamp are made of aluminum,. Other parts are made of hot-dip galvanized steel .

Dead End Clamp for ACSR Conductor

(hydraulic compression type)





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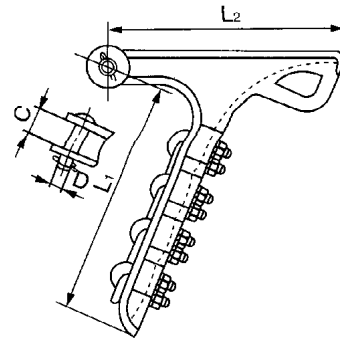
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Cat No	Suitable Conductor	Dimensions(mm)							Slip strength (KN)	Weight(Kg)
		D1	D2	D3	L1	L2	L3	R		
NY-50BG	LB20J-50	32	18	16	275	64	195	9	55.8	1.7
NY-70BG	LB 27J-70	32	20	16	380	50	185	10	65.8	1.7
NY-80BG	LB 20J-80	36	24	18	417	67	185	12	85.0	2.5
NY-95BG	LB 40J-95	34	24	16	430	60	200	12	56.0	2.5
NY-120BG	LB 27J-120	36	26	20	475	70	210	13	112.0	3.0
NY-150BG	LB 40J-150	42	26	20	530	75	265	13	86.0	3.8
NY-150.1BG	LB 20J-150	45	32	30	560	90	280	16	167.0	7.3
NY-240BG	LB 27J-240	50	36	30	620	110	280	18	221.3	7.8

The body ,aluminum bush and made of jumper clamp are aluminum,. Other parts are made of hot-dip galvanized steel .

Aluminium Alloy Strain Clamp (bolted type)



Cat No	Conductor Dia. (mm)	Dimensions(mm)				U Bolt (pc.)	U.T.S (KN)	Weight(Kg)
		D	C	L1	L2			
NLL-1	5.1-11.4	16	19	126	108	2	40	0.5
NLL-2	10.9-15.5	16	24	176	187	2	40	1.8
NLL-3	15.0-21.0	16	17.5	190	203	3	70	1.9
NLL-4	18.1-24.8	16	30	298	284	4	90	4.1
NLL-5	24.0-30.0	24	36	446	342	5	120	7.0
NLL-1A	4.57-13.21	16	16	114	137	2	35	1.0
NLL-5A	8.0-30.0	18	32	190	238	3	80	3.5
NLL-6A	30.0-38.0	18	39	260	245	3	80	4.2

The body and keeper are made of aluminum alloy,. the cotter-pin is made of stainless steel. Other parts are made of hot-dip galvanized steel .



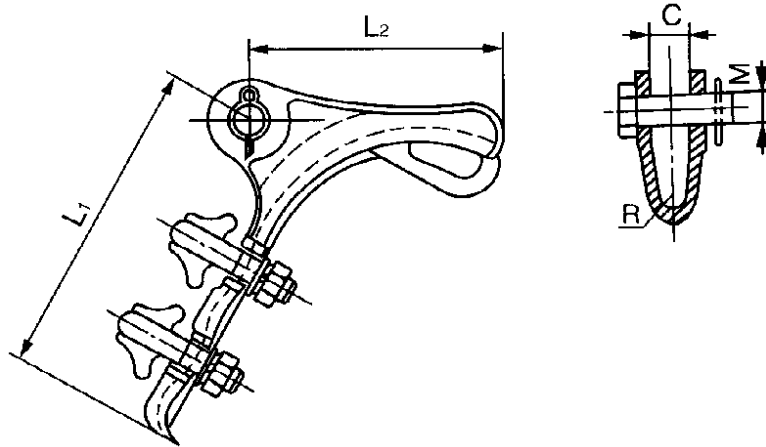
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Malleable Iron Strain Clamp (bolted type)



Cat No	Conductor Dia. (mm)	Dimensions(mm)					U Bolt		U.T.S (KN)	Weight(Kg)
		M	C	L1	L2	R	Q'ty	Dia.(mm)		
NLD-1	50-10.0	16	18	150	120	6.5	2	12	20	1.3
NLD-2	10.1-14.0	16	18	205	130	8.0	3	12	40	2.1
NLD-3	14.1-18.0	18	22	310	160	11.0	4	16	70	4.6
NLD-4	18.1-23.0	18	25	410	220	12.5	4	16	90	7.1

The body and keeper are made of malleable iron., the cotter-pin is made of stainless steel .Other parts are made of hot-dip galvanized steel .



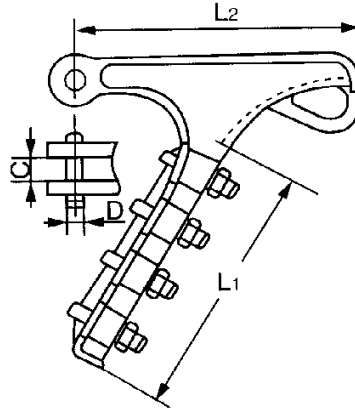
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Strain Clamp (bolted type)



Cat No	Conductor Dia. (mm)	Dimensions(mm)				U Bolt No.	U.T.S (KN)	Weight(Kg)
		D	C	L1	L2			
NLL1-1	5.1-11.4	16	19	108	126	2	40	1.7
NLL1-1.7	4.6-13.2	16	14	80	100	2	40	1.3
NLL1-2	8.9-18.5	16	24	187	176	2	40	3.2
NLL1-2C	10.9-15.5	16	28	140	200	2	40	3.2
NLL1-2D	11.7-21.8	16	30	140	200	2	40	3.1
NLL1-2M	6.54-9.27	16	20	127	156	2	40	3.0
NLL1-3	5.1-14.5	16	17	187	203	3	70	5.3
NLL1-3A	11.68-21.84	16	21	128	126	3	70	3.1
NLL1-3N	12.6-23.4	16	22	150	130	3	70	3.2
NLL1-3U	9.5-21	16	25	120	156	3	70	3.8
NLL1-4	9.1-21.8	16	26	275	292	4	90	7.4
NLL1-4A	18.1-24.8	18	30	298	284	4	102	7.4
NLL1-5	24.0-30.0	24	36	446	342	5	120	9.2
NLL1-5A	25.2-36.2	18	32	235	280	5	80	8.3
NLL1-6A	25.0-38.0	18	36	245	300	6	80	9.8

The body is made of malleable iron and the keeper is made of aluminum alloy, the cotter-pin is made of stainless steel. Other parts are made of hot-dip galvanized steel .



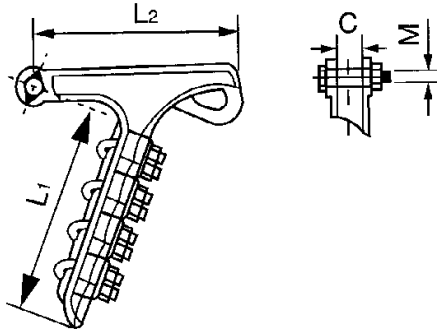
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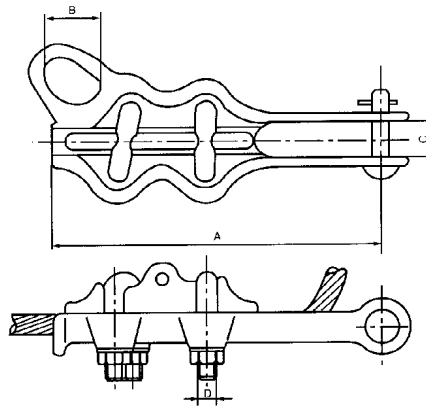
Strain Clamp (bolted type)



Cat No	Conductor Dia. (mm)	Dimensions(mm)				U Bolt No.	U.T.S (KN)	Weight(Kg)
		M	C	L1	L2			
NLT-1U	5.1-11.4	16	19	126	108	2	40	0.5
NLT-2U	8.9-18.5	16	14	176	187	2	40	1.8
NLT-3U	5.0-15.0	16	17.5	190	203	3	70	1.9
NLT-4U	12.1-21.8	16	30	298	284	4	90	4.1
NLT-5U	18.0-30.0	24	36	446	342	5	120	7.0

The body is made of malleable iron , the keeper and liner of clampare made of aluminum alloy,. the cotter-pin is made of stainless steel. Other parts are made of hot-dip galvanized steel.

strain Clamp (straight line type)



Cat No	Conductor Dia. (mm)	Dimensions(mm)				U Bolt No.	U.T.S (KN)	Weight(Kg)
		A	B	C	D			
NLZ-1L	3.8-9.4	114	25.4	18	16	2	20	0.60
NLZ-2L	5.8-10.4	206	25.4	19	16	2	35	0.84
NLZ-3L	7.6-15.2	210	22.2	22	16	2	45	1.05
NLZ-4L	11.7-22.4	260	25.4	29	16	2	45	1.34

Clamp body and keeper are made of aluminum alloy. cotter-pin is made of stainless steel. Other parts are made of hot-dip galvanized steel



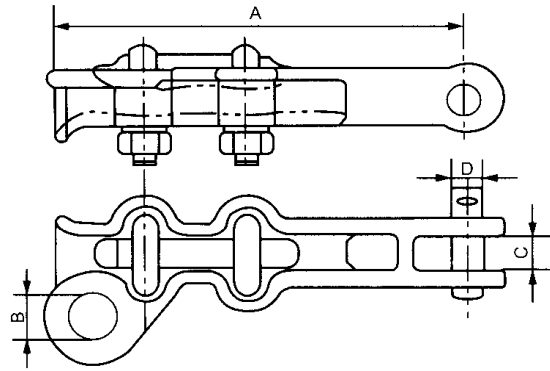
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Aluminum Alloy Strain Clamp (straight line type)



Cat No	Conductor Dia. (mm)	Dimensions(mm)				U Bolt No.	U.T.S (KN)	Weight (Kg)
		A	B	C	D			
NLZ-1T	3.8-9.4	114	25.4	18	16	2	30	1.2
NLZ-2T	5.8-10.4	206	25.4	19	16	2	45	1.68
NLZ-3T	7.6-15.2	210	22.2	22	16	2	55	2.10
NLZ-4T	11.7-22.4	260	25.4	19	16	2	55	2.68

The body and keeper are made of hot-dip galvanized malleable iron. cotter-pin is made of stainless steel. Other parts are made of hot-dip galvanized steel .