

保护金具 Protective Fitting

保护金具主要用于减少架空电力线路导线、避雷线的振动幅度，以及 330KV 以上线路和变电所绝缘子串的均压屏蔽等，如防振锤，间隔棒，均压屏蔽环.....

产品型号字母的意义为：

M- 母线 R- 软导线 F- 防护、封头 Y- 预绞丝 D- 导线

J- 间隔、均压 Z- 终端、阻尼 Q- 球绞 G- 钢绞线

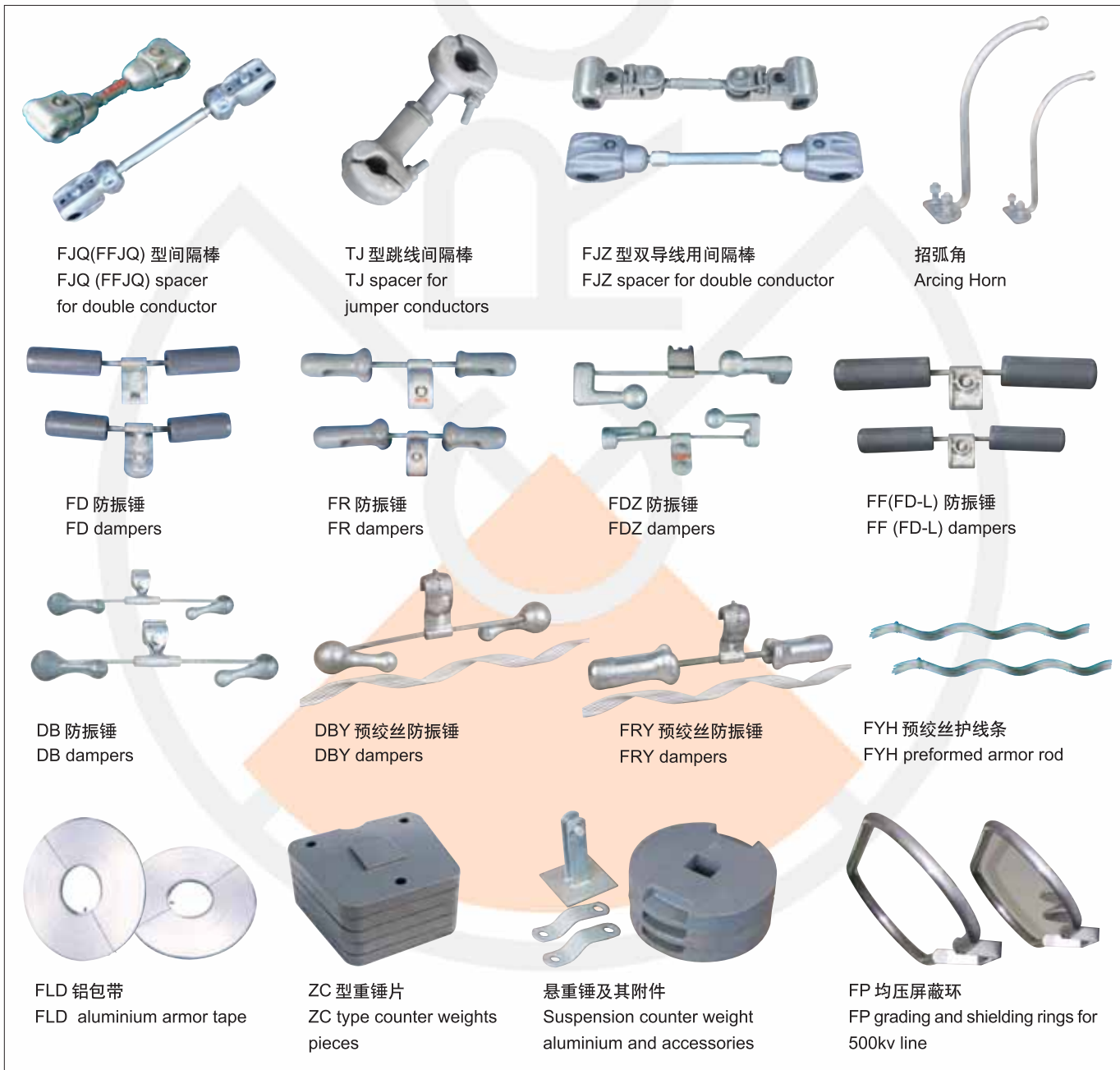
防振锤、间隔棒线夹与导线连接时，应根据使用情况可在导线外缠铝包带。

Protective fittings are used to restrain aeolian vibration of conductor and ground wire foverhead transmission lines.or to grade and to shield the insulator string of 330KV and above transmission lines and substation.For example,dampers,spacers,grading and hielding rings.....

M-Bus-bar R-cable F-Protection,end cap Y-preformed armor rod D-conductor J-space,voltage Z-Damper terminal

Q-ball joint G-steel wire

The conductor can be enwound by aluminium tapes as installing dampers and spacers onto it.



1、防振锤

Dampers

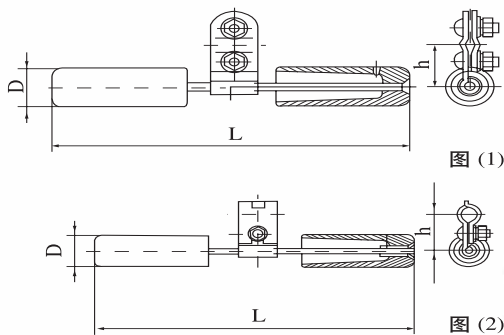


图 (1)

图 (2)

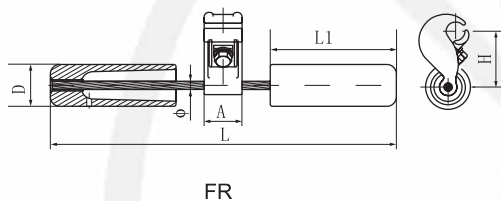
型号 Catalog No.	适用绞线截面 Conductor Section Area(mm ²)		简图 Fig No.	主要尺寸 Dimensions (mm)			参考重量 Weight (kg)
	钢绞线 Steel Wire	钢芯铝绞线 AAC&ACSR		L	D	h	
FD-1		35-50	1	300	40	40	1.5
FD-2		70-95	2	370	46	55	2.4
FD-3		120-150	2	450	56	65	4.5
FD-4		185-240	2	500	62	70	5.6
FD-5		300-400	2	550	67	70	7.2
FD-6		500-630	2	550	70	75	8.6
FG-35	35		1	300	42	50	1.8
FG-50	50		1	350	46	50	2.4
FG-70	70		2	400	56	60	4.2
FG-100	100		2	500	62	65	5.9

锤头为灰铸铁件，涂漆，其余为热镀锌钢制件。

Counter weights are grey iron, painted. The other parts are hot-dip galvanized steel.

2、防振锤(节能无电晕放电型)

Dampers (Energy Saving Corona Free TYPE)



FR

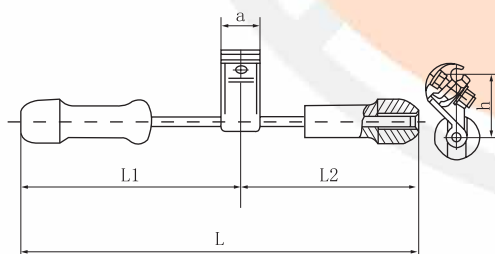
型号 Catalog No.	适用导线 Suitable Conductor(mm ²)	主要尺寸 Dimensions (mm)					钢绞线规格 Slip Strength	锤头重量 (kg)	参考重量 Weight (kg)
		D	A	H	L	L1			
FD-1L	LGJ-35-50	40	50	81	300	95	7/2.6	0.54	1.5
FD-2L	LGJ-70-95	46	50	81	370	130	7/3.0	0.94	2.4
FD-3L	LGJ-120-150	56	50	81	450	150	19/2.2	1.74	4.5
FD-4L	LGJ-185-240	62	50	91	500	175	19/2.2	2.17	5.6
FD-5L	LGJ-300-400	67	50	96	550	200	19/2.6	3.00	7.2
FD-6L	LGJ-500-630	70	50	96	550	200	19/2.6	3.60	8.6
FF-5G	LGJ-300-400	67		90	550	200			

线夹为铝合金件，锤头为灰铸铁件，浸漆；如用户需要，重锤可热镀锌。

Clamp is aluminium alloy and counter weight piece is grey cast iron, painted. If user demands the counter weight piece will be hot-dip galvanized.

3、防振锤

Dampers



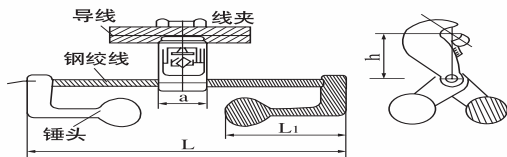
型号 Catalog No.	适用导线直径范围 Suitable Conductor(mm)	主要尺寸 Dimensions (mm)					参考重量 Weight (kg)
		L1	L2	h	a	L	
FR-1	7-12	239	190	80	50	429	2.6
FR-2	11-22	239	190	80	50	429	2.6
FR-3	18-28	280	225	90	60	505	4.97
FR-4	23-36	300	250	97	60	550	4.50

线夹为铝合金件，锤头为灰铸铁件，涂漆或热镀锌，其余为热镀锌钢制件。

Clamp is aluminium alloy and counter weight is grey cast iron, painted or hot-dip galvanized. The other parts are hot-dip galvanized steel.

4、组合型防振锤

Combined Type Spacer-dampers



组合型防振锤 FDZ

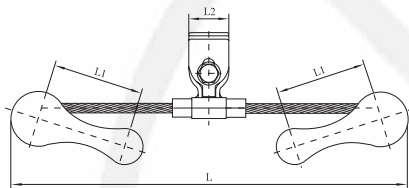
型号 Catalog No.	适用导线直径范围 Applicable Conductor(mm)	主要尺寸 Dimensions (mm)				钢绞线 规格 Specification	单锤重量 Weight (Kg)	钢绞线 规格 Specification
		a	h	L1	L			
FDZ-1	7.00-12.0	50	66	120	320	19/1.8	0.7	1.80
FDZ-2	11.0-15.0	50	66	130	350	19/1.8	0.9	2.30
FDZ-3	14.0-19.0	60	66	150	430	19/2.2	1.7	4.40
FDZ-4	18.0-22.5	60	66	160	470	19/2.2	2.1	5.50
FDZ-5F	22.0-29.0	60	95	180	520	19/2.6	3.0	7.10
FDZ-6F	28.0-35.0	60	95	180	520	19/2.6	3.6	8.30
FDZ-1T	7.8	50	30.7	120	320	19/1.8	0.7	1.80
FDZ-2T	9.0-9.6	50	30.7	130	350	19/1.8	0.9	2.30
FDZ-3T	11.0-11.5	60	44.7	150	430	19/2.2	1.7	4.40
FDZ-4T	13.0	60	44.7	160	470	19/2.2	2.1	5.50

线夹为铝合金件，锤头为灰铸铁件，涂漆或热镀锌，其余为热镀锌钢制件。

Clamp is aluminium alloy and counter weight is grey cast iron, painted or hot-dip galvanized. The other parts are hot-dip galvanized steel

5、节能型防振锤

Energy saving damper



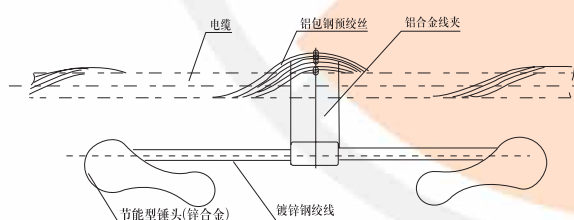
型号 Catalog No.	适用导线直径范围 Applicable conductor(mm)	L	L1	L2	参考重量 Weight (kg)
FDB0712	7~12.00	420	80	35	1.3
FDB1215	12~15.00	420	80	40	1.3
FDB1518	15~18.00	420	80	40	1.3
FDB1821	18~21.00	420	80	45	1.3
FDB2124	21~24.00	456	97	45	2.5
FDB2427	24~27.00	480	110	50	4.6
FDB2730	27~30.00	480	110	50	4.8

线夹为铝合金件，锤头为锌合金铸件，标准件为不锈钢制件。

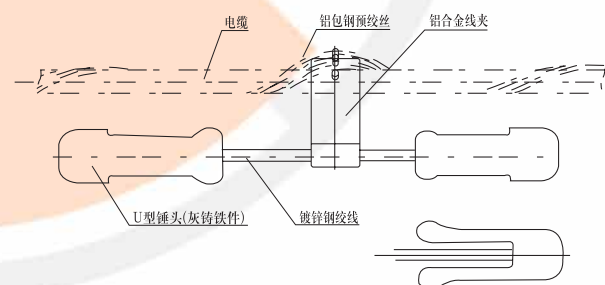
Clamp is aluminium alloy and counter weight is zinc alloy, norm parts are stainless steel.

6、预绞丝防振锤

Pneformed Armor Rods for demper



节能型预绞丝防振锤



音叉型预绞丝防振锤

序号 No.	音叉型锤头 Tuning fork hammerhead		节能型锤头 Energy Saving Hammerhead		配套预绞丝型号 Catalog NO. of Preformel Armor Rods	适用导线 Suitable Conductor(mm ²)			
	防振锤型号 Catalog No.	参考重量 Weight (kg)	防振锤型号 Catalog No.	参考重量 Weight (kg)		钢芯铝绞线 Steel Cored Aluminium Stranded wire	铝绞线 Aluminium wire	镀锌钢绞线 Galvanized Steel Strand	铝包钢绞线 Aluminium Clad Steel wire
1	FRY-0101	2.6	DBY-0105	1.3	FY-0235(7.50-8.16)	LGJ-35/6	LJ-35	GJ-35	GLB-35
					FY-0250(9.00-9.60)	LGJ-50/8	LJ-50	GJ-50	GLB-50
					FY-0270(10.80-11.60)	LGJ-50/30	LJ-70	GJ-55	GLB-55
						LGJ-70/10		GJ-70	GLB-70
2	FRY-0201	2.64	DBY-0205	1.34	FY-0295(12.48-13.87)	LGJ-70/40	LJ-95	GJ-95 GJ-100	GLB-95 GLB-100
						LGJ-95/15			
						LGJ-95/20			
					FY-02120(14.26-16.00)	LGJ-95/55	LJ-120 LJ-150	GJ-120 GJ-150	GLB-120 GLB-150
						LGJ-120/7			
						LGJ-120/20			
						LGJ-120/25			
						LGJ-150/8			
					FY-02150(16.67-18.00)	LGJ-120/70	LJ-185	GJ-185	GLB-185
						LGJ-150/20			
						LGJ-150/25			
						LGJ-150/35			
						LGJ-185/10			
3	FRY-0302	5.05	DBY-0310	2.58	FY-02185(18.75-20.00)	LGJ-185/25	LJ-210 LJ-240		
						LGJ-185/30			
						LGJ-185/45			
						LGJ-210/10			
						LGJ-210/25			
					FY-03240(20.86-22.40)	LGJ-210/35	LJ-300		
						LGJ-210/50			
						LGJ-240/30			
4	FRY-0402	5.08	DBY-0410	2.63	FY-03300(23.01-25.20)	LGJ-240/40			
						LGJ-240/55			
						LGJ-300/15			
						LGJ-300/20			
						LGJ-300/25			
			DBY-0420	4.6	FY-03400(25.90-28.00)	LGJ-300/40	LJ-400		
						LGJ-300/50			
						LGJ-300/70			
						LGJ-400/20			
						LGJ-400/25			
5	FRY-0503	6.12	DBY-0520	4.6	FY-03500(29.12-30.96)	LGJ-400/35	LJ-500		
						LGJ-400/50			
						LGJ-400/65			
						LGJ-400/95			
					FY-03630(32.67-34.82)	LGJ-500/35	LJ-630		
						LGJ-500/45			
						LGJ-500/65			
						LGJ-630/45			
						LGJ-630/55			
						LGJ-630/80			

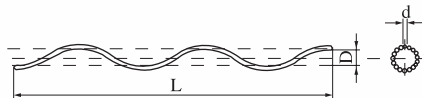
FRY-XXXX FRY表示音叉型(FR型)预绞丝防振锤 DBY-XXXX

DBY表示节能型预绞丝防振锤 FY-XXXX FY表示配套的预绞丝

以上列表为我公司部分常用产品;中国永固集团可根据客户要求设计出合适的各种型号规格的预绞丝防振锤。

7、预绞线护线条

Preformed Armor Rods



1) 预绞丝护线条

Preformed Armor Rods

型号 Catalog No.	适用导线 Suitable Conductor(mm ²)	主要尺寸 Dimensions (mm)			根数 No of a group	参考重量 Weight (kg)
		d	D	L		
FYH-35/6	LGJ-35/6	3.6	7.1	1000	9	0.2
FYH-50/8	LGJ-50/8	3.6	8	1100	9	0.25
FYH-50/30	LGJ-50/30	3.6	9.8	1300	11	0.3
FYH-70/10	LGJ-70/10	3.6	9.7	1300	11	0.33
FYH-95/15	LGJ-95/15	3.6	11.4	1400	13	0.53
FYH-95/20	LGJ-95/20	3.6	11.4	1400	13	0.54
FYH-95/55	LGJ-95/55	3.6	13.3	1500	16	0.62
FYH-120/7	LGJ-120/7	3.6	12.0	1400	14	0.55
FYH-120/20	LGJ-120/20	3.6	12.5	1400	14	0.57
FYH-120/25	LGJ-120/25	3.6	13.0	1400	14	0.58
FYH-120/70	LGJ-120/70	4.6	14.9	1800	14	0.75
FYH-150/8	LGJ-150/8	3.6	13.3	1500	16	0.62
FYH-150/20	LGJ-150/20	3.6	14.7	1500	16	0.65
FYH-150/25	LGJ-150/25	3.6	14.2	1500	16	0.64
FYH-150/35	LGJ-150/35	3.6	14.5	1500	16	0.66
FYH-185/10	LGJ-185/10	4.6	14.9	1800	14	1.24
FYH-185/25	LGJ-185/25	4.6	15.7	1800	14	1.25
FYH-185/30	LGJ-185/30	4.6	15.7	1800	14	1.26
FYH-185/45	LGJ-185/45	4.6	16.3	1800	14	1.26
FYH-210/10	LGJ-210/10	4.6	15.9	1800	14	1.27
FYH-210/25	LGJ-210/25	4.6	16.6	1800	14	1.28
FYH-210/35	LGJ-210/35	4.6	16.9	1800	14	1.28
FYH-210/50	LGJ-210/50	4.6	17.3	1800	14	1.30
FYH-240/30	LGJ-240/30	4.6	17.9	1900	16	1.44
FYH-240/40	LGJ-240/40	4.6	17.9	1900	16	1.44
FYH-240/55	LGJ-240/55	4.6	18.6	1900	13	1.50
FYH-300/15	LGJ-300/15	6.3	19.1	2000	13	2.30
FYH-300/20	LGJ-300/20	6.3	19.4	2000	13	2.30
FYH-300/25	LGJ-300/25	6.3	19.7	2000	13	2.33
FYH-300/40	LGJ-300/40	6.3	19.9	2000	13	2.34
FYH-300/50	LGJ-300/50	6.3	20.1	2000	13	2.34
FYH-300/70	LGJ-300/70	6.3	20.9	2000	13	2.54
FYH-400/20	LGJ-400/20	6.3	22.3	2200	14	2.80
FYH-400/25	LGJ-400/25	6.3	22.1	2200	14	2.80
FYH-400/35	LGJ-400/35	6.3	22.3	2200	14	2.80
FYH-400/50	LGJ-400/50	6.3	23.0	2200	14	2.80
FYH-400/65	LGJ-400/65	6.3	23.2	2200	14	2.83
FYH-400/95	LGJ-400/95	6.3	24.8	2200	14	2.85
FYH-500/35	LGJ-500/35	6.3	24.9	2500	16	3.48
FYH-500/45	LGJ-500/45	6.3	24.9	2500	16	3.48
FYH-500/65	LGJ-500/65	6.3	25.7	2500	16	3.50
FYH-630/45	LGJ-630/45	7.8	27.9	2500	15	5.32
FYH-630/55	LGJ-630/55	7.8	28.5	2500	15	5.40
FYH-630/80	LGJ-630/80	7.8	28.9	2500	15	5.40
FYH-720/50	ACSR-720/50	7.8	31.0	3000	15	6.20
FYH-800/55	LGJ-800/55	7.8	31.8	2500	17	6.02
FYH-800/70	LGJ-800/70	7.8	32.1	2500	17	6.10
FYH-800/100	LGJ-800/100	7.8	32.3	2500	17	6.20

铝合金制件。

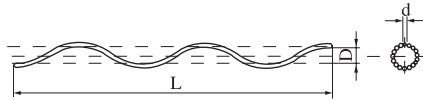
Material is aluminium alloy.

N

防护金具
Protective fitting

2) 预绞丝护线条

Preformed Armor Rods



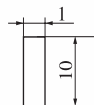
型号 Catalog No.	适用导线 Suitable Conductor(mm ²)	主要尺寸 Dimensions (mm)			根数 No of a group	参考重量 Weight (kg)
		d	D	L		
FYH-50BG	LBGJ-50-23AC	3.6	7.7	1000	9	0.95
FYH-80BG	JLB1A-80	3.6	9.6	1400	12	1.61
FYH-100BG	LBGJ-100-20AC	3.6	11.0	1400	12	1.92
FYH-120BG	JLB1A-120	3.6	12.0	1400	14	1.72
FYH-150BG	LBGJ-150-40AC	3.6	13.2	1500	15	1.98
FYH-185BG	LBGJ-185-20AC	3.6	14.5	1500	16	2.10

材料：铝包钢线。

Material:aluminium covered steel wire.

8、铝包带

Aluminium Armour Tape



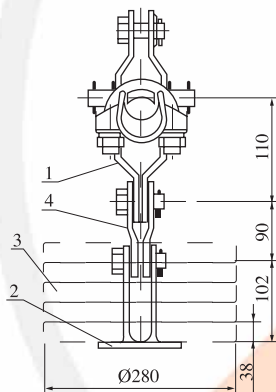
公称规格 Catalog No.	厚度 Thickness dia (mm)	宽度 Widen dia (mm)	参考重量 Weight (kg)	
			Kg/m	M/Kg
1 × 10	1.0	10	0.027	37

铝合金制件

Material is aluminium alloy.

9、悬重锤及其附件

Suspension counter weight aluminium and accessories



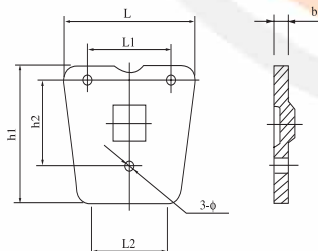
型号 Catalog No	名称 Name	型号 Catalog No	参考重量 Weight(kg)	用途 Use
1	重锤挂板 Counter weight clevis	ZG-1	0.28	适用安装于 XGU-4 悬垂线夹上
		ZG-2	0.29	适用安装于 XGU-5.6 悬垂线夹上
2	重锤座	ZJ-1	1.50	
3	重锤片 Counter pieces	ZC-1	15.00	
4	平行挂板	PS-7	0.53	见联结金具

重锤片为灰铸铁件、涂漆，其余为热镀锌钢制件。

Counter weight piece is grey iron.painted.the other parts are hot-dip galvanized steel.

10、重锤片

Counter weight



1) 重锤片

Counter weight

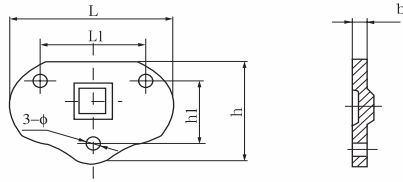
型号 Catalog No	主要尺寸 Dimensions (mm)							参考重量 Weight (kg)
	L	L1	L2	h1	h2	b	Ø	
ZC-18	350	240	200	300	220	30	24	21.8

灰铸铁件，涂漆。

Grey iron painted.

2)重锤片

Counter weight

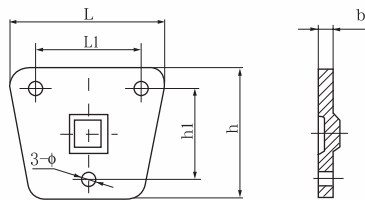


型号 Catalog No	主要尺寸 Dimensions (mm)						参考重量 Weight (kg)
	L	L1	h	h1	b	Ø	
ZC-20	390	240	300	225	30	24	21.8

灰铸铁件，涂漆。
Grey iron painted.

3)重锤片

Counter weight

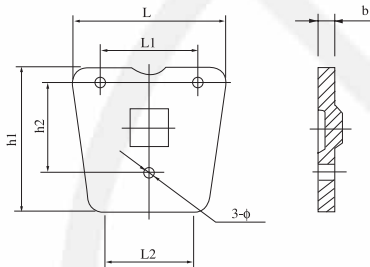


型号 Catalog No	主要尺寸 Dimensions (mm)						参考重量 Weight (kg)
	L	L1	h	h1	b	Ø	
ZD-20	450	240	300	220	30	24	21.8

灰铸铁件，涂漆。
Grey iron painted.

11、重锤片

Counter weight pieces

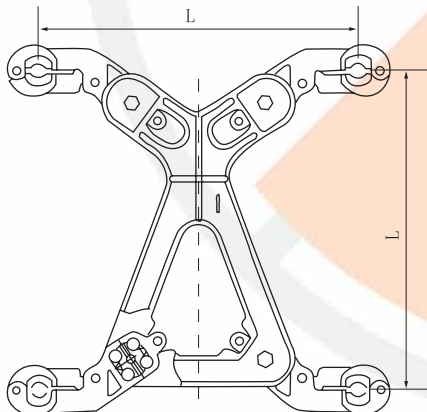


型号 Catalog No	主要尺寸 Dimensions (mm)							参考重量 Weight (kg)
	L	L1	L2	h1	h2	b	Ø	
ZC-18G	350	240	200	300	220	36	24	21.8
ZC-30	380	240	200	300	220	35	24	30.0

重锤片为灰铸铁件，涂漆。
Counter weights are grey iron,painted.

12、四分裂阻尼间隔棒(330kV 线路用)

Acers-dampers for Four-bundle Conductor(330kV Line)

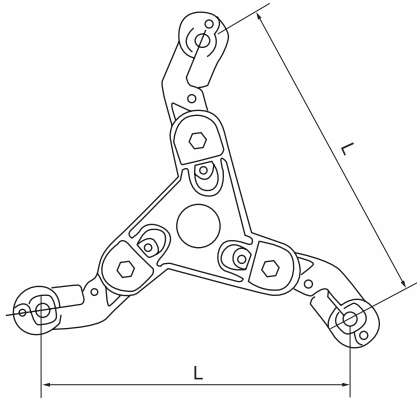


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions (mm)	参考重量 Weight (kg)
		L	
JZJ4-35150	LGJ-150/20,25,35	350	4.6
JZJ4-35185	LGJ-185/25,30,45	350	4.6
JZJ4-35210	LGJ-210/25,35,50	350	4.6
JZJ4-35240	LGJ-240/30,40,55	350	4.6

线夹为铝合金件，阻尼垫为合成橡胶，其余为热镀锌钢制件。
The clamp are aluminium alloy,Dampers are elastomer,the other parts are hot-dip galvanized steel.

13、三分裂阻尼间隔棒(330kV 线路用)

Acers-dampers for Three-bundle Conductor (330kV Line)



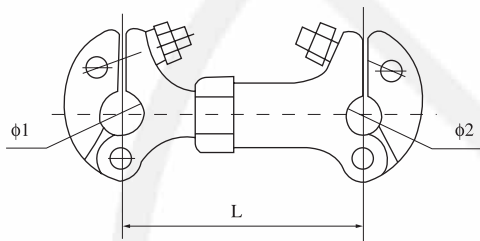
型号 Catalog No.	适用导线 Suitable Conductor(mm ²)	主要尺寸 Dimensions (mm)	参考重量 Weight (kg)
		L	
FJZ3-35185	LGJ-185/25,30,45	350	3.5
FJZ3-35210	LGJ-210/25,35,50	350	3.5
FJZ3-35240	LGJ-240/30,40,55	350	3.5

线夹为铝合金件, 阻尼垫为合成橡胶, 其余为热镀锌钢制件。

The clamp are aluminium alloy,Dampers are elastomer,the other parts are hot-dip galvanized steel.

14、间隔棒

Spacer Dampers For 500kv Line



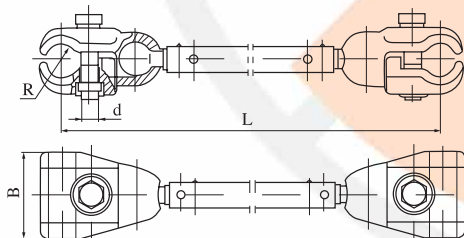
型号 Catalog No.	适用导线外径 Applicable Conductor(mm)	主要尺寸 Dimensions (mm)			参考重量 Weight (kg)
		Ø1	Ø2	L	
TJ2-12300	23.0-24.5	18(20)	24	120	0.85
TJ2-12400	26.0-28.0	22(24)	28	120	0.85
TJ2-12500	30	30	24	120	0.95

线夹为铝合金件。

The clamps are aluminium alloy.

15、间隔棒

Spacers for Double Conductor



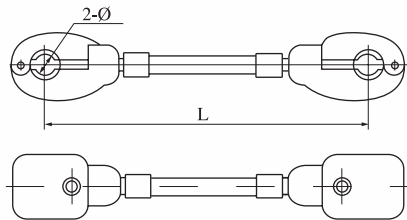
型号 Catalog No.	适用导线范围 Applicable Conductor(mm ²)	主要尺寸 Dimensions (mm)		轴向荷重 ≥ (kN)	参考重量 Weight (kg)
		R	L		
FJQ-403	120-150	9.5	400	7	1.00
FJQ-404	185-240	11.0	400	7	1.00
FJQ-405	300-400	14.5	400	10	1.20
FJQ-204	185-240	11.0	200	7	0.85
FJQ-205	300-400	14.5	200	10	1.05
FJQ-455	300-400	15.4	450	10	2.43

本体和压板为铝合金件, 其余为热镀锌钢制件。

The body is and Keeps are aluminium alloy. the other parts are hot-dip galvanized steel.

16、间隔棒

Spacer Dampers for Double Conductor



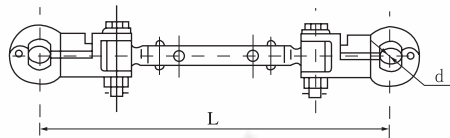
型号 Catalog No.	适用导线 Suitable Conductor(mm ²)	主要尺寸 Dimensions (mm)		参考重量 Weight (kg)
		L	Ø	
JJB2-45/300	LGJ-300	450	22.5	2.6
JJB2-45/400	LGJ-400	450	27.5	2.5
JJB2-45/500	LGJ-500	450	28.2	3.1

本体和压板为铝合金件，阻尼垫为合成橡胶，其余为热镀锌钢制件。

The body and keepers are aluminium alloy, Dampers are elastomer, the other parts are hot-dip galvanized steel.

17、间隔棒

Spacer-Dampers



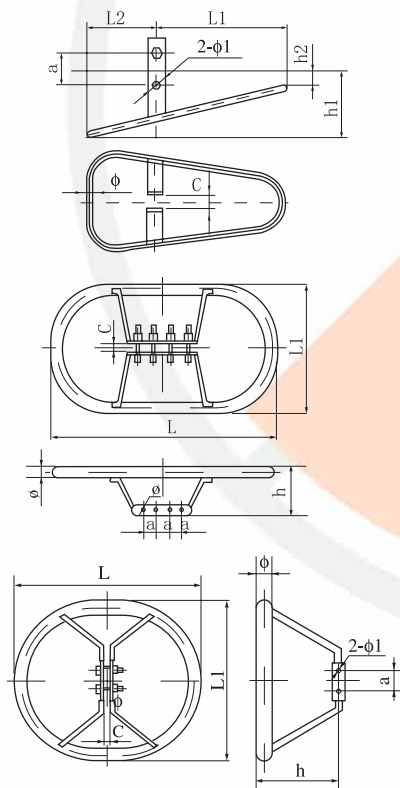
型号 Catalog No.	适用导线 Suitable Conductor(mm ²)	主要尺寸 Dimensions (mm)		参考重量 Weight (kg)
		L	d	
FJZ-240/300	LGJ-300/40-50	400	20-24	3.1
FJZ-240/400	LGJ-400/35-40			

本体和压板为铝合金件，橡胶垫为合成橡胶，其余为热镀锌钢制件。

The body and keepers are aluminium alloy, Dampers are elastomer, the other parts are hot-dip galvanized steel.

18、均压屏蔽环(330kV 线路用)

Grading and Shielding Rings for 330kV Line



1) 均压屏蔽环

Grading and Shielding Rings for 330kV Line

型号 Catalog No.	主要尺寸 Dimensions (mm)								参考重量 Weight (kg)	材料 Material
	L1	L2	h1	h2	a	C	Ø	Ø1		
JP-330-N	652	352	392	120	80	24	32	18	5.2	钢
J-330N	702	320	176	136	80	24	32	18	5.0	钢
JP-330-NL	650	270	392	120	80	24	32	18	2.5	铝

铝制件或热镀锌钢制件。

The body is aluminium or hot-dip galvanized steel.

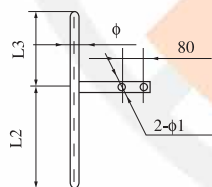
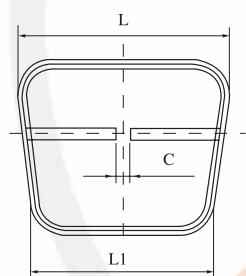
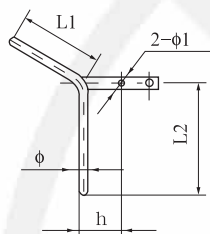
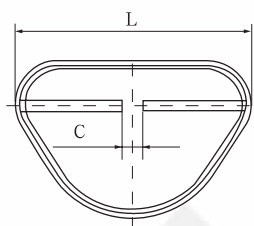
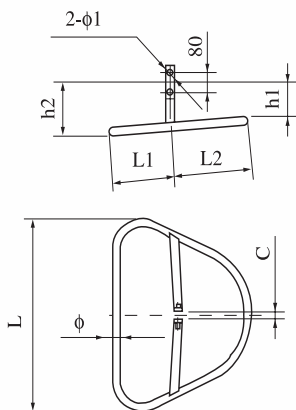
2) 均压屏蔽环

Grading and Shielding Rings for 330kV Line

型号 Catalog No.	主要尺寸 Dimensions (mm)							参考重量 Weight (kg)	材料 Material
	L	L1	h	Ø	Ø1	C	a		
FJP-330XS	900	600	231	32	14	22	120	10.60	钢
FJP-330XD	700	600	275	32	18	20	80	9.60	钢

热镀锌钢制件。

Hot-dip galvanized steel.



3) 均压屏蔽环

Grading and Shielding Rings for 330kV Line

型号 Catalog No.	主要尺寸 Dimensions (mm)								参考重量 Weight (kg)	材料 Material
	L	L1	L2	h1	h2	C	Ø	Ø1		
JP-330-X	800	270	350	145	220	18	32	18	4.2	钢
FJP-330-NB	800	320	380	150	392	26	32	18	4.8	钢
JP-330-XL800	800	270	350	145	220	18	32	18	2.1	钢

铝制件或热镀锌钢制件。

The body is aluminium alloy or hot -dip galvanized steel.

4) 均压屏蔽环

Grading and Shielding Rings for 330kV Line

型号 Catalog No.	主要尺寸 Dimensions (mm)							参考重量 Weight (kg)	材料 Material
	L	L1	L2	h	C	Ø	Ø1		
PV-330	815	300	390	130	22	32	18	4.8	钢

热镀锌钢制件。

Hot-dip galvanized steel.

5) 均压屏蔽环

Grading and Shielding Rings for 330kV Line

型号 Catalog No.	主要尺寸 Dimensions (mm)							参考重量 Weight (kg)	材料 Material
	L	L1	L2	L3	C	Ø	Ø1		
P-330X	800	700	280	380	18	32	18	5.48	钢
P-330XL	800	700	280	380	18	32	18	2.7	铝

铝制件或热镀锌钢制件。

The body is aluminium or hot-dip galvanized steel.

19、招弧角

Arcing Horn

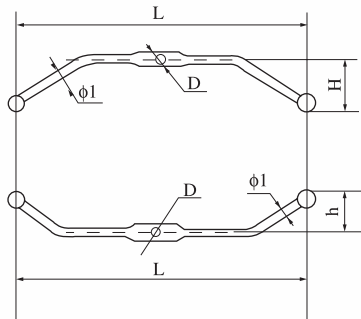


图 1

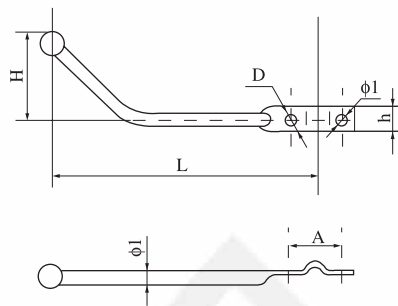


图 2

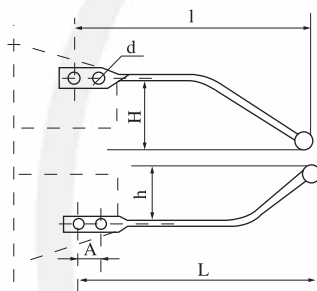


图 3

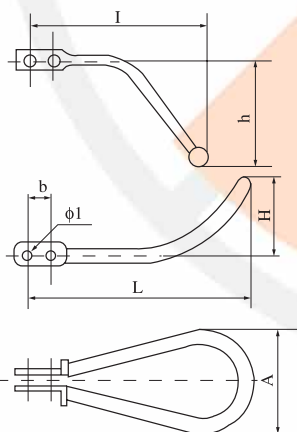


图 4

1) 招弧角

Arcing Horn

型号 Catalog No.	主要尺寸 Dimensions (mm)					图号 Fig No.	电压等级 Recommend Voltage(KV)	参考重量 Weight (kg)
	D	H	L	Ø1	h			
ZH-01	14.5	197	712	16	114	1	138	1.20
ZH-02	4.5	197	762	16	114		161-230	1.26

热镀锌钢制件。
Hot-dip galvanized steel.

2) 招弧角

Arcing Horn

型号 Catalog No.	主要尺寸 Dimensions (mm)						图号 Fig No.	电压等级 Recommend Voltage(KV)	参考重量 Weight (kg)
	A	D	H	L	Ø1	h			
ZH-11	60	14.5	197	356	16	114	2	138	1.15
ZH-12	60	14.5	197	385	16	114		161	1.20

热镀锌钢制件。
Hot-dip galvanized steel.

3) 招弧角

Arcing Horn

型号 Catalog No.	主要尺寸 Dimensions (mm)					图号 Fig No.	电压等级 Recommend Voltage(KV)	参考重量 Weight (kg)
	A	d	H	L	h			
ZH-21	45	14.5	270	340	203	3	110-138	0.86
ZH-22	45	14.5	270	372	203		161	1.03

热镀锌钢制件。
The body is aluminium or hot-dip galvanized steel.

4) 招弧角

Arcing Horn

型号 Catalog No.	主要尺寸 Dimensions (mm)							图号 Fig No.	电压等级 Recommend Voltage(KV)	参考重量 Weight (kg)
	H	L	b	h	I	Ø1	A			
ZH-31	203	434	45	270	372	14.5	203	4	203	2.00
ZH-32	114	445	45	197	381	14.5	203		203	2.10

热镀锌钢制件。
The body is aluminium or hot-dip galvanized steel.