

南京特瑞线路器材有限公司  
Nanjing Terui Power Material Co., Ltd.

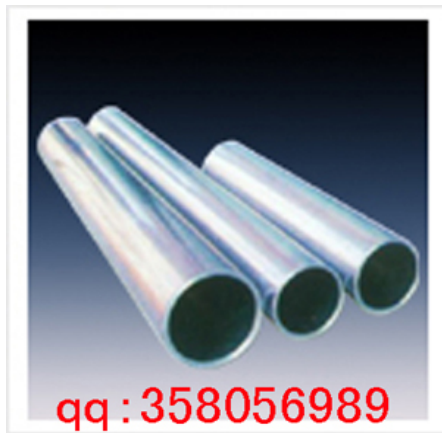


联系人：徐治家 18913310673

# 变电金具

CATALOG OF SUBSTATION FITTINGS

2014版



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## 公司简介

南京特瑞线路器材有限公司是集科研、生产和贸易一体化的高新技术型电力金具和线路器材专业生产企业。是中国电力企业联合会的会员单位、全国架空线路（金具）标准化技术委员会的通讯单位。

公司现有员工360余人，工程技术、经管人员58人，其中高级职称人员20人。公司通过并获得了ISO9001: 2000国际质量体系论证和证书，国家颁发的电力金具生产许可证、计量合格确认证书、AAA级资信等级证书、中华人民共和国进出口企业资格证书和南京市名牌产品证书。

公司的生产和检测设备齐全，质量保证体系完善，产品质量控制严格，企业曾荣获2003年度南京市质量管理奖。在生产35kV、110kV、220kV、330kV、±500kV等电压等级的各类电力金具的同时，还开发生产0.4kV架空集束电缆（ABC）、OPGW金具和电压等级66kV、132kV、230kV、400kV架空线路金具以及高海拔金具、高强度金具、绝缘导线金具等。公司还通过了中国电力企业联合会主持的《500kV线路金具和大截面导线金具》鉴定并取得了证书，同时被确认为高新技术产品。率先采用热浸锡对金具载流面进行搪锡和铝面复铜搪锡的新工艺，已广泛应用在各电压等级的产品中。公司年生产各类电力金具和线路器材7800吨，产品不但大量运行在全国各省、市（自治区）的电网中，还畅销亚洲、非洲、欧洲、美洲等33个国家和地区，年出口额400万美元，居国内同行之首。

南京特瑞线路器材有限公司奉行“质量第一、诚信用户”的宗旨，竭诚为工程提供优质的产品，为用户提供满意的服务，欢迎国内外同仁和公司加强合作、共同发展。

**我们永远是您的朋友！**



## A BRIEF INTRODUCTION OF THE MANUFACTURER

**Nanjing TeRui Power Material Co., Ltd.** is a leading professional manufacturer of electric power fittings, integrated with R & D, production and trading, located at Nanjing in China. It's the member of China Electricity Council, State Technology Committee for Standardization of overhead line.

TeRui has a total of 360 workers and staff. 58 highly skilled engineers and technical personnel work here, also has accredited ISO9001:2000 International Quality System Certificate, "Production License Certificate of Electric Power Fittings", "Measurement Conformity Certificate" issued by State Quality Technology Supervision Bureau, "Credit Rating AAA Certificate", "Certificate of Approval for Enterprises with Foreign Trade Rights on the Peoples Republic of China" and "Certificate of Famous Trademark" etc.

TeRui business scope has been covered the design, production and supply of the electric power fittings and hardware for OHL, Substation with the voltage range of 0.4~500kV, meanwhile has been well adopted international reputable standards, such as IEC, AS, ASTM, ANSI, BS, DIN, JIS, successfully developed and produced a series of LV, MV, Aerial Bundled Cable (ABC) accessories, Pole Line fittings, OPGW fittings and 66kV, 132kV, 230kV, 400kV OHL fittings and hardware.

TeRui annual output is reached at **7800** tons. TeRui product is safely run on many electric power networks in China and many countries around in the world. It's export value is more than **four million** U.S. Dollar annually.

TeRui man said: "**Quality the first, Sincere to clients** is our long-lasting policy. We shall assure all of our clients of our products up to standard with high quality as well as our best services. Warmly welcome all over the world friends to establish a mutual cooperation relationship with us to reach great development together."

# 研发中心

R & D CENTER



# 生产能力

## PRODUCTION CAPACITY



# 检测手段

## INSPECTION MEANS



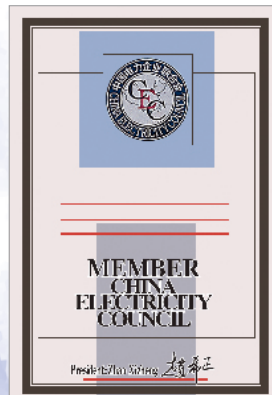
# 外贸往来

## FOREIGN TRADE INTERCOURSE



# 公司荣誉

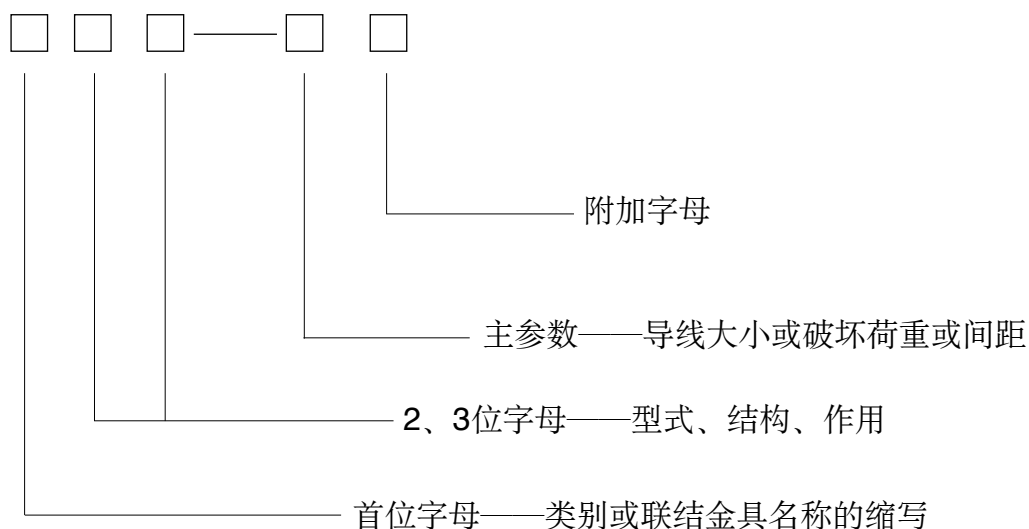
An Enterprise Glory





## 说 明

1. 样本内容编排是按照产品类型和用途，分为悬垂线夹、耐张线夹、联结金具、接续金具、保护金具、拉线金具、接地金具等七类。按产品的结构和作用每类又分成若干系列。
2. 产品型号由汉语拼音字母、阿拉伯数字和附加字母组成，其意义为：



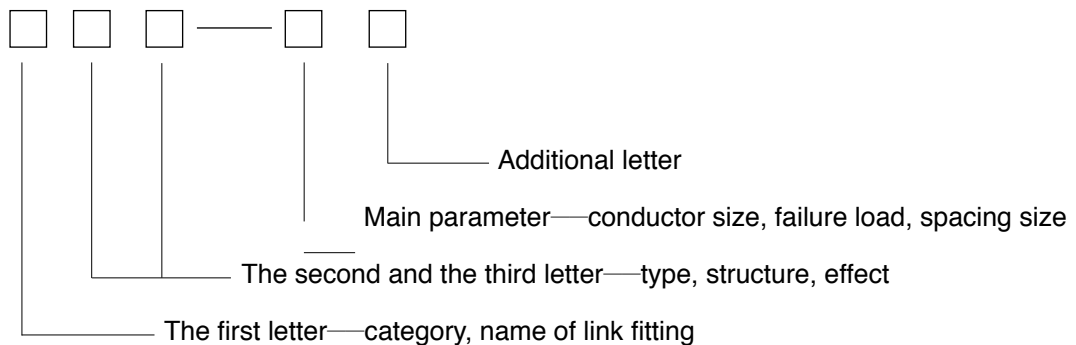
3. 压缩型耐张线夹、接续管等，本样本只给出压接管外径和适用导线规格或型号，导线参数参见有关导线产品样本。
4. 悬垂线夹、并沟线夹、防振锤等适用导线直径含导线包缠物。
5. 螺栓型金具，其螺栓拧紧力矩推荐值如下表：(Q235A钢)

螺栓直径 (mm)	8	10	12	14	16	18	20
拧紧力矩 (N.m)	13	22	36	50	65	83	105

6. 本样本所列金具产品执行GB2314—1997“电力金具通用技术条件”和DL/T相关行业标准和标准，其验收、试验、包装按照金具国标GB2317—2000之规定。

## COMMENTS

1. The catalogue is arranged in accordance with products' type and their use, including six categories: suspension clamp, dead end/strain clamp, link fitting, splicing fitting, protective fitting, guywire fitting and grounding fittings. Every category can be divided into several series according to products' structure and their usage.
2. Catalogue symbols of the fittings composed by chinese pronunciation alphabet, arabic numbers and additional letter(s) if any, the meanings are as described as under:



3. In this catalogue, there are only the outer diameter of the compression pipe and the specification of suitable conductor for the strain clamp and splice sleeve, for detail parameters of conductors, please refer to reference brochures.
4. The diameter of suitable conductor for suspension clamp, parallel groove or vibration damper is the outmost diameter of the conductor with its wrap, such as aluminum tape, armour rods, etc.
5. Bolt torques of the bolt of fittings for mild steel are recommended as the following table:

Bolt diameter(mm)	8	10	12	14	16	18	20
Torque (N.m)	13	22	36	50	65	83	105

6. The technical specifications of the products in this catalog are in accordance with international reputable standards including AS, BS, ASTM, IEC, DIN as well as the inspection, test and package.

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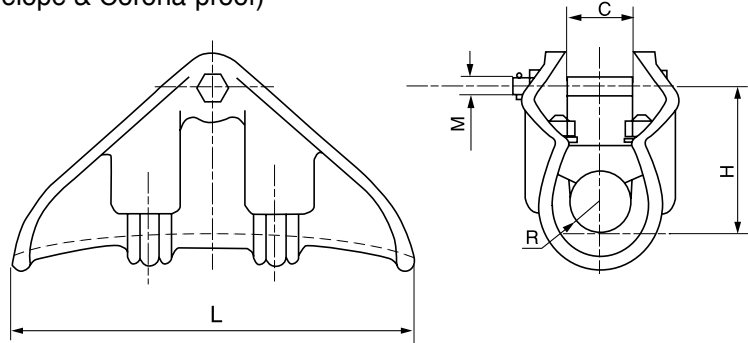
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## 一、悬垂线夹

### SUSPENSION CLAMP

#### 1. 铝合金悬垂线夹 (XGF提包式防晕型)

Suspension Clamps (Type XGF, Envelope & Corona-proof)



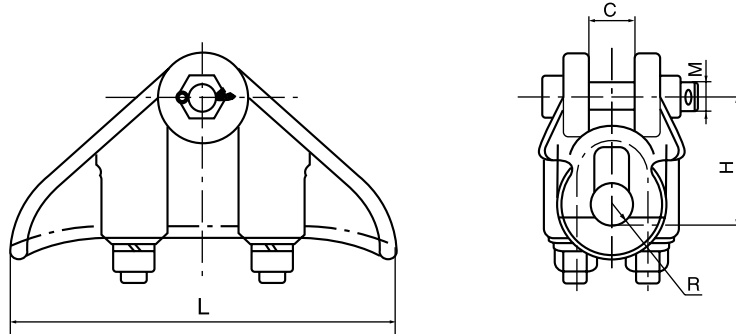
型号 Cat No.	导线外径 Conductor Dia. (mm)	主要尺寸 Dimensions (mm)					破坏载荷 Rated Failure Load (kN)	重量 Weight kg
		H	L	R	C	M		
XGF-4	20.0 ~ 25.0	65	300	13.0	32	16	60	3.0
XGF-5	24.0 ~ 32.0	74	320	16.5	40	16	60	4.5
XGF-6	32.0 ~ 43.0	92	300	22.0	46	18	80	4.8
XGF-6.1	38.0 ~ 46.0	103	340	23.5	50	20	90	7.6
XGF-6T	38.0 ~ 44.0	70	300	23.0	48	18	90	4.2
XGF-53	40.0 ~ 52.0	126	350	26.5	56	18	70	6.1
XGF-8034	28.0 ~ 33.0	110	390	17.0	48	18	80	6.3
XGF-10032	28.0 ~ 32.0	96	320	16.5	40	18	100	4.8
XGF-10034	28.0 ~ 33.0	100	390	17.0	48	18	100	6.85
XGF-12046	38.0 ~ 46.0	92	350	23.5	50	20	120	6.8
XGF-15046	38.0 ~ 46.0	68	350	23.5	50	24	150	7.6
HS-280	21.0 ~ 28.0	81	270	14.0	34	16	70	2.9
XGH-8	48.0 ~ 53.0	97	300	27.0	56	18	80	5.5
XGF-5X/GH	23.7 ~ 30.0	81	300	16	36	16	60	3.2
XGF-9X/GH	32.0 ~ 42.0	92	300	22	48	18	90	4.5
XGF-9044X/GH	34.0 ~ 44.0	70	300	23	48	18	90	5.2
XGF-10043X/GH	34.0 ~ 43.0	70	300	22	48	18	100	4.5
XGF-12045	38.0 ~ 45.0	68	350	23.5	50	20	120	5.2

线夹本体、压板为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。

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

## 2. 铝合金悬垂线夹 (XGH型提包式)

Suspension Clamps (Type XGH, Envelope)



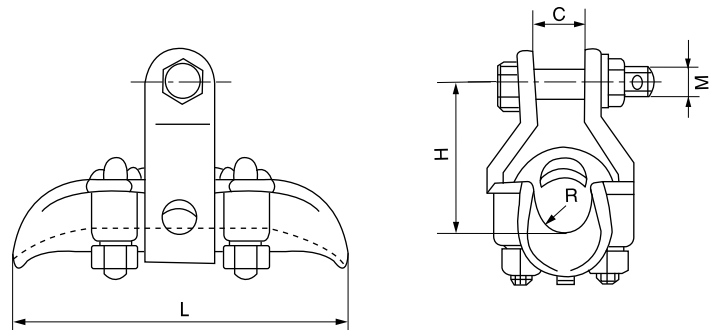
型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	主要尺寸 Dimensions(mm)					破坏荷重 Rated Failure Load (kN)	参考重量 Weight (kg)
		H	C	M	R	L		
XGH-3A	12.4 ~ 17.0	60	22	16	10	180	40	1.7
XGH-3	11.0 ~ 18.5	76	22	16	10	220	40	2.2
XGH-3C	15.0 ~ 21.0	75	24	16	11.5	220	60	2.7
XGH-4	17.8 ~ 26.0	74	27	16	13	225	40	2.3
XGH-4A	19.0 ~ 23.5	74	28	16	12	226	50	2.3
XGH-5	23.0 ~ 32.0	87	35	16	16	262	60	4.42
XGH-8024	20.0 ~ 24.0	75	30	16	12.5	230	80	3.45
CGB-7	32.0 ~ 43.0	107	48	16	22	300	70	4.2

线夹本体、压板为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。

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

## 3. 悬垂线夹 (挂板型)

Suspension Clamp (Clevis type)



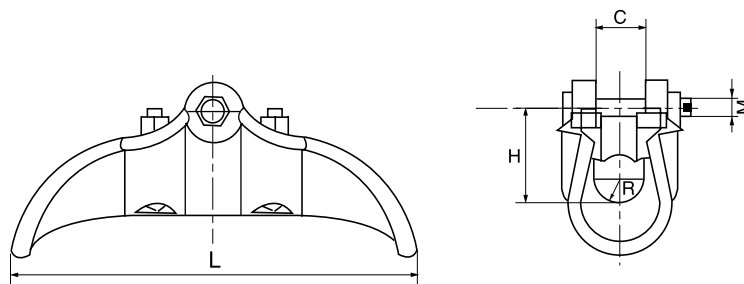
型号 Cat No.	适用绞线直径 (包含缠物) Conductor Dia.(mm)	主要尺寸 Dimensions (mm)					破坏载荷 Rated Failure Load (kN)	重量 Weight kg
		L	H	C	M	R		
XGZ-6	30.0 ~ 42.0	300	182	24.0	18	22	80	5.20
XGZ-6.1	34.0 ~ 42.0	320	160	24.0	20	22	120	6.90
XGZ-7	40.0 ~ 49.0	300	181	24.0	18	25	100	6.53
XGZ-8	48.0 ~ 56.0	360	165	24.0	20	29	120	6.70

线夹本体、压板为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。

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

#### 4. 悬垂线夹 (防晕型)

Suspension Clamp (trunnion type)



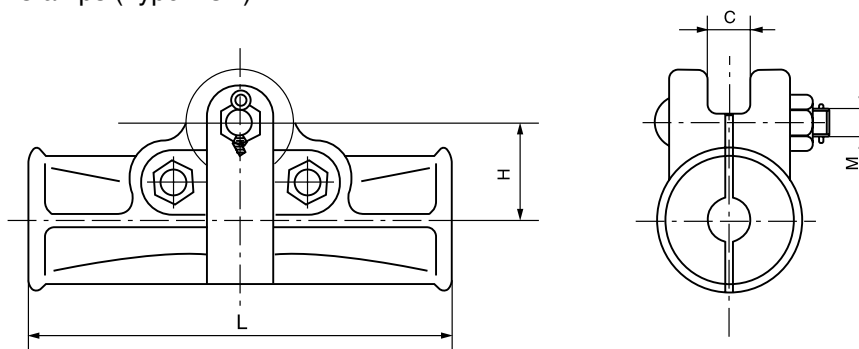
型号 Cat No.	适用绞线直径 (包含缠物) Conductor Dia.(mm)	主要尺寸 Dimensions (mm)					破坏载荷 Rated Failure Load (kN)	重量 Weight kg
		H	L	R	C	M		
CGF-7X	40.0 ~ 52.0	95	330	27	55	18	100	3.85
CGF-7034	26.0 ~ 34.0	68	340	18	40	16	70	4.5
CGF-7048	36.0 ~ 47.0	110	340	24	50	16	70	5.6
CGF-8038	33.0 ~ 38.0	85	330	19.5	42	16	80	4.10
CGF-10038	33.0 ~ 38.0	100	415	19.5	42	18	100	5.73
CGF-10048	36.0 ~ 47.0	114	340	24	50	18	100	6.5
CGF-10054	48.0 ~ 53.0	110	418	27.5	60	18	100	9.3
CGF-12054	48.0 ~ 53.0	83	418	27.5	60	20	120	9.3
CGF-15054	48.0 ~ 53.0	110	418	27.5	60	24	150	9.3
CGF-16054	48.0 ~ 53.0	110	418	27.5	60	24	160	9.3

线夹本体、压板为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。

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

#### 5. 铝合金悬垂线夹 (XGF型)

Suspension Clamps (Type XGF)



型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	主要尺寸 Dimensions(mm)				破坏荷重 Rated Failure Load (kN)	参考重量 Weight (kg)
		C	M	H	L		
XGF-300	23.7	24	16	60	250	40	3.0
XGF-400	26.8	24	16	60	250	40	3.5
XGF-1400	51.0	24	16	66	260	60	4.8
XGF-1440N	51.36	24	16	63	300	60	5.5

线夹本体为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。

The body is made of aluminium alloy, cotter-pin is made of stainless steel, other parts are made of hot-dip galvanized steel.

## 二、耐张线夹

### STRAIN CLAMP

#### 1. 耐热铝合金绞线用耐张线夹 (NY-N液压型)

Strain Clamps for Heat-resistant Aluminum Alloy Stranded Conductor (Type NY-N, Hydraulic Compression)

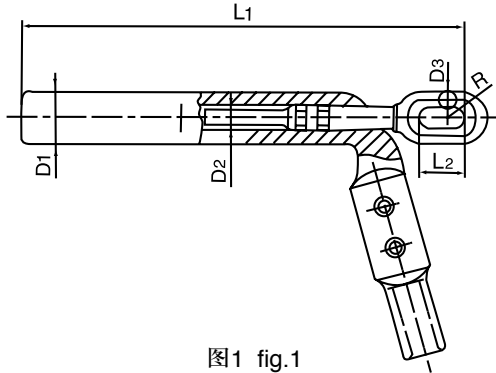


图1 fig.1

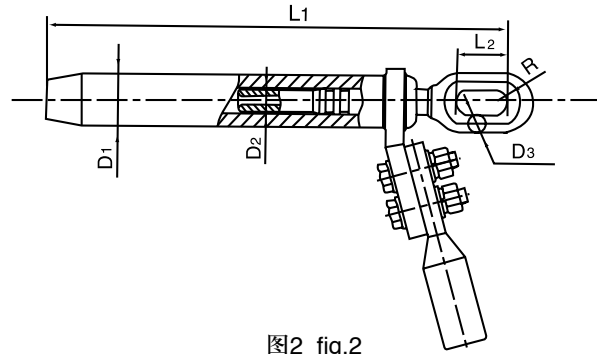


图2 fig.2

型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)						图示 Fig. NO.	握力 Slip Strength (kN)	重量 Weight (kg)
		D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L <sub>1</sub>	L <sub>2</sub>	R			
NY-185/30N	NRLH <sub>58/60</sub> GJ-185/30	36	16	16	530	55	10	1	63	2.70
NY-210/10N	NRLH <sub>58/60</sub> GJ-210/10	45	14	16	520	55	10		41.4	3.99
NY-240/30N	NRLH <sub>58/60</sub> GJ-240/30	45	18	16	545	55	10		69.5	4.19
NY-240/40N	NRLH <sub>58/60</sub> GJ-240/40	45	16	18	550	60	11		76.5	4.32
NY-240/55N	NRLH <sub>58/60</sub> GJ-240/55	45	20	20	550	65	12		93.8	4.52
NY-300/15N	NRLH <sub>58/60</sub> GJ-300/15	50	14	16	555	55	10		61.3	5.48
NY-300/20N	NRLH <sub>58/60</sub> GJ-300/20	50	14	18	570	60	11		68.5	5.54
NY-300/25N	NRLH <sub>58/60</sub> GJ-300/25	50	14	18	580	60	11		75.8	5.54
NY-300/40N	NRLH <sub>58/60</sub> GJ-300/40	50	18	18	600	60	11		85.4	5.60
NY-300/50N	NRLH <sub>58/60</sub> GJ-300/50	50	18	20	620	65	12		96.0	5.84
NY-400/20N	NRLH <sub>58/60</sub> GJ-400/20	55	14	18	600	60	11	2	82.0	7.31
NY-400/25N	NRLH <sub>58/60</sub> GJ-400/25	55	16	18	610	60	11		85.9	7.31
NY-400/35N	NRLH <sub>58/60</sub> GJ-400/35	55	20	20	625	65	12		93.6	7.50
NY-400/50N	NRLH <sub>58/60</sub> GJ-400/50	55	20	20	645	65	12		112.0	7.50
NY-400/65N	NRLH <sub>58/60</sub> GJ-400/65	55	22	22	670	70	14		123.0	7.79
NY-500/35N	NRLH <sub>58/60</sub> GJ-500/35	65	20	22	665	70	14		108.9	10.29
NY-500/45N	NRLH <sub>58/60</sub> GJ-500/45	65	20	22	675	70	14		117.1	10.44
NY-500/65N	NRLH <sub>58/60</sub> GJ-500/65	65	22	22	705	70	14		140.6	10.82
NY-630/45N	NRLH <sub>58/60</sub> GJ-630/45	70	20	22	675	70	14		133.6	11.64
NY-630/55N	NRLH <sub>58/60</sub> GJ-630/55	70	20	24	705	80	15		148.3	11.89
NY-630/80N	NRLH <sub>58/60</sub> GJ-630/80	70	24	24	735	80	15	178.5	12.18	
NY-800/55N	NRLH <sub>58/60</sub> GJ-800/55	72	20	26	750	80	15	183	12.35	
NY-1000/25N	NRLH <sub>58/60</sub> GJ-1000/25	76	32	24	720	90	20	188	12.00	
NYH-1440N	NAHLGJQ-1440/120	80	34	24	740	90	20	294	17.2	
NYH-1440/135N	NAHLGJQ-1440/135	80	34	24	740	90	20	313	17.2	

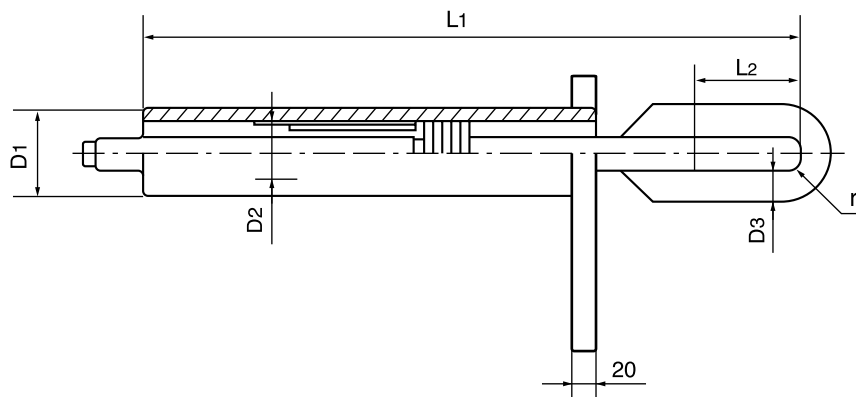
线夹本体、引流线夹为铝制件，其余为热镀锌钢制件。

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



## 2. 耐张线夹 (NYH液压型, 挤压铝管)

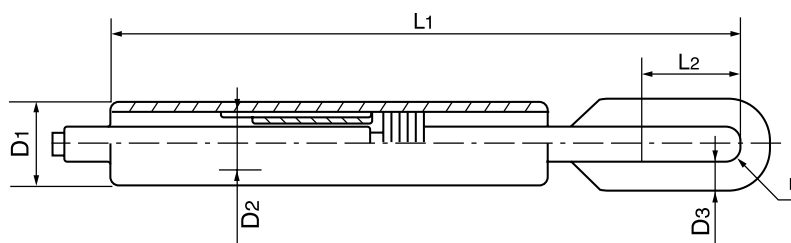
Strain Clamps (Type NYH, Hydraulic Compression, Extruded-sleeve)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)						握力 Slip Strength (kN)	参考重量 Weight (kg)
		D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	r	L <sub>1</sub>	L <sub>2</sub>		
NYH-600K	LGKK-600	76	--	20	15	510	70	107	8.0
NYH-900K	LGKK-900	70	--	24	15	545	85	137	6.5
NYH-1400	LGJQT-1400/135	76	30	24	20	640	70	294	7.3
NYH-1400/80	LGJQT-1400/80	76	30	24	20	640	70	107	7.5
NYH-1400/100	LGJQT-1400/100	76	30	24	20	640	70	137	7.5
NYH-1400/120	LGJQT-1400/120	76	30	24	20	640	70	214	7.5

## 3. 终端耐张线夹 (NZG型)

Terminal Strain Clamps (Type NZG)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)						握力 Slip Strength (kN)	参考重量 Weight (kg)
		D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	r	L <sub>1</sub>	L <sub>2</sub>		
NZG-600K	LGKK-600	76	--	20	15	450	70	107	6.5
NZG-900K	LGKK-900	70	--	24	15	470	85	137	5.5
NZG-1400/120	LGJQT-1400/120	76	30	24	20	540	90	214	6.8
NZG-1400/135	LGJQT-1400/135	76	30	24	20	540	90	294	6.8
NZG-1000/125N	NRLH <sup>58</sup> GJ-1000/125	76	32	24	20	640	90	188	10.0
NZG-1440/120N	NAHLGJQ-1440/120	80	34	24	20	660	90	294	11.0
NZG-1440/135N	NAHLGJQ-1440/135	80	34	24	20	660	90	313	11.0

### 三、联结金具

#### LINK FITTING

##### 1. 联板

Yoke Plates

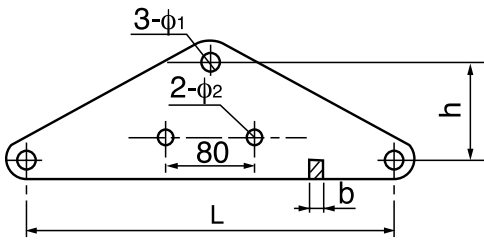


图1 fig.1

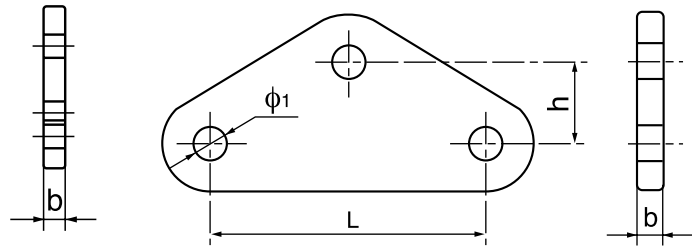


图2 fig.2

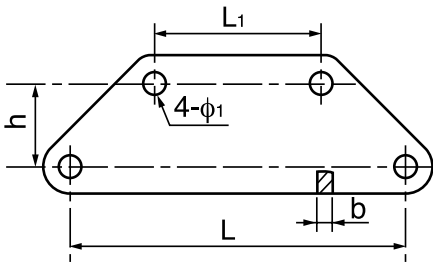


图3 fig.3

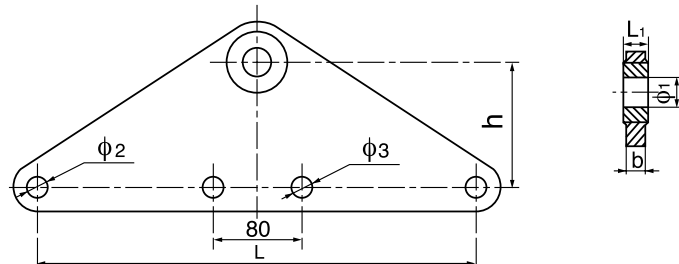


图4 fig.4

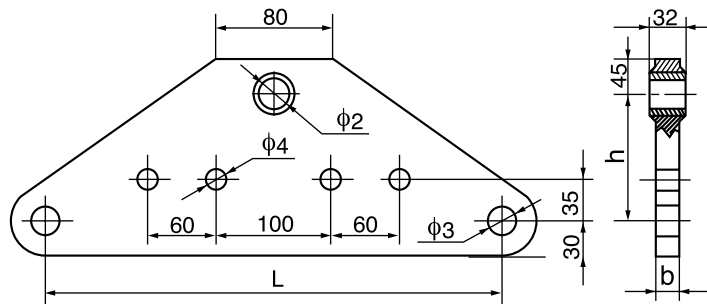


图5 fig.5

型号 Catalog No.	图号 Fig.No	主要尺寸 Dimensions(mm)								破坏荷重 Rated Failure Load (kN)	参考重量 Weight (kg)
		L	L <sub>1</sub>	h	φ <sub>1</sub>	φ <sub>2</sub>	φ <sub>3</sub>	φ <sub>4</sub>	b		
LV-1240	1	400	--	70	18	14	--	--	16	120	4.0
LV-1612	2	120	--	60	26	--	--	--	18	160	2.0
LV-1620	2	200	--	60	26	--	--	--	18	160	2.2
LV-1640	3	400	200	100	26	--	--	--	18	160	8.8
LV-2040	4	400	22	110	26	18	18	--	16	200	6.0
LV-3040	5	400	--	110	--	38	26	18	22	300	21.7
LB <sub>1</sub> -3040	5	400	--	110	--	39	26	18	22	300	21.7
BN <sub>1</sub> -30	5	400	--	110	--	38	26	18	22	300	21.7

## 2. 联板 (LBD型)

Yoke Plates (Type LBD)

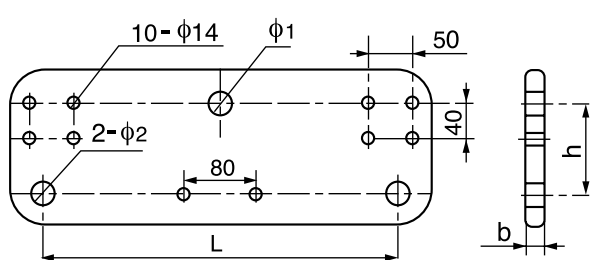


图1 fig.1

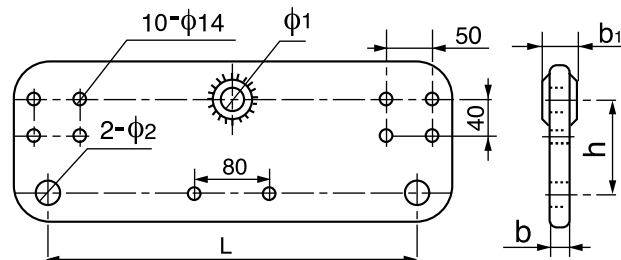


图2 fig.2

型号 Catalog No.	图号 Fig.No	主要尺寸 Dimensions(mm)						破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
		L	h	b	b <sub>1</sub>	φ <sub>1</sub>	φ <sub>2</sub>		
LBD-0740	1	400	95	16	--	18	18	70	9.0
LBD-1240	1	400	95	16	--	24	18	120	9.0
LBD-1640	1	400	100	18	--	26	26	160	12.5
LBD-2040	2	400	100	18	26	30	26	200	13.0
LBD-3040	2	400	120	22	32	39	26	300	16.0

## 3. 联板 (LBD(R)型)

Yoke Plates (Type LBD/R)

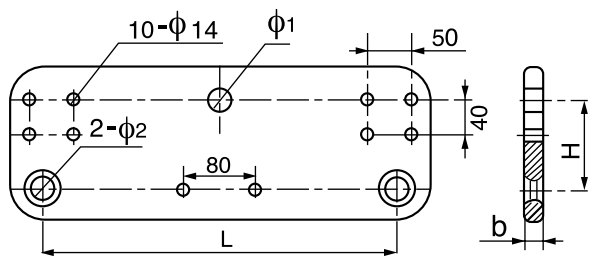


图1 fig.1

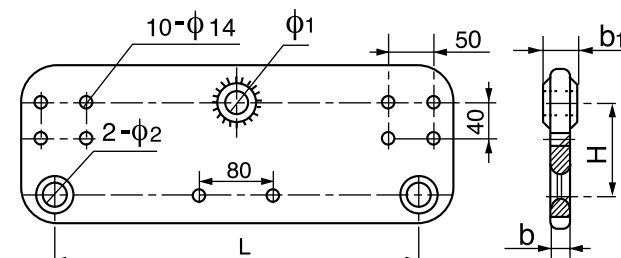
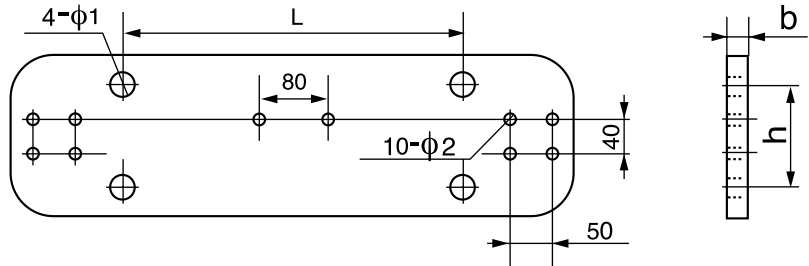


图2 fig.2

型号 Catalog No.	图号 Fig.No	主要尺寸 Dimensions(mm)						破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
		L	H	b	b <sub>1</sub>	φ <sub>1</sub>	φ <sub>2</sub>		
LBD-0740R	1	400	95	16	--	18	18	70	9.0
LBD-1240R	1	400	95	16	--	24	18	120	9.0
LBD-1640R	1	400	100	18	--	26	26	160	12.5
LBD-2040R	2	400	100	18	26	30	26	200	13.0
LBD-3040R	2	400	120	22	32	39	26	300	16.0

## 4. 联板 (LBS型)

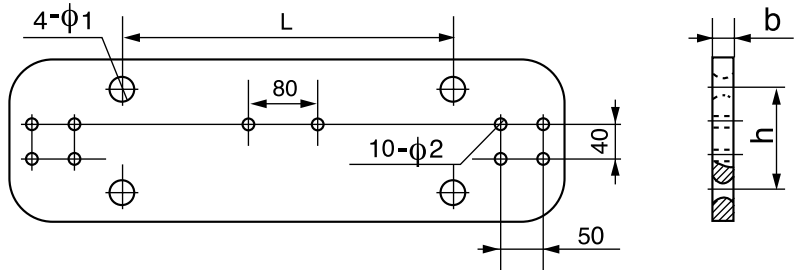
Yoke Plates (Type LBS)



型号 Catalog No.	主要尺寸 Dimensions(mm)					破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
	L	h	b	φ <sub>1</sub>	φ <sub>2</sub>		
LBS-3040	400	120	22	26	14	300	20.5

## 5. 联板 (LBS(R)型)

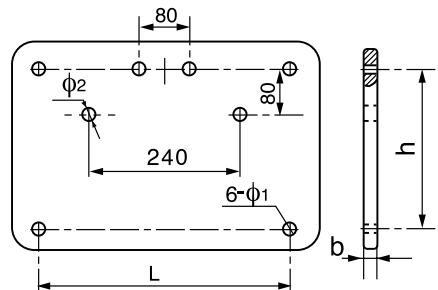
Yoke Plates (Type LBS/R)



型号 Catalog No.	主要尺寸 Dimensions(mm)					破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
	L	h	b	φ <sub>1</sub>	φ <sub>2</sub>		
LBS-3040R	400	120	22	26	14	300	20.5

## 6. 联板 (LB型)

Yoke Plates (Type LB)



型号 Catalog No.	主要尺寸 Dimensions(mm)					破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
	L	h	b	φ <sub>1</sub>	φ <sub>2</sub>		
LB-1240	400	250	16	18	24	120	17
LB-3040	400	120	22	26	24	300	10.0

7. 联板 (BL型)

Yoke Plates (Type BL)

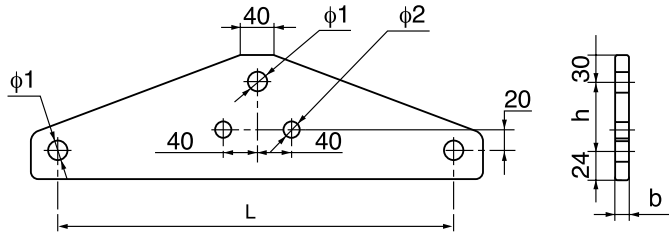


图1 fig.1

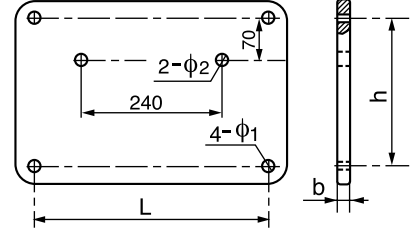
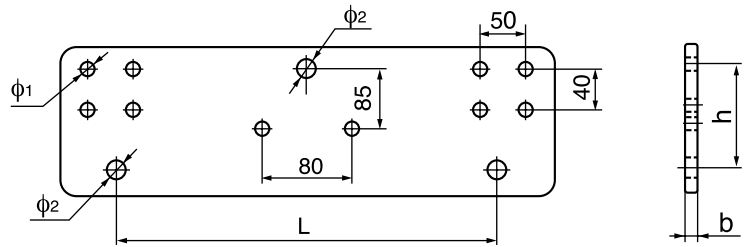


图2 fig.2

型号 Catalog No.	图号 Fig.No	主要尺寸 Dimensions(mm)					破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
		L	h	b	φ <sub>1</sub>	φ <sub>2</sub>		
BL-12	1	400	70	16	18	14	120	13.6
BL-1240	2	400	250	16	18	24	120	17

8. 联板 (BL<sub>1</sub>型)

Yoke Plates (Type BL<sub>1</sub>)



型号 Catalog No.	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
	L	h	b	φ <sub>1</sub>	φ <sub>2</sub>	
BL1-12	400	95	16	14	18	9.3

9. 联板 (BN型)

Yoke Plates (Type BN)

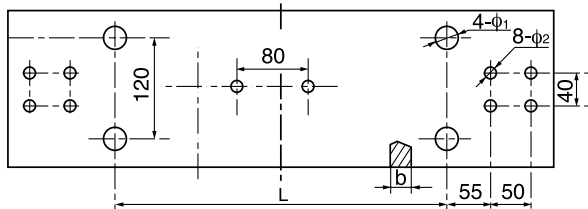


图1 fig.1

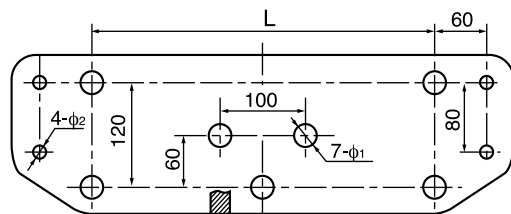


图2 fig.2

型号 Catalog No.	图号 Fig.No	主要尺寸 Dimensions(mm)				破坏荷重 Rated Failure Load ≥(kN)	参考重量 Weight (kg)
		b	L	φ <sub>1</sub>	φ <sub>2</sub>		
BN-20	1	18	400	26	14	200	17.6
BN-3040	2	22	400	26	14	300	16.9

## 10. 联板

Yoke Plates

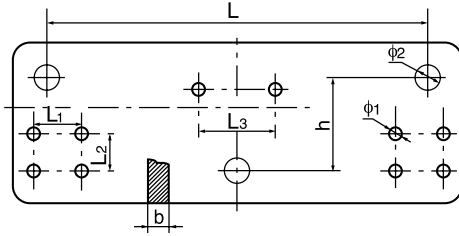


图1 fig.1

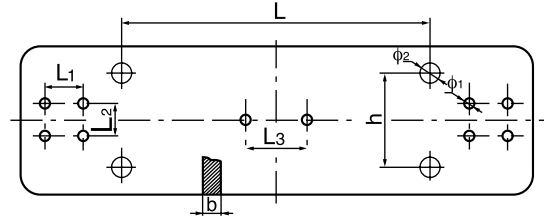


图2 fig.2

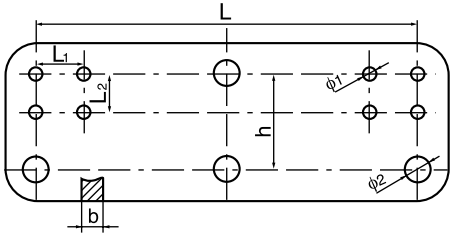
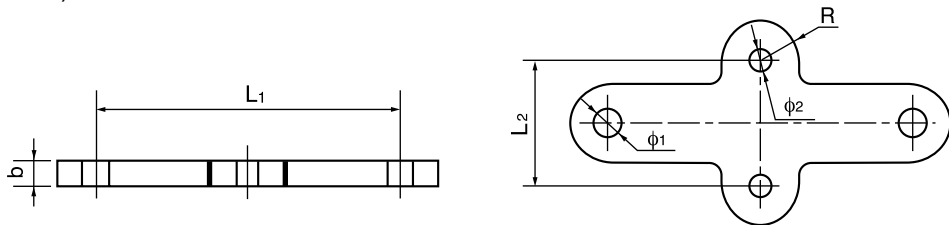


图3 fig.3

型号 Catalog No.	图号 Fig.No	主要尺寸 Dimensions(mm)								破坏荷重 Rated Failure Load (kN)	参考重量 Weight (kg)
		b	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L	h	φ <sub>1</sub>	φ <sub>2</sub>		
BN <sub>2</sub> -16	1	22	50	40	80	400	100	14	26	160	12.3
BN <sub>2</sub> -30	2	22	50	40	80	400	120	14	26	300	20.3
LFB-3045	2	22	50	40	80	450	120	14	26	300	20.3
BN <sub>2</sub> -1640	3	22	50	40	--	400	100	14	26	160	12.3
LJ-1640F	3	18	50	40	--	400	80	14	26	160	9.5

## 11. 十字挂板 (SZ型)

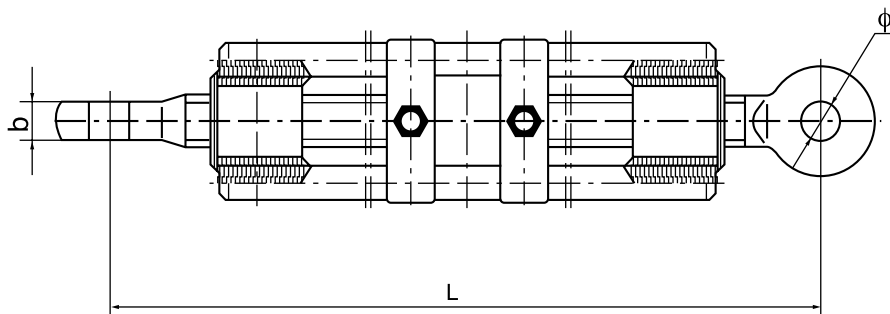
Clevis Eyes (Type SZ)



型号 Catalog No.	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
	L <sub>1</sub>	L <sub>2</sub>	R	b	φ <sub>1</sub>	φ <sub>2</sub>	
SZ-7	200	80	25	16	18	14	1.30
SZ-10-N	150	80	25	18	18	14	1.52
SZ-16	100	80	36	18	26	14	1.40
SZ-10-S	150	80	25	18	18	14	1.45

### 12. 花篮螺丝 (HL型)

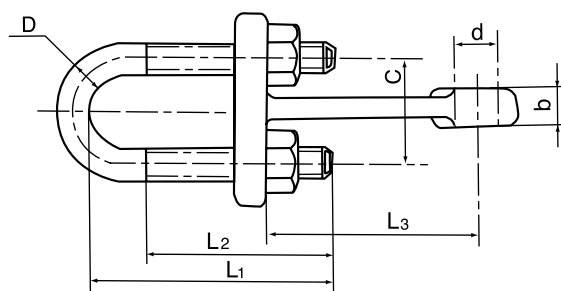
Turn buckle (Type HL)



型号 Catalog No.	调节范围L Adjusting Range (mm)	主要尺寸 Dimensions (mm)		破坏荷重 Rated Failure Load (kN)	参考重量 Weight (kg)
		$\phi$	b		
HL-072529	250~290	20	16	70	1.7
HL-072736	270~360	20	16	70	1.8
HL-073450	340~500	20	16	70	2.1
HL-074772	470~720	20	16	70	2.5
HL-075080	500~800	20	16	70	2.7
HL-075389	530~890	20	16	70	2.9
HL-076498	640~980	20	16	70	3.1
HL-103650	360~500	20	16	100	4.3
HL-10752	375~525	20	16	100	4.4
HL-104565	450~650	20	16	100	4.8
HL-105080	500~800	20	16	100	5.1
HL-166498	640~980	26	18	160	8.8
HL-163547	350~470	26	18	160	5.5
HL-204565	450~650	27	25	200	7.5
HL-205773	570~730	27	25	200	8.6
HL-207098	700~980	27	25	200	13.3

### 13. 调整环(DT型)

Adjustable Hangers (Type DT)



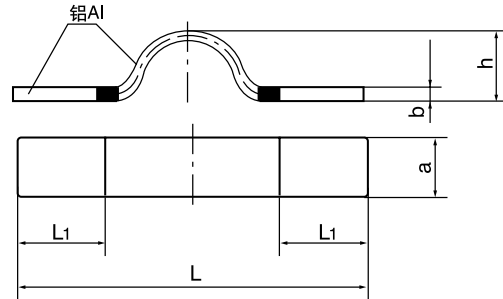
型号 Catalog No.	主要尺寸 Dimensions(mm)							标称破坏荷重 Rated Failure Load (kN)	参考重量 Weight (kg)
	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b	D	d	C		
MDT-7(DT-6)	125	90	110	16	16	18	56	60	1.6
DT-7	157	106	120	16	18	18	64	70	2.3
DT-10	160	110	140	16	20	20	74	100	3.7
DT-12	160	110	140	16	22	24	74	120	4.0
MDT-16(DT-16)	160	110	140	20	24	26	82	160	4.2
DT-21	220	150	175	26	24	26	115	200	4.6
DT-30	255	175	220	32	36	39	140	300	9.2

## 四、接触金具

### CURRENT-CARRYING FITTING

#### 1. 全铝母线伸缩节 (MS型母线与母线连接)

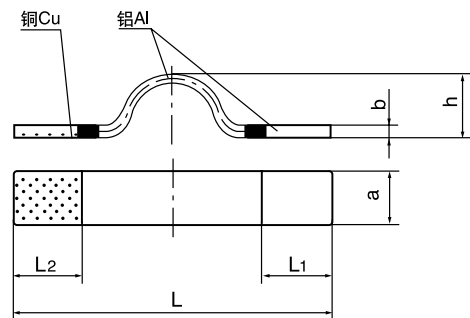
Flexible Laminated Connectors (Bus-Bus, Type MS)



型号 Catalog No.	主要尺寸Dimensions(mm)					参考重量 Weight (kg)
	a	b	h	L <sub>1</sub>	L	
MS-63×6.3	63	6.3	50	73	315	0.4
MS-80×6.3	80	6.3	50	90	350	0.5
MS-80×8	80	8.0	50	90	350	0.7
MS-80×10	80	10.0	70	90	350	0.8
MS-80×10	80	10.0	110	90	370	1.2
MS-80×14	80	14.0	70	90	350	1.2
MS-100×8	100	8.0	50	115	400	1.0
MS-100×10	100	10.0	60	115	420	1.3
MS-125×8	125	8.0	50	140	470	1.4
MS-125×10	125	10.0	60	140	470	1.8
MS-125×12.5	125	12.5	60	140	470	2.2

#### 2. 铜 - 铝母线伸缩节 (MSS型母线与设备连接)

Flexible Laminated Connectors (Bus-Equipment, Type MSS)

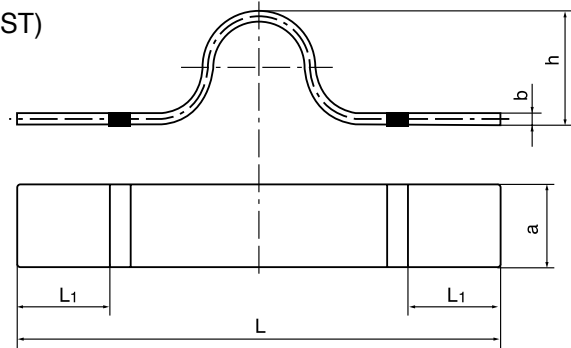


型号 Catalog No.	主要尺寸Dimensions(mm)						参考重量 Weight (kg)
	a	b	h	L <sub>1</sub>	L <sub>2</sub>	L	
MSS-50×5	50	5.0	50	75	75	310	0.4
MSS-63×6.3	63	6.3	50	73	73	315	0.55
MSS-63×10	63	10.0	50	73	73	315	0.65
MSS-80×6.3	80	6.3	50	90	90	350	0.8
MSS-80×8	80	8.0	50	90	90	350	1.1
MSS-80×10	80	10.0	70	90	90	350	1.2
MSS-100×8	100	8.0	50	115	115	400	1.5
MSS-100×10	100	10.0	60	115	115	420	2.0
MSS-125×8	125	8.0	50	140	140	450	2.2
MSS-125×10	125	10.0	60	140	140	470	2.9
MSS-125×12.5	125	12.5	60	140	140	470	3.4



### 3. 全铜伸缩节 (MST型)

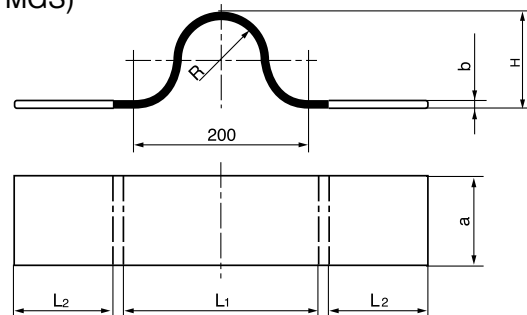
Copper Flexible Laminated Connectors (Type MST)



型号 Catalog No.	主要尺寸Dimensions(mm)					参考重量 Weight (kg)
	a	b	h	L <sub>1</sub>	L	
MST-80×6	80	6.0	50	90	315	1.5
MST-80×8	80	8.0	50	115	350	2.2
MST-100×8	100	8.0	50	115	350	2.8
MST-100×10	100	10.0	50	115	370	3.6
MST-120×8	120	8.0	50	125	400	3.7
MST-120×10	120	10.0	60	125	420	5.0
MST-120×12	120	12.0	50	140	470	6.5
MST-125×8	125	8.0	60	140	470	4.6
MST-125×10	125	10.0	60	140	470	5.7
MST-125×12	125	12.0	60	140	470	6.9

### 4. 管母线伸缩节 (MGS型)

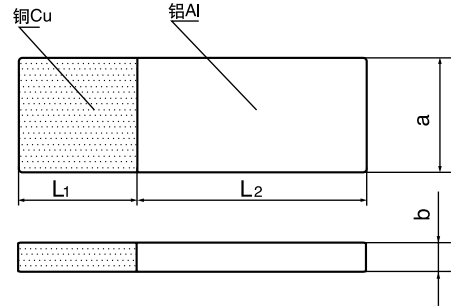
Tubular Bus Flexible Laminated Connectors (Type MGS)



型号 Catalog No.	主要尺寸Dimensions(mm)						200展开长度 Length	参考重量 Weight (kg)
	L <sub>1</sub>	L <sub>2</sub>	a	b	H	R		
MGS-80×8	290	90	80	8	110	55	314	0.8
MGS-80×10	290	90	80	10	110	55	314	0.9
MGS-100×10	290	115	100	10	110	55	314	1.4
MGS-100×15	290	115	100	15	110	55	314	2.3
MGS-120×10	290	130	120	10	110	55	314	1.9
MGS-125×10	290	140	125	10	110	55	314	2.0
MGS-125×10-S	290	140	125	10	110	55	314	2.1
MGS-125×12	290	140	125	12	110	55	314	2.2
MGS-150×10	290	170	150	10	130	65	205	2.3
MGS-150×12	290	170	150	12	130	65	205	2.4

## 5. 铜铝过渡板 (MG型)

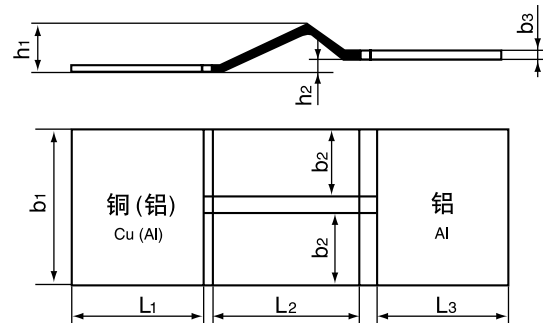
Al-Cu Transition Connectors (Type MG)



型号 Catalog No.	适用母线 Conductor Dia. (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	L <sub>1</sub>	L <sub>2</sub>	
MG-50×5	50×5	50	5.0	55	60	0.2
MG-63×6.3	63×6.3	63	6.3	68	85	0.3
MG-63×8	63×8	63	8.0	68	85	0.4
MG-63×10	63×10	63	10.0	68	85	0.5
MG-80×6.3	80×6.3	80	6.3	85	100	0.5
MG-80×8	80×8	80	8.0	85	100	0.7
MG-80×10	80×10	80	10.0	85	100	0.8
MG-100×8	100×8	100	8.0	105	120	1.0
MG-100×10	100×10	100	10.0	105	120	1.3
MG-125×8	125×8	125	8.0	130	140	1.5
MG-125×10	125×10	125	10.0	130	140	1.9
MG-125×12.5	125×12.5	125	12.5	130	140	2.4

## 6. 槽型母线伸缩节 (MGC型)

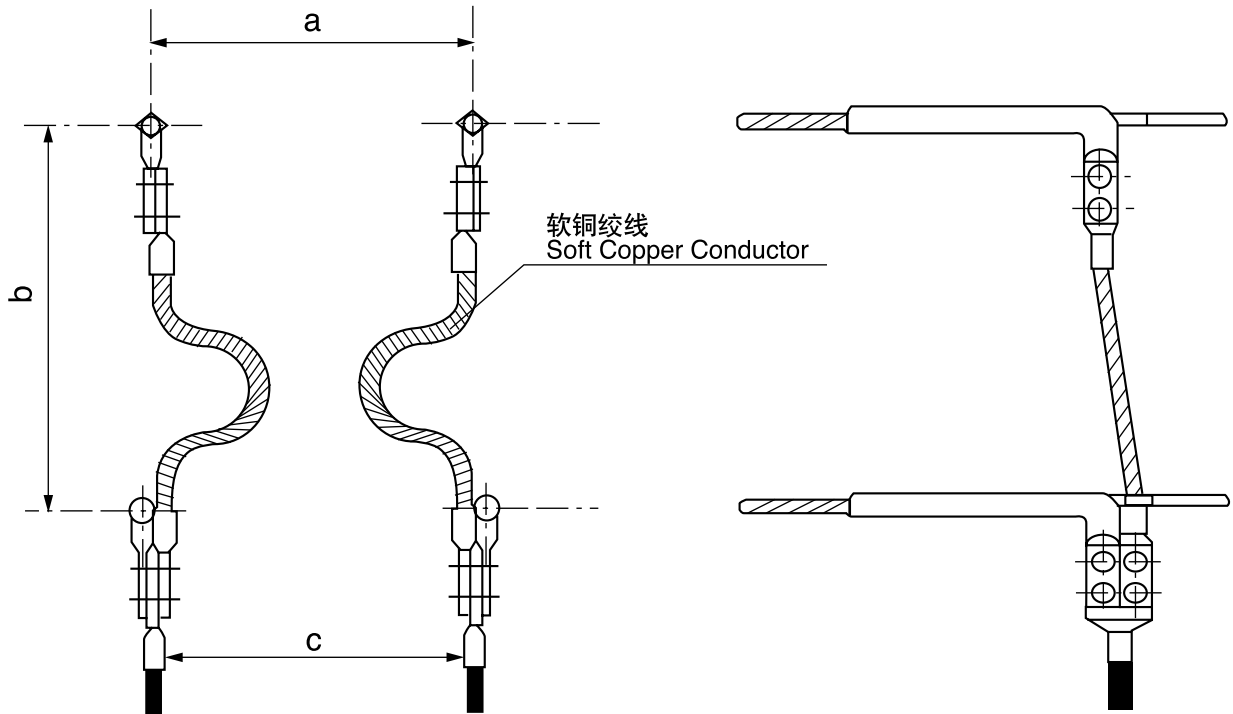
Channel bus-bar flexible stud connectors (Type MSC)



型号 Catalog No.	主要尺寸 Dimensions(mm)								参考重量 Weight (kg)
	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	h <sub>1</sub>	
MSC <sub>1</sub> -150	150	70	8	--	170	190	170	60	1.75
MSC <sub>2</sub> -150	150	70	8	--	170	130	170	60	1.60
MSC <sub>3</sub> -150	150	70	8	45	110	190	170	75	2.30
MSC <sub>4</sub> -150	150	70	8	45	110	130	170	75	2.00
MSC <sub>5</sub> -150	150	70	8	--	110	330	170	60	2.70
MSC <sub>1</sub> -200	200	90	12	--	170	190	170	60	3.50
MSC <sub>2</sub> -200	200	90	12	--	170	130	170	60	3.20
MSC <sub>3</sub> -200	200	90	12	15	120	190	170	75	5.10
MSC <sub>4</sub> -200	200	90	12	15	120	130	170	75	4.70
MSC <sub>5</sub> -200	200	90	12	--	120	330	170	60	5.80

### 7. 四变二线夹 (JR型)

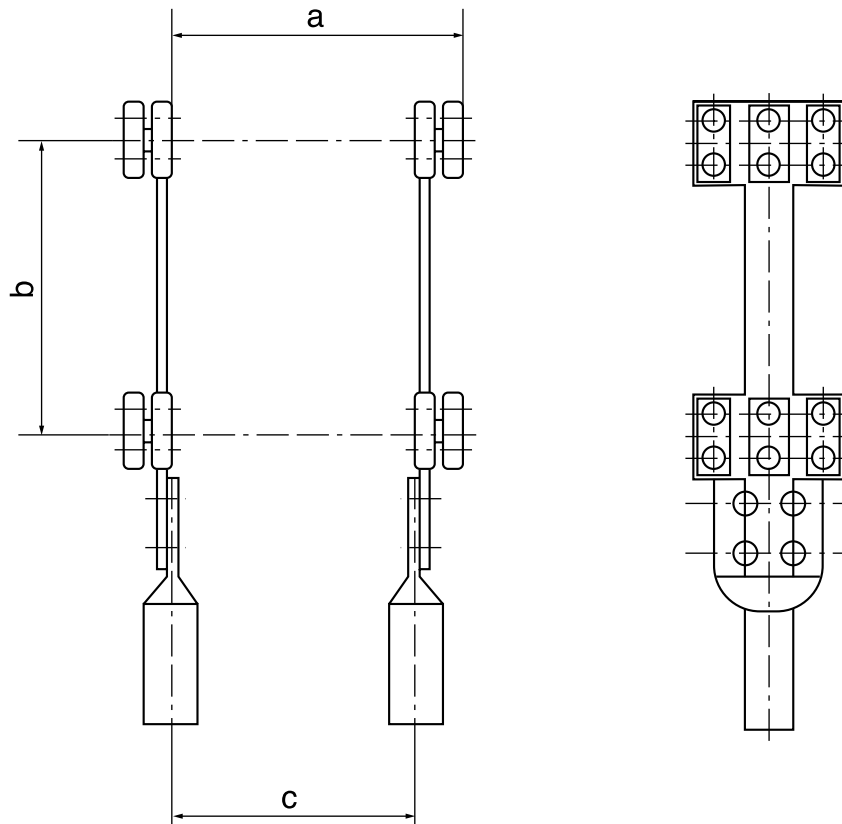
Connectors for 4-2 Bundle Conductor (Type JR)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)			参数 Weight (kg)
	母 线 Run	引下线 Tan	a	b	c	
JR-2/4-300/40-900K(JR-2/4-11)	LGJ-300/40	LGKK-900	450	450	400	25.0
JR-2/4-400/50-900K(JR-2/4-12)	LGJ-400/50	LGKK-900	450	450	400	25.0
JR-2/4-300/40-1400(JR-2/4-21)	LGJ-300/40	LGJQT-1400	450	450	400	26.5
JR-2/4-400/50-1400(JR-2/4-22)	LGJ-400/50	LGJQT-1400	450	450	400	26.5
JR-2/4-300/40-600K(JR-2/4-31)	LGJ-300/40	LGKK-600	450	450	400	26.5
JR-2/4-400/50-600K(JR-2/4-32)	LGJ-400/50	LGKK-600	450	450	400	26.5
JR-2/4-300/40-1400K(JR-2/4-41)	LGJ-300/40	LGKK-1400	450	450	400	27.5
JR-2/4-400/50-1400K(JR-2/4-42)	LGJ-400/50	LGKK-1400	450	450	400	27.5
JR-2/4-300/40-1000N(JR-2/4-51)	LGJ-300/40	NRLH58GJ-1000/45	450	450	400	24.5
JR-2/4-400/50-1000N(JR-2/4-52)	LGJ-400/50	NRLH58GJ-1000/45	450	450	400	24.5
JR-2/4-300/40-1440N(JR-2/4-61)	LGJ-300/40	NAHLGJQ-1440	450	450	400	27.0
JR-2/4-400/50-1440N(JR-2/4-62)	LGJ-400/50	NAHLGJQ-1440	450	450	400	27.0

## 8. 四变二线夹 (JT型)

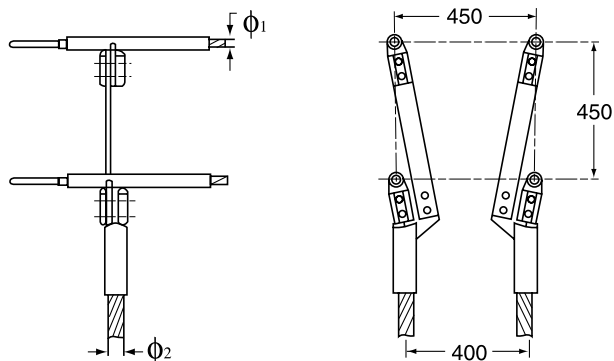
Connectors for 4-2 Bundle Conductor (Type JT)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions (mm)			参考重量 Weight (kg)
	母线 Run	引下线 Tan	a	b	c	
JT-2/4-400-900K(JT-2/4-12)	LGJ-400	LGKK-900	450	450	400	23.0
JT-2/4-300-1400(JT-2/4-21)	LGJ-300	LGJQT-1400	450	450	400	23.5
JT-2/4-400-1400(JT-2/4-22)	LGJ-400	LGJQT-1400	450	450	400	23.5
JT-2/4-300-600K(JT-2/4-31)	LGJ-300	LGKK-600	450	450	400	23.5
JT-2/4-400-600K(JT-2/4-32)	LGJ-400	LGKK-600	450	450	400	23.5
JT-2/4-300-1400K(JT-2/4-41)	LGJ-300	LGKK-1400	450	450	400	25.5
JT-2/4-400-1400K(JT-2/4-42)	LGJ-400	LGKK-1400	450	450	400	25.5
JT-2/4-300-1000N(JT-2/4-51)	LGJ-300	NRLH58GJ-1000/45	450	450	400	22.5
JT-2/4-400-1000N(JT-2/4-52)	LGJ-400	NRLH58GJ-1000/45	450	450	400	22.5
JT-2/4-300-1440N(JT-2/4-61)	LGJ-300	NAHLGJQ-1440	450	450	400	24.0
JT-2/4-400-1440N(JT-2/4-62)	LGJ-400	NAHLGJQ-1440	450	450	400	24.0

### 9. 四变二线夹 (JNY型)

Four-Bundle to Two Bundle Clamps (Type JNY)

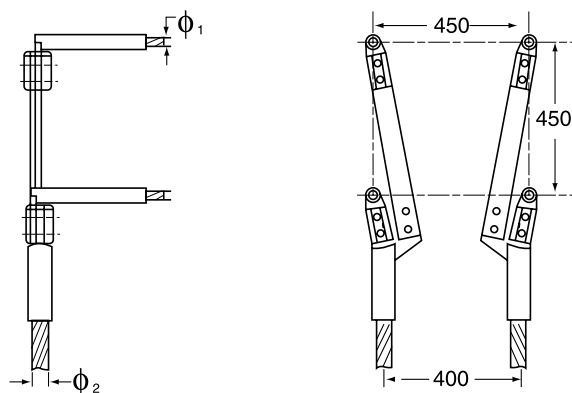


型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions (mm)		参考重量 Weight (kg)
	四导线	两导线	$\phi_1$	$\phi_2$	
JNY-2/4-300/40-900K	LGJ-300/40	LGKK-900	23.94	49.00	24.0
JNY-2/4-300/40-1400	LGJ-300/40	LGJQT-1400	23.94	51.00	24.8
JNY-2/4-300/40-1440N	LGJ-300/40	NRLH58GJ-1440	23.94	51.36	25.5
JNY-2/4-400/50-900K	LGJ-400/50	LGKK-900	27.63	49.20	24.0
JNY-2/4-400/50-1400	LGJ-400/50	LGJQT-1400	27.63	51.00	24.8
JNY-2/4-400/50-1440N	LGJ-400/50	NRLH58GJ-1440	27.63	51.36	25.5

注：四导线、引下两导线可根据用户实际需要进行订货，订货时请注明导线型号。

### 10. 四变二线夹 (JTY型)

Four-Bundle to Two Bundle Clamps (Type JTY)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions (mm)		参考重量 Weight (kg)
	四导线	两导线	$\phi_1$	$\phi_2$	
JTY-2/4-300/40-900K	LGJ-300/40	LGKK-900	23.94	49.00	15.8
JTY-2/4-300/40-1400	LGJ-300/40	LGJQT-1400	23.94	51.00	17.4
JTY-2/4-300/40-1440N	LGJ-300/40	NAHLGJQ-1440	23.94	51.36	16.8
JTY-2/4-400/50-900K	LGJ-400/50	LGKK-900	27.63	49.00	15.8
JTY-2/4-400/50-1400	LGJ-400/50	LGJQT-1400	27.63	51.00	17.4
JTY-2/4-400/50-1440N	LGJ-400/50	NAJLGJQ-1440	27.63	51.36	16.8

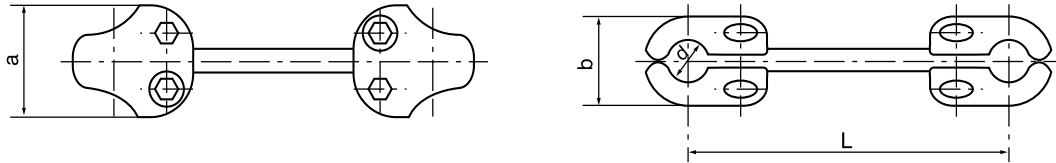
注：四导线、引下两导线可根据用户实际需要进行订货，订货时请注明导线型号。

## 五、保护金具

### RPROTECTIVE FITTING

#### 1. 双分裂间隔棒 (SJ型)

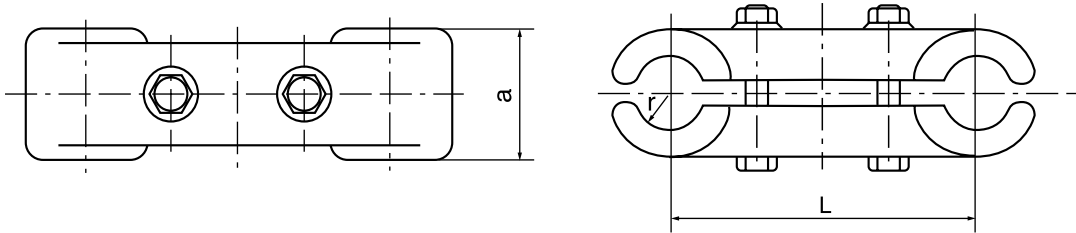
Spacers for Twin-bundle Conductor (Type SJ)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	L	d	
SJ-51-400	LGKK-600	104	80	400	52	2.8
SJ-51-450	LGJQT-1400	104	80	450	52	3.1

#### 2. 双分裂间隔棒 (MRJ型)

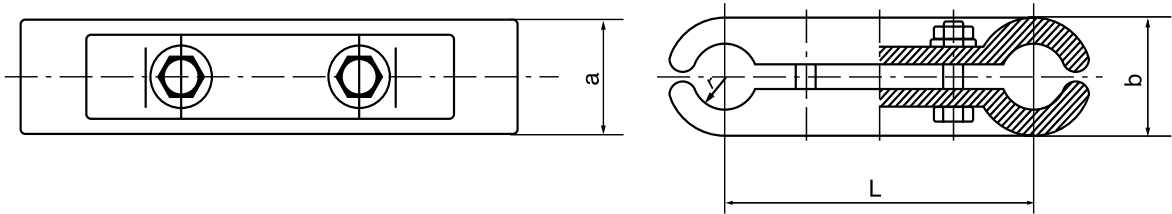
Spacers for Twin-bundle Conductor (Type MRJ)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)			参考重量 Weight (kg)
		a	L	r	
MRJ-4/120	19.02~21.28	50	120	11	0.4
MRJ-5/120	23.70~27.36	60	120	14	0.6
MRJ-6/120	30.16~33.20	70	120	17	0.7
MRJ-9/120	45.00~49.00	60	120	24	0.8
MRJ-4/200	19.02~21.28	50	200	11	0.9
MRJ-5/200	23.70~27.36	60	200	14	1.0
MRJ-6/200	30.16~33.20	70	200	17	1.2
MRJ-9/200	45.00~49.00	60	200	24	1.3
MRJ-10/200	50.00~55.00	70	200	27	2.3
MRJ-4/400	19.02~21.28	50	400	11	2.1
MRJ-5/400	23.70~27.36	60	400	14	2.5
MRJ-6/400	30.16~33.20	70	400	17	2.8
MRJ-9/400	45.00~49.00	60	400	24	2.9
MRJ-10/400	50.00~55.00	70	400	27	3.0

### 3. 双分裂间隔棒 (大截面导线用MRJ型)

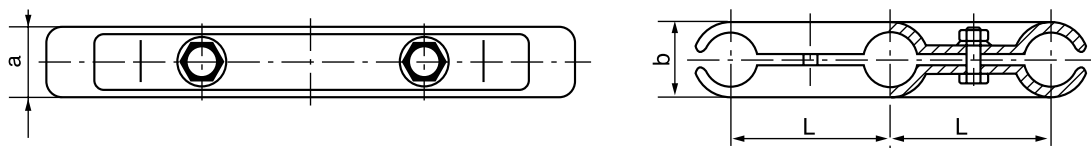
Spacers for Twin-bundle Conductor (Type MRJ, Suitable for Large Cross-sectional Conductor)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	L	r	
MRJ-600K-120	LGKK-600	50	68	120	26	0.7
MRJ-600K-200	LGKK-600	60	70	200	26	2.2
MRJ-600K-400	LGKK-600	60	70	400	26	2.5
MRJ-600K-450	LGKK-600	60	70	450	26	3.3
MRJ-900K-120	LGKK-900	50	65	120	26	0.7
MRJ-1400-120	LGJQT-1400	50	68	120	26	0.7
MRJ-1400-200	LGJQT-1400	50	68	200	26	2.2
MRJ-1400-400	LGJQT-1400	60	70	400	26	2.5
MRJ-1400-450	LGJQT-1400	60	70	450	26	3.3
MRJ-1440N-200	NAHLGJQ-1440	60	70	200	26	2.2
MRJ-1440N-400	NAHLGJQ-1440	60	70	400	26	2.5

### 4. 三分裂间隔棒 (MRJ<sub>3</sub>型)

Spacers for Tri-bundle Conductor (Type MRJ<sub>3</sub>)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)			参考重量 Weight (kg)
		a	b	L	
MRJ <sub>3</sub> -240/200	LGJ-240	50	44	200	1.5
MSJ-10/240(MRJ <sub>3</sub> -600K/120)	LGKK-600	50	68	120	2.2
MRJ <sub>3</sub> -600K/200				200	2.7
MSJ-10/240(MRJ <sub>3</sub> -1400/120)	LGJQT-1400	50	68	120	2.2
MRJ <sub>3</sub> -1400/200				200	2.7
MRJ <sub>3</sub> -1440N-200	NAHLGJQ-1440	60	70	200	2.7

## 5. 均压屏蔽环 (铝制)

Grading &amp; Shielding Rings (Aluminium)

5-1

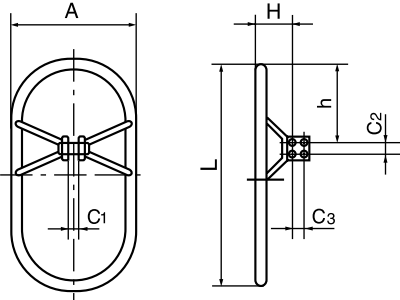


图1 fig.1

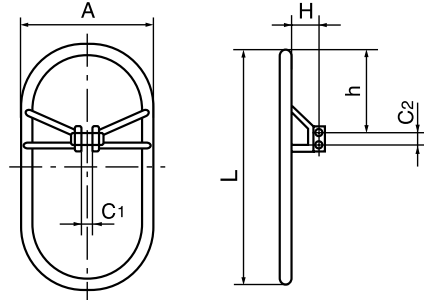


图2 fig.2

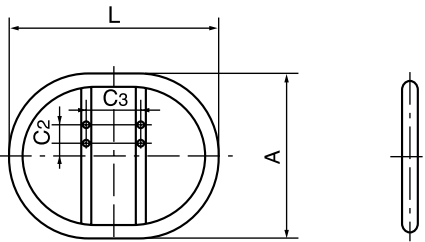


图3 fig.3

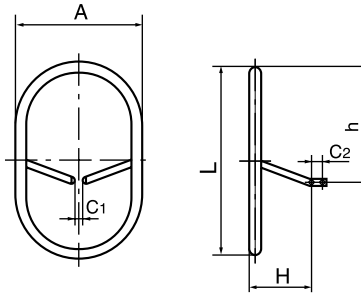


图4 fig.4

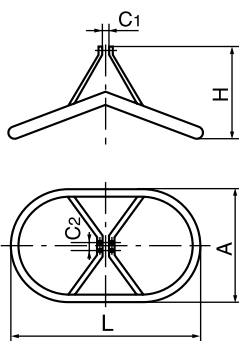


图5 fig.5

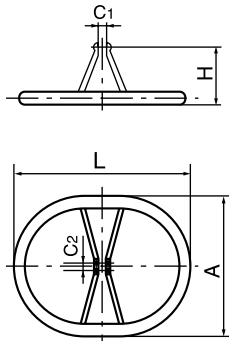


图6 fig.6

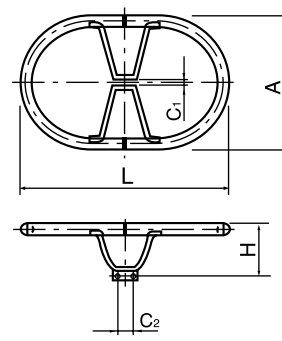


图7 fig.7

型号 Catalog No.	图号 Fig. No.	主要尺寸 Dimensions(mm)							参考重量 Weight (kg)
		A	H	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	L	h	
FP-1060 × 660SP	1	660	310	18	40	50	1060	330	6.7
FJP-500B <sub>1</sub>	1	660	150	23	40	50	1000	330	5.8
FJP-500B <sub>2</sub> (FP-820 × 660S)	1	660	150	23	40	50	820	330	5.6
FJP-500B <sub>3</sub>	2	660	125	23	80	--	1000	350	5.4
FJP-500B <sub>4</sub>	2	660	125	23	80	--	900	360	5.3
FJP-500B <sub>5</sub>	3	660	--	--	50	220	700	--	4.3
FJP-500B <sub>6</sub>	1	660	310	18	40	50	1060	530	6.6
FJP-500B <sub>7</sub>	4	620	195	20	50	--	900	550	5.7
FJP-500B <sub>8</sub> (FJ-500BC)	5	660	500	18	80	--	1060	--	6.7
FJP-500B <sub>9</sub>	6	676	260	24	80	--	776	--	5.7
JL <sub>1</sub> -760 × 660	6	660	260	24	80	--	760	--	5.6
JL <sub>2</sub> -1026 × 660	7	660	260	24	80	--	1026	--	5.9
FJ-1026 × 676S	7	676	290	20	80	--	1026	--	8.5
JL <sub>2</sub> -1026 × 660C (FJ-500BS)	7	660	260	24	80	--	1026	--	5.9



5-2

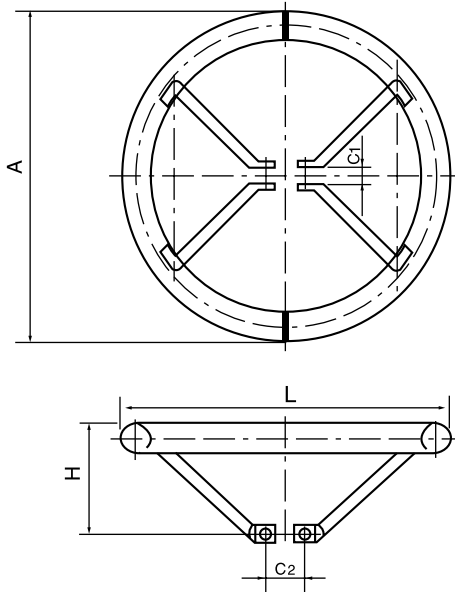


图1 fig.1

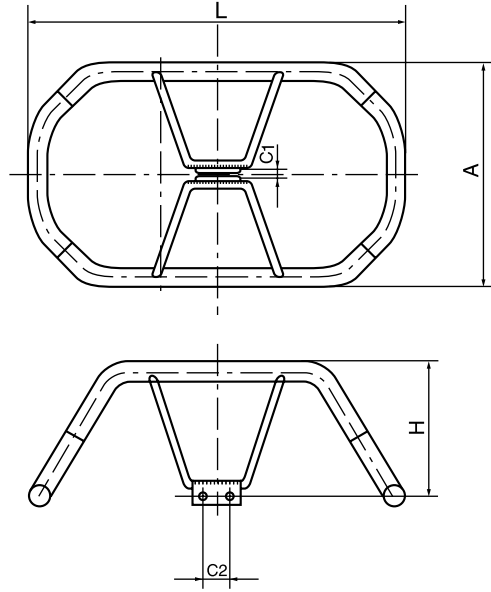


图2 fig.2

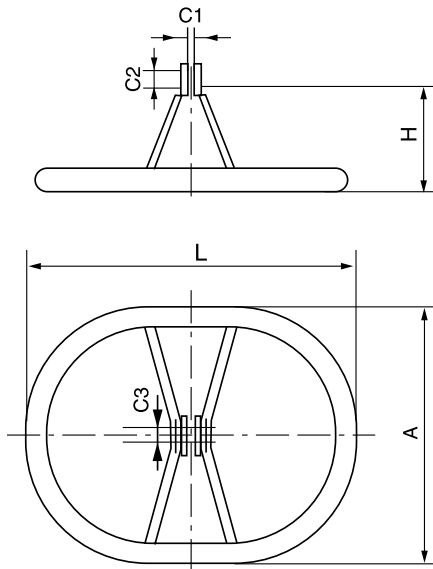


图3 fig.3

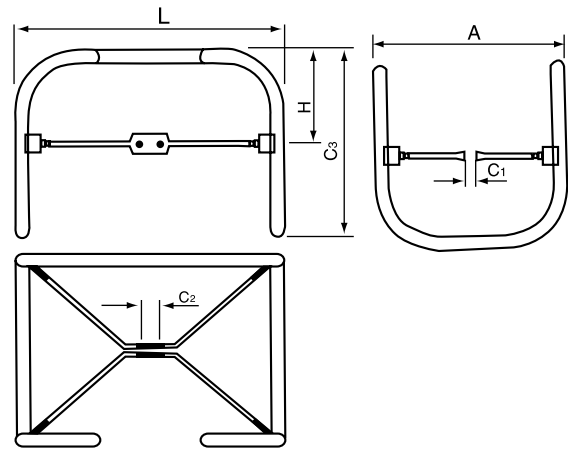


图4 fig.4

型号 Catalog No.	图号 Fig. No.	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
		L	A	H	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	
FJ-660 (FJ-660)	1	660	660	220	36	80	--	5.0
FJP-1300×1200-S	2	1300	1200	430	18	80	--	8.4
FJP-1300×1200-N	2	1120	660	460	18	80	--	8.4
PL <sub>1</sub> -1060 × 660	3	1060	660	285	18	50	40	6.7
FJP-1060×660	3	1060	660	435	18	50	40	7.1
JPL-1200×860	4	1200	860	425	20	80	850	17.1
JPL-1550×860	4	1550	860	425	20	100	850	18.2
FJP-500BGV1	4	1550	860	480	18	100	850	15.5

5-3

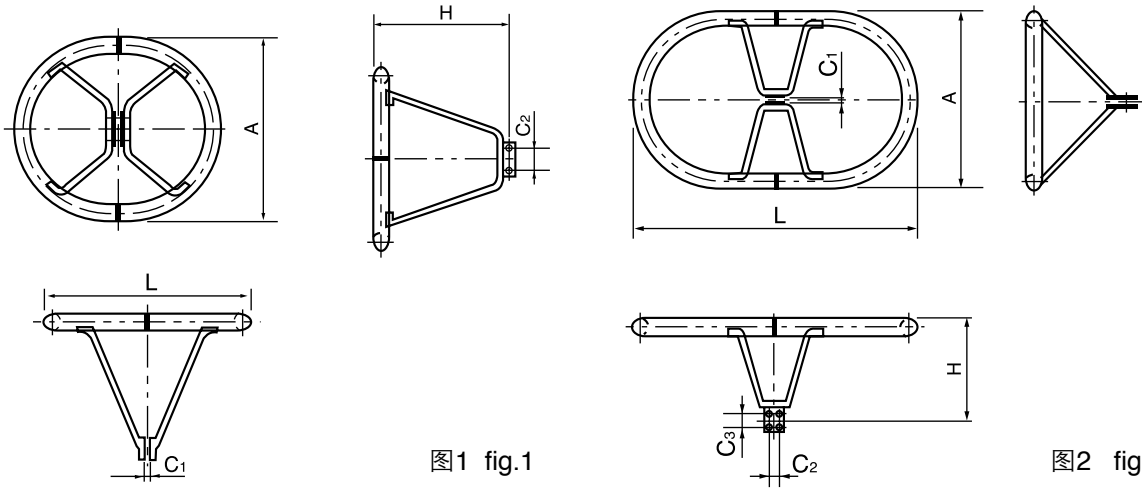


图1 fig.1

图2 fig.2

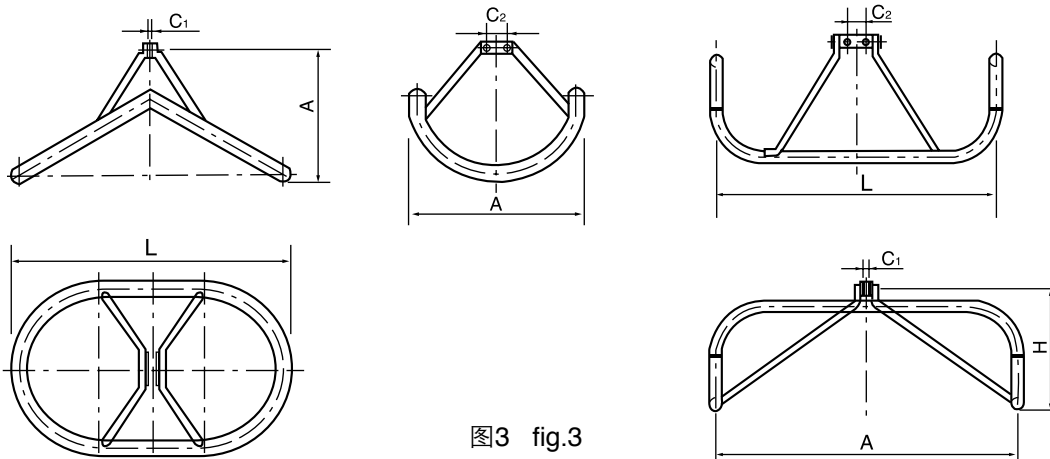


图3 fig.3

图4 fig.4

型号 Catalog No.	图号 Fig. No	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
		L	A	H	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	
FJ-500BD	1	760	660	200	20	80	--	6.1
FJ-760 × 660D	1	760	660	500	24	80	--	6.2
FP-500BS	2	1060	660	350	23	40	50	7.0
FD-1060 × 660S	2	1060	660	410	24	40	50	7.0
PL-1060 × 660	2	1060	660	375	18	40	50	7.0
JLV-1060 × 660	3	1060	660	500	20	80	--	6.7
FJV-1060 × 660	3	1060	660	500	20	80	--	6.7
JPL-1300 × 1200V	4	1150	1250	500	23	80	--	11.6

5-4

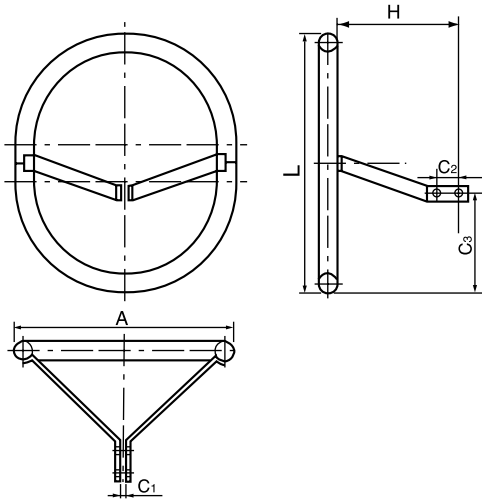


图1 fig.1

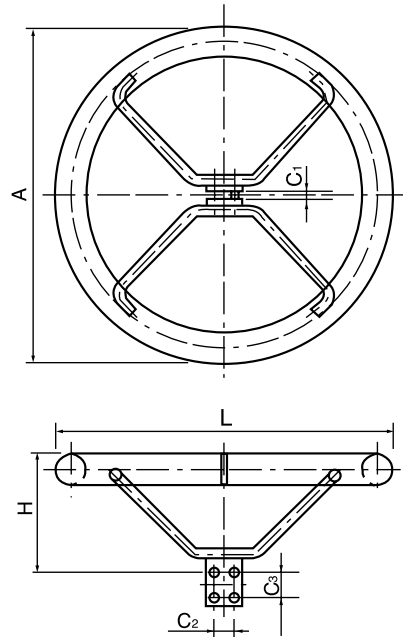


图2 fig.2

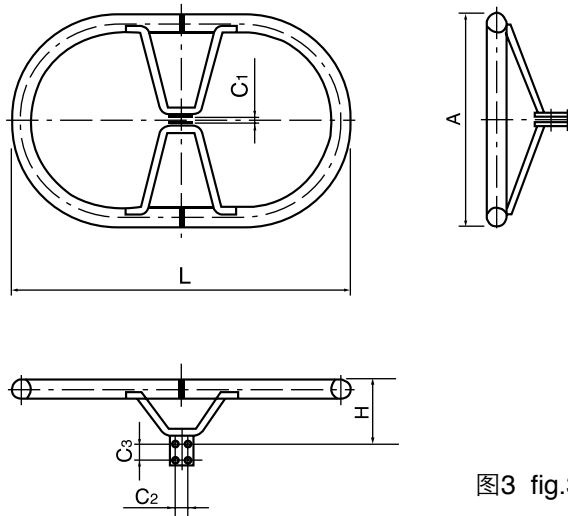
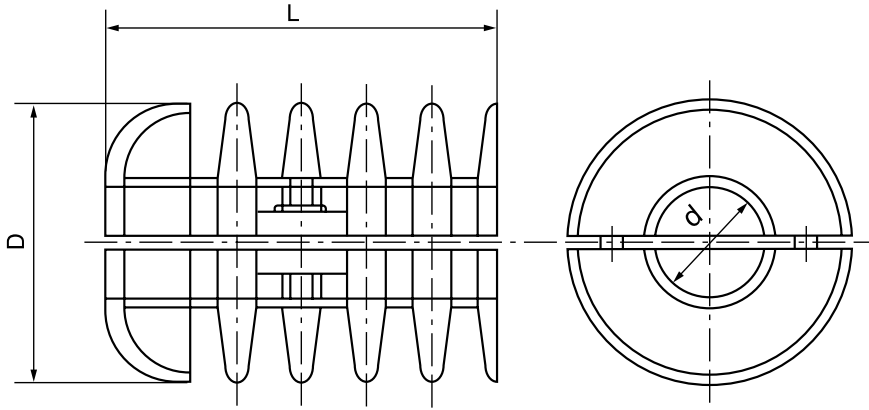


图3 fig.3

型号 Catalog No.	图号 Fig. No	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
		L	A	H	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	
PPL-500X	1	700	600	330	20	60	270	4.6
PL-500X	1	700	660	245	20	60	250	4.5
PL-660	2	660	660	290	18	40	50	5.0
FP-660	2	660	660	230	18	40	50	5.5
FP-1060×660D (FJ-500BD-2)	3	1060	660	200	24	40	50	6.3

6. 散热器 (FS型)  
Radiators (Type FS)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions (mm)			参考重量 Weight (kg)
		d	D	L	
FS-210N	NAHLGJQ-210	20	95	195	1.7
FS-240N	NAHLGJQ-240	22	98	195	1.7
FS-300N	NAHLGJQ-300	24	100	195	1.8
FS-400N	NAHLGJQ-400	28	100	195	2.0
FS-500N	NAHLGJQ-500	30	110	195	2.2
FS-630N	NAHLGJQ-630	35	110	195	2.2
FS-800N	NAHLGJQ-800	39	120	195	2.4
FS-1000N	NAHLGJQ-1000	45	120	195	2.5
FS-1440N	NAHLGJQ-1440	52	130	195	2.6

铝制件。

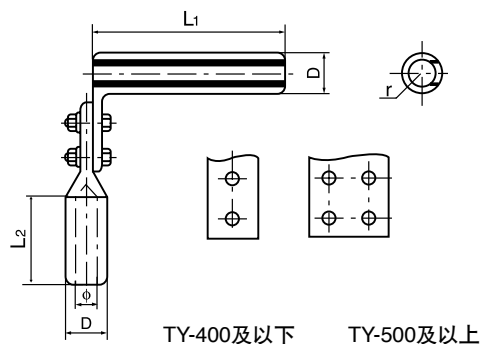
Aluminium.

## 六、T接线夹

### T-CONNECTOR

#### 1. T型线夹 (TY液压型)

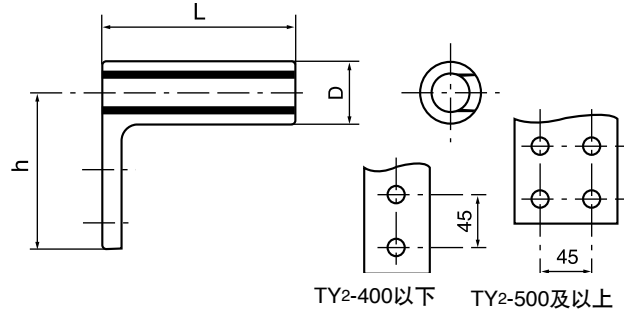
T-connectors (Type TY, Hydraulic Compression)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L <sub>1</sub>	L <sub>2</sub>	D	φ	r	
TY-120/7	LGJ-120/7	115	80	26	16.0	8.0	1.2
TY-120/20	LGJ-120/20				16.6	8.3	1.2
TY-150/8	LGJ-150/8	125	90	30	17.5	8.8	1.3
TY-150/20	LGJ-150/20				18.0	9.0	1.3
TY-185/10	LGJ-185/10	125	90	32	19.5	9.8	1.4
TY-185/25	LGJ-185/25				20.5	10.3	1.4
TY-185/30	LGJ-185/30				20.5	10.3	1.4
TY-210/10	LGJ-210/10	135	100	34	20.5	10.3	1.5
TY-210/25	LGJ-210/25				21.5	10.8	1.5
TY-240/30	LGJ-240/30	135	100	36	23.0	11.5	1.6
TY-240/40	LGJ-240/40				23.0	11.5	1.6
TY-300/15	LGJ-300/15	145	110	40	24.5	12.3	1.7
TY-300/20	LGJ-300/20				25.0	12.5	1.7
TY-300/25	LGJ-300/25				25.5	12.8	1.7
TY-300/40	LGJ-300/40				25.5	12.8	1.7
TY-400/20	LGJ-400/20	155	120	45	28.5	14.3	1.9
TY-400/30	LGJ-400/30						1.9
TY-400/35	LGJ-400/35				1.9		
TY-400/50	LGJ-400/50				29.5	14.8	1.9
TY-400/65	LGJ-400/65						1.9
TY-500/35	LGJ-500/35	165	130	52	31.5	15.8	2.3
TY-500/45	LGJ-500/45				2.3		
TY-500/65	LGJ-500/65				32.5	16.3	2.3
TY-630/45	LGJ-630/45	185	150	60	35.5	17.8	4.2
TY-630/55	LGJ-630/55				36.0	18	4.2
TY-630/80	LGJ-630/80						4.2
TY-800/55	LGJ-800/55	210	170	65	40.0	20.3	5.5
TY-800/70	LGJ-800/70				40.5	20.3	5.5
TY-800/100	LGJ-800/100						5.5
TY-300N	NRLH60GJ-300	205	170	50	25.0	12.5	3.5
TY-400N	NAHLGJQ-400	215	180	55	29.5	14.8	3.9
TY-500/35N	NAHLGJQ-500/35	290	180	65	32.5	17.8	6.2
TY-630/45N	NAHLGJQ-630/45	300	200	70	36.0	18.0	7.0

## 2. T型线夹 (TY/TY<sub>2</sub>液压型)

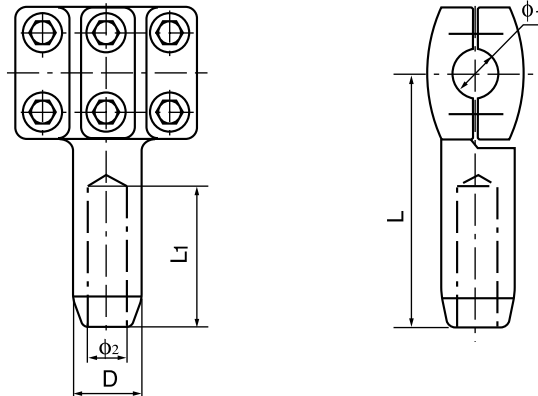
T-connectors (Type TY/TY<sub>2</sub>, Hydraulic Compression)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)			参考重量 Weight (kg)
		L	h	D	
TY-240L	LJ-240	170	99	38	0.8
TY <sub>2</sub> -240	LGJ-240	170	128	38	1.2
TY <sub>2</sub> -300	LGJ-300, LGJQ-300	180	132	40	1.3
TY <sub>2</sub> -400	LGJ-400, LGJQ-400	190	140	45	1.4
TY <sub>2</sub> -500	LGJQ-500	200	139	50	1.7
TY <sub>2</sub> -600	LGJQ-600	220	142	55	1.9

## 3. T型线夹 (TLY型)

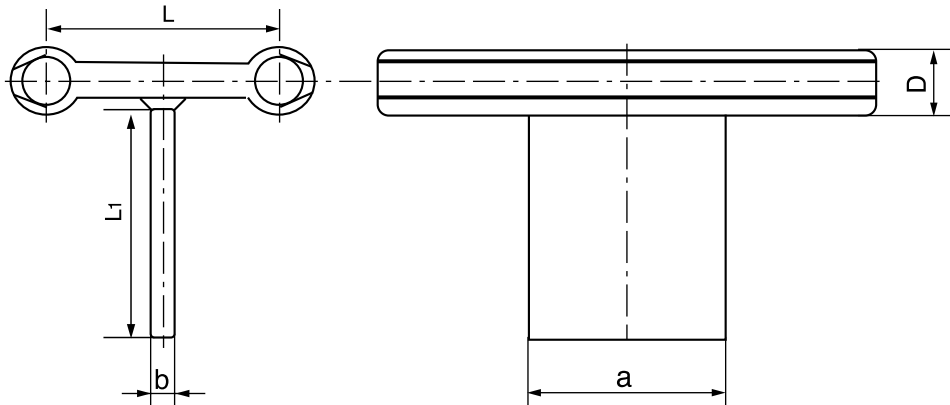
T-connectors (Type TLY)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
	母线 Run	引下线 Tan	$\phi_1$	$\phi_2$	D	L	L <sub>1</sub>	
TLY-10K/5A (TLY-600K/300)	LGKK-600	LGJ-300	52	25.5	40	200	110	5.5
TLY-10K/5 (TLY-600K/400)	LGKK-600	LGJ-400	52	29	45	204	120	5.8
TLY-10K/10 (TLY-600K/600K)	LGKK-600	LGKK-600	52	52	76	270	180	7.2
TLY-10N/10N (TLY-1000N/1000N)	NRLH58GJ-1000	NRLH58GJ-1000	52	52	76	300	210	6.5
TLY-10/5A (TLY-1400/300)	LGJQT-1400	LGJ-300	52	25.5	40	200	110	5.5
TLY-10/5 (TLY-1400/400)	LGJQT-1400	LGJ-400	52	29	45	204	120	5.8
TLY-10/10 (TLY-1400/1400)	LGJQT-1400	LGJQT-1400	52	52	76	270	180	6.2
TLY-11N/11N (TLY-1440N/1440N)	NALHLGJQ-1440	NALHLGJQ-1440	52	52	80	330	240	11.3
TLY-9K/5 (TLY-900K/400)	LGKK-900	LGJ-400	50	29	45	204	120	5.8
TLY-9K/9 (TLY-900K/900K)	LGKK-900	LGKK-900	50	50	76	270	190	7.2

#### 4. 双导线T型线夹 (TYS型)

T-connectors for Twin-bundle Conductor (Type TYS)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
	型号Catalog No.	外径Dia.(mm)	D	a	L <sub>1</sub>	b	L	
TYS-2 × 150/120	LGJ-150/25	17.10	30	100	125	12	120	2.3
TYS-2 × 185/120	LGJ-185/45	19.60	32	100	125	12	120	2.2
TYS-2 × 240/120	LGJ-240/30	21.60	36	100	125	12	120	2.3
TYS-2 × 300/120	LGJ-300/40	23.94	40	100	125	12	120	2.8
TYS-2 × 400/120	LGJ-400/50	27.63	45	125	145	12	120	3.9
TYS-2 × 500/120	LGJ-500/45	30.00	52	125	145	16	120	5.7
TYS-2 × 630/120	LGJ-630/45	33.60	60	150	175	16	120	7.1
TYS-2 × 240/200	LGJ-240/30	21.60	36	100	125	12	200	2.7
TYS-2 × 300/200	LGJ-300/40	23.94	40	100	125	12	200	3.2
TYS-2 × 400/200	LGJ-400/50	27.63	45	125	145	12	200	4.2
TYS-2 × 500/200	LGJ-500/45	30.00	52	125	145	16	200	6.1
TYS-2 × 630/200	LGJ-630/45	33.60	60	150	175	16	200	7.5
TYS-2 × 240/400	LGJ-240/30	21.60	36	100	125	12	400	3.8
TYS-2 × 300/400	LGJ-300/40	23.94	40	100	125	12	400	4.3
TYS-2 × 400/400	LGJ-400/50	27.63	45	125	145	12	400	5.4
TYS-2 × 500/400	LGJ-500/45	30.00	52	125	145	16	400	7.1
TYS-2 × 630/400	LGJ-630/45	33.60	60	150	175	16	400	8.5

**5. T型线夹 (TL型)**

T-connectors (Type TL)

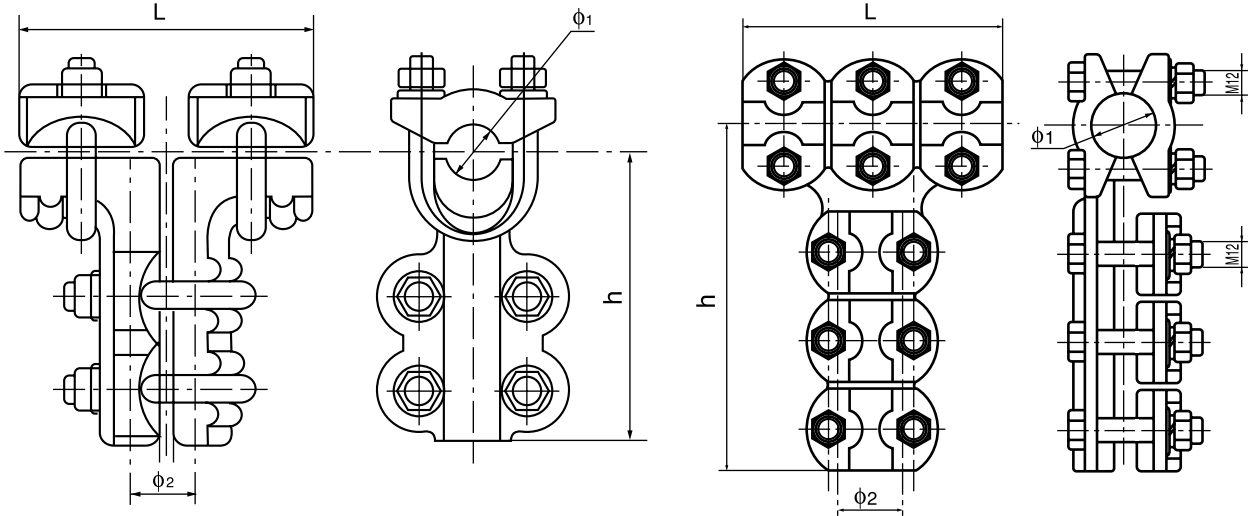


图1 fig.1

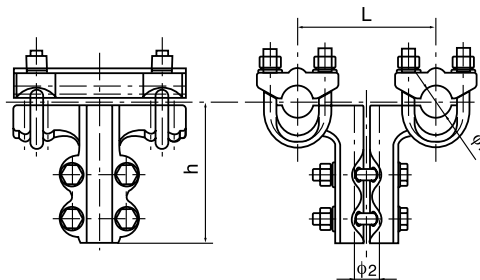
图2 fig.2

型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)		主要尺寸 Dimensions(mm)		参考重量 Weight (kg)	图示 Fig No.
	$\phi_1$	$\phi_2$	L	h		
TLL-1/1 (TL-11)	7.50~9.60	7.50~9.60	118	102	0.7	1
TLL-2/1 (TL-21)	10.65~13.68	7.50~9.60	118	103	0.8	1
TLL-2/2 (TL-22)	10.65~13.68	10.65~13.68	120	103	0.8	1
TLL-3/1 (TL-31)	14.0~16.72	7.50~9.60	118	117	1.1	1
TLL-3/2 (TL-32)	14.0~16.72	10.65~13.68	120	117	1.1	1
TLL-3/3 (TL-33)	14.0~16.72	14.0~16.72	120	117	1.1	1
TLL-4/1 (TL-41)	17.5~22.4	7.50~9.60	120	117	1.1	1
TLL-4/2 (TL-42)	17.5~22.4	10.65~13.68	120	117	1.1	1
TLL-4/3 (TL-43)	17.5~22.4	14.0~16.72	120	117	1.1	1
TLL-4/4 (TL-44)	17.5~22.4	17.5~22.4	120	117	1.2	1
TLL-5/2 (TL-52)	23.0~29.2	10.65~13.68	146	168	1.5	2
TLL-5/3 (TL-53)	23.0~29.2	14.0~16.72	146	168	1.5	2
TLL-5/4 (TL-54)	23.0~29.2	17.5~22.4	146	194	1.5	2
TLL-5/5 (TL-55)	23.0~29.2	23.0~29.2	146	194	4.0	2
TLL-6/4 (TL-64)	30.0~35.0	17.5~22.4	176	200	4.5	2
TLL-6/5 (TL-65)	30.0~35.0	23.0~29.2	176	200	4.5	2
TLL-6/6 (TL-66)	30.0~35.0	30.0~35.0	176	247	4.8	2
TLL-7/7 (TL-77)	36.0~42.0	36.0~42.0	176	247	5.8	2
TLL-7/4 (TL-74)	30.0~35.0	17.5~22.4	176	247	5.9	2
TLL-8/7 (TL-87)	46.0~52.0	36.0~42.0	320	385	14.0	2
TLL-8/8 (TL-88)	46.0~52.0	46.0~52.0	320	395	14.8	2
TLL-8/5 (TL-800.1)	34.0~39.0	26.0~30.0	230	323	7.0	2



### 6. 双导线T型线夹 (TLS型)

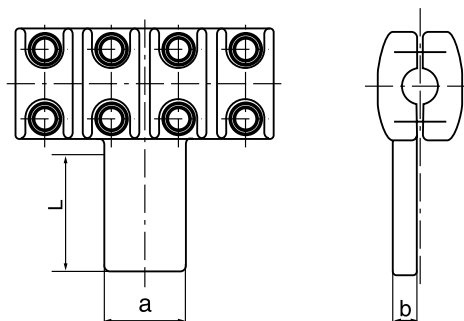
T-connectors for Twin bundle Conductors (Type TLS)



型号 Catalog No.	适用导线型号 Suitable Conductor Catalog No.	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi_1$	$\phi_2$	L	h	
TLL-2×4/4 (TLS-44)	185~240/185~240	22.0	22.0	120	125	3.2
TLS-45	185~240/300~400	22.0	28.0	120	160	3.4
TLS-53	300~400/120~150	28.0	18.0	120	160	3.6
TLS-54	300~400/185~240	28.0	22.0	120	122	3.7
TLL-2X5/5(TLS-55)	300~400/300~400	28.0	28.0	120	160	3.9
TLS-56	300~400/500~630	28.0	34.5	120	170	4.1
TLS-65	500~630/300~400	34.5	28.0	120	180	4.5
TLS-66	500~630/500~630	34.5	34.5	120	180	4.8

### 7. T型线夹 (TL型)

T-connectors (Type TL)



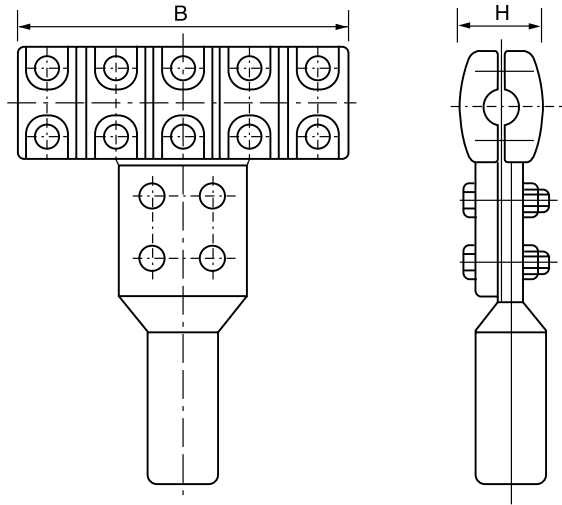
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)			参考重量 Weight (kg)
		a	L	b	
TL-4NA (TL-210N)	NAHLGJQ-210	63	105	16	4.5
TL-4N (TL-240N)	NAHLGJQ-240	63	105	16	5.5
TL-5NA (TL-300N)	NAHLGJQ-300	100	100	20	6.6
TL-5N (TL-400N)	NAHLGJQ-400	100	110	20	6.5
TL-6NA (TL-500N)	NAHLGJQ-500	125	125	22	7.2
TL-6N (TL-630N)	NAHLGJQ-630	125	125	22	8.6
TL-10 (TL-1400)	LGJQT-1400	125(120)	125(120)	22	8.2
TL-10N (TL-1440N)	NAHLGJQ-1440	135(150)	135(150)	22	8.9
TL-10K (TL-630K)	LGKK-600带芯棒	125	125(130)	20	6.0
TL-9K (TL-900K)	LGKK-900带芯棒	125(105)	125(105)	26	9.6
TL-5A (TL-300)	LGJ~300/15~300/70	63	105	16	3.8
TL-5 (TL-400)	LGJ-400/20~400/50	63	105	16	4.2
TL-6A (TL-500)	LGJ-500/35~500/65	80	105	22	6.1
TL-6 (TL-630)	LGJ-630/35~630/80	100	105	20	6.8
TL-7 (TL-800)	LGJ-800/55~800/100	110	110	22	7.5

\*括号 ( ) 内型号对应括号 ( ) 内尺寸。

Inside brackets of catalog NO.correspoud inside brackets of dimensions.

### 8. T型线夹 (TL型, 配引流)

T-connectors (Type TL, with jump clamp)



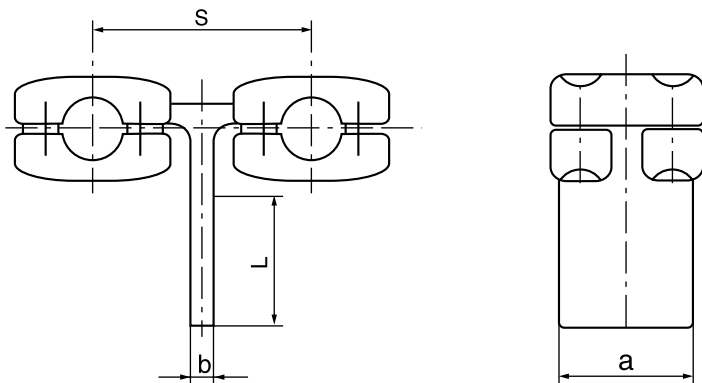
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
		B	H	
TL-600K/600K	LGKK-600	210	86	6.0
TL-900K/900K	LGKK-900	210	86	9.6
TL-1400/1400	LGJQT-1400/135	210	88	8.2
TL-210N/210N	NAHLGJQ-210/35	158	59	4.5
TL-240N/240N	NAHLGJQ-240/40	214	63	5.2
TL-300N/300N	NAHLGJQ-300/40	250	70	5.8
TL-400N/400N	NAHLGJQ-400/50	270	72	6.5
TL-500N/500N	NAHLGJQ-500/45	320	81	7.2
TL-600N/600N	NAHLGJQ-600/45	320	84	8.3
TL-630N/630N	NAHLGJQ-630/45	320	84	8.8
TL-1440N/1440N	NAHLGJQ-1440/120	296	101	9.7

如引流线和母线规格不同, 订货时请注明, 如: 母线规格为LGKK-600引流线为LGJ-400/35, 则型号为TL-600K/400/35。

If the conductor or Bus-bar have changed, please indicate the value. For example, the Bus-bar is LGKK-600, the conductor is LGJ-400/35, the type is TL-600K/400/35.

### 9. 双导线单引下T型线夹 (TL型不配引流夹)

T-connectors for Twin Bundle Conductor & Single Tap Conductor (Type TL)



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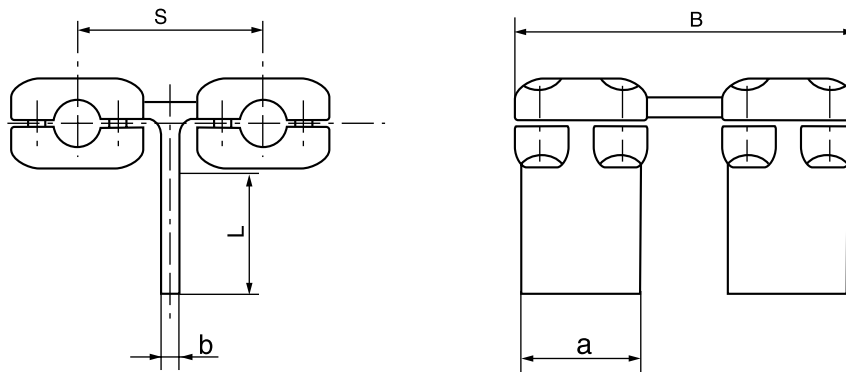
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	a	b	S	
TL-185/120	LGJ-185/10~25	80	50	12	120	1.25
TL-210/120	LGJ-210/10~25	80	50	12	120	1.31
TL-240/120	LGJ-240/30	80	50	14	120	1.5
TL-300/120	LGJ-300/15~40	100	63	16	120	1.5
TL-400/120	LGJ-400/20~50	100	63	16	120	1.6
TL-500/120	LGJ-500/35~26	100	80	18	120	2.3
TL-630/120	LGJ-630/45~80	100	100	18	120	2.7
TL-800/120	LGJ-800/55~100	125	125	20	120	4.8
TL-210N/120	NAHLGJQ-210	105	63	16	120	1.1
TL-400N/120	NAHLGJQ-400	125	125	20	120	5.0
TL-600K/120	LGKK-600	125	125	20	120	5.5
TL-900K/120	LGKK-900	125	125	20	120	8.2
TL-1400/120	LGJQT-1400	125	125	20	120	5.5
TL-185/200	LGJ-185/10~25	80	50	12	200	1.45
TL-210/200	LGJ-210/10~25	80	50	12	200	1.45
TL-240/200	LGJ-240/30	80	50	14	200	1.5
TL-300/200	LGJ-300/15~40	100	63	16	200	1.6
TL-300/200-120	LGJ-300/15~40	120	120	16	200	3.0
TL-300/200-100	LGJ-300/15~40	100	100	16	200	2.8
TL-400/200	LGJ-400/20~50	100	63	16	200	1.7
TL-500/200	LGJ-500/35~26	100	80	18	200	2.3
TL-630/200	LGJ-630/45~80	100	100	18	200	3.9
TL-800/200	LGJ-800/55~100	125	125	20	200	4.3
TL-400N/200 (TL-2×5N/200)	NAHLGJQ-400	125(100)	125(100)	20	200	6.2
TL-500N/200	NAHLGJQ-500	130	125	22	200	7.0
TL-630N/200	NRLH58GJ-630	150	150	24	200	8.8
TL-600K/200 (TL-2×10K/200)	LGKK-600	125	125	22	200	6.9
TL-900K/200 (TL-2×9K/200)	LGKK-900	125	125	22	200	8.2
TL-1000N/200	NRLH58GJ-1000	150	150	24	200	6.2
TL-1400/200 (TL-2×10/200)	LGJQT-1400	125	125	20(22)	200	6.9
TL-1440N/200 (TL-2×10N/200)	NAHLGJQ-1440	150(125)	150(125)	24(22)	200	10.7
TL-240/400	LGJ-240	80	50	14	400	6.5
TL-300/400	LGJ-300	100	63	16	400	6.8
TL-400/400	LGJ-400/20~50	100	63	16	400	6.9
TL-500/400	LGJ-500/35~26	100	80	18	400	7.1
TL-630/400	LGJ-630/45~80	100	100	18	400	7.3
TL-800/400	LGJ-800/55~100	125	125	20	400	7.5
TL-400N/400	NAHLGJQ-400	125	125	20	400	7.7
TL-600K/400	LGKK-600	125	125	20	400	7.2
TL-900K/400	LGKK-900	125	125	20	400	7.5
TL-1400/400	LGJQT-1400	125	125	20	400	7.2
TL-1440N/400	NAHLGJQ-1440	150	150	24	400	7.5

如引流线和母线规格不同, 订货时请注明引流线规格。括号( )内型号对应括号( )内尺寸。

If the conductor or Bus-bar have changed, Please indicate the conductor. Inside brackets of catalog NO.correspoud inside brackets of dimensions.

## 10. 双导线双引下T型线夹 (TL型)

T-connectors for Twin Bundle Conductors &amp; Tap-conductors (Type TL)



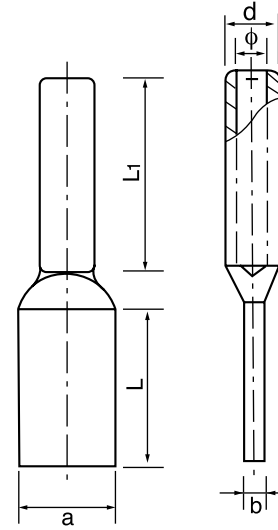
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		B	a	L	b	S	
TL-2 × 600K/200	LGKK-600	325	125	125	22	200	13.9
TL-2 × 900K/200	LGKK-900	325	120	120	22	200	13.0
TL-2 × 1400/200	LGJQT-1400	325	125	125	22	200	13.9
TL-2 × 1440N/200	NAHLGJQ-1440	340	150	150	22	200	18.8
TL-2 × 600K/400	LGKK-600	375	125	125	22	400	23.5
TL-2 × 900K/400	LGKK-900	375	120	120	22	400	23.5
TL-2 × 1400/400	LGJQT-1400	375	125	125	22	400	23.5
TL-2 × 1440N/400	NAHLGJQ-1440	496	150	150	25	400	25.5

## 七、设备线夹

### TERMINAL CONNECTOR

#### 1. 设备线夹 (SY压缩型A类)

Terminal Connectors (Type SY, Compression, Group A)

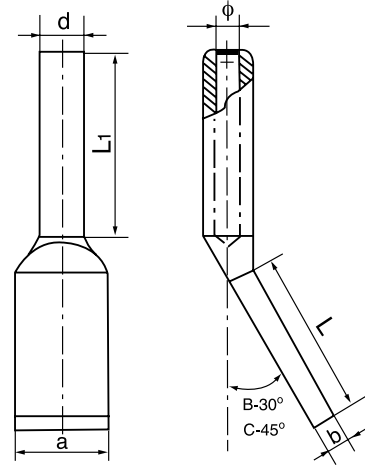


型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)					
	型号Cat.No	外径 O.D(mm)	a	b	d	L1	L	φ
SY-35/6A	LGJ-35/6	8.16	30	8	16	60	60	9.50
SY-50/8A	LGJ-50/8	9.60	30	8	18	60	60	11.0
SY-70/10A	LGJ-70/10	11.40	40	8	22	70	60	13.0
SY-95/15A	LGJ-95/15	13.61	40	8	26	80	60	15.0
SY-120/7A	LGJ-120/70	14.50	50	10	26	80	80	16.0
SY-120/20A	LGJ-120/20	15.07						16.6
SY-150/8A	LGJ-150/8	16.00	50	10	30	90	80	17.5
SY-150/20A	LGJ-150/20	16.67						18.0
SY-185/10A	LGJ-185/10	18.00	50	12	32	90	80	19.5
SY-185/25A	LGJ-185/25	18.90						20.5
SY-185/30A	LGJ-185/30	18.88						20.5
SY-210/10A	LGJ-210/10	19.00	50	12	34	100	80	20.5
SY-210/25A	LGJ-210/25	19.98						21.5
SY-240/30A	LGJ-240/30	21.60	50	12	36	100	80	23.0
SY-240/40A	LGJ-240/40	21.66						23.0
SY-300/15A	LGJ-300/15	23.01	63	16	40	110	100	24.5
SY-300/20A	LGJ-300/20	23.43						25.0
SY-300/25A	LGJ-300/25	23.76						25.5
SY-300/40A	LGJ-300/40	23.94						25.5
SY-400/20A	LGJ-400/20	26.91	63	16	45	120	100	28.5
SY-400/25A	LGJ-400/25	26.64						28.5
SY-400/35A	LGJ-400/35	26.82						28.5
SY-400/50A	LGJ-400/50	27.63						29.5
SY-400/65A	LGJ-400/65	28.00	80	16	52	130	100	29.5
SY-500/35A	LGJ-500/35	30.00						31.5
SY-500/45A	LGJ-500/45	30.00						31.5
SY-500/65A	LGJ-500/65	30.96						32.5
SY-630/45A	LGJ-630/45	33.60	100	20	60	150	100	35.5
SY-630/55A	LGJ-630/55	34.32						36.0
SY-800/55A	LGJ-800/55	38.40	125	22	65	170	125	40.0
SY-800/70A	LGJ-800/70	38.58						40.5
SY-800/100A	LGJ-800/100	38.98						40.5

引流板尺寸(a × L)可视工程顾客需求可改变。

## 2. 设备线夹 (SY压缩型B类-30°,C类-45°)

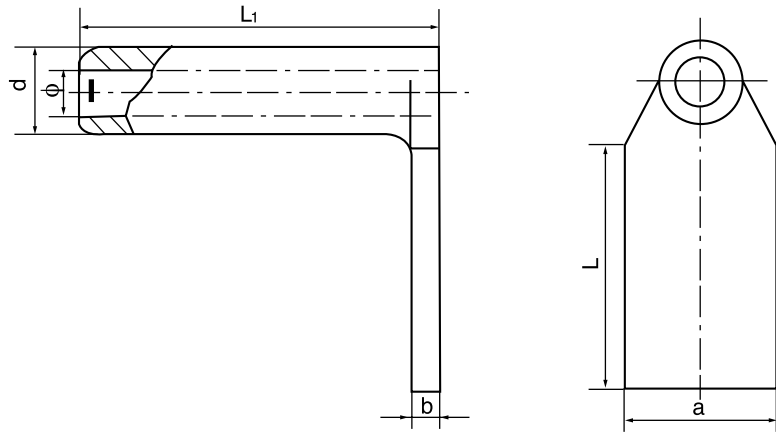
Terminal Connectors (Type SY, Compression, Group B-30°,C-45°)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)					
	型号Cat.No	外径 O.D(mm)	a	b	d	L1	L	φ
SY-35/6B(C)	LGJ-35/6	8.16	30	8	16	60	60	9.50
SY-50/8B(C)	LGJ-50/8	9.60	30	8	18	60	60	11.0
SY-70/10B(C)	LGJ-70/10	11.40	40	8	22	70	60	13.0
SY-95/15B(C)	LGJ-95/15	13.61	40	10	26	80	60	15.0
SY-120/7B(C)	LGJ-120/70	14.50	50	10	26	80	80	16.0
SY-120/20B(C)	LGJ-120/20	15.07						16.6
SY-150/8B(C)	LGJ-150/8	16.00	50	10	30	90	80	17.5
SY-150/20B(C)	LGJ-150/20	16.67						18.0
SY-185/10B(C)	LGJ-185/10	18.00	50	12	32	90	80	19.5
SY-185/25B(C)	LGJ-185/25	18.90						20.5
SY-185/30B(C)	LGJ-185/30	18.88						20.5
SY-210/10B(C)	LGJ-210/10	19.00	50	12	34	100	80	20.5
SY-210/25B(C)	LGJ-210/25	19.98						21.5
SY-240/30B(C)	LGJ-240/30	21.60	50	12	36	100	80	23.0
SY-240/40B(C)	LGJ-240/40	21.66						23.0
SY-300/15B(C)	LGJ-300/15	23.01	63	16	40	110	100	24.5
SY-300/20B(C)	LGJ-300/20	23.43						25.0
SY-300/25B(C)	LGJ-300/25	23.76						25.5
SY-300/40B(C)	LGJ-300/40	23.94						25.5
SY-400/20B(C)	LGJ-400/20	26.91	63	16	45	120	100	28.5
SY-400/25B(C)	LGJ-400/25	26.64						28.5
SY-400/35B(C)	LGJ-400/35	26.82						28.5
SY-400/50B(C)	LGJ-400/50	27.63						29.5
SY-400/65B(C)	LGJ-400/60	28.00						29.5
SY-500/35B(C)	LGJ-500/35	30.00	80	16	52	130	100	31.5
SY-500/45B(C)	LGJ-500/45	30.00						31.5
SY-500/65B(C)	LGJ-500/65	30.96						32.5
SY-630/45B(C)	LGJ-630/45	33.60	100	20	60	150	100	35.5
SY-630/55B(C)	LGJ-630/55	34.32						36.0
SY-800/55B(C)	LGJ-800/55	38.40	125	22	65	170	125	40.0
SY-800/70B(C)	LGJ-800/70	38.58						40.5
SY-800/100B(C)	LGJ-800/100	38.98						40.5

### 3. 设备线夹 (SY压缩型D类-90°)

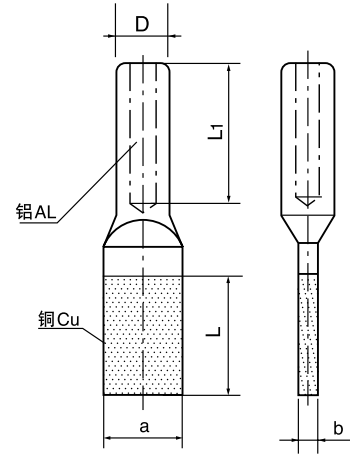
Terminal Connectors (Type SY, Compression, Group D)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)					
	型号Cat.No	外径 O.D(mm)	a	b	d	L1	L	φ
SY-120/7D	LGJ-120/70	14.50	50	10	26	115	80	16.0
SY-120/20D	LGJ-120/20	15.07						16.6
SY-150/8D	LGJ-150/8	16.00	50	10	30	125	80	17.5
SY-150/20D	LGJ-150/20	16.67						18.0
SY-185/10D	LGJ-185/10	18.00	50	12	32	125	80	19.5
SY-185/25D	LGJ-185/25	18.90						20.5
SY-185/30D	LGJ-185/30	18.88						20.5
SY-210/10D	LGJ-210/10	19.00	50	12	34	135	80	20.5
SY-210/25D	LGJ-210/25	19.98						21.5
SY-240/30D	LGJ-240/30	21.60	50	12	36	135	80	23.0
SY-240/40D	LGJ-240/40	21.66						23.0
SY-300/15D	LGJ-300/15	23.01	63	16	40	145	100	24.5
SY-300/20D	LGJ-300/20	23.43						25.0
SY-300/25D	LGJ-300/25	23.76						25.5
SY-300/40D	LGJ-300/40	23.94	63	16	45	155	100	25.5
SY-400/20D	LGJ-400/20	26.91						28.5
SY-400/25D	LGJ-400/25	26.64						28.5
SY-400/35D	LGJ-400/35	26.82						28.5
SY-400/50D	LGJ-400/50	27.63						29.5
SY-500/35D	LGJ-500/35	30.00						80
SY-500/45D	LGJ-500/45	30.00	31.5					
SY-630/45D	LGJ-630/45	33.60	100	20	60	185	100	35.5
SY-630/55D	LGJ-630/55	34.32						36.0
SY-800/55D	LGJ-800/55	38.40	125	22	65	210	125	40.0
SY-800/70D	LGJ-800/70	38.58						40.5
SY-800/100D	LGJ-800/100	38.98						40.5

## 4. 铜铝过渡设备线夹 (SYG压缩型A类)

Al-Cu Transition Connectors (Type SYG, Compression, Group A)

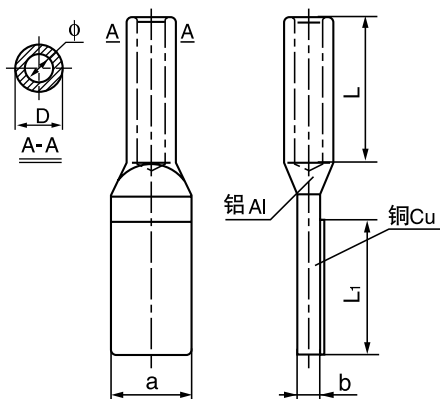


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SYG-50A	LGJ-50	40	5.0	18	60	60	0.2
SYG-70A	LGJ-70	40	5.0	22	70	80	0.3
SYG-95A	LGJ-95	40	5.0	26	80	80	0.3
SYG-120A	LGJ-120	50	8.0	26	80	85	0.5
SYG-150A	LGJ-150	50	8.0	32	90	85	0.6
SYG-185A	LGJ-185	50	8.0	32	90	85	0.6
SYG-120/7A	LGJ-120/7	50	6.3	26	80	80	0.3
SYG-120/20A	LGJ-120/20	50	6.3	26	80	80	0.3
SYG-150/8A	LGJ-150/8	50	6.3	30	90	80	0.3
SYG-150/20A	LGJ-150/20	50	6.3	30	90	80	0.3
SYG-185/10A	LGJ-185/10	50	6.3	32	90	80	0.4
SYG-185/25A	LGJ-185/25	50	6.3	32	90	80	0.4
SYG-185/30A	LGJ-185/30						
SYG-210/10A	LGJ-210/10	50	8.0	34	100	80	0.4
SYG-210/25A	LGJ-210/25	50	8.0	34	100	80	0.4
SYG-240/30A	LGJ-240/30	50	8.0	36	100	80	0.4
SYG-240/40A	LGJ-240/40						
SYG-300/15A	LGJ-300/15	63	10	40	110	100	0.7
SYG-300/20A	LGJ-300/20	63	10	40	110	100	0.7
SYG-300/25A	LGJ-300/25	63	10	40	110	100	0.7
SYG-300/40A	LGJ-300/40						
SYG-400/20A	LGJ-400/20	63	10	45	120	100	0.8
SYG-400/25A	LGJ-400/25						
SYG-400/35A	LGJ-400/35						
SYG-400/50A	LGJ-400/50	63	10	45	120	100	0.8
SYG-500/35A	LGJ-500/35	80	10	52	130	100	1.0
SYG-500/45A	LGJ-500/45						
SYG-500/65A	LGJ-500/65	80	10	52	130	100	1.0
SYG-630/45A	LGJ-630/45	100	10	60	150	100	1.6
SYG-630/55A	LGJ-630/55	100	10	60	150	100	1.6
SYG-630/80A	LGJ-630/80	100	10	60	150	100	1.6
SYG-800/55A	LGJ-800/55	125	12.5	65	170	125	2.9
SYG-800/70A	LGJ-800/70	125	12.5	65	170	125	2.9
SYG-800/100A	LGJ-800/100						



## 5. 铜铝过渡设备线夹 (覆铜搪锡A类)

Al-Cu Transition Connectors (Type SYG, Compression)

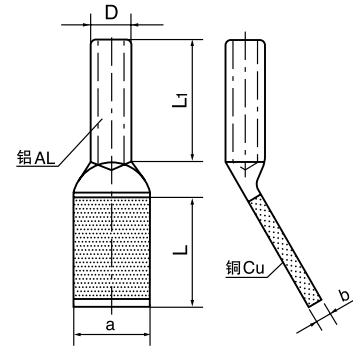


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Conductor Dimensions(mm)						参考重量 Weight (kg)
		a	L <sub>1</sub>	b	D	φ	L	
SYG-35/6AQ	LGJ-35/6	30	60	8	16	9.5	60	0.11
SYG-50/8AQ	LGJ-50/8	30	50	8	18	11.0	60	0.10
SYG-70/10AQ	LGJ-70/10	40	60	8	22	13.0	70	0.22
SYG-95/15AQ	LGJ-95/15	40	60	8	26	15.0	80	0.22
SYG-120/7AQ	LGJ-120/7	50	80	10	26	16.0	80	0.27
SYG-120/20AQ	LGJ-120/20	50	80	10	26	16.5	80	0.27
SYG-120/25AQ	LGJ-120/25	50	80	10	26	17.0	80	0.26
SYG-150/8AQ	LGJ-150/8	50	80	10	30	17.5	90	0.32
SYG-150/20AQ	LGJ-150/20	50	80	10	30	18.0	90	0.32
SYG-150/25AQ	LGJ-150/25	50	80	10	30	18.5	90	0.31
SYG-185/10AQ	LGJ-185/10	50	80	12	32	19.5	90	0.40
SYG-185/25AQ	LGJ-185/25	50	80	12	32	20.5	90	0.39
SYG-185/30AQ	LGJ-185/30	50	80	12	32	20.5	90	0.39
SYG-210/10AQ	LGJ-210/10	50	80	12	34	20.5	100	0.50
SYG-210/25AQ	LGJ-210/25	50	80	12	34	21.5	100	0.49
SYG-240/30AQ	LGJ-240/30	50	80	12	36	23.0	100	0.59
SYG-240/40AQ	LGJ-240/40	50	80	12	36	23.0	100	0.59
SYG-300/15AQ	LGJ-300/15	63	100	16	40	24.5	110	0.73
SYG-300/20AQ	LGJ-300/20	63	100	16	40	25.0	110	0.72
SYG-300/25AQ	LGJ-300/25	63	100	16	40	25.5	110	0.72
SYG-300/40AQ	LGJ-300/40	63	100	12	40	25.5	110	0.72
SYG-400/20AQ	LGJ-400/20	63	100	12	45	28.5	120	0.83
SYG-400/25AQ	LGJ-400/25	63	100	12	45	28.5	120	0.83
SYG-400/35AQ	LGJ-400/35	63	100	12	45	28.5	120	0.83
SYG-400/50AQ	LGJ-400/50	63	100	12	45	29.5	120	0.80
SYG-500/35AQ	LGJ-500/35	80	80	16	52	31.5	130	1.08
SYG-500/45AQ	LGJ-500/45	80	80	16	52	31.5	130	1.08
SYG-500/65AQ	LGJ-500/65	80	80	16	52	32.5	130	1.07
SYG-630/45AQ	LGJ-630/45	100	100	20	60	35.5	150	1.75
SYG-630/55AQ	LGJ-630/55	100	100	20	60	36.0	150	1.71
SYG-630/80AQ	LGJ-630/80	100	100	20	60	36.5	150	1.70
SYG-800/55AQ	LGJ-800/55	125	125	22	65	40.0	170	2.66
SYG-800/70AQ	LGJ-800/70	125	125	22	65	40.5	170	2.56
SYG-800/100AQ	LGJ-800/100	125	125	22	65	40.5	170	2.56

注: SYG-35/6A至SYG-400/50A为挤压成形。

## 6. 铜铝过渡设备线夹 (SYG压缩型B类)

Al-Cu Transition Connectors (Type SYG, Compression, Group B)



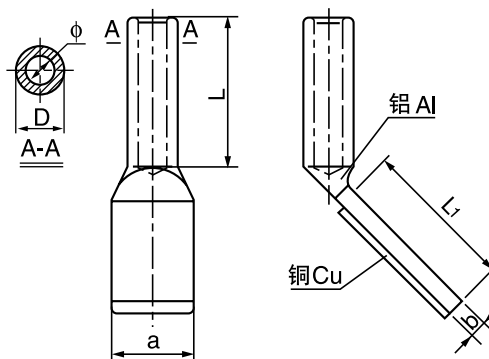
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Conductor Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SYG-50B	LGJ-50	40	5.0	18	60	60	0.2
SYG-70B	LGJ-70	40	5.0	22	70	80	0.3
SYG-95B	LGJ-95	40	5.0	26	80	80	0.3
SYG-120B	LGJ-120	50	8.0	26	80	85	0.5
SYG-150B	LGJ-150	50	8.0	32	90	85	0.6
SYG-185B	LGJ-185	50	8.0	32	90	85	0.6
SYG-120/7B	LGJ-120/7	50	6.3	26	80	80	0.3
SYG-120/20B	LGJ-120/20	50	6.3	26	80	80	0.3
SYG-150/8B	LGJ-150/8	50	6.3	30	90	80	0.3
SYG-150/20B	LGJ-150/20	50	6.3	30	90	80	0.3
SYG-185/10B	LGJ-185/10	50	6.3	32	90	80	0.4
SYG-185/25B	LGJ-185/25	50	6.3	32	90	80	0.4
SYG-185/30B	LGJ-185/30						
SYG-210/10B	LGJ-210/10	50	8.0	34	100	80	0.4
SYG-210/25B	LGJ-210/25	50	8.0	34	100	80	0.4
SYG-240/30B	LGJ-240/30	50	8.0	36	100	80	0.4
SYG-240/40B	LGJ-240/40						
SYG-300/15B	LGJ-300/15	63	10	40	110	100	0.7
SYG-300/20B	LGJ-300/20	63	10	40	110	100	0.7
SYG-300/25B	LGJ-300/25	63	10	40	110	100	0.7
SYG-300/40B	LGJ-300/40						
SYG-400/20B	LGJ-400/20	63	10	45	120	100	0.8
SYG-400/25B	LGJ-400/25						
SYG-400/35B	LGJ-400/35						
SYG-400/50B	LGJ-400/50	63	10	45	120	100	0.8
SYG-500/35B	LGJ-500/35	80	10	52	130	100	1.0
SYG-500/45B	LGJ-500/45						
SYG-500/65B	LGJ-500/65	80	10	52	130	100	1.0
SYG-630/45B	LGJ-630/45	100	10	60	150	100	1.6
SYG-630/55B	LGJ-630/55	100	10	60	150	100	1.6
SYG-630/80B	LGJ-630/80	100	10	60	150	100	3
SYG-800/55B	LGJ-800/55	125	12.5	65	170	125	3.1
SYG-800/70B	LGJ-800/70	125	12.5	65	170	125	3.1
SYG-800/100B	LGJ-800/100						

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SYG-400/35B(a×L)。

If the dimensions of "a" and "L" have changed, please indicate the value of a×L when place the order. For example: SYG-400/35B(a×L).

## 7. 铜铝过渡设备线夹 (覆铜搪锡B类)

Al-Cu Transition Connectors (Type SYG, Compression, Group B)

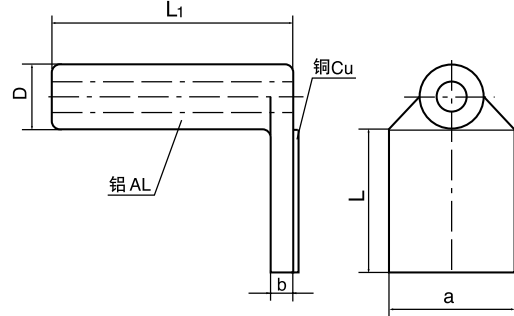


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Conductor Dimensions(mm)						参考重量 Weight (kg)
		a	L <sub>1</sub>	b	D	φ	L	
SYG-35/6BQ	LGJ-35/6	30	60	8	16	9.5	60	0.11
SYG-50/8BQ	LGJ-50/8	30	60	8	18	11.0	60	0.10
SYG-70/10BQ	LGJ-70/10	40	60	8	22	13.0	70	0.22
SYG-95/15BQ	LGJ-95/15	40	60	10	26	15.0	80	0.22
SYG-120/7BQ	LGJ-120/7	50	80	10	26	16.0	80	0.27
SYG-120/20BQ	LGJ-120/20	50	80	10	26	16.5	80	0.27
SYG-120/25BQ	LGJ-120/25	50	80	10	26	17.0	80	0.26
SYG-150/8BQ	LGJ-150/8	50	80	10	30	17.5	90	0.32
SYG-150/20BQ	LGJ-150/20	50	80	10	30	18.0	90	0.32
SYG-150/25BQ	LGJ-150/25	50	80	10	30	18.5	90	0.31
SYG-185/10BQ	LGJ-185/10	50	80	12	32	19.5	90	0.40
SYG-185/25BQ	LGJ-185/25	50	80	12	32	20.5	90	0.39
SYG-185/30BQ	LGJ-185/30	50	80	12	32	20.5	90	0.39
SYG-210/10BQ	LGJ-210/10	50	80	12	34	20.5	100	0.50
SYG-210/25BQ	LGJ-210/25	50	80	12	34	21.5	100	0.49
SYG-240/30BQ	LGJ-240/30	50	80	12	36	23.0	100	0.59
SYG-240/40BQ	LGJ-240/40	50	80	12	36	23.0	100	0.59
SYG-300/15BQ	LGJ-300/15	63	100	16	40	24.5	110	0.73
SYG-300/20BQ	LGJ-300/20	63	100	16	40	25.0	110	0.72
SYG-300/25BQ	LGJ-300/25	63	100	16	40	25.5	110	0.72
SYG-300/40BQ	LGJ-300/40	63	100	16	40	25.5	110	0.72
SYG-400/20BQ	LGJ-400/20	63	100	16	45	28.5	120	0.83
SYG-400/25BQ	LGJ-400/25	63	100	16	45	28.5	120	0.83
SYG-400/35BQ	LGJ-400/35	63	100	16	45	28.5	120	0.83
SYG-400/50BQ	LGJ-400/50	63	100	16	45	29.5	120	0.80
SYG-500/35BQ	LGJ-500/35	80	80	16	52	31.5	130	1.08
SYG-500/45BQ	LGJ-500/45	80	80	16	52	31.5	130	1.08
SYG-500/65BQ	LGJ-500/65	80	80	16	52	32.5	130	1.07
SYG-630/45BQ	LGJ-630/45	100	100	20	60	35.5	150	1.75
SYG-630/55BQ	LGJ-630/55	100	100	20	60	36.0	150	1.71
SYG-630/80BQ	LGJ-630/80	100	100	20	60	36.5	150	1.70
SYG-800/55BQ	LGJ-800/55	125	125	22	65	40.0	170	2.66
SYG-800/70BQ	LGJ-800/70	125	125	22	65	40.5	170	2.56
SYG-800/100BQ	LGJ-800/100	125	125	22	65	40.5	170	2.56

注: SYG-35/6A至SYG-400/50A为挤压成形。

## 8. 铜铝过渡设备线夹 (SYG压缩型CQ类覆铜搪锡)

Al-Cu Transition Connectors (Type SYG, Compression, Group CQ)



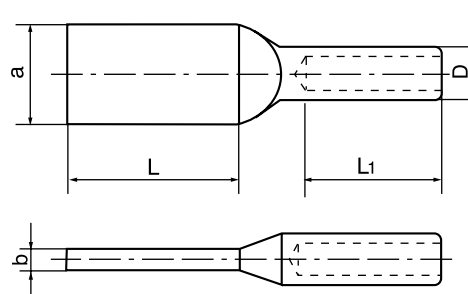
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SYG-50CQ	LGJ-50	40	8.0	18	60	60	0.2
SYG-70CQ	LGJ-70	40	8.0	22	70	80	0.3
SYG-95CQ	LGJ-95	40	8.0	26	80	80	0.3
SYG-120CQ	LGJ-120	50	10	26	80	85	0.5
SYG-150CQ	LGJ-150	50	10	32	90	85	0.6
SYG-185CQ	LGJ-185	50	12	32	90	85	0.6
SYG-120/7CQ	LGJ-120/7	50	12	26	80	80	0.3
SYG-120/20CQ	LGJ-120/20	50	10	26	80	80	0.3
SYG-150/8CQ	LGJ-150/8	50	10	30	90	80	0.3
SYG-150/20CQ	LGJ-150/20	50	10	30	90	80	0.3
SYG-185/10CQ	LGJ-185/10	50	12	32	90	80	0.4
SYG-185/25CQ	LGJ-185/25	50	12	32	90	80	0.4
SYG-185/30CQ	LGJ-185/30						
SYG-210/10CQ	LGJ-210/10	50	12	34	100	80	0.4
SYG-210/25CQ	LGJ-210/25	50	12	34	100	80	0.4
SYG-240/30CQ	LGJ-240/30	50	12	36	100	80	0.4
SYG-240/40CQ	LGJ-240/40						
SYG-300/15CQ	LGJ-300/15	63	16	40	110	100	0.7
SYG-300/20CQ	LGJ-300/20	63	16	40	110	100	0.7
SYG-300/25CQ	LGJ-300/25	63	16	40	110	100	0.7
SYG-300/40CQ	LGJ-300/40						
SYG-400/20CQ	LGJ-400/20	63	16	45	120	100	0.8
SYG-400/25CQ	LGJ-400/25						
SYG-400/35CQ	LGJ-400/35						
SYG-400/50CQ	LGJ-400/50	63	16	45	120	100	0.8
SYG-500/35CQ	LGJ-500/35	80	16	52	130	100	1.0
SYG-500/45CQ	LGJ-500/45						
SYG-500/65CQ	LGJ-500/65	80	16	52	130	100	1.0
SYG-630/45CQ	LGJ-630/45	100	20	60	150	100	1.6
SYG-630/55CQ	LGJ-630/55	100	20	60	150	100	1.6
SYG-630/80CQ	LGJ-630/80	100	20	60	150	100	1.6
SYG-800/55CQ	LGJ-800/55	125	22	65	175	125	2.9
SYG-800/70CQ	LGJ-800/70	125	22	65	175	125	2.9
SYG-800/100CQ	LGJ-800/100						

尺寸a和L如有变化, 请用户在订货时注明a × L值, 如SYG-400/35C(a × L)。

If the dimensions of "a" and "L" have changed, please indicate the value of a × L when place the order. For example: SYG-400/35C(a × L).

### 9. 耐热导线设备线夹 (SY型A类)

Terminal Connectors for Heat-resistant Conductor (Type SY, Group A)



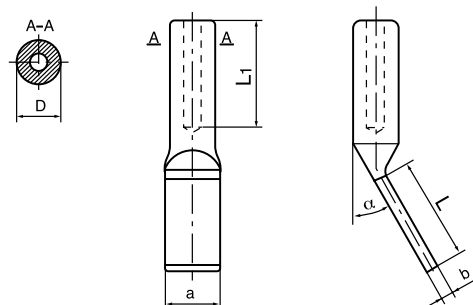
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SY-210/10NA	NRLH <sub>58/60</sub> GJ-210/10	63	16	45	120	100	0.8
SY-240/30NA	NRLH <sub>58/60</sub> GJ-240/30	65	16	45	150	100	1.0
SY-300/50NA	NRLH <sub>58/60</sub> GJ-300/50	100	20	50	170	100	1.5
SY-400/50NA	NRLH <sub>58/60</sub> GJ-400/50	100	20	55	180	120	1.6
SY-500/35NA	NRLH <sub>58/60</sub> GJ-500/35	120	22	60	180	130	2.0
SY-500/65NA	NRLH <sub>58/60</sub> GJ-500/65	125	22	60	180	130	2.0
SY-630/45NA	NRLH <sub>58/60</sub> GJ-630/45	125	22	70	200	130	3.2
SY-630/80NA	NRLH <sub>58/60</sub> GJ-630/80	125	22	70	200	130	3.2
SY-800/55NA	NRLH <sub>58/60</sub> GJ-800/55	125	22	72	200	160	4.5

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SY-400/35NA(a×L)。

If the dimensions of "a" and "L" have changed, please indicate the value of a×L when place the order. For example: SY-400/35NA(a×L).

### 10. 耐热导线设备线夹 (SY型B类)

Terminal Connectors for Heat-resistant Conductor (Type SY, Group B)



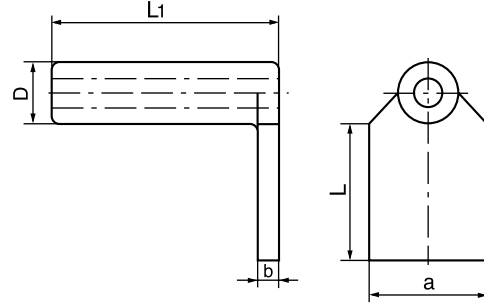
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	α	
SY-210/10NB	NRLH <sub>58/60</sub> GJ-210/10	63	16	45	120	105	30°	1.4
SY-300/50NB <sub>1</sub>	NRLH <sub>58/60</sub> GJ-300/50	100	20	50	170	105	45°	1.5
SY-400/50NB	NRLH <sub>58/60</sub> GJ-400/50	100	20	55	180	105	30°	1.6
SY-400/50NB <sub>1</sub>	NRLH <sub>58/60</sub> GJ-400/50	100	20	55	180	105	45°	1.6
SY-500/35NB	NRLH <sub>58/60</sub> GJ-500/35	120	22	60	180	135	30°	2.0
SY-500/65NB	NRLH <sub>58/60</sub> GJ-500/65	120	22	60	180	135	30°	2.0
SY-630/45NB	NRLH <sub>58/60</sub> GJ-630/45	125	22	70	200	135	30°	3.2
SY-630/80NB	NRLH <sub>58/60</sub> GJ-630/80	125	22	70	200	135	30°	3.2

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SY-400/35NB(a×L)。

If the dimensions of "a" and "L" have changed, please indicate the value of a×L when place the order. For example: SY-400/35NB(a×L).

## 11. 耐热导线设备线夹 (SY型C类)

Terminal Connectors for Heat-resistant Conductor (Type SY, Group C)



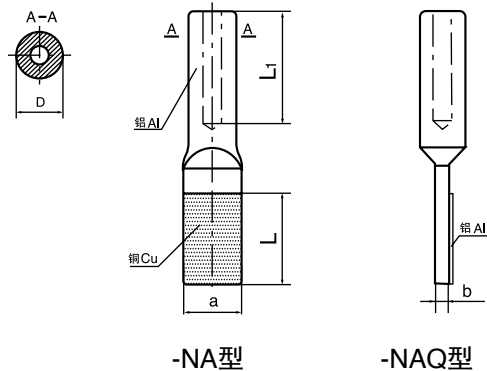
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SY-210/10NC	NRLH <sup>58</sup> <sub>60</sub> GJ-210/10	63	16	45	150	105	1.8
SY-300/50NC	NRLH <sup>58</sup> <sub>60</sub> GJ-300/50	100	18	50	200	105	1.8
SY-400/50NC	NRLH <sup>58</sup> <sub>60</sub> GJ-400/50	100	20	55	200	120	2.0
SY-500/35NC	NRLH <sup>58</sup> <sub>60</sub> GJ-500/35	125	22	60	240	130	2.2
SY-500/65NC	NRLH <sup>58</sup> <sub>60</sub> GJ-500/65	125	22	60	240	130	2.2
SY-630/45NC	NRLH <sup>58</sup> <sub>60</sub> GJ-630/45	125	22	70	250	135	3.4
SY-630/80NC	NRLH <sup>58</sup> <sub>60</sub> GJ-630/80	125	22	70	250	135	3.4

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SY-400/35NC(a×L)。

If the dimensions of "a" and "L" have changed, please indicate the value of a×L when place the order. For example: SY-400/35NC(a×L).

## 12. 耐热导线铜铝过渡设备线夹 (SYG型A类)

Al-Cu Transition Connectors for heat-resistant Conductor (Type SYG, Group A)

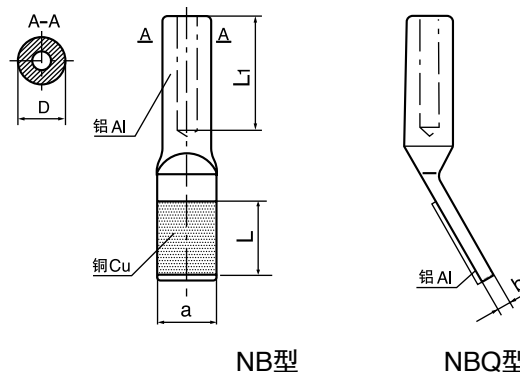


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SYG-210/10NA	NRLH <sup>58</sup> <sub>60</sub> GJ-210/10	63	16	45	120	105	1.4
SYG-300/50NA	NRLH <sup>58</sup> <sub>60</sub> GJ-300/50	100	20	50	170	110	1.5
SYG-400/50NA	NRLH <sup>58</sup> <sub>60</sub> GJ-400/50	100	20	55	200	120	1.6
SYG-500/35NA	NRLH <sup>58</sup> <sub>60</sub> GJ-500/35	125	22	60	220	120	2.0
SYG-500/65NA	NRLH <sup>58</sup> <sub>60</sub> GJ-500/65	125	22	60	220	120	2.0
SYG-630/45NA	NRLH <sup>58</sup> <sub>60</sub> GJ-630/45	125	22	70	240	130	3.2
SYG-630/80NA	NRLH <sup>58</sup> <sub>60</sub> GJ-630/80	125	22	70	240	130	3.2

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SYG-400/50NA(a×L)。附铜铝复合片或采用复铜搪锡工艺产品型号添加“Q”例如SYG-400/50NAQ。

### 13. 耐热导线铜铝过渡设备线夹 (SYG型B类)

Al-Cu Transition Connectors for heat-resistant Conductor (Type SYG, Group B)

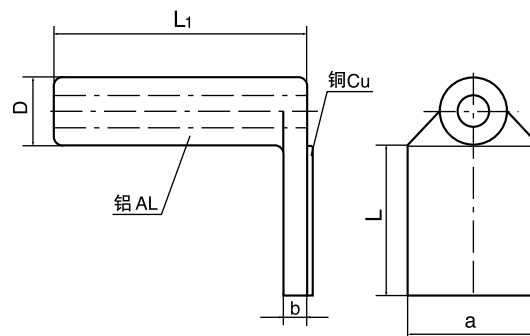


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SYG-210/10NB	NRLH <sup>58</sup> <sub>60</sub> GJ-210/10	63	16	45	120	105	1.4
SYG-300/50NB	NRLH <sup>58</sup> <sub>60</sub> GJ-300/50	100	18	50	170	110	1.5
SYG-400/50NB	NRLH <sup>58</sup> <sub>60</sub> GJ-400/50	100	20	55	200	110	1.6
SYG-500/35NB	NRLH <sup>58</sup> <sub>60</sub> GJ-500/35	125	22	60	220	125	2.0
SYG-500/65NB	NRLH <sup>58</sup> <sub>60</sub> GJ-500/65	125	22	60	220	125	2.0
SYG-630/45NB	NRLH <sup>58</sup> <sub>60</sub> GJ-630/45	125	22	70	240	135	3.2
SYG-630/80NB	NRLH <sup>58</sup> <sub>60</sub> GJ-630/80	125	22	70	240	135	3.2

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SYG-400/50NB(a×L)。附铜铝复合片,或采用复铜搪锡工艺产品型号添加“Q”  
例如SYG-400/50NBQ。

### 14. 耐热导线铜铝过渡设备线夹 (SYG型C类)

Al-Cu Transition Connectors for heat-resistant Conductor (Type SYG, Group C)

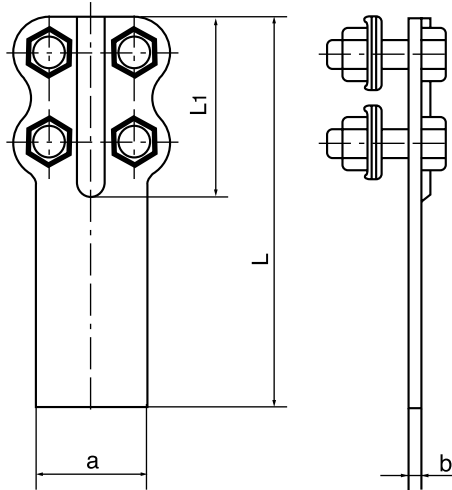


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		a	b	D	L <sub>1</sub>	L	
SYG-210/10NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-210/10	63	16	45	150	105	1.6
SYG-300/50NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-300/50	100	18	50	200	110	1.8
SYG-400/50NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-400/50	100	20	55	220	110	1.6
SYG-500/35NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-500/35	125	22	60	240	125	2.2
SYG-500/65NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-500/65	125	22	60	240	125	2.2
SYG-630/45NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-630/45	125	22	70	250	135	3.4
SYG-630/80NCQ	NRLH <sup>58</sup> <sub>60</sub> GJ-630/80	125	22	70	250	135	3.4

尺寸a和L如有变化, 请用户在订货时注明a×L值, 如SYG-400/50NC(a×L)。附铜铝复合片,采用复铜搪锡工艺产品型号添加“Q”。

## 15. 螺栓型设备线夹 (SL型A类)

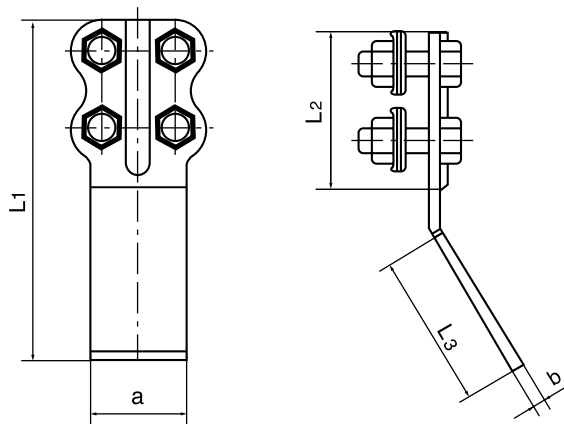
Terminal Connectors (Type SL, Bolted, Group A)



型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	螺栓个数 Bolt Qty (pc.)	主要尺寸 Dimensions (mm)				参考重量 Weight (kg)
			a	b	L <sub>1</sub>	L	
SL-1A	8.40~9.60	4	40	6	65	145	0.3
SL-2A	11.40~13.68	4	40	6	80	175	0.4
SL-3A	15.20~16.72	6	50	8	125	225	0.5
SL-4A	19.02~21.28	6	50	8	125	225	0.5

## 16. 螺栓型设备线夹 (SL型B类)

Terminal Connectors (Type SL, Bolted, Group B)

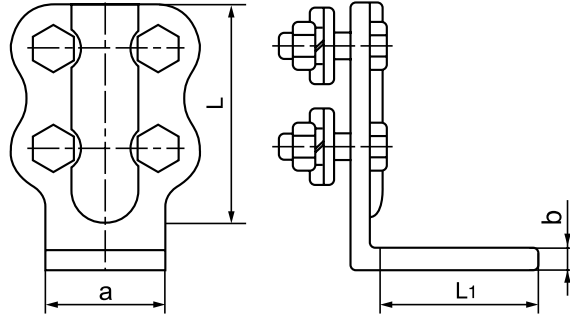


型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	螺栓个数 Bolt Qty (pc.)	主要尺寸 Dimensions (mm)					参考重量 Weight (kg)
			a	b	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	
SL-1B	8.40~9.60	4	40	6	145	65	65	0.3
SL-2B	11.40~18.68	4	40	6	175	80	80	0.4
SL-3B	15.20~16.72	6	50	8	225	125	85	0.5
SL-4B	19.02~21.28	6	50	8	225	125	85	0.6



17. 螺栓型设备线夹 (SL型C类)

Terminal Clamps (Type SL, Bolted, Group C)



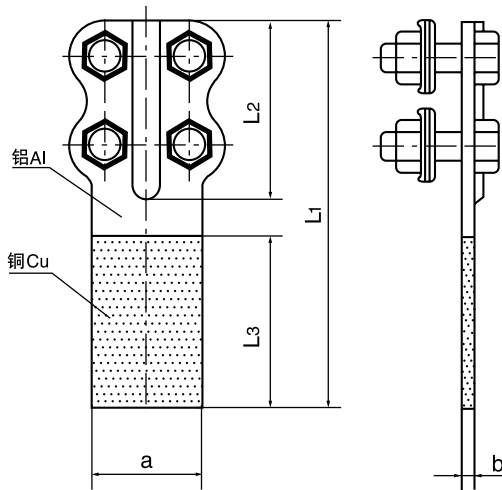
型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	主要尺寸 Dimensions (mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SL-1C	35~50	40	65	6	65	0.34
SL-2C	70~95	40	80	6	80	0.38
SL-3C	120~150	50	85	8	125	0.61
SL-4C	185~240	50	85	8	125	0.64

线夹本体为铝件，其余为热镀锌钢件。

Clamp bodies are made of aluminium. the other parts are steel and hot-dip galvanized.

18. 螺栓型铜铝过渡设备线夹 (SLG型A类)

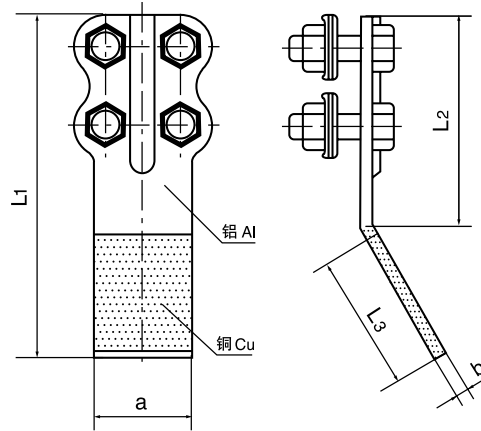
Al-Cu Transition Connectors (Type SLG, Bolted, Group A)



型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	螺栓个数 Bolt Qty (pc.)	主要尺寸 Dimensions (mm)					参考重量 Weight (kg)
			a	b	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	
SLG-1A	8.40~9.60	4	40	6.3	145	65	65	0.4
SLG-2A	11.00~13.68	4	40	6.3	175	80	80	0.5
SLG-3A	15.20~16.72	6	50	6.3	225	125	85	0.7
SLG-4A	19.02~21.28	6	50	6.3	225	125	85	0.75

## 19. 螺栓型铜铝过渡设备线夹 (SLG型B类)

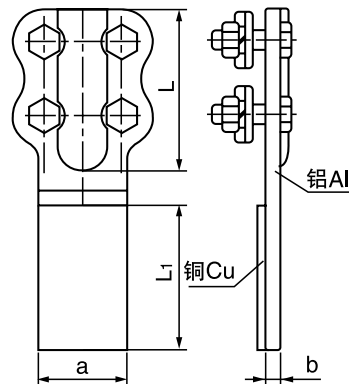
Al-Cu Transition Connectors (Type SLG, Bolted, Group B)



型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	螺栓个数 Bolt Qty (pc.)	主要尺寸 Dimensions (mm)					参考重量 Weight (kg)
			a	b	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	
SLG-1B	8.40~9.60	4	40	6.3	145	65	65	0.4
SLG-2B	11.40~13.68	4	40	6.3	175	80	80	0.5
SLG-3B	15.20~16.72	6	50	6.3	225	125	85	0.7
SLG-4B	19.02~21.28	6	50	6.3	225	125	85	0.75

## 20. 铜铝过渡设备线夹 (0° 覆铜搪锡, SLG-AQ螺栓型)

Aluminium-Copper Terminal Clamps (Type SLG-AQ, Bolted, Group 0)



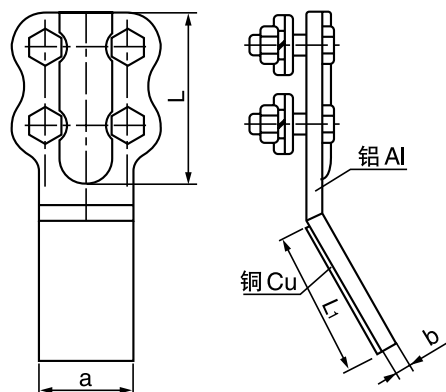
型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	主要尺寸 Dimensions (mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLG-1AQ	35~50	40	65	6	65	0.38
SLG-2AQ	70~95	40	80	6	80	0.43
SLG-3AQ	120~150	50	85	8	125	0.69
SLG-4AQ	185~240	50	85	8	125	0.78

线夹本体为铝件, 其余为热镀锌钢件。

Clamp bodies are made of aluminium. the other parts are steel and hot-dip galvanized.

## 21. 铜铝过渡设备线夹 (30° 覆铜搪锡 SLG-BQ螺栓型)

Aluminium-Copper Terminal Clamps (Type SLG-BQ, Bolted, Group 30)



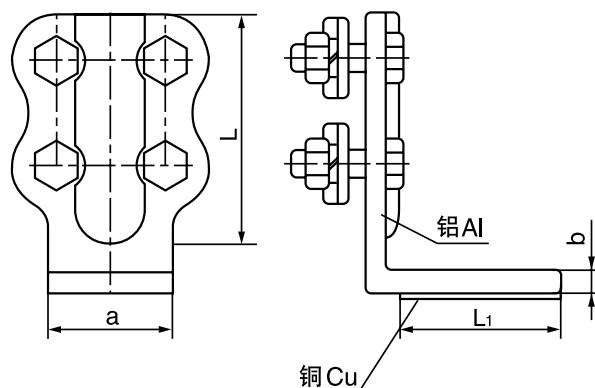
型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	主要尺寸 Dimensions (mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLG-1BQ	35~50	40	65	6	65	0.38
SLG-2BQ	70~95	40	80	6	80	0.43
SLG-3BQ	120~150	50	85	8	125	0.69
SLG-4BQ	185~240	50	85	8	125	0.78

线夹本体为铝件，其余为热镀锌钢件。

Clamp bodies are made of aluminium. the other parts are steel and hot-dip galvanized.

## 22. 铜铝过渡设备线夹 (90° 覆铜搪锡 SLG-CQ螺栓型)

Aluminium-Copper Terminal Clamps (Type SLG-CQ, Bolted, Group 90)



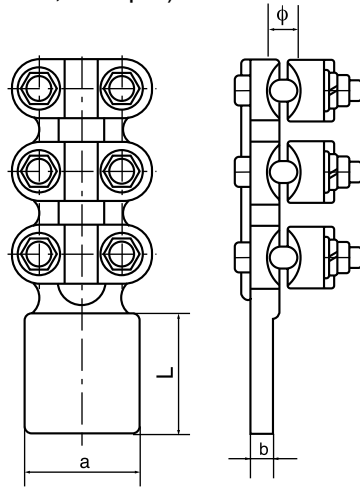
型号 Catalog No.	适用导线直径 Suitable Conductor Dia.(mm)	主要尺寸 Dimensions (mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLG-1CQ	35~50	40	65	6	65	0.38
SLG-2CQ	70~95	40	80	6	80	0.43
SLG-3CQ	120~150	50	85	8	125	0.69
SLG-4CQ	185~240	50	85	8	125	0.78

线夹本体为铝件，其余为热镀锌钢件。

Clamp bodies are made of aluminium. the other parts are steel and hot-dip galvanized.

**23. 螺栓型设备线夹 (SL型A类)**

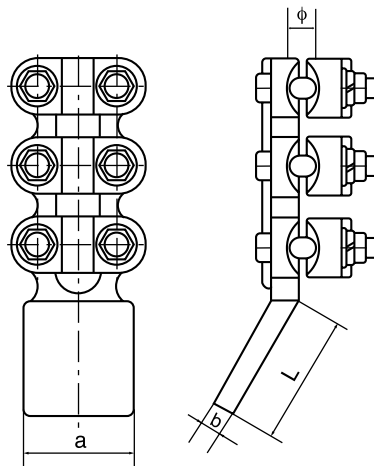
Terminal Connectors (Type SL, Bolted, Group A)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
	型号 Catalog No.	外径 O.D(mm)	a	L	b	$\phi$	
SL-3A-80	LGJ-120~150	14.5~17.5	80	100	10	17	1.8
SL-4A-80	LGJ-185~240	18.9~21.4	80	100	10	22	2.0
SL-5A-80	LGJ-300~400	23.0~28.0	80	100	16	28	2.1
SL-6A-100	LGJ-500~630	30.0~34.5	100	100	16	35	2.4

**24. 螺栓型设备线夹 (SL型B类)**

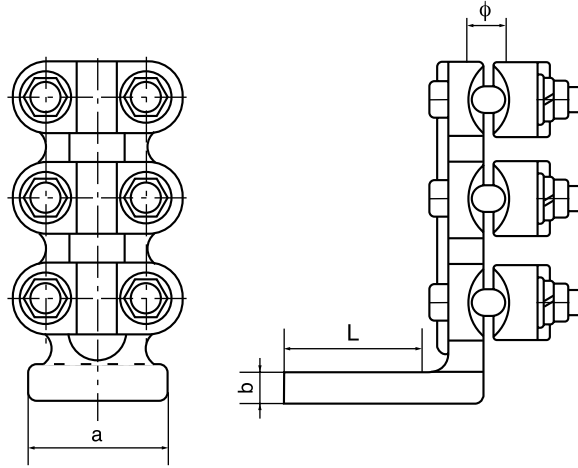
Terminal Connectors (Type SL, Bolted, Group B)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
	型号 Catalog No.	外径 O.D(mm)	a	L	b	$\phi$	
SL-3B-80	LGJ-120~150	14.5~17.5	80	85	10	17	1.8
SL-4B-80	LGJ-185~240	18.9~21.4	80	85	10	22	2.0
SL-5B-80	LGJ-300~400	23.0~28.0	80	85	16	28	2.1
SL-6B-100	LGJ-500~630	30.0~34.5	100	105	16	35	2.4

25. 螺栓型设备线夹 (SL型C类)

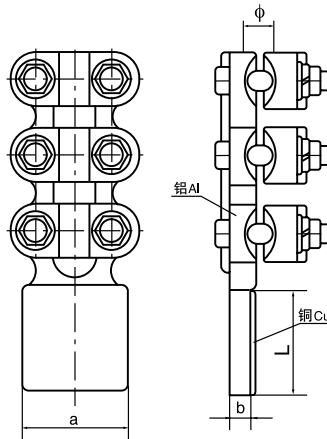
Terminal Connectors (Type SL, Bolted, Group C)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
	型号 Catalog No.	外径 O.D(mm)	a	L	b	φ	
SL-3C-80	LGJ-120~150	14.5~17.5	80	85	10	17	1.8
SL-4C-80	LGJ-185~240	18.9~21.4	80	85	10	22	2.0
SL-5C-80	LGJ-300~400	23.0~28.0	80	85	14	28	2.1
SL-6C-100	LGJ-500~630	30.0~34.5	100	105	16	35	2.4

26. 螺栓型铜铝过渡设备线夹 (SLG型AQ类 覆铜搪锡)

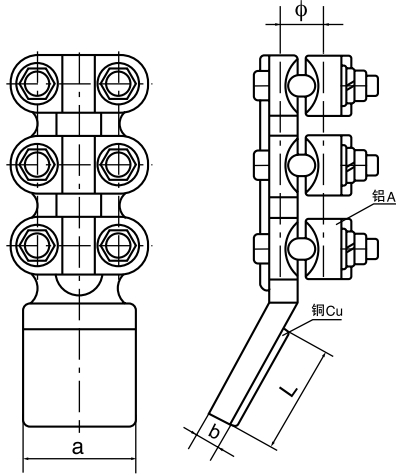
Al-Cu Transition Connectors (Type SLG, Bolted, Group A, With Al-Cu Bi-metal plates)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
	型号 Catalog No.	外径 O.D(mm)	a	L	b	φ	
SLG-3AQ-80	LGJ-120~150	14.5~17.5	80	85	10	17	1.9
SLG-4AQ-80	LGJ-185~240	18.9~21.4	80	85	10	22	2.1
SLG-5AQ-80	LGJ-300~400	23.0~28.0	80	85	14	28	2.2
SLG-6AQ-100	LGJ-500~630	30.0~34.5	100	105	16	35	2.5

## 27. 螺栓型铜铝过渡设备线夹 (SLG型BQ类 覆铜搪锡)

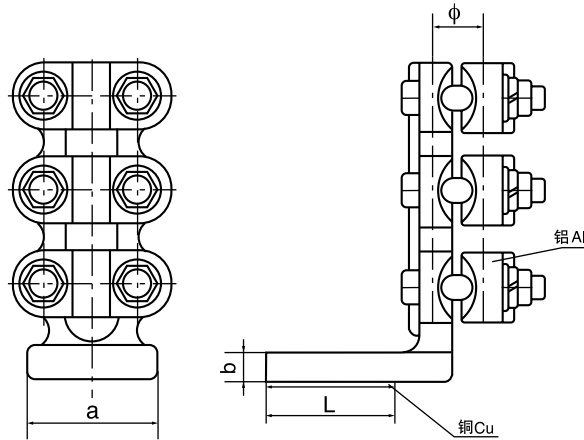
Al-Cu Transition Connectors (TypeSLG, Bolted, Group B, With Al-Cu Bi-metal plates)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
	型号 Catalog No.	外径 O.D.(mm)	a	L	b	φ	
SLG-3BQ-80	LGJ-120~150	14.5~17.5	80	85	10	17	1.9
SLG-4BQ-80	LGJ-185~240	18.9~21.4	80	85	10	22	2.1
SLG-5BQ-80	LGJ-300~400	23.0~28.0	80	85	14	28	2.2
SLG-6BQ-100	LGJ-500~630	30.0~34.5	100	105	16	35	2.5

## 28. 螺栓型铜铝过渡设备线夹 (SLG型CQ类 覆铜搪锡)

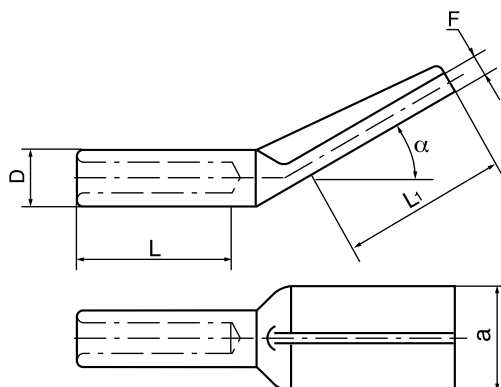
Al-Cu Transition Connectors (TypeSLG, Bolted, Group C, With Al-Cu Bi-metal plates)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
	型号 Catalog No.	外径 O.D.(mm)	a	L	b	φ	
SLG-3CQ-80	LGJ-120~150	14.5~17.5	80	85	10	17	1.9
SLG-4CQ-80	LGJ-185~240	18.9~21.4	80	85	10	22	2.1
SLG-5CQ-80	LGJ-300~400	23.0~28.0	80	85	14	28	2.2
SLG-6CQ-100	LGJ-500~630	30.0~34.5	100	105	16	35	2.5

## 29. 大截面导线设备线夹 (SY压缩型)

Terminal Connectors for Large Cross-sectional Conductor (Type SY, Compression Type)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions (mm)						参考重量 Weight (kg)	备注 Remarks
		a	L <sub>1</sub>	D	F	L	α		
SY-10KA-2 (SY-600KA-120)	LGKK-600	120	120	76	22(20)	200(180)	0°	4.7(4.3)	带芯棒 with core rod
SY-10KB-2 (SY-600KB-120)					22(26)	200(150)	30°	4.7(4.9)	
SY-10KC-2 (SY-600KB <sub>1</sub> -120)					26	200(150)	45°	5.0(4.9)	
SY-10KD-2 (SY-600KC-120)					30	200(180)	90°	5.2(5.1)	
SY-10KA-4 (SY-600KA-150)	LGKK-600	150	150	76	22	200	0°	4.9	带芯棒 with core rod
SY-10KB-4 (SY-600KB-150)					22	200	30°	4.9	
SY-10KC-4 (SY-600KB <sub>1</sub> -150)					26	200	45°	5.0	
SY-10KD-4 (SY-600KC-150)					30	200	90°	5.2	
SY-9KA-3 (SY-900KA-105)	LGKK-900	125(105)	125(105)	75	22(20)	200(180)	0°	4.7(4.4)	带芯棒 with core rod
SY-9KB-3 (SY-900KB-105)					22(20)	200(160)	30°	4.7(4.3)	
SY-9KC-3 (SY-900KB <sub>1</sub> -105)					26(20)	200	45°	4.9(4.5)	
SY-9KD-3 (SY-900KC-105)					30(20)	200	90°	5.1(4.5)	
SY-10A-3 (SY-1400A-120)	LGJQT-1400	125(120)	125(120)	76	22(20)	200(180)	0°	4.2(4.0)	
SY-10B-3 (SY-1400B-120)					22(26)	200(150)	30°	4.2(4.2)	
SY-10C-3 (SY-1400B <sub>1</sub> -120)					26	200(150)	45°	4.3(4.2)	
SY-10D3 (SY-1400C-120)					30	200(180)	90°	4.5(4.4)	
SY-10A-4 (SY-1400A-150)	LGJQT-1400	150	150	76	22	200	0°	4.3	
SY-10B-4 (SY-1400B-150)					22	200	30°	4.3	
SY-10C-4 (SY-1400B <sub>1</sub> -150)					26	200	45°	4.4	
SY-10D-4 (SY-1400C-150)					30	200	90°	4.6	
SY-10NA-3 (SY-1440NA-125)	NAHLGJQ-1440	125	125	80	22	240	0°	4.6	
SY-10NB-3 (SY-1440NB-125)					22	240	30°	4.6	
SY-10NC-3 (SY-1440NB <sub>1</sub> -125)					26	240	45°	4.8	
SY-10ND-3 (SY-1440NC-125)					30	240	90°	5.2	
SY-10NA-4 (SY-1440NA-150)	NAHLGJQ-1440	150	150	80	22(26)	240	0°	4.6(4.7)	
SY-10NB-4 (SY-1440NB-150)					22(26)	240	30°	4.6(4.8)	
SY-10NC-4 (SY-1440NB <sub>1</sub> -150)					26	240	45°	4.8(4.8)	
SY-10ND-4 (SY-1440NC-150)					30(26)	240	90°	5.2(4.9)	

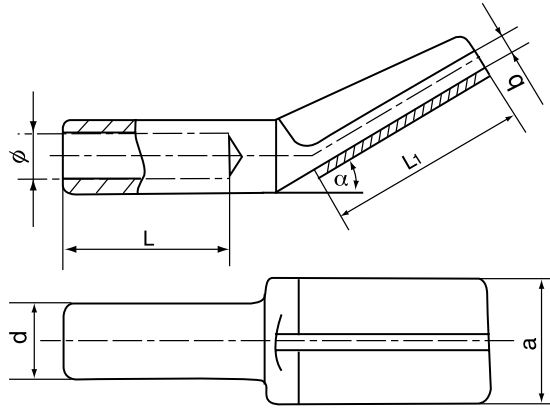
尺寸a和L<sub>1</sub>如有变化, 订货时注明a × L<sub>1</sub>值, 如SY-1400A(a × L<sub>1</sub>)。芯棒为热镀锌钢制件。括号 ( ) 内型号对应括号 ( ) 内尺寸。

If the dimensions of "a" and "L<sub>1</sub>" have changed, please indicate the value of a × L<sub>1</sub> when place the order. For example: SY-1400A(a × L<sub>1</sub>).

The material of the core rod is hot-dip galvanized steel. Inside brackets of catalog NO. correspond inside brackets of dimensions.

## 30. 大截面导线铜铝过渡设备线夹 (SYG压缩型)

Al-Cu Transition Connectors for Large Cross-sectional Conductor (SYG Compression Type)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions (mm)							参考重量 Weight (kg)
		$\alpha$	a	$L_1$	d	b	L	$\phi$	
SYG-10KA-1(SYG-600KA-100)	LGKK-600 带芯棒	0°	100	100	76	22	200	53	4.50
SYG-10KB-1(SYG-600KB-100)		30°				22	200		4.50
SYG-10KC-1(SYG-600KB1-100)		45°				26	200		4.90
SYG-10KD-1(SYG-600KC-100)		90°				30	200		5.10
SYG-10KA-2(SYG-600KA-120)	LGKK-600 带芯棒	0°	120	120	76	22(20)	200(180)	53	4.7(4.50)
SYG-10KB-2(SYG-600KB-120)		30°				22(26)	200(150)		4.7(4.9)
SYG-10KC-2(SYG-600KB1-120)		45°				26	200(150)		5.00(4.9)
SYG-10KD-2(SYG-600KC-120)		90°				30	200(180)		5.25(5.14)
SYG-10KA-4(SYG-900KA-150)	LGKK-600 带芯棒	0°	150	150	76	22	200	53	4.9
SYG-10KB-4(SYG-900KB-150)		30°				22	200		4.9
SYG-10KC-4(SYG-900KB1-150)		45°				26	200		5.0
SYG-10KD-4(SYG-900KC-150)		90°				30	200		5.5
SYG-9KA-2(SYG-900KA-105)	LGKK-900 带芯棒	0°	120(105)	120(105)	75(70)	22(20)	200(180)	51	4.65(3.5)
SYG-9KB-2(SYG-900KB-105)		30°				22(20)	200(160)		4.65(3.4)
SYG-9KC-2(SYG-900KB1-105)		45°				26(20)	200		4.85(4.30)
SYG-9KD-2(SYG-900KC-105)		90°				30(20)	200		5.1(4.30)
SYG-10B-2(SYG-1400B-120)	LGJQT-1400	30°	120	120	76	22(26)	200(150)	53	3.9(3.9)
SYG-10C-2(SYG-1400B1-120)		45°				26	200(150)		4.20(4.10)
SYG-10D-2(SYG-1400C-120)		90°				30	200(180)		4.45(4.30)
SYG-10NA-3(SYG-1440NA-125)	NAHLGJQ-1440	0°	125	125	80	22	200	53	4.65
SYG-10NB-3(SYG-1440NB-125)		30°				22	200		4.65
SYG-10NC-3(SYG-1440NB1-125)		45°				26	200		5.15
SYG-10ND-3(SYG-1440NC-125)		90°				30	200		5.60
SYG-10NA-4(SYG-1440NA-150)	NAHLGJQ-1440	0°	150	150	80	22(26)	240	53	4.85(5.10)
SYG-10NB-4(SYG-1440NB-150)		30°				22(26)	240		4.85(5.10)
SYG-10NC-4(SYG-1440NB1-150)		45°				26	240		5.30(5.25)
SYG-10ND-4(SYG-1440NC-150)		90°				30(26)	240		5.70(5.52)

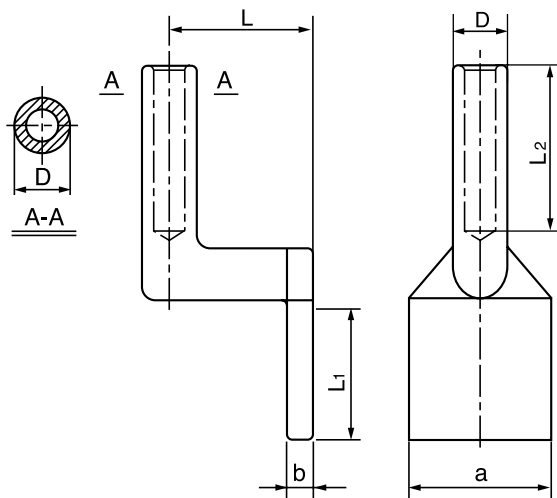
尺寸a和L1如有变化, 订货时应注明a×L1值, 如SYG-1400A(a×L1).芯棒为热镀锌钢制品。\*括号()内型号对应括号()内尺寸。

If the aluminium of "a" and "L" have changed, please indicate the value of a×L when place the order. For example: SYG-1400A(a×L1). The material of the core rod is hot-dip galvanized steel. Inside brackets of catalog NO. correspond inside brackets of dimensions.



## 31. STY压缩型调距设备线夹

Terminal Clamps (Type STY, Compression Type)



型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
		L <sub>1</sub>	a	b	D	L	L <sub>2</sub>	
STY-900K/100-115×180	49.00	115	180	24	74	85	180	7.3
STY-900K/100-150×150	49.00	150	150	24	74	85	180	7.5
STY-900K/100-180×125	49.00	180	125	24	74	85	180	7.5
STY-600K/100-115×180	51.00	115	180	24	76	85	180	6.8
STY-1400/100-115×180	51.00	115	180	24	76	85	180	6.8
STY-600K/100-150×150	51.00	150	150	24	76	85	180	6.9
STY-1400/100-150×150	51.00	150	150	24	76	85	180	6.9
STY-600K/100-180×125	51.00	180	125	24	76	85	180	7.1
STY-1400/100-180×125	51.00	180	125	24	76	85	180	7.1
STY-1440N/100-115×180	51.36	115	180	24	80	85	240	7.0
STY-1440N/100-150×150	51.36	150	150	24	80	85	240	7.2
STY-1440N/100-180×125	51.36	180	125	24	80	85	240	7.2
STY-900K/200-115×180	49.00	115	180	24	74	185	180	8.2
STY-900K/200-150×150 (SY-9KA-4)	49.00	150	150	24	74	185	180	8.4
STY-900K/200-180×125	49.00	180	125	24	74	185	180	8.4
STY-600K/200-115×180	51.00	115	180	24	76	185	180	7.5
STY-1400/200-115×180	51.00	115	180	24	76	185	180	7.5
STY-600K/200-150×150 (SY-10KA-4)	51.00	150	150	24	76	185	180	7.8
STY-1400/200-150×150 (SY-10A-4)	51.00	150	150	24	76	185	180	7.8
STY-600K/200-180×125	51.00	180	125	24	76	185	180	7.8
STY-1400/200-180×125	51.00	180	125	24	76	185	180	7.8
STY-1440N/200-115×180	51.36	115	180	24	80	185	240	7.7
STY-1440N/200-150×150	51.36	150	150	24	80	185	240	7.9
STY-1440N/200-180×125	51.36	180	125	24	80	185	240	7.9

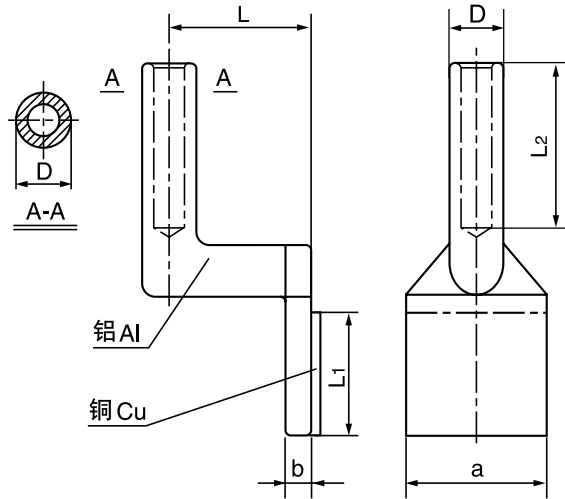
LGKK-600导线所用线夹与LGJQT-1400导线可通用，但线夹带芯棒，芯棒重1.4kg。LGKK-900线夹含芯棒重量。

若端子板尺寸与样本中不同订货时请注明：线夹为铝制作。

Clamp bodies are made of aluminium.

## 32. STYG-Q压缩型铜铝过渡调距设备线夹 (覆铜搪锡)

Aluminium-Copper Terminal Clamps (Type STYG-Q, Compression Type)



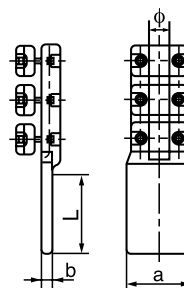
型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)						参考重量 Weight (kg)
		L <sub>1</sub>	a	b	D	L	L <sub>2</sub>	
STYG-900K/100-115×180	49.00	115	180	24	74	85	180	7.7
STYG-900K/100-150×150	49.00	150	150	24	74	85	180	7.9
STYG-900K/100-180×125	49.00	180	125	24	74	85	180	7.9
STYG-600K/100-115×180	51.00	115	180	24	76	85	180	7.2
STYG-1400/100-115×180	51.00	115	180	24	76	85	180	7.2
STYG-600K/100-150×150	51.00	150	150	24	76	85	180	7.3
STYG-1400/100-150×150	51.00	150	150	24	76	85	180	7.3
STYG-600K/100-180×125	51.00	180	125	24	76	85	180	7.3
STYG-1400/100-180×125	51.00	180	125	24	76	85	180	7.3
STYG-1440N/100-115×180	51.36	115	180	24	80	85	240	7.4
STYG-1440N/100-150×150	51.36	150	150	24	80	85	240	7.6
STYG-1440N/100-180×125	51.36	180	125	24	80	85	240	7.6
STYG-900K/200-115×180	49.00	115	180	24	74	185	180	8.6
STYG-900K/200-150×150	49.00	150	150	24	74	185	180	8.8
STYG-900K/200-180×125	49.00	180	125	24	74	185	180	8.8
STYG-600K/200-115×180	51.00	115	180	24	76	185	180	7.9
STYG-1400/200-115×180	51.00	115	180	24	76	185	180	7.9
STYG-600K/200-150×150	51.00	150	150	24	76	185	180	7.9
STYG-1400/200-150×150	51.00	150	150	24	76	185	180	8.2
STYG-600K/200-180×125	51.00	180	125	24	76	185	180	8.2
STYG-1400/200-180×125	51.00	180	125	24	76	185	180	8.2
STYG-1440N/200-115×180	51.36	115	180	24	80	185	240	8.1
STYG-1440N/200-150×150	51.36	150	150	24	80	185	240	8.3
STYG-1440N/200-180×125	51.36	180	125	24	80	185	240	8.3

LGKK-600导线所用线夹与LGJQT-1400导线可通用, 但线夹带芯棒, 芯棒重1.4kg。LGKK-900线夹含芯棒重量。

若端子板尺寸与样本中不同订货时请注明。

### 33. 大截面导线设备线夹 (0° SL螺栓型)

Terminal Clamps (Type SL)

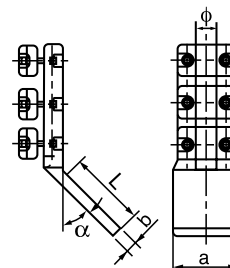


型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	a	b	φ	
SL-630NA-125×125	34.82	125	125	20	35	5.7
SL-630NA-150×150	34.82	150	150	20	35	6.2
SL-1000NA-125×125	42.08	125	125	20	43	6.5
SL-1000NA-150×150	42.08	150	150	24	43	7.0
SL-10KA-3 (SL-600KA-125×125)	51.00	125	125	22	51	9.1
SL-10KA-4 (SL-600KA-150×150)	51.00	150	150	22	51	9.6
SL-9KA-3 (SL-900KA-125×125)	49.00	125	125	22	49	8.1
SL-9KA-4 (SL-900KA-150×150)	49.00	150	150	22	49	8.6
SL-10A-3 (SL-1400A-125×125)	51.00	125	125	22	51	7.5
SL-10A-4 (SL-1400A-150×150)	51.00	150	150	22	51	8.0
SL-10NA-3 (SL-1440NA-125×125)	51.36	125	125	22	52	8.7
SL-10NA-4 (SL-1440NA-150×150)	51.36	150	150	22	52	9.2

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。  
Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 34. 大截面导线设备线夹 (B-30° C-45° SL螺栓型)

Terminal Clamps For Single-Conductor (Type SL)

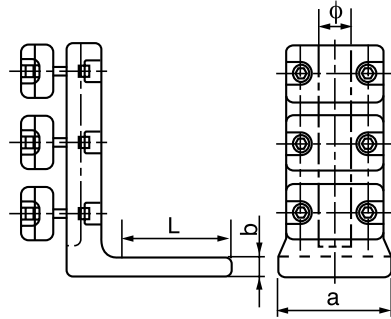


型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L	a	b	φ	α	
SL-630NB-125×125	34.82	125	125	20	35	45°	5.7
SL-630NB-150×150	34.82	150	150	20	35	45°	6.2
SL-1000NB-125×125	42.08	125	125	20	43	45°	6.5
SL-1000NB-150×150	42.08	150	150	26	43	45°	7.0
SL-10KB-3 (SL-600KB-125×125)	51.00	125	125	26	51	30°	9.1
SL-10KC-3 (SL-600KB-125×125)	51.00	125	125	26	51	45°	9.1
SL-10KB-4 (SL-600KB-150×150)	49.00	150	150	26	51	30°	9.6
SL-10KC-4 (SL-600KB-150×150)	51.00	150	150	26	51	45°	9.6
SL-9KB-3	49.00	125	125	26	49	30°	8.1
SL-9KC-3 (SL-900KB-125×125)	49.00	125	125	26	49	45°	8.1
SL-9B-4	49.00	150	150	26	49	30°	8.6
SL-9C-4 (SL-900KB-150×150)	49.00	150	150	26	49	45°	8.6
SL-10B-3	51.00	125	125	26	51	30°	7.5
SL-10C-3 (SL-1400B-125×125)	51.00	125	125	26	51	45°	7.5
SL-10B-4	51.00	150	150	26	51	30°	8.0
SL-10C-4 (SL-1400B-150×150)	51.00	150	150	26	51	45°	8.0
SL-10NB-3	51.36	125	125	26	52	30°	8.7
SL-10NC-3 (SL-1440NB-125×125)	51.36	125	125	26	52	45°	8.7
SL-10NB-4	51.36	150	150	26	52	30°	9.2
SL-10NC-4 (SL-1440NB-150×150)	51.36	150	150	26	52	45°	9.2

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。  
Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 35. 大截面导线设备线夹 (90° SL螺栓型)

Terminal Clamps For Single-Conductor (Type SL)

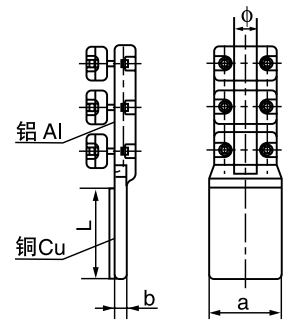


型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	a	b	φ	
SL-630NC-125 × 125 (90°)	34.82	125	125	20	35	5.7
SL-630NC-150 × 150 (90°)	34.82	150	150	20	35	6.2
SL-1000NC-125 × 125 (90°)	42.08	125	125	20	43	6.5
SL-1000NC-150 × 150 (90°)	42.08	150	150	24	43	7.0
SL-10KD-3 (SL-600KC-125 × 125)	51.00	125	125	30	51	9.1
SL-10KD-4 (SL-600KC-150 × 150)	51.00	150	150	30	51	9.6
SL-9KD-3 (SL-900KC-125 × 125)	49.00	125	125	30	49	8.1
SL-9KD-4 (SL-900KC-150 × 150)	49.00	150	150	30	49	8.6
SL-10D-3 (SL-1400C-125 × 125)	51.00	125	125	30	51	7.5
SL-10D-4 (SL-1400C-150 × 150)	51.00	150	150	30	51	8.0
SL-10ND-3 (SL-1440NC-125 × 125)	51.36	125	125	30	52	8.7
SL-10ND-4 (SL-1440NC-150 × 150)	51.36	150	150	30	52	9.2

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。  
Clamp bodies and keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 36. 大截面导线铜铝过渡设备线夹 (0° SLG-A覆铜搪锡)

Aluminium-Copper Terminal Clamps For Single-Conductor (Type SLG-A)

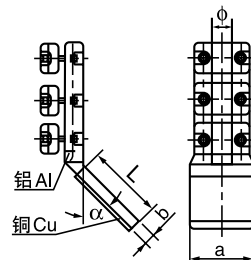


型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	a	b	φ	
SLG-630NA-125 × 125	34.82	125	125	20	35	6.0
SLG-630NA-150 × 150	34.82	150	150	20	35	6.6
SLG-1000NA-125 × 125	42.08	125	125	20	43	6.8
SLG-1000NA-150 × 150	42.08	150	150	24	43	7.4
SLG-10KA-3 (SLG-600KA-125 × 125)	51.00	125	125	22	51	9.4
SLG-10KA-4 (SLG-600KA-150 × 150)	51.00	150	150	22	51	10.0
SLG-9KA-3 (SLG-900KA-125 × 125)	49.00	125	125	22	49	8.4
SLG-9KA-4 (SLG-900KA-150 × 150)	49.00	150	150	22	49	9.0
SLG-10A-3 (SLG-1400A-125 × 125)	51.00	125	125	22	51	7.8
SLG-10A-4 (SLG-1400A-150 × 150)	51.00	150	150	22	51	8.4
SLG-10NA-3 (SLG-1440A-125 × 125)	51.36	125	125	22	52	9.0
SLG-10NA-4 (SLG-1440A-150 × 150)	51.36	150	150	22	52	9.6

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。  
Clamp bodies and keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 37. 单导线铜铝过渡设备线夹 (45° 覆铜搪锡 SLG-B螺栓型)

Aluminium-Copper Terminal Clamps For Single-Conductor (Type SLG-B)



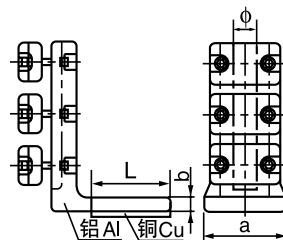
型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L	a	b	φ	α	
SLG-630NB-125×125 (45°)	34.82	125	125	20	35	45°	6.0
SLG-630NB-150×150 (45°)	34.82	150	150	20	35	45°	6.6
SLG-1000NB-125×125 (45°)	42.08	125	125	20	43	45°	6.8
SLG-1000NB-150×150 (45°)	42.08	150	150	24	43	45°	7.4
SLG-10KB-3	51.00	125	125	26	51	30°	9.4
SLG-10KC-3 (SLG-600KB-125×125)	51.00	125	125	26	51	45°	
SLG-10KB-4	51.00	150	150	26	51	30°	10.0
SLG-10KC-4 (SLG-600KB-150×150)	51.00	150	150	26	51	45°	
SLG-9KB-3	49.00	125	125	26	49	30°	8.4
SLG-9KC-3 (SLG-900KB-125×125)	49.00	125	125	26	49	45°	
SLG-9KB-4	49.00	150	150	26	49	30°	9.0
SLG-9KC-4 (SLG-900KB-150×150)	49.00	150	150	26	49	45°	
SLG-10B-3	51.00	125	125	26	51	30°	7.8
SLG-10C-3 (SLG-1400B-125×125)	51.00	125	125	26	51	45°	
SLG-10B-4	51.00	150	150	26	51	30°	8.4
SLG-10C-4 (SLG-1400B-150×150)	51.00	150	150	26	51	45°	
SLG-10NB-3	51.36	125	125	26	52	30°	9.0
SLG-10NC-3 (SLG-1440B-125×125)	51.36	125	125	26	52	45°	
SLG-10NB-4	51.36	150	150	26	52	30°	9.6
SLG-10NC-4 (SLG-1440B-150×150)	51.36	150	150	26	52	45°	

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 38. 单导线铜铝过渡设备线夹 (90° SLG-C螺栓型)

Aluminium-Copper Terminal Clamps For Single-Conductor (Type SLG-C)



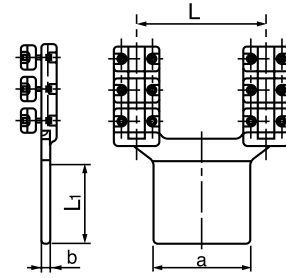
型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	a	b	φ	
SLG-630NC-125×125	34.82	125	125	20	35	6.0
SLG-630NC-150×150	34.82	150	150	20	35	6.6
SLG-1000NC-125×125	42.08	125	125	20	43	6.8
SLG-1000NC-150×150	42.08	150	150	24	43	7.4
SLG-10KD-3 (SLG-600KC-125×125)	51.00	125	125	30	51	9.4
SLG-10KD-4 (SLG-600KC-150×150)	51.00	150	150	30	51	10.0
SLG-9KD-3 (SLG-900KC-125×125)	49.00	125	125	30	49	8.4
SLG-9KD-4 (SLG-900KC-150×150)	49.00	150	150	30	49	9.0
SLG-10D-3 (SLG-1400C-125×125)	51.00	125	125	30	51	7.8
SLG-10D-4 (SLG-1400C-150×150)	51.00	150	150	30	51	8.4
SLG-10ND-3 (SLG-1440C-125×125)	51.36	125	125	30	52	9.0
SLG-10ND-4 (SLG-1440C-150×150)	51.36	150	150	30	52	9.6

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

## 39. 双导线设备线夹 (0° SL-2型螺栓型)

Terminal Clamps For Double-Bundle Conductor (Type SSL)



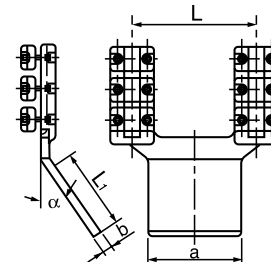
型号 Catalog No.	适用导线外径 Conductor Dia. (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L <sub>1</sub>	a	b	L	
SSL-630NA/200-150×150	34.82	150	150	20	200	10.5
SSL-1000NA/200-150×150	42.08	150	150	24	200	11.0
SL-2×10KA/200-3 (SSL-600KA/200-125×125)	51.00	125	125	22	200	17.3
SL-2×9KA/200-3 (SSL-900KA/200-125×125)	49.00	125	125	22	200	15.4
SL-2×10A/200-3 (SSL-1400A/200-125×125)	51.00	125	125	22	200	14.0
SL-2×10NA/200-3 (SSL-1440A/200-150×150)	51.36	150	150	22	200	14.0
SSL-630NA/400-150×150	34.82	150	150	20	400	11.4
SSL-1000NA/400-150×150	42.08	150	150	24	400	12.9
SL-2×10KA/400-4 (SSL-600KA/400-150×150)	51.00	150	150	22	400	18.2
SL-2×9KA/400-4 (SSL-900KA/400-150×150)	49.00	150	150	22	400	17.1
SL-2×10A/400-4 (SSL-1400A/400-150×150)	51.00	150	150	22	400	14.9
SL-2×10NA/400-4 (SSL-1440A/400-150×150)	51.36	150	150	22	400	14.9

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies and covers are aluminium, the tightening parts are steel and hot-dip galvanized.

## 40. 双导线设备线夹 (B-30° C-45° SL-2型螺栓型)

Terminal Clamps For Double-Bundle Conductor (Type SSL)



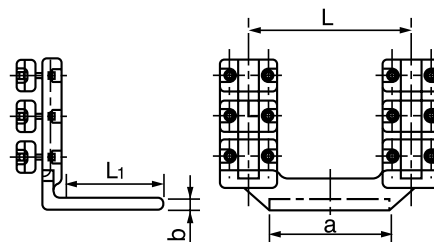
型号 Catalog No.	适用导线外径 Conductor Dia. (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L <sub>1</sub>	a	b	L	α	
SSL-630NB/200-150×150	34.82	150	150	20	200	45°	10.5
SSL-1000NB/200-150×150	42.08	150	150	24	200	45°	11.0
SL-2×10KB/200-3	51.00	125	125	26	200	30°	17.3
SL-2×10KC/200-3 (SSL-600KB/200-125×125)	51.00	125	125	26	200	45°	
SL-2×9KB/200-3	49.00	125	125	26	200	30°	15.4
SL-2×9KC/200-3 (SSL-900KB/200-150×150)	49.00	125	125	26	200	45°	
SL-2×10B/200-3	51.00	125	125	26	200	30°	14.0
SL-2×10C/200-3 (SSL-1400B/200-150×150)	51.00	125	125	26	200	45°	
SL-2×10NC/200-3 (SSL-1440B/200-150×150)	51.36	150	150	26	200	45°	14.0
SSL-630NB/400-150×150	34.82	150	150	20	400	45°	11.4
SSL-1000NB/400-150×150	42.08	150	150	24	400	45°	12.9
SL-2×10KB/400-4	51.00	150	150	26	400	30°	18.2
SL-2×10KC/400-4 (SSL-600KB/400-150×150)	51.00	150	150	26	400	45°	
SL-2×9KC/400-4 (SSL-900KB/400-150×150)	49.00	150	150	26	400	45°	17.1
SL-2×10B/400-4	51.00	150	150	26	400	30°	14.9
SL-2×10C/400-4 (SSL-1400B/400-150×150)	51.00	150	150	26	400	45°	14.9
SL-2×10NC/400-4 (SSL-1440B/400-150×150)	51.36	150	150	26	400	45°	

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies and covers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 41. 双导线设备线夹 (90° SSL螺栓型)

Terminal Clamps For Double-Bundle Conductor (Type SSL)



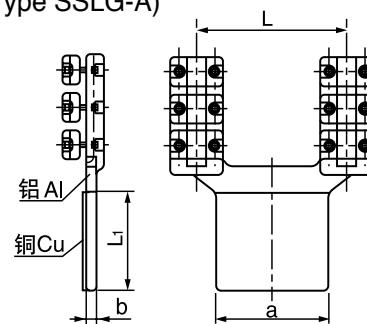
型号 Catalog No.	适用导线外径 Conductor Dia. (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L <sub>1</sub>	a	b	L	
SSL-630NC/200-150×150	34.82	150	150	20	200	10.5
SSL-1000NC/200-150×150	42.08	150	150	24	200	11.0
SL-2×10KD/200-3 (SSL-600KC/200-150×150)	51.00	125	125	30	200	17.3
SL-2×9KD/200-3 (SSL-900KC/200-150×150)	49.00	125	125	30	200	15.4
SL-2×10D/200-3 (SSL-1400C/200-150×150)	51.00	125	125	30	200	14.0
SL-2×10N/200-3 (SSL-1440C/200-150×150)	51.36	125	125	30	200	14.0
SSL-630NC/400-150×150	34.82	150	150	20	400	11.4
SSL-1000NC/400-150×150	42.08	150	150	24	400	12.9
SL-2×10KD/400-4 (SSL-600KC/400-150×150)	51.00	150	150	30	400	18.2
SL-2×9KD/400-4 (SSL-900KC/400-150×150)	49.00	150	150	30	400	17.1
SL-2×10D/400-4 (SSL-1400C/400-150×150)	51.00	150	150	30	400	14.9
SL-2×10ND/400-4 (SSL-1440C/400-150×150)	51.36	150	150	30	400	14.9

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

### 42. 铜铝双导线设备线夹 (0° 覆铜搪锡 SSLG-A螺栓型)

Aluminium-Copper Terminal Clamps For Double-Bundle Conductor (Type SSLG-A)

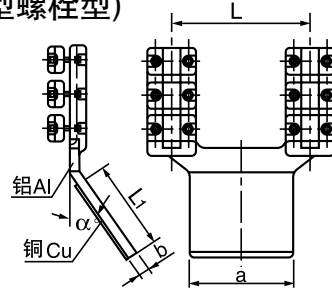


型号 Catalog No.	适用导线外径 Conductor Dia. (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L <sub>1</sub>	a	b	L	
SSLG-630NA/200-150×150	34.82	150	150	20	200	10.9
SSLG-1000NA/200-150×150	42.08	150	150	24	200	11.4
SLG-2×10KA-200/4 (SSLG-600KA/200-125×125)	51.00	125	125	22	200	15.6
SLG-2×9KA-200/4 (SSLG-900KA/200-125×125)	49.00	125	125	22	200	16.5
SLG-2×10A-200/4 (SSLG-1400A/200-125×125)	51.00	125	125	22	200	14.4
SLG-2×10NA-200/4 (SSLG-1440A/200-150×150)	51.36	150	150	22	200	14.4
SSLG-630NA/400-150×150	34.82	150	150	20	400	11.8
SSLG-1000NA/400-150×150	42.08	150	150	24	400	13.3
SLG-2×10KA-400/4 (SSLG-600KA/400-150×150)	51.00	150	150	22	400	16.2
SLG-2×9KA-400/4 (SSLG-900KA/400-150×150)	49.00	150	150	22	400	17.0
SLG-2×10A-400/4 (SSLG-1400A/400-150×150)	51.00	150	150	22	400	15.3
SLG-2×10NA-400/4 (SSLG-1440A/400-150×150)	51.36	150	150	22	400	15.3

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

**43. 双导线铜铝设备线夹 (B-30° C-45° 覆铜搪锡 SL-2型螺栓型)**

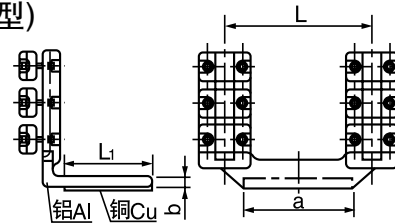
 Aluminium-Copper Terminal Clamps For Double-Bundle  
 Conductor (Type SSLG-B)


型号 Catalog No.	适用导线外径 Conductor Dia. (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L <sub>1</sub>	a	b	L	α	
SSLG-630NB/200-150×150	34.82	150	150	20	200	45°	10.9
SSLG-1000NB/200-150×150	42.08	150	150	24	200	45°	11.4
SLG-2×10KB/200-3	51.00	125	125	22	200	30°	15.6
SLG-2×10KC/200-3(SSLG-600KB/200-125×125)	51.00	125	125	26	200	45°	
SLG-2×9KB/200-3	49.00	125	125	22	200	30°	16.5
SLG-2×9KC/200-3(SSLG-900KB/200-125×125)	49.00	125	125	26	200	45°	
SLG-2×10B/200-3	51.00	125	125	22	200	30°	14.4
SLG-2×10C/200-3(SSLG-1400B/200-125×125)	51.00	125	125	26	200	45°	
SLG-2×10NC/200-3(SSLG-1440B/200-125×125)	51.36	125	125	26	200	45°	14.4
SSLG-630NB/400-150×150	34.82	150	150	20	400	45°	11.8
SSLG-1000NB/400-150×150	42.08	150	150	24	400	45°	13.3
SLG-2×10KB/400-4	51.00	150	150	22	400	30°	16.2
SLG-2×10KC/400-4(SSLG-600KB/400-150×150)	51.00	150	150	26	400	45°	
SLG-2×9KC/400-4(SSLG-900KB/400-150×150)	49.00	150	150	26	400	45°	17.0
SLG-2×10B/400-4	51.00	150	150	22	400	30°	15.3
SLG-2×10C/400-4(SSLG-1400B/400-150×150)	51.00	150	150	26	400	45°	
SLG-2×10NC/400-4(SSLG-1440B/400-150×150)	51.36	150	150	26	400	45°	15.3

若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.

**44. 双导线铜铝设备线夹 (90° 覆铜搪锡 SL-2型螺栓型)**

 Aluminium-Copper Terminal Clamps For Double-Bundle  
 Conductor (Type SSLG-C)


型号 Catalog No.	适用导线外径 (mm) Conductor Dia.	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L <sub>1</sub>	a	b	L	
SSLG-630NC/200-150×150	34.82	150	150	20	200	10.9
SSLG-1000NC/200-150×150	42.08	150	150	24	200	11.4
SLG-2×10KD/200-3(SSLG-600KC/200-125×125)	51.00	125	125	30	200	16.6
SLG-2×9KD/200-3(SSLG-900KC/200-125×125)	49.00	125	125	30	200	16.5
SLG-2×10KD/200-3(SSLG-1400KC/200-125×125)	51.00	125	125	30	200	16.4
SSLG-1440C/200-125×125	51.36	125	125	30	200	16.4
SSLG-630NC/400-150×150	34.82	150	150	20	400	11.8
SSLG-1000NC/400-150×150	42.08	150	150	24	400	13.3
SLG-2×10KD/400-4(SSLG-600KC/400-150×150)	51.00	150	150	30	400	18.2
SSLG-900KC/400-150×150	49.00	150	150	30	400	18.0
SLG-2×10KD/400-4(SSLG-1400KC/400-150×150)	51.00	150	150	30	400	18.3
SSLG-1440C/400-150×150	51.36	150	150	30	400	18.3

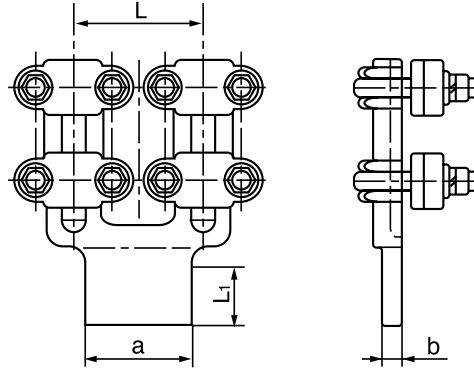
若端子板尺寸与样本中不同订货时请注明。线夹主体、压盖为铝件，扩径导线均提供芯棒，紧固件为热镀锌钢件。

Clamp bodies are keepers are aluminium, the tightening parts are steel and hot-dip galvanized.



#### 45. 双导线设备线夹 (0° SLS螺栓型)

Terminal Clamps For Double-Bundle Conductor (Type SLS)



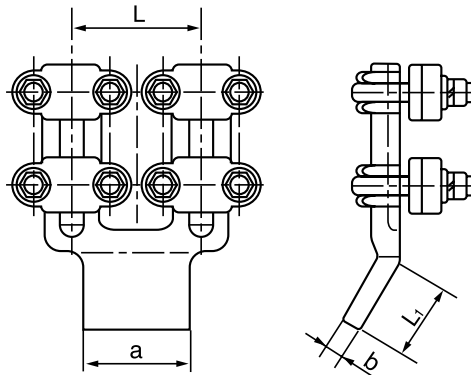
型号 Catalog No.	适用导线 Conductor Type	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLS-4A-120	LGJ-185~240	80	85	14	120	4.5
SLS-5A-120	LGJ-300~400	100	105	16	120	5.0
SLS-6A-120	LGJ-500~630	125	130	20	120	5.8
SLS-4A-200	LGJ-185~240	80	85	14	200	4.7
SLS-5A-200	LGJ-300~400	100	105	16	200	5.2
SLS-6A-200	LGJ-500~630	125	130	20	200	6.0
SLS-7A-200	LGJ-800	125	130	22	200	7.4

线夹主体、压盖为铝件，其余为热镀锌钢件。

Clamp bodies and covers are aluminium, the other parts are steel and hot-dip galvanized.

#### 46. 双导线设备线夹 (30° SLS螺栓型)

Terminal Clamps For Double-Bundle Conductor (Type SLS)



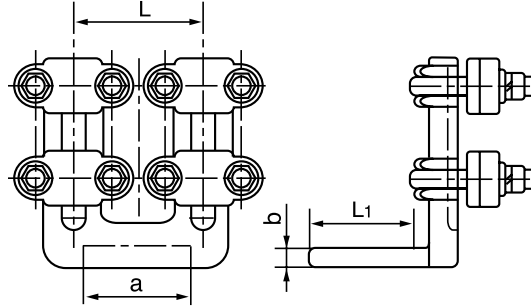
型号 Catalog No.	适用导线 Conductor Type	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLS-4B-120	LGJ-185~240	80	85	14	120	4.5
SLS-5B-120	LGJ-300~400	100	105	16	120	5.0
SLS-6B-120	LGJ-500~630	125	130	20	120	5.8
SLS-4B-200	LGJ-185~240	80	85	14	200	4.7
SLS-5B-200	LGJ-300~400	100	105	16	200	5.2
SLS-6B-200	LGJ-500~630	125	130	20	200	6.0
SLS-7B-200	LGJ-800	125	130	22	200	7.4

线夹主体、压盖为铝件，其余为热镀锌钢件。

Clamp bodies and covers are aluminium, the other parts are steel and hot-dip galvanized.

## 47. 双导线设备线夹 (90° SLS螺栓型)

Terminal Clamps For Double-Bundle Conductor (Type SLS)



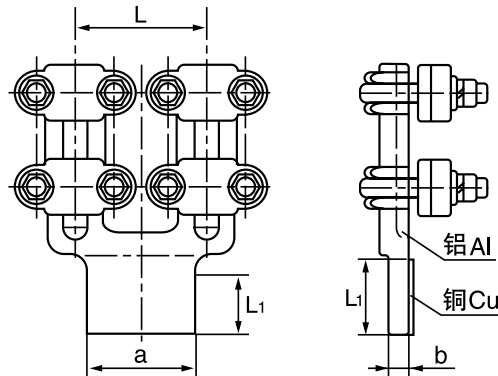
型号 Catalog No.	适用导线 Conductor Type	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLS-4C-120	LGJ-185~240	80	85	14	120	4.5
SLS-5C-120	LGJ-300~400	100	105	16	120	5.0
SLS-6C-120	LGJ-500~630	125	130	20	120	5.8
SLS-4C-200	LGJ-185~240	80	85	14	200	4.7
SLS-5C-200	LGJ-300~400	100	105	16	200	5.2
SLS-6C-200	LGJ-500~630	125	130	20	200	6.0
SLS-7C-200	LGJ-800	125	130	22	200	7.4

线夹主体、压盖为铝件，其余为热镀锌钢件。

Clamp bodies and keepers are aluminium, the other parts are steel and hot-dip galvanized.

## 48. 铜铝过渡双导线设备线夹 (0° 复铜搪锡 SLSG螺栓型)

Aluminium-Copper Terminal Clamps For Double-Bundle Conductor (Type SLSG)



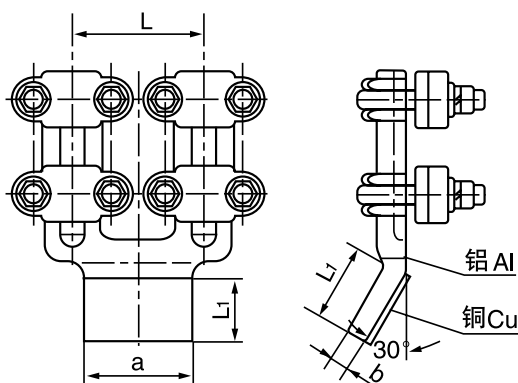
型号 Catalog No.	适用导线 Conductor Type	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLSG-4AQ-120	LGJ-185~240	80	80	14	120	4.7
SLSG-5AQ-120	LGJ-300~400	100	100	16	120	5.7
SLSG-6AQ-120	LGJ-500~630	125	125	20	120	6.5
SLSG-4AQ-200	LGJ-185~240	80	80	14	200	4.9
SLSG-5AQ-200	LGJ-300~400	100	100	16	200	5.4
SLSG-6AQ-200	LGJ-500~630	125	125	20	200	6.8
SLSG-7AQ-200	LGJ-800	125	125	22	200	7.7

线夹主体、压盖为铝件，其余为热镀锌钢件。

Clamp bodies and keepers are aluminium, the other parts are steel and hot-dip galvanized.

#### 49. 铜铝过渡双导线设备线夹 (30° 覆铜搪锡 SLSG螺栓型)

Alluminium-Copper Terminal Clamps For Double-Bundle Conductor (Type SLSG)



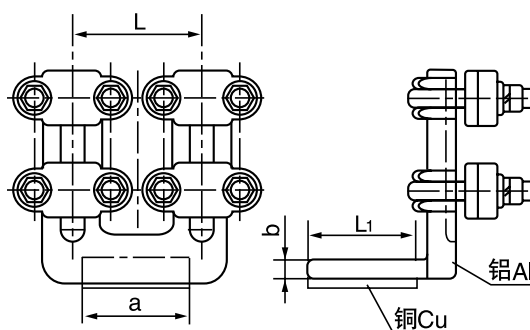
型号 Catalog No.	适用导线 Conductor Type	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLSG-4BQ-120	LGJ-185~240	80	80	14	120	4.7
SLSG-5BQ-120	LGJ-300~400	100	100	16	120	5.7
SLSG-6BQ-120	LGJ-500~630	125	125	20	120	6.5
SLSG-4BQ-200	LGJ-185~240	80	80	14	200	4.9
SLSG-5BQ-200	LGJ-300~400	100	100	16	200	5.4
SLSG-6BQ-200	LGJ-500~630	125	125	20	200	6.8
SLSG-7BQ-200	LGJ-800	125	125	22	200	7.7

线夹主体、压盖为铝件，其余为热镀锌钢件。

Clamp bodies and keepers are aluminium, the other parts are steel and hot-dip galvanized.

#### 50. 铜铝过渡双导线设备线夹 (90° 覆铜搪锡 SLSG螺栓型)

Alluminium-Copper Terminal Clamps For Double-Bundle Conductor (Type SLSG)



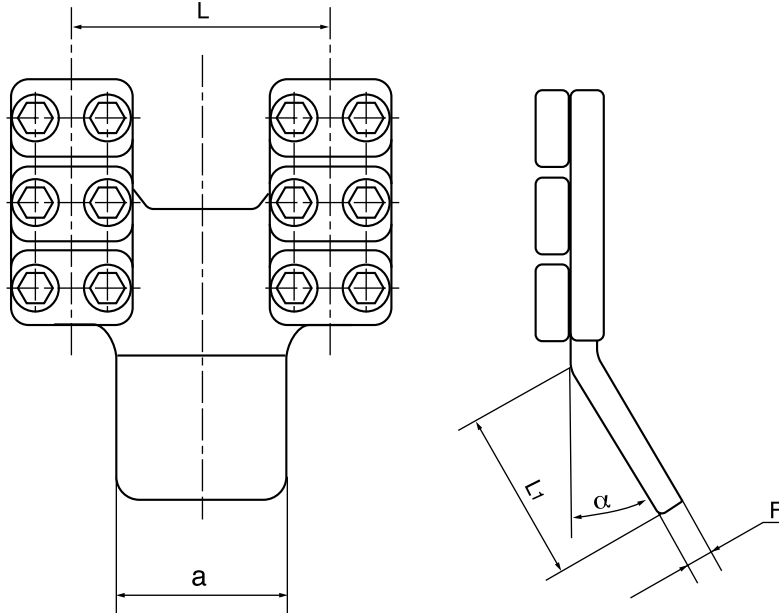
型号 Catalog No.	适用导线 Conductor Type	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	L <sub>1</sub>	b	L	
SLSG-4CQ-120	LGJ-185~240	80	80	14	120	4.7
SLSG-5CQ-120	LGJ-300~400	100	100	16	120	5.7
SLSG-6CQ-120	LGJ-500~630	125	125	20	120	6.5
SLSG-4CQ-200	LGJ-185~240	80	80	14	200	4.9
SLSG-5CQ-200	LGJ-300~400	100	100	16	200	5.4
SLSG-6CQ-200	LGJ-500~630	125	125	20	200	6.8
SLSG-7CQ-200	LGJ-800	125	125	22	200	7.7

线夹主体、压盖为铝件，其余为热镀锌钢件。

Clamp bodies and keepers are aluminium, the other parts are steel and hot-dip galvanized.

**51. 大截面双导线设备线夹 (SL型螺栓型)**

Terminal Connectors for Twin-Bundle Large Cross-sectional Conductors (Type SL, Bolted type)



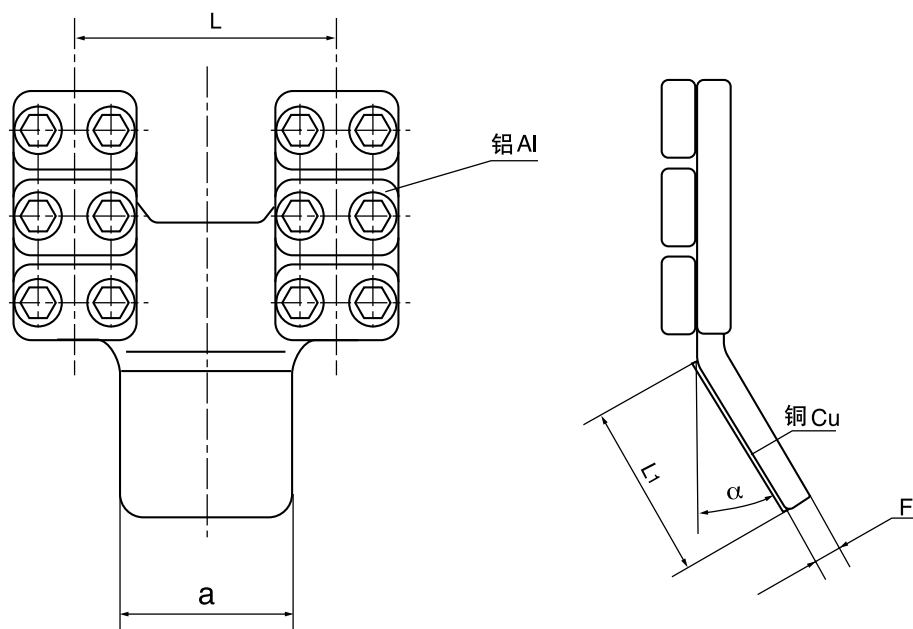
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions (mm)					参考重量 Weight (kg)	备注 Remarks
		a	L <sub>1</sub>	F	L	α		
SL-2 × 10KA/200-3 (SL-600KA-24)	LGKK-600	125	125	22	200	0°	16.9	带芯棒 with core rod
SL-2 × 10KB/200-3 (SL-600KB-24)				22		30°		
SL-2 × 10KC/200-3 (SL-600KB1-24)				26		45°		
SL-2 × 10KD/200-3 (SL-600KC-24)				30		90°		
SL-2 × 10KA/400-4 (SL-600KA-44)	LGKK-600	150	150	22	400	0°	17.7	带芯棒 with core rod
SL-2 × 10KB/400-4 (SL-600KB-44)				22		30°		
SL-2 × 10KC/400-4 (SL-600KB1-44)				26		45°		
SL-2 × 10KD/400-4 (SL-600KC-44)				30		90°		
SL-2 × 9KA/200-3 (SL-900KA-24)	LGKK-900	125	125	22	200	0°	15.0	带芯棒 with core rod
SL-2 × 9KB/200-3 (SL-900KB-24)				22		30°		
SL-2 × 9KC/200-3 (SL-900KB1-24)				26		45°		
SL-2 × 9KD/200-3 (SL-900KC-24)				30		90°		
SL-2 × 10A/200-3 (SL-1400A-24)	LGJQT-1400	125	125	22	200	0°	13.6	
SL-2 × 10B/200-3 (SL-1400B-24)				22		30°		
SL-2 × 10C/200-3 (SL-1400B1-24)				26		45°		
SL-2 × 10D/200-3 (SL-1400C-24)				30		90°		
SL-2 × 10A/400-4 (SL-1400A-44)	LGJQT-1400	150	150	22	400	0°	14.5	
SL-2 × 10B/400-4 (SL-1400B-44)				22		30°		
SL-2 × 10C/400-4 (SL-1400B1-44)				26		45°		
SL-2 × 10D/400-4 (SL-1400C-44)				30		90°		

芯棒为热镀锌钢制件。

The material of the core rod is hot-dip galvanized steel.

52. 大截面双导线铜铝过渡设备线夹 (SLG-A/B型螺栓型, 覆铜搪锡 铜铝复合片)

Al-Cu Transition Connectors for Twin-Bundle Large Cross-sectional Conductors (Type SLG-A/B, Bolted type, With Al-Cu bimetal sheet)



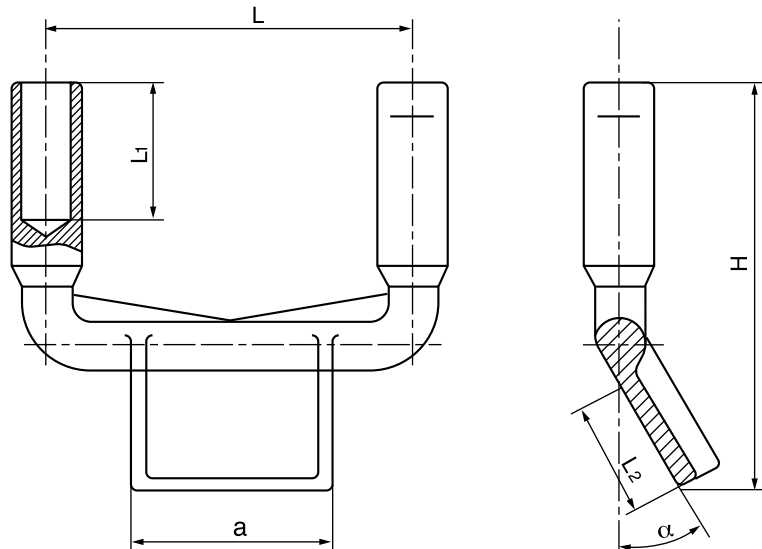
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions (mm)					参考重量 Weight (kg)	备注 Remarks
		a	L <sub>1</sub>	F	L	α		
SLG-2×10KAQ/200-3 (SLG-600KAQ-24)	LGKK-600	125	125	22	200	0°	17.8	带芯棒 with core rod
SLG-2×10KBQ/200-3 (SLG-600KBQ-24)				22		30°		
SLG-2×10KCQ/200-3 (SLG-600KB1Q-24)				26		45°		
SLG-2×10KDQ/200-3 (SLG-600KQ-24)				30		90°		
SLG-2×10KAQ/400-4 (SLG-600KAQ-44)	LGKK-600	150	150	22	400	0°	18.7	带芯棒 with core rod
SLG-2×10KBQ/400-4 (SLG-600KBQ-44)				22		30°		
SLG-2×10KCQ/400-4 (SLG-600KB1Q-44)				26		45°		
SLG-2×10KDQ/400-4 (SLG-600KQ-44)				30		90°		
SLG-2×9KAQ/200-3 (SLG-900KAQ-24)	LGKK-900	125	125	22	200	0°	16.0	带芯棒 with core rod
SLG-2×9KBQ/200-3 (SLG-900KBQ-24)				22		30°		
SLG-2×9KCQ/200-3 (SLG-900KB1Q-24)				26		45°		
SLG-2×9KDQ/200-3 (SLG-900KQ-24)				30		90°		
SLG-2×10AQ/200-3 (SLG-1400AQ-24)	LGJQT-1400	125	125	22	200	0°	14.6	
SLG-2×10BQ/200-3 (SLG-1400BQ-24)				22		30°		
SLG-2×10CQ/200-3 (SLG-1400B1Q-24)				26		45°		
SLG-2×10DQ/200-3 (SLG-1400Q-24)				30		90°		
SLG-2×10AQ/400-4 (SLG-1400AQ-44)	LGJQT-1400	150	150	22	400	0°	15.4	
SLG-2×10BQ/400-4 (SLG-1400BQ-44)				22		30°		
SLG-2×10CQ/400-4 (SLG-1400B1Q-44)				26		45°		
SLG-2×10DQ/400-4 (SLG-1400Q-44)				30		90°		

芯棒为热镀锌钢制件。

The material of the core rod is hot-dip galvanized steel.

## 53. 双导线设备线夹 (SSY压缩型)

Terminal Connectors for twin-hundle Conductors (Type SSY, Compression Type)



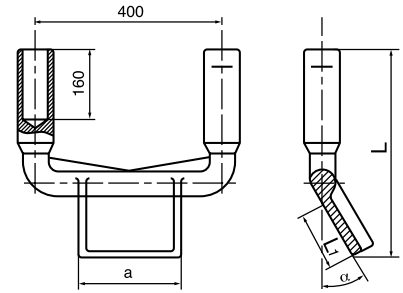
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L <sub>1</sub>	α	L <sub>2</sub>	H	L	
SSY-300/120A	LGJ-300	110	0°	110	296	120	1.7
SSY-300/120B	LGJ-300	110	30°	110	288	120	1.8
SSY-300/200A	LGJ-300	160	0°	120	293	200	1.6
SSY-300/200B <sub>1</sub>	LGJ-300	160	45°	100	258	200	1.6
SSY-300/200C	LGJ-300	160	90°	120	185	200	1.6
SSY-400/120A-1	LGJ-400	120	0°	130	325	120	1.4
SSY-400/200A	LGJ-400	160	0°	130	315	200	2.6
SSY-400/200B <sub>1</sub>	LGJ-400	160	45°	130	275	200	2.1
SSY-400/200C	LGJ-400	160	90°	135	195	200	2.1
SSY-500/35	LGJ-500/35	160	0°	110	356	400	2.3
SSY-500/45	LGJ-500/45	160	0°	110	356	400	2.3
SSY-500/55	LGJ-500/55	160	0°	110	356	400	2.3
SSY-630/45	LGJ-630/45	160	0°	115	376	400	3.0
SSY-630/55	LGJ-630/55	160	0°	115	376	400	3.0
SSY-630/80	LGJ-630/80	160	0°	115	376	400	3.0
SSY-800/55	LGJ-800/55	160	0°	125	401	400	3.4
SSY-800/70	LGJ-800/70	160	0°	125	401	400	3.4
SSY-800/100	LGJ-800/100	160	0°	125	401	400	3.4
SSY-1440/120N	NAHLGJQ-1440/120	150	0°	170	329	400	4.5
SSY-1440/135N	NAHLGJQ-1440/135	150	0°	125	284	400	4.5

 订货时应注明 $a \times L_2$  值, 如ssy-1440/120N( $a \times L_2$ ).

 Please indicate the value of  $a \times L_2$  when place the order. For example: ssy-1440/120N( $a \times L_2$ ).

54. 大截面双导线设备线夹 (SY压缩型)

Terminal Connectors for Twin-Bundle Large Cross-sectional Conductors (Type SY, Compression Type)

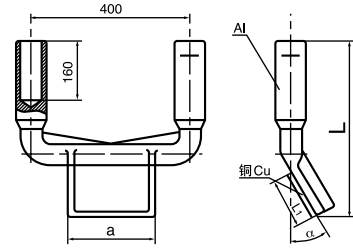


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)	备注 Remarks
		$\alpha$	a	$L_1$	L		
SY-600KA-42	LGKK-600	0°	120	120	442	10.6	带芯棒 with core rod
SY-600KB-42		30°	100	100	419	10.7	
SY-600KB1-42		45°	120	120	400	10.6	
SY-600KC-42		90°	120	120	312	10.4	
SY-600KB-43		30°	145	130	445	11.3	
SY-600KB1-45		45°	160	160	428	11.4	
SY-600KC-46		90°	180	120	312	11.4	
SY-600KA-43		0°	145	130	452	10.8	
SY-600KB-42		30°	120	120	436	11.0	
SY-600KB1-43		45°	145	130	407	10.7	
SY-600KC-43		90°	145	120	312	10.9	
SY-600KA-47		0°	220	125	442	11.3	
SY-600KB-45		30°	160	150	462	11.8	
SY-600KB1-46		45°	180	110	392	11.0	
SY-600KA-48		0°	340	120	442	12.6	
SY-600KB-46		30°	180	110	428	11.0	
SY-600KB-47		30°	220	195	501	13.2	
SY-600KB1-48		45°	340	120	400	12.4	
SY-600KC-48		90°	340	120	312	13.1	
SY-1400A-42		LGJQT-1400	0°	120	120	442	
SY-1400B-41	30°		100	100	419	7.4	
SY-1400B-42	30°		120	120	436	7.8	
SY-1400B1-42	45°		120	120	400	7.3	
SY-1400C-42	90°		120	120	312	7.1	
SY-1400A-43	0°		145	130	452	7.5	
SY-1400B-43	30°		145	130	445	8.0	
SY-1400B1-43	45°		145	130	407	7.4	
SY-1400C-43	90°		145	120	312	7.6	
SY-1400B-45	30°		160	150	462	8.5	
SY-1400B1-45	45°		160	160	428	8.1	
SY-1400C-46	90°		180	120	312	8.1	
SY-1400A-47	0°		220	125	442	8.1	
SY-1400B-46	30°		180	110	428	8.3	
SY-1400B-47	30°		220	195	501	9.9	
SY-1400B1-46	45°		180	110	392	7.7	
SY-1400A-48	0°		340	120	442	9.4	
SY-1400B1-48	45°		340	120	400	9.1	
SY-1400C-48	90°	340	120	312	9.8		
SY-1440NA-43	NAHLGJQ-1440	0°	145	135	562	10.5	孔深240

芯棒为热镀锌钢制件。

the core rod is made of hot-dip galvanized steel.

55. 大截面双导线铜铝过渡设备线夹 (SYG-AQ/BQ压缩型  
覆铜搪锡)

 Al-Cu Transition Connectors for Twin-Bundle Large Cross-sectional  
Conductors (Type SYG-AQ/BQ, Compression Type)


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)	备注 Remarks
		$\alpha$	a	$L_1$	L		
SYG-600KAQ-42	LGKK-600	0°	120	120	442	10.6	带芯棒 with core rod
SYG-600KBQ-41		30°	100	100	419	10.7	
SYG-600KB1Q-42		45°	120	120	400	10.6	
SYG-600KC-42		90°	120	120	312	10.4	
SYG-600KBQ-43		30°	145	130	445	11.3	
SYG-600KB1Q-45		45°	160	160	428	11.4	
SYG-600KCQ-46		90°	180	120	312	11.4	
SYG-600KAQ-43		0°	145	130	452	10.8	
SYG-600KBQ-42		30°	120	120	436	11.0	
SYG-600KB1Q-43		45°	145	130	407	10.7	
SYG-600KCQ-43		90°	145	120	312	10.9	
SYG-600KAQ-47		0°	220	125	442	11.3	
SYG-600KBQ-45		30°	160	150	462	11.8	
SYG-600KB1Q-46		45°	180	110	392	11.0	
SYG-600KAQ-48		0°	340	120	442	12.6	
SYG-600KBQ-46		30°	180	110	428	11.0	
SYG-600KBQ-47		30°	220	195	501	13.2	
SYG-600KB1Q-48		45°	340	120	400	12.4	
SYG-600KCQ-48		90°	340	120	312	13.1	
SYG-1400AQ-42		LGJQT-1400	0°	120	120	442	
SYG-1400BQ-41	30°		100	100	419	7.5	
SYG-1400BQ-42	30°		120	120	436	7.9	
SYG-1400B1Q-42	45°		120	120	400	7.4	
SYG-1400CQ-42	90°		120	120	312	7.4	
SYG-1400AQ-43	0°		145	130	452	7.7	
SYG-1400BQ-43	30°		145	130	445	8.2	
SYG-1400B1Q-43	45°		145	130	407	7.6	
SYG-1400CQ-43	90°		145	120	312	7.9	
SYG-1400AQ-45	0°		160	185	480	8.7	
SYG-1400BQ-45	30°		160	150	462	8.7	
SYG-1400B1Q-45	45°		160	160	428	8.3	
SYG-1400CQ-46	90°		180	120	312	8.4	
SYG-1400AQ-47	0°		220	125	442	8.2	
SYG-1400BQ-46	30°		180	110	428	8.5	
SYG-1400BQ-47	30°		220	195	501	10.3	
SYG-1400CQ-47	90°		220	125	312	9.9	
SYG-1400B1Q-46	45°		180	110	392	7.9	
SYG-1400AQ-48	0°		340	120	442	9.7	
SYG-1400B1Q-48	45°		340	120	400	9.4	
SYG-1400CQ-48	90°	340	120	312	10.2		
SYG-1440NAQ-43	NAHLGJQ-1440	0°	145	135	562	10.6	孔深240
SYG-1440NBQ-43		30°	145	135	540	10.6	

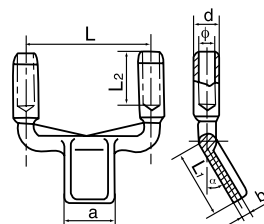
芯棒为热镀锌钢制件，附铜铝复合片或覆铜搪锡。



56. 大截面双导线设备线夹 (SY压缩型)

Termind Connectors for Twin-Bundle Large

Cross-sectional Conductors (SY Compression Type)

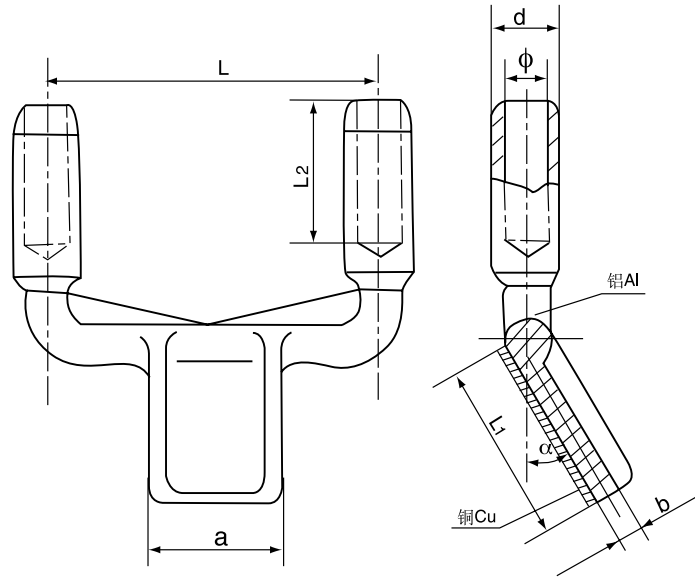


型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)							
		$\alpha$	a	L <sub>1</sub>	L	b	L <sub>2</sub>	d	$\phi$
SY-2×10KA/400-1	LGKK-600 (带芯棒)	0°	100	100	140	22	200	76	53
SY-2×10KB/400-1		30°				22			
SY-2×10KC/400-1		45°				26			
SY-2×10KD/400-1		90°				30			
SY-2×10KA/400-2	LGKK-600 (带芯棒)	30°	120	120	400	22	200	76	53
SY-2×10KB/400-2		45°				22			
SY-2×10KC/400-2		90°				26			
SY-2×10KD/400-2		0°				30			
SY-2×10KA/400-4	LGKK-600 (带芯棒)	30°	150	150	400	22	200	76	53
SY-2×10KB/400-4		45°				22			
SY-2×10KC/400-4		90°				26			
SY-2×10KD/400-4		0°				30			
SY-2×10KA/400-5	LGKK-600 (带芯棒)	30°	320	120	400	22	200	76	53
SY-2×10KB/400-5		45°				22			
SY-2×10KC/400-5		0°				26			
SY-2×10KD/400-5		30°				30			
SY-2×9KA/400-1	LGKK-900 (带芯棒)	30°	100	100	400	22	200	76	53
SY-2×9KB/400-1		45°				22			
SY-2×9KC/400-1		90°				26			
SY-2×9KD/400-1		0°				30			
SY-2×9KA/400-2	LGKK-900 (带芯棒)	30°	120	120	400	22	200	76	53
SY-2×9KB/400-2		30°				22			
SY-2×9KC/400-2		45°				26			
SY-2×9KD/400-2		90°				30			
SY-2×9KA/400-4	LGKK-900 (带芯棒)	0°	150	150	400	22	200	76	53
SY-2×9KB/400-4		30°				22			
SY-2×9KC/400-4		45°				26			
SY-2×9KD/400-4		90°				30			
SY-2×9KA/400-5	LGKK-900 (带芯棒)	0°	120	120	400	22	200	76	53
SY-2×9KB/400-5		30°				22			
SY-2×9KC/400-5		45°				26			
SY-2×9KD/400-5		90°				30			
SY-2×10A/400-1	LGJQT-1400	0°	100	100	400	22	200	76	53
SY-2×10B/400-1		30°				22			
SY-2×10C/400-1		45°				26			
SY-2×10D/400-1		90°				30			
SY-2×10A/400-2	LGJQT-1400	0°	120	120	400	22	200	76	53
SY-2×10B/400-2		30°				22			
SY-2×10C/400-2		45°				26			
SY-2×10D/400-2		90°				30			
SY-2×10A/400-4	LGJQT-1400	0°	150	150	400	22	200	76	53
SY-2×10B/400-4		30°				22			
SY-2×10C/400-4		45°				26			
SY-2×10D/400-4		90°				30			
SY-2×10A/400-5	LGJQT-1400	0°	120	120	400	22	200	76	53
SY-2×10B/400-5		30°				22			
SY-2×10C/400-5		45°				26			
SY-2×10D/400-5		90°				30			

芯棒为热镀锌钢制件，附铜铝复合片或覆铜搪锡。

## 57. 大截面双导线铜铝过渡设备线夹 (SYG压缩型)

Al-Cu Transition Connectors for Twin-Bundle Large Cross-sectional Conductors (Type SYG Type)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)							
		$\alpha$	a	$L_1$	L	b	$L_2$	d	$\phi$
SYG-2 × 10KA/400-2	LGKK-600 (带芯棒)	0°	120	120	400	22	200	76	53
SYG-2 × 10KB/400-2		30°				22			
SYG-2 × 10KC/400-2		45°				26			
SYG-2 × 10KD/400-2		90°				30			
SYG-2 × 10KA/400-4	LGKK-600 (带芯棒)	30°	150	150	400	22	200	76	53
SYG-2 × 10KB/400-4		45°				22			
SYG-2 × 10KC/400-4		90°				26			
SYG-2 × 10KD/400-4		0°				30			
SYG-2 × 9KA/400-2	LGKK-900 (带芯棒)	30°	120	120	400	22	200	76	53
SYG-2 × 9KB/400-2		45°				22			
SYG-2 × 9KC/400-2		90°				26			
SYG-2 × 9KD/400-2		0°				30			
SYG-2 × 9KA/400-4	LGKK-900 (带芯棒)	30°	150	150	400	22	200	76	53
SYG-2 × 9KB/400-4		45°				22			
SYG-2 × 9KC/400-4		0°				26			
SYG-2 × 9KD/400-4		30°				30			
SYG-2 × 10KA/400-2	LGJQT-1400	30°	120	120	400	22	200	76	53
SYG-2 × 10KB/400-2		45°				22			
SYG-2 × 10KC/400-2		90°				26			
SYG-2 × 10KD/400-2		0°				30			
SYG-2 × 10KA/400-4	LGJQT-1400	30°	150	150	400	22	200	76	53
SYG-2 × 10KB/400-4		30°				22			
SYG-2 × 10KC/400-4		45°				26			
SYG-2 × 10KD/400-4		90°				30			

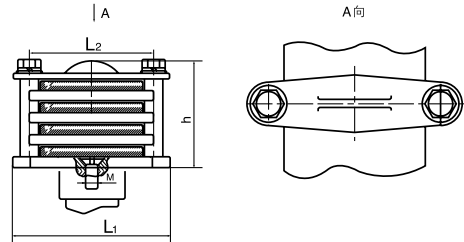
芯棒为热镀锌钢制件，附铜铝复合片或覆铜搪锡。

## 八、母线金具

### BUS-BAR FITTING

#### 1. 户内矩形母线固定金具(MNP型平放式)

Horizontal Bus-bar Supports(Type MNP,One piece,Indoor)



型号 Catalog No.	母线宽度和片数		主要尺寸 Dimensions(mm)				重量 Weigh (kg)
	宽度(mm)	数量	M	h	L <sub>1</sub>	L <sub>2</sub>	
MNP-101	63	1	10	38	113	83	0.4
MNP-102	80		10	42	130	100	0.5
MNP-103	100		10	46	150	120	0.6
MNP-104	125		10	48	175	145	0.6
MNP-105	63		16	38	113	83	0.4
MNP-106	80		16	42	130	100	0.5
MNP-107	100		16	46	150	120	0.6
MNP-108	125		16	48	175	145	0.6
MNP-201	63	2	10	58	113	83	0.7
MNP-202	80		10	62	130	100	0.8
MNP-203	100		10	66	150	120	1.0
MNP-204	125		10	68	175	145	1.0
MNP-205	63		16	58	113	83	0.7
MNP-206	80		16	62	130	100	0.8
MNP-207	100		16	66	150	120	1.0
MNP-208	125		16	68	175	145	1.0
MNP-301	63	3	10	78	113	83	0.9
MNP-302	80		10	82	130	100	0.9
MNP-303	100		10	86	150	120	1.2
MNP-304	125		10	88	175	145	1.3
MNP-305	63		16	78	113	83	0.8
MNP-306	80		16	82	130	100	0.9
MNP-307	100		16	86	150	120	1.1
MNP-308	125		16	88	175	145	1.2
MNP-401	63	4	10	98	113	83	1.1
MNP-402	80		10	102	130	100	1.1
MNP-403	100		10	106	150	120	1.4
MNP-404	125		10	108	175	145	1.5
MNP-405	63		16	98	113	83	1.0
MNP-406	80		16	102	130	100	1.1
MNP-407	100		16	106	150	120	1.3
MNP-408	125		16	108	175	145	1.4

## 2. 户外矩形母线固定金具(MWP型平放式)

Horizontal Bus-bar Supports(Type MWP,One piece,Indoor)

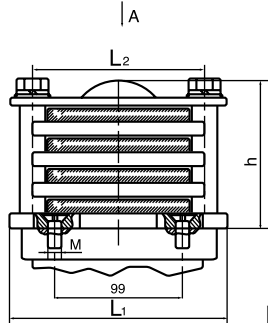


图1 fig.1

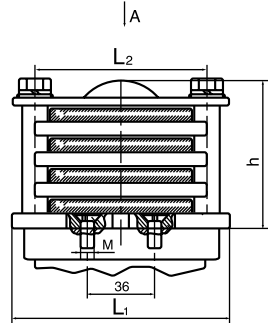
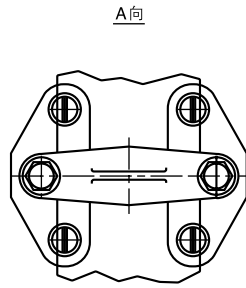
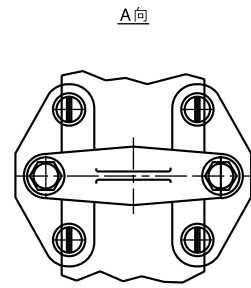


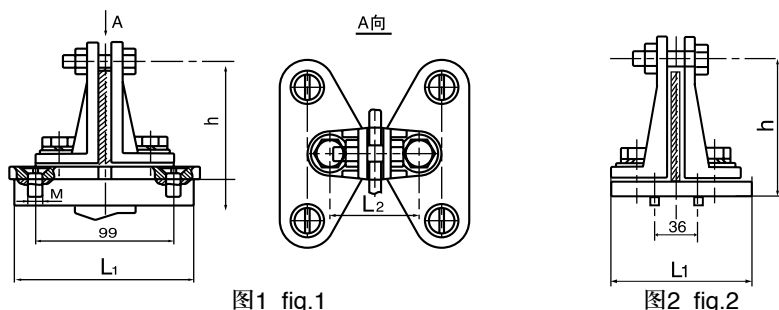
图2 fig.2



型号 Catalog No.	母线宽度和片数		主要尺寸 Dimensions(mm)				图示 Fig No.	重量 Weigh (kg)
	宽度(mm)	数量	M	h	L <sub>1</sub>	L <sub>2</sub>		
MWP-101	63	1	12	38	140	83	1	1.2
MWP-102	80		12	42	140	100		1.2
MWP-103	100		12	46	180	120		1.3
MWP-104	125		12	48	180	145		1.3
MWP-201	63	2	12	58	140	83		1.5
MWP-202	80		12	62	140	100		1.5
MWP-203	100		12	66	180	120		16
MWP-204	125		12	68	180	145		1.7
MWP-301	63	3	12	78	140	83		1.7
MWP-302	80		12	82	140	100		1.8
MWP-303	100		12	86	180	120		1.8
MWP-304	125		12	88	180	145		1.9
MWP-401	63	4	12	98	150	83		1.9
MWP-402	80		12	102	150	100		2.0
MWP-403	100		12	106	180	120		2.0
MWP-404	125		12	108	180	145		2.2
MWP-105	63	1	8	38	113	83	2	0.4
MWP-106	80		8	42	130	100		0.5
MWP-107	100		8	46	150	120		0.6
MWP-108	125		8	48	175	145		0.6
MWP-205	63	2	8	58	113	83		0.4
MWP-206	80		8	62	130	100		0.5
MWP-207	100		8	66	150	120		0.6
MWP-208	125		8	68	175	145		0.6
MWP-305	63	3	8	78	113	83		0.7
MWP-306	80		8	82	130	100		0.8
MWP-307	100		8	86	150	120		1.0
MWP-308	125		8	88	175	145		1.0
MWP-405	63	4	8	98	113	83		0.7
MWP-406	80		8	102	130	100		0.8
MWP-407	100		8	106	150	120		1.0
MWP-408	125		8	108	175	145		10

### 3. 户外一片矩形母线固定金具 (MWL型立放式)

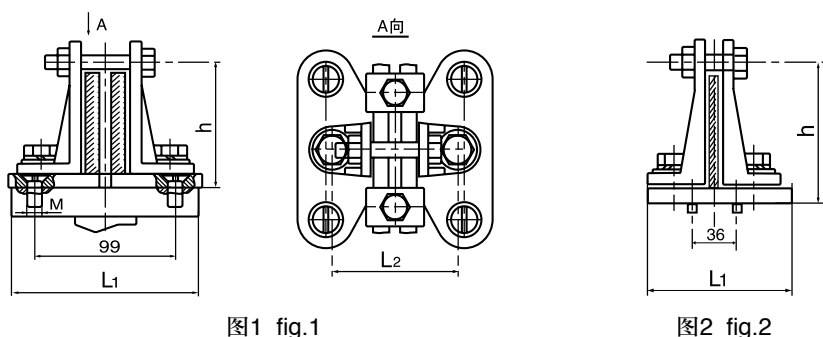
Vertical Bus-bar Supports(Type MWL,One piece,Outdoor)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				图示 Fig No.	参考重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>		
MWL-101	63	12	82	140	60	1	2.1
MWL-102	80	12	100	140	60		2.2
MWL-103	100	12	120	140	60		2.3
MWL-104	125	12	145	140	60		2.3
MWL-105	63	8	82	90	60	2	2.1
MWL-106	80	8	100	90	60		2.2
MWL-107	100	8	120	90	60		2.3
MWL-108	125	8	145	90	60		2.3

### 4. 户外二片矩形母线固定金具 (MWL型立放式)

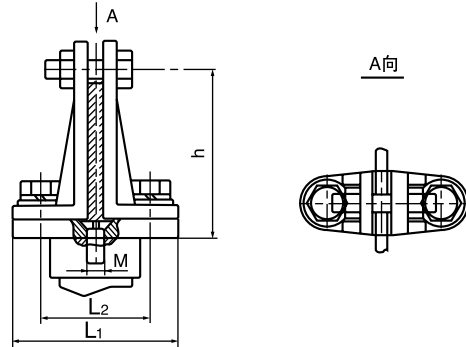
Vertical Bus-bar Supports(Type MWL.TWO pieces,Outdoor)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				图示 Fig No.	参考重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>		
MWL-201	63	12	82	140	75	1	2.1
MWL-202	80	12	100	140	75		2.2
MWL-203	100	12	120	140	75		2.3
MWL-204	125	12	145	140	75		2.3
MWL-205	63	8	82	113	75	2	2.1
MWL-206	80	8	100	113	75		2.2
MWL-207	100	8	120	113	75		2.3
MWL-208	125	8	145	113	75		2.3

## 5. 户内一片矩形母线固定金具 (MNL型立放式)

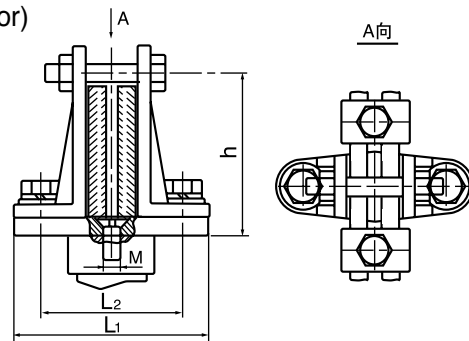
Vertical Bus-bar Supports(Type MNL.One piece,Indoor)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>	
MNL-101	63	10	82	90	60	0.9
MNL-102	80	10	100	90	60	1.0
MNL-103	100	10	120	90	60	1.1
MNL-104	125	10	145	90	60	1.2
MNL-105	63	16	82	90	60	0.9
MNL-106	80	16	100	90	60	1.0
MNL-107	100	16	120	90	60	1.1
MNL-108	125	16	145	90	60	1.2

## 6. 户内二片矩形母线固定金具 (MNL型立放式)

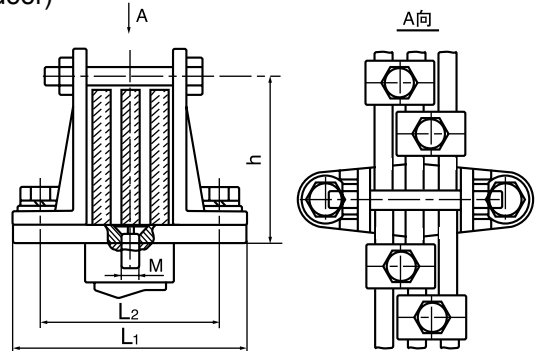
Vertical Bus-bar Supports(Type MNL.Two pieces,Indoor)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>	
MNL-201	63	10	82	113	83	0.9
MNL-202	80	10	100	113	83	1.0
MNL-203	100	10	120	113	83	1.1
MNL-204	125	10	145	113	83	1.2
MNL-205	63	16	82	113	83	0.9
MNL-206	80	16	100	113	83	1.0
MNL-207	100	16	120	113	83	1.1
MNL-208	125	16	145	113	83	1.2

7. 户内三片矩形母线固定金具 (MNL型立放式)

Vertical Bus-bar Supports(Type MNL.Three pieces,Indoor)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>	
MNL-301	63	10	82	130	100	0.9
MNL-302	80	10	100	130	100	1.0
MNL-303	100	10	120	130	100	1.1
MNL-304	125	10	145	130	100	1.2
MNL-305	63	16	82	130	100	0.9
MNL-306	80	16	100	130	100	1.0
MNL-307	100	16	120	130	100	1.1
MNL-308	125	16	145	130	100	1.2

8. 户外三片矩形母线固定金具 (MWL型立放式)

Vertical Bus-bar Supports(Type MWL.Three pieces,Outdoor)

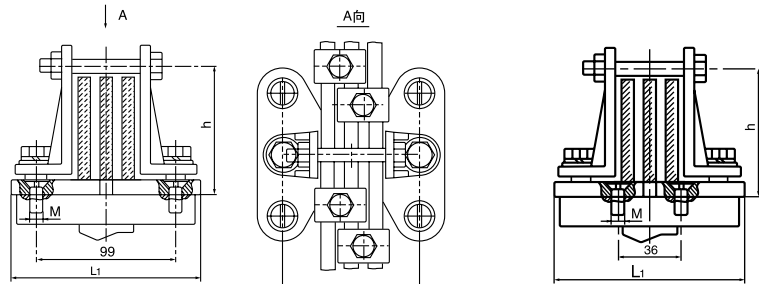


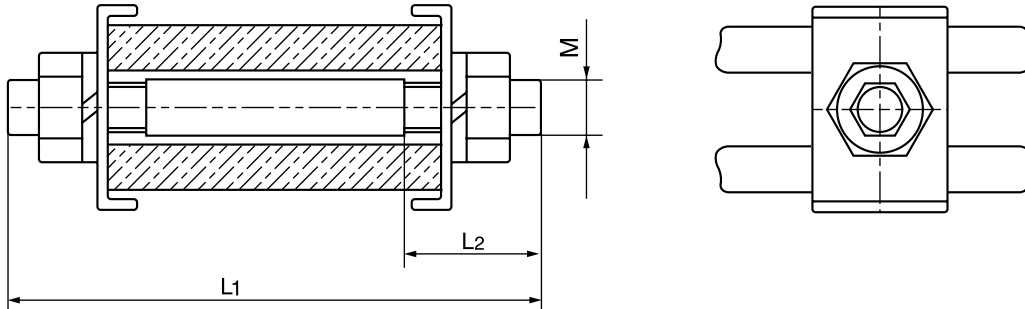
图1 fig.1

图2 fig.2

型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				图示 Fig No.	参考重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>		
MWL-301	63	12	82	140	100	1	2.2
MWL-302	80	12	100	140	100		2.3
MWL-303	100	12	120	180	100		2.3
MWL-304	125	12	145	180	100		2.4
MWL-305	63	8	82	113	100	2	2.2
MWL-306	80	8	100	130	100		2.3
MWL-307	100	8	120	150	100		2.3
MWL-308	125	8	145	175	100		2.4

## 9. 矩形母线间隔 (MJG型)

Rectangular Bus-bar Spacer (Type MJG)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions (mm)			重量 Weight (kg)
		M	L <sub>1</sub>	L <sub>2</sub>	
MJG-01	63	10	100	26	0.1
MJG-02	80	10	120	26	0.1
MJG-03	100	10	140	26	0.2
MJG-04	125	10	160	26	0.2

## 10. 槽形母线固定金具 (MCW型户外MCN型户内)

Channel Bus-bar Supports (Type MCW, Outdoor)

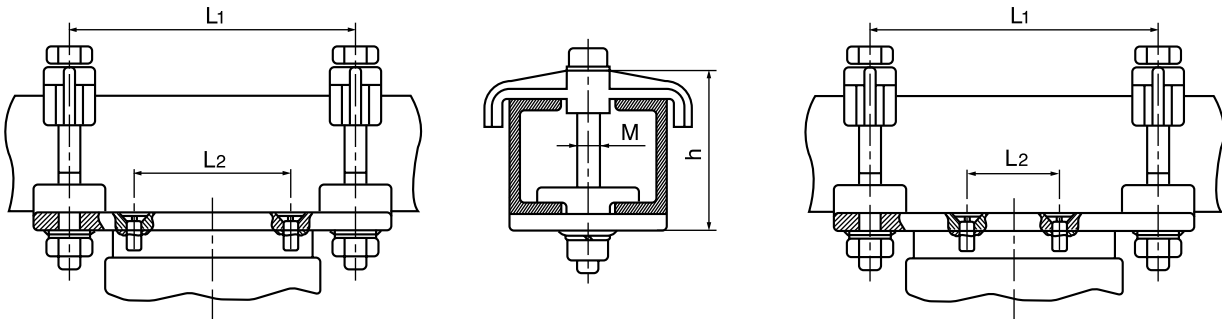


图1 fig.1

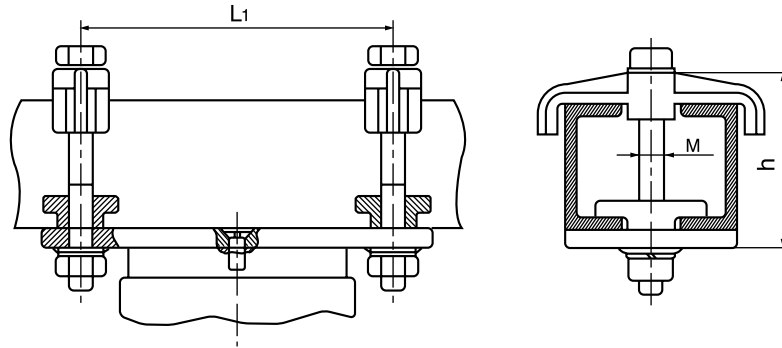
图2 fig.2

型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions (mm)				图示 Fig No.	重量 Weight (kg)
		M	h	L <sub>1</sub>	L <sub>2</sub>		
MCW-100	100	12	132	250	140	1	5.6
MCW-125	125	12	157	250	140		5.7
MCW-150	150	12	182	250	140		5.8
MCW-175	175	12	212	250	140		6.0
MCW-200	200	12	245	250	140		6.1
MCW-225	225	12	270	250	140		6.3
MCW-250	250	12	300	250	140		6.5
MCN-100-1	100	12	132	200	76	2	5.6
MCN-125-1	125	12	157	200	76		5.7
MCN-150-1	150	12	182	200	76		5.8
MCN-175-1	175	12	212	200	76		6.0
MCN-200-1	200	12	245	200	76		6.1
MCN-225-1	225	12	270	200	76		6.3
MCN-250-1	250	12	300	200	76		6.5



### 11. 槽形母线固定金具 (MCN型户内)

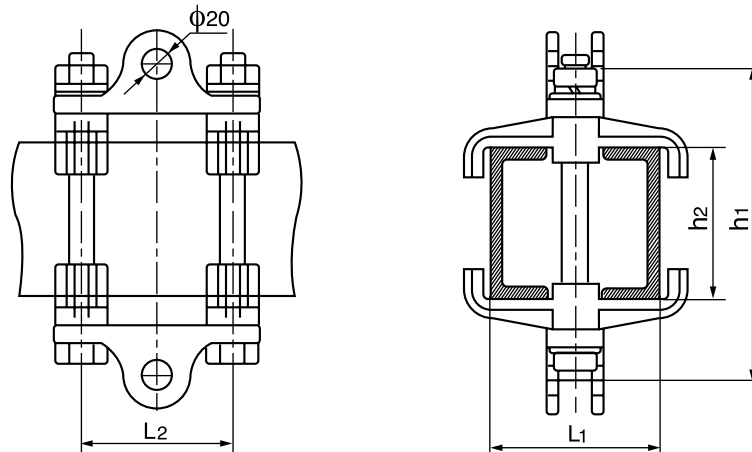
Channel Bus-bar Supports(Type MCN, Indoor)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)			重量 Weight (kg)
		M	h	L <sub>1</sub>	
MCN-100	100	16	132	200	3.9
MCN-125	125	16	157	200	4.0
MCN-150	150	16	182	200	4.1
MCN-175	175	16	212	200	4.2
MCN-200	200	16	245	200	4.3
MCN-225	225	16	270	200	4.4
MCN-250	250	16	300	200	4.6

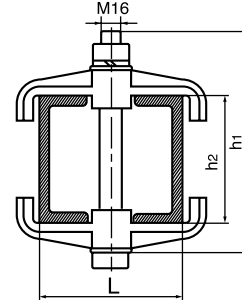
### 12. 槽形母线吊挂金具 (MCD型)

Channel Bus-bar Suspension Supports(Type MCD)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	
MCD-1	200	332	200	214	100	5.3
MCD-2	225	357	225	244	100	5.6
MCD-3	250	382	250	264	100	5.9
MCD-150	150	256	150	164	100	4.8

### 13. 槽形母线间隔垫 (MCG型) Channel Bus-bar Spaceers(Type MCG)



型号 Catalog No.	母线宽度 Width of Bus-bar (mm)	主要尺寸 Dimensions(mm)			重量 Weight (kg)
		$h_1$	$h_2$	L	
MCG-1	200	300	200	214	1.9
MCG-2	225	320	225	244	2.1
MCG-3	250	380	250	264	2.2

### 14. 单导线固定金具 (MDG型) Supports for Single Conductor (Type MDG)

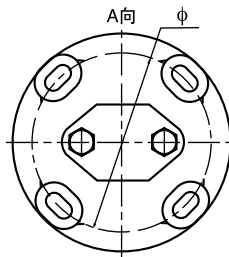
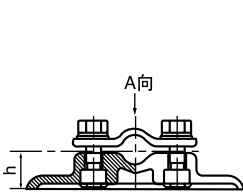


图1 fig.1

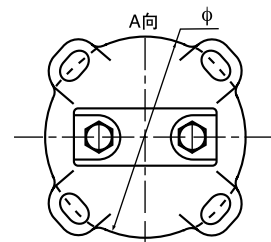
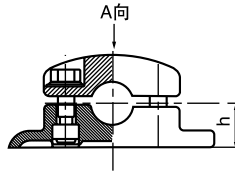
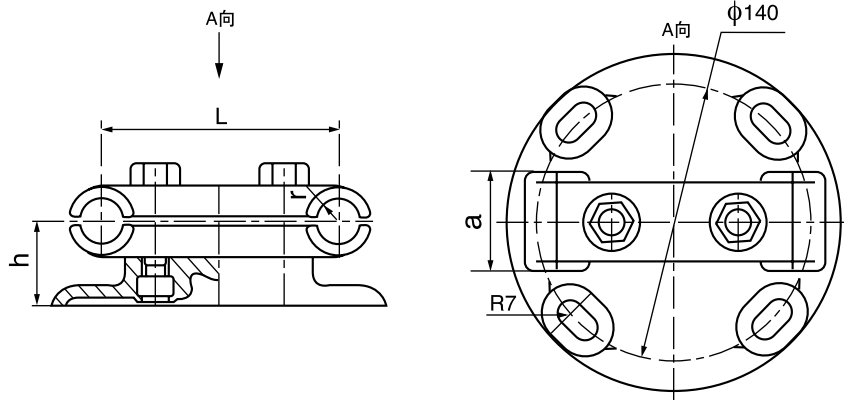


图2 fig.2

型号 Catalog No.	适用导线 Suitable Conductor (mm)	主要尺寸Dimensions(mm)		图示 Fig No.	重量 Weight (kg)	
		$\phi$	h			
MDG-4	19.02~21.28(mm)	22	30	1	0.7	
MDG-5	23.70~27.36(mm)	28	33		0.7	
MDG-6	30.16~33.20(mm)	34	36		0.7	
MDG-400N-127	NAHLGJQ-400	127	38		2	1.6
MDG-600K-127	LGKK-600	127	52			4.5
MDG-600K-140	LGKK-600	140	42.5			4.6
MDG-600K-190	LHKK-600	190	58	4.7		
MDG-600k-225	LGKK-600	225	38	4.7		
MDG-600k-250	LGKK-600	250	52	5.2		
MDG-1400-127	LGJQT-1400	127	42.5	4.5		
MDG-1400-140	LGJQT-1400	140	58	4.5		
MDG-1400-190	LGJQT-1400	190	58	4.6		
MDG-1400-225	LGJQT-1400	225	58	4.7		
MDG-1400-250	LGJQT-1400	250	58.5	4.8		
MDG-900K-190	LGKK-900	190	52	2.1		
MDG-1440N-127	NAHLGJQ-1440	127	42.5	4.5		
MDG-1440N-140	NAHLGJQ-1440	140	58	4.6		
MDG-1440N-190	NAHLGJQ-1440	190	58	4.7		
MDG-1440N-225	NAHLGJQ-1440	225	58	4.7		
MDG-1440N-250	NAHLGJQ-1440	250	58	5.2		
MDG-500N-254	NAHLGJQ-500	254	58	3.5		
MDG-1000N-254	NAHLGJQ-1000	254	68	4.2		
MDG-1400N-254	NAHLGJQ-1400	254	68	5.2		

15. 软母线固定金具 (MSG型双母线用)

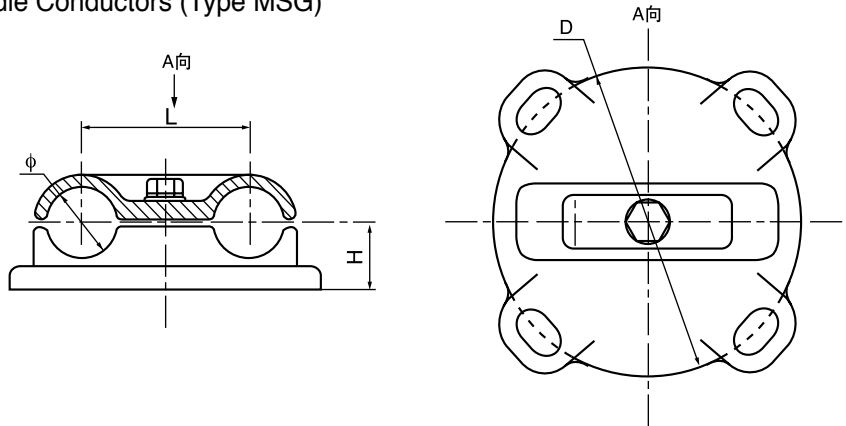
Supports for twin bundle Conductors (Type MSG)



型号 Catalog No.	适用导线直径 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	r	h	L	
MSG-4/120	18.1-22.0	50	11	47	120	1.3
MSG-5/120	23.0-28.0	60	14	50	120	1.2
MSG-6/120	29.1-34.0	70	17	53	120	1.1
MSG-4/200	18.1-22.0	50	11	47	200	1.5
MSG-5/200	23.0-28.0	60	14	50	200	1.6
MSG-6/200	29.1-34.0	70	17	53	200	1.8
MSG-4/400	18.1-22.0	50	11	47	400	2.8
MSG-5/400	23.0-28.0	60	14	50	400	3.1
MSG-6/400	29.1-34.0	70	17	53	400	3.4
MSG-9/400	45.0-48.0	60	24	85	400	4.3
MSG-10/400	50.0-54.0	70	27	85	400	4.6

16. 软母线固定金具 (MSG型双母线用)

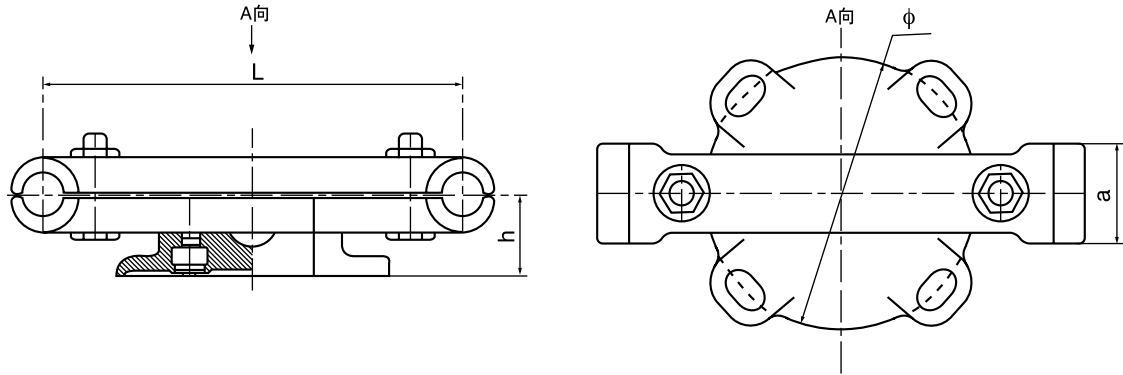
Supports for twin bundle Conductors (Type MSG)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		D	φ	H	L	
MSG-900K-120/225	LGKK-900	225	52	60	120	2.46

## 17. 双导线固定金具 (MSG型)

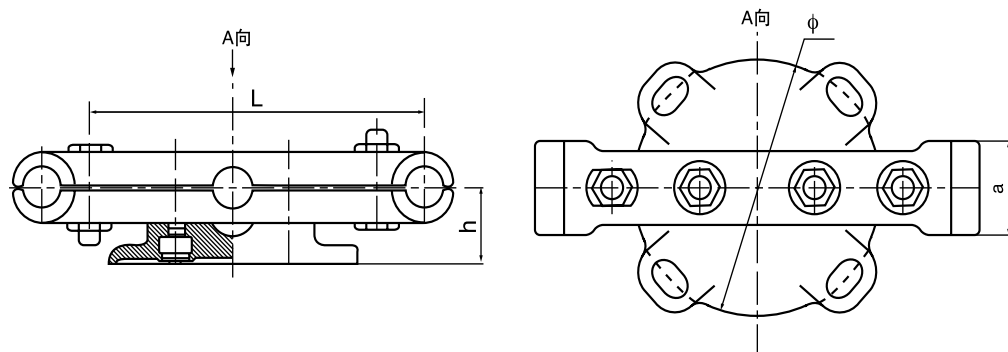
Supports for twin-bundle Conductors (Type MSG)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	a	h	L	
MSG-900K-140/120	LGKK-900	140	50	60	120	2.4
MSG-900K-190/120	LGKK-900	190	52	58.5	120	2.4
MSG-600K-140/120	LGKK-600	140	50	62	120	2.7
MSG-600K-127/200	LGKK-600	127	60	80	200	4.9
MSG-600K-140/200	LGKK-600	140	60	80	200	5.0
MSG-600K-190/200	LGKK-600	190	60	85	200	3.2
MSG-600K-225/200	LGKK-600	225	60	85	200	4.1
MSG-600K-250/200	LGKK-600	250	60	85	200	4.2
MSG-600K-190/400	LGKK-600	190	60	85	400	3.3
MSG-600K-225/400	LGKK-600	225	60	85	400	4.3
MSG-600K-250/400	LGKK-600	250	60	85	400	4.4
MSG-1400-140/120	LGJQT-1400	140	50	62	120	2.7
MSG-1400-127/200	LGJQT-1400	127	60	80	200	4.9
MSG-1400-140/200	LGJQT-1400	140	60	80	200	5.0
MSG-1400-190/200	LGJQT-1400	190	60	85	200	3.1
MSG-1400-225/200	LGJQT-1440	225	60	85	200	4.1
MSG-1400-250/200	LGJQT-1440	250	60	85	200	4.2
MSG-1400-190/400	LGJQT-1400	190	60	85	400	3.3
MSG-1400-225/400	LGJQT-1400	225	60	85	400	4.3
MSG-1400-250/400	LGJQT-1400	250	60	85	400	4.4
MSG-400N-127/200	NAHLGJQ-400	127	60	63	200	2.8
MSG-1440N-127/200	NAHLGJQ-1440	127	60	80	200	4.9
MSG-1440N-140/200	NAHLGJQ-1440	140	60	80	200	5.0
MSG-1440N-190/200	NAHLGJQ-1440	190	60	85	200	3.1
MSG-1440N-225/200	NAHLGJQ-1440	225	60	85	200	4.1
MSG-1440N-250/200	NAHLGJQ-1440	250	60	85	200	4.2
MSG-1440N-190/400	NAHLGJQ-1440	190	60	85	400	3.3
MSG-1440N-225/400	NAHLGJQ-1440	225	60	85	400	4.3
MSG-1144N-225/400	NAHLGJQ-1144	225	60	85	400	4.3

### 18. 三分裂母线固定金具 (MSG型)

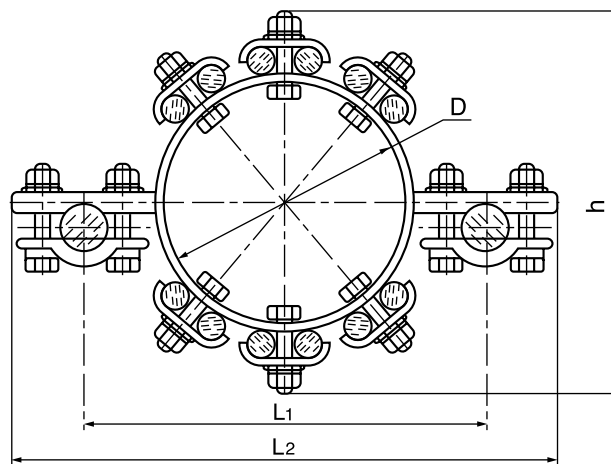
Supports for Three-Bundle Bus-bar (Type MSG)



型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		φ	a	h	L	
MSG-1440N-140/2 × 120	NAHLGJQ-1440	140	50	62	120	2.7
MSG-1440N-190/2 × 200	NAHLGJQ-1440	190	60	85	200	3.3
MSG-1440N-225/2 × 200	NAHLGJQ-1440	225	60	85	200	4.3
MSG-1440N-250/2 × 200	NAHLGJQ-1440	250	60	85	200	4.4

### 19. 组合母线圆环 (YH型)

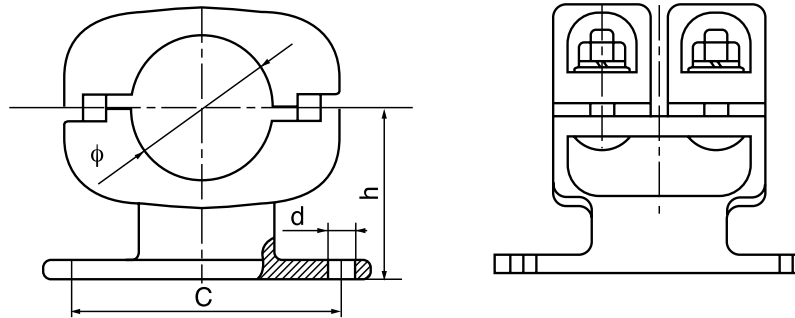
Ring Supports for Bundle Bus-bar (Type YH)



型号 Catalog No.	适用导线 Suitable Conductor		主要尺寸 Dimensions(mm)				参考重量 Weight (kg)			
	钢芯铝绞 ACSR		铝绞线 AAC							
	D	h	L <sub>1</sub>	L <sub>2</sub>						
MYH(2+8) {YH(2+8)}	2 × {	LGJ-185/10	8	LJ-120	120	220	210	290	2.3	
MYH(2+12) {YH(2+12)}		LGJ-240/30	12		LJ-150	160	260	250	330	2.8
MYH(2+16) {YH(2+16)}		LGJ-300/15	16		LJ-185	200	300	290	370	3.6
MYH(2+20) {YH(2+20)}		LGJ-400/20	20			240	340	330	410	4.1
MYH(2+24) {YH(2+24)}			24			280	380	370	450	4.7

## 20. 管形母线固定金具 (MGG型)

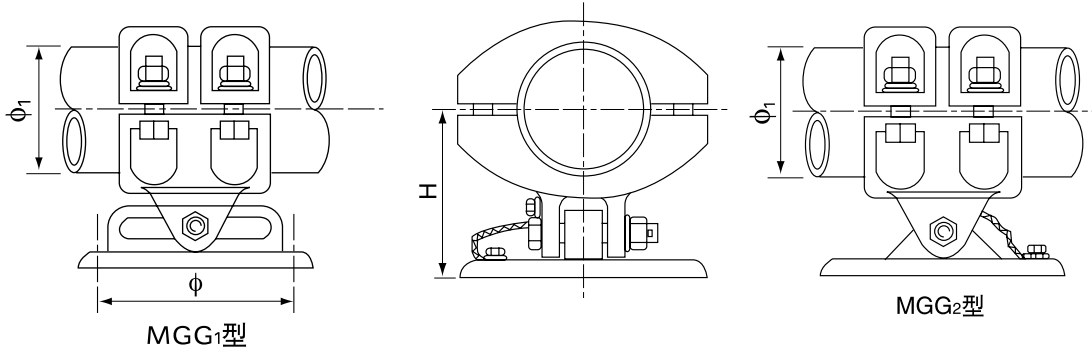
Tubular Bus-bar Supports (Type MGG)

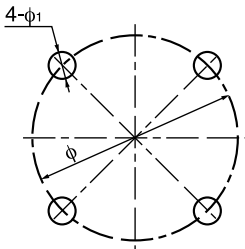


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		φ	c	d	h	
MGG-50	φ50/44	50	140	14	80	2.1
MGG-60	φ60/54	60			90	2.5
MGG-70	φ70/64	70			90	2.8
MGG-80	φ80/72	80			98	4.0
MGG-90	φ90/80	90			102	4.3
MGG-100	φ100/90	100			114	4.5
MGG-110	φ110/100	110			120	4.8
MGG-120	φ120/110	120			122	5.3
MGG-130	φ130/116	130			135	7.3
MGG-150	φ150/136	150			150	8.2
MGG-130A	φ130/116	130	190	18	135	7.5
MGG-150A	φ150/156	150			150	8.6
MGG-170A	φ170/156	170			170	9.2
MGG-130B	φ130/116	130	225	20	135	7.6
MGG-150B	φ150/136	150			150	8.4
MGG-170B	φ170/150	170			170	9.5
MGG-200B	φ200/180	200			190	13.5
MGG-250B	φ250/230	250			190	19.2
MGG-130C	φ130/116	130	254	20	135	8.0
MGG-150C	φ150/136	150			150	8.8
MGG-170C	φ170/156	170			170	9.8
MGG-200C	φ200/180	200			190	13.9
MGG-250C	φ250/230	250			190	19.6
MGG-120D	φ120/110	120	280	20	122	8.2
MGG-130D	φ130/116	130			135	8.5
MGG-150D	φ150/136	150			150	9.1
MGG-170D	φ170/156	170			170	10.2
MGG-200D	φ200/180	220			190	14.2
MGG-250D	φ250/230	250			190	14.9

21. 管母线摆动型固定金具(MGG<sub>1</sub>滑动支撑摆动型/MGG<sub>2</sub>固定摆动型)

Bus-bar Supports of Type MGG<sub>1</sub>&MGG<sub>2</sub>



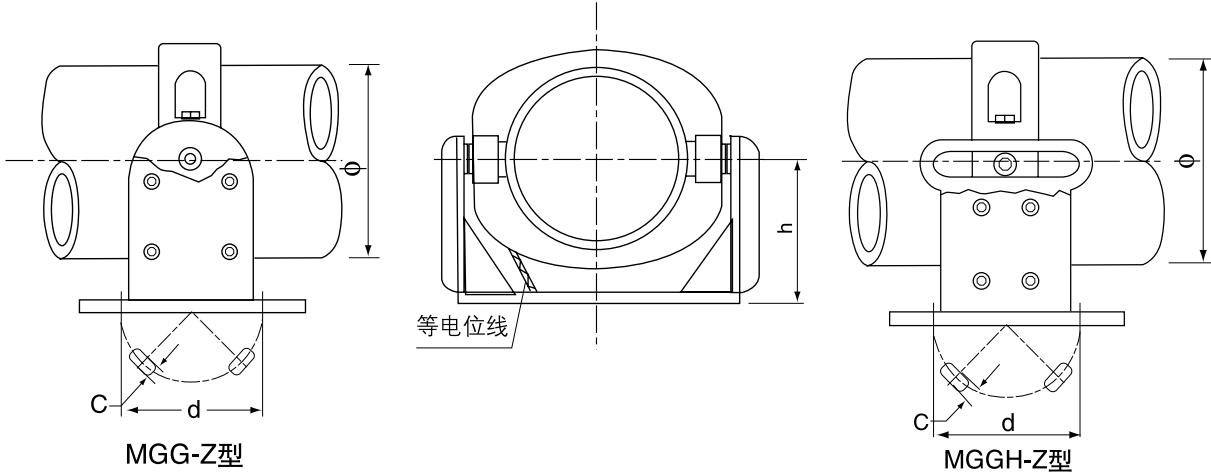
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	适用支柱绝缘子孔直径及托架尺寸φ Diameter of Insulator and Bracket	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
			φ <sub>1</sub>	H	
MGG <sub>1</sub> -50	φ50		50	90	2.5
MGG <sub>1</sub> -60	φ60		60	100	2.9
MGG <sub>1</sub> -70	φ70		70	110	3.6
MGG <sub>1</sub> -80	φ80		80	115	3.9
MGG <sub>1</sub> -90	φ90		90	125	5.1
MGG <sub>1</sub> -100	φ100		100	135	5.3
MGG <sub>1</sub> -110	φ110		110	145	5.9
MGG <sub>1</sub> -120	φ120		120	145	6.2
MGG <sub>1</sub> -130	φ130		130	155	8.6
MGG <sub>1</sub> -100(225)	φ100		100	135	6.2
MGG <sub>1</sub> -110(225)	φ110		110	145	6.9
MGG <sub>1</sub> -120(225)	φ120		120	145	7.4
MGG <sub>1</sub> -130(225)	φ130		130	155	9.4
MGG <sub>1</sub> -150	φ150		150	160	9.8
MGG <sub>1</sub> -170	φ170		170	180	10.2
MGG <sub>1</sub> -200(225)	φ200		200	210	10.9
MGG <sub>1</sub> -150(225)	φ150		150	160	10.8
MGG <sub>1</sub> -170(225)	φ170		170	180	11.2
MGG <sub>1</sub> -200(225)	φ200		200	210	11.4
MGG <sub>2</sub> -50	φ50		--	--	--
MGG <sub>2</sub> -60	φ60		--	--	--
MGG <sub>2</sub> -70	φ70		70	125	4.5
MGG <sub>2</sub> -80	φ80		80	130	5.0
MGG <sub>2</sub> -90	φ90		90	130	5.4
MGG <sub>2</sub> -100	φ100		100	135	6.0
MGG <sub>2</sub> -110	φ110		110	145	6.3
MGG <sub>2</sub> -120	φ120		120	145	6.5
MGG <sub>2</sub> -130	φ130		130	155	7.0
MGG <sub>2</sub> -150	φ150	150	160	7.7	
MGG <sub>2</sub> -170	φ170	170	180	9.5	
MGG <sub>2</sub> -200	φ200	200	210	11.2	
MGG <sub>2</sub> -150	φ250	250	248	12.9	

表中φ为127、140、190、225、250，请用户在订货时注明需要的一种孔距及4-φ1孔径。例：MGG2-170/φ225(4-φ18)

The value of “φ” in the Fig. are 127, 140, 190, 225, 250, Please indicate the value of “φ” and “4-φ1” when place the order. For example, MGG2-170/φ225(4-φ18).

## 23. MGG(Z)型固定金具 (固定支撑)

Bus-bar Supports of Type MGG(Z) (Fixed Support Type)



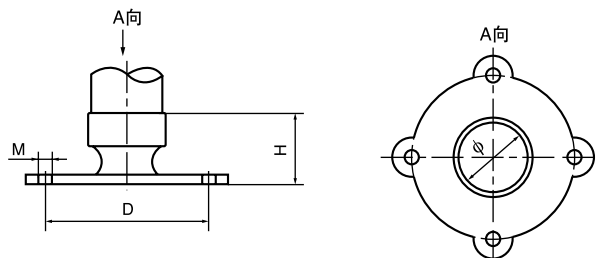
型号 Catalog No.	管母线外径(mm) Bus-bar Dia.	主要尺寸Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	d	h	C	
MGG-100Z(140)	$\phi 100$	100	140	120	14	4.5
MGG-110Z(140)	$\phi 110$	110	140	125	14	6.5
MGG-120Z(140)	$\phi 120$	120	140	130	14	7.8
MGG-130Z(140)	$\phi 130$	130	140	140	14	10.8
MGG-100Z(225)	$\phi 100$	100	225	120	18	7.5
MGG-110Z(225)	$\phi 110$	110	225	125	18	10.0
MGG-120Z(225)	$\phi 120$	120	225	130	18	11.5
MGG-130Z(225)	$\phi 130$	130	225	140	18	14.5
MGG-150Z(225)	$\phi 150$	150	225	145	18	21.8
MGG-170Z(225)	$\phi 170$	170	225	165	18	29.5
MGG-200Z(225)	$\phi 200$	200	225	175	18	33.6
MGG-250Z(225)	$\phi 250$	250	225	200	18	36.0
MGG-150Z(250)	$\phi 150$	150	250	145	18	24.5
MGG-170Z(250)	$\phi 170$	170	250	165	18	33.8
MGG-200Z(250)	$\phi 200$	200	250	175	18	35.0
MGG-250Z(254)	$\phi 250$	250	254	200	18	36.0
MGGH-100Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-110Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-120Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-130Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-100Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-110Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-120Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-130Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-150Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-170Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-200Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-250Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-150Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-170Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-200Z(140)	$\phi 250$	250	254	200	18	36.0
MGGH-250Z(140)	$\phi 250$	250	254	200	18	36.0

 注: 尺寸可根据用户的需要制定, 例: 绝缘子盘径为 $\phi 127$ 时型号为MGG1-170/ $\phi 127(4-\phi 18)$ 。



### 23. 管形母线终端固定金具 (MGD型)

Tubular Bus-bar End Supports (Type MGD)

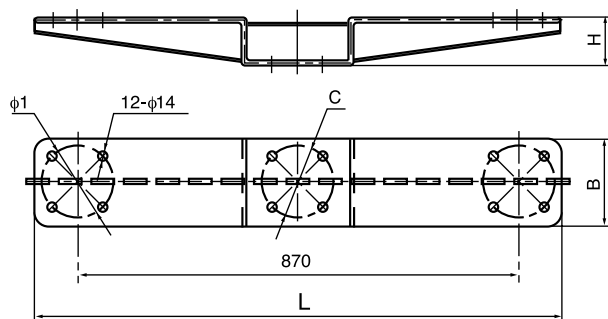


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		D	M	H	$\phi$	
MGD-50 × 140	50/44	140	12	55	50	1.37
MGD-60 × 140	60/54	140	12	58	60	1.43
MGD-70 × 140	70/64	140	12	82	70	1.5
MGD-80 × 140	80/74	140	12	82	80	2.2
MGD-90 × 140	90/82	140	12	100	90	2.4
MGD-100 × 140	100/90	140	12	108	100	2.5
MGD-70 × 190(MGG-70D)	70/64	190	12	85	70	1.8
MGD-80 × 190(MGG-80D)	80/74	190	12	85	80	2.4
MGD-100 × 190(MGG-100D)	100/90	190	12	88	100	2.6
MGD-70 × 225	70/64	225	16	86	70	2.9
MGD-80 × 225	80/74	225	16	86	80	3.1
MGD-100 × 225	100/90	225	16	96	100	3.3
MGD-110 × 225(MGG-110D)	110/100	225	16	105	110	3.5
MGD-120 × 225(MGG-120D)	120/110	225	16	120	120	3.8
MGD-130 × 225(MGG-130D)	130/116	225	16	120	130	3.9
MGD-150 × 225(MGG-150D)	150/136	225	16	130	150	4.3
MGG-170D	170/156	225	16	140	170	4.9

### 24. 托架Bracket

#### 24-1. 托架(MGJ型)

Supporters (Type MGJ)

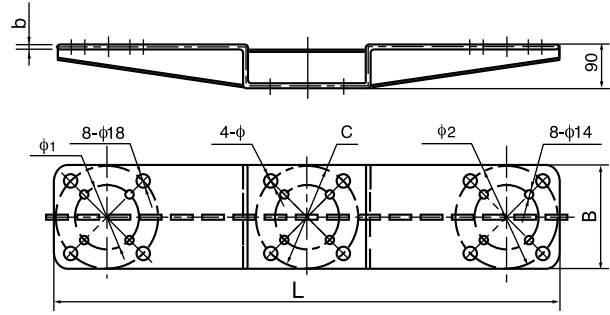


型号 Catalog No.	适用固定金具型号 Suitable Fixed Fitting	适用支柱绝缘子孔直径及托架尺寸 $\phi$ Suitable Diameter of insulator	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
			L	B	H	$\phi_1$	
MGJ-104	MGG-70	127 ~ 140	1040	170	90	140	14
	MGG-80						
	MGG-90						
	MGG-100						
	MGG-120						

尺寸C也可根据设计需要确定, 订货时注明, 如: MGJ-104/ $\phi$  140 (4- $\phi$  18)。

The dimension of "C" is determined according to designation, Please indicate the value when place the order, For example, MGJ-104/ $\phi$  140 (4- $\phi$  18).

24-2.

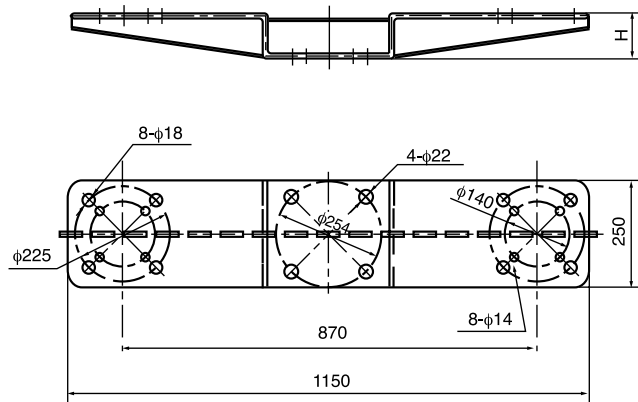


型号 Catalog No.	适用固定金具型号 Suitable Fixed Fitting	主要尺寸 Dimensions(mm)				
		L	B	$\phi_1$	$\phi_2$	b
MGJ-105	MGG-70	1050	170	140	*	6
	MGG-80					
	MGG-100					
	MGG-110					
	MGG-120					
MGJ-110	MGG-130B	1100	225	140	225	8
	MGG-150B					
	MGG-170B					
	MGG-200B					
	MGG-250B					

尺寸C及4- $\phi$ 可根据设计需要确定, 订货时注明, 如: MGJ-110/ $\phi$ 140 (4- $\phi$ 18)。

The dimensions of "C" and "4- $\phi$ " are determined according to designation, Please indicate the value when place the order, For example, MGJ-110/ $\phi$ 140 (4- $\phi$ 18).

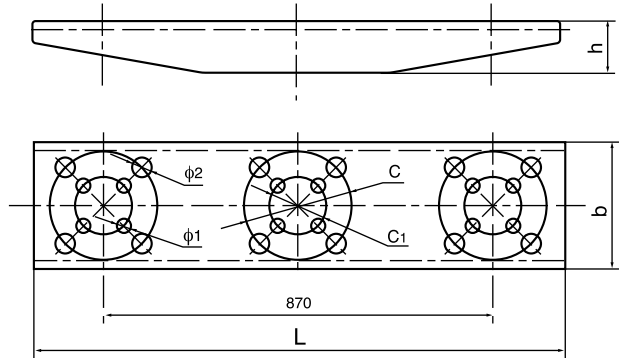
24-3.



型号 Catalog No.	适用固定金具型号 Suitable Fixed Fitting		参考重量 Weight (kg)
MGJ-115	MGG-70	MGG-130C	25
	MGG-80	MGG-150C	
	MGG-90	MGG-170C	
	MGG-100	MGG-200C	
	MGG-120	MGG-250C	

25. 托架 (MGJ型B类)

Channel Supporters (Type MGJ, Group B)

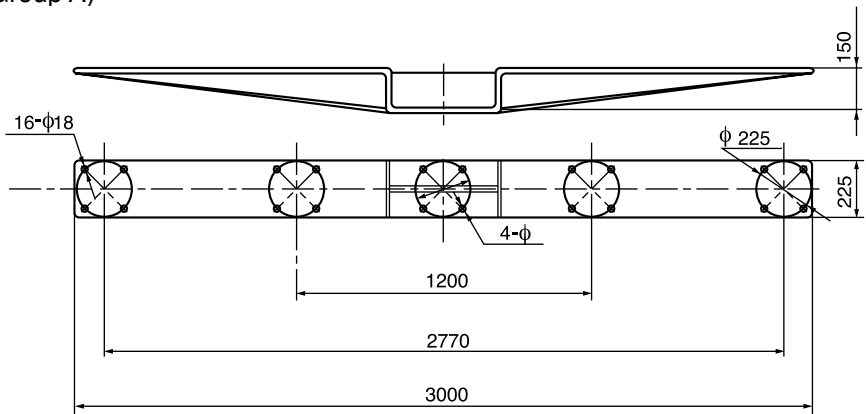


型号 Catalog No.	适用固定金具 Suitable Fixed Fitting	型号要尺寸 Dimensions(mm)							参考重量 Weight (kg)
		C <sub>1</sub>	C	φ <sub>1</sub>	φ <sub>2</sub>	L	b	h	
MGJ-104B <sub>1</sub>	MGG-70	140	-	14	-	1040	190	50	10.5
MGJ-104B <sub>2</sub>	MGG-80		-		-	1040	190	50	10.5
MGJ-104B <sub>3</sub>	MGG-100		-		-	1040	190	50	10.5
MGJ-104B <sub>4</sub>	MGG-130		225		18	1100	244	65	17.5
MGJ-104B <sub>5</sub>	MGG-150		225		18	1100	244	65	17.5
MGJ-104B <sub>6</sub>	MGG-170		225		18	1100	244	65	17.5
MGJ-104B <sub>7</sub>	MGG-200		225		18	3000	280	65	78
MGJ-104B <sub>8</sub>	MGG-250		254		22	3000	340	65	78

26. 托架 Bracket

26-1. 托架 (MGU型A类)

Supporters (Type MGU, Group A)



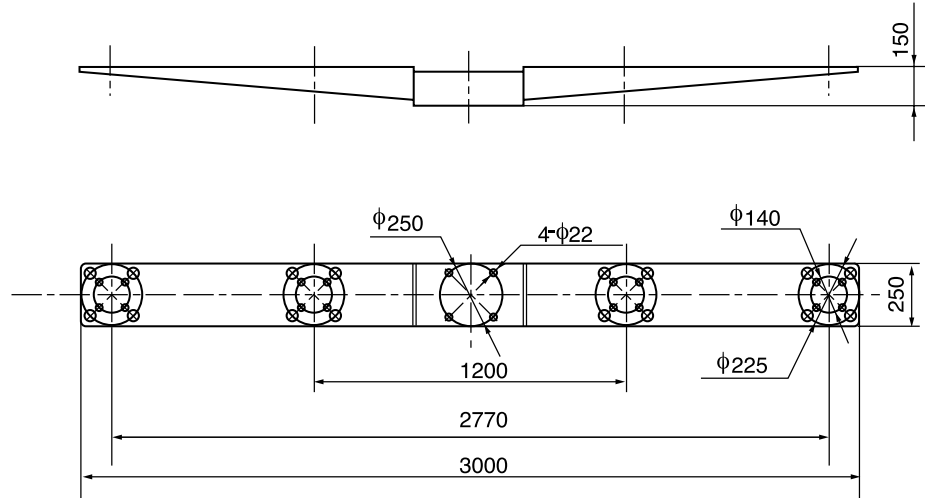
型号 Catalog No.	适用固定金具型号 Suitable Fixed Fitting	适用支柱绝缘子直径及托架尺寸φ Dimension of Insulator and Bracket	参考重量 Weight (kg)
MGU-300A	MGG-130 MGG-150 MGG-170		70

用户在订货时注明需要的支柱绝缘子尺寸C及4-φ孔径，如：MGU-300A/φ225 (4-φ20)。

Please indicate the dimension value of "C" and "4-φ" when place the order, For example, MGU-300A/φ225 (4-φ20).

## 26-2. 托架 (MGU型B类)

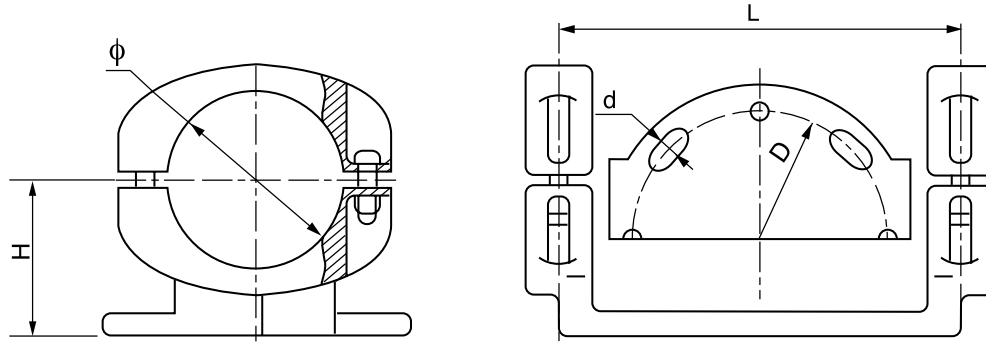
Supporters (Type MGU, Group B)



型号 Catalog No.	适用固定金具型号 Suitable Fixed Fitting		参考重量 Weight (kg)
MGU-300B	MGG-70	MGG-130	87
	MGG-80	MGG-150	
	MGG-90	MGG-170	
	MGG-100	MGG-200	
	MGG-120	MGG-250	

27. 管母线(双支点)固定金具 (MGGB型)

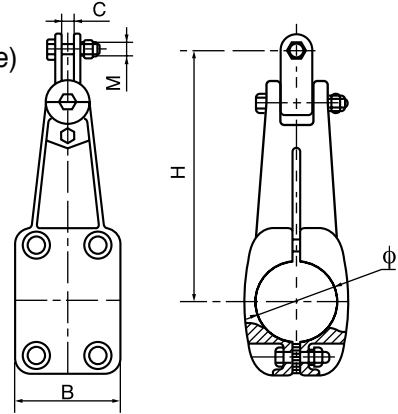
Supports for Tubular Bus-bar (Type MGGB)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L	H	d	D	φ	
MGGB-70	70/64	276	90	14	140	70	4.5
MGGB-80	80/72	276	98	14	140	80	4.8
MGGB-170	170/156	400	170	22	170	170	12.0
MGGB-200	200/180	360	190	22	225	200	13.4
MGGB-250	250/230	360	190	22	225	250	15.2
MGGB-70S	70/64	276	90	14	140	70	15.2
MGGB-80S	80/72	276	98	14	140	80	4.7
MGGB-100S	170/156	400	114	14	140	170	5.0
MGGB-110S	200/180	360	120	14	140	200	5.8
MGGB-120S	250/230	360	122	14	140	250	6.0
MGGB-130S	130/116	276	135	14	140	130	6.4
MGGB-150S	150/136	276	150	14	140	150	7.3
MGGB-130SA	170/156	400	135	18	190	170	8.4
MGGB-150SA	200/180	360	150	18	190	200	7.6
MGGB-170SA	250/230	360	170	18	190	250	8.7
MGGB-130SB	130/116	276	135	20	225	130	12.2
MGGB-150SB	150/136	276	150	20	225	150	13.1
MGGB-170SB	170/156	400	170	20	225	170	13.5
MGGB-200SB	200/180	360	190	20	225	200	14.8
MGGB-250SB	250/230	360	190	20	225	250	15.2
MGGB-130SC	130/116	276	135	20	254	130	13.5
MGGB-150SC	150/136	276	150	20	254	150	13.9
MGGB-170SC	170/156	400	170	20	254	170	14.2
MGGB-200SC	200/180	360	190	20	254	200	15.9
MGGB-250SC	250/230	360	190	20	254	250	16.1
MGGB-120SD	120/110	360	122	20	280	120	12.5
MGGB-130SD	130/116	276	130	20	280	130	13.8
MGGB-150SD	150/136	276	150	20	280	150	14.3
MGGB-170SD	170/156	400	170	20	280	170	14.6
MGGB-200SD	200/180	360	190	20	280	200	16.4
MGGB-250SD	250/230	360	190	20	280	250	16.8

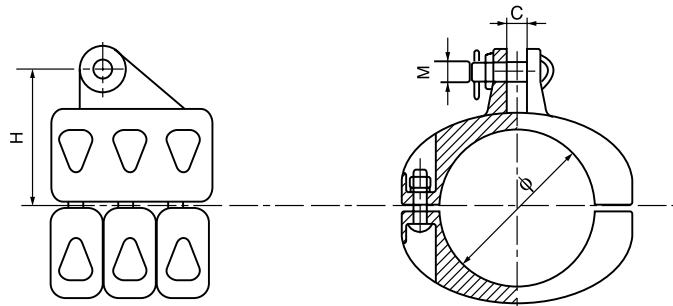
## 28. 悬吊式管母线固定金具 (MGX型直吊式)

Suspension Supports for Tubular Bus-bar (Type MGX, Vertical Type)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		C	M	H	$\phi$	B	
MGU-70 (MGX-70)	70	18	16	210	70	100	3.0
MGU-80 (MGX-80)	80	18	16	220	80	110	6.0
MGU-90 (MGX-90)	90	18	16	230	90	120	6.5
MGU-100 (MGX-100)	100	20	16	250	100	140	7.5
MGU-110 (MGX-110)	110	20	18	260	110	150	8.8
MGU-120 (MGX-120)	120	20	18	270	120	160	10.5
MGU-130 (MGX-130)	130	20	18	290	130	180	13.5
MGU-150 (MGX-150)	150	20	20	310	150	200	16.5
MGU-170 (MGX-170)	170	22	20	340	170	220	20
MGU-200 (MGX-200)	200	24	22	350	200	240	22.5
MGU-250 (MGX-250)	250	26	24	370	250	260	24.8

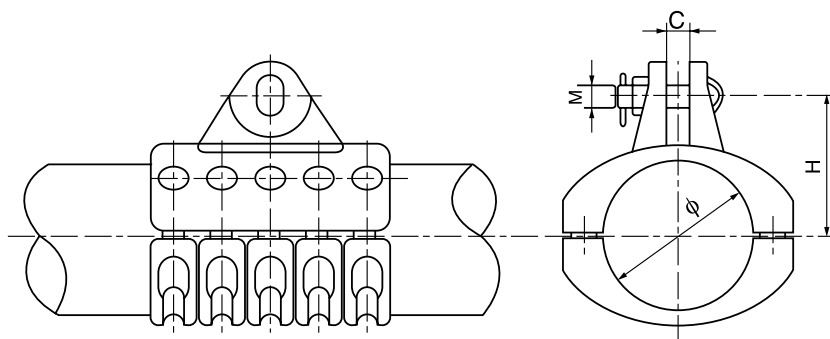
 29. 悬吊式管母线固定金具 (MGXX<sub>1</sub>型斜吊式)

 Suspension Supports for Tubular Bus-bar (Type MGXX<sub>1</sub>, Oblique Type)


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		C	H	$\phi$	M	
MGXX <sub>1</sub> -130	130/116	26	155	130	18	12
MGXX <sub>1</sub> -150	150/136	26	165	150	18	16.5
MGXX <sub>1</sub> -170	170/156	26	172	170	20	18
MGXX <sub>1</sub> -200	200/180	30	185	200	24	22
MGXX <sub>1</sub> -250	250/230	30	216	250	24	29

### 30. 悬吊式管母线固定金具 (MGXX<sub>2</sub>型直吊式)

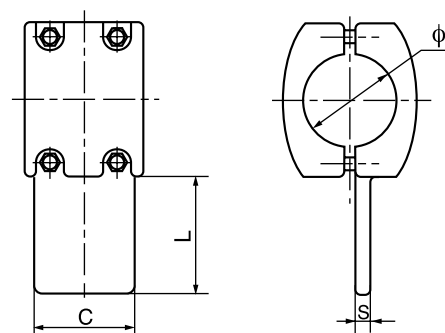
Suspension Supports for Tubular Bus-bar (Type MGXX<sub>2</sub>, Vertical Type)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (Kg)
		H	φ	C	M	
MGXX2-130	130/116	155	130	27	18	12
MGXX2-150	150/136	165	150	29	18	16
MGXX2-170	170/156	175	170	26	20	18
MGXX2-200	200/180	185	200	30	24	22
MGXX2-250	250/230	230	250	30	24	29

### 31. 管母线T型线夹 (MGT型)

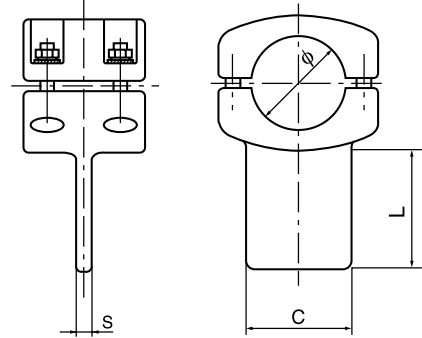
T-Connectors for Tubular Bus-bar (Type MGT)



型号 Catalog No.	适用管母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		φ	L	C	S	
MGT-50	50/44	50	85	80	14	2.0
MGT-70	70/64	70	85	80	16	2.4
MGT-80	80/72	80	85	80	16	4.0
MGT-90	90/80	90	105	100	18	4.2
MGT-100	100/90	100	105	100	18	4.4
MGT-110	110/100	110	105	100	18	5.0
MGT-120	120/110	120	105	100	18	5.2
MGT-130	130/116	130	130	125	20	7.2
MGT-150	150/136	150	130	125	20	8.2
MGT-170	170/156	170	160	150	22	11.5
MGT-200	200/180	200	170	160	22	15
MGT-250	250/230	250	180	170	24	19.5
MGT-150.1	150/136	150	160	150	30	12.3

## 32. 管母线T型线夹 (MGT(D)型)

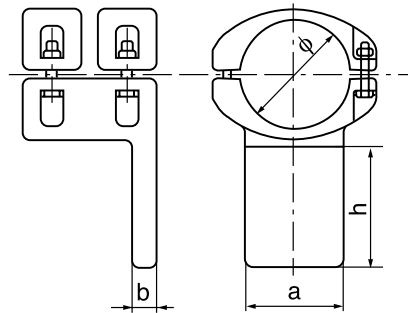
T-Connectors for Tubular Bus-bar (Type MGT/D)



型号 Catalog No.	适用管母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	C	L	S	
MGT-70D	70/64	70	80	100	16	2.4
MGT-80D	80/72	80	80	100	16	4.0
MGT-90D	90/80	90	100	125	18	4.2
MGT-100D	100/90	100	100	125	18	3.6
MGT-110D	110/100	110	100	125	18	4.0
MGT-120D	120/110	120	100	125	18	4.3
MGT-130D	130/116	130	125	150	20	5.6
MGT-150D	150/136	150	125	150	20	7.0
MGT-170D	170/156	170	150	180	22	9.5
MGT-200D	200/180	200	160	200	22	15
MGT-250D	250/230	250	170	200	24	21

## 33. 管母线T型线夹 (MGT(C)型)

T-Connectors for Tubular Bus-bar (Type MGT/C)

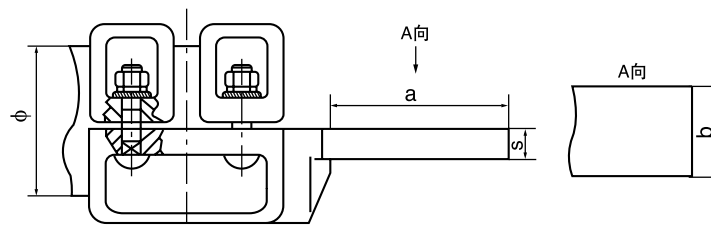


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	a	h	b	
MGT-50C	50/44	70	50	85	16	2.0
MGT-60C	60/54	80	80	100	16	2.3
MGT-70C	70/64	70	80	100	16	2.5
MGT-80C	80/72	80	80	100	16	2.7
MGT-90C	90/80	90	100	125	18	3.3
MGT-100C	100/90	100	100	125	18	3.8
MGT-110C	110/100	110	100	125	18	5.2
MGT-120C	120/110	120	100	125	18	5.4
MGT-130C	130/116	130	125	150	20	6.7
MGT-150C	150/136	150	125	150	20	8.0
MGT-170C	170/156	170	150	180	22	10.5
MGT-200C	200/180	200	150	200	22	16.0
MGT-250C	250/230	250	150	200	24	22.0



### 34. 水平管母线设备线夹 (MGP型)

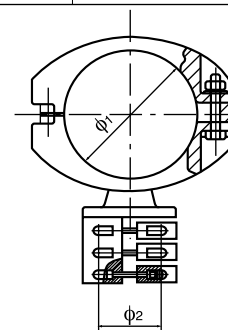
Terminal Connectors For Horizontal Tubular Bus-bar (Type MGP)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		φ	a	b	S	
MGP-70	70/64	70	85	80	16	2.8
MGP-80	80/72	80	85	80	16	4.0
MGP-90	90/80	90	105	100	18	4.2
MGP-100	100/90	100	105	100	18	4.4
MGP-110	110/100	110	105	100	18	4.8
MGP-120	120/110	120	105	100	18	5.2
MGP-130	130/116	130	130	125	20	7.2
MGP-150	150/136	150	130	125	20	8.2
MGP-170	170/156	170	160	150	22	9.5
MGP-200	200/180	200	170	160	22	15.0
MGP-250	250/230	250	180	170	24	20.0

### 35. 管母线T型线夹 (MGTL型)

T-Connectors for Tubular Bus-bar (Type MGTL)



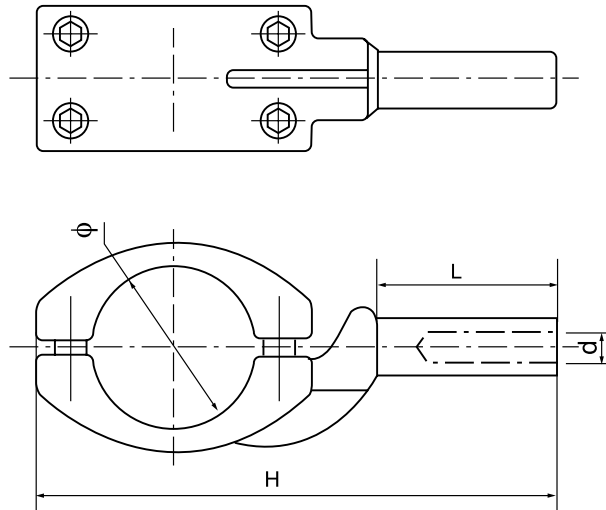
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	引下线型号 Conductor	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
			φ1	φ2	
MGTL-70	70/64	导线型号 用户自选  As users' choice	70	根据所选 引下线型 号确定 According to conductor	
MGTL-80	80/72		80		
MGTL-90	90/80		90		
MGTL-100	100/90		100		
MGTL-110	110/100		110		
MGTL-120	120/110		120		
MGTL-130	130/116		130		
MGTL-150	150/136		150		
MGTL-170	170/156		170		
MGTL-200	200/180		200		
MGTL-250	250/230	250			

引下线根据用户需要, 订货时注明导线型号。例: 引下线LGKK-600, 则型号为MGTL-130/600K。

The suitable conductor is determined according to designation, Please indicate the type of the conductor when place the order, For example, the conductor is LGKK-600, so the type is MGTL-130/600K.

**36. 管母线T型线夹 (MGTY型)**

T-Connectors for Tubular Bus-bar (Type MGTY)



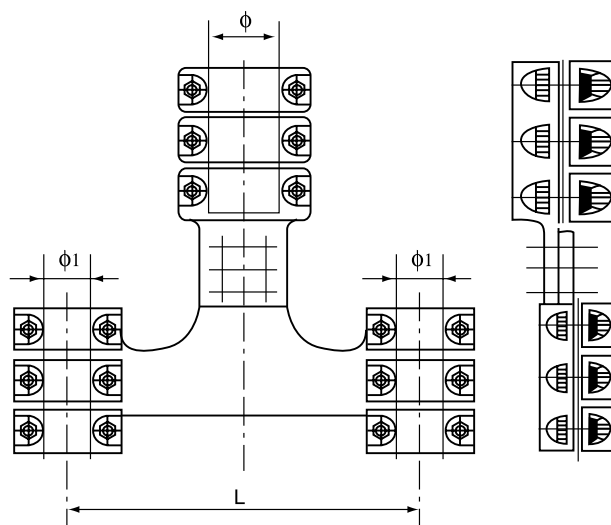
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	引下线型号 Conductor	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
			φ	d	L	H	
MGD-70(1/1) (MGTY-70)	70/64	导线型号 用户自选 As users' choice	70	根据 所选 引下 线型 号确 定 According to conductor	170	450	
MGD-80(1/1) (MGTY-80)	80/72		80		170	450	
MGD-90(1/1) (MGTY-90)	90/80		90		200	500	
MGD-100(1/1) (MGTY-100)	100/90		100		200	500	
MGD-110(1/1) (MGTY-110)	110/100		110		200	500	
MGD-120(1/1) (MGTY-120)	120/110		120		200	520	
MGD-130(1/1) (MGTY-130)	130/116		130		200	520	
MGD-150(1/1) (MGTY-150)	150/136		150		200	560	
MGD-170(1/1) (MGTY-170)	170/156		170		200	560	
MGD-200(1/1) (MGTY-200)	200/180		200		200	600	
MGD-250(1/1) (MGTY-250)	250/230		250		200	600	

引下线根据用户需要，订货时注明导线型号。例：引下线LGKK-600，则型号为MGTY-130/600K。

The suitable conductor is determined according to designation, Please indicate the type of the conductor when place the order, For example, the conductor is LGKK-600, so the type is MGTY-130/600K.

### 37. 管母双引下线T型线夹 (MG/MR型A类)

T-Connectors for Double Conductors (Type MG/MR, Group A)



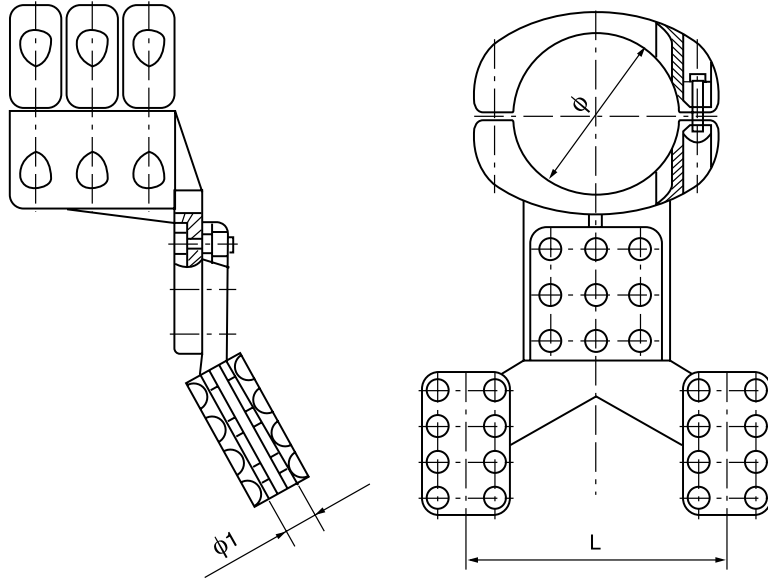
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)		主要尺寸 Dimensions(mm)		
	管母线规格	引下线规格	$\phi$	$\phi_1$	L
	MGD-70A(1/2)-200 {MG-70/MR( )/200A}	70/64	用户自选导线型号  As users' choice	70	根据选用导线制作  According to conductor
MGD-70A(1/2)-400 {MG-70/MR( )/400A}	400				
MGD-80A(1/2)-200 {MG-80/MR( )/200A}	80/72	80		200	
MGD-80A(1/2)-400 {MG-80/MR( )/400A}				400	
MGD-90A(1/2)-200 {MG-90/MR( )/200A}	90/80	90		200	
MGD-90A(1/2)-400 {MG-90/MR( )/400A}				400	
MGD-100A(1/2)-200 {MG-100/MR( )/200A}	100/90	100		200	
MGD-100A(1/2)-400 {MG-100/MR( )/400A}				400	
MGD-110A(1/2)-200 {MG-110/MR( )/200A}	110/100	110		200	
MGD-110A(1/2)-400 {MG-110/MR( )/400A}				400	
MGD-120A(1/2)-200 {MG-120/MR( )/200A}	120/110	120		200	
MGD-120A(1/2)-400 {MG-120/MR( )/400A}				400	
MGD-130A(1/2)-200 {MG-130/MR( )/200A}	130/116	130		200	
MGD-130A(1/2)-400 {MG-130/MR( )/400A}				400	
MGD-150A(1/2)-200 {MG-150/MR( )/200A}	150/136	150		200	
MGD-150A(1/2)-400 {MG-150/MR( )/400A}				400	
MGD-170A(1/2)-200 {MG-170/MR( )/200A}	170/156	170		200	
MGD-170A(1/2)-400 {MG-170/MR( )/400A}				400	
MGD-200A(1/2)-200 {MG-200/MR( )/200A}	200/180	200		200	
MGD-200A(1/2)-400 {MG-200/MR( )/400A}				400	
MGD-250A(1/2)-200 {MG-250/MR( )/200A}	250/230	250	200		
MGD-250A(1/2)-400 {MG-250/MR( )/400A}			400		

( ) 内请填上引下线规格, 如选用LGKK-600, 则填上600K。

Please fill the type of conductor in ( ). For example, if you select LGKK-600, then fill "600K" in "( )".

## 38. 管母双引下线T型线夹 (MG/MR型B类)

T Connectors for Double Conductors (Type MG/MR, Group B)



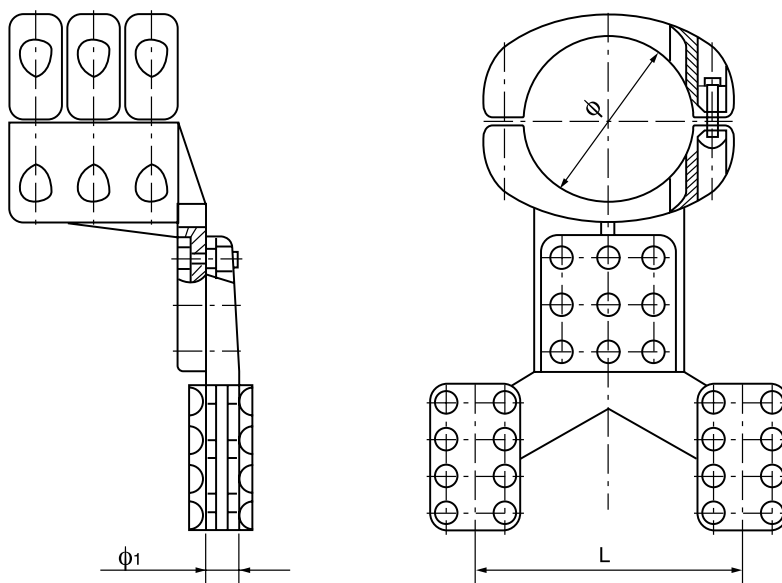
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)		主要尺寸 Dimensions(mm)		
	管母线规格	引下线规格	$\phi$	$\phi_1$	L
	MGD-70B(1/2)-200 {MG-70/MR( )/200B}	70/64	用户自选导线型号	根据选用导线制作	According to conductor
MGD-70B(1/2)-400 MG-70/MR( )/400B	400				
MGD-80B(1/2)-200 MG-80/MR( )/200B	80/72	200			
MGD-80B(1/2)-400 MG-80/MR( )/400B		400			
MGD-90B(1/2)-200 MG-90/MR( )/200B	90/80	200			
MGD-90B(1/2)-400 MG-90/MR( )/400B		400			
MGD-100B(1/2)-200 MG-100/MR( )/200B	100/90	200			
MGD-100B(1/2)-400 MG-100/MR( )/400B		400			
MGD-110B(1/2)-200 MG-110/MR( )/200B	110/100	200			
MGD-110B(1/2)-400 MG-110/MR( )/400B		400			
MGD-120B(1/2)-200 MG-120/MR( )/200B	120/110	200			
MGD-120B(1/2)-400 MG-120/MR( )/400B		400			
MGD-130B(1/2)-200 MG-130/MR( )/200B	130/116	200			
MGD-130B(1/2)-400 MG-130/MR( )/400B		400			
MGD-150B(1/2)-200 MG-120/MR( )/200B	150/136	200			
MGD-150B(1/2)-400 MG-120/MR( )/400B		400			
MGD-170B(1/2)-200 MG-170/MR( )/200B	170/156	200			
MGD-170B(1/2)-400 MG-170/MR( )/400B		400			
MGD-200B(1/2)-200 MG-200/MR( )/200B	200/180	200			
MGD-200B(1/2)-400 MG-200/MR( )/400B		400			
MGD-250B(1/2)-200 MG-250/MR( )/200B	250/230	200			
MGD-250B(1/2)-400 MG-250/MR( )/400B		400			

( ) 内请填上引下线规格, 如选用LGKK-600, 则填上600K。

Please fill the type of conductor in ( ). For example, if you select LGKK-600, then fill "600K" in ( ).

### 39. 管母双引下线T型线夹 (MG/MR型D类)

T-Connectors for Double Conductors (Type MG/MR, Group A)



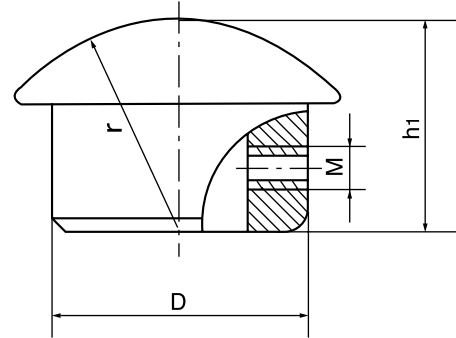
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)		主要尺寸 Dimensions(mm)																				
	管母线规格	引下线规格	$\phi$	$\phi_1$	L																		
	MGD-70D(1/2)-200 {MG-70/MR( )/200A}	70/64	用户自选导线型号  As users' choice	70	根据选用导线制作  According to conductor	200																	
MGD-70D(1/2)-400 {MG-70/MR( )/400A}	400																						
MGD-80D(1/2)-200 {MG-80/MR( )/200A}	80/72	用户自选导线型号  As users' choice		80		根据选用导线制作  According to conductor	200																
MGD-80D(1/2)-400 {MG-80/MR( )/400A}							400																
MGD-90D(1/2)-200 {MG-90/MR( )/200A}	90/80			用户自选导线型号  As users' choice			90	根据选用导线制作  According to conductor	200														
MGD-90D(1/2)-400 {MG-90/MR( )/400A}									400														
MGD-100D(1/2)-200 {MG-100/MR( )/200A}	100/90						用户自选导线型号  As users' choice		100	根据选用导线制作  According to conductor	200												
MGD-100D(1/2)-400 {MG-100/MR( )/400A}											400												
MGD-110D(1/2)-200 {MG-110/MR( )/200A}	110/100								用户自选导线型号  As users' choice		110	根据选用导线制作  According to conductor	200										
MGD-110D(1/2)-400 {MG-110/MR( )/400A}													400										
MGD-120D(1/2)-200 {MG-120/MR( )/200A}	120/110										用户自选导线型号  As users' choice		120	根据选用导线制作  According to conductor	200								
MGD-120D(1/2)-400 {MG-120/MR( )/400A}															400								
MGD-130D(1/2)-200 {MG-130/MR( )/200A}	130/116												用户自选导线型号  As users' choice		130	根据选用导线制作  According to conductor	200						
MGD-130D(1/2)-400 {MG-130/MR( )/400A}																	400						
MGD-150D(1/2)-200 {MG-150/MR( )/200A}	150/136														用户自选导线型号  As users' choice		150	根据选用导线制作  According to conductor	200				
MGD-150D(1/2)-400 {MG-150/MR( )/400A}																			400				
MGD-170D(1/2)-200 {MG-170/MR( )/200A}	170/156																用户自选导线型号  As users' choice		170	根据选用导线制作  According to conductor	200		
MGD-170D(1/2)-400 {MG-170/MR( )/400A}																					400		
MGD-200D(1/2)-200 {MG-200/MR( )/200A}	200/180																		用户自选导线型号  As users' choice		200	根据选用导线制作  According to conductor	200
MGD-200D(1/2)-400 {MG-200/MR( )/400A}																							400
MGD-250D(1/2)-200 {MG-250/MR( )/200A}	250/230		用户自选导线型号  As users' choice		250																根据选用导线制作  According to conductor		200
MGD-250D(1/2)-400 {MG-250/MR( )/400A}																							400

( ) 内请填写上引下线规格, 如选用LGKK-600, 则填上600K。

Please fill the type of conductor in ( ). For example, if you select LGKK-600, then fill "600K" in "( )".

## 40. 管母线封端盖 (MGF型)

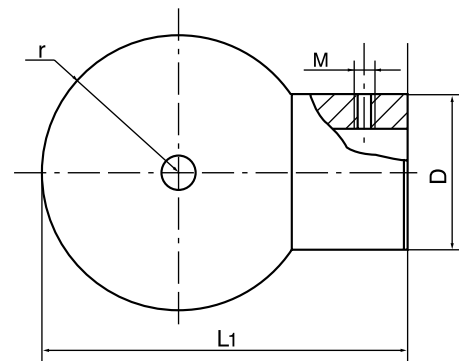
End-caps for Tubular Bus-bar (Type MGF)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		D	M	r	h <sub>1</sub>	
MGF-70	70/64	64	8	70	42	0.2
MGF-80	80/72	72	8	70	50	0.3
MGF-90	90/80	80	8	80	55	0.4
MGF-100	100/90	90	8	90	60	0.5
MGF-110	110/100	99	10	100	60	0.6
MGF-120	120/110	110	10	120	65	0.6
MGF-130	130/116	116	10	120	65	0.7
MGF-150	150/136	136	10	150	70	1.0
MGF-170	170/156	156	10	160	80	1.2
MGF-200	200/180	180	12	170	85	2.3
MGF-250	250/230	230	12	180	85	2.7

## 41. 管母线封端球 (MGZ型)

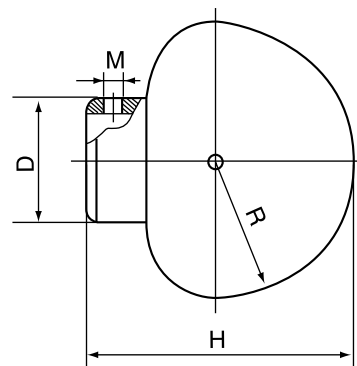
End-balls for Tubular Bus-bar (Type MGZ)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		D	M	r	L <sub>1</sub>	
MGZ-70	70/64	64	8	70	165	1.2
MGZ-80	80/72	72	8	70	165	1.2
MGZ-90	90/80	80	8	80	184	1.5
MGZ-100	100/90	90	8	80	195	2.0
MGZ-110	110/100	100	10	90	215	
MGZ-120	120/110	110	10	90	220	3.5
MGZ-130	130/116	116	10	90	220	4.0
MGZ-150	150/136	136	10	150	340	5.0
MGZ-170	170/156	156	10	170	380	10
MGZ-200	200/180	180	12	180	415	24
MGZ-250	250/230	230	12	230	515	35

### 42. 管母线封端球 (MGZ-A型)

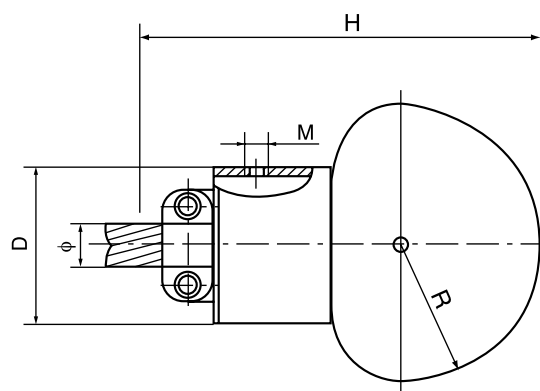
End-balls for Tubular Bus-bar (Type MGZ-A)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		D	M	R	H	
MGZ-70A	φ70/64	64	8	70	130	1.1
MGZ-80A	φ80/74	74	8	70	150	1.1
MGZ-90A	φ90/80	80	8	80	160	1.3
MGZ-100A	φ100/90	90	10	80	190	1.8
MGZ-120A	φ120/112	112	10	90	240	3.2
MGZ-130A	φ130/116	116	10	90	270	3.7
MGZ-150A	φ150/136	136	10	150	300	4.6
MGZ-170A	φ170/156	156	10	170	365	9.5
MGZ-200A	φ200/180	180	12	180	440	23.2
MGZ-250A	φ 250/230	230	12	230	515	34.0

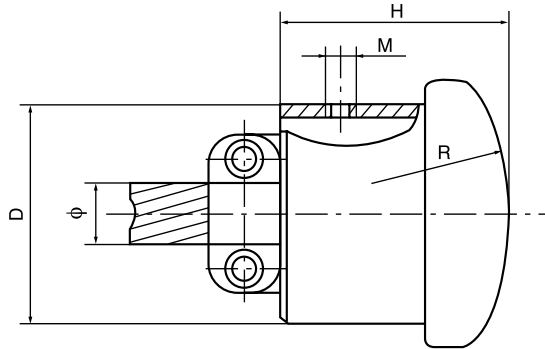
### 43. 带阻尼管母线封端球 (MGZ1-A型)

End-balls for Tubular Bus-bar (Type MGZ1-A)



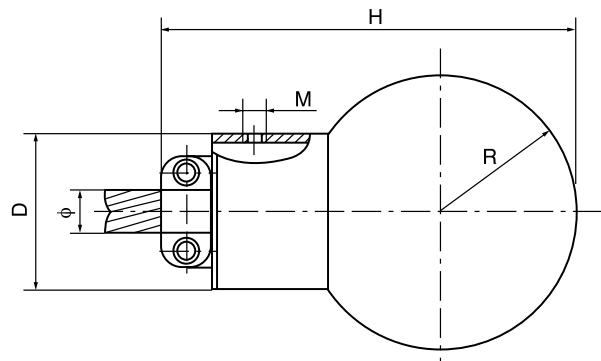
型号 Catalog No.	适用管母线 Suitable Bus-bar (mm)	阻尼导线型号 Damping Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
			D	R	M	H	φ	
MGZ <sub>1</sub> -70A	70/64	LGJ-240	64	70	8	165	22	1.5
MGZ <sub>1</sub> -80A	80/72		72	80	8	185	22	1.5
MGZ <sub>1</sub> -90A	90/80	LGJ-300	80	90	8	200	25	1.7
MGZ <sub>1</sub> -100A	100/90		90	100	8	225	25	2.2
MGZ <sub>1</sub> -110A	110/100	LGJ-500	100	110	10	240	25	3.2
MGZ <sub>1</sub> -120A	120/110		110	120	10	260	31	3.8
MGZ <sub>1</sub> -130A	130/116	LGJ-630	116	130	10	280	31	4.5
MGZ <sub>1</sub> -150A	150/136		136	150	10	310	35	5.5
MGZ <sub>1</sub> -170A	170/156		156	170	10	340	35	10.8
MGZ <sub>1</sub> -200A	200/180		180	200	12	415	35	25
MGZ <sub>1</sub> -250A	250/230		230	250	12	480	35	36

44. 带阻尼管母线封端盖 (MGF<sub>1</sub>型)

 End-Caps for Tubular Bus-bar (Type MGF<sub>1</sub>)


型号 Catalog No.	适用管母线 Suitable Bus-bar (mm)	阻尼导线型号 Damping Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
			D	R	H	M	φ	
MGF <sub>1</sub> -70	70/64	LGJ-240	64	70	42	8	22	0.7
MGF <sub>1</sub> -80	80/72		72	70	50	8	22	
MGF <sub>1</sub> -90	90/80	LGJ-300	80	80	60	8	25	0.8
MGF <sub>1</sub> -100	100/90		90	90	60	8	25	
MGF <sub>1</sub> -110	110/100	LGJ-500	100	100	60	10	31	1.2
MGF <sub>1</sub> -120	120/110		110	120	65	10	31	1.2
MGF <sub>1</sub> -130	130/116		116	120	65	10	31	1.3
MGF <sub>1</sub> -150	150/136	LGJ-630	136	150	70	10	35	1.6
MGF <sub>1</sub> -170	170/156		156	160	80	10	35	2.1
MGF <sub>1</sub> -200	200/180		179	170	85	12	35	2.7
MGF <sub>1</sub> -250	250/230		229	180	85	12	35	3.3

 45. 带阻尼管母线封端球 (MGZ<sub>1</sub>型)

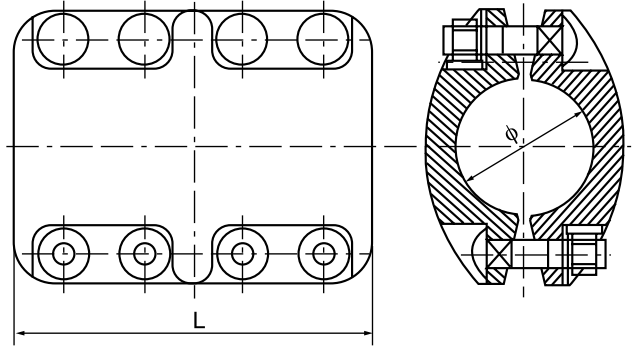
 End-balls for Tubular Bus-bar (Type MGZ<sub>1</sub>)


型号 Catalog No.	适用管母线 Suitable Bus-bar (mm)	阻尼导线型号 Damping Conductor	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
			D	R	M	H	φ	
MGZ <sub>1</sub> -70	70/64	LGJ-240	64	70	8	165	22	1.5
MGZ <sub>1</sub> -80	80/72		72	80	8	165	22	1.5
MGZ <sub>1</sub> -90	90/80	LGJ-300	80	86	8	--	25	1.7
MGZ <sub>1</sub> -100	100/90		90	90	8	195	25	2.2
MGZ <sub>1</sub> -110	110/100	LGJ-500	100	90	8	215	25	3.2
MGZ <sub>1</sub> -120	120/110		110	90	10	220	31	3.8
MGZ <sub>1</sub> -130	130/116		116	90	10	220	31	4.5
MGZ <sub>1</sub> -150	150/136	LGJ-630	136	150	10	340	35	5.5
MGZ <sub>1</sub> -170	170/156		156	170	10	380	35	10.8
MGZ <sub>1</sub> -200	200/180		180	200	12	415	35	25
			230	250	12	515	35	36



#### 46. 管母线外接头 (MJ(W)型)

Tubular Bus-bar Joints (Type MJ/W, Outside)



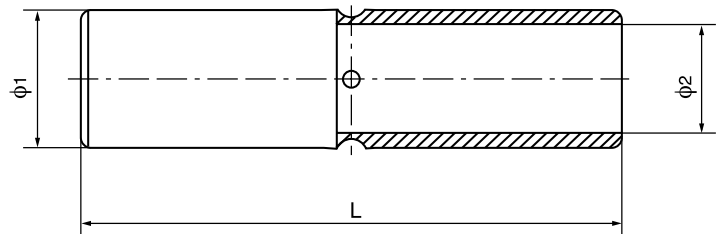
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
		φ	L	
MJ-70W	70/64	70	180	5.0
MJ-90W	90/80	90	210	8.7
MJ-100W	100/90	100	238	10.7
MJ-110W	110/100	110	250	10.7
MJ-120W	120/110	120	260	12.7
MJ-130W	130/116	130	280	14.0
MJ-150W	150/136	150	320	18.0

铝制件。

Aluminium.

#### 47. 管母线内接头 (MJ型)

Tubular Bus-bar Joints (Type MJ, Inside)



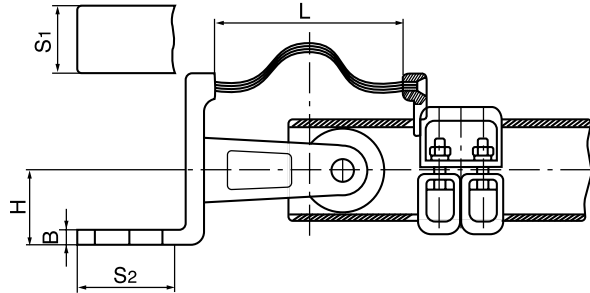
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)			参考重量 Weight (kg)
		φ <sub>1</sub>	φ <sub>2</sub>	L	
MJ-70	70/64	63	42	300	1.4
MJ-80	80/72	71	52	300	1.6
MJ-100	100/90	89	58	300	2.8
MJ-110	110/100	99	71	380	4.1
MJ-120	120/110	109	79	430	5.6
MJ-130	130/116	114	80	480	6.3
MJ-150	150/136	134	104	500	7.5
MJ-170	170/156	154	108	500	11.0

铝制件。

Aluminium.

## 48. 支撑式管母线单伸缩设备线夹 (MSZ型平放式)

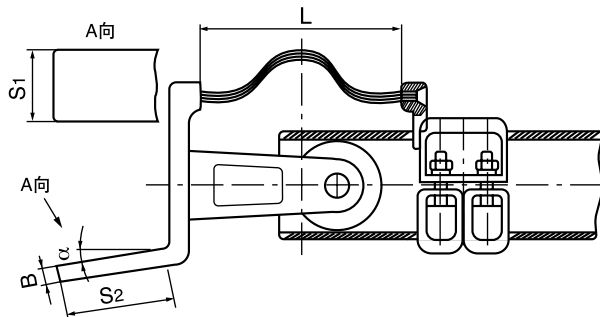
Support Type Single Flexible Terminal Connectors for Tubular Bus-bar (Type MSZ, Horizontal Type)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L	S <sub>1</sub>	S <sub>2</sub>	B	H	
MGS-70L (MSZ-70)	70/64	470	80	85	16	50	7.2
MGS-80L (MSZ-80)	80/72	470	80	85	16	50	7.4
MGS-90L (MSZ-90)	90/80	470	80	105	16	50	7.5
MGS-100L (MSZ-100)	100/90	520	125	135	18	70	10.0
MGS-100AL (MSZ-100A)	100/90	520	100	105	18	70	9.2
MGS-110L (MSZ-110)	110/100	520	100	105	20	70	11.0
MGS-120L (MSZ-120)	120/110	520	125	105	20	90	11.5
MGS-130L (MSZ-130)	130/116	570	125	130	20	100	13.0
MGS-150L (MSZ-150)	150/136	570	125	130	22	100	15.5
MGS-170L (MSZ-170)	170/156	570	150	160	22	110	17.2

## 49. 支撑式管母线单伸缩设备线夹 (MSZ型斜放式)

Support Type Single Flexible Terminal Connectors for Tubular Bus-bar (Type MSZ, Slanting Type)



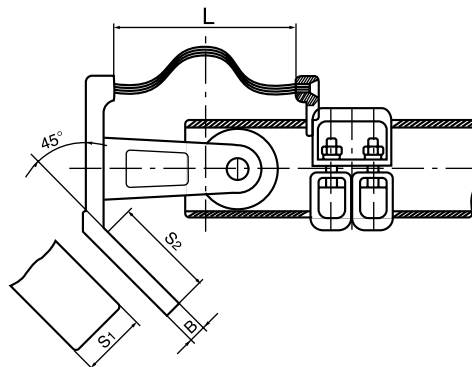
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L	S <sub>1</sub>	S <sub>2</sub>	B	$\alpha$	
SZ-80D	80/74	250	80	105	18	根据 安装 要求	7.5
MSZ-90D	90/80	250	100	115	18		8.0
MSZ-100D	100/90	340	126	126	22		13.5
MSZ-110D	110/100	360	130	150	22		14.0
MSZ-120D	120/110	360	130	150	22		15.0
MSZ-130D	130/116	360	150	165	22		16.5
MSZ-150D	150/136	360	150	165	22		17.5

用户在定货时请说明所要求的角度“a”的值。

Please indicate the value of “a” when place the order.

50. 支撑式管母线单伸缩设备线夹 (MSZ型反斜放45°式)

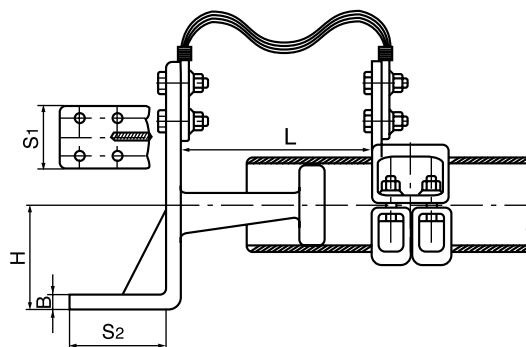
Support Type Single Flexible Terminal Connectors for Tubular Bus-bar (Type MSZ, Reverse-Slanting



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	S <sub>1</sub>	S <sub>2</sub>	B	
MSZ-80B1	80/72	250	80	105	18	7.0
MSZ-90B1	90/80	250	100	115	18	8.0
MSZ-100B1	100/90	300	125	135	22	10.0
MSZ-120B1	120/110	320	130	150	22	11.5
MSZ-130B1	130/116	350	150	155	22	13.5
MSZ-150B1	150/136	380	150	165	22	16.0

51. 支撑式管母线单伸缩设备线夹 (MGSL型)

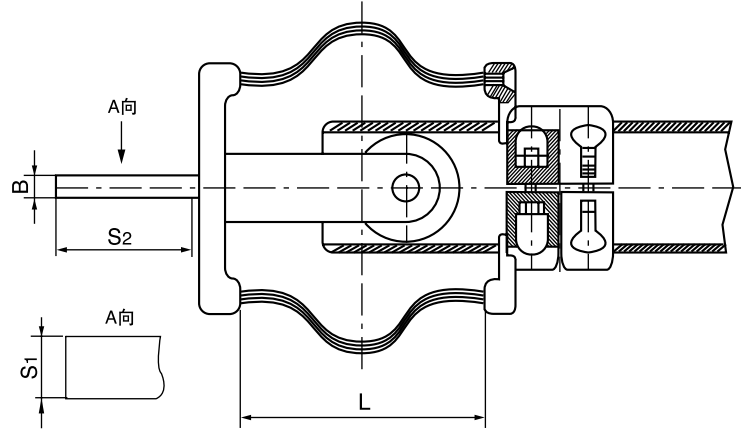
Support Type Single Flexible Terminal Connectors for Tubular Bus-bar (Type MGSL)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					参考重量 Weight (kg)
		L	S <sub>1</sub>	S <sub>2</sub>	B	H	
MGSL-80	80/72	150-160	80	130	18	100	
MGSL-100	100/90		100	140	20	100	
MGSL-110	110/100		125	150	20	100	
MGSL-120	120/110		125	150	20	100	
MGSL-120.1	120/110		125	142	20	154	
MGSL-130	130/116		125	150	22	--	
MGSL-130.1	130/116		200	128	22	152	
MGSL-130.2	130/116		125	128	22	70	

## 52. 支撑式双伸缩设备线夹 (MSY型)

Support Type Double Flexible Terminal Connectors (Type MSY)

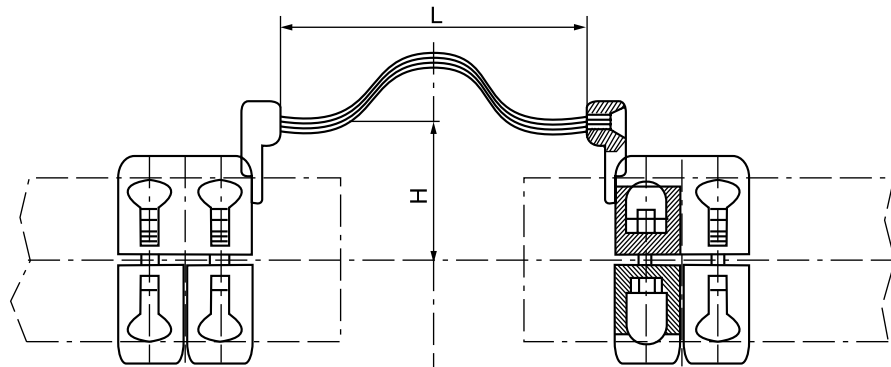


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		L	S <sub>1</sub>	S <sub>2</sub>	B	
MSY-120	120/110	240	125	130	24	
MSY-130	130/116	240	150	160	24	
MSY-150	150/136	260	150	160	25	

 尺寸如有变化, 请用户在订货时注明端子板尺寸 $S_1 \times S_2$ 。

 If the dimensions have changed, please indicate the value of  $S_1 \times S_2$  when place the order.

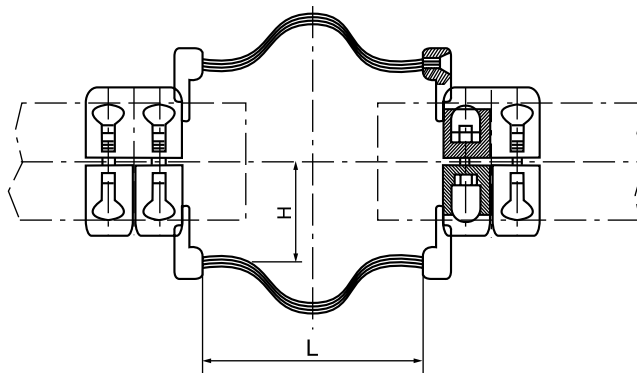
 53. 单伸缩引流线夹 (MGS<sub>1</sub>型)

 Single Flexible Jumper Clamps (Type MGS<sub>1</sub>)


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
		L	H	
MGS <sub>1</sub> -80	80/72	260	90	
MGS <sub>1</sub> -90	90/80	260	90	
MGS <sub>1</sub> -100	100/90	260	120	
MGS <sub>1</sub> -120	120/110	280	120	
MGS <sub>1</sub> -130	130/116	300	120	
MGS <sub>1</sub> -150	150/136	320	150	
MGS <sub>1</sub> -170	170/156	350	150	
MGS <sub>1</sub> -250	250/230	450	180	

### 54. 双伸缩引流线夹 (MGS<sub>2</sub>型)

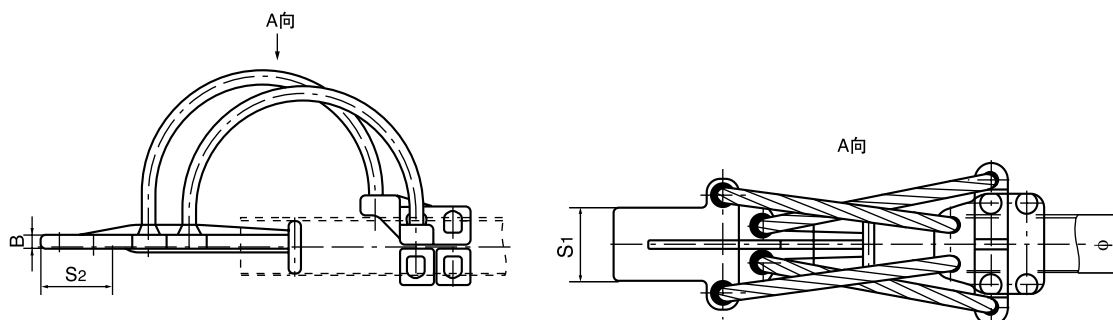
Double Flexible Jumper Clamps (Type MGS<sub>2</sub>)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
		L	H	
MGS-80LG-MGS <sub>2</sub> -80	80/72	400	90	
MGS-90LG-MGS <sub>2</sub> -90	90/80	400	90	
MGS-100LG-MGS <sub>2</sub> -100	100/90	400	120	
MGS-120LG-MGS <sub>2</sub> -120	120/110	400	120	
MGS-130LG-MGS <sub>2</sub> -130	130/116	400	120	
MGS-150LG-MGS <sub>2</sub> -150	150/136	400	150	
MGS-170LG-MGS <sub>2</sub> -170	170/156	400	150	
MGS-250LG-MGS <sub>2</sub> -250	250/230	400	180	

### 55. 管形母线伸缩设备线夹 (MDS型A类)

Flexible Terminal Connectors for Tubular Bus-bar (Type MDS, Group A)



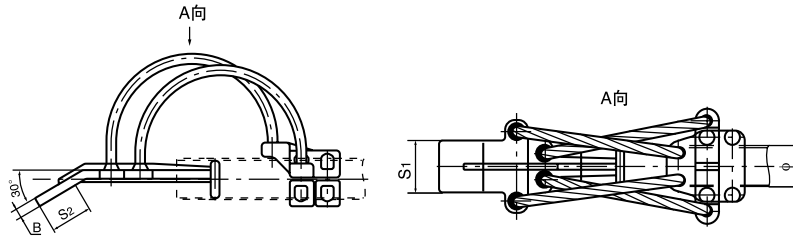
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		φ	S <sub>1</sub>	S <sub>2</sub>	B	
MDS-70A	70/64	70	80	85	16	
MDS-80A	80/72	80	80	85	16	
MDS-90A	90/80	90	100	105	18	
MDS-100A	100/90	100	100	105	18	
MDS-120A	120/110	120	100	105	18	
MDS-130A	130/116	130	125	130	20	
MDS-150A	150/136	150	125	130	20	
MDS-170A	170/156	170	150	160	22	
MDS-200A	200/180	200	150	170	22	
MDS-250A	250/230	250	150	170	24	

端子板尺寸S<sub>1</sub>和S<sub>2</sub>如有变化, 订货时请注明S<sub>1</sub> × S<sub>2</sub>值, 例如MDS-70A(S<sub>1</sub> × S<sub>2</sub>)。

If the dimensions of "S<sub>1</sub> × S<sub>2</sub>" have changed, please indicate the value of S<sub>1</sub> × S<sub>2</sub> when place the order. For example, MDS-70A(S<sub>1</sub> × S<sub>2</sub>).

## 56. 管形母线伸缩设备线夹 (MDS型B类)

Flexible Terminal Connectors for Tubular Bus-bar (Type MDS, Group B)



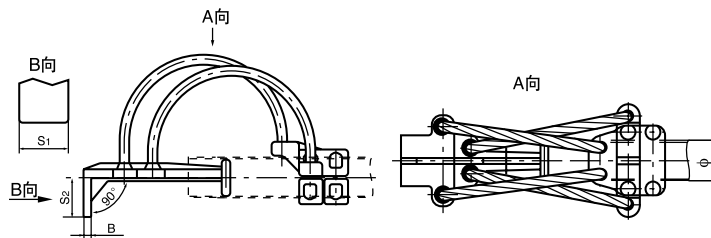
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	$S_1$	$S_2$	B	
MDS-70B	70/64	70	80	85	16	
MDS-80B	80/72	80	80	85	16	
MDS-90B	90/80	90	100	105	18	
MDS-100B	100/90	100	100	105	18	
MDS-120B	120/110	120	100	105	18	
MDS-130B	130/116	130	125	130	20	
MDS-150B	150/136	150	125	130	20	
MDS-170B	170/156	170	150	160	22	
MDS-200B	200/180	200	150	170	22	
MDS-250B	250/230	250	150	170	24	

端子板尺寸 $S_1$ 和 $S_2$ 如有变化, 订货时请注明 $S_1 \times S_2$ 值, 例如MDS-70B( $S_1 \times S_2$ )。

If the dimensions of " $S_1 \times S_2$ " have changed, please indicate the value of  $S_1 \times S_2$  when place the order. For example, MDS-70B( $S_1 \times S_2$ ).

## 57. 管形母线伸缩设备线夹 (MDS型C类)

Flexible Terminal Connectors for Tubular Bus-bar (Type MDS, Group C)



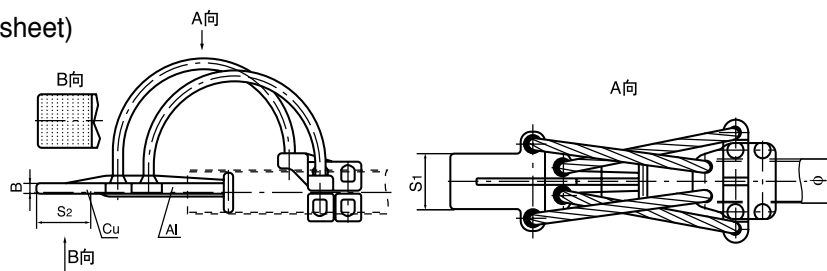
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	$S_1$	$S_2$	B	
MDS-70C	70/64	70	80	85	16	
MDS-80C	80/72	80	80	85	16	
MDS-90C	90/80	90	100	105	18	
MDS-100C	100/90	100	100	105	18	
MDS-120C	120/110	120	100	105	18	
MDS-130C	130/116	130	125	130	20	
MDS-150C	150/136	150	125	130	20	
MDS-170C	170/156	170	150	160	22	
MDS-200C	200/180	200	150	170	22	
MDS-250C	250/230	250	150	170	24	

端子板尺寸 $S_1$ 和 $S_2$ 如有变化, 订货时请注明 $S_1 \times S_2$ 值, 例如MDS-70C( $S_1 \times S_2$ )。

If the dimensions of " $S_1 \times S_2$ " have changed, please indicate the value of  $S_1 \times S_2$  when place the order. For example, MDS-70C( $S_1 \times S_2$ ).

### 58. 管形母线铜铝过渡伸缩设备线夹 (MDSG型A类, 铜铝复合片)

Al-Cu Transition Flexible Connectors for Tubular Bus-bar (Type MDSG, Group A, With Al-Cu Laminated sheet)



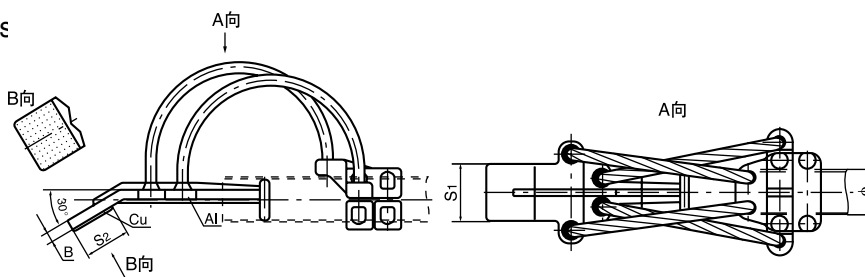
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	$S_1$	$S_2$	B	
MDSG-70A	70/64	70	80	85	16	
MDSG-80A	80/72	80	80	85	16	
MDSG-90A	90/80	90	100	105	18	
MDSG-100A	100/90	100	100	105	18	
MDSG-120A	120/110	120	100	105	18	
MDSG-130A	130/116	130	125	130	20	
MDSG-150A	150/136	150	125	130	20	
MDSG-170A	170/156	170	150	160	22	
MDSG-200A	200/180	200	150	170	22	
MDSG-250A	250/230	250	150	170	24	

端子板尺寸 $S_1$ 和 $S_2$ 如有变化, 订货时请注明 $S_1 \times S_2$ 值, 例如MDSG-70A( $S_1 \times S_2$ )。

If the dimensions of " $S_1 \times S_2$ " have changed, please indicate the value of  $S_1 \times S_2$  when place the order. For example, MDSG-70A( $S_1 \times S_2$ ).

### 59. 管形母线铜铝过渡伸缩设备线夹 (MDSG型B类, 铜铝复合片)

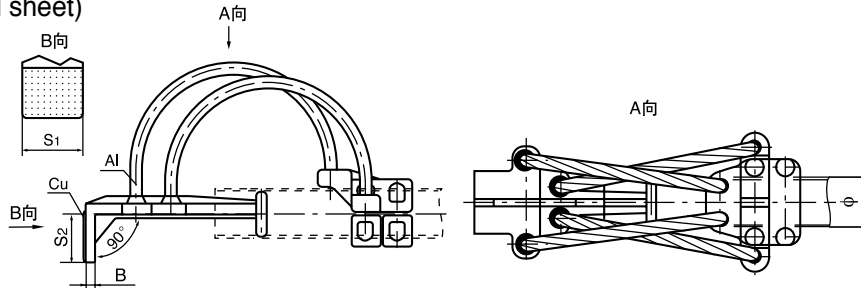
Al-Cu Transition Flexible Connectors for Tubular Bus-bar (Type MDSG, Group B, With Al-Cu Laminated sheet)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	$S_1$	$S_2$	B	
MDSG-70B	70/64	70	80	85	16	
MDSG-80B	80/72	80	80	85	16	
MDSG-90B	90/80	90	100	105	18	
MDSG-100B	100/90	100	100	105	18	
MDSG-120B	120/110	120	100	105	18	
MDSG-130B	130/116	130	125	130	20	
MDSG-150B	150/136	150	125	130	20	
MDSG-170B	170/156	170	150	160	22	
MDSG-200B	200/180	200	150	170	22	
MDSG-250B	250/230	250	150	170	24	

### 60. 管形母线铜铝过渡伸缩设备线夹 (MDSG型C类, 铜铝复合片)

Al-Cu Transition Flexible Connectors for Tubular Bus-bar (Type MDSG, Group C, With Al-Cu Laminated sheet)



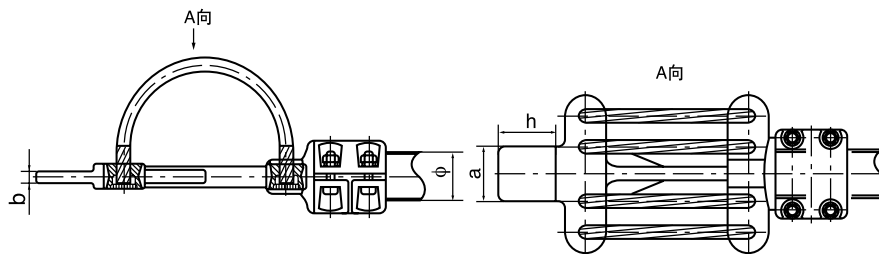
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		$\phi$	$S_1$	$S_2$	B	
MDSG-70C	70/64	70	80	85	16	7.0
MDSG-80C	80/72	80	80	85	16	7.5
MDSG-90C	90/80	90	100	105	18	8.0
MDSG-100C	100/90	100	100	105	18	8.5
MDSG-120C	120/110	120	100	105	18	14.5
MDSG-130C	130/116	130	125	130	20	15.5
MDSG-150C	150/136	150	125	130	20	16
MDSG-170C	170/156	170	150	160	22	24
MDSG-200C	200/180	200	150	170	22	36
MDSG-250C	250/230	250	150	170	24	39

端子板尺寸 $S_1$ 和 $S_2$ 如有变化, 订货时请注明 $S_1 \times S_2$ 值, 例如MDSG-70C( $S_1 \times S_2$ )。

If the dimensions of " $S_1 \times S_2$ " have changed, please indicate the value of  $S_1 \times S_2$  when place the order. For example, MDSG-70C( $S_1 \times S_2$ ).

### 61. 管母线伸缩线夹 (MGS型A类)

Flexible Clamps for Tubular Bus-bar (Type MGS, Group A)

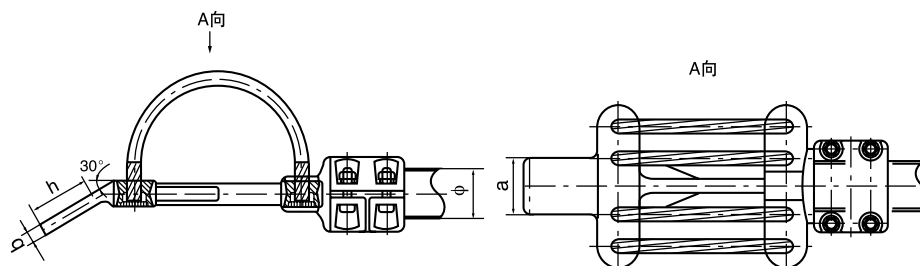


型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	h	$\phi$	
MGS-70A	70	80	16	85	70	8.0
MGS-80A	80	80	16	85	80	9.0
MGS-90A	90	100	18	105	90	10.0
MGS-100A	100	100	18	105	100	10.5
MGS-110A	110	100	18	105	110	11.5
MGS-120A	120	100	18	105	120	14.5
MGS-130A	130	125	20	130	130	15.0
MGS-150A	150	125	20	130	150	18.0
MGS-170A	170	125	20	130	170	24.0
MGS-200A	200	150	25	160	200	35.0
MGS-250A	250	150	25	160	250	39.0



### 62. 管母线伸缩线夹 (MGS型B类)

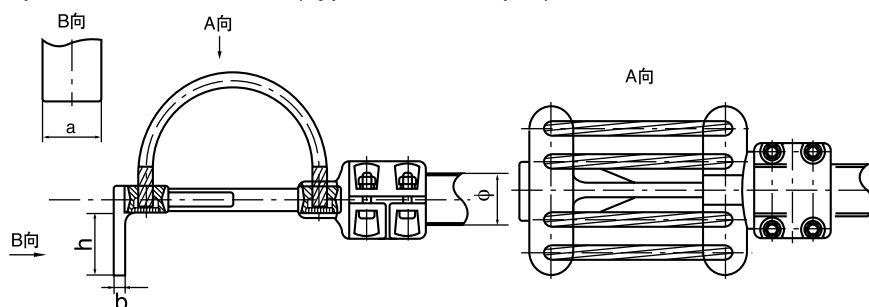
Flexible Clamps for Tubular Bus-bar (Type MGS, Group B)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	h	$\phi$	
MGS-70B	70	80	16	85	70	8.0
MGS-80B	80	80	16	85	80	9.0
MGS-90B	90	100	18	105	90	10.0
MGS-100B	100	100	18	105	100	10.5
MGS-110B	110	100	18	105	110	11.5
MGS-120B	120	100	18	105	120	14.5
MGS-130B	130	125	20	130	130	15.0
MGS-150B	150	125	20	130	150	18.0
MGS-170B	170	125	20	130	170	24.0
MGS-200B	200	150	25	160	200	35.0
MGS-250B	250	150	25	160	250	39.0

### 63. 管母线伸缩线夹 (MGS型C类)

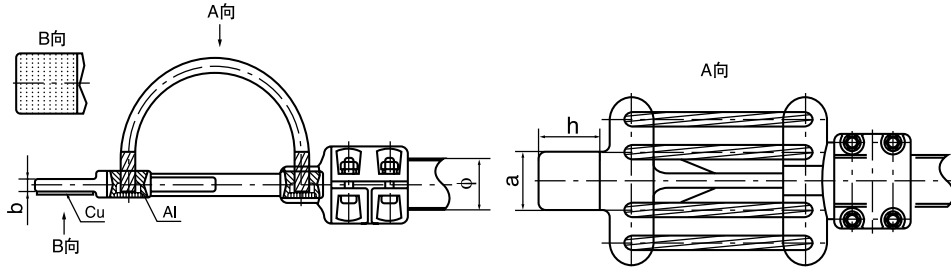
Flexible Clamps for Tubular Bus-bar (Type MGS, Group C)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	h	$\phi$	
MGS-70C	70	80	16	85	70	8.0
MGS-80C	80	80	16	85	80	9.0
MGS-90C	90	100	18	105	90	10.0
MGS-100C	100	100	18	105	100	10.5
MGS-110C	110	100	18	105	110	11.5
MGS-120C	120	100	18	105	120	14.5
MGS-130C	130	125	20	130	130	15.0
MGS-150C	150	125	20	130	150	18.0
MGS-170C	170	125	20	130	170	24.0
MGS-200C	200	150	25	160	200	35.0
MGS-250C	250	150	25	160	250	39.0

**64. 管母线铜铝过渡伸缩线夹 (MGSG型A类, 铜铝复合片)**

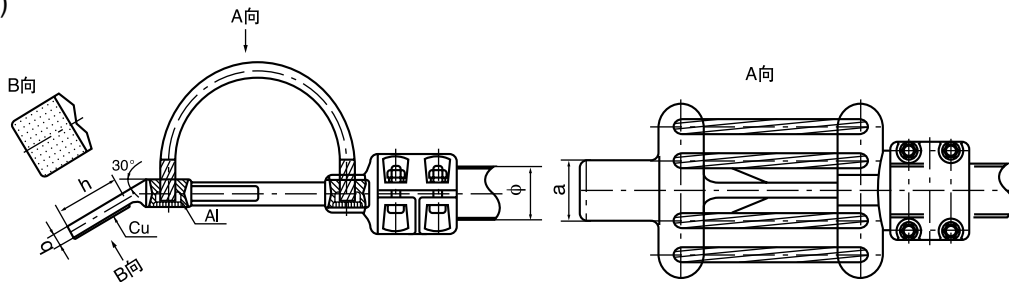
Al-Cu Transition Flexible Clamps for Tubular Bus-bar (Type MGSG, Group A, With Al-Cu Laminated sheet)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	h	$\phi$	
MGSG-70A	70	80	16	85	70	
MGSG-80A	80	80	16	85	80	
MGSG-90A	90	100	18	105	90	
MGSG-100A	100	100	18	105	100	
MGSG-110A	110	100	18	105	110	
MGSG-120A	120	100	18	105	120	
MGSG-130A	130	125	20	130	130	
MGSG-150A	150	125	20	130	150	
MGSG-170A	170	125	20	130	170	
MGSG-200A	200	150	25	160	200	
MGSG-250A	250	150	25	160	250	

**65. 管母线铜铝过渡伸缩线夹 (MGSG型B类, 铜铝复合片)**

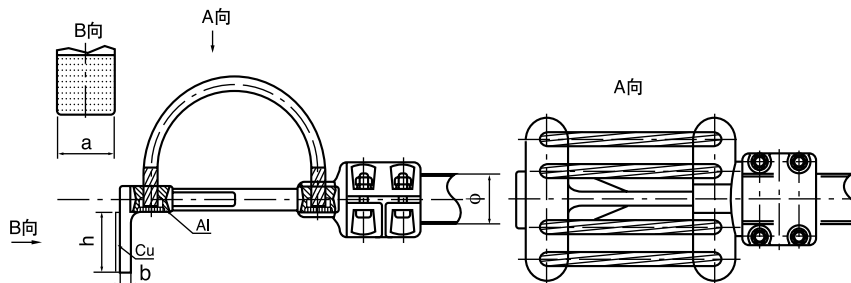
Al-Cu Transition Flexible Clamps for Tubular Bus-bar (Type MGSG, Group B, With Al-Cu Laminated sheet)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	h	$\phi$	
MGSG-70B	70	80	16	85	70	
MGSG-80B	80	80	16	85	80	
MGSG-90B	90	100	18	105	90	
MGSG-100B	100	100	18	105	100	
MGSG-110B	110	100	18	105	110	
MGSG-120B	120	100	18	105	120	
MGSG-130B	130	125	20	130	130	
MGSG-150B	150	125	20	130	150	
MGSG-170B	170	125	20	130	170	
MGSG-200B	200	150	25	160	200	
MGSG-250B	250	150	25	160	250	

66. 管母线铜铝过渡伸缩线夹 (MGSG型C类, 铜铝复合片)

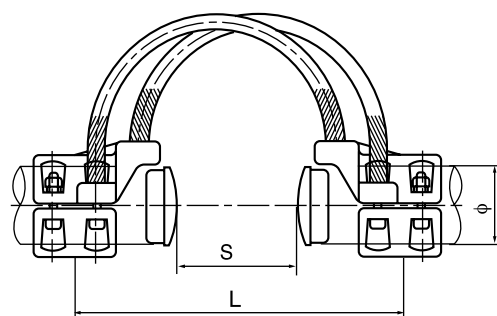
Al-Cu Transition Flexible Clamps for Tubular Bus-bar (Type MGSG, Group C, With Al-Cu Laminated sheet)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		a	b	h	$\phi$	
MGSG-70C	70	80	16	85	70	8.0
MGSG-80C	80	80	16	85	80	9.0
MGSG-90C	90	100	18	105	90	10.0
MGSG-100C	100	100	18	105	100	10.5
MGSG-110C	110	100	18	105	110	11.5
MGSG-120C	120	100	18	105	120	14.5
MGSG-130C	130	125	20	130	130	15.0
MGSG-150C	150	125	20	130	150	18.0
MGSG-170C	170	125	20	130	170	24.0
MGSG-200C	200	150	25	160	200	35.0
MGSG-250C	250	150	25	160	250	39.0

67. 管母线伸缩金具 (MGSD型)

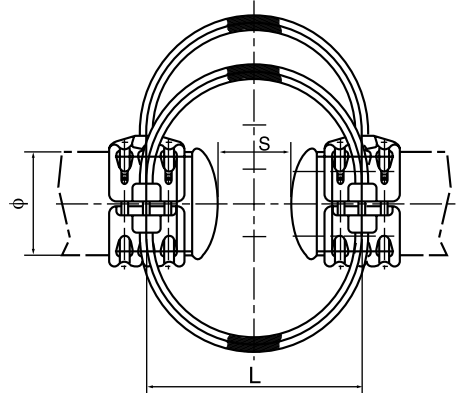
Tubular Bus-bar Flexible Fittings (Type MGSD)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)	
		L	$\phi$
MGSD-70	70	400	70
MGSD-80	80	400	80
MGSD-90	190	420	90
MGSD-100	100	420	100
MGSD-120	120	460	120
MGSD-130	130	460	130
MGSD-150	150	480	150
MGSD-170	170	500	170
MGSD-200	200	520	200
MGSD-250	250	520	250

**68. 管母线伸缩金具 (MGSD(L)型)**

Flexible Fittings for Tubular Bus-bar (Type MGSD/L)



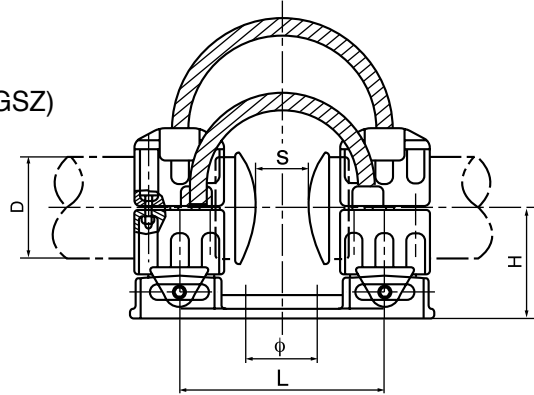
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)		参考重量 Weight (kg)
		L	φ	
MGSD-150L	150	480	150	
MGSD-170L	170	500	170	
MGSD-200L	200	520	200	
MGSD-250L	250	550	250	

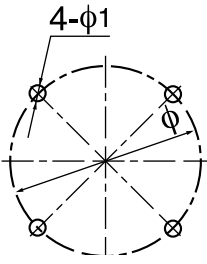
根据管母直径大小 S=80 ~ 180mm

The range of "S" is 80 ~ 180mm.

**69. 支撑式管母线伸缩金具 (MGSZ型)**

Support Type Tubular Bus-bar Flexible Fittings (Type MGSZ)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	适用支柱绝缘子法兰盘尺寸φ Dimension of Insulator	主要尺寸 Dimensions (mm)			参考重量 Weight (kg)
			D	L	H	
MGSZ-70	70		70	400	125	
MGSZ-80	80		80	400	130	
MGSZ-90	190		90	420	130	
MGSZ-100	100		100	420	135	
MGSZ-120	120		120	460	145	
MGSZ-130	130		130	460	155	
MGSZ-150	150		150	480	160	
MGSZ-170	170		170	500	180	
MGSZ-200	200		200	520	210	
MGSZ-250	250		250	520	248	

1. 根据管母直径大小 S=80 ~ 180mm

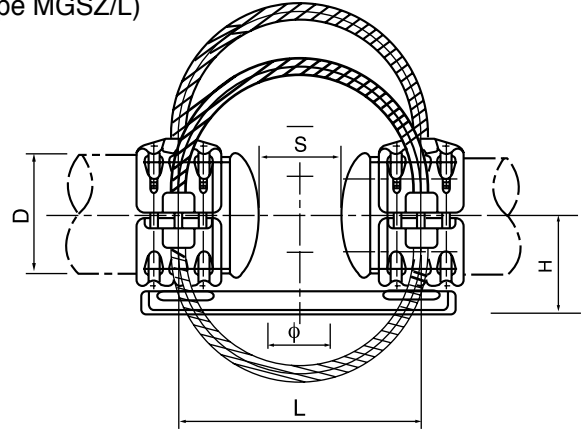
2. 表中 φ 为支柱绝缘子法兰盘联接尺寸 (127,140,190,225,250,254), 用户在订货时注明需要的法兰盘尺寸及法兰盘联接班螺栓孔径尺寸 4-φ1, 例: MGSZ-150=225(4-φ18)。

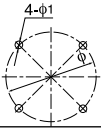
1.The range of "S" is 80 ~ 180mm.

2.The dimensions of "φ" in the Fig. are 127, 140,190, 225, 250, 254. Please indicate the value of "φ" and "4-φ1" when place the order. For example, MGSZ-150=225(4-φ18).

70. 支撑式管母线伸缩金具 (MGSZ(L)型)

Support Type Tubular Bus-bar Flexible Fittings (Type MGSZ/L)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	适用支柱绝缘子法兰盘尺寸φ Dimension of Insulator	主要尺寸 Dimensions (mm)			参考重量 Weight (kg)
			D	H	L	
MGSZ-150L	150			150	480	
MGSZ-170L	170			170	500	
MGSZ-200L	200			200	520	
MGSZ-250L	250			250	520	

1. 根据管母直径大小 S=80 ~ 180mm

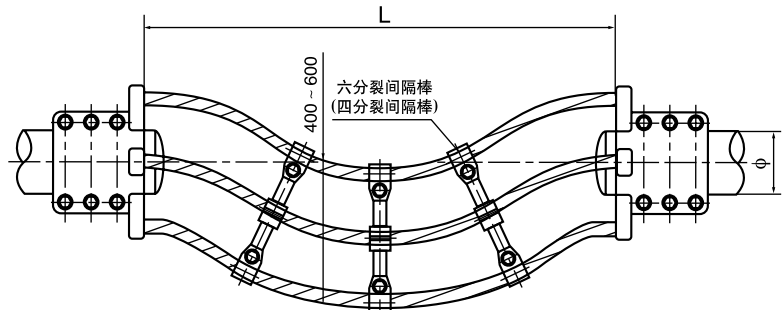
2. 表中 φ 为支柱绝缘子法兰盘联接尺寸(127,140,190,225,250,254), 用户在订货时注明需要的法兰盘尺寸及法兰盘联接班螺栓孔径尺寸  
1. 例: MGSZ-150L=225(4-φ18).

1.The range of "S" is 80 ~ 180mm.

2.The dimensions of "φ" in the Fig. are 127, 140,190, 225, 250, 254. Please indicate the value of "φ" and "4-φ1" when place the order.  
For example, MGSZ-150L=225(4-φ18).

71. 管母线跳线金具 (MXT型)

Tubular Bus-bar Jumping Suspension fittings (Type MXT)



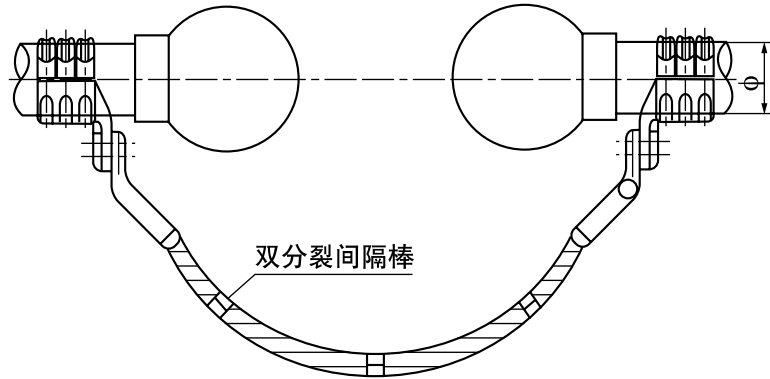
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)				参考重量 Weight (kg)
		φ	L	导线根数 Con. No	载流量 Current (A)	
MXT-130	130	130	2000	4	3150	
MXT-150	150	150	2000	4	3150	
MXT-170	170	170	4000	6	4800	
MXT-200	200	200	5000	6	7800	
MXT-250	250	250	5000	6	7800	

尺寸L也可根据设计需要确定, 订货时注明。

The dimension of "L" is determined according to designation. Please indicate the value when place the order.

## 72. 管母线跳线金具 (MGTS<sub>2</sub>型)

Tubular Bus-bar Jumping Suspension fittings (Type MGTS<sub>2</sub>)



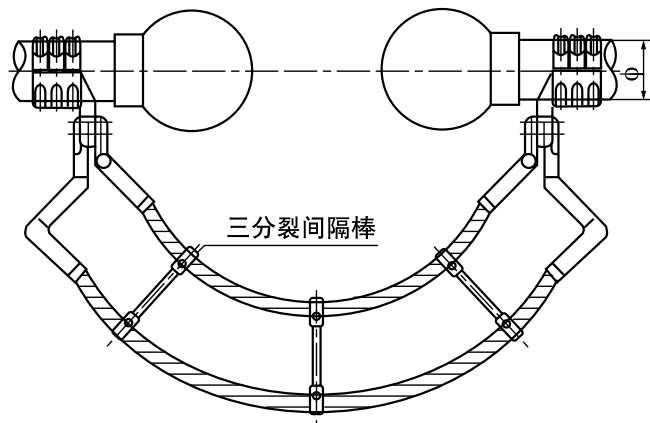
型号 Catalog No.	适用管母线外径 Suitable Bus-bar (mm)	适用软母线 Suitable Conductor		主要尺寸 Dimensions(mm)	
		型号Code	根数No	φ	载流量 Current(A)
MGTS <sub>2</sub> -150	150	NAHLGJQ -1440	2	150	5600
MGTS <sub>2</sub> -170	170		间隔距离	170	5600
MGTS <sub>2</sub> -200	200		400	200	5600
MGTS <sub>2</sub> -250	250			250	5600

尺寸L根据设计需要确定, 订货时注明。

The dimension of "L" is determined according to designation. Please indicate the value when place the order.

## 73. 管母线跳线金具 (MGTS<sub>3</sub>型)

Tubular Bus-bar Jumping Suspension fittings (Type MGTS<sub>3</sub>)



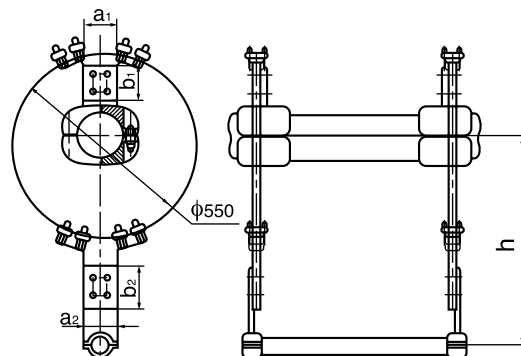
型号 Catalog No.	适用管母线外径 Suitable Bus-bar (mm)	适用软母线 Suitable Conductor		主要尺寸 Dimensions(mm)	
		型号Code	根数No	φ	载流量 Current(A)
MGTS <sub>3</sub> -150	150	NAHLGJQ -1440	3	150	8000
MGTS <sub>3</sub> -170	170		间隔距离	170	8000
MGTS <sub>3</sub> -200	200		400	200	8000
MGTS <sub>3</sub> -250	250			250	8000

尺寸L根据设计需要确定, 订货时注明。

The dimension of "L" is determined according to designation. Please indicate the value when place the order.

### 74. 消振环(单根) (MGH型)

Terminals for Tubular Bus-bar (Type MGH)



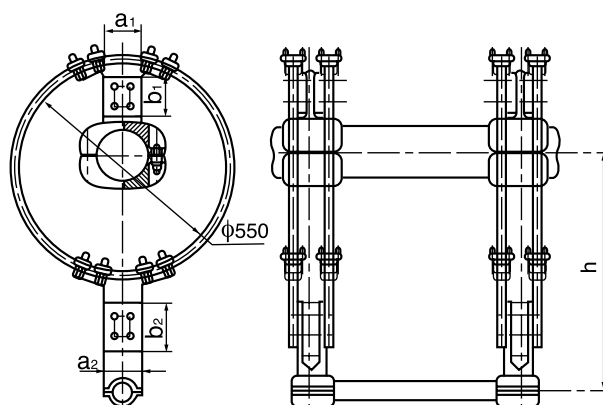
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					环形导线 Ring Type Conductor
		a <sub>1</sub>	b <sub>1</sub>	h	a <sub>2</sub>	b <sub>2</sub>	
MGH-80L	80/72	80	110	500~600	100	120	LGJ-185-240
MGH-90L	90/180	180	110		100	120	
MGH-100L	100/90	100	110		100	120	
MGH-110L	110/100	100	110		100	120	
MGH-120L	120/110	100	110		100	120	
MGH-130L	130/116	125	185		100	190	
MGH-150L	150/136	125	185		100	190	
MGH-170L	170/156	125	185		100	190	

本产品包含上环、下环、T型线夹，其余用户自备。

This fitting includes up-ring, down-ring and T-connector.

### 75. 消振环(双根) (MGH(S)型)

Terminals for Tubular Bus-bar (Type MGH/S)



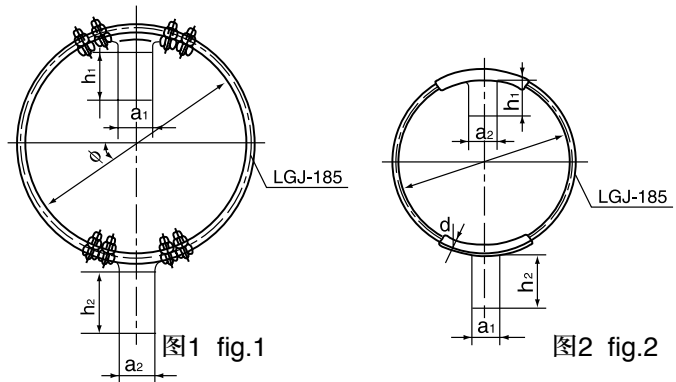
型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)					环形导线 Ring Type Conductor
		a <sub>1</sub>	b <sub>1</sub>	h	a <sub>2</sub>	b <sub>2</sub>	
MGH-80S	80/72	80	110	500~600	100	129	LGJ-185-240
MGH-90S	90/180						
MGH-100S	100/90	100	110		100	120	
MGH-110S	110/100						
MGH-120S	120/110						
MGH-130S	130/116						
MGH-150S	150/136						
MGH-170S	170/156						

本产品包含上环、下环、T型线夹，其余用户自备。

This fitting includes up-ring, down-ring and T-connector.

## 76. 管母线消振环 (MGH型)

Terminals for Tubular Bus-bar (Type MGH)



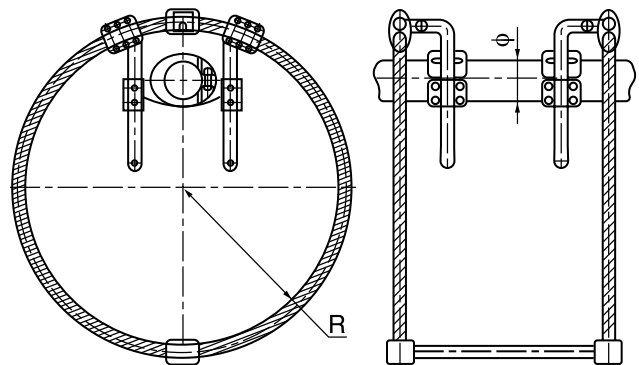
型号 Catalog No.	适用管母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)						图示 Fig No.	环形导线 Ring Type Conductor
		$\phi$	d	$a_1$	$a_2$	$h_1$	$h_2$		
MGH-1L	$\phi 70\sim 80$	520		80	100	110	120	1	LGJ-185
MGH-2L	$\phi 100\sim 120$	520		100	100	110	120		LGJ-185
MGH-3L	$\phi 130\sim 170$	520		125	100	185	190		LGJ-185
MGH-1L-1	$\phi 70\sim 80$	550		80	100	110	120		LGJ-185
MGH-2L-1	$\phi 100\sim 120$	550		100	100	110	120		LGJ-185
MGH-3L-1	$\phi 130\sim 170$	550		125	100	185	190		LGJ-185
MGH-1Y	$\phi 70\sim 80$	550	32	80	80	155	195	2	LGJ-185
MGH-2Y	$\phi 100\sim 120$	550	32	80	80	155	175		LGJ-185
MGH-3Y	$\phi 130\sim 170$	550	32	100	100	155	185		LGJ-185

本产品包含上环、下环、T型线夹，其余用户自备。

This fitting includes up-ring, down-ring and T-connector.

## 77. 可调式消振环 (MGH(T)型)

Adjustable Damping Rings (Type MGH/T)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)	
		R	$\phi$
MGH-80T	80/72	300	80
MGH-90T	90/80	300	90
MGH-100T	100/90	400	100
MGH-120T	120/110	400	120
MGH-130T	130/116	450	130
MGH-150T	150/136	450	150
MGH-170T	170/156	500	170

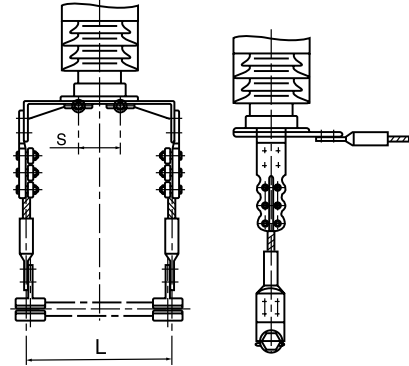
本产品包含软母线夹，管母线夹，其余用户自备。

This fitting includes flexible Bus-bar clamps and tubular Bus-bar clamps.



78. 倒装金具 (DJJ型)

Inverted Fittings (Type DJJ)



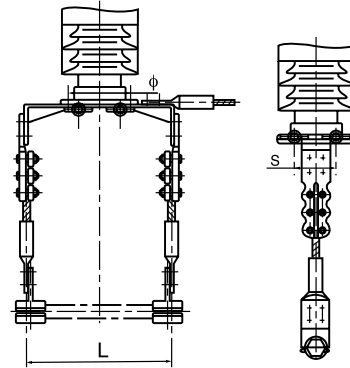
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)		适用绝缘子孔距 Dimension of Insulator
		L	S	
DJJ-140/( )	LGJ-185	由用户提供 As user's requirement		
DJJ-190/( )	LGJ-240			
DJJ-225/( )	LGJ-300			
DJJ-250/( )	LGJ-400			
	LGJ-500			

订货时用户应提供尺寸L及S值, 并填入括号内, 例如: 上导线为LGJ-240, 引下线为LGJ-185, 绝缘子孔距 $\phi 140$ , 4- $\phi 1$ 孔径为14, S尺寸为120, L尺寸为800, 则可定型号为: DJJ-140(4- $\phi 14$ -240/185-120/800)。

Please indicate the dimensions of "L" and "S" and fill them in "( )". For example, if the upper conductor is LGJ-240, the service line is LGJ-185, the hole diameter of insulator is  $\phi 140$ , "4- $\phi 1$ " is 14, "S" is 120, "L" is 800, then the type will be DJJ-140(4- $\phi 14$ -240/185-120/800).

79. 倒装金具 (DJJ<sub>1</sub>型)

Inverted Fittings (Type DJJ<sub>1</sub>)



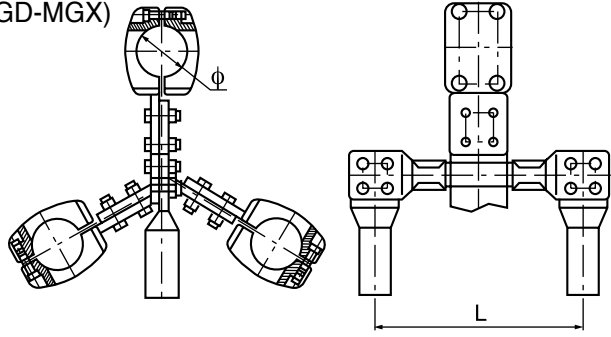
型号 Catalog No.	适用导线 Suitable Conductor	主要尺寸 Dimensions(mm)		适用绝缘子孔距 Dimension of Insulator
		L	S	
DJJ <sub>1</sub> -140/( )	LGJ-185	由用户提供规格 As users' requirement		
DJJ <sub>1</sub> -190/( )	LGJ-240			
DJJ <sub>1</sub> -225/( )	LGJ-300			
DJJ <sub>1</sub> -250/( )	LGJ-400			
	LGJ-500			

订货时用户应提供尺寸L及S值, 并填入括号内, 例如: 上导线为LGJ-240, 引下线为LGJ-185, 绝缘子孔距 $\phi 140$ , 4- $\phi 1$ 孔径为14, S尺寸为120, L尺寸为800, 则可定型号为: DJJ<sub>1</sub>-140(4- $\phi 14$ -240/185-120/800)。

Please indicate the dimensions of "L" and "S" and fill them in "( )". For example, if the upper conductor is LGJ-240, the service line is LGJ-185, the hole diameter of insulator is  $\phi 140$ , "4- $\phi 1$ " is 14, "S" is 120, "L" is 800, then the type will be DJJ<sub>1</sub>-140(4- $\phi 14$ -240/185-120/800).

## 80. 三变二Y形线夹 (MGD-MGX型)

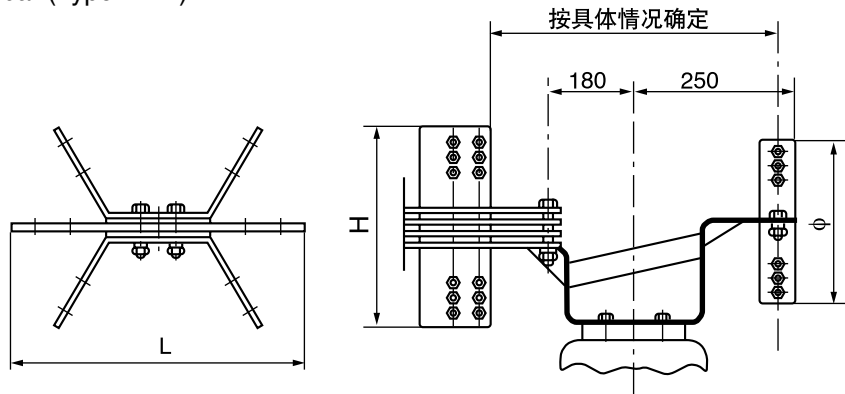
Y-Connectors for 3-2 Bundle Conductor (Type MGD-MGX)



型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)		备注
		L	$\phi$	
MGD-70(3/2) (MGX-2/3 Y-70)	70/64	400	70	由用户 提供规格 As users' requirement
MGD-80(3/2) (MGX-2/3 Y-80)	80/72	400	80	
MGD-100(3/2) (MGX-2/3 Y-100)	100/90	400	100	
MGD-110(3/2) (MGX-2/3 Y-110)	110/100	400	110	
MGD-120(3/2) (MGX-2/3 Y-120)	120/110	400	120	
MGD-130(3/2) (MGX-2/3 Y-130)	130/116	400	130	
MGD-150(3/2) (MGX-2/3 Y-150)	150/136	400	150	
MGD-170(3/2) (MGX-2/3 Y-170)	170/156	400	170	

## 81. 组合导线终端固定金具 (MZD型)

End Supports for Double Bus-bar (Type MZD)



型号 Catalog No.	适用母线最大范围 Range of Bus-bar			主要尺寸 Dimensions(mm)			
	软导线		硬铝母线 根 × (宽 × 厚)	L	H	$\phi$	
MZD(2+8)	2 ×	LGJ-185	+8 LJ-120	2 × (100 × 10)	400	360	200
MZD(2+12)			+12	3 × (125 × 10) 或 4 × (125 × 10)	470	400	280
MZD(2+16)		LGJ-240	+16 LJ-150	3 × (125 × 10) 或 4 × (125 × 10)	590	400	280
MZD(2+20)			+20	3 × (125 × 10) 或 4 × (125 × 10)	590	400	300
MZD(2+24)		+24 LJ-185	槽形母线[200 × 90 × 10]或 [200 × 90 × 12](高 × 宽 × 厚)	330	380	320	

## 82. 跨路母线过渡金具 (KLMG型)

Crossing Bus-bar Transition Fittings (Type KLMG)

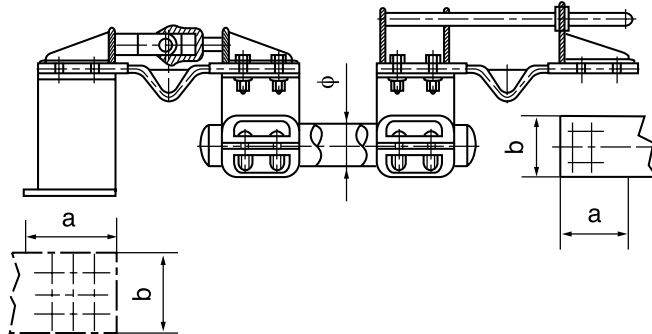


图1 fig.1

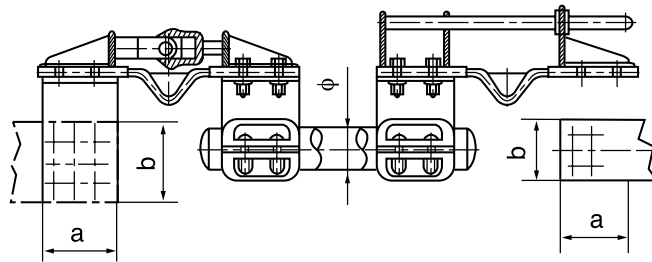


图2 fig.2

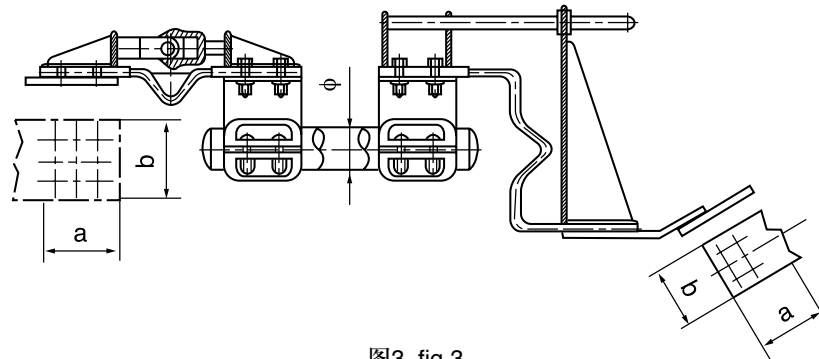


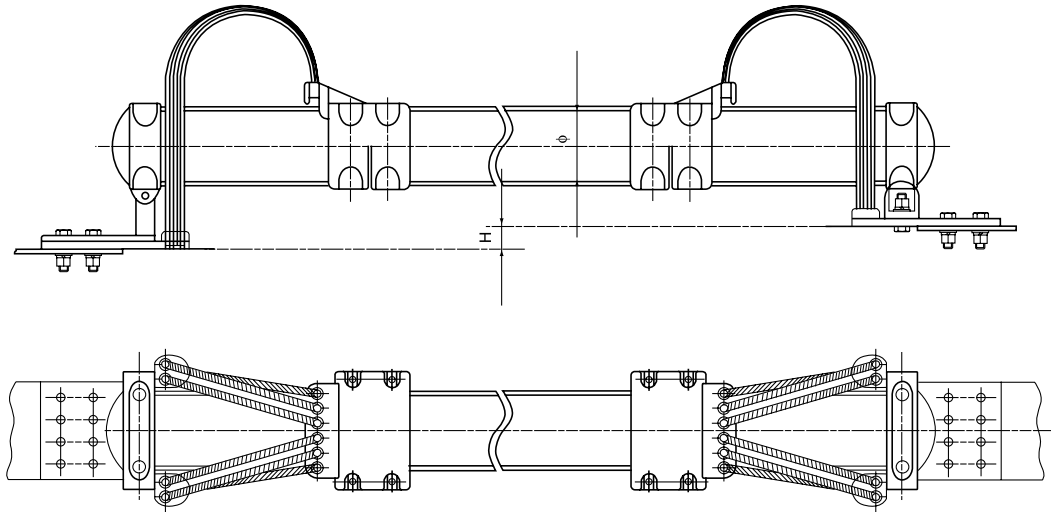
图3 fig.3

型号 Catalog No.	适用母线 Suitable Bus-bar (mm)	主要尺寸 Dimensions(mm)		
		$\phi$	a	b
KLMG-70/64	70/64	70	85	80
KLMG-80/72	80/72	80	85	80
KLMG-90/80	90/80	90	105	100
KLMG-100/90	100/90	100	105	100
KLMG-120/110	120/110	120	105	100
KLMG-130/116	130/116	130	130	125
KLMG-150/136	150/136	150	130	125

用户应提供设备与管母线的离地高度，以及安装要求。

## 83. KLMG1型跨路母线过渡金具

Crossing Bus-bar Transition Fittings (Type KLMG1)

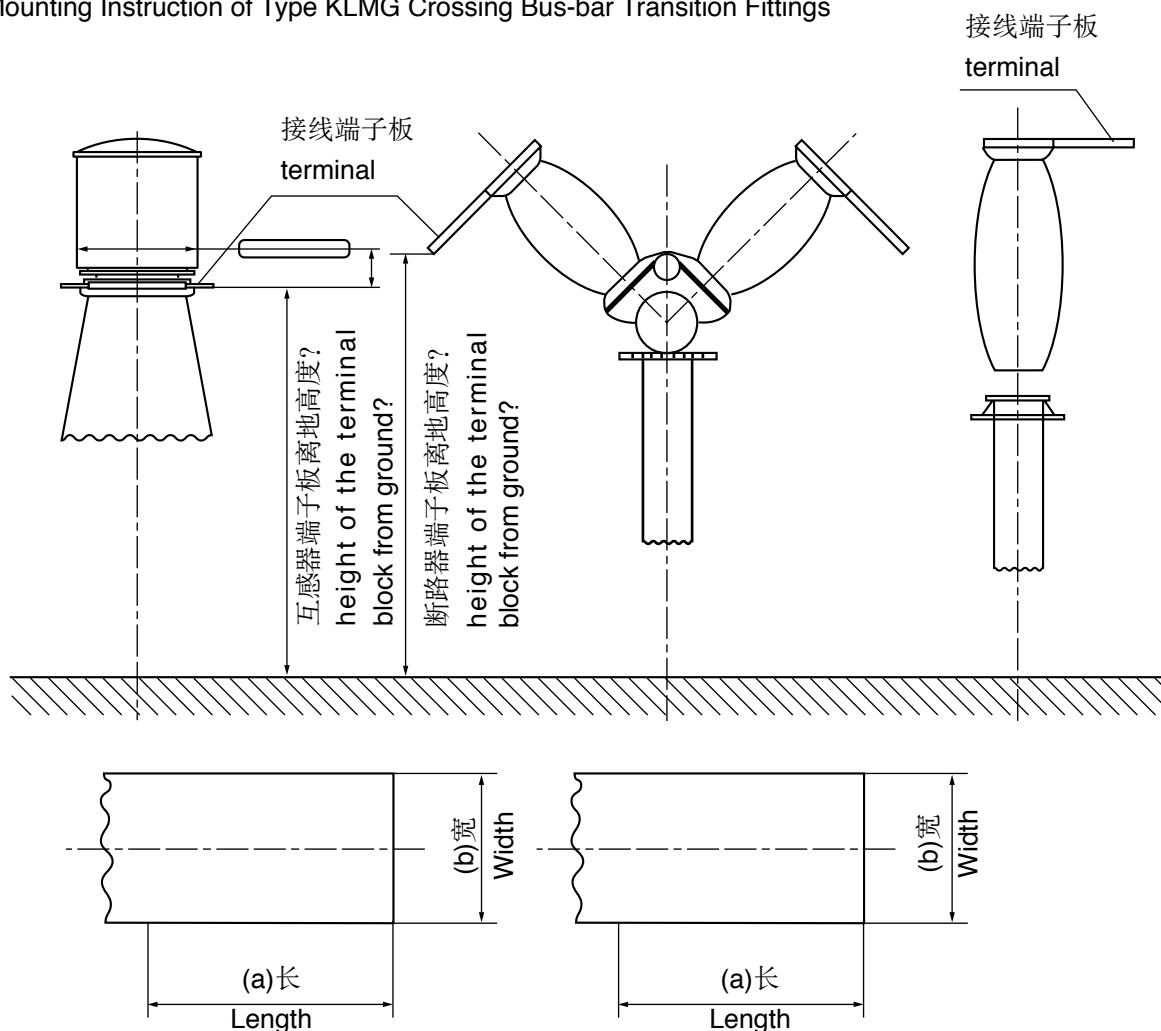


型号 Catalog No.	适用母线(mm <sup>2</sup> ) Suitable Conductor Dia.	参考重量 Weight (kg)
KLMG1-130/116	φ 130/116	
KLMG1-150/136	φ 150/136	
KLMG1-170/156	φ 170/156	
KLMG1-200/180	φ 200/180	
KLMG1-250/230	φ 250/230	

适用于 φ 130 - φ 250 管母线设备与设备之间的联接，可调节端子板的高差 H 和铝管的热胀冷缩现象（断路器侧可以滑动），管母线可以转动一定角度，并且一端可检修绝缘。用户订货时请注明高差 H、管母直径 φ 和开关、断路器的详细尺寸。

## KLMG型跨路母线过渡金具安装及订货说明

Mounting Instruction of Type KLMG Crossing Bus-bar Transition Fittings



说明:

I、因安装需要, 请用户在订货时提供上图所示尺寸及以下资料:

- a、互感器端子板的接线方向 (水平、垂直)
- b、互感器端子板尺寸 (长 $a$  × 宽 $b$ )
- c、互感器端子板材质 (铜或铝)
- d、断路器端子板的接线方向 (水平、垂直与水平反向角度)
- e、断路器端子板尺寸 (长 $a$  × 宽 $b$ )
- f、断路器端子板材质 (铜或铝)

II、如跨路母线要求水平布置, 请提供互感器及断路器端子板准确的离地高度。

Note:

I、Please indicate following data when place the order:

- a. The direction of terminal (Horizontal or Vertical)
- b. The dimensions of terminal (Length "a" × width "b")
- c. The material of terminal (Copper or Aluminum)

II、If the crossing bus-bar is horizontal, please indicate the accurate height of the terminal blocks from ground.

## 附录 APPENDIX

 一、LGJ型钢芯铝绞线计算参数 (GB1179-83)  
 CALCULATED DATA OF ACSR (TYPE LGJ)

标称截面 Nominal Area (m <sup>2</sup> )	结构(根数 /直径) Stranding & Wire Dia (mm)		计算截面 Calculated Sectional Area (m <sup>2</sup> )			外径 Dia (mm)	直流电阻不 大于 D.C. Resistance ≤W/km	计算拉 断力 Calculated Breaking Load (kN)	计算重量 Calculated Weight kg/km	交货长度 不小于 Length ≥m
	铝/钢 Al/Steel	铝 Al	钢 Steel	铝 Al	钢 Steel					
10/2	6/1.50	1/1.50	10.60	1.77	12.37	4.50	2.706	4120	42.9	3000
16/3	6/1.85	1/1.85	16.13	2.69	18.82	5.55	1.779	6130	65.2	3000
25/4	6/2.32	1/2.32	25.36	4.23	29.59	6.96	1.131	9290	102.6	3000
35/6	6/2.72	1/2.72	34.86	5.81	40.67	8.16	0.8230	12630	141.0	3000
50/8	6/3.2	1/3.20	48.25	8.04	56.29	9.60	0.5946	16870	195.1	2000
50/30	12/2.32	7/2.32	50.73	29.59	80.32	11.60	0.5692	42620	372.0	3000
70/10	6/3.80	1/3.80	68.05	11.34	79.39	11.40	0.4217	23390	275.2	2000
70/40	12/2.72	7/2.72	69.73	40.67	110.40	13.60	0.4141	58300	511.3	2000
95/15	26/2.15	7/1.67	94.39	15.33	109.72	13.61	0.3059	35000	380.8	2000
95/20	7/4.16	7/1.85	95.14	18.32	113.96	13.87	0.3019	37200	408.8	2000
95/55	12/3.20	7/3.20	96.51	56.30	152.81	16.00	0.2992	78110	707.7	2000
120/7	18/2.90	1/2.90	118.89	6.61	125.50	14.50	0.2422	27570	379.0	2000
120/20	26/2.38	7/1.85	115.67	18.82	134.49	15.07	0.2496	41000	466.8	2000
120/25	7/4.72	7/2.10	122.48	24.25	146.73	15.74	0.2345	74880	526.6	2000
120/70	12/3.60	7/3.60	122.15	71.25	193.40	18.00	0.2364	98370	895.6	2000
150/8	18/3.20	1/3.20	144.76	8.04	152.80	16.00	0.1989	32860	461.4	2000
150/20	24/2.78	7/1.85	145.68	18.82	164.50	16.67	0.1980	46630	549.4	2000
150/25	26/2.70	7/2.10	148.86	24.25	173.11	17.10	0.1939	54110	601.0	2000
150/35	30/2.50	7/2.50	147.26	34.36	181.62	17.50	0.1962	65020	676.2	2000
185/10	18/3.60	1/3.60	183.22	10.18	193.40	18.00	0.1572	40880	584.0	2000
185/25	24/3.15	7/2.10	187.04	24.25	211.29	18.90	0.1542	59420	706.1	2000
185/30	26/2.98	7/2.32	181.34	29.59	210.93	18.88	0.1592	64320	732.6	2000
185/45	30/2.80	7/2.80	184.73	43.10	227.83	19.60	0.1564	80190	848.2	2000
210/10	18/3.80	1/3.80	204.14	11.34	215.48	19.00	0.1411	45140	650.7	2000
210/25	24/3.33	7/2.22	209.02	27.10	236.12	19.98	0.1380	65990	789.1	2000
210/35	26/3.22	7/2.50	211.73	34.36	246.09	20.38	0.1363	74250	853.9	2000
210/50	30/2.98	7/2.98	209.24	48.82	258.06	20.86	0.1381	90830	960.8	2000
240/30	24/3.60	7/2.40	244.29	31.67	275.96	21.60	0.1181	75620	922.2	2000
240/40	26/3.42	7/2.66	238.85	38.90	277.75	21.66	0.1209	83370	964.3	2000
240/55	30/3.20	7/3.20	241.27	56.30	297.57	22.40	0.1198	102100	1108	2000
300/15	42/3.00	7/1.67	296.88	15.33	312.21	23.01	0.09724	68060	939.8	2000
300/20	45/2.93	7/1.95	303.42	20.91	324.33	23.43	0.09520	75680	1002	2000
300/25	48/2.85	7/2.22	306.21	27.10	333.31	23.76	0.09433	83410	1058	2000
300/40	24/3.99	7/2.66	300.09	38.90	338.99	23.94	0.09614	92220	1133	2000
300/50	26/3.83	7/2.98	299.54	48.82	348.36	24.26	0.09636	103400	1210	2000

(续表见下页)

(续表见上页)

标称截面 Norminal Area (m <sup>2</sup> ) 铝/钢 Al/Steel	结构(根数 /直径) Stranding & Wire Dia (mm)		计算截面 Calculated Sectional Area (m <sup>2</sup> )			外径 Dia (mm)	直流电阻不 大于 D.C. Resistance ≤W/km	计算拉 断力 Calculated Breaking Load (kN)	计算重量 Calculated Weight kg/km	交货长度 不小于 Length ≥m
	铝 Al	钢 Steel	铝 Al	钢 Steel	总计 Total					
300/70	30/3.60	7/3.60	305.36	71.25	376.61	25.20	0.09463	128000	1402	2000
400/20	42/3.51	7/1.95	406.40	20.91	427.31	26.91	0.07104	88850	1286	1500
400/25	45/3.33	7/2.22	391.91	27.10	419.01	26.64	0.07370	95940	1295	1500
400/35	48/3.22	7/2.50	390.38	34.36	425.24	26.82	0.07889	103900	1349	1500
400/50	54/3.07	7/3.07	399.73	51.82	451.55	27.63	0.07232	123400	1511	1500
400/65	26/4.42	7/3.44	398.94	65.06	464.00	28.00	0.07236	135200	1611	1500
400/95	30/4.16	19/2.50	407.75	93.27	501.02	29.14	0.07087	171300	1860	1500
500/35	45/3.75	7/2.50	497.01	34.36	531.37	30.00	0.05812	119500	1642	1500
500/45	48/3.60	7/2.80	488.58	43.10	531.68	30.00	0.05912	128100	1688	1500
500/65	54/3.44	7/3.44	501.88	65.06	566.94	30.96	0.05760	154000	1897	1500
630/45	45/4.20	7/2.80	623.45	43.10	666.55	33.60	0.04633	148700	2060	1200
630/55	48/4.12	7/3.20	639.92	56.30	696.22	34.32	0.04514	164400	2209	1200
630/80	54/3.87	19/2.32	625.19	80.32	715.51	34.82	0.04551	192900	2388	1200
800/55	45/4.80	7/3.20	814.30	56.30	870.60	38.40	0.03547	191500	2690	1000
800/70	48/4.63	7/3.60	808.15	71.25	879.40	38.58	0.03574	207000	2791	1000
800/100	54/4.33	19/2.60	795.17	100.88	896.05	38.98	0.03635	241100	2991	1000

## 二、大截面导线技术性能表

TABLE OF TECHNOLOGICAL PERFORMANCE OF CONDUCTORS

导线 型号 Type of Conductors	结构(根数 /直径) Stranding & Wire Dia (mm)		计算截面 Calculated Sectional Area (m <sup>2</sup> )			计算 外径 Calculated Dia (mm)	计算拉 断力 Calculated Breaking Load (kN)	20℃直流 电阻 20℃ D.C. Resistanc- ce W/km	载流量 Rated Current
	铝 Al	钢 Steel	铝 Al	钢 Steel	总计 Total				
LGKK-600	48/3.0	7/3.0	587	7/3.0	636.5	51	152	0.0506	1204.67
LGKK-900	80/12	12/3.0	906.4	12/3.0	991.33	49	209	0.03317	1270
LGJQT-1400	88/4.5	19/3.0	1399.6	19/3.0	1533.9	51	336.2	0.02138	1563
NAHLGJQ-1440	84/4.67	19/2.8	1438	19/2.8	1555	51.36	324	0.0213	2840

### 三、(防腐)58% (60%) IACS 耐热铝合金钢芯绞线结构与技术指标 (NRLH58GJ、NRLH60GJ、NRLH58GJF、NRLH60GJF型)

TABLE OF TECHNOLOGICAL OF IACS  
(TYPE NRLH58GJ、NRLH60GJ、NRLH58GJF、NRLH60GJF)

标称截面 Nominal Area (m <sup>2</sup> ) 铝/钢 Al/Steel	结构(根数 /直径) Stranding & Wire Dia (mm)		计算 外径 Calcu- lated Dia (mm)	20℃ 58%IACS 直流电阻 不大于 (Ω/km) 20℃ D.C. Resistancce	计算拉 断力 Calculated Breaking Load (kN)	计算 重量 weight (kg/ km)4928	参考载流量 A Rated Current		
	铝 Al	钢 Steel					90℃	110℃	150℃
50/8	6/3.2	1/3.20	9.60	0.6254	16200	195	216	256	326
70/10	6/3.80	1/3.80	11.40	0.4435	22850	275	256	317	407
70/40	12/2.72	7/2.72	13.60	0.4356	57230	511	249	303	401
95/20	7/4.16	7/1.85	13.87	0.3176	36040	409	295	355	490
95/55	12/3.20	7/3.20	16.00	0.3147	76760	708	298	365	498
120/7	18/2.90	1/2.90	14.50	0.2547	26180	379	337	469	594
120/25	7/4.72	7/2.10	15.74	0.2467	46420	527	335	467	591
120/70	12/3.60	7/3.60	18.00	0.2486	97150	896	383	410	570
150/8	18/3.20	1/3.20	16.00	0.2092	30870	461	438	533	676
150/20	24/2.78	7/1.85	16.67	0.2083	44920	549	452	550	699
185/10	18/3.60	1/3.60	18.00	0.1653	39070	584	508	620	789
185/25	24/3.15	7/2.10	18.90	0.1622	56850	706	510	623	792
185/30	26/2.98	7/2.32	18.88	0.1674	62140	733	512	625	796
210/10	18/3.80	1/3.80	19.00	0.1484	43530	651	545	664	847
210/25	24/3.33	7/2.22	19.98	0.1452	63530	789	555	676	863
210/35	26/3.22	7/2.50	20.38	0.1434	71280	854	565	690	882
210/50	30/2.98	7/2.98	20.86	0.1452	88400	961	570	695	887
240/30	24/3.60	7/2.40	21.60	0.1242	73170	922	613	756	967
240/40	26/3.42	7/2.66	21.66	0.1271	80570	964	610	746	956
240/55	30/3.20	7/3.20	22.40	0.1260	98770	1108	612	758	969
300/15	42/3.00	7/1.67	23.01	0.10230	64570	940	695	848	1082
300/20	45/2.93	7/1.95	23.43	0.10012	72140	1002	697	850	1084
300/25	48/2.85	7/2.22	23.76	0.09920	79830	1058	698	851	1085
300/40	24/3.99	7/2.66	23.94	0.10111	89880	1133	700	858	1090
300/50	26/3.83	7/2.98	24.26	0.10135	101000	1210	702	861	1105
300/70	30/3.60	7/3.60	25.20	0.09952	125000	1402	718	882	1134
400/20	42/3.51	7/1.95	26.91	0.07471	86270	1286	816	998	1275
400/25	45/3.33	7/2.22	26.64	0.07751	90410	1295	817	999	1276
400/35	48/3.22	7/2.50	26.82	0.07772	98510	1349	819	998	1270
400/50	54/3.07	7/3.07	27.63	0.07606	117900	1511	821	998	1269
400/65	26/4.42	7/3.44	28.00	0.07610	130400	1611	826	1015	1270
400/95	30/4.16	19/2.50	29.14	0.07453	166000	1860	863	1065	1374
500/35	45/3.75	7/2.50	30.00	0.06112	114600	1642	944	1156	1481
500/45	48/3.60	7/2.80	30.00	0.06218	123300	1688	948	1157	1480
500/65	54/3.44	7/3.44	30.96	0.06058	148000	1897	950	1159	1478
630/45	45/4.20	7/2.80	33.60	0.04873	140600	2060	1083	1325	1701
630/55	48/4.12	7/3.20	34.32	0.04747	156100	2209	1088	1328	1700
630/80	54/3.87	19/2.32	34.82	0.04786	187900	2386	1091	1331	1698
800/55	45/4.80	7/3.20	38.40	0.03731	181800	2690	1268	1559	2012
800/70	48/4.63	7/3.60	38.58	0.03759	197300	2791	1265	1557	2010
800/100	54/4.33	19/2.6	38.98	0.03823	231600	2991	1251	1508	1933
1000/125	54/4.84	19/2.9	43.54	0.03060	288800	3733	1432	1744	2230
1440/120	84/4.67	19/2.8	51.36	0.02114	344600	4898	1871	2352	3093

注①NRLH60GJ绞线电阻为同截面NRLH58GJ电阻除以1.03449。

②NRLH58GJ、NRLH60GJ型的计算重量，应在相同规格值中增加防腐涂层的重量，其增值为：钢芯涂防腐涂层者增加2%，内部铝钢各层涂防腐涂层者增加5%。

③60%IACS的载流量为相同规格58%IACS的载流量的1.0171倍。



## 四、母线结构

### Structure of busbar

#### 复合屏蔽绝缘母线结构形式

#### Structure of complex insulated shielding busbar

- 母线系统的导体用圆形铜管、铝合金管、棒。

The conductor of busbar can be round copper tube, aluminium alloy tube or bar.

- 主绝缘材料采用聚四氟乙烯在恒温恒湿无尘状态下，直接复合在导体上。

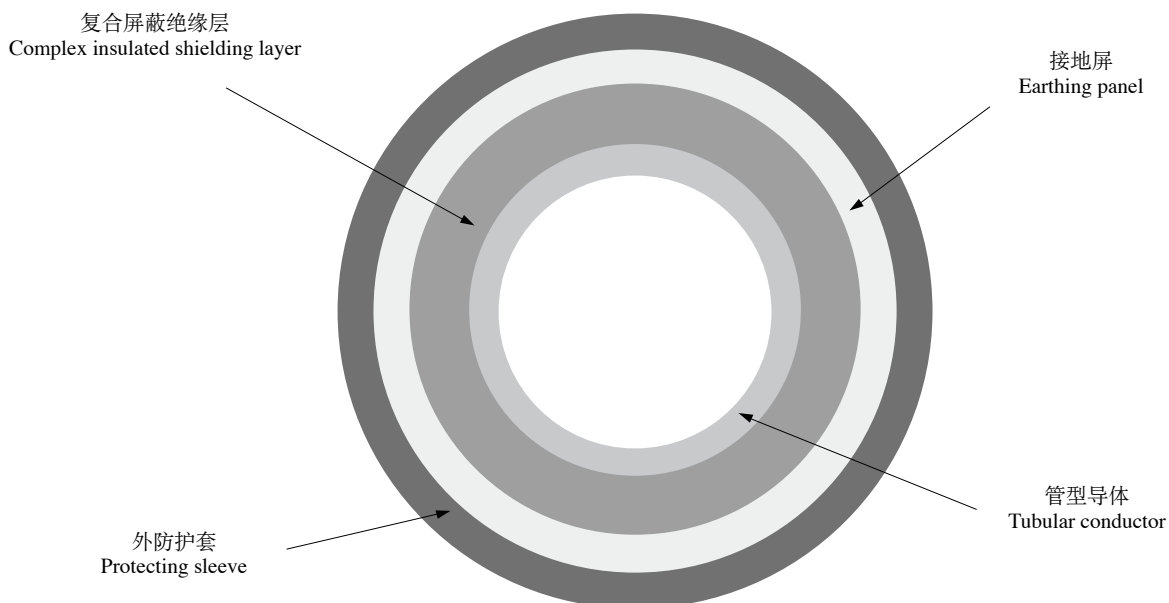
The main insulation material is the complex of PTFE combined on the conductor directly under the condition of constant temperature, constant humidity and dust free.

- 为控制电场分布构成完整的电屏蔽，在复合绝缘层过程中，加入导电的电容屏，并在绝缘层中放入全长的接地屏。

Add capacitance plate around the busbar and put the full length ground plate into the insulated layers in the process of the complex of insulated layer so as to control electric field distribution to make up the complete electric shielding.

- 沿母线全长，在绝缘层表面热缩密封式热套管，有效地防止辐射、凝、露、霜及雨水的进入。

Put sealed heat sleeve on the surface of insulated layer by pyrocondensation along the whole busbar to prevent radiation, freezing, dew, frost and rains.



## 五、特种导线

### (一) 耐热铝合金绞线(NRLH<sub>58</sub>GJ-、NRLH<sub>60</sub>GJ-)

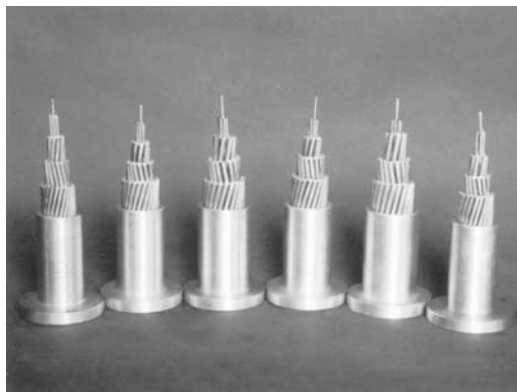
标称截面 铝/钢 mm <sup>2</sup>	结构, 根数/直径 mm		计算截面 mm <sup>2</sup>			外径 mm	直流电阻20℃ 不大于 Ω/km		计算 拉断力 kN	单位长度 质量 kg/km	交货长度 不小于 m
	铝	钢	铝	钢	总计		NRLH <sub>58</sub>	NRLH <sub>60</sub>			
1000/45	72/4.21	7/2.80	1002.3	43.1	1045.4	42.08	0.03035	0.02933	209.26	3100.3	600
1120/50	72/4.45	19/1.78	1119.8	47.3	1167.1	44.50	0.02716	0.02626	219.93	3464.9	600
1120/90	84/4.12	19/2.47	1119.9	91.0	1210.9	45.31	0.02718	0.02628	268.41	3811.5	600
1250/50	72/4.70	19/1.88	1249.2	52.7	1301.9	47.00	0.02435	0.02354	251.58	3867.1	600
1250/100	84/4.35	19/2.61	1248.4	101.7	1350.0	47.85	0.02438	0.02357	305.64	4253.9	600
1400/120	84/4.60	19/2.80	1396.0	117.0	1513.0	50.80	0.02071	0.02002	338.55	4821.0	500
1400/135	88/4.50	19/3.00	1399.6	134.3	1542.9	51.00	0.02067	0.01998	358.84	4962.0	500
1440/120	84/4.67	19/2.80	1438.8	117.0	1555.8	51.36	0.02114	0.02043	344.88	4928.0	500
1440/135	88/4.60	19/3.00	1462.5	134.3	1596.8	51.80	0.02107	0.02037	368.09	5224.0	500

### (二) 特轻型铝合金绞线(LGJQT-)

标称截面 铝/钢 mm <sup>2</sup>	结构, 根数/直径 mm		计算截面 mm <sup>2</sup>			外径 mm	直流电阻20℃ 不大于 Ω/km	计算 拉断力 kN	单位长度 质量 kg/km	交货长度 不小于 m
	铝	钢	铝	钢	总计					
1000/45	72/4.21	7/2.80	1002.3	43.1	1045.4	42.08	0.02885	209.26	3100.3	600
1120/50	72/4.45	19/1.78	1119.8	47.3	1167.1	44.50	0.02583	219.93	3464.9	600
1120/90	84/4.12	19/2.47	1119.9	91.0	1210.9	45.31	0.02584	268.41	3811.5	600
1250/50	72/4.70	19/1.88	1249.2	52.7	1301.9	47.00	0.02315	251.58	3867.1	600
1250/100	84/4.35	19/2.61	1248.4	101.7	1350.0	47.85	0.02318	305.64	4253.9	600
1400/120	84/4.60	19/2.80	1396.0	117.0	1513.0	50.80	0.01969	338.55	4821.0	500
1400/135	88/4.50	19/3.00	1399.6	134.3	1542.9	51.00	0.01966	358.84	4962.0	500
1440/120	84/4.67	19/2.80	1438.8	117.0	1555.8	51.36	0.02010	344.88	4928.0	500
1440/135	88/4.60	19/3.00	1462.5	134.3	1596.8	51.80	0.02003	368.09	5224.0	500

**(三) 扩径导线(LGKK-)**

标称截面 铝/钢 mm <sup>2</sup>	结构, 根数/直径 mm		计算截面 mm <sup>2</sup>			外径 mm	直流电阻20℃ 不大于 Ω/km	计算 拉断力 kN	单位长度 质量 kg/km	交货长度 不小于 m
	铝	钢	铝	钢	总计					
600	72/3.40	6/3.40	653.70	54.48	708.18	50.60	0.04501	167.00	2841.0	500
800	8/4.60 60/3.80	19/3.20	1001.42	152.81	966.23	49.00	0.03618	253.00	3491.0	500
900	18/3.00 62/4.00	12/3.00	906.35	84.82	991.17	49.00	0.03247	218.00	3705.0	500
1000	8/4.55 60/4.30	19/3.20	1001.40	152.81	1154.21	51.00	0.02931	278.00	4013.0	500
1250	4/4.60 76/4.47	19/3.20	1259.14	152.81	1411.95	52.00	0.02316	313.00	4713.0	500
1400	15/3.00 102/4.00	15/3.00	1387.80	106.03	1493.83	57.00	0.02104	307.00	5246.0	500

**A、导线系列: 普通架空导线****(一) 产品标准**

GB/T1179-1999等效IEC61089-1991(如需要,可协议按GB1179-83的结构尺寸,GB/T1179-1999的技术要求组织生产)

**(二) 用途**

适用于架空电力输配电线路

**(三) 型号名称及使用条件****1、导线型号(执行标准GB/T1179-1999)**

型号	名称	适用范围	标称截面(mm <sup>2</sup> )
JL	铝绞线	跨距较小的一般配电线路	16-1500
JL/G1A JL/G1B JL/G2A JL/G2B JL/G3A	钢芯铝绞线	高压或超高压,大跨距输配电线路	16-1250
JL/G1AF JL/G2AF JL/G3AF	防腐钢芯铝绞线	防腐钢芯铝绞线,沿海咸水湖、含盐土、沙质及其它腐蚀环境中高压或超高压及一般的输配电线路	16-1250

**B、额定电压1-10kV架空绝缘电缆****(一) 产品标准**

按GB12527-90, GB14049-93生产。参照采用国际电委员会IEC502、IEC2027等标准生产制造。

**(二) 适用范围**

本标准适用于交流额定电压为1kV、10kV的架空电力线路用铝芯、铜芯、铝合金交联聚乙烯和高密度聚乙烯绝缘架空电缆。

高密度聚乙烯绝缘导体的最高长期允许工作温度75℃。

(三) 电缆型号、名称及用途

型号	名称	主要用途
JKLVJKV	铝芯(铜芯)聚氯乙烯绝缘架空电缆	架空固定敷设, 软铜芯产品用于变压器引下线。电缆架设时, 应考虑电缆和树木保持一定距离, 电缆运行时, 允许电缆和树木频繁接触。
JKYL	铜芯交联聚乙烯绝缘架空电缆	
JKLYJ	铝芯交联聚乙烯绝缘架空电缆	
JKY	铜芯聚乙烯绝缘架空电缆	
JKLY	铝芯聚乙烯绝缘架空电缆	架空固定敷设, 电缆架设时, 应考虑电缆和树木保持一定距离, 电缆设计时, 允许电缆和树木频繁接触。
JKLY/B	铝芯本色交联聚乙烯绝缘架空电缆	
JKLHYJ/B	铝合金芯本色交联聚乙烯绝缘级架空电缆	
JKLYJ/Q	铝芯轻型交联聚乙烯绝缘架空电缆	
JKLY/Q	铝芯轻型聚乙烯绝缘架空电缆	



说明:

- (1) 1kV架空电缆绝缘材料为黑色耐候交联聚乙烯或聚氯乙烯。
- (2) 10kV架空电缆绝缘材料为黑色耐候交联聚乙烯或高密度聚乙烯。
- (3) 本公司可生产单芯架空电缆1kV线芯为16-240mm<sup>2</sup>范围, 10kV线芯为16-300mm<sup>2</sup>规格。
- (4) 如用户特别需要可根据用户要求生产其他规格架空电缆。

### C、0.6/1kV聚氯乙烯绝缘电力电缆

(一) 适用标准

- (1) 按照GB/T12706.1-2002制造。
- (2) 参照电工委员会IEC6052、1:1997等标准生产制造。

(二) 适用范围

本产品适用于交流额定电压(U<sub>0</sub>/U)0.6/1kV及以下输配电线路。

(三) 使用特性

- 1、最高允许工作温度为70℃, 最低工作环境温度-20℃, 短路时(5S)导体最高温度为160℃。
- 2、电缆敷设时环境温度应不低于0℃, 弯曲时半径为: 单芯电缆的20(D+d)±5%, 多芯电缆15(D+d)±5%, 其中D-电缆实际外径, d--导体实际外径。

(四) 电缆型号、规格及名称

型 号		名 称
铜 芯	铝 芯	
VV	VLV	铜芯(铝芯)聚氯乙烯绝缘聚乙烯护套电力电缆
VV22	VLV22	铜芯(铝芯)聚氯乙烯绝缘钢带铠装聚乙烯护套电力电缆

型 号	额定电压	芯 数	导体标准截面mm <sup>2</sup>
VV	0.6/1	1	1.5-185
VLV		2	1.5-185
VV22		3	1.5-185
VLV22		4(3+1)	1.5-185

## 六、铝合金管母线技术要求

### 1、生产标准

GB/T3190-1996《变形铝及铝合金化学成份》

GB/T6893-2000《铝及铝合金拉(轧)制无缝管》

YS/T454-2003《铝及铝合金导体》

Q/XH01-2008《铝及铝合金管型导体(母线)》

### 2、铝合金管母线牌号及化学成份

牌 号	化学成分(%)						
	Si	Fe	Mg	Mn	Cu	Re	Zr
铝锰合金系列3A21(LF21)	0.6	0.7	0.05	1.0~1.6	0.2	~	~
铝镁合金系列6063G(6063)	0.2~0.6	0.35	0.45~0.9	0.10	0.10	~	~
铝镁稀土合金系列LDRE(6R05)	0.2~0.6	0.3~0.5	0.40~0.9	0.10	0.15~0.25	0.10~0.20	~
耐热铝合金系列6Z63	0.2~0.6	0.35	0.45~0.9	0.10	0.1~0.2	0.07~0.16	0.08~0.20

### 3、管型母线供货规格范围

公称外径 mm	壁厚mm										长度 mm
	4.0	5.0	6.0	7.0	8.0	9.0	10.0	12.0	15.0	18.0	
80	✓	✓									≤ 13
90	✓	✓	✓								≤ 13
100	✓	✓	✓	✓	✓						≤ 13
110	✓	✓	✓	✓	✓						≤ 13
120		✓	✓	✓	✓						≤ 13
130		✓	✓	✓	✓	✓	✓				≤ 13
150			✓	✓	✓	✓	✓				≤ 13
170			✓	✓	✓	✓	✓				≤ 13
200					✓	✓	✓				≤ 13
250						✓	✓	✓	✓		≤ 13
280							✓	✓	✓		≤ 13
300									✓	✓	≤ 12
320									✓	✓	≤ 11

注：“✓”表示可供货范围，需要其他规格时，可供需双方协调。

**4、铝合金管母线几何参数**

导体尺寸D/d mm	截面积S mm <sup>2</sup>	截面系数W cm <sup>3</sup>	惯性半径r1 cm	惯性矩L cm <sup>4</sup>	供货长度L m
Φ80/72	954	17.61	2.69	69.2	≤ 13
Φ100/90	1491	35.2	3.36	169	≤ 13
Φ110/100	1649	42.25	3.72	228	≤ 13
Φ120/110	1806	50.84	4.07	299	≤ 13
Φ130/116	2705	80.4	4.36	513	≤ 13
Φ130/110	3768	107.1	4.26	683	≤ 13
Φ150/136	3145	109.4	5.06	806	≤ 13
Φ170/156	3583	143	5.77	1192	≤ 13
Φ170/154	4072	160.3	5.73	1339	≤ 13
Φ170/150	5024	193.5	5.67	1614	≤ 13
Φ200/180	5966	275.1	6.73	2700	≤ 13
Φ250/230	7540	443.1	8.49	5435	≤ 13
Φ250/226	8968	519	8.43	6365.8	≤ 13
Φ280/256	10098	662.3	9.48	9084	≤ 13
Φ300/270	13423.5	928.5	10.09	13667	≤ 12
Φ320/290	14365.5	1066.5	107.96	16745	≤ 11

## 5、铝合金管母线物理性能

性能	合金牌号			
	3A21(LF21)	6063G(6063)	LDRE(6R05)	6Z63
密度(g/cm <sup>3</sup> )(20℃)	2.74	2.75	2.75	2.75
熔点℃	646~656	620~640	620~640	628~668
导热系数(卡/℃ × cm × s)	0.46	0.5	0.51	0.51
相对导电率IACS%	41	56	56.5	56.5
泊松比μ	0.305	0.315	0.317	0.317
20℃电阻温度系数1/℃	0.0042	0.0041	0.0041	0.0041
温度线膨胀系数(1/℃)(20~100℃)	22.6 × 10 <sup>-6</sup>	23.4 × 10 <sup>-6</sup>	24.7 × 10 <sup>-6</sup>	24.7 × 10 <sup>-6</sup>
20℃电阻率ρ, Ω·mm <sup>2</sup> /m	0.043	0.032	0.031	0.031
弹性模量E(MPa)	71000	72000	72000	72000
最高允许工作温度	80℃~100℃	80℃~100℃	80℃~100℃	150℃~200℃

## 6、铝合金管母线供应状态及力学性能

合金牌号	状态	力学性能						备注
		抗拉强度σ <sub>b</sub> (Mpa)		屈服强度σ <sub>0.2</sub> (Mpa)		延伸率δ(%)		
		标准值	实测值	标准值	实测值	标准值	实测值	
3A21(LF21)	H14	≥ 135	≥ 160	—	≥ 130	—	≥ 15	GB/T6893-2000
6063G(6063)	T10	≥ 180	≥ 206	≥ 160	≥ 170	—	≥ 12	YS/T454-2003
	T6	≥ 205	≥ 225	≥ 175	≥ 190	≥ 8	≥ 12	
LDRE(6R05)	T10	≥ 185	≥ 210	≥ 165	≥ 175	—	≥ 12	
	T6	≥ 210	≥ 230	≥ 180	≥ 200	≥ 8	≥ 12	
6Z63	T10	≥ 190	≥ 220	≥ 170	≥ 180	≥ 9	≥ 12	Q/XH01-2008
	T6	≥ 220	≥ 240	≥ 190	≥ 205	≥ 8	≥ 12	

## 7、铝合金管母线载流量（环境温度20℃时）

型号	材质 温升	3A21(LF21)		6063G(6063)		LDRE(6R05)		6Z63	
		+70K	+80K	+70K	+80K	+70K	+80K	+70K	+80K
Φ80/72		1320	1470	—	—	—	—	—	—
Φ100/90		1980	2300	2681	2903	3260	3490	3383	3538
Φ110/100		2190	2543	2901	3144	3610	3790	3736	3860
Φ120/110		2368	2766	3118	3382	3810	4100	3985	4208
Φ130/116		3460	3820	3910	4244	4410	4630	4496	4880
Φ130/110		3980	4500	4615	5011	5315	5421	5507	5762
Φ150/136		3990	4350	4516	4891	5350	5880	5566	5968
Φ170/156		4356	4720	4891	5327	5710	6116	5824	6226
Φ170/154		4470	4850	5213	5677	6560	6910	6630	7060
Φ170/150		4710	5020	5792	6308	6750	7190	7160	7480
Φ200/180		5600	5900	7906	8426	8330	8860	8540	8990
Φ250/230		—	—	8512	9168	8870	9540	9177	10543
Φ250/226		—	—	9391	10142	9660	10610	10569	11663
Φ280/256		—	—	10374	11445	11250	11960	11930	13161
Φ300/270		—	—	13690	15114	14600	16330	15743	17381
Φ320/290		—	—	14550	16074	16060	17478	16732	18485

## 铝合金管母线选型

- 我公司新开发的6Z63高强度耐热铝合金管型母线，除具备常规管型母线的优点外，更重要的是6Z63高强度耐热铝合金管型母线可在更高的工作温度下(150℃~200℃)安全运行，其高温（250℃）软化力学性能抗拉强度可保持常温时的88%以上，达到200MPa以上，其焊接后热影响区的强度系数达到常温时的80%以上，在融冰装置工程、大容量变电站工程、老变电站改造工程及使用温度要求较高的地方，适合选用。
- 铝镁稀土合金系列LDRE(6R05)管型母线，因合金中加入了稀土元素，改善了产品导电性能，提高了抗腐蚀能力，在广东、福建等沿海及污染严重地区应用较广，使用效果非常好，得到用户的一致好评。
- 所有管型母线我公司可提供相配套的变电金具、焊接材料，并提供现场焊接服务。



## 附录1

## 镀锌钢绞线的结构与技术指标YB/T5004-2001

## Appendix2:Structure and Technical Index for Galvanized Steel Strand: YB/T5004-2001

结构		1 × 7					
公称直径		全部钢丝断面 面积 mm	参考 重量 kg/100 m	公称抗拉强度/MPa			
钢绞线	钢丝			1270	1370	1470	1570
mm		钢绞线最小破断拉力/kN					
7.8	2.60	37.16	30.93	43.40	46.80	50.20	53.60
8.4	2.80	43.10	35.88	50.30	54.30	58.20	62.20
9.0	3.00	49.48	41.19	57.80	62.30	66.90	71.40
9.6	3.20	56.30	46.87	65.70	70.90	76.10	81.30
10.5	3.50	67.35	56.07	78.60	84.80	91.00	97.20
11.4	3.80	79.39	66.09	92.70	100.00	107.00	114.00
12.0	4.00	87.96	73.22	102.00	110.00	118.00	127.00

结构		1 × 19					
公称直径		全部钢丝断面 面积 mm	参考 重量 kg/100 m	公称抗拉强度/MPa			
钢绞线	钢丝			1270	1370	1470	1570
mm		钢绞线最小破断拉力/kN					
5.0	1.00	14.92	12.42	17.00	18.40	19.70	21.00
5.5	1.10	18.06	15.03	20.60	22.20	23.80	25.50
6.0	1.20	21.49	17.89	24.50	26.50	28.40	30.30
6.5	1.30	25.22	20.99	28.80	31.00	33.30	35.60
7.0	1.40	29.25	24.35	33.40	36.00	38.60	41.30
8.0	1.60	38.20	31.80	43.60	47.10	50.50	53.90
9.0	1.80	48.35	40.25	55.20	59.60	63.90	68.30
10.0	2.00	59.69	49.69	68.20	73.60	78.90	84.30
11.0	2.20	72.22	60.12	82.50	89.00	95.50	102.00
12.0	2.40	85.95	71.55	98.20	105.00	113.00	121.00
12.5	2.50	93.27	77.64	106.00	114.00	123.00	131.00
13.0	2.60	100.88	83.98	115.00	124.00	133.00	142.00
14.0	2.80	116.99	97.39	133.00	144.00	154.00	165.00
15.0	3.00	134.30	118.80	153.00	165.00	177.00	189.00
16.0	3.20	152.81	127.21	174.00	188.00	202.00	215.00
17.5	3.50	182.80	152.17	208.00	225.00	241.00	258.00
20.0	4.00	238.76	198.76	272.00	294.00	315.00	337.00

附录2

铝包钢绞线的结构与技术指标 YB/T124-1997

Appendix3: Structure and Technical Index for LBGJ(Concentric-lay-Stranded aluminum-clad steel conductors): YB/T124-1997

标称截面 mm <sup>2</sup>	结构根数/ 单丝直径	公称直径 mm	计算截面 mm <sup>2</sup>	最小计算破断拉力, KN																20℃ 直流电阻, Ω / km, 不大于										计算重量, kg/km				交货长度 不小于mm
				20AC	23AC	27AC	30AC	33AC	40AC	40AC	40AC	20AC	23AC	27AC	30AC	33AC	40AC	40AC	20AC	23AC	27AC	30AC	33AC	40AC	40AC									
35	3/3.75	8.08	33.13	39.66	36.51	32.11	26.44	23.92	21.09	2.5872	2.2848	1.9488	1.7472	1.5792	1.3104	220.09	209.41	191.38	187.37	175.33	154.98	2000												
20	7/2.00	6.00	21.99	11.37	10.18	8.99	7.55	6.70	5.85	3.8957	3.4484	2.9290	2.6404	2.3951	1.9767	146.35	139.28	131.29	124.57	116.58	103.08	3000												
30	7/2.30	6.90	29.08	35.07	31.41	27.75	23.30	20.68	18.06	2.9434	2.6112	2.2220	1.9911	1.8180	1.5006	193.58	184.17	173.57	164.80	154.20	136.31	2000												
35	7/2.60	7.80	37.17	44.82	40.14	35.46	29.77	26.42	23.08	2.3086	2.0344	1.7314	1.5583	1.4140	1.1687	247.38	235.36	221.86	210.62	197.04	174.20	2000												
40	7/2.75	8.25	41.58	50.14	44.90	39.66	33.30	29.56	25.82	2.0633	1.8180	1.5583	1.3996	1.2697	1.0533	276.72	263.29	248.16	235.57	220.44	194.85	2000												
45	7/2.90	8.70	46.24	55.76	49.94	44.11	37.04	32.87	28.71	1.8469	1.6450	1.3996	1.2553	1.1340	0.9379	307.76	292.77	276.01	262.01	245.19	216.70	2000												
50	7/3.00	9.00	49.48	59.67	53.44	47.20	39.63	35.18	30.73	1.7314	1.5294	1.2986	1.1687	1.0677	0.8801	329.32	313.34	295.38	280.33	262.37	231.90	2000												
55	7/3.20	9.60	56.30	67.89	60.80	53.71	45.09	40.03	34.96	1.5150	1.3419	1.1399	1.0244	0.9379	0.7791	374.71	356.54	336.04	319.00	298.50	263.85	2000												
65	7/3.50	10.50	67.35	79.40	72.13	62.43	52.73	47.28	41.22	1.2697	1.1254	0.9523	0.8657	0.7791	0.6493	448.24	426.46	402.00	381.57	357.11	315.60	2000												
75	7/3.75	11.25	77.31	87.67	80.71	70.97	58.45	52.88	46.62	1.1110	0.9811	0.8369	0.7503	0.6781	0.5627	514.55	489.60	461.46	438.06	409.92	362.34	2000												
70	19/2.20	11.00	72.23	87.10	78.00	68.90	57.85	51.35	44.85	1.1901	1.0514	0.8966	0.8059	0.7311	0.6031	482.61	459.11	432.91	410.94	384.55	339.85	2000												
80	19/2.30	11.50	78.94	95.20	85.26	75.31	63.23	56.13	49.02	1.0887	0.9660	0.8219	0.7365	0.6724	0.5550	527.50	501.888	472.98	449.09	420.19	371.45	2000												
100	19/2.60	13.00	100.88	121.66	108.95	96.24	80.80	71.72	62.64	0.8539	0.7525	0.6404	0.5764	0.5230	0.4323	674.12	641.37	604.57	573.93	536.94	474.71	2000												
115	19/2.75	13.75	112.85	136.10	121.88	107.66	90.39	80.24	70.08	0.7632	0.6724	0.5764	0.5177	0.4696	0.3896	754.07	717.47	676.24	641.94	600.17	530.97	2000												
120	19/2.85	14.25	121.21	146.18	130.91	115.63	97.07	86.18	75.27	0.7098	0.6297	0.5337	0.4803	0.4376	0.3629	809.94	770.64	726.33	689.53	645.22	570.27	2000												
125	19/2.90	14.50	125.50	151.35	135.54	119.73	100.52	89.23	77.93	0.6831	0.6084	0.5177	0.4643	0.4216	0.3469	838.65	797.81	752.14	714.00	668.14	596.66	2000												
150	19/3.15	15.75	148.07	178.57	159.91	141.26	118.60	105.28	91.95	0.5817	0.5123	0.4376	0.3949	0.3576	0.2935	989.50	941.34	887.39	842.31	788.17	680.03	2000												
180	19/3.50	17.50	182.80	215.52	195.78	169.46	143.13	128.33	111.87	0.4696	0.4163	0.3522	0.3202	0.2882	0.2402	1221.46	1162.13	1095.46	1039.79	973.13	837.38	2000												
210	19/3.75	18.75	209.85	237.97	219.08	192.64	158.65	143.54	126.54	0.4109	0.3629	0.3095	0.2775	0.2508	0.2081	1402.20	1334.17	1257.49	1193.72	1117.04	987.38	2000												
240	19/4.00	20.00	238.76	260.01	214.88	191.25	156.87	141.82	124.63	0.3576	0.3202	0.2722	0.2455	0.2241	0.1815	1595.42	1517.97	1430.89	1358.25	1270.98	1123.40	2000												
195	37/2.60	18.20	196.44	236.91	212.16	187.41	157.35	139.67	121.99	0.4411	0.3887	0.3308	0.2977	0.2702	0.2233	1320.52	1256.36	1184.28	1124.27	1051.81	929.91	1500												
245	37/2.90	20.30	244.39	294.74	263.94	233.15	195.76	173.76	151.77	0.3529	0.3143	0.2674	0.2398	0.2178	0.1792	1642.82	1562.81	1473.37	1398.64	1308.82	1156.73	1500												

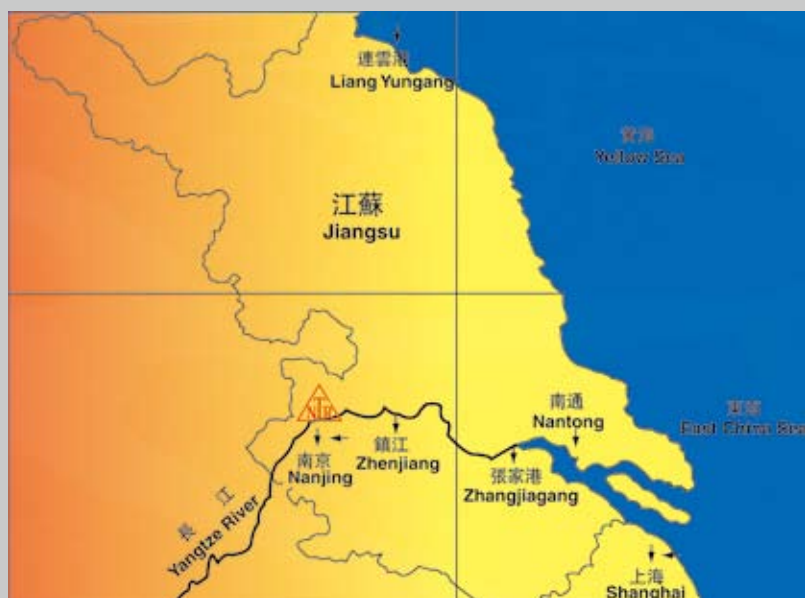


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南京特瑞线路器材有限公司

Nanjing Terui Power Material Co., Ltd.

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