Power fitting product
selection manual

电力金具产品选型手册









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专业智造电力金具 助力中国电力联通世界
Fittings Precision Made, Connecting China to the World

广东金锴特电力金具有限公司
GUANGDONG JINKAITE POWER FITTINGS CO., LTD.

金锴特

企业简介
Company profiles

广东金锴特电力金具有限公司成立于 2013 年，总部位于东莞塘厦镇，是专业研发制造低压 / 中压架空线金具、绝缘穿刺线夹、终端夹、配电组件及电缆附件的企业，可提供模具研发、生产制造及 OEM/ODM 定制服务。

公司秉持 “技术深耕、品质先行” 理念，以质量为本、创新驱动为核心价值观，为工业、商业及新能源领域提供安全可靠的配电产品与服务。

现有员工 180 人，厂房 19000㎡，拥有模具研发、注塑、压铸金属加工、质检实验室及自动化组装包装中心，生产设备先进，产品通过 ISO9001、CE 认证。

主营产品涵盖电力金具、输变电安装配件、电缆附件、塑胶制品及精密五金件，产品性能稳定、适配高低压及超高压输配电工程

Guangdong Jinkaite Power Fittings Co., Ltd., established in 2013 and headquartered in Tangxia Town, Dongguan, is a professional manufacturer specializing in the R&D and production of low-voltage/medium-voltage overhead line fittings, insulation piercing clamps, terminal clamps, power distribution components, and cable accessories. We offer mold R&D, manufacturing, and OEM/ODM customization services.

Adhering to the philosophy of "deep technological cultivation and quality first," and with quality as our foundation and innovation as our core values, we provide safe and reliable power distribution products and services for the industrial, commercial, and new energy sectors.

We currently have 180 employees and a 19,000㎡ factory. We possess advanced production equipment, including mold R&D, injection molding, die-casting metal processing, quality inspection laboratories, and an automated assembly and packaging center. Our products are ISO9001 and CE certified.

Our main products cover power fittings, power transmission and transformation installation accessories, cable accessories, plastic products, and precision hardware. Our products are stable in performance and suitable for high, low, and ultra-high voltage power transmission and distribution projects.





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企业资质
Qualification









产品目录
Contents

A 设备线夹
DT 铜接线端子 (管料) 001
DTS 铜电缆接线端子 (双孔) 001
DTL–2 铜铝接线端子 (出口型) 002
DTL–3 铜铝接线端子 002
TL 单导线引下线夹 (螺栓型) 003
TL 螺栓型单导线 T 型线夹 (压板型) 003
TY2 型线夹 (液压型) 004
TYS 型压缩型双分裂线夹 004
SYG 压缩型铜铝过渡设备线夹 (A 为 0° B 为 30°) 005
SY 压缩型铝设备线夹 (A 为 0° ，B 为 30°) 006
SY 压缩型铝设备线夹、SYG 铜铝钎焊设备线夹 (C 型 90°) 007
SY 压缩型耐热导线用铝设备线夹 (A 为 0° ，B 为 30°) 008
SYG 压缩型耐热导线铜铝过渡设备线夹 (A 为 0° B 为 30° ，Q 为钎焊) 008
SY 压缩型耐热导线用铝设备线夹 (C 为 90°) 009
SYG 压缩型耐热导线用铜铝过渡设备线夹 (C 为 90° ，Q 为钎焊) 009
SY 压缩型耐热导线用铝设备线夹 (C 为 90°) 010
SY、SYG 压缩型单导线设备线夹 (C 型 90°) 011
SSY、SSYG 压缩型双导线设备线夹 (A 为 0° ，B 为 30° ，C 为 90°) 012
SYT 压缩型铜设备线夹 (A 为 0° ，B 为 30°) 012

B 接续金具
GT 堵油铜接管 013
GL 堵油铜接管 013
JY–G 接续管 (液压对接、钢绞线用)、JBD–G 接续管 (爆压搭接) 014
JY–L 型接续管 (铝绞线用液压对接) 014
JY–BG 型铝包钢绞线用接续管 (液压对接) 015
JY–BG、JYD–BG 型铝包钢芯铝绞线用接续管 (液压型) 015
JY 接续管 (液压对接，钢芯铝绞线用) 016
JYD 接续管 (钢芯铝绞线用，液压搭接) 017
JY、JYD 接续管 (JY 液压对接、JYD 液压搭接，良导体地线用) 018
JYB 接续管 (钢芯铝绞线用、爆压搭接) 018
JTB 接续管 (钢芯铝绞线用、爆压) 019
JYB 接续管 (钢芯铝绞线用、爆压搭接) 020
JT–L 型接续管 (铝绞线用，钳压) 020
JY–N 型耐热铝合金绞线用接续管 (液压对接型) 021
JYD–N 型耐热铝合金绞线用接续管 (液压搭接型) 021
JX 补修管 (钢芯铝绞线用) 022
JX–G 补修管 (钢绞线用) 022

B 接续金具
JYT 跳线线夹 (压缩型) 023
JBL、JBT、JBTL 系列异径并沟线夹及绝缘罩 (1kV、10kV、20kV) 024
PGA、JBY 型力矩式跨径线夹 025
并沟线夹 026
C 型线夹 027

C 保护金具
FD 型、FG 型防振锤 028
FF 防振锤 (500KV 线路用) 028
FD–L 型防振锤 (节能防电晕型) 028
FR 防振锤 029
FDZ 防振锤 029
防振锤 029
MRJ 双分裂间隔棒 030
JS 双母线间隔棒 031
MRJ3 三分裂间隔棒 031
JZF4 型阻尼间隔棒 032
JZX4 十字型阻尼间隔棒 032

D 耐张线夹
NLD、NX、NUT、NU 耐张线夹 033
NXL 系列楔型耐张线夹 (单耳) 034
耐张线夹 035

E 绝缘金具
NLL 系列螺栓型铝合金耐张线夹及绝缘罩 040
NXJG(L) 系列楔型绝缘耐张线夹 041
JBC 系列穿刺线夹 (1kV/10kV) 042
JBCD 系列穿刺接地线夹 043

F 悬垂线夹
XGU 型 044
XGU–F 型 (防磨型) 044
XGJ 型 045
XGT 型 045
XGH 型 046
XGF (下垂式 500kV 线路用) 046
XGF–K(上扛式 500kV 线路用) 047
XGA、XGB、XGC 提包式悬垂线夹 047
XGF–GH 型 (高海拔 500kV 线路用) 048
XG 提包式悬垂线夹 048

G 连接金具
球头挂环 049
碗头挂板 051
U 型挂环 052
延长拉杆 054
直角挂环 054
挂板 055
U 型、UJ 型螺丝 059
GD 型挂点金具 059
UB 型挂板 (悬垂用) 060
UB 型挂板 060
WSY 碗头挂板 061
UL 型拉线用 U 型挂环 061
ZCJ 型支撑架 062
QY 型牵引板 062
BD 型避雷线悬垂吊架 063
DB 型调整板 063
PT 型调整板 064
SZ 单十字挂板 064
L 型联板 065
LT 型联板 070
LF 型联板 071
LS 型联板 072
LL 型联板 073
LK 型联板 074
LX 型联板 075
LXV 型联板 076
LV 型联板 078
LXS 型联板 079
悬重锤及其附件 /FS 散热器 / 铝包带 080

H 预绞式电力金具
预绞式耐张线夹 081
预绞式导线耐张线夹 082
预绞式地线耐张线夹 084
预绞式拉线耐张线夹 086
预绞式悬垂线夹 087
垂直双分裂预绞式悬垂线夹 088
垂直双分裂预绞式悬垂线夹 090
垂直双分裂双挂点预绞式悬垂线夹 091
预绞式地线悬垂线夹 093
预绞式接续金具 094
预绞式跳线接续条 098
预绞式拉线接续条 100
导线安全备份线夹 101
预绞丝护线条 102
FYH–BG 预绞丝护线条 (铝包钢绞线用) 104

I 附录
附录 1 钢芯铝绞线 (LGJ/GJF) 的结构与技术指标 GB1179–83 105
附录 2 铝绞线 (LJ) 的结构与技术指标 GB1179–83 106
附录 3 扩径导线结构与技术指标 106
附录 4 NRLH58GJ 型耐热铝合金钢芯绞线结构与技术指标 106
附录 5 NRLH60GJ 型耐热铝合金钢芯绞线 107
附录 6 镀锌钢绞线的结构与技术指标 YB/T5004–2001 107
附录 7 铝包钢芯铝合金绞线 JLHA1/LB1A GB/T 1179–1999 108
附录 8 电缆的结构尺寸及技术参数 109
附录 9 额定电压 10kV，35kV 架空绝缘电缆结构尺寸 109
附录 10 (防腐)58%(60%)IACS 耐热铝合金钢芯绞线结构与技术指标 110

产品目录
Contents

A Equipment clamp
DT copper terminal (tube material) 001
DTS Copper Cable Terminal (Double Hole) 001
DTL-2 Copper and Aluminum Terminals (Export Type) 002
DTL-3 Copper and Aluminum Terminals 002
TL single wire lead down clamp (bolt type) 003
TL Bolt Type Single Conductor T Type Clamp (Pressure Plate Type) 003
TY2 type clamp (hydraulic type) 004
TYS compression type double split clamp 004
SYG compression type copper-aluminum transition equipment clamp (A is 0° and B is 30°) 005
SY compression type aluminum equipment clamp (A is 0° , B is 30°) 006
SY compression type aluminum equipment clamp, SYG copper-aluminum brazing equipment clamp (C type 90°) 007
SY compression type heat-resistant wire with aluminum equipment clamp (A is 0° , B is 30°) 008
SYG compression type heat-resistant wire copper-aluminum transition equipment clamp (A is 0° B is 30° , Q is brazing) 008
SY aluminum equipment clamp for compression heat-resistant wire (C is 90°) 009
SYG Compression-type heat-resistant wire with copper-aluminum transition equipment clamp (C is 90° , Q is brazing) 009
SY aluminum equipment clamp for compression heat-resistant wire (C is 90°) 010
SY, SYG compression type single wire equipment clamp (C type 90°) 011
SSY, SSYG compression type two-conductor equipment clamp (A is 0° , B is 30° , C is 90°) 012
SYT compression type copper equipment clamp (A is 0° , B is 30°) 012

B Connection fittings
GT plugging copper pipe 013
GL oil plugging copper connection 013
JY-G connecting pipe (for hydraulic butt connection, steel stranded wire), JBD-G connecting pipe (explosive pressure overlap) 014
JY-L type connecting pipe (aluminum stranded wire is connected by hydraulic pressure) 014
JY-BG type aluminum-clad steel stranded wire connection pipe (hydraulic butt joint) 015
JY-BG, JYD-BG type aluminum-clad steel core aluminum stranded wire connection pipe (hydraulic type) 015
JY connection pipe (hydraulic butt connection, steel core aluminum stranded wire use) 016
JYD connecting pipe (for steel core aluminum stranded wire, hydraulic lap joint) 017
JY, JYD connection pipe (JY hydraulic butt, JYD hydraulic lap, for good conductor grounding) 018
JYB connection pipe (for steel core aluminum stranded wire, burst pressure overlap) 018
JTB connection tube (for steel core aluminum stranded wire, burst pressure) 019
JT connection tube (for steel core aluminum stranded wire, clamp pressure) 020
JT-L type connecting pipe (for aluminum stranded wire, clamp pressure) 020
JY-N type heat-resistant aluminum alloy stranded wire connection pipe (hydraulic butt type) 021
JYD-N type heat-resistant aluminum alloy stranded wire connection pipe (hydraulic lap type) 021
JX repair pipe (for steel core aluminum stranded wire) 022
JX-G repair pipe (for steel strand) 022

B Connection fittings
JYT jumper clamp (compression type) 023
JBL, JBT, JBTL series of different diameter parallel groove clamps and insulation cover (1kV, 10kV, 20kV) 024
PGA, JBY Torque Type Span Clamp 025
Parallel groove clamp 026
C type clamp 027

C Protection fittings
FD type, FG type anti-vibration hammer 028
FF anti-vibration hammer (for 500KV line) 028
FD-L type anti-vibration hammer (energy-saving and anti-corona type) 028
FR anti-vibration hammer 029
FDZ anti-vibration hammer 029
Anti-vibration hammer 029
MRJ double split spacer 030
JS double busbar spacer 031
MRJ3 three-split spacer 031
JZF4 type damping spacer 032
JZX4 Cross-type damping spacer 032

D Tension clamp
NLD, NX, NUT, NU strain clamp 033
NXL series wedge-shaped strain clamp (single ear) 034
Tension clamp 035

E Insulation fittings
NLL bolt type aluminum alloy tensile clamp and insulation cover 040
NXJG(L) Wedge-shaped insulated strain clamp 041
JBC piercing clamp (1kV/10kV) 042
JBCD penetration grounding clamp 043

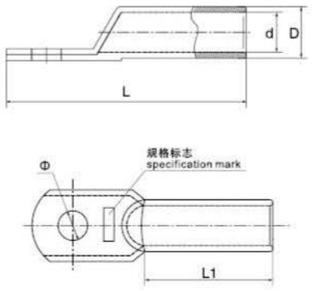
F Hanging clamp
XGU type 044
XGU-F type (anti-wear type) 044
XGJ type 045
XGT type 045
XGH type 046
XGF (for drooping 500kV lines) 046
XGF-K (for 500kV line with overhead) 047
XGA, XGB, XGC bag type hanging clamp 047
XGF-GH type (for high altitude 500kV lines) 048
XG bag type hanging clamp 048

G Connection fittings
Ball head hanging ring 049
Bowl head hanging board 051
U-shaped hanging ring 052
Extension rod 054
Right angle hanging ring 054
Hanging board 055
U type, UJ type screw 059
GD type hanging point fittings 059
GD type hanging point fittings 060
UB type hanging board 060
WSY bowl head hanging board 061
U-shaped hanging ring for UL type cable 061
ZCJ type support frame 062
QY type traction plate 062
BD type lightning wire suspension hanger 063
DB type adjustment board 063
PT type adjustment plate 064
SZ single cross hanging board 064
L-shaped joint plate 065
LT type connecting plate 070
LF type connecting plate 071
LS type joint plate 072
LL type connecting plate 073
LK type joint plate 074
LX type joint plate 075
LXV type joint plate 076
LV type connecting plate 078
LXS type joint plate 079
Hanging weight and its accessories/FS radiator/aluminum clad belt 080

H Pre-twisted power fittings
Pre-twisted strain clamp 081
Pre-twisted wire tension clamp 082
Pre-twisted ground wire strain clamp 084
Pre-twisted cable clamp 086
Pre-twisted suspension clamp 087
Vertical double-split pre-twisted suspension clamp 088
Vertical double-split pre-twisted suspension clamp 090
Vertical double-split double hanging point pre-twisted suspension clamp 091
Pre-twisted ground wire suspension clamp 093
Pre-twisted splice fittings 094
Pre-twisted jumper connection strip 098
Pre-twisted cable connection strip 100
Wire safety backup clamp 101
Pre-twisted wire protection line 102
FYH-BG pre-stranded wire protection line (for aluminum clad steel stranded wire) 104

I appendix
Appendix 1 Structure and technical indicators of steel core aluminum stranded wire (LGJ/GJF) GB1179-83 105
Appendix 2 Structure and Technical Index of Aluminum Stranded Wire (LJ) GB1179-83 106
Appendix 3 Structure and Technical Index of Expanded Wire 106
Appendix 4 Structure and technical index of NRLH58GJ heat-resistant aluminum alloy steel core stranded wire 106
Appendix 5 NRLH60GJ heat-resistant aluminum alloy steel core stranded wire 107
Appendix 6: Structure and Technical Index of Galvanized Steel Strand YB/T5004-2001 107
Appendix 7 Aluminum-clad steel core aluminum alloy stranded wire JLHA1/LB1A GB/T 1179-1999 108
Appendix 8 Cable structure and technical parameters 109
Appendix 9: Structural dimensions of overhead insulated cables with rated voltages of 10kV and 35kV 109
Appendix 10 (Anti-corrosion) 58% (60%) IACS heat-resistant aluminum alloy steel core stranded wire structure and technical indicators 110



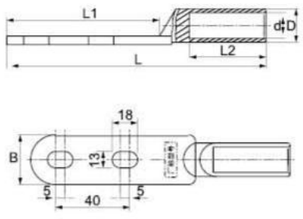


DT 铜接线端子（管料）
DT copper terminal (tube material)

技术参数 /Technical Parameters

型号 Model	主要尺寸 Main dimensions			
	Φ	D	d	L
DT–10	7	8	5.5	50
DT–16	7	9	6.5	55
DT – 25	7	10	7.5	60
DT–35	8.5	12	9.5	66
DT–50	9	14	11	72
DT–70	11	16	13	80
DT–95	11	18	14	87
DT–120	13	20	16	96
DT–150	12.5	22	17	103
DT–185	16.5	25	19	115
DT–240	16.5	27	21	120
DT–300	17	31	25	135
DT–400	17	34	27	150
DT–500	21	38	31	170
DT–630	21	45	36	210



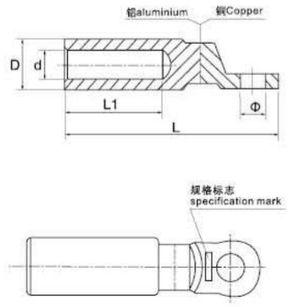


DTS 铜电缆接线端子（双孔）
DTS copper cable terminal (double hole)

技术参数 /Technical Parameters

型号 Model	主要尺寸 Main dimensions					
	L	L1	L2	B	D	d
DTS–16	110	65	34	24	Φ11	Φ6
DTS–25	110	65	34	24	Φ11	Φ7
DTS–35	117	65	38	24	Φ12	Φ8.5
DTS–50	127	69	43	26	Φ14	Φ9.5
DTS–70	134	70	45	28	Φ16	Φ11.5
DTS–95	140	71	50	30	Φ18	Φ13.5
DTS–120	146	72	53	31	Φ20	Φ15
DTS–150	155	77	56	35	Φ22	Φ16.5
DTS–185	162	79	57	39	Φ25	Φ18.5
DTS–240	168	80	61	40	Φ27	Φ21
DTS–300	175	82	65	40	Φ30	Φ23
DTS–400	183	83	70	40	Φ34	Φ26
DTS–500	215	95	80	50	Φ38	Φ29



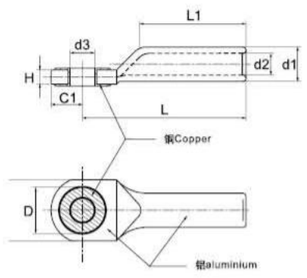


DTL–2 铜铝接线端子（出口型）
DTL–2 Copper and Aluminum Terminals (Export Type)

技术参数 /Technical Parameters

型号 Model	主要尺寸 Main dimensions				
	Φ	D	d	L	L1
DTL–2–16	13	Φ16	Φ6	90	42
DTL–2–25	13	Φ16	Φ7	90	42
DTL–2–35	13	Φ16	Φ8.5	90	42
DTL–2–50	13	Φ20	Φ9.6	90	43
DTL–2–70	13	Φ20	Φ11.5	90	43
DTL–2–95	13	Φ20	Φ13.5	90	43
DTL–2–120	13	Φ25	Φ15	115	60
DTL–2–150	13	Φ25	Φ16.6	115	60
DTL–2–185	13	Φ32	Φ18.5	122	60
DTL–2–240	13	Φ32	Φ21	122	60
DTL–2–300/300	13	Φ34	Φ23	125	62
DTL–2–300/300D	13	Φ34	Φ23	125	62
DTL–2–400/400	13	Φ38	Φ26	159	70
DTL –2–400/400D	19	Φ40	Φ26	159	70
DTL–2–500	19	Φ47	Φ29	167	75
DTL–2–630	21	Φ54	Φ34	200	80



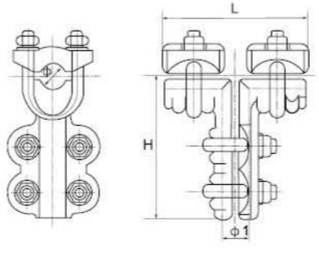


DTL–3 铜铝接线端子
DTL–3 Copper and Aluminum Terminals

技术参数 /Technical Parameters

型号 Model	主要尺寸 Main dimensions								
	H	C1	d1	62	d3	L	L1	D	b
DTL–3–35	4	14.5	14	8	10.5	67	43	21	26
DTL–3–50	4.5	14.5	16	10	10.5	72	45.5	21	27
DTL–3–70	4.7	16.5	18	11.5	13	86	56	24.5	32
DTL–3–95	6.7	17.5	22	13.5	13	90	57.5	26.5	35
DTL–3–120	5.8	16.5	22	15	13	91	57	26.5	35
DTL–3–150	8	18.5	25	16.5	13	103	65	26.5	35
DTL–3–185	8.6	22	28	18.5	13	106	65	26.5	40
DTL–3–240	10	22.5	28	21	17	116	69	31	45





TL 单导线引下线夹 (螺栓型)

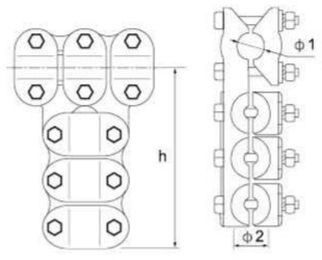
TL single wire lead down clamp (bolt type)

规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter		主要尺寸 (mm)Main dimensions				参考重量 Weight(kg)
	母线 Busbar	引导线 Guide line	Φ	Φ1	H	L	
TL–11	7.5–9.6	7.5–9.6	10	10	102	118	0.71
TL–21	10.8–14.0	7.5–96	14	10	103	118	0.78
TL–22	10.8–14.0	10.0–14.0	14	14	103	120	0.79
TL–31	14.5–17.5	7.5–9.6	18	10	117	118	1.07
TL–32	14.5–17.5	10.8–14.0	18	14	117	120	1.06
TL–33	14.5–17.5	14.5–17.5	18	17	117	120	1.05
TL–41	18.1–22.0	7.5–96	22	10	117	118	1.13
TL–42	18.1–22.0	10.8–140	22	14	117	120	1.13
TL–43	18.1–22.0	14.5–17.5	22	17	117	120	1.12
TL–44	18.1–22.0	18.1–22.0	22	22	117	120	1.17
TL–300/300	24.2	24.2	25	25	199	146	3.0
TL–400/400	28.0	28.0	28	28	199	146	3.0
TL–300/185	24.2	19.0	25	19	168	146	2.6
TL–400/240	28.0	21.6	28	22	168	146	2.6
TL–300/120	24.2	15.5	25	16	168	146	2.5
TL–400/150	28.0	17.2	28	18	168	146	2.5
TL–185/185	19.0	19.0	19	19	160	115	2.5
TL–240/240	21.6	21.3	22	22	160	115	2.5
TL–500/500	30.2	30.2	31	31	199	146	3.6
TL–600'00	32.5	32.5	33	33	199	146	3.6

线夹本体、压盖为链合金制件， 其余为热镀锌钢制件。
The clamp body and gland are made of chain alloy, and the rest are made of hot–dip galvanized steel.





TL 螺栓型单导线 T 型线夹 (压板型)

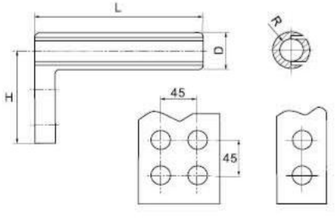
TL bolt type single wire T type clamp (press plate type)

规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter		主要尺寸 (mm)Main size			参考重量 Weight(kg)
	母线 Busbar	引导线 Guide line	Φ	Φ2	H	
TL–45	240	300	22.0	25.0	210	2.65
TL–53	300–400	120–150	28.0	17.5	168	2.6
TL–54	300–400	185–240	28.0	22.4	168	2.7
TL–55	300–400	300–400	28.0	28.0	196	3.0
TL–56	300–400	500–630	28.0	34.5	196	3.1
TL–64	500–630	185–240	34.5	22.4	196	3.3
TL–65	500–630	300–400	34.5	28.0	196	3.4
TL–66	500–630	500–630	34.5	196	196	3.6

线夹本体、压盖为铝合金制件， 其余为热镀锌钢制件。
The clamp body and gland are made of aluminum alloy, and the rest are made of hot–dip galvanized steel.





TY2 型线夹 (液压型)

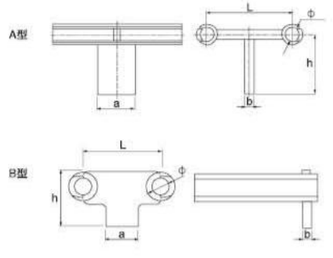
TY2 type clamp (hydraulic type)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线 (mm2) Applicable wire	主要尺寸 (mm)Main dimensions			参考重量 Weight (kg)
		L	H	D	
TY2–240	LGJ–240	175	115	38	1.2
TY2–300	LGJ–300 LGJQ–300	185	135	40	1.3
TY2–400	LGJ–400 LGJQ–400	195	140	45	1.4
TY2–500	LGJQ–500	205	130	52	1.7
TY2–600	LGJQ–600	225	145	55	1.9

线夹本体和抽匣为铝制件。
The body of the clamp and the drawstring are made of aluminum.





TYS 型压缩型双分裂线夹

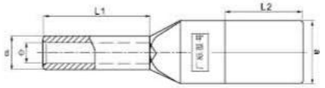
TYS compression type double split clamp

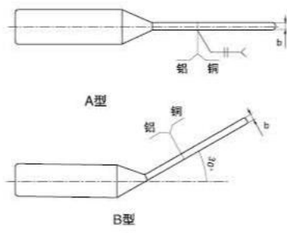
规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter		主要尺寸 (mm)Main dimensions				
	型号 Model	外径 Outer diameter	Φ	a	h	b	L
TYS–2 × 150/120	LGJ–150/25	17.10	18.4	100	125	12	120
TYS–2 × 185/120	LGJ–185/45	19.60	21.0	100	125	12	120
TYS–2 × 240/120	LGJ–240/30	21.60	23.0	100	125	12	120
TYS–2 × 300/120	LGJ–300/40	23.94	25.5	100	125	12	120
TYS–2 × 400/120	LGJ–400/50	27.63	29.0	125	145	12	120
TYS–2 × 500/120	LGJ–500/45	30.00	32.0	125	145	16	120
TYS–2 × 630/200	LGJ–630/45	33.60	36.0	150	175	16	120
TYS–2 × 240/200	LGJ–240/30	21.60	23.0	100	125	12	200
TYS–2 × 300/200	LGJ–300/40	23.94	25.5	100	125	12	200
TYS–2 × 400/200	LGJ–400/50	27.63	29.0	125	145	12	200
TYS–2 × 500/200	LGJ–500/45	30.00	32.0	125	145	16	200
TYS–2 × 630/200	LGJ–630/45	33.60	36.0	150	175	16	200
TYS–2 × 240/400	LGJ–240/30	21.60	23.0	100	125	12	400
TYS–2 × 300/400	LGJ–300/40	23.94	25.5	100	125	12	400

全部为铝制件
All aluminum parts







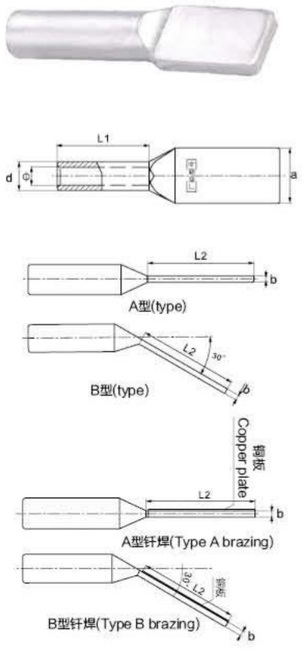
SYG 压缩型铜铝过渡设备线夹 (A 为 0° B 为 30°)

SYG compression type copper-aluminum transition equipment clamp (A is 0° 3 is 30°)

规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter		主要尺寸 (mm)Main dimensions						参考重量 Weight(kg)
	型号 Model	外径 Outer diameter	a	b	d	L1	L2	Φ	
SYG-35/6A(B)	LGJ-35/6	8.16	30	5.0	16	55	60	9.5	0.106
SYG-50/8A(B)	LGJ-50/8	9.6	30	5.0	18	55	60	11.0	0.104
SYG-70/10A(B)	LGJ-70/10	11.4	40	5.0	22	70	60	13.0	0.201
SYG-95/15A(B)	LGJ-95/15	13.61	40	5.0	26	80	60	15.0	0.197
SYG-120/7A(B)	LGJ-120/7	14.50	50	5.0	26	80	80	16.0	0.318
SYG-120/20A(B)	LGJ-120/20	15.07						16.6	0.364
SYG-150/8A(B)	LGJ-150/8	16.00	50	5.0	30	90	80	17.5	0.344
SYG-150/20A(B)	LGJ-150/20	16.67						18.0	0.390
SYG-185/10A(B)	LGJ-185/10	18.00	50	6.3	32	90	80	19.5	0.440
SYG-185/25A(B)	LGJ-185/25	18.90						20.5	
SYG-185/30A(B)	LGJ-185/30	18.88						20.5	
SYG-240/30A(B)	LGJ-240/30	21.60	50	6.3	36	100	80	23.0	0.621
SYG-240/40A(B)	LGJ-240/40	21.66						23.0	0.682
SYG-300/15A(B)	LGJ-300/15	23.01	63	8	40	110	100	24.5	0.826
SYG-300/20A(B)	LGJ-300/20	23.43						25.5	
SYG-300/25A(B)	LGJ-300/25	23.76						25.5	
SYG-300/40A(B)	LGJ-300/40	23.94						26.5	0.938
SYG-400/20A(B)	LGJ-400/20	26.91	63	8	45	120	100	28.5	0.910
SYG-400/25A(B)	LGJ-400/25	26.64						28.5	
SYG-400/35A(B)	LGJ-400/35	26.82						28.5	
SYG-400/50A(B)	LGJ-400/50	27.63						29.5	1.02
SYG-500/35A(B)	LGJ-500/35	30.00	80	8	52	130	80	31.5	1.122
SYG-500/45A(B)	LGJ-500/45	30.00						31.5	
SYG-500/65A(B)	LGJ-500/65	30.96						32.5	1.235
SYG-630/45A(B)	LGJ-630/45	33.60	100	10.0	60	150	100	35.5	1.873
SYG-630/55A(B)	LGJ-630/55	34.32						36.0	
SYG-800/55A(B)	LGJ-800/55	38.40	125	12.5	65	170	125	40.0	2.972
SYG-800/70A(B)	LGJ-800/70	38.58						40.5	
SYG-800/100A(B)	LGJ -800/100	38.98						40.5	





SY 压缩型铝设备线夹 (A 为 0° , B 为 30°)

SY compression type aluminum equipment clamp (A is 0° , B is 30°)

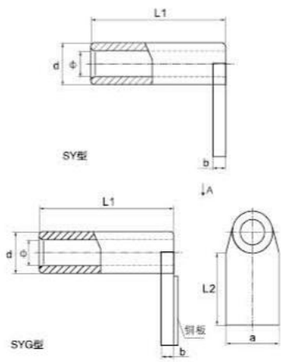
规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter		主要尺寸 (mm)Main size						参考重量 Weight(kg)
	型号 Model	外径 Outer diameter	a	b	d	L1	L2	Φ	
SY-35/6A(B)	LGJ-35/6	8.16	30	8	16	55	65	9.5	0.068
SY-50/8A(B)	LGJ-50/8	9.60	30	8	18	55	65	11.0	0.070
SY-70/10A(B)	LGJ-70/10	11.40	40	8	22	70	65	13.0	0.150
SY-95/15A(B)	LGJ-95/15	13.61	40	8	26	80	65	15.0	0.160
SY-120/7A(B)	LGJ-120/7	14.50	50	10	26	80	85	16.0	0.259
SY-120/20A(B)	LGJ-120/20	15.07						16.6	0.250
SY-150/8A(B)	LGJ-150/8	16.00	50	10	30	90	85	17.5	0.286
SY-150/20A(B)	LGJ-150/20	16.67						18.0	0.280
SY-185/10A(B)	LGJ-185/10	18.00	50	12	32	90	85	19.5	0.330
SY-185/25A(B)	LGJ-185/25	18.90						20.5	0.326
SY-185/30A(B)	LGJ-185/30	18.88						20.5	0.326
SY-210/10A(B)	LGJ-210/10	19.00	50	12	32	90	85	20.5	0.440
SY-210/25A(B)	LGJ-210/25	19.98						21.5	0.436
SY-240/30A(B)	LGJ-240/30	21.60	50	12	34	100	85	23.0	0.540
SY-240/40A(B)	LGJ-240/40	21.66						23.0	0.540
SY-300/15A(B)	LGJ-300/15	23.01	63	14	40	110	105	24.5	0.610
SY-300/20A(B)	LGJ-300/20	23.43						25.5	0.606
SY-300/25A(B)	LGJ-300/25	23.76						25.5	0.606
SY-300/40A(B)	LGJ-300/40	23.94						25.5	0.606
SY-400/20A(B)	LGJ-400/20	26.91	63	14	45	120	105	28.5	0.710
SY-400/25A(B)	LGJ-400/25	26.64						28.5	0.710
SY-400/35A(B)	LGJ-400/35	26.82						28.5	0.710
SY-400/50A(B)	LGJ-400/50	27.63						29.5	0.700
SY-400/65A(B)	LGJ-400/65	28.00						29.5	0.700
SY-500/35A(B)	LGJ-500/35	30.00	80	16	52	130	85	31.5	0.960
SY-500/45A(B)	LGJ-500/45	30.00						31.5	0.960
SY-500/65A(B)	LGJ-500/65	30.96						32.5	0.948
SY-630/45A(B)	LGJ-630/45	33.60	100	20	60	150	105	35.5	1.550
SY-630/55A(B)	LGJ-630/55	34.32						36.0	1.520
SY-800/55A(B)	LGJ-800/55	38.40	125	22	65	170	130	40.0	2.200
SY-800/70A(B)	LGJ-800/70	38.58						40.5	2.160
SY—800/100A(B)	LGJ-800/100	38.98						40.5	2.160

说明：SYG 压缩型铜铝钎焊设备线夹为 S Y 产品钎焊铜片。

Description: SYG compression type copper-aluminum brazing equipment clamp is SY product brazing copper sheet.





SY 压缩型铝设备线夹、SYG 铜铝钎焊设备线夹 (C 型 90°)

SY compression type aluminum equipment clamp, SYG copper-aluminum brazing equipment clamp (C type 90°)

规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter		主要尺寸 (mm)Main size						参考重量 Weight(kg)
	型号 Model	外径 Outer diameter	a	b	d	L1	L2	Φ	
SY/SYG-120/7C	LGJ-120/7	14.50	50	10	26	115	85	16.0	0.31
SY/SYG-120/20C	LGJ-120/20	15.07						16.6	
SY/SYG-150/8C	LGJ-150/8	16.00	50	10	30	125	85	17.5	0.41
SY/SYG-150/20C	LGJ-150/20	16.67						18.0	
SY/SYG-185/10C	LGJ-185/10	18.00	50	12	32	125	85	19.5	0.52
SY/SYG-185/25C	LGJ-185/25	18.90						20.5	
SY/SYG-185/30C	LGJ-185/30	18.88						20.5	
SY/SYG-210/10C	LGJ-210/10	19.00	50	12	32	125	85	20.5	0.62
SY/SYG-210/25C	LGJ-210/25	19.98						21.5	
SY/SYG240/30C	LGJ-240/30	21.60	50	12	36	135	85	23.0	0.72
SY/SYG240/40C	LGJ-240/40	21.66						23.0	
SY/SYG-300/15C	LGJ-300/15	23.01	63	14	40	145	105	24.5	0.71
SY/SYG300/20C	LGJ-300/20	23.43						25.5	
SY/SYG300/25C	LGJ-300/25	23.76						25.5	
SY/SYG300/40C	LGJ-300/40	23.94						25.5	
SY/SYG400/20C	LGJ-400/20	26.91	63	14	45	155	105	28.5	0.82
SY/SYG400/25C	LGJ-400/25	26.64						28.5	
SY/SYG400/35C	LGJ-400/35	26.82						28.5	
SY/SYG400/50C	LGJ-400/50	27.63						29.5	0.81
SY/SYG400/65C	LGJ-400/65	28.00						29.5	
SY/SYG500/35C	LGJ-500/35	30.00	80	16	52	165	85	31.5	1.03
SY/SYG500/45C	LGJ-500/45	30.00						31.5	
SY/SYG500/65C	LGJ-500/65	30.96						32.5	
SY/SYG630/45C	LGJ-630/45	33.60	100	20	60	185	105	35.5	1.75
SY/SYG630/55C	LGJ-630/55	34.32						36.0	
SY/SYG800/55C	LGJ-800/55	38.40	125	22	65	210	130	40.0	2.58
SY/SYG800/70C	LGJ-800/70	38.58						40.5	
SY/SYG800/100C	LGJ-800/100	38.98						40.5	





SY 压缩型耐热导线用铝设备线夹 (A 为 0° ，B 为 30°)

Aluminum equipment clamps for SY compression heat-resistant wires (A is 0° , B is 30°)

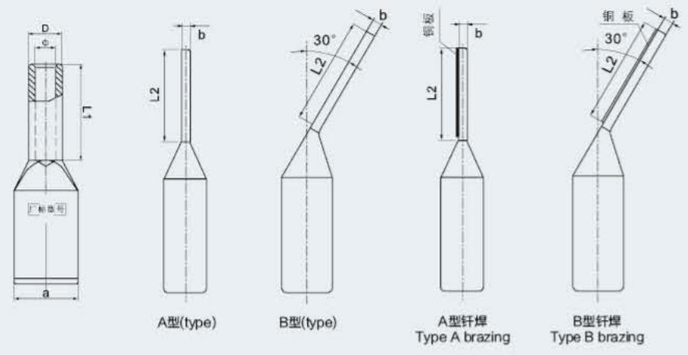
SYG 压缩型耐热导线铜铝过渡设备线夹 (A 为 0° B 为 30° ，Q 为钎焊)

SYG compression type heat-resistant wire copper-aluminum transition equipment clamp (A is 0° B is 30° , Q is brazing)

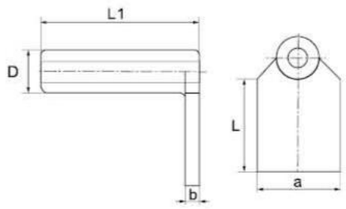
规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter	主要尺寸 (mm)Main size					参考重量 Weight(kg)
		a	b	d	L1	L2	
SY-210/10NA(B)	$NRLH^{58}_{60}GJ$-210/10	63	16	45	120	104	0.8
SY-240/30NA(B)	$NRLH^{58}_{60}GJ$-240/30	65	15	45	150	104	1.0
SY-300/50NA(B)	$NRLH^{58}_{60}GJ$-300/50	100	20	50	170	105	1.5
SY-400/50NA(B)	$NRLH^{58}_{60}GJ$-400/50	100	20	55	180	110	1.6
SY-500/35NA(B)	$NRLH^{58}_{60}GJ$-500/35	125	22	65	180	130	2.0
SY-500/65NA(B)	$NRLH^{58}_{60}GJ$-500/65	125	22	65	180	130	2.0
SY-630/45NA(B)	$NRLH^{58}_{60}GJ$-630/45	125	22	70	200	130	3.2
SY-630/55NA(B)	$NRLH^{58}_{60}GJ$-630/55	125	22	70	200	130	3.2
SY-630/80NA(B)	$NRLH^{58}_{60}GJ$-630/88	125	22	70	200	130	3.2

尺寸 a 和 L 如有变化，请用户在定货时注明 a × L 值，如 SY-400/35N(a × L)
If the size a and L change, please indicate the a × L value when ordering, such as SY-400/35N(a × L)







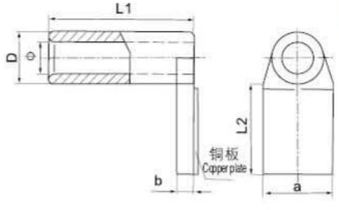
SY 压缩型耐热导线用铝设备线夹 (C 为 90°)

Aluminum equipment clamp for SY compression type heat-resistant wire (C is 90°)

规格及技术参数 Specifications and technical parameters

型号 Model	使用导线外径 Use wire outer diameter	主要尺寸 (mm)Main size					
		a	b	d	L1	L2	参考重量 Weight(kg)
SY-210/10NC	NRLH 58 60 GJ-210/10	63	16	45	150	105	1.8
SY-240/30NC	NRLH 58 60 GJ-240/30	65	15	45	180	105	1.8
SY-300/50NC	NRLH 58 60 GJ-300/50	100	18	50	200	105	2.0
SY-400/50NC	NRLH 58 60 GJ-400/50	100	20	55	215	110	2.0
SY-500/35NC	NRLH 58 60 GJ-500/35	125	22	65	240	130	2.2
SY-500/65NC	NRLH 58 60 GJ-500/65	125	22	65	240	130	2.2
SY-630/45NC	NRLH 58 60 GJ-630/45	125	22	70	250	135	3.4
SY-630/55NC	NRLH 58 60 GJ-630/55	125	22	70	250	135	3.4
SY-630/80NC	NRLH 58 60 GJ-630/88	125	22	70	250	135	3.4





SYG 压缩型耐热导线用铜铝过渡设备线夹 (C 为 90° ， Q 为钎焊)

SYG compression type heat-resistant wire with copper-aluminum transition equipment clamp (C is 90° , Q is brazing)

规格及技术参数 Specifications and technical parameters

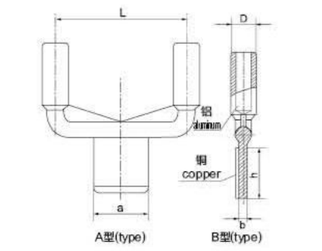
型号 Model	使用导线外径 Use wire outer diameter	主要尺寸 (mm)Main size (mm)						参考重量 reference weight	
		a	b	d	L1	L2	Φ	SY 型 (type)	SYG 型 (type)
SYG-210/10NCQ	NRLH 58 60 GJ-210/10	63	16	45	150	105	20.5	0.80	0.91
SYG-240/30NCQ	NRLH 58 60 GJ-240/30	65	16	45	180	105	23.0	1.05	1.11
SYG-300/50NCQ	NRLH 58 60 GJ-300/50	100	18	50	200	105	26.0	1.55	1.63
SYG-400/50NCQ	NRLH 58 60 GJ-400/50	100	20	55	215	110	29.5	1.89	1.97
SYG-500/35NCQ	NRLH 58 60 GJ-500/35	125	22	65	240	130	31.5	2.05	2.19
SYG-500/65NCQ	NRLH 58 60 GJ-500/65	125	22	65	240	130	32.5	1.98	2.12
SYG-630/45NCQ	NRLH 58 60 GJ-630/45	125	22	70	250	135	35.5	3.30	3.44
SYG-630/55NCQ	NRLH 58 60 GJ-630/55	125	22	70	250	135	36	3.26	3.42
SYG-630/80NCQ	NRLH GJ-630/88	125	22	70	250	135	36.5	3.27	3.41

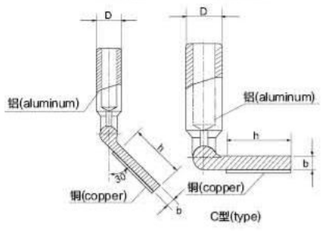
尺寸 a 和 L 如有变化，请用户在定货时注明 a × L 值，如 SY-400/35NB(a × L)

If the size a and L change, please indicate the value of a × L when ordering, such as SY-400/35NB(a × L)









SY 压缩型耐热导线用铝设备线夹 (C 为 90°)

Aluminum equipment clamp for SY compression type heat-resistant wire (C is 90°)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线型号 Applicable wire Model	主要尺寸 (mm)Main size (mm)					参考重量 Weight(kg)
		D	a	h	b	L	
SSY/SSYG-185A(B/C)-120		32	80	95	14	120	
SSY/SSYG -240/40A(B/C)-120	LGJ-240/30-40	36	100	110	14	120	1.60/1.80
SSY/SSYG-300/40A(B/C)-120	WLGJ-300/25-40	40	100	110	16	120	1.90/2.00
SSY/SSYG-400/35A(B/C)-120	LGJ-400/35	45	120	130	16	120	2.10/2.45
SSY/SSYG-400/50A(B/C)-120	LGJ-400/50	45	120	130	16	120	2.10/2.45
SSY/SSYG-500/65A(B/C)-120	LGJ-500/65	52	125	130	20	120	2.30/2.60
SSY/SSYG-185A(B/C)-120		32	80	95	14	200	
SSY/SSYG-240/40A(B/C)-200	LGJ-240/30-40	36	100	110	14	200	1.80/2.10
SSY/SSYG-300/40A(B/C)-200	LGJ-300/25-40	40	100	110	16	200	1.90/2.20
SSY/SSYG-400/35A(B/C)-200	LGJ-400/35	45	120	130	16	200	2.55/2.85
SSY/SSYG-400/50A(B/C)-200	LGJ-400/50	45	120	130	16	200	2.55/2.85
SSY/SSYG-500/65A(B/C)-200	LGJ-500/65	52	125	130	20	200	2.60/2.85
SSY/SSYG-630/45A(B/C)-200	LGJ-630/45	60	125	130	20	200	3.30/3.70
SSY/SSYG-630/55A(B/C)-200	LGJ-630/55	60	125	130	20	200	3.30/3.70
SSY/SSYG-800/55A(B/C)-200	LGJ-800/55	65	150	155	22	200	3.50/3.90
SSY/SSYG-300/40A(B/C)-400	LGJ-300/25-40	40	100	110	16	400	2.70/3.10
SSY/SSYG-400/35A(B/C)-400	LGJ-400/35	45	120	130	16	400	3.00/3.40
SSY/SSYG-400/50A(B/C)-400	LGJ-400/50	45	120	130	16	400	3.00/3.40
SSY/SSYG-500/45A(B/C)-400	LGJ-500/35-45	52	125	130	20	400	3.20/3.60
SSY/SSYG-500/65A(B/C)-400	LGJ-500/65	52	125	130	20	400	3.30/3.70
SSY/SSYG-630/45A(B/C)-400	LGJ-630/45	60	125	130	20	400	4.10/4.40
SSY/SSYG-630/55A(B/C)-400	LGJ-630/55	60	125	130	20	400	4.10/4.40
SSY/SSYG-800/55A(B/C)-400	LGJ-800/55	65	150	155	22	400	4.50/4.70

SSY 压缩型双导线铝设备线夹 (A 为 0° ,B 为 30° C 为 90°)

SSYG 压缩型双导线铜铝过渡设备线夹 (压缩型 A 为 0° ,B 为 30° ， C 为 90°)

SSYG 为 SSY 钎焊铜板

SSY compression type dual-conductor aluminum equipment clamp (A is 0° , B is 30° and C is 90°)

SSYG compression type double-conductor copper-aluminum transition equipment clamp (compression type A is 0° , B is 30° , and C is 90°)

SSYG is SSY brazing copper plate



SY 压缩型耐热导线用铝设备线夹 (C 为 90°)

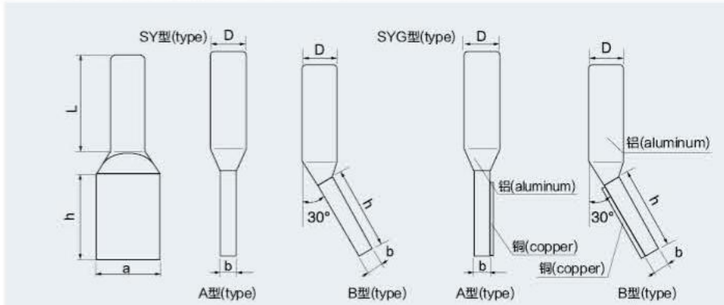
Aluminum equipment clamp for SY compression type heat-resistant wire (C is 90°)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线型号 (mm) Applicable wire Model	主要尺寸 (mm) Main dimensions		
		b	D	L
SY/SYG-1000NA(B)(h × a)	NRLH$^{58}_{60}$GJ-1000(42.08)	20	70	220
SY/SYG-600NA(B)(h × a)	LGKK-600(51.00)	20	76	180
SY/SYG-900NA(B)(h × a)	LGKK-900(49.00)	20	74	180
SY/SYG-1400NA(B)(h × a)	LGJQT-1400(51.00)	20	76	180
SY/SYG-1400NA(B)(h × a)	NRLH$^{58}_{60}$GJ-1440(51.36)	24	80	240

注：1.SY 型为链线夹；SYG 型为铜铝过渡线夹，其型号命名为：SYG-× × × ×A(hxa)，其尺寸与 SY 型完全相同；
2. 尺寸 h、a (长、宽) 请用户自定，例如：SY-1000NA (h × a)
3. 如客户需其它角度请订货时注明。

Note: 1. SY type is a chain clamp; SYG type is a copper-aluminum transition clamp, its Model name is: SYG-× × × ×A (hxa), and its size is exactly the same as SY type;
2. Dimensions h, a (length, width) are customized by users, for example: SY-1000NA (h × a)
3. If customers need other angles, please specify when ordering.





SY、SYG 压缩型单导线设备线夹 (C 型 90°)

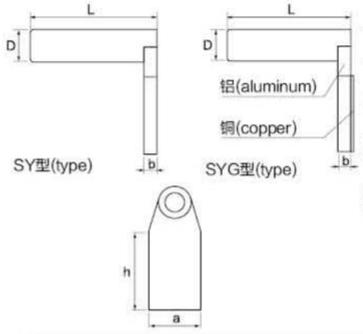
SY, SYG compression type single conductor equipment clamp (C type 90°)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线型号 (mm) Applicable wire model (mm)	主要尺寸 (mm) Main size (mm)		
		b	D	L
SY/SYG-1000NC(h × a)	NRLH$^{58}_{60}$GJ-1000(42.08)	20	70	220
SY/SYG-600KC(h × a)	LGKK-600(51.00)	20	76	180
SY/SYG-900KC(h × a)	LGKK-900(49.00)	20	74	180
SY/SYG-1400C(h × a)	LGJQT-1400(51.00)	20	76	180
SY/SYG-1440NC(h × a)	NRLH$^{58}_{60}$GJ-1440(51.36)	24	80	240

注：1.SY 型为铝线夹；SYG 型为铜铝过渡线夹，其型号命名为：SYG-× × × ×C (h × a)，其尺寸与 SY 型完全相同；
2. 尺寸 h、a (长、宽) 请用户自定，例如：SY-1000NC (h × a)

Note: 1. SY type is aluminum clamp; SYG type is copper-aluminum transition clamp, its Model name is: SYG-× × × ×C (h × a), and its size is exactly the same as SY type;
2. Dimensions h, a (length, width) please customize, for example: SY-1000NC (h × a)





SSY、SSYG 压缩型双导线设备线夹 (A 为 0° ，B 为 30° ，C 为 90°)

SSY, SSYG compression type two-conductor equipment clamp (A is 0° , B is 30° , C is 90°)

规格及技术参数 Specifications and technical parameters

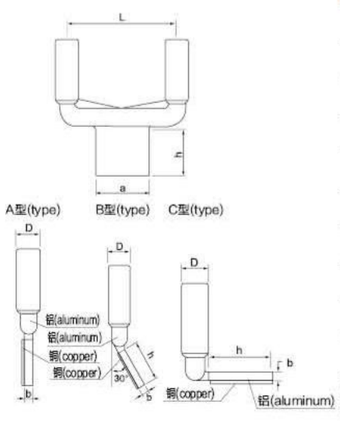
型号 Model	适用导线型号 Applicable wire Model	主要尺寸 (mm) Main size		
		b	D	L
SSY/SSYG-1000N/200A (B、C)(h × a)	NRLH$^{58}_{60}$GJ-1000(42.08)	20	70	200
SSY/SSYG-600N/200A (B、C)(h × a)	LGKK-600(51.00)	20	76	200
SSY/SSYG-900N/200A (B、C)(h × a)	LGKK-900(49.00)	20	74	200
SSY/SSYG-1400N/200A (B、C)(h × a)	LGJQT-1400(51.00)	20	76	200
SSY/SSYG-1400N/200A (B、C)(h × a)	NRLH$^{58}_{60}$GJ-1440(51.36)	24	80	200
SSY/SSYG-1000N/200A (B、C)(h × a)	NRLH$^{58}_{60}$GJ-1000(42.08)	20	70	200
SSY/SSYG-600N/200A (B、C)(h × a)	LGKK-600(51.00)	20	76	400
SSY/SSYG-900N/200A (B、C)(h × a)	LGKK-900(49.00)	20	74	400
SSY/SSYG-1400N/200A (B、C)(h × a)	LGJQT-1400(51.00)	20	76	400
SSY/SSYG-1400N/200A (B、C)(h × a)	NRLH GJ-1440(51.36)	24	80	400

SSYG 为同型号 SSY 钎焊铜板

SSYG is the same type SSY brazed copper plate

注：1.SSY 型为 g 线夹；SSYG 型为钎焊铜锚过渡线夹，其型号命名为：SYG-× × × ×A(hxa)，其尺寸与 SSY 型完全相同；2. 尺寸 h、a(长、宽) 请用户自定，例如：SY-1000N (h × a)

Note: 1. SSY type is g clamp; SSYG type is brazed copper transition clamp, its Model name is: SYG-× × × ×A(hxa), and its size is exactly the same as SSY type; 2. Size h , A (length, width) please customize by users, for example: SY-1000N (h × a)



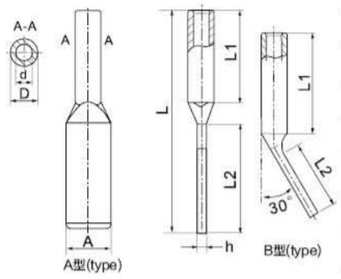


SYT 压缩型铜设备线夹 (A 为 0° ，B 为 30°)

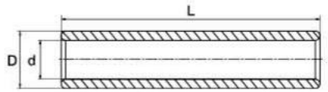
SYT compression type copper equipment clamp (A is 0° , B is 30°)

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 (mm)(Main dimensions)						
	d	D	L1	L2	L	A	h
SYT-35A(B)	8.5	14	35	50	100	30	3
SYT-50A(B)	9.5	16	45	55	120	40	3.5
SYT-70A(B)	11.5	18	55	60	135	40	4
SYT-95A(B)	13.5	20	55	65	140	40	5
SYT-120A(B)	15	22	60	65	145	40	5.5
SYT-150A(B)	16.5	25	65	75	165	50	6.5
SYT-185A(B)	18.5	27	70	80	175	50	7
SYT-240A(B)	21	30	75	85	185	50	8
SYT-300A(B)	23	32	80	90	200	60	8.5
SYT-400A(B)	26	36	85	90	210	60	9
SYT-500A(B)	30	40	90	90	220	80	10
SYT-630A(B)	34	45	95	90	230	80	11
SYT-800A(B)	38	50	110	105	265	100	12





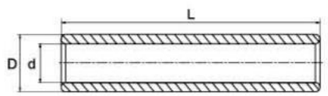


GT 堵油铜接管
GT plugging copper pipe

技术参数 /Technical Parameters

型号 Model	主要尺寸 Main dimensions		
	D	d	L
GT–10	8	5	50
GT–16	9	6	56
GT–25	10	7	60
GT–35	12	8.5	64
GT–50	14	10	72
GT–70	16	12	78
GT–95	18	13	85
GT–120	20	15	90
GT–150	22	16	94
GT–185	25	18	100
GT–240	27	20	110
GT–300	31	24	120
GT–400	34	26	135
GT–500	38	30	150
GT–630	45	35	170



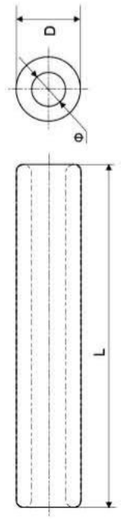


GL 堵油铜接管
GL plugging copper pipe

技术参数 /Technical Parameters

型号 Model	主要尺寸 Main dimensions		
	D	d	L
GL–10	10	5.5	55
GL–16	10	5.5	65
GL–25	12	7.0	70
GL–35	14	8.5	75
GL–50	16	9.5	80
GL–70	18	12	90
GL–95	21	13	95
GL–120	23	15	100
GL–150	25	16	105
GL–185	27	18	110
GL–240	30	20	120
GL–300	34	23	130
GL–400	38	26	140
GL–500	42	29	150
GL–630	54	34	170





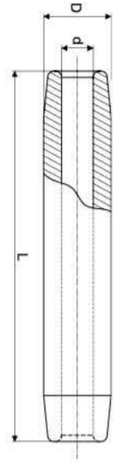
JY–G 接续管 (液压对接、钢绞线用)、JBD–G 接续管 (爆压搭接)
JY–G joint pipe (hydraulic butt joint, stranded), JBD–G joint pipe (burst joint)

规格及技术参数 Specifications and technical parameters

型号 Model	适用钢绞线 Applicable strand	主要尺寸 Main dimensions (mm)			握力 Grip ≥ (kN)	重量 weight (kg)
		D	Φ	L		
JY–25G	1 × 7–6.6	14	7.2	190	33	0.17
JY–35G	1 × 7–7.8	16	8.4	220	45	0.26
JY–50G	1 × 7–9.0	18	9.6	240	60	0.34
JY–55G	1 × 7–9.6	22	10.3	240	70	0.55
JY–70G	1 × 19–11	22	11.7	290	80	0.62
JY–80G	1 ×19–11.5	24	12.2	290	100	0.76
JY–90G	1 × 19–12	26	12.7	360	105	1.13
JY–95G	1 × 19–12.5	28	13.1	360	116.85	–
JY–100G	1 × 19–13	26	13.7	340	120	1.02
JY–120G	1 × 19–14	28	15.2	400	152	1.36
JBD–35G	1 × 7–7.8	22	16	110	45	0.15
JBD–50G	1×7–9	25	17	130	60	1.27
JBD–55G	1 × 7–9.6	26	18	130	70	0.28
JBD–70G	1 ×19–11	28	20	150	80	0.35
JBD–80G	1 × 19–11.5	29	21	150	100	0.52
JBD–100G	1 × 19–13	32	24	170	120	–

热镀锌钢制件 Hot–dip galvanized steel parts





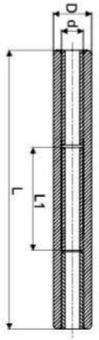
JY–L 型接续管 (铝绞线用液压对接)
JY–L type connection pipe (hydraulic butt joint for aluminum stranded wire)

规格及技术参数 Specifications and technical parameters

型号 Model	适用铝绞线 Apply aluminum wire	主要尺寸 Main dimensions (mm)			握力 Grip ≥ (kN)	重量 weight (kg)
		D	d	L		
JY–25L	LJ–25	15	8.0	150	4.1	0.17
JY–35L	LJ–35	16	9.0	160	5.5	0.26
JY–50L	LJ–50	18	10.5	170	7.5	0.34
JY–70L	LJ–70	22	12.5	200	10.4	0.55
JY–90L	LJ–90	26	14.0	240	13.7	0.62
JY–120L	LJ–120	30	16.0	270	17.8	0.76
JY–150L	LJ–150	30	17.0	280	22	0.4
JY–185L	LJ–185	32	19.0	310	27	0.5
JY–210L	LJ–210	34	20.0	330	31	0.6
JY–240L	LJ–240	36	21.5	350	34	0.7
JY–300L	LJ–300	40	24.0	390	45	0.95
JY–400L	LJ–400	45	27.5	450	58	1.4
JY–500L	LJ–500	52	30.5	510	73	2.1
JY–630L	LJ–630	60	34.5	570	87	2.9
JY–800L	LJ–800	65	38.5	650	110	3.7

铝制件 Aluminum parts





JY–BG 型铝包钢绞线用接续管（液压对接）

JY–BG aluminum clad steel continuous pipe (hydraulic docking)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range(mm)	主要尺寸 Main dimensions (mm)					握力 Grip ≥ (kN)	重量 weight (kg)
		外径 Outside diameter	D	d	L	L1		
JY–35BG–20	JLB20A–35	7.8	32	18	410	220	38.8	1.0
JY–35BG–40	JLB40–35	7.8	32	18	410	220	20.1	0.9
JY–50BG–20	JLB20A–50	9.0	32	18	430	240	55.6	1.0
JY–50BG–40	JLB40–50	9.0	32	18	410	230	29.2	0.9
JY–55BG	LB20J–55	9.6	32	20	500	280	64.6	1 .01
JY–70BG	LB27J–70	11.0	34	22	540	320	827	1.35
JY–80BG–20	JLB20A–80	11.5	36	24	550	320	85.0	2.2
JY–80BG–35	JLB35–80	11.5	36	24	530	320	55.0	1.6
JY–80BG–40	JLB40–80	11.5	36	24	500	300	46.2	1.4
JY–90BG	JLB20A–90	12.0	34	24	580	340	92.4	1.69
JY–95BG	JLB20A–95	12.5	34	24	600	360	96.0	1.84
JY–100BG–20	JLB20A–100	13.0	38	26	620	380	115.6	2.3
JY–100BG–35	JLB35–100	13.0	38	26	610	390	69.9	2.3
JY–100BG–40	JLB40–100	13.0	38	26	620	380	58.7	1.5
JY–120BG	JLB30–120	14.25	36	26	640	420	91.0	2.01
JY–120BG–20	JLB20A–120	14.25	42	30	680	400	138.9	3.1
JY–120BG–35	JLB35–120	14.25	36	24	640	400	83.9	2.6
JY–120BG–40	JLB40–120	14.25	36	24	630	380	71.5	2.2
JY–150BG–20	JLB20A–150	15.75	45	32	740	440	169.6	4.2
JY–150BG–35	JLB35–150	15.75	38	26	700	420	102.5	3.3
JY–150BG–40	JLB40–150	15.75	38	26	660	400	86.1	2.2

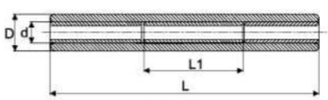
内接续管为热镀锌钢制件，外接续及两端衬管为铝制件。The inner joint pipe is a hot–dip galvanized steel part, and the outer joint and the two end liners are aluminum parts.



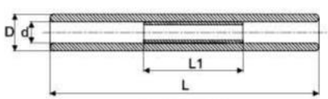
JY–BG、JYD–BG 型铝包钢芯铝绞线用接续管（液压型）

JY–BG, JYD–BG aluminum–clad aluminum–clad wire splice pipe (hydraulic type)

规格及技术参数 Specifications and technical parameters



简图 1 Sketch 1

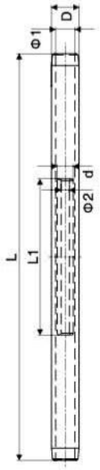


简图 2 Sketch 2

型号 Model	适用铝绞线 Apply aluminum wire	简图 Schematic	主要尺寸 Main dimensions (mm)				握力 Grip ≥ (kN)	重量 weight (kg)
			D	d	L	L1		
JY–80/47BG	JL/LB20A–80/47	1	36	18	480	250	64.6	1.30
JY–95/55BG	JL/LB20A–95/55		36	20	540	300	79.3	1.48
JY–150/35BG	JL/LB20A–150/35		38	18	560	280	63.7	–
JY–240/30BG	JL/LB20A–240/30	2	38	18	610	230	74	–
JY–240/40BG	JL/LB20A–240/40		38	22	500	110	81.6	1.18
JYD–300/25BG	JL/LB20A–300/25		42	20	500	90	74.4	1.35
JYD–300/40BG	JL/LB20A–300/40		42	18	650	230	90	1.42
JYD–300/50BG	JL/LB20A–300/50		42	24	550	130	101	1.50
JYD–400/35BG	JL/LB20A–400/35		48	18	710	220	95.1	2.03
JYD–400/50BG	JL/LB20A–400/50		48	22	790	290	121.7	2.07

JY– 液压对接，JYD– 液压搭接；内接续管为热镀锌钢制件，外接续及两端衬管为铝制件。
JY–hydraulic butt joints, JYD–hydraulic lap joints; inward continuation pipes are hot–dip galvanized steel parts, externally connected and the two end liners are made of aluminium.





JY 接续管（液压对接，钢芯铝绞线用）

JY connection pipe (hydraulic butt, ACSR)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)						握力 Grip ≥ (kN)	重量 weight (kg)
		D	d	L	Φ1	Φ2	L1		
JY–95/15	LGJ–95/15	26	12	360	12	5.5	120	33.5	0.49
JY–95/20	LGJ–95/20	26	12	380	12	6.0	120	35.5	0.50
JY–120/20	LGJ–120/20	30	14	380	17	6.0	120	39	0.67
JY–120/25	LGJ–120/25	30	14	420	17	6.8	150	45.5	0.73
JY–150/20	LGJ–150/20	32	14	390	18	6.0	120	44.3	0.79
JY–150/25	LGJ–150/25	32	14	400	18.5	6.8	120	51	0.84
JY–150/35	LGJ–150/35	32	16	430	19.0	8.2	150	61	0.94
JY–185/25	LGJ–185/25	32	14	420	20.5	6.8	120	61	0.77
JY–185/30	LGJ–185/30	32	16	440	20.5	7.6	140	61	0.87
JY–185/45	LGJ–185/45	32	18	520	21.0	9.1	200	76	1.04
JY–240/30	LGJ–240/30	36	16	570	23	7.9	170	71.8	1.15
JY–240/40	LGJ–240/40	36	16	590	23	8.7	190	79.5	1.19
JY–240/55	LGJ–240/55	36	20	640	24.0	10.3	230	97	1.45
JY–300/15	LGJ–300/15	40	14	560	24.5	5.7	120	65	1.2
JY–300/20	LGJ–300/20	40	14	680	25	6.5	140	75	1.25
JY–300/25	LGJ–300/25	40	14	600	25	7.3	160	79.5	1.31
JY–300/40	LGJ–300/40	40	16	640	25.5	8.7	190	87.5	1.47
JY–300/50	LGJ–300/50	40	18	660	26.0	9.6	210	98	1.31
JY–300/70	LGJ–300/70	42	22	710	27.0	11.5	260	122	2.18
JY–400/20	LGJ–400/20	45	14	580	28.5	6.5	140	85	1.65
JY–400/25	LGJ–400/25	45	14	660	28.5	7.3	160	90	1.84
JY–400/35	LGJ–400/35	45	16	680	28.5	8.2	180	98.7	1.85
JY–400/50	LGJ–400/50	45	20	730	29.5	9.9	220	117	1.9
JY–400/65	LGJ–400/65	48	22	760	29.5	11.0	250	128.4	2.88
JY–400/95	LGJ–400/95	48	26	830	31.0	13.2	300	162.7	3.31
JY–500/35	LGJ–500/35	52	16	740	31.5	8.2	180	113.5	2.7
JY–500/45	LGJ–500/45	52	18	760	31.5	9.1	200	121.7	2.92
JY–500/65	LGJ–500/65	52	22	820	32.5	11.0	250	146.3	3.34
JY–630/45	LGJ–630/45	60	18	840	35.5	9.1	200	141.3	4.1
JY–630/55	LGJ–630/55	60	20	880	36.0	10.3	230	156.18	4.4
JY–630/80	LGJ–630/80	60	24	940	36.5	12.3	280	182.26	5.1
JY–720/50	LGJ–720/50	60	20	820	38	9.8	240	162	4.14
JY–800/55	LGJ–800/55	65	20	950	40	10.3	230	181.93	1.51
JY–800/70	LGJ–800/70	65	22	980	40.5	11.5	260	196.7	1.60
JY–800/100	LGJ–800/100	65	26	1050	40.5	13.7	310	229	2.15

内接续管为热镀锌钢制件，外接续为铝制件。
The inner joint pipe is a hot–dip galvanized steel part, and the external connection is an aluminum part.

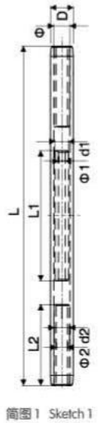


JYD 接续管（钢芯铝绞线用，液压搭接）
JYD joint pipe (for ACSR, hydraulic lap joint)

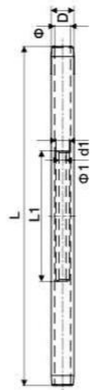
规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	简图 Schematic	主要尺寸 Main dimensions (mm)									握力 Grip ≥ (kN)	重量 weight (kg)
			D	Φ	L	d1	Φ1	L1	d2	Φ2	L2		
JYD-9|5/15	LGJ-95/15	1	32	23	310	16	8.5	70	22	14.5	105	33.5	0.52
JYD-95/20	LGJ-95/20		32	23	315	16	9.5	75	22	15	105	33.5	0.52
JYD-120/20	LGJ-120/20		32	23	335	16	9.5	75	22	16	115	39.0	0.53
JYD-120/25	LGJ-120/25		32	23	365	18	10.5	85	22	17	120	45.5	0.58
JYD-150/20	LGJ-150/20	2	32	18	365	16	9.5	75	–	–	–	44.3	0.61
JYD-150/25	LGJ-150/25	1	32	23	395	18	10.5	85	22	18	130	51.0	0.603
JYD-150/35	LGJ-150/35		38	25	410	22	12.5	100	24	19	130	61	1.02
JYD-185/25	LGJ-185/25	2	32	20.5	405	18	10.5	85	–	–	–	61	0.62
JYD-185/30	LGJ-185/30		34	20.5	420	18	12	100	–	–	–	61.1	0.90
JYD-185/45	LGJ-185/45	1	38	27	455	24	14	115	26	21	150	76.2	0.95
JYD-210/25	LGJ-210/25	2	34	21.5	420	20	11.4	90				63.0	0.95
JYD-210/35	LGJ-210/35		34	22.0	420	20	12.8	105				71.0	0.974
JYD-240/30	LGJ-240/30		36	23.0	450	20	12	100				71.8	0.88
JYD-240/40	LGJ-240/40		36	23.0	480	20	13.5	100				79.5	0.92
JYD-240/55	LGJ-240/55		36	24.0	500	22	16	170				97	0.93
JYD-300/15	LGJ-300/15		40	24.5	440	18	8.4	70				65	1.02
JYD-300/20	LGJ-300/20		40	25.0	450	18	9.8	80				75	1.02
JYD-300/25	LGJ-300/25		40	25	480	20	11.2	90				79.5	1.11
JYD-300/40	LGJ-300/40		40	25.5	490	20	13.3	100				87.6	1.11
JYD-300/50	LGJ-300/50		40	26.0	510	22	15.0	120				98	1.15
JYD-300/70	LGJ-300/70		42	26.5	560	24	18	130				122	1.40
JYD-400/20	LGJ-400/20		45	28.5	510	18	9.8	80				85	1.40
JYD-400/25	LGJ-400/25		45	28.5	520	20	11.2	90				91	1.44
JYD-400/35	LGJ-400/35		45	28.5	540	22	12.5	100				98.7	1.57
JYD-400/50	LGJ-400/50		45	29.5	570	24	15.4	120				117	1.62
JYD-400/65	LGJ-400/65		48	29.5	580	26	17.2	130				128.5	2.1
JYD-500/35	LGJ-500/35		52	31.5	580	22	12.5	100				113.5	2.27
JYD-500/45	LGJ-500/45		52	31.5	610	24	14.0	110				121.7	2.44
JYD-500/65	LGJ-500/65		52	32.5	640	26	17.2	130				146.3	2.48
JYD-630/45	LGJ-630/45		60	35.5	650	24	14.0	110				141.3	3.58
JYD-630/55	LGJ-630/55		60	36.5	680	26	16.0	120				156.2	3.64
JYD-720/50	LGJ-720/50		60	38	715	24	15.5	120				162	3.46
JYD-800/55	LGJ-800/55		65	40	730	26	16	120				180	4.65
JYD-800/70	LGJ-800/70		65	40.5	760	26	18	130				200	4.47

外管为铝制件，内管为热镀锌钢制件。
The outer tube is an aluminum part and the inner tube is a hot-dip galvanized steel part.



简图 1 Sketch 1



简图 2 Sketch 2

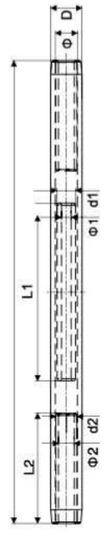


JY、JYD 接续管 (JY 液压对接、JYD 液压搭接，良导体地线用)
JY, JYD connection pipe (JY hydraulic butt, JYD hydraulic lap, good conductor ground)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)									握力 Grip ≥ (kN)	重量 weight (kg)
		D	Φ	L	d1	Φ1	L1	d2	Φ2	L2		
JYD-50/30	LGJ-50/30	32	20.0	300	18.0	12.0	100	19.0	12.5	85	40.5	0.58
JYD-70/40	LGJ-70/40	32	21.5	340	20.0	13.8	105	20.0	15.0	100	55.4	0.58
JYD-95/55	LGJ-95/55	34	26.0	440	24.0	16.0	130	25.0	17.0	130	94.0	0.86
JYD-120/70	LGJ-120/70	44	33.0	465	30.0	18.0	145	32.0	19.5	135	94.0	1.69
JY-50/30	LGJ-50/30	26	18.0	400	16	7.6	190	17.0	13.0	70	40.5	0.56
JY-70/40	LGJ-70/40	32	20.0	420	18	8.8	220	19.0	14.5	85	55.4	0.94
JY-95/55	LGJ-95/55	34	24.0	500	20	10.3	260	23.0	17.0	120	94.0	1.28
JY-120/70	LGJ-120/70	36	25.5	570	22	11.5	290	24.5	19.5	120	94.0	1.81

内接续管为热镀锌钢制件， 外接续及两端衬管为铝制件。
The inner joint pipe is a hot-dip galvanized steel part, and the outer joint and the two end liners are aluminum parts.



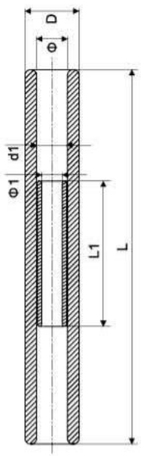
JYB 接续管（钢芯铝绞线用、爆压搭接）
JYB joint pipe (for ACSR, explosion pressure lapping)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)						握力 Grip ≥ (kN)	重量 weight (kg)
		D1	Φ	L	L1	d	Φ1		
JYB-70/40	LGJ-70/40	32	22	410	240	20	8.8	55.4	0.80
JYB-95/55	LGJ-95/55	36	25	450	150	24	17	82.2	1.03
JYB-120/20	LGJ-120/20	32	17.5	340	110	15	9.8	39	1.03
JYB-120/70	LGJ-120/70	36	25.5	340	160	25	19	93.5	0.92
JYB-150/25	LGJ-150/25	30	18.5	320	90	17	12	51.4	0.45
JYB -185/25	LGJ-185/25	32	20.5	330	95	17.2	13.5	56.2	0.86
JYB-185/30	LGJ-185/30	32	20.5	350	100	17.5	13.7	61	0.80
JYB-240/30	LGJ-240/30	36	23.3	430	135	21.2	13	71.8	0.95
JYB-240/40	LGJ-240/40	36	23.5	450	130	21.3	13.3	100	0.97
JYB-240/55	LGJ-240/55	38	24	530	160	22	16.5	72	1.08
JYB-300/20	LGJ-300/20	40	25.0	420	100	14	9.8	79	1.07
JYB-300/25	LGJ-300/25	40	25.5	410	100	19	14	79.2	1.10
JYB-300/40	LGJ-300/40	40	25.5	450	130	22	17	87.6	1.00
JYB-300/50	LGJ-300/50	40	26.0	450	140	22	17	122	1.01
JYB-300/70	LGJ-300/70	42	27.0	510	150	24	19	99	1.35
JYB-400/35	LGJ-400/35	45	28.5	530	150	26	15	99	1.74
JYB-400/35BG	LGJ-400/35BG	48	29.0	530	140	24	16	99	1.92
JYB-400/50	LGJ-400/50	45	29.5	510	130	24	17	117	1.80
JYB-400/65	LGJ-400/65	48	29.5	520	140	26	21	128	1.90
JYB-400/95	LGJ-400/95	48	31.0	550	170	28	22	163	2.10
JYB-500/65	LGJ-500/65	52	32.5	560	140	24	19	146	2.21

外管为铝制件，内管为热镀锌钢制件。
The outer tube is an aluminum part and the inner tube is a hot-dip galvanized steel part.



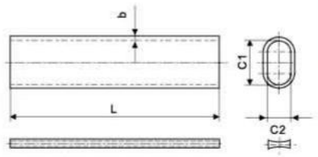




JTB 接续管（钢芯铝绞线用、爆压）

JTB connection pipe (for ACSR, detonation pressure)

规格及技术参数 Specifications and technical parameters



型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)				握力 Grip ≥ (kN)	重量 weight (kg)
		b	C1	C2	L		
JTB–25/4	LGJ–25/4	1.7	16.6	7.8	135	9	0.05
JTB–35/6	LGJ–35/6	2.1	18.6	8.8	170	12	0.08
JTB–50/8	LGJ–50/8	2.3	22.0	10.5	210	16	0.13
JTB–70/10	LGJ–70/10	2.6	26.0	12.5	250	22.2	0.19
JTB–70/40	LGJ–70/40	2.6	30.4	14.7	250	55.4	0.21
JTB–95/15	LGJ–95/15	2.6	31.0	15.0	260	33.3	0.22
JTB–95/20	LGJ–95/20	2.6	31.5	15.2	260	35.3	0.22
JTB–95/55	LGJ–95/55	3.1	36.5	17.5	260	74.2	0.25
JTB–120/7	LGJ–120/7	3.1	33.0	16.0	300	26.2	0.34
JTB–120/20	LGJ–120/20	3.1	35.0	17.0	300	39	0.34
JTB–150/8	LGJ–150/8	3.1	36.0	17.5	310	31.2	0.40
JTB–150/20	LGJ–150/20	3.1	37.0	18.0	310	44.3	0.40
JTB–150/25	LGJ–150/25	3.1	39.0	19.0	310	51.4	0.40
JTB–185/10	LGJ–185/10	3.4	40.0	19.5	350	38.8	0.50
JTB–185/25	LGJ–185/25	3.4	43.0	21.0	350	56.4	0.50
JTB–185/30	LGJ–185/30	3.4	43.0	21.0	350	61.1	0.50
JTB–210/10	LGJ–210/10	3.6	43.0	21.0	360	42.9	0.57
JTB–210/25	LGJ–210/25	3.6	44.0	21.5	360	62.7	0.63
JTB–210/35	LGJ–210/35	3.6	45.0	22.0	400	70.5	0.67
JTB–210/50	LGJ–210/50	5.0	47.0	22.6	370	86.3	0.72
JTB–240/30	LGJ–240/30	3.9	48.0	23.5	370	71.8	0.70
JTB–240/40	LGJ–240/40	3.9	48.0	23.5	460	79.2	0.70
JTB–300/25	LGJ–300/25	5.0	54.0	26	296	79.2	0.66
JTB–400/35	LGJ–400/35	5.0	60.0	39	330	98.7	0.80
JTB–400/95	LGJ–400/95	5.5	64.0	31	330	162.7	1.00

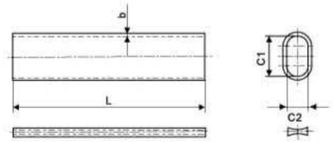
接续管、铝制件
Continuous pipe, aluminum parts



JT 接续管（钢芯铝绞线用，钳压）

JT connection pipe (for ACSR, clamp pressure)

规格及技术参数 Specifications and technical parameters



型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)				握力 Grip ≥ (kN)	重量 weight (kg)
		b	C1	C2	L		
JT–10/2	LGJ–10/2	1.7	11.0	5.0	170	3.9	0.05
JT–16/3	LGJ–16/3	1.7	14.0	6.0	210	5.8	0.07
JT–25/4	LGJ–25/4	1.7	16.6	7.8	270	8.8	0.08
JT–35/6	LGJ–35/6	2.1	18.6	8.8	340	12	0.17
JT–50/8	LGJ–50/8	2.3	22.0	10.5	420	16	0.23
JT–70/10	LGJ–70/10	2.6	26.0	12.5	500	22.2	0.34
JT–95/15	LGJ–95/15	2.6	31.5	15.2	690	33.3	0.52
JT–95/20	LGJ–95/20	2.6	31.5	15.2	690	35	0.55
JT–120/7	LGJ–120/7	3.1	33.0	16.0	910	26.2	0.60
JT–120/20	LGJ–120/20	3.1	35.0	17.0	910	39	0.91
JT–150/8	LGJ–150/8	3.1	36.0	17.5	940	31.2	1.05
JT–150/20	LGJ–150/20	3.1	37.0	18.0	940	44.3	1.10
JT–150/25	LGJ–150/25	3.1	39.0	19.0	940	51.4	1.15
JT–185/10	LGJ–185/10	3.4	40.0	19.5	1040	38.8	1.40
JT–185/25	LGJ–185/25	3.4	43.0	21.0	1040	56.4	1.43
JT–185/30	LGJ–185/30	3.4	43.0	21.0	1040	61.1	1.50
JT–210/10	LGJ–210/10	3.6	43.0	21.0	1070	42.9	1.52
JT–210/25	LGJ–210/25	3.6	45.0	22.0	1070	62.7	1.58
JT–210/35	LGJ–210/35	3.6	45.0	22.0	1070	70.5	1.62
JT–240/30	LGJ–240/30	3.9	48.0	23.5	540	71.8	1.00
JT–240/40	LGJ–240/40	3.9	48.0	23.5	540	79.2	1.00

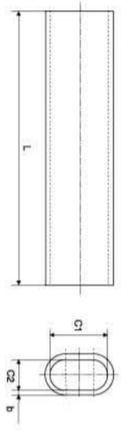
铝制件 Aluminum parts



JT–L 型接续管（铝绞线用，钳压）

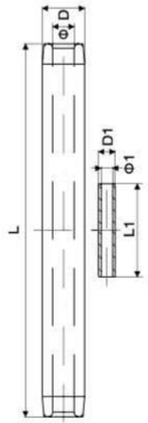
JT–L type connection pipe (for aluminum stranded wire, clamp pressure)

规格及技术参数 Specifications and technical parameters



型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)				握力 Grip ≥ (kN)	重量 weight (kg)
		b	C1	C2	L		
JT–16L	LJ–16	1.7	12.0	6.0	110	2.2	0.02
JT–25L	LJ–25	1.7	14.4	7.2	120	4.1	0.023
JT–35L	LJ–35	1.7	17.0	8.5	140	5.5	0.031
JT–50L	LJ–50	1.7	20.0	10.0	190	7.5	0.05
JT–70L	LJ–70	1.7	23.7	11.7	210	10.4	0.064
JT–95L	LJ–95	1.7	26.8	13.4	280	13.7	0.10
JT–120L	LJ–120	2.0	30.0	15.0	300	17.8	0.14
JT–150L	LJ–150	2.0	34.0	17.0	320	22	0.16
JT–185L	LJ–185	2.0	38.0	19.0	340	27	0.19
JT–240L	LJ–240	2.5	43.0	21.5	390	34.5	0.312

铝制件 Aluminum parts



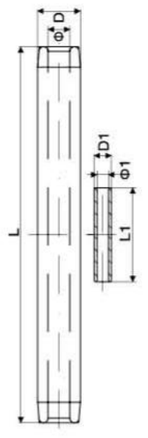
JY–N 型耐热铝合金绞线用接续管（液压对接型）

JY–N type heat–resistant aluminum alloy stranded pipe (hydraulic butt joint type)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)						握力 Grip ≥ (kN)	重量 weight (kg)
		D	Φ	L	D1	Φ1	L1		
JY–185/30N	NRLH $^{58}_{60}$GJ–183/30	36	20.5	520	16	7.70	190	59.0	1.18
JY–240/30N	NRLH $^{58}_{60}$GJ–240/30	45	23.0	590	16	7.90	190	69.5	2.01
JY–240/40N	NRLH $^{58}_{60}$GJ–240/40	45	23.0	610	18	8.70	215	76.5	2.32
JY–300/25N	NRLH $^{58}_{60}$GJ–300/25	50	25.5	650	16	7.30	170	75.8	2.80
JY–300/40N	NRLH $^{58}_{60}$GJ–300/40	50	25.5	680	18	8.70	200	85.4	2.87
JY–300/50N	NRLH $^{58}_{60}$GJ–300/50	50	26.0	700	20	9.60	220	96.0	3.12
JY–400/35N	NRLH $^{58}_{60}$GJ–400/35	55	28.5	650	18	8.20	210	93.6	3.37
JY–400/50N	NRLH $^{58}_{60}$GJ–400/50	55	29.5	710	20	9.90	240	112.0	3.69
JY–500/35N	NRLH $^{58}_{60}$GJ–500/35	65	31.5	760	18	8.2	200	108.0	5.43
JY–500/45N	NRLH $^{58}_{60}$GJ–500/45	65	31.5	780	20	9.1	220	117.0	5.67
JY–500/65N	NRLH $^{58}_{60}$GJ–500/65	65	32.5	840	22	11	270	140.6	6.24
JY–630/45N	NRLH $^{58}_{60}$GJ–630/45	70	35.5	940	20	9.1	230	133.0	7.56
JY–630/55N	NRLH $^{58}_{60}$GJ–630/55	70	36.5	960	22	10.3	260	148.2	7.84

内接续管为热镀锌钢制件，外接续为铝制件。The inner joint pipe is a hot–dip galvanized steel part, and the external connection is an aluminum part.



JYD–N 型耐热铝合金绞线用接续管（液压搭接型）

JYD–N type heat–resistant aluminum alloy stranded pipe (hydraulic lap joint type)

规格及技术参数 Specifications and technical parameters

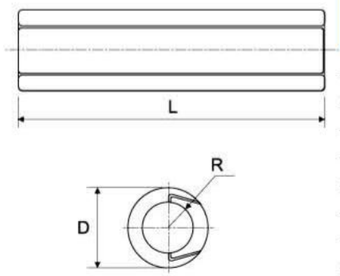
型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)						握力 Grip ≥ (kN)	重量 weight (kg)
		D	Φ	L	D1	Φ1	L1		
JYD–185/30N	NRLH $^{58}_{60}$GJ–185/30	38	20.5	480	20	12.2	100	59.0	1.80
JYD–240/30N	NRLH $^{58}_{60}$GJ–240/30	45	23.0	530	20	12.2	100	69.5	1.80
JYD–240/40N	NRLH $^{58}_{60}$GJ–240/40	45	23.0	540	20	13.5	110	76.5	1.84
JYD–300/25N	NRLH $^{58}_{60}$GJ–300/25	50	25.5	540	20	11.4	95	75.8	2.23
JYD–300/40N	NRLH $^{58}_{60}$GJ–300/40	50	25.5	580	20	13.5	110	85.4	2.38
JYD–300/50N	NRLH $^{58}_{60}$GJ–300/50	50	26.0	600	24	15.0	125	96.0	2.59
JYD–400/35N	NRLH $^{58}_{60}$GJ–400/35	55	28.5	605	22	12.8	105	93.6	3.02
JYD–400/50N	NRLH $^{58}_{60}$GJ–400/50	55	29.5	620	24	15.4	125	112.0	3.09
JYD–500/35N	NRLH $^{58}_{60}$GJ–500/35	65	31.5	670	22	13.0	105	108.0	4.80
JYD–500/45N	NRLH $^{58}_{60}$GJ–500/45	65	31.5	680	24	14.2	115	117.0	4.93
JYD–500/65N	NRLH $^{58}_{60}$GJ–500/65	65	32.5	700	26	17.3	135	140.6	5.02
JYD–630/45N	NRLH $^{58}_{60}$GJ–630/45	70	35.5	770	24	14.2	115	133.0	6.21
JYD–630/55N	NRLH $^{58}_{60}$GJ–630/55	70	36.5	780	26	16.2	125	148.0	6.34

内接续管为热镀锌钢制件，外接续为铝制件。The inner joint pipe is a hot–dip galvanized steel part, and the external connection is an aluminum part.



JX 补修管（钢芯铝绞线用）

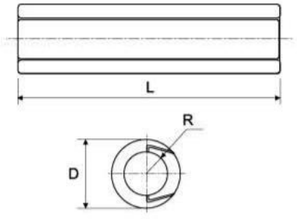
JX repair pipe (for ACSR)



规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)			重量 weight (kg)
		D	L	R	
JX–35/6	LGJ–35/6	22	125	6.25	0.05
JX–50/8	LGJ–50/8	24	140	8.1	0.07
JX–70/10	LGJ–70/10	26	150	7.4	0.084
JX–95/15	LGJ–95/15	34	170	9.0	0.143
JX – 95/20	LGJ–95/20	26	150	8.2	0.143
JX–95/55	LGJ–95/55	30	160	9.0	0.3
JX–120/20	LGJ–120/20	30	160	9.5	0.13
JX–150/8	LGJ–150/8	30	160	9.5	0.21
JX–150/20	LGJ–150/20	32	170	10.0	0.21
JX–150/25	LGJ–150/25	32	170	10.5	0.24
JX–150/35	LGJ–150/35	30	160	9.5	0.24
JX–185	LGJ–185	32	170	10.5	0.35
JX–185/10	LGJ–185/10	32	170	10.0	0.35
JX–210	LGJ–210	34	220	11.0	0.4
JX–240	LGJ–240	36	220	11.5	0.45
JX–240/55	LGJ–240/55	36	220	12	0.51
JX–300	LGJ–300	40	270	13.0	0.51
JX–300/15	LGJ–300/15	40	270	12.5	0.51
JX–300/70	LGJ–300/70	42	270	13.5	0.74
JX–400	LGJ–400	45	320	14.5	0.74
JX–400/65	LGJ–400/65	48	320	15.0	0.74
JX–400/95	LGJ –400/95	48	320	15.5	1.27
JX–500	LGJ–500	52	320	16.0	1.7
JX–630	LGJ–630	60	370	18.0	3.6
JX–800	LGJ–800	65	370	20.0	2.02
JX–800/55	LGJ–800/55	65	370	20.5	2.00

铝制件 Aluminum parts



JX–G 补修管（钢绞线用）

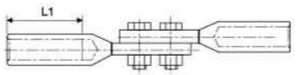
JX–G repair pipe (for strand)

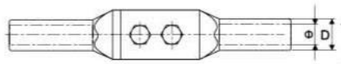
规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)			重量 weight (kg)
		D	L	R	
JX–35G	GJ–35	16	120	4.2	0.09
JX–50G	GJ–50	18	120	4.8	0.15
JX–55G	GJ–55	20	120	5.1	0.21
JX–70G	GJ–70	22	140	6.0	0.23
JX–80G	GJ–80	24	140	6.1	0.36
JX–100G	GJ–100	26	160	7.0	0.54
JX–120G	GJ–120	28	170	7.35	0.573
JX–150G	GJ–150	32	200	8.5	0.88

热镀锌钢制件 Hot–dip galvanized steel parts







JYT 跳线线夹（压缩型）
JYT jumper clip (compression type)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range (mm)	主要尺寸 Main dimensions (mm)			重量 weight (kg)
		D	L	Φ	
JYT–35/6	LGJ–35/6	16	60	9.5	0.41
JYT–50/8	LGJ–50/8	18	60	11.0	0.45
JYT–70/10	LGJ–70/10	22	70	13.0	0.54
JYT–95/15	LGJ–95/15	26	80	15.0	0.62
JYT–120/7	LGJ–120/7	26	80	16.0	0.60
JYT–120/20	LGJ–120/20	26	80	16.6	0.58
JYT–120/25	LGJ–120/25	26	80	17.2	–
JYT–150/20	LGJ–150/20	30	90	18.0	0.84
JYT–150/25	LGJ–150/25	30	90	18.5	0.84
JYT–185/10	LGJ–185/10	32	90	19.5	0.94
JYT–185/25	LGJ–185/25	32	90	20.5	0.90
JYT–185/30	LGJ–185/30	32	90	20.5	0.90
JYT–185/45	LGJ–185/45	32	90	21.0	–
JYT–240/30	LGJ–240/30	36	100	23.0	1.21
JYT–240/40	LGJ–240/40	36	100	23.0	1.21
JYT–300/15	LGJ–300/15	40	110	24.5	1.74
JYT–300/20	LGJ–300/20	40	110	25.0	–
JYT–300/25	LGJ–300/25	40	110	25.5	1.74
JYT–300/40	LGJ–300/40	40	110	25.5	1.74
JYT–300/50	LGJ–300/50	40	110	26.0	–
JYT–300/70	LGJ–300/70	42	110	27.0	–
JYT–400/20	LGJ–400/20	45	120	28.5	–
JYT–400/25	LGJ–400/25	45	120	28.5	–
JYT–400/35	LGJ–400/35	45	120	28.5	–
JYT–400/50	LGJ–400/50	45	120	29.5	–
JYT–400/65	LGJ–400/65	48	120	29.5	–
JYT–400/95	LGJ–400/95	48	120	31.0	–

线夹本体为铝制件，其余为热镀锌钢制件。The clamp body is made of aluminum and the rest are hot–dip galvanized steel parts.













JBL、JBT、JBTL 系列异径并沟线夹及绝缘罩 (1kV、10kV、20kV)
JBL, JBT, JBTL Series Reducing Parallel Groove Clamps and Insulation Covers (1kV, 10kV, 20kV)

概述 /Outline

JBL、JBT、JBTL 系列异径并沟线夹适用于架空电线路中导线的非承力接续与分支，与绝缘罩配套使用，起防护绝缘作用。

JBL, JBT, JBTL series reducer and groove clamps are suitable for the non–bearing connection and branching of wires in overhead power lines. They are used together with insulating covers to provide protective insulation.

结构特点 /Structural features

- ◆ 选用抗氧化铝合金材料
- ◆ 部件连体，安装时不会掉件
- ◆ 圆弧大面积抱紧，导线不易蠕变
- ◆ Use anti–oxidation aluminum alloy material
- ◆ The parts are connected and the parts will not be dropped during installation
- ◆ The arc is surrounded by a large area and the wire is not easy to creep

绝缘罩性能特点 /Insulation cover performance characteristics

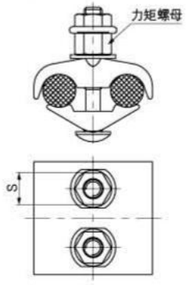
- ◆ 1–10kV 产品工频耐压：≥ 18kV，保压 1 分钟不击穿；20kV 产品工频耐压：≥ 30kV，保压 1 分钟不击穿；
- ◆ 绝缘电阻：$1.0\times10^{14}\Omega$；
- ◆ 环境温度：–30℃ –+90℃；
- ◆ 耐气候性能：经人工气候老化试验 1008 小时后性能良好。
- ◆ 1 – 10kV product frequency frequency withstand voltage: ≥ 18kV, pressure does not breakdown for 1 minute; 20kV product frequency frequency withstand voltage: ≥ 30kV, maintain pressure for 1 minute without breakdown;
- ◆ Insulation resistance: $1.0\times10^{14}\Omega$;
- ◆ Ambient temperature: –30℃ –+90℃;
- ◆ Weather resistance: It has good performance after 1008 hours weathered artificial weathering test.

规格及技术参数 (JBL 等同于 JBLY)/Specifications and Technical Parameters (JBL is equivalent to JBLY)

产品名称 product name	型号 Model	适用导线规格 Applicable wire specifications
异径铝并沟线夹（杭州型） Reducing aluminum and groove clamp (Hangzhou type)	JBL–16–120/2	16–120
	JBL–16–120/3	
	JBL–50–240/2	50–240
	JBL–50–240/3	
	JBL–120–400/2	120–400
	JBL–120–400/3	
异径铝并沟线夹（北京型） Reducing aluminum and groove clamp (Beijing type)	JBL–16–120	16–120
	JBL–50–240	50–240
异径铜并沟线夹 Reducing copper and groove clamp	JBT–10–70	10–70
	JBT–16–120	16–120
	JBT–50–240	50–240
异径铜铝并沟线夹 Reducing copper and aluminum groove clamp	JBTL–10–70	10–70
	JBTL–16–120	16–120
	JBTL–50–240	50–240

注：附加数字“2”为两个螺钉，附加数字“3”为三个螺钉。
Note: The additional number "2" is two screws, and the additional number "3" is three screws.





PGA、JBY 型力矩式跨径线夹
PGA, JBY type torque span clamp

性能特点 /Performance characteristics

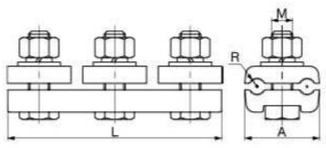
线夹采用力矩螺母，能方便施工时达到规定的安装力矩，避免人工导致的安装不到位且避免损伤导线。线夹和导线接触的线槽内均涂有独特的导电抗氧化剂。绝缘罩与线夹配套使用，起绝缘防护作用。

The clip uses a torque nut, which can easily reach the specified installation torque during construction and avoid manual installation and damage to the wire. The line clamp and the wire contact slot are coated with a unique conductive antioxidant. The insulating cover and the clamp are used together to provide insulation protection.

JBY 规格及技术参数 (JBY 等同于 PGA)/JBY specifications and technical parameters (JBY is equivalent to PGA)

型号 Model	适用主线范围 Applicable main line range (mm^2)	适用支线范围 Applicable branch range (mm^2)	导线直径范围 Wire diameter range	螺栓数量 Number of bolts	S
JBY-302	10-95	10-95	Φ3.8-12.0	2×M8	14
JBY-502	25-150	25-70	Φ6.0-16.0	2×M10	17
JBY-503	25-150	25-150	Φ6.0-16.0	3×M10	17
JBY-602	50-240	50-120	Φ8.3-18.4	2×M12	19
JBY-603	50-240	50-240	Φ8.3-18.4	3×M12	19
JBY-803	95-300	95-300	Φ11.6-23.0	3×M12	19





JB 并沟线夹 (铝绞线、钢芯铝绞线用) 技术参数表
JB and groove clamp (for aluminum strand, ACSR) technical parameters

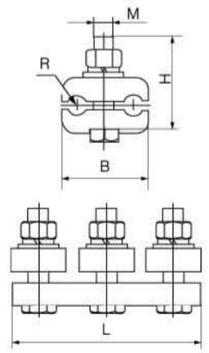
型号 Model	适用主线范围 Applicable main line range (mm^2)	螺栓 bolt	主要尺寸 Main dimensions (mm)		
			A	L	R
JB-0	16-25	2-M10*40	35	72	4
JB-1	35-50	2-M12*45	46	80	5.5
JB-2	70-95	3-M12*50	50	114	7.5
JB-3	120-150	3-M16*60	62	140	9
JB-4	185-240	3-M16*65	71	144	11
JB-5	300-400	4-M20*85	90	200	14.5
JB-6	500-630	4-M20*95	110	230	18.5

注：线夹本体和盖板热挤压型材铝制品，其余为热镀锌钢制件。
Note: The clip body and the cover plate are hot extruded aluminum products, and the rest are hot-dip galvanized steel parts.



JYT 型跳线线夹技术参数表 /JYT type jumper clamp technical parameter table

型号 Model	适用主线范围 Applicable main line range (mm^2)	主要尺寸 Main dimensions (mm)			
		d	D	L1	L2
JYT-35/6	LGJ-35/6	9.5	16	60	70
JYT-50/8	LGJ-50/8	11.0	18	60	70
JYT-70/10	LGJ-70/10	13.0	22	70	70
JYT-95/15-20	LGJ-95/15-20	15.5	26	80	70
JYT-120/7-25	LGJ-120/7-25	17.2	26	80	88
JYT-150/8-20	LGJ-150/8-20	18.2	30	90	88
JYT-150/25-35	LGJ-150/25-35	19.0	30	90	88
JYT-185/10-30	LGJ-185/10-30	20.5	32	90	88
JYT-185/45	LGJ-185/45	21.5	32	90	88
JYT-240/30-40	LGJ-240/30-40	23.0	36	100	88

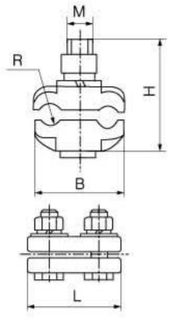


并沟线夹
Parallel clamps

并沟线夹 (铝绞线、钢芯铝绞线用)
Parallel groove clamps for AAC&ACSR conductor

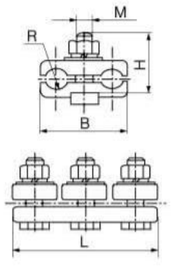
通用设计型号 stable design Catalog No.	型号 Model	适应导线 Suitable Conductor	主要尺寸 Main Dimensions					螺栓数量 Bolt No.
			L	B	H	R	M	
	JB-0	16-25	70	37	40	3.5	10	2
	JB-1	35-50	78	44	45	5.0	12	2
JB-2	JB-2	70-95	112	52	55	7.0	12	3
JB-3	JB-3	120-150	138	62	60	8.5	16	3
	JB-4	185-240	142	71	65	11.0	16	3
	JB-5	300-400	215	100	80	15.5	20	4
	JB-6	500-630	230	110	90	18.5	20	4

线夹本体和盖板为铝合金件，其余为热镀锌钢制件。
The clamp body and keepares are aluminium alloy, the other parts are steel. All ferrous parts are hot-dip galvanized.



并沟线夹 /Parallel clamps

型号 Model	适应导线 Suitable Conductor	主要尺寸 Main Dimensions					螺栓数量 Bolt No.
		L	B	H	R	M	
JBG-1	4.5-11.5	36	43	60	6.0		1
JBG-2	11.5-14.0	68	48	58	7.0		2
JBG-3	14.0-17.0	72	58	75	8.5		2
JBG-4	17.0-22.0	80	72	75	11.0		2



型号 Model	适应导线 Suitable Conductor	主要尺寸 Main Dimensions				螺栓数量 Bolt No.
		L	B	R	M	
JBB-1	25-35	90	44	4.5	12	2
JBB-2	50-70	90	50	6.0	16	2
JBB-3	100-120	124	56	7.0	16	2
JBB-4	150-185	138	70	10.0	16	3

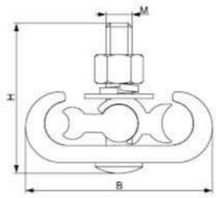
线夹本体和盖板为可锻铸铁，其余为钢制件，全部热镀锌。
The clamp body and keepares are malleableiron, the other parts are steel, All ferrous parts are hot-dip galvanized.











C 型线夹
C Type Clamps

概述 /Outline

C 型线夹是导线接续型电力连接金具，主要用在架空绝缘导线、钢芯铝绞线、铝绞线、钢绞线和铜导线非承力位置上 T 接续或跳线用。该线夹采用导电性能良好的高强度特殊铝合金制造，结构采用合理的 C 型和铰型楔块构成，当铰型楔块在外力作用下，将导线压紧在线夹壳体和模块之间。当导线热胀冷缩时，C 型结构应具有的弹性，始终保持线夹与导线间持久而恒定的接触压力。随着外界环境及负载条件的变化，而接触压力不变，满足了接续连接的最佳要求。

The C line clip is wire connection type electric connection fittings, mainly used in overhead insulated wire, steel core aluminum strand, aluminum wire, steel wire and copper wire non load-bearing position T connection or jumper with. The line clamp is made of conductive good performance of high strength aluminum alloy manufacturing structure by reasonable type C and type hinge wedge blocks, when type hinge wedge under the external force, the wire pressing clamp casing and between modules. When thermal expansion and contraction of the wire and C type structure should have the flexibility, and always maintain the clamp and the wires between the lasting and constant contact pressure. With the change of the external environment and the load condition, the contact pressure is invariable, which satisfies the best request of the connection.

特点 /Feature

- ◆ 接触性能：线夹与导线接触面大，夹紧力恒定，直流电阻比率在 0.85-0.9 之间。
- ◆ 过载能力：过载能力达到核定电流 2 倍以上；
- ◆ 牢固性能：高强度材料，不锈钢螺栓紧固，连接可靠、永不脱落；
- ◆ 热循环性能：热循环性能好，始终在直流电阻比率 1 以下运行；
- ◆ 安装：安装和拆卸方便，适合高空作业；
- ◆ 节能性能：材质采用高强度特殊铝合金制造，无电磁损耗、抗腐蚀、抗氧化。

接触电阻小、热循环性能好、过载能力强、节电性优、安装方便、免检修、零故障、长寿命等优良品质。在选用时，无论是送电线路，还是配电线路只需选用 1 只连接即可。

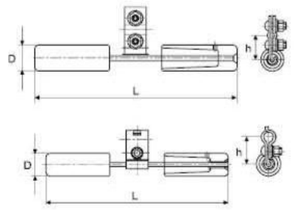
- ◆ Contact performance: clamp and wire contact surface, the clamping force is constant, the rate of DC resistance in 0.85–0.9.
- ◆ Overload capacity: overload ability to achieve the approved current more than 2 times;
- ◆ Firm performance: high strength material, stainless steel bolt fastening, the connection is reliable;
- ◆ Thermal cycling performance: the thermal cycling performance is good, always in the DC resistance ratio of 1 the following operation;
- ◆ Installation: installation and removal is convenient, suitable for aerial work;
- ◆ Energy saving performance: the material uses the high strength special aluminum alloy manufacture, does not have the electromagnetic loss.

Small contact resistance and good thermal cycling performance, strong overload capacity, energy saving, convenient installation, maintenance free, zero fault. Long-life and excellent quality. In the selection, whether it is the transmission line, but also the distribution line only 1 connection can be used.

外形及安装尺寸 /Shape and installation dimensions

产品型号 Product number	主要尺寸 Main dimensions			
	L	B	H	M
JLC-C01-C04	90	118	65	12
JLC-811-816	72	104	65	12
JLC-821-824	70	87	65	12
JLC-831-834	50	75	60	10
JLC-841-845	50	70	60	10
JLC-851-854	50	62	60	10
JLC-861-863	40	62	60	10





FD 型、FG 型防振锤
FD type, FG type anti-vibration hammer

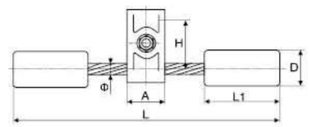
锤头为灰铸铁件，涂漆，其余为热镀锌钢制件

The hammer head is gray cast iron, painted, the rest is hot-dip galvanized steel

技术参数 technical parameter

型号 Model	使用绞线截面 (mm²)Use stranded wire section		简图 brief	主要尺寸 (mm) Main size			重量 (kg) Weight
	钢绞线 Steel wire	铝绞线或钢芯铝绞线 Aluminum stranded wire or steel core aluminum stranded wire		L	D	h	
FD-1		35-50	1	300	40	40	1.5
FD-2		70-95	2	370	46	55	2.4
FD-3		120-150	2	450	56	65	4.5
FD-4		185-240	2	500	62	70	5.6
FD-5		300-400	2	550	67	70	7.2
FD-6		500-630	2	550	70	75	8.6
FG-35	35		1	300	42	70	1.8
FG-50	50		1	350	46	50	2.4
FG-70	70		2	400	56	60	4.2
FG-100	100		2	500	62	65	5.9





FF 防振锤 (500KV 线路用)
FD type, FG type anti-vibration hammer

线夹为铝合金件，The clamp is made of aluminum alloy,

锤头为灰铸铁件，The hammer head is gray cast iron,

其余为热镀锌钢制件。The rest are hot-dip galvanized steel parts.

技术参数 technical parameter

型号 Model	使用导线范围 Use wire range	主要尺寸 (mm) Main size						重量 (kg) Weight (kg)
		L	L1	D	Φ	H	A	
FF-5	23.0-28.0	550	200	67	13	70	70	7.4



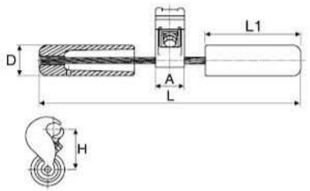
FD-L 型防振锤 (节能防电晕型)Dampers
FD-L type anti-vibration hammer (energy-saving and anti-corona type) Dampers

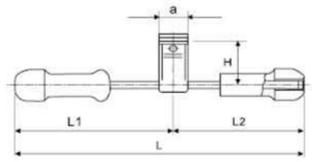
线夹为铝合金件，锤头为灰铸铁件，浸漆如用户需要，重锤可热镀锌。

The clamp is made of aluminum alloy, the hammer head is made of gray cast iron, and the hammer can be hot-dip galvanized if required by the user.

技术参数 technical parameter

型号 Model	使用导线范围 Use wire range	主要尺寸 (mm) Main size					钢绞线规格 Steel strand specification	单锤重量 (kg) Single hammer weight	重量 (kg) Weight(kg)
		D	A	H	L	L1			
FL-1L	LG-35-50	40	50	81	300	95	7/2.6	0.54	1.5
FL-2L	LG-70-90	46	50	81	370	130	7/3.0	0.94	2.4
FL-3L	LG-120-150	56	60	81	450	150	19/2.2	1.74	4.5
FL-4L	LG-185-240	62	60	91	500	175	19/2.2	2.17	5.6
FL-5L	LG-300-400	67	60	96	550	200	19/2.6	3.00	7.2
FL-6L	LG-500-630	70	60	96	550	200	19/2.6	3.60	8.6







FR 防振锤 Dampers

FR anti-vibration hammer Dampers

线夹为铝合金件， The clamp is made of aluminum alloy,

锤头为灰铸铁件， The hammer head is gray cast iron,

其余为热镀锌钢制件。 The rest are hot-dip galvanized steel parts.

技术参数 technical parameter

型号 Model	使用导线范围 (mm)	主要尺寸 (mm) Main size				重量 (kg) Weight (kg)
		L1	l2	H	a	
FR-1	7.0-12.0	239	190	80	50	2.7
FR-2	11.0-22.0	239	190	80	50	2.7
FR-3	18.0-28.0	280	225	90	60	5.1
FR-4	23.0-36.0	300	250	97	60	7.5



FDZ 防振锤

FDZ anti-vibration hammer

规格及技术参数 Specifications and technical parameters

型号 Model	使用导线范围 Use wire range	主要尺寸 Main dimensions (mm)					钢绞线规格 Steel strand specification	单锤重量 Single hammer weight	参考重量 Weight(kg) (kg)
		a	b	h	L1	L			
FDZ-1	30-50	50	33	51	120	320	19/1.8	0.7	1.8
FDZ-2	70-95	50	33	51	130	360	19/1.8	0.9	2.3
FDZ-3	120-150	55	42	62	150	450	19/2.2	1.7	4.2
FDZ-4	185-240	60	52	64	160	500	19/2.2	2.1	5.3
FDZ-5	300-400	60	60	87	180	550	19/2.6	2.8	6.5
FDZ-6	500-630	60	60	87	182	550	19/2.6	3.3	7.6

线夹为铝合金件，

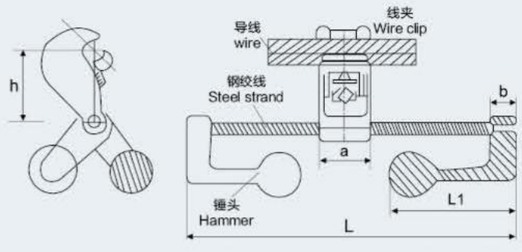
锤头为灰铸铁件，

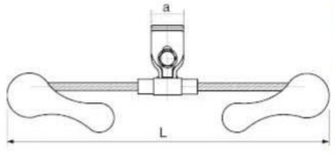
其余为热镀锌钢制件。

The clamp is made of aluminum alloy,

The hammer head is gray cast iron,

The rest are hot-dip galvanized steel parts.





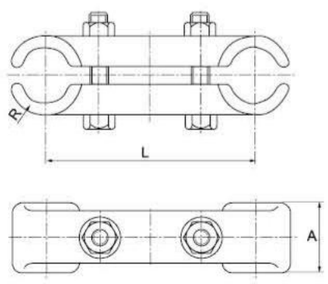
防振锤

Dampers

节能型防振锤 /Energy saving damper

型号 Model	适应绞线直径 Fit wire diameter	主要尺寸 Main Dimensions		参考重量 Weight(kg)
		L	a	
FDB0712	7-12	420	35	1.3
FDB1215	12-15	420	40	1.3
FDB1518	15-18	420	40	1.3
FDB1821	18-21	420	45	1.3
FDB2124	21-24	456	45	2.5
FDB2427	24-27	480	50	4.6
FDB2730	27-30	480	50	4.8





MRJ 双分裂间隔棒

MRJ double split spacer

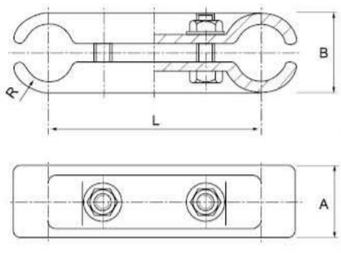
规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range	主要尺寸 (mm) Main dimensions			参考重量 Weight(kg)
		A	L	R	
MRJ-4/120	19.02-21.28	50	120	11	0.4
MRJ-5/120	23.07-27.36	60	120	14	0.6
MRJ-6/120	30.16-33.20	70	200	17	0.7
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-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	30.60-33.20	70	400	17	2.8

线夹本体为链合金件， 其余为热镀锌钢制件。

The clamp body is a chain alloy part, and the rest are hot-dip galvanized steel parts.





MRJ 双分裂间隔棒

MRJ double split spacer

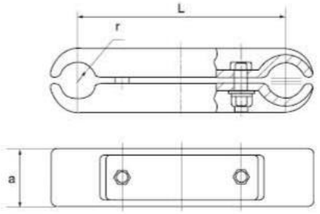
规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range	主要尺寸 (mm) Main dimensions				参考重量 Weight(kg)
		A	B	L	R	
MRJ- 600K-120	LGKK-600	50	68	120	0.7	26
MRJ-600K-200	LGKK-600	60	70	200	2.2	26
MRJ-600K-400	LGKK-600	60	70	400	2.5	26
MRJ-600K-450	LGKK-600	60	70	450	3.3	26
MRJ-900K-120	LGKK-900	50	65	120	0.7	26
MRJ-1400K-120	LGJQT-1400	50	68	120	0.7	26
MRJ-1400K-200	LGJQT-1400	60	68	200	2.2	26
MRJ-1400K-400	LGJQT-1400	60	70	400	2.5	26
MRJ-1400K-450	LGJQT-1400	60	70	450	3.3	26
MRJ-1440N-200	NAHLGJQ-1440	60	70	200	2.2	26
MRJ-1440N-400	NAHLGJQ-1440	60	70	400	2.5	26

线夹本体为链合金件， 其余为热镀锌钢制件。

The clamp body is a chain alloy part, and the rest are hot-dip galvanized steel parts.





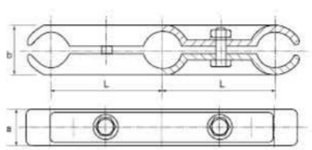
JS 双母线间隔棒
JS double busbar spacer

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线外径 Applicable wire diameter	主要尺寸 (mm) Main dimensions			参考重量 (kg) Weight(kg)
		r	a	L	
JS–400N/200	27.4	14	50	200	1.6
JS–630N/200	35	18	65	200	1.8
JS–900K/200	49	25	50	200	1.7
JS–1000/200	42.08	21.5	60	200	1.8
JS–51/120	52	26	60	120	0.9
JS–51/200	52	26.5	60	200	1.9
JS–57/200	56	28.5	75	200	2
JS–400N/400	27.4	14	50	400	2
JS–630N/400	35	18	65	400	2.2
JS–900K/120	49	25	50	120	0.7
JS–900K/400	49	25	50	400	2.3
JS–51/400	52	26.5	60	400	2.5
JS–51/400GHB	51	26	70	400	2.8
JS–57/400	56	28.5	75	400	3.0

线夹本体为铝合金件，其余为热镀锌钢制件。
The clamp body is made of Shao alloy, and the rest are made of hot–dip galvanized steel.





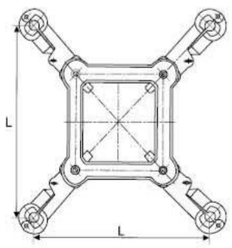
MRJ_3 三分裂间隔棒
Three–split spacer

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 Applicable wire range	主要尺寸 (mm) Main dimensions			参考重量 (kg) Weight(kg)
		a	b	L	
MRJ_3–240/200	LGJ–240	50	44	200	1.5
MRJ_3–600K/120	LGJKK–600	50	68	120	2.7
MRJ_3–600K/200				200	2.7
MRJ_3–1400/120	LGJQT–1400	50	68	120	2.2
MRJ_3–1400/200				200	2.7
MRJ_3–1400N/200	NAHLGQ–1440	60	70	200	2.7

本体为铝合金件，其余为热镀锌钢制件
The body is made of aluminum alloy, and the rest are made of hot–dip galvanized steel





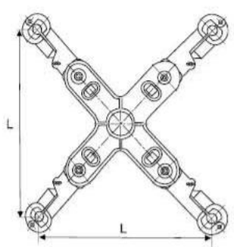
JZF4 型阻尼间隔棒
JS double busbar spacer

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 (mm) Applicable wire range (mm)	主要尺寸 (mm) Main size (mm)	重量 (kg) Weight (kg)
JZF4–45300	23.0–24.5	450	7.5
JZF4–45300J	24.5–26.0	450	7.5
JZF4–45400	26.0–28.0	450	7.5
JZF4–45400J	28.1–29.5	450	7.5

线夹、框架为铝合金件；橡胶件为合成橡胶。
The clamp and frame are made of aluminum alloy; the rubber part is made of synthetic rubber.





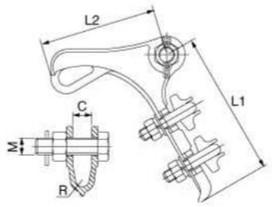
JZX4 十字型阻尼间隔棒
Cross–type damping spacer

规格及技术参数 Specifications and technical parameters

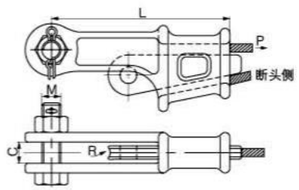
型号 Model	适用导线范围 (mm) Applicable wire range (mm)	主要尺寸 (mm) Main size (mm)	重量 (kg) Weight (kg)
JZX4–45300	23.0–24.5	450	7.5
JZX4–45300J	24.5–26.0	450	7.5
JZX4–45400	26.0–28.0	450	7.5
JZX4–45400J	28.1–29.5	450	7.5
JZX4–45500G	30	450	8.2

线夹、框架为铝合金件；橡娇件为合成橡胶。
The clamp and frame are made of aluminum alloy; the rubber parts are made of synthetic rubber.









NLD、NX、NUT、NU 耐张线夹

NLD, NX, NUT, NU strain clamps

NLD 系列螺栓型可锻铸铁耐张线夹 /NLD series bolt type malleable cast iron tension clamp

型号 Model	适用导线直径（含包缠物）Applicable wire diameter (including wraps) (mm)	主要尺寸 Main dimensions (mm)					U 形螺丝 U screw		标称破坏载荷 Nominal breaking load (kN)
		L1	L2	R	C	M	个数 Number	直径 diameter	
NLD–1	Φ5. 0–10	150	120	6. 5	18	16	2	12	20
NLD–2	Φ10.1–14	205	130	8. 0	18	16	3	12	40
NLD–3	Φ14. 1–18	310	160	11.0	22	18	4	16	70
NLD–4	Φ18. 1–23	410	220	12. 5	25	18	5	16	90

NX 楔型拉线线夹 /NX wedge type cable clamp

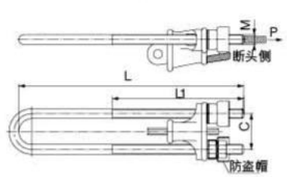
型号 Model	适用钢绞线 Applicable strand		主要尺寸 Main dimensions (mm)				标称破坏载荷 Nominal breaking load (kN)
	截面 section (mm^2)	外径 Outside diameter (mm)	C	M	L	R	
NX–1	25–35	Φ6. 6–7. 8	18	16	150	6. 0	45
NX–2	50–70	Φ9. 0–11.0	20	18	180	7. 3	88
NX–3	100–125	Φ13.0 –14.0	24	24	200	7. 3	143
NX–4	135–150	Φ15. 0 –16. 0	28	27	220	8. 0	164

本体和内楔为可锻铸铁和球墨铸铁件，表面热镀锌。
The body and inner wedges are malleable iron and ductile iron castings with hot–dip galvanized surfaces.

型号 Model	适用钢绞线 Applicable strand		主要尺寸 Main dimensions (mm)				标称破坏载荷 Nominal breaking load (kN)
	截面 section (mm^2)	外径 Outside diameter (mm)	C	M	L	R	
NX–1L	25–35	Φ6. 6–7. 8	18	16	150	6. 0	45
NX–2L	50–70	Φ9.0–11.0	20	18	180	7. 3	88

本体和内楔为铝合金件，型号中“L”表示材质为铝合金。
The body and the inner wedge are aluminum alloy parts. The “L” in the Model indicates that the material is aluminum alloy.





NUT 可调式、NU 楔型拉线线夹 /NUT adjustable, NU wedge type cable clamp

可锻铸铁型型号 Malleable cast iron type	铝合金型型号 Aluminum Alloy Model	适用钢绞线 Applicable strand		主要尺寸 Main dimensions (mm)				标称破坏载荷 Nominal breaking load (kN)	铸铁型参考重量 Cast iron type Weight(kg) (kg)	选用防盗帽 Anti–theft cap	防盗帽扳手 Anti–theft cap wrench
		截面 section (mm^2)	外径 Outside diameter (mm)	M	L	Li	C				
NUT–1	NUT–1L	25–35	Φ6. 6–7. 8	16	350	200	56	45	2. 10	FDM–1#	FDB–1#
NUT–2	NUT–2L	50–70	Φ9. 0–11	18	430	250	62	88	3. 20	FDM–2#	
NUT–3	NUT–3L	100–125	Φ13.0–14	22	500	300	74	143	5.40	FDM–3#	FDB–2#
NUT–4	NUT–4L	135–150	Φ15. 0–16	24	580	350	82	164	7. 20	FDM–4*	

当选用防盗帽时，安装方法如下：
1、用普通扳手将螺母（件 1）拧紧，并套上配套的防盗帽（件 2）；2、套上配套的防盗套（件 4），并用专用防盗帽扳手拧上螺母（件 3）。
When using the anti–theft cap, the installation method is as follows:
1. Use an ordinary spanner to tighten the nut (item 1) and put on the matching anti–theft cap (item 2); 2. Put on the matching anti–theft sleeve (item 4) and use a special anti–theft cap wrench to tighten the nut (item 3) .











NXL 系列楔型耐张线夹（单耳）

NXL series wedge strain clamp (single ear)

用途 /Application

楔形铝合金耐张线夹适用于 10kV 及以下配电线路中，将架空绝缘铝导线或裸导线固定在转角或终端杆塔的耐张绝缘子串上，从而将架空导线固定或拉紧；绝缘罩与耐张线夹配套使用，起绝缘防护作用。

Wedge–shaped aluminum alloy strain–resistant clamps are suitable for distribution lines up to and including 10kV. The overhead insulated aluminum conductors or bare conductors are fixed on the angle insulators or on the strain–resistant insulator strings of the terminal towers to fix or tension the overhead conductors; The use of strain–resistant clamps provides insulation protection.

结构特点 /Structural features

- 选用非磁性特种铝合金压铸成型，强度高，节能源；
- 楔块锁紧结构，握力好，防松动，免维护；
- 开口式设计，部件连体，装卸时不会掉件，安装简便；

- Use non–magnetic special aluminum alloy die–casting molding, high strength, energy saving;
- wedge locking structure, good grip, anti–loosening, maintenance–free;
- Open design, components connected, not fall when loading and unloading, easy installation;

绝缘罩性能特点 /Insulation cover performance characteristics

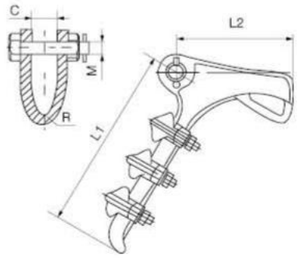
工频耐压：≥ 45kV 保压 1 分钟不击穿，不闪络；
绝缘电阻：$>1.1\times10^{14}\,\Omega$
环境温度：–30℃ –90℃
耐气候性能：经人工气候老化试验 1008 小时性能良好。

Power frequency withstand voltage: ≥ 45kV holding pressure for 1 minute without breakdown, no flashover;
Insulation resistance: $>1.1\times10^{14}\,\Omega$
Ambient temperature: –30℃ –90℃
Weather resistance: It has good performance by artificial weathering test for 1008 hours.

技术参数 /Technical Parameters

型号 Model	适用导线外径 Applicable wire outer diameter (mm)	架空绝缘铝导线（JKLY 剥皮）Overhead insulated aluminum wire (JKLY stripping)	标称破坏载荷 Nominal breaking load (kN)	聚乙烯绝缘罩 Polyethylene insulation cover
NXL–1	Φ6.0–9.0	35–50	7.4	NXL–1–2Z
NXL–2	Φ9.0–12.0	70–95	14.5	NXL–1–2Z
NXL–3	Φ12.0–15.0	120–150	22.1	NXL–3Z
NXL–4	Φ15.0–19.0	185–240	36.5	NXL–4Z

1、如果订购带绝缘罩的产品，请在型号后加 Z，如“NXL–3Z”；
2、如单独购买绝缘罩请按选型表选择，如“NXLZ–3”。
1. If ordering products with insulating cover, please add Z after the Model, such as “NXL–3Z”;
2. If you purchased insulation cover separately, please select according to the selection table, such as “NXLZ–3”.

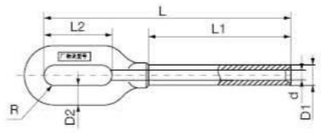


耐张线夹
Strain clamp

耐张线夹（螺栓型）/Strain clamp (bolt type)

型号 Model	适用导线直径（含包缠物）Application of wire diameter	主要尺寸 Main dimensions(mm)					U形螺栓 Ubolt		标称破坏载荷 Specified Failure Load (kN)
		M	C	L1	L2	R	个数 Number	直径 diameter	
NLD-1	5.0-10.0	16	18	150	120	6.5	2	12	40
NLD-2	10.1-14.0	16	18	205	130	8.0	3	12	40
NLD-3	14.1-18.0	18	22	310	160	11.0	4	16	70
NLD-4	18.1-23.0	18	25	410	220	12.5	5	16	90
NLD-4B	18.1-23.0	18	27	370	200	12.5	4	16	90

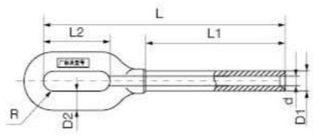
线夹本体和压板为可锻铸铁件，闭口销为不锈钢制件，其余为钢制件．可锻铸铁件和钢制件热镀锌。
The clamp body and keepers are malleable iron，the closed-pin stainless steelwork， the other parts are steel.



钢绞线用耐张线夹（压缩型）/Strain clamps for steel wire strand (comperssion type)

型号 Model	适应钢绞线直径 Dia.of steel wire(mm)	主要尺寸 Main dimensions (mm)							标称破坏载荷 Specified Failure Load (kN)
		L	L1	L2	D1	D2	d	R	
NY-35G	7.8	210	115	55	16	16	8.4	9	45
NY-50G	9.0	220	130	50	18	16	9.7	9	60
NY-55G	9.6	230	140	50	20	16	10.2	10	70
NY-70G	11.0	255	155	55	22	18	11.7	11	88
NY-80G	11.5	275	175	55	24	18	12.2	12	90
NY-100G	13.0	295	185	65	26	20	13.5	13	123
NY-120G	14.0	315	195	70	28	22	14.7	14	143
NY-135G	15.0	340	215	70	30	22	15.7	15	164
NY-150G	16.0	380	230	90	32	24	16.7	16	187

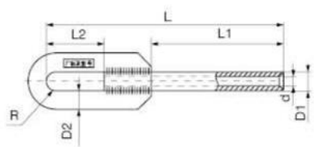
热镀锌钢制件。Hot-dip galvanized steel.



型号 Model	适应钢绞线直径 Dia.of steel wire(mm)	主要尺寸 Main dimensions (mm)						标称破坏载荷 Specified Failure Load (kN)
		L	L2	D1	D2	d	R	
NY-35G	GJ-35	210	50	16	16	8.4	10	45
NY-50G	GJ-50	230	55	18	16	9.7	10	60
NY-80G	GJ-80	295	80	24	18	12.2	12	100
NY-100G	GJ-100	315	80	26	20	13.7	13	110

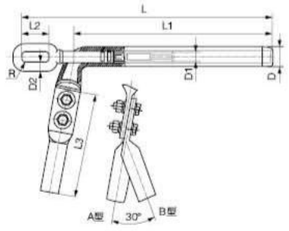
热镀锌钢制件。Hot-dip galvanized steel.

钢绞线用耐张线夹（焊接型）/Strain clamps for steel wire (welding type)



型号 Model	适应钢绞线直径 Dia.of steel wire(mm)	主要尺寸 Main dimensions (mm)							标称破坏载荷 Specified Failure Load (kN)
		L	L1	L2	D1	D2	d	R	
NY-35G	7.8	210	115	55	16	16	8.4	9	45
NY-50G	9.0	220	130	50	18	16	9.7	9	60
NY-55G	9.6	230	140	50	20	16	10.2	10	70
NY-70G	11.0	255	155	55	22	18	11.7	11	88
NY-80G	11.5	275	175	55	24	18	12.2	12	90
NY-100G	13.0	295	185	65	26	20	13.5	13	123
NY-120G	14.0	315	195	70	28	22	14.7	14	143
NY-135G	15.0	340	215	70	30	22	15.7	15	164
NY-150G	16.0	380	230	90	32	24	16.7	16	187

热镀锌钢制件。Hot-dip galvanized steel.



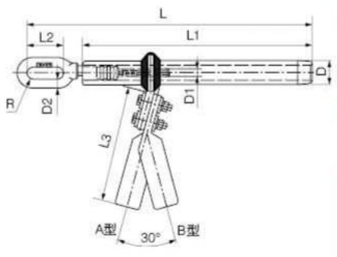
耐张线夹
Strain clamp

耐张线夹（液压型）/ Strain clamp (hydraulic type)

耐张线夹（钢锚整锻型）/ Strain clamp (Steel anchor welding type)

型号 Model	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)								握力 Grip (kN)
		L	L1	L2	L3	D	D1	D2	R	
NY-50/8	LGJ-50/8	355	250	55	190	26	12	16	10	16.1
NY-50/30	LGJ-50/30	405	300	55	190	30	14	16	10	40.5
NY-70/10	LGJ-70/10	385	280	55	200	26	12	16	10	22.3
NY-70/40	LGJ-70/40	455	350	55	200	32	18	16	10	55.4
NY-95/15	LGJ-95/15	385	280	55	205	26	14	16	10	33.3
NY-95/20	LGJ-95/20	385	280	55	205	26	14	16	10	35.4
NY-95/55	LGJ-95/55	485	380	55	205	34	20	18	11	74.2
NY-120/7	LGJ-120/7	385	280	55	205	30	12	16	10	26.2
NY-120/20	LGJ-120/20	405	300	55	205	30	14	16	10	39.0
NY-120/25	LGJ-120/25	425	320	55	205	30	14	16	10	45.5
NY-120/70	LGJ-120/70	535	420	65	215	36	22	18	11	93.5
NY-150/8	LGJ-150/8	400	295	55	210	30	12	16	10	31.3
NY-150/20	LGJ-150/20	425	320	55	210	30	14	16	10	44.3
NY-150/25	LGJ-150/25	435	330	55	210	30	14	16	10	51.4
NY-150/35	LGJ-150/35	455	350	55	210	30	16	16	10	61.8
NY-185/25	LGJ-185/25	455	350	55	230	32	14	16	10	56.5
NY-185/30	LGJ-185/30	455	350	55	230	32	16	16	10	61.1
NY-185/45	LGJ-185/45	475	370	55	230	32	18	18	11	76.2
NY-240/30	LGJ-240/30	495	390	55	230	36	16	18	11	71.9
NY-240/40	LGJ-240/40	495	390	55	250	36	16	18	11	79.2
NY-240/55	LGJ-240/55	540	420	65	250	36	20	20	12	97.0
NY-300/15	LGJ-300/15	485	380	55	250	40	14	16	10	64.7
NY-300/20	LGJ-300/20	495	390	55	265	40	14	18	11	71.9
NY-300/25	LGJ-300/25	505	400	55	265	40	14	18	11	79.3
NY-300/40	LGJ-300/40	525	420	55	265	40	16	18	11	87.6
NY-300/50	LGJ-300/50	550	430	65	265	40	18	20	12	98.3
NY-300/70	LGJ-300/70	585	460	70	265	42	22	22	13	121.6
NY-400/20	LGJ-400/20	545	440	55	270	45	14	18	11	84.4
NY-400/25	LGJ-400/25	545	440	55	270	45	14	18	11	91.2
NY-400/35	LGJ-400/35	560	440	65	270	45	16	20	12	98.7
NY-400/50	LGJ-400/50	585	460	70	270	45	20	22	13	117.3
NY-400/65	LGJ-400/65	608	480	70	270	48	22	22	13	128.5
NY-400/95	LGJ-400/95	663	520	80	270	48	26	24	15	162.8

通用设计型号 stable design Catalog No.	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)						握力 Grip (kN)
		L	L2	D	D1	D2	R	
NY-185/30	JL/G1A-185/30	450	65	32	16	16	10	61.3
NY-240/30	JL/G1A-240/30	490	65	36	16	18	11	71.4
NY-240/40	JUG1A-240/40	490	65	36	16	18	11	79.6
NY-300/25	JL/G1A-300/25	505	70	40	14	18	11	79.6
NY-300/40	JL/G1A-300/40	525	70	40	16	18	12	87.7
NY-400/35	JL/G1A-400/35	565	78	45	16	20	13	98.5
NY-400/50	JL/G1A-400/50	590	78	45	20	22	13	116.9



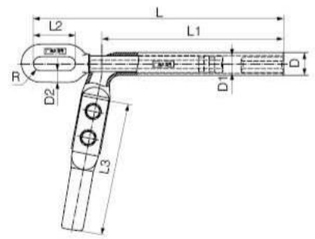
耐张线夹
Strain clamp

耐张线夹 (液压型)/ Strain clamp (hydraulic type)

耐张线夹 (钢锚整锻型)/ Strain clamp (Steel anchor welding type)

型号 Model	适应导线 Suitable Conductor	主要尺寸 Main Dimensions (mm)								握力 Grip (kN)
		L	L1	L2	L3	D	D1	D2	R	
NY–500/35	LGJ–500/35	590	480	70	260	52	16	22	13	113.6
NY–500/45	LGJ–500/45	590	480	70	260	52	18	22	13	121.7
NY–500/65	LGJ–500/65	620	510	70	260	52	22	22	13	146.3
NY–630/45	LGJ–630/45	610	490	80	290	60	18	22	15	141.3
NY–630/55	LGJ–630/55	635	510	80	290	60	20	24	15	156.2
NY–630/80	LGJ–630/80	675	550	80	290	60	24	24	15	183.3
NY–800/55	LGJ–800/55	725	580	100	335	65	20	26	17	182.0
NY–800/70	LGJ–800/70	775	630	100	335	65	22	26	17	196.7
NY–800/100	LGJ–800/100	775	630	100	335	65	26	26	17	229.0

通用设计型号 stable design Catalog No.	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)						握力 Grip (kN)
		L	L2	D	D1	D2	R	
NY–500/45	JL7G1A–500/45	680	78	52	18	22	13	120.9
NY–630/45	JL/G1A–630/45	705	80	60	18	22	15	142.9
NY–630/55	JUG1A–630/55	715	80	60	20	24	15	156.1



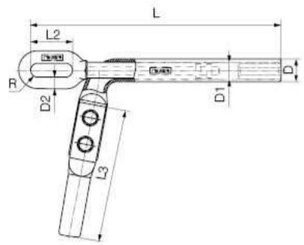
耐张线夹
Strain clamp

铝包钢绞线用耐张线夹 (液压型)/Strain clamps for A.S.stranded wire (hydraulic comperssion type)

耐张线夹 (钢锚整锻型)/ Strain clamp (Steel anchor welding type)

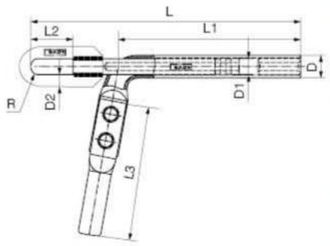
型号 Model	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)								握力 Grip (kN)	参考重量 Weight(kg) (kg)
		L	L1	L2	L3	D	D1	D2	R		
NY–35BG	JLB20A–35	325	230	55	200	32	18	16	10	35.3	1.92
NY–50BG	JLB20A–50	345	250	55	200	32	18	16	10	50.8	1.96
NY–65BG	JLB20A–65	390	285	65	210	36	22	18	11	65.5	2.71
NY–70BG	JLB20A–70	390	285	65	210	36	22	18	11	69.3	2.76
NY–80BG	JLB20A–80	435	325	65	210	36	24	18	11	76.0	3.15
NY–95BG	JLB20A–95	450	340	65	250	40	26	18	11	85.9	3.75
NY–100BG.1	JLB20A–100	465	340	78	250	40	28	20	13	103.5	4.34
NY–100BG.2	JLB30A–100	435	325	65	210	36	24	18	11	68.0	3.25
NY–120BG.1	JLB20A–120	465	340	78	250	42	30	22	13	124.3	5.00
NY–120BG.2	JLB30A–120	450	340	65	250	40	26	18	11	81.6	3.75
NY–150BG.1	JLB20A–150	535	390	85	260	45	32	24	15	151.8	6.62
NY–150BG.2	JLB30A–150	465	340	78	250	40	28	20	13	99.7	4.34
NY–185BG.1	JLB20A–185	575	435	85	260	48	34	24	15	117.6	7.92
NY–185BG.2	JLB30A–185	465	340	78	250	42	30	22	13	123.1	5.10

线夹本体和引流线夹为铝制件，其余为热镀锌钢制件。
The clamp body and jumper are aluminium，The other parts are hot–dip galvanized steel.



通用设计型号 stable design Catalog No.	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)						握力 Grip (kN)	参考重量 Weight(kg) (kg)
		L	L2	D	D1	D2	R		
NY–80BG–20	JLB20A–80	435	70	36	24	18	12	85.0	2.5
NY–80BG–35	JLB35–80	435	65	36	24	18	12	53.4	2.5
NY–80BG–40	JLB40–80	435	65	36	24	18	12	46.6	2.5
NY–100BG–20	JLB20A–100	455	80	38	26	20	12	116.0	3.7
NY–100BG–35	JLB35–100	435	70	38	26	20	12	68.1	3.2
NY–100BG–40	JLB40–100	435	70	38	26	20	12	59.6	2.9
NY–120BG–20	JLB20A–120	490	80	42	30	22	13	139.0	3.8
NY–120BG–35	JLB35–120	450	70	36	24	18	12	81.9	2.5
NY–120BG–40	JLB40–120	450	70	36	24	18	12	71.5	2.7
NY–150BG–20	JLB20A–150	460	80	45	32	26	16	170.0	7.3
NY–150BG–35	JLB35–150	445	80	38	26	18	12	100.0	3.2
NY–150BG–40	JLB40–150	445	70	38	26	18	12	87.4	3.2

线夹本体和引流线夹为铝制件，其余为热镀锌钢制件。
The clamp body and jumper are aluminium，The other parts are hot–dip galvanized steel.



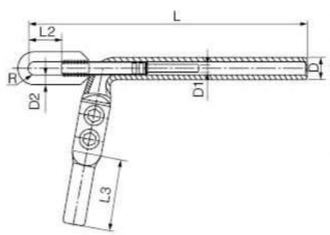
耐张线夹
Strain clamp

铝包钢绞线用耐张线夹 (液压型)/Strain clamps for A.S.stranded wire (hydraulic comperssion type)

耐张线夹 (钢锚整锻型)/ Strain clamp (Steel anchor welding type)

型号 Model	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)								握力 Grip (kN)	参考重量 Weight(kg) (kg)
		L	L1	L2	L3	D	D1	D2	R		
NY-35BG	JLB20A-35	350	230	55	200	32	18	16	10	35.3	1.92
NY-50BG	JLB20A-50	370	250	55	200	32	18	16	10	50.8	1.96
NY-65BG	JLB20A-65	415	285	65	210	36	22	18	11	65.5	2.71
NY-70BG	JLB20A-70	415	285	65	210	36	22	18	11	69.3	2.76
NY-80BG	JLB20A-80	460	325	65	210	36	24	18	12	76.0	3.15
NY-95BG	JLB20A-95	475	340	65	250	40	26	18	13	85.9	3.75
NY-100BG.1	JLB20A-100	500	340	78	250	40	28	20	14	103.5	4.34
NY-100BG.2	JLB30A-100	460	325	65	210	36	24	18	12	68.0	3.25
NY-120BG.1	JLB20A-120	500	340	78	250	42	30	22	15	124.3	5.00
NY-120BG.2	JLB30A-120	475	340	65	250	40	26	18	13	81.6	3.75
NY-150BG.1	JLB20A-150	580	390	85	260	45	32	24	16	151.8	6.62
NY-150BG.2	JLB30A-150	500	340	78	250	40	28	20	14	99.7	4.34
NY-185BG.1	JLB20A-185	620	435	85	260	48	34	24	17	117.6	7.92
NY-185BG.2	JLB30A-185	500	340	78	250	42	30	22	15	123.1	5.10

线夹本体和引流线夹为铝制件，其余为热镀锌钢制件。
The clamp body and jumper are aluminium，The other parts are hot-dip galvanized steel.



铝包钢芯铝绞线用耐张线夹 (液压型)
Strain clamp for ACSR/AS Conductor(hydraulic comperssion type)

型号 Model	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)							握力 Grip (kN)	参考重量 Weight(kg) (kg)
		L	L2	L3	D	D1	D2	R		
NY-70/40BG	ACSR/AS-70/40	480	50	220	34	16	16	9.0	57.8	0.4
NY-80/47BG	ACSR/AS-80/47	475	70	230	36	18	16	10.0	64.6	3.1
NY-95/55BG	ACSR/AS-95/55	486	65	230	36	20	18	11.0	74.0	2.9
NY-185/30BG	ACSR/AS-185/30	540	55	220	36	16	16	9.0	62.9	2.9
NY-240/40BG	ACSR/AS-240/40	595	65	240	38	18	18	12.0	81.6	3.3
NY-300/25BG	ACSR/AS-300/25	560	55	265	42	18	18	11.5	74.4	3.6
NY-300/40BG	ACSR/AS-300/40	615	70	265	42	18	18	13.0	90.0	3.8
NY-300/50BG	ACSR/AS-300/50	620	70	265	42	18	18	13.0	101.0	4.1
NY-300/70BG	ACSR/AS-300/70	625	70	265	42	22	22	13.0	117.8	4.4
NY-400/35BG	ACSR/AS-400/35	635	65	280	48	18	18	13.0	99.0	5.2
NY-400/50BG	ACSR/AS-400/50	645	65	280	48	20	20	13.0		5.2

线夹本体和引流线夹为铝制件，其余为热镀锌钢制件。
The clamp body and jumper are aluminium，The other parts are hot-dip galvanized steel.

NLL 系列螺栓型铝合金耐张线夹及绝缘罩
NLL series bolt type aluminum alloy strain clamp and insulation cover

用途 Application

NLL 系列螺栓型铝合金耐张线夹适用于 20kV 及以下架空线路中，在耐张杆上固定铝绞线或钢芯铝绞线，用于架空绝缘铝导线和绝缘罩配套使用，起绝缘防护作用。

NLL series aluminium alloy strain clamp(bolt type)is suitable for aerial line up to 20kV,fixing aluminium wire or steel core aluminium wire on the strain pole,aerial insulation aluminium conductor and insulation aluminium cover are being used together. It's action is insulation protection.

结构特点 /Structure Feature

- ◆ 夹体采用高强度铝合金制造；
- ◆ 外表光洁，使用寿命长；
- ◆ 安装使用方便；
- ◆ 无磁滞损耗，是节能认证产品。

- ◆ The body is made of high-strength aluminium alloy.
- ◆ Smooth surface long service life.
- ◆ Easy installation.
- ◆ No waste electric energy.

绝缘罩性能特点 /Insulation Cover Performance Feature

- ◆ 1-10kV 工频耐压：≥ 18kV，保压 1 分钟不击穿；
  20kV 工频耐压：≥ 30kV，保压 1 分钟不击穿；
- ◆ 绝缘电阻：$>1.0\times10^{14}\Omega$；
- ◆ 环境温度：-30℃ ~+90℃；
- ◆ 耐气候性能：经人工气候老化试验 1008 小时后性能良好 。

- ◆ 1-10kV withstand voltage: ≥ 18kV keep voltage one minute not breakdown;
  20kV withstand voltage: ≥ 30kV keep voltage one minute not breakdown;
- ◆ Insulation resistance: ≥ $11.0\times10^{14}\Omega$;
- ◆ Environment temperature: -30℃ ~+90℃ ;
- ◆ Weather proof performance: have good performanced after 1008 hours artifical climate aging test.


NLL-1A


NLL-2A


NLL-3A


NLL-4A









规格及技术参数 /Specification and Technical Data

型号 Model	适应导线直径 (含包缠物) Suitable Conductor Dia(mm)	主要尺寸 Main Dimensions (mm)		标称破坏载荷 Specified failure load(kN)
		M	C	
NLL-1A	5.0-10.0	16	18	40
NLL-2A	10.1-14.0	16	22	40
NLL-3A	14.1-18.0	16	26	70
NLL-4A	18.1-23.0	18	32	90



NXJG(L) 系列楔型绝缘耐张线夹
NXJG(L) Series Wedge Insulation Strain Clamp

用途 /Application

NXJG(L) 系列适用于 20kV 及以下架空绝缘铝芯线 (JKLYJ) 的终端或耐张段两端和绝缘子串一起，将架空绝缘导线固定和拉紧。产品按导线规格分别配有不同的塑料楔芯。

The NXJG(L) series is suitable for fixing and tensioning overhead insulated conductors together with insulator strings at the ends of the 20 kV or below overhead insulated aluminum core wire (JKLYJ) or the strain-resistant section. The products are equipped with different plastic wedge cores according to wire specifications.

结构特点 /Structural features

应用楔型自紧原理，当壳体内两个相对的内楔受导线牵拉产生滑移的同时，能向内靠拢加大对导线的握力，且该握力与导线的拉力成正比并持续存在，有效地避免了导线滑脱的发生，具有免维护的优点。
线夹外型为楔型设计，具有应力均匀、抗张力强、精巧美观等优点；壳体采用高强度、抗氧化铝合金压铸成型，无磁滞、涡流，具有节能的优点。
内楔为耐侯型绝缘增强工程塑料制造，施加交流耐压 45kV 保压 1 分钟不击穿和闪络；并采用了咬合式结构，整体性强，具有安装方便的优点。
拉板采用横向螺丝固定，能 360 度旋转，极大地方便了安装和储运；
电缆不需剥除绝缘层，即可直接安装；

Using the wedge-type self-tightening principle, when two opposite inner wedges in the housing are pulled by the wire to generate slipping, the gripping force on the wire can be increased inwards, and the gripping force is proportional to the pulling force of the wire and persists. It effectively avoids the occurrence of wire slipping and has the advantage of maintenance-free.
The clip is designed with a wedge shape, which has the advantages of uniform stress, strong anti-tension, delicate appearance, etc. The shell adopts high-strength, anti-oxidation aluminum alloy die-casting molding, no hysteresis, eddy current, and energy-saving advantages.
The inner wedge is made of weather-proof insulation-reinforced engineering plastics, and the AC withstand voltage of 45kV is applied for 1 minute to prevent breakdown and flashover; it adopts a snap-in structure, which has a strong integrity and is easy to install.
The pull plate is fixed by horizontal screws and can rotate 360 degrees, which greatly facilitates installation and storage.
The cable can be directly installed without stripping the insulation layer;





1-10kV 规格及技术参数 (挂板式)/1-10kV specifications and technical parameters (hanging plate type)

型号 Model	导线规格 Wire specification	架空绝缘铝导线 Overhead insulated aluminum wire/1kV		架空绝缘铝导线 Overhead insulated aluminum wire/10kV		握力 Grip (kN)	标称破坏载荷 Nominal breaking load (kN)
		导线外径 Wire outer diameter (mm)	选用楔芯 Wedge core	导线外径 Wire outer diameter (mm)	选用楔芯 Wedge core		
NXJG-1	35	9.8	1kV/35	15.8	10kV/35	3.4	7.4
	50	11.2	1kV/50	17.1	10kV/50	4.6	
NXJG-2	70	12.8	1kV/70	18.8	10kV/70	6.7	14.5
	95	14.8	1kV/90	20.4	10kV/95	9.0	
NXJG-3	120	16.2	1kV/120	21.8	10kV/120	11.3	22.1
	150	18.2	1kV/150	23.4	10kV/150	13.7	
NXJG-4	185	20.2	1kV/185	25.0	10kV/185	17.3	36.5
	240	22.8	1kV/240	27.2	10kV/240	22.6	

1-10kV 规格及技术参数 (拉杆式)/1-10kV specifications and technical parameters (drawbar type)

拉杆式型号 Pull rod type	导线规格 Wire specification	架空绝缘铝导线 Overhead insulated aluminum wire/1kV		架空绝缘铝导线 Overhead insulated aluminum wire/10kV		握力 Grip (kN)	标称破坏载荷 Nominal breaking load (kN)
		导线外径 Wire outer diameter (mm)	选用楔芯 Wedge core	导线外径 Wire outer diameter (mm)	选用楔芯 Wedge core		
NXJL-1	35	9.8	1kV/35	15.8	10kV/35	3.4	7.4
	50	11.2	1kV/50	17.1	10kV/50	4.6	
NXJL-2	70	12.8	1kV/70	18.8	10kV/70	6.7	14.5
	95	14.8	1kV/90	20.4	10kV/95	9.0	
NXJL-3	120	16.2	1kV/120	21.8	10kV/120	11.3	22.1
	150	18.2	1kV/150	23.4	10kV/150	13.7	
NXJL-4	185	20.2	1kV/185	25.0	10kV/185	17.3	36.5
	240	22.8	1kV/240	27.2	10kV/240	22.6	









JBC 系列穿刺线夹 (1kV/10kV)
JBC series puncture Clamps (1kV/10kV)

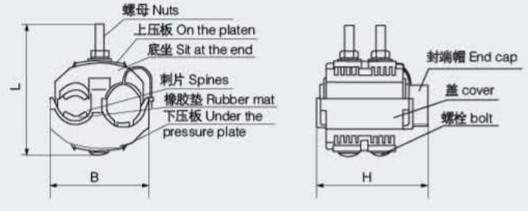
产品特点 /Product Feature

- ◆ 穿刺结构，使用专用安装工具，确保穿刺压力，安装方便；
- ◆ 结构密封，防腐蚀，使用寿命长；
- ◆ 接触电阻小，线夹温升低；
- ◆ 异径导线连接，适用范围广；
- ◆ 绝缘性能优良，1kV 耐电压大于 4kV，10kV 耐电压大于 18kV。
- ◆ Puncture structure，torque nut，to insure the puncture pressure.and it's easy to fix.
- ◆ Pressurized structure，corrosion protection，and have a longevity of service.
- ◆ Contact resistance is small，and the temperature of cord grip is low.
- ◆ It's connected with different pathway lead，and it's useful.
- ◆ Insulating property is wonderful，1kV withstand voltage is bigger than 4kV，10kV withstand voltage is bigger than 18kV.

规格及技术参数 /Specification and Technical Data

适用电压 Be applicable Voltage (kV)	型号 Model	主导线规格 Main wire	支导线规格 Branch wire	螺栓数量 Number of bolts	扭矩值 Torque value	主要尺寸 Dimensions(mm)		
						H	B	L
1kV	JBC15-25/1.5-10	1.5-25	1.5-10	1	13	45	27	60
	JBC16-70/4-15	16-70	4-25	1	25	52	52	85
	JBC16-70/16-70	16-70	16-70	1	25	52	52	85
	JBC16-95/4-35	16-95	4-35	1	25	60	45	85
	JBC25-95/25-95	25-95	25-95	2	25	65	56	85
	JBC50-120/16-50	50-120	16-50	1	25	56	54	85
	JBC50-120/50-120	50-120	50-120	1	25	60	54	85
	JBC50-150/6-35	50-150	6-35	1	25	60	45	85
	JBC50-150/50-150	50-150	50-150	2	25	67	58	95
	JBC95-240/95-240	95-240	95-240	2	25	77	67	95
	JBC120-240/25-120	120-240	25-120	2	25	67	63	95
	JBC120-240/70-120	120-240	70-120	2	25	78	60	95
	JBC120-240/120-240	120-240	120-240	2	25	80	64	95
10kV	JBC10-0	10-25	10-25	2	30	95	73	115
	JBC10-1	25-50	25-50	2	30	95	73	115
	JBC10-2	70-120	25-50	2	30	95	78	115
	JBC10-3	70-120	70-120	2	30	95	78	115
	JBC10-4	150-240	70-120	2	30	95	89	115
	JBC10-5	150-240	150-240	2	30	95	86	115
	JBC10-6	150-240	25-50	2	30	95	86	115

外形及尺寸图 /Shape and dimensions







JBCD 系列穿刺接地线夹
JBCD series puncture Clamps

用途 /Application

◆ 用于架空绝缘线路中电力线路的接地装置。
◆ 性能特点：
◇ 结构简单，安装方便（无需剥皮安装）
◇ 接地可靠
◇ 绝缘性能好

◆ Grounding for overhead lines insulated power line.
◆ Features:
◇ Simple structure, easy to install (installation without peeling)
◇ Reliable grounding
◇ Good insulation properties

规格及技术参数 /Specification and Technical Data

产品名称 Name	型号 Model	适用导线规格 Applicable wire size (mm^2)
穿刺接地线夹 Puncture grounding clamp	$JBCD_1$–35–120	1kV JKLYJ35–120
	$JBCD_1$–150–240	1kV JKLYJ150–240
	$JBCD_{10}$–25–95	10kV JKLYJ25–95
	$JBCD_{10}$–35–120	10kV JKLYJ35–120
	$JBCD_{10}$–50–185	10kV JKLYJ50–185
	$JBCD_{10}$–95–240	10kV JKLYJ95–240

图1
Figure1

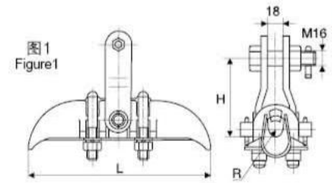
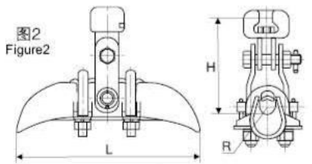
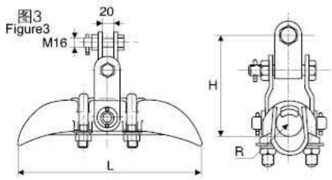


图2
Figure2



A型(带碗头)
Type A (with bowl head)

图3
Figure3



B型(带挂板)
Type A (With hanging board)

XGU 型
XGU type

规格及技术参数 Specifications and technical parameters

型号 Model	通用设计型号 Universal design Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	简图 Schematic	主要尺寸 Main dimensions (mm)			标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
				H	L	R		
XGU–1	XGZ–4009M	5.0–7.0	1	82	180	4.0	40	1.4
XGU–2	XGZ–4014M	7.1–13.0		82	200	7.0	40	1.8
XGU–3	XGZ–4022M	13.1–21.0		102	220	11.0	40	2.0
XGU–4	—	21.1–26.0		110	250	13.5	40	3.0
XGU–5A	—	23.0–33.0	2	157	300	17	70	5.7
XGU–5B	—	23.0–33.0	3	137	300	17	70	5.4
XGU–6A	—	34.0–45.0	2	163	300	23	70	6.1
XGU–6B	—	34.0–45.0	3	137	300	23	70	5.8

线夹本体和压板为可锻铸铁件，闭口销为不锈钢制件，其余为热镀锌钢制件。
The clamp body and the pressure plate are malleable cast iron parts, the closed pin is stainless steel parts, and the rest are hot–dip galvanized steel parts.

图1
Figure1

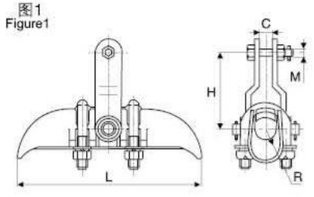


图2
Figure2

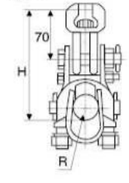
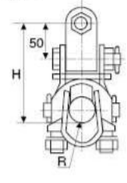


图3
Figure3

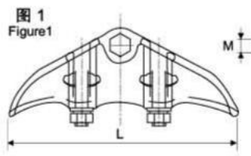


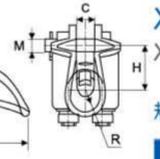
XGU–F 型（防磨型）
XGU–F type (anti–wear type)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	简图 Schematic	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
			H	L	R	C	M		
XGU–1F	5.0–7.0	1	82	180	4.0	18	16	40	1.6
XGU–2F	7.1–13.0		103	200	7.0	18	16	40	2.4
XGU–3F	13.1–21.0		121	220	11.0	18	16	40	2.5
XGU–4F	21.1–26.0		132	250	13.5	19	16	40	4.0
XGU–5F	23.0–33.0		140	300	17	20	18	60	4.5
XGU–6F	34.0–45.0		155	300	23	20	18	60	5.0
XGU–5AF	23.0–33.0	2	210	300	17	18	16	60	5.7
XGU–6AF	34.0–45.0		225	300	23	18	16	60	6.1
XGU–5BF	23.0–33.0	3	190	300	17	18	16	60	5.4
XGU–6BF	34.0–45.0		205	300	23	18	16	60	5.8
XGU–7BF	45.0–48.7		310	300	26	18	16	60	6.4

图 1
Figure1





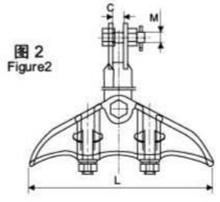
XGJ 型
XGJ type

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	简图 Schematic	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
			H	C	M	R	L		
XGJ–2	11– 13	1	52	19	18	8	300	100	4.4
XGJ–3	13.1–18.0	2	190	18	16	9	300	70	4.8
XGJ–4	21.1–23.0	2	190	18	16	11.5	300	70	4.9
XGJ–5	23–43	3	121	24	22	22	390	120	8.8
XGJ–5A	23.0 –43.0	3	180	24	22	22	476	120	9.1
XGJ–5B	23.0–43.0	3	180	24	24	22	476	160	13.4
XGJ–6.1	36.0 –43.0	4	410	38	27	22	900	200	70.0
XGJ–7.1	43.0 –50.0	4	410	38	36	25	1100	300	82.0

线夹本体和压板为可锻铸铁件，闭口销为不锈钢制件，其余热镀件钢制作。
The clamp body and the pressure plate are malleable cast iron parts, and the closed pin is made of stainless steel, and the remaining hot plated steel is made.

图 2
Figure2



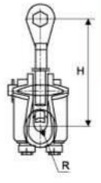
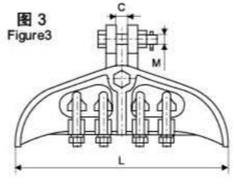


图 3
Figure3



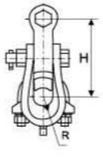
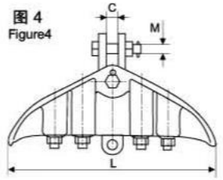
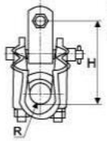


图 4
Figure4





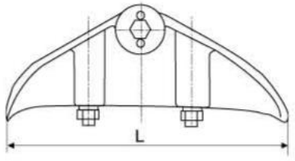


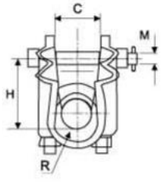
XGT 型
XGT type

规格及技术参数 Specifications and technical parameters

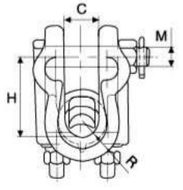
型号 Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
		H	C	M	R	L		
XGT–1	5.0 –7.0	60	18	18	4.0	180	40	3.3
XGT–2	7.1–13.0	75	18	18	7.0	200	40	4.9
XGT–3	13.1–21.0	75	27	16	11.0	220	40	5.6
XGT–4	21.1–26.0	75	27	16	13.5	250	60	6.5
XGT–5	23.0–33.0	81	38	16	17	300	60	8.7
XGT–6	34.0 –45.0	89	46	16	23	300	60	9.8

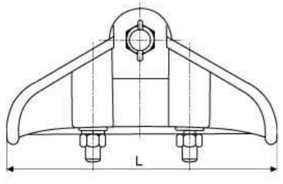
线夹本体和压板为可锻铸铁件，闭口销为不锈钢制件，其余热镀锌钢制件。
The clamp body and the pressure plate are malleable cast iron parts, and the closed pin is made of stainless steel and the rest are hot–dip galvanized steel parts.











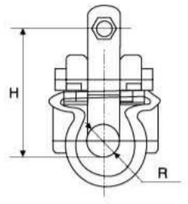
XGH 型
XGH type

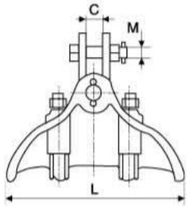
规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
		H	C	M	R	L		
XGH–2	5.1–12.5	55	17	16	7.0	170	40	0.71
XGH–3	12.4–18.5	62	22	16	10.5	180	50	1.14
XGH–4	17.8–26.0	62	29	16	13.5	203	50	1.1
XGH–5	23.0–32.0	68	35	16	15	216	60	3.0
XGH–6	25.0–35.0	68	35	16	17.5	216	60	3.6
XGH–7	30.0–45.0	85	47.5	16	23.0	245	70	2.83

线夹本体和压板为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。
The clamp body and pressure plate are aluminum alloy parts, the closed pin is stainless steel parts, and the rest are hot–dip galvanized steel parts.







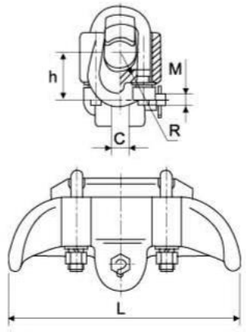
XGF (下垂式 500kV 线路用)
XGF (for sagging 500kV lines)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
		H	C	M	R	L		
XGF–4X	19.6–28	144	20	16	14	280	60	3.0
XGF–5X	24.2–33	147	20	16	17	300	70	3.55
XGF–6X	34.0–45.0	168	20	18	23	300	90	4.1
XGF–7X	40.0–52.0	182	20	18	27	350	100	5.36

线夹本体和压板为铝合金件，闭口销为不锈钢制件，其余为热镀锌钢制件。
The clamp body and pressure plate are aluminum alloy parts, the closed pin is stainless steel parts, and the rest are hot–dip galvanized steel parts....





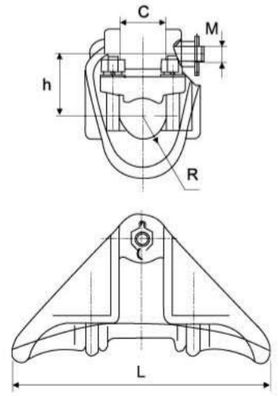
XGF–K(上扛式 500kV 线路用)

XGF–K (for the upper 500kV line)

规格及技术参数 Specifications and technical parameters

型号 Model	通用设计型号 Universal design Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
			L	C	M	h	R		
XGF–5K	XGKB–6034	24.2–33	300	24	16	55	17	60	2.38
—	XGKB–6040	32–39	330	24	16	60	20	60	3.6
—	XGKB–6046	37–45	360	24	16	65	23	60	4.2

线夹本体和压板为可锻铸铁件，闭口销为不锈钢制作，其余热镀件钢制作。
The clamp body and the pressure plate are malleable cast iron parts, and the closed pin is made of stainless steel, and the remaining hot plated steel is made.



XGF–9X/GH 与 UB–9–1 配装
XGF–12X/GH 与 ZBS–12–1 配装
XGF–15X/GH 与 ZBS–15–1 配装

XGF–9X/GH and UB–9–1 equipped
XGF–12X/GH and ZBS–12–1 equipped
XGF–15X/GH and ZBS–15–1 equipped

XGF–GH 型 (高海拔 500kV 线路用)

XGF–GH type (for high altitude 500kV line)

规格及技术参数 Specifications and technical parameters

型号 Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
		C	M	h	R	L		
XGF–5X/GH	24.0–33.0	34	16	68	17	300	70	3.55
XGF–9X/GH	35.0–44.0	48	18	70	22	300	90	4.6
XGF–12X/GH	35.0–44.0	48	22	70	22	300	120	4.7
XGF–15X/GH	35.0–44.0	48	24	72	22	300	150	4.9

线夹本体和压板为铝合金，闭口销为不锈钢制件，其余为热镀锌钢制件。
The clamp body and the pressure plate are made of aluminum alloy, the closed pin is made of stainless steel and the rest are hot–dip galvanized steel parts.



XGA、XGB、XGC 提包式悬垂线夹

XGA, XGB, XGC bag type pendant clamp

规格及技术参数 Specifications and technical parameters

图 1
Figure1

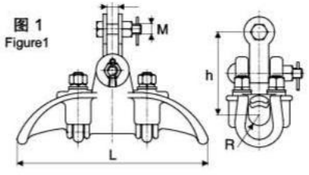
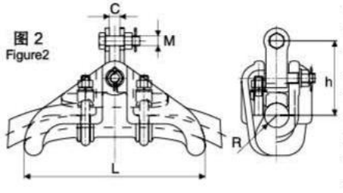


图 2
Figure2



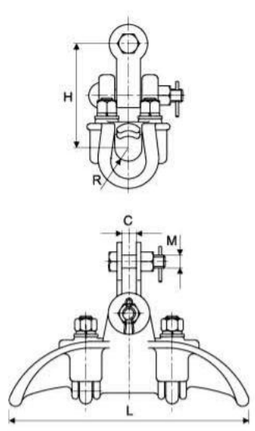
通用设计型号 Universal design Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	简图 Schematic	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
			L	C	M	h	R		
XGA–6034	27–33	1	300	20	16	130	17	60	4.5
XGA–6040	32–39		330	20	16	135	20	60	5.8
XGA–6046	37–45		360	20	16	135	23	60	6.2
XGA–6054	43–53		420	22	18	150	27	100	9.5
XGA–10040	32–39		330	22	18	140	20	100	6.0
XGA–10046	37–45		360	22	18	145	23	100	6.2
XGA–10054	43–53		420	22	18	150	27	100	9.5
XGB–6034	27–33		300	20	16	130	17	60	4.5
XGB–6040	32–39		330	20	16	135	20	60	5.8
XGB–6046	37–45		360	20	16	135	23	60	6.2
XGB–8034	27–33		300	20	16	135	17	80	4.5
XGB–8040	32–39		330	20	16	140	20	80	5.8
XGB–8046	37–45		360	20	16	140	23	80	6.2
XGB–10046	37–45		360	22	18	145	23	100	6.0
XGB–10054	43–53		420	22	18	150	27	100	9.5
XGB–12046	37–45		360	24	22	145	23	120	7.5
XGB–12054	43–53		420	24	22	150	27	120	9.5
XGB–16046	37–45		360	24	24	160	23	160	7.5
XGB–16054	43–53	2	420	24	24	165	27	160	9.5
XGC–8034	27–33		300	22	16	135	17	80	5.1
XGC–8040	32–39		340	22	16	140	20	80	6.0
XGC–8046	37–45		360	22	16	140	23	80	6.5
XGC–10034	27–33		300	22	18	135	17	100	5.5
XGC–10040	32–39		340	22	18	140	20	100	6.5
XGC–10046	37–45		360	22	18	145	23	100	7.2



XG 提包式悬垂线夹

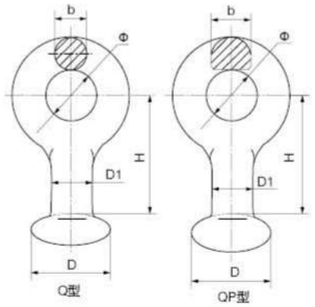
XG bag pendant clamp

规格及技术参数 Specifications and technical parameters



通用设计型号 Universal design Model	适用导线范围 (mm) 含包缠物 Applicable wire range (mm) with wrap	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal destruction load (kN)	参考重量 Weight(kg) (kg)
		L	M	C	H	R		
XG–4022	13.2–22.0	210	16	20	120	11	40	2.9
XG–4028	19.6–28.0	250	16	20	130	14	40	3.5
XG–4034	27.4–34.0	280	16	20	130	17	40	4.0
XG–6028	19.6–28.0	250	16	20	130	14	60	3.5
XG–6034	27.4–34.0	300	16	20	130	17	60	4.0
XG–6040	32.0–40.0	300	16	20	135	20	60	4.8
XG–6046	36.8–46.0	330	16	20	135	23	60	5.4
XG–8034	27.4–34.0	300	16	20	130	17	80	4.8
XG–8040	32.0–40.0	300	16	20	140	20	80	5.0
XG–8046	36.8–46.0	330	16	20	140	23	80	5.8
XG–8054	43.2–54.0	345	16	20	150	27	80	7.0

线夹本体和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 clamp body and the pressure plate are made of stainless steel parts for closed pins of aluminum alloy parts, and the rest are hot–dip galvanized steel parts.

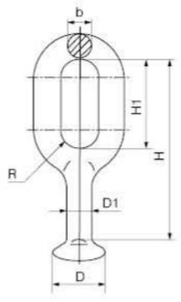


球头挂环
Ball eyes

球头挂环 /Ball eyes

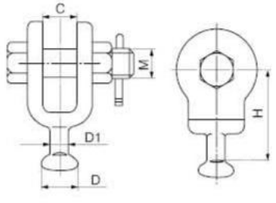
通用设计型号 stable design Catalog No.	型号 Catalog No.	主要尺寸 Main dimensions (mm)					连接标记 Designated size of coupling	握力 Grip Strength (kN)	参考重量 Weight(kg) (kg)
		Φ	b	H	D	D1			
	Q-7	22	16	50	33.3	17	16	70	0.3
	QP-7	20	16	50	33.3	17	16	70	0.3
	QP-10	20	16	50	33.3	17	16	100	0.3
	QP-12	24	16	60	33.3	17	16	120	0.5
	QP-12G	24	17	60	33.3	17	16	120	0.4
	QP-16	26	20	60	41.0	21	20	160	0.5
	QP-20	26	18	80	49.0	25	24	200	1.0
	QP-21D	30	24	70	41.0	21	20	210	0.9
	QP-30	39	28	80	49.0	25	24	300	1.1
QP-0750		20	16	50	33.3	17	16	70	0.3
QP-1050		20	16	50	33.3	17	16	100	0.3
QP-1260		24	16	60	33.3	17	16	120	0.4
QP-1660		26	18	60	41.0	21	20	160	0.5
QP-2180		26	20	80	41.0	21	20	210	0.7
QP-2580		30	24	80	49.0	25	24	250	1.0
QP-3280		33	28	80	49.0	25	24	320	1.2

热镀锌钢制件。Hot-dip galvanized steel.



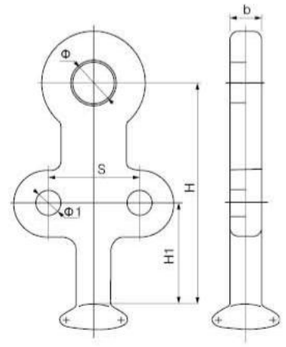
通用设计型号 stable design Catalog No.	适应导线 Suitable Conductor	主要尺寸 Main dimensions (mm)						连接标记 Designated size of coupling	握力 Grip Strength (kN)	参考重量 Weight(kg) (kg)
		R	b	H	H1	D	D1			
	QH-7	12	16	100	57	33.3	17	16	70	0.6
	QH-10	12	16	110	60	33.3	17	16	100	1.1
	QH-12	11	19	90	45	33.3	17	16	120	1.1
	QH-16	13	18	127	80	41.0	21	20	160	1.3
	QH-21	16	20	150	80	41.0	21	20	210	1.3
	QH-30	17	22	150	98	49.0	25	24	300	1.7
QH-07100		12	16	100	57	33.3	17	16	70	0.6

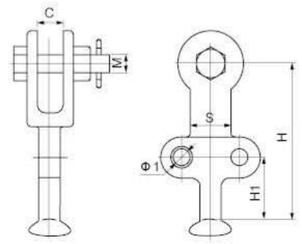
热镀锌钢制件。Hot-dip galvanized steel.



通用设计型号 stable design Catalog No.	适应导线 Suitable Conductor	主要尺寸 Main Dimensions					连接标记 Designated size of coupling	握力 Grip Strength (kN)	参考重量 Weight(kg) (kg)
		C	M	H	D1	D			
	Q-7U	20	16	75	17	33.3	16	70	0.56
	Q-12U	22	22	94	17	33.3	16	120	0.85
QS-0775		20	16	75	17	33.3	16	70	0.9
QS-1075		22	18	75	17	33.3	16	100	0.9
QS-1275		20	22	75	17	33.3	16	120	1.0
QS-1680		22	24	80	21	41.0	20	160	1.2

闭口销为不锈钢件，其余为热镀锌钢制件。The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.





球头挂环
Ball eyes

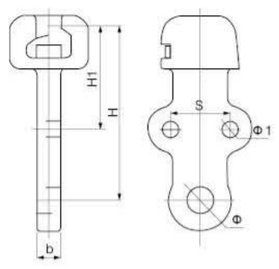
球头挂环 /Ball eyes

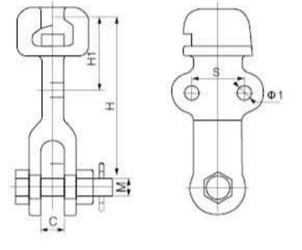
通用设计型号 stable design Catalog No.	主要尺寸 Main dimensions (mm)						适用绝缘子 Suitable insulator	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	Φ1	Φ	b	H1	H	S			
QPJ-07100	13	20	16	50	110	45	16	70	0.8
QPJ-10110	13	20	16	50	110	45	16	100	0.9
QPJ-12110	13	24	16	50	110	45	16	120	0.9

热镀锌钢制件。Hot-dip galvanized steel.

通用设计型号 stable design Catalog No.	主要尺寸 Main dimensions (mm)						适用绝缘子 Suitable insulator	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	M	Φ1	H1	H	S			
QSJ-07125	20	16	13	50	125	45	16	70	1.0
QSJ-10125	20	18	13	50	125	45	16	100	1.1
QSJ-12125	20	22	13	50	125	45	16	120	1.2

热镀锌钢制件。Hot-dip galvanized steel.





碗头挂板
Socket clevis

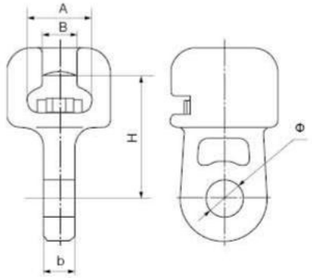
碗头挂板 /Socket clevis

通用设计型号 stable design Catalog No.	主要尺寸 Main dimensions (mm)						适用绝缘子 Suitable insulator	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	b	H	H1	Φ	Φ1	S			
WJ-07135	16	135	80	20	13	45	16	70	1.5
WJ-10135	16	135	80	20	13	45	16	100	1.5
WJ-12135	16	145	80	24	13	45	16	120	1.6

碗头挂板为可锻铸铁，钢制件或者锻制件，钢制件热镀锌。W 型锁紧销为钢或不锈钢件。
The bowl head hanging board is malleable iron, steel parts or forged parts, hot dip galvanized steel parts. W type lock pin is bronze or stainless steel.

通用设计型号 stable design Catalog No.	主要尺寸 Main dimensions (mm)						适用绝缘子 Suitable insulator	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	M	Φ1	H	H1	S			
WSJ-07145	20	16	13	50	125	45	16	70	1.9
WSJ-10145	20	18	13	50	125	45	16	100	2.0
WSJ-12160	20	22	13	50	125	45	16	120	2.2

碗头挂板为可锻铸铁，钢制件或者锻制件，钢制件热镀锌。W 型锁紧销为钢或不锈钢件。
The bowl head hanging board is malleable iron, steel parts or forged parts, hot dip galvanized steel parts. W type lock pin is bronze or stainless steel.

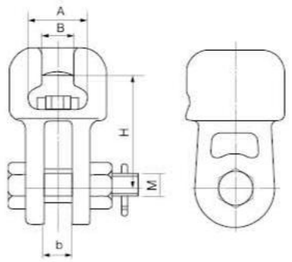


碗头挂板
Socket clevis

碗头挂板 /Socket clevis

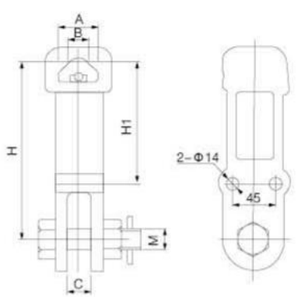
通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)					连接标记 Designated size of coupling	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		Φ	b	H	A	B			
	W-7A	20	16	70	34.5	19.2	16	70	0.80
	W-7B	20	16	115	34.5	19.2	16	70	00.92
	W_1-10	20	18	85	34.5	19.2	16	100	0.90
	W_1-12	24	20	85	34.5	19.2	16	120	1.30
	W-30	39	32	110	51.0	27.5	24	300	3.50
W-0770		20	16	70	34.5	19.2	16	70	0.80
W-07115		20	16	115	34.5	19.2	16	70	1.00
W-1085		20	16	85	34.5	19.2	16	100	1.10
W-1290		24	16	90	34.5	19.2	16	120	1.30
W-1695		26	18	95	42.5	23.0	20	160	1.90
W-32110		33	28	110	51.0	27.5	24	320	4.20

碗头挂板为可锻铸铁或者锻制件，钢制件热镀锌。W 型锁紧销为钢或不锈钢件。
Clevis is malleable iron or forging, hot dip galvanized steel. W type lock pin bronze or stainless steel.



通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)					连接标记 Designated size of coupling	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		C	H	M	A	B			
	WS-7	20	70	16	34.5	19.2	16	70	0.97
	WS-10	20	85	18	34.5	19.2	16	100	1.70
	WS-12	24	85	22	34.5	19.2	16	120	3.81
	WS-16	26	95	24	42.5	23.0	20	160	2.60
	WS-21	30	100	27	51.0	27.5	24	210	4.30
	WS-20D	30	100	27	42.5	23.0	20	200	4.30
	WS-30	36	110	36	51.0	27.5	24	320	5.70
WS-0770		20	70	16	34.5	19.2	16	70	0.97
WS-1085		20	85	18	34.5	19.2	16	100	1.70
WS-1290		20	90	22	34.5	19.2	16	120	1.70
WS-1695		22	95	24	42.5	23.0	20	160	2.60
WS-21100		24	100	24	42.5	23.0	20	210	3.80
WS-25100		28	100	27	51.0	27.5	24	250	4.30
WS-32110		32	110	30	51.0	27.5	24	320	5.70

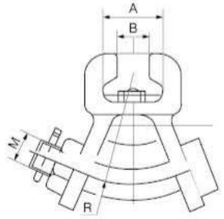
W1-7k 碗头挂板为可锻铸铁，W-12k 为铸钢件，热镀锌。W 型锁紧销为钢或不锈钢件。
W1-7k socket eye is malleable iron，W1-12k is casting steel，the security clips are bronze or stainless steel.All ferrous parts are Hot-dip galvanized.



碗头挂板 (加长 ws 型)/Socket clevis(Type Ws)

型号 Model	主要尺寸 Main dimensions (mm)						连接标记 Designated size of coupling	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	H	M	H1	A	B			
WS-7AG	18	105	16	51.5	34.5	19.2	16	70	2.1
WS-16A	26	195	24	135.5	42.5	23.0	20	160	4.3
WS-21B	30	195	27	95.0	42.5	23.0	20	210	4.7

碗头挂板为可锻铸铁或锻制件，W 型锁紧销为钢或不锈钢件，闭口销为不锈钢件，钢铁制件热镀锌。
The socket-clevis eye are malleableiron orcastingsteel.these curity clips are bronze or stainless steel.cotter pins are stainless.ferrous parts are are Hot-dip galvanized.

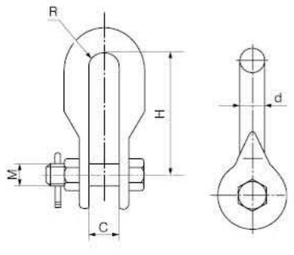


碗头挂板
Socket clevis

碗头挂板 /Socket clevis

型号 Model	主要尺寸 Main dimensions (mm)				连接标记 Designated size of coupling	标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	R	M	A	B			
WSY-21	100	27	42.5	23.0	20	210	4.1
WSY-30	110	30	51.0	27.5	24	300	4.9

碗头挂板为可锻铸铁或锻制件，W 型锁紧销为钢或不锈钢件，闭口销为不锈钢件，钢铁制件热镀锌。
The socket-clevis eye are malleableiron orcastingsteel.these curity clips are bronze or stainless steel.cotter pins are stainless.ferrous parts are are Hot-dip galvanized.

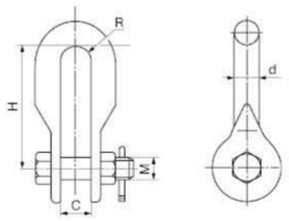


U 型挂环
Shackle

U 型挂环 /Shackle

通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		C	M	d	H	R		
	U-7	20	16	16	80	10	70	0.44
	U-10	22	18	18	85	11	100	0.54
	U-12	24	22	20	90	12	120	0.96
	U-16	26	24	22	95	13	160	1.47
	U-21	30	27	24	100	15	210	2.20
	U-25	34	30	26	110	17	250	2.79
	U-30	38	36	30	130	19	300	3.75
U-0770		20	16	16	70	10	70	0.50
U-1085		20	18	16	85	10	100	0.60
U-1290		22	22	18	90	11	120	1.00
U-1695		24	24	20	95	12	160	1.50
U-21100		24	24	20	100	12	210	1.80
U-25110		28	27	24	110	14	250	2.10
U-32130		36	32	28	130	18	320	3.00
UK-0770		24	16	16	70	12	70	0.50
UK-1085		26	18	16	85	13	100	0.60
UK-1290		26	22	18	90	13	120	1.10
UK-1695		28	24	20	95	14	160	1.50
UK-21100		30	24	20	100	15	210	1.80
UK-32130		36	30	28	130	18	320	3.40
UK-0770T		28	16	16	70	12	70	0.50
UK-1290T		28	22	18	90	13	120	1.10

闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.

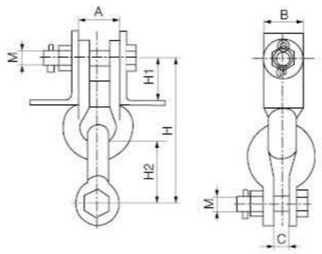


U 型挂环
Shackle

U 型挂环 /Shackle

型号 Model	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	M	d	H	R		
UF-7	20	16	16	60	10	70	0.50
UF-10	22	18	18	70	11	100	0.54
UF-12	24	22	20	80	12	120	0.96
UF-16	26	24	22	90	13	160	1.47
UF-20	30	27	24	100	15	200	2.20
UF-25	34	30	26	110	17	250	2.79
UF-30	38	36	30	130	19	300	3.70
UF-40	42	42	36	150	21	400	7.00
UF-50	44	42	36	150	22	500	7.00

闭口销为不锈钢件，其余为热镀锌钢制件。The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.

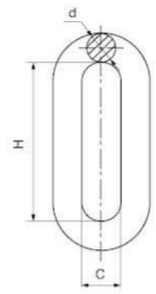


加强型 U 型挂环 /Stremgthened Shackle

型号 Model	主要尺寸 Main Dimensions							标称破坏载荷 Specified Failure Load (kN)
	C	M	H	H1	H2	A	B	
U-16J	30	24	195	75	87	60	60	160
U-20J	30	27	230	75	110	60	60	200
U-40J	44	42	323	125	120	70	108	400

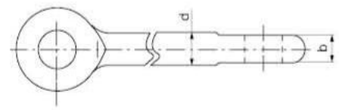
闭口销为不锈钢件，其余为热镀锌钢制件。The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.

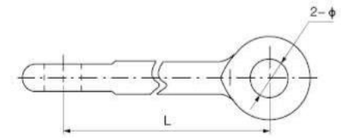
延长环（环体整煅）
Extension ring(ring monoblock forging)



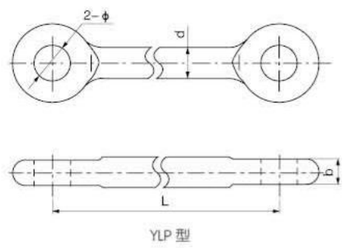
通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)			标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		C	d	L		
	PH-7	20	16	80	70	0.4
	PH-10	22	18	100	100	0.6
	PH-12	24	20	120	120	0.9
	PH-16	26	22	140	160	1.5
	PH-21	30	24	160	210	1.6
	PH-25	34	26	160	250	2.0
	PH-30	38	30	180	300	3.0
PH-0780		20	16	80	70	0.4
PH-10100		22	16	100	100	0.5
PH-12120		24	18	120	120	0.9
PH-16120		26	20	120	160	0.9
PH-21130		26	20	130	210	1.0
PH-25120		32	24	120	250	1.3
PH-32140		36	28	140	320	2.0

热镀锌钢制件。Hot-dip galvanized steel.





YL 型



YLP 型

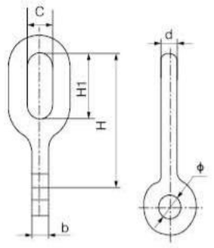
延长拉杆
Extension rods

规格及技术参数 Specifications and technical parameters

通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		Φ	d	L	b		
	YL-1012	20	18	120	16	100	0.8
	YL-1040	20	18	400	16	100	1.1
	YL-1050	20	18	500	16	100	1.4
	YL-1066	20	18	660	16	100	1.7
	YL-1069	20	18	690	16	100	1.9
	YL-1243	24	22	430	18	120	1.6
	YL-1640	26	22	400	18	160	1.6
	YL-1643	26	22	430	18	160	1.6
	YL-1655	26	22	550	18	160	2.5
	YL-1657	26	22	570	18	160	2.7
	YL-2043	30	24	430	20	200	3.0
	YL-2155	30	26	550	20	210	3.1
	YL-2165	30	26	650	20	210	3.1
YL-07430		18	18	430	16	70	1.5

型号 Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	Φ	d	L	b		
YLP-16260	26	24	260	20	160	1.6
YLP-16850	26	24	850	20	160	3.7
YLP-16910	26	24	910	20	160	3.9
YLP-16970	26	24	970	20	160	4.1
YLP-16990	26	24	990	20	160	4.3
YLP-25855	33	30	855	30	250	6.2
YLP-25915	33	30	915	30	250	6.6
YLP-25935	33	30	935	30	250	6.7

热镀锌钢制件。
Hot-dip galvanized steel.



直角挂环
Eye chain links

规格及技术参数 Specifications and technical parameters

通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)						标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		d	b	c	Φ	H1	H		
	ZH-7	16	16	24	20	57	100	70	0.85
	ZH-10	16	16	20	20	57	100	100	1.12
	ZH-12	18	16	22	24	65	115	120	1.20
	ZH-16	22	18	26	26	75	135	160	1.80
	ZH-21	24	26	30	30	75	150	210	2.30
ZH-07100		16	16	24	20	57	95	70	0.90
ZK-10100		16	16	24	20	57	95	100	1.00
ZH-12115		18	16	22	24	65	115	120	1.10

热镀锌钢制件。Hot-dip galvanized steel.





挂板
Clevise

Z 型挂板 / Z Clevises

型号 Model	通用设计型号 stable design Catalog No.	简图 Fig	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
			C1	C2	M	M1	H		
Z–7	Z–0780	1	20	20	16	16	80	70	0.7
–	Z–07/10–80		20	20	16	18	80	70	0.7
Z–10	Z–1080		20	20	18	18	100	100	0.92
–	Z–10/1Z–100		20	24	18	22	100	100	1.2
Z–12	Z–12100		20	24	22	22	100	120	1.3
–	Z–12/16–100		24	26	22	24	100	120	2.8
–	Z–1690		26	26	24	24	90	160	2.5
Z–16	Z–16100		26	26	24	24	100	160	2.9
Z–21	–		30	30	27	27	120	210	3.27
Z–21S	Z–2190		26	26	24	24	90	210	3.4
–	Z–21100		26	26	24	24	100	210	3.4
Z–25	–		34	34	30	30	120	250	6.0
–	Z–25110		28	30	27	27	110	250	3.8
–	Z–32135	2	32	32	30	30	135	320	8.0
Z–42S	Z–42150		36	36	36	36	150	420	8.4
–	Z–64180		40	40	42	42	180	640	19.4
–	Z–84180		44	44	48	48	180	840	19.8

闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot–dip galvanized steel.

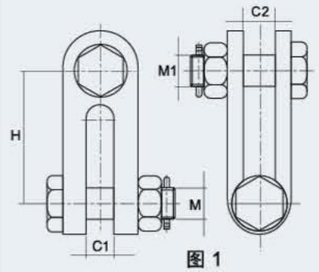


图 1
Figure1

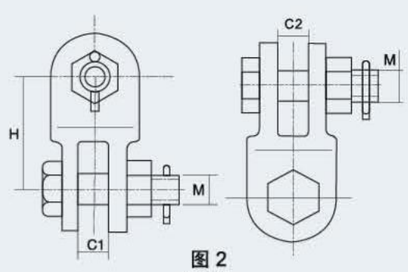
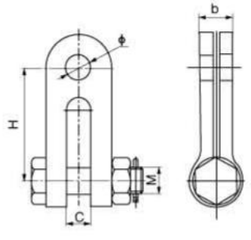


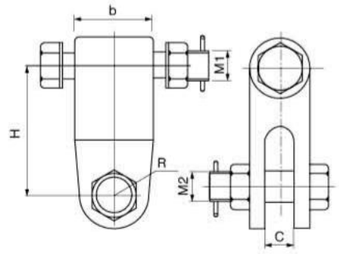
图 2
Figure2

挂板 /Clevise



通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		C	b	M	Φ	H		
	ZS–7	18	16	16	20	80	70	0.60
	ZS–10	20	18	18	20	80	100	0.90
	ZS–12	22	22	22	24	80	120	1.00
	ZS–16	26	24	24	26	90	160	1.90
	ZS–25	33	30	30	33	120	250	4.33
ZS–0780		18	16	16	20	80	70	0.60
ZS–1080		20	18	18	20	80	100	0.90

闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot–dip galvanized steel.

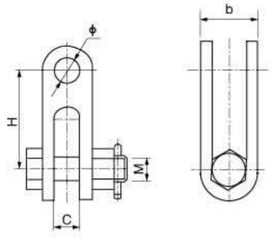


挂板
Clevise

ZBS 挂板 /ZBS Clevise

型号 Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	M1	M2	H		
ZBS–07/10–80	20	18	16	80	70	2.5
ZBS–10/12–100	20	22	18	100	100	3.6
ZBS–12/16–100	20	24	22	100	120	3.9
ZBS–16/21–100	22	24	24	100	160	4.0
ZBS–21/42–100	24	36	24	100	210	8.0
ZBS–25/42–100	28	36	27	100	250	8.5
ZBS–32/42–100	32	36	30	100	320	9.2

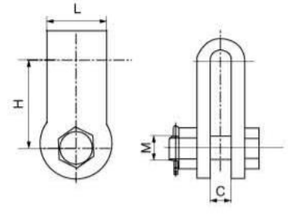
闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot–dip galvanized steel.



挂板 (ZBS 型悬垂用)/Clevise (For ZBS type suspension)

通用设计型号 stable design Catalog No.	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	b	Φ	M	H		
ZBS–6–1	22	30	18	16	70	70	1.8
ZBS–12–1	28	44	24	18	85	120	3.8
ZBS–15–1	28	44	26	18	85	150	4.1

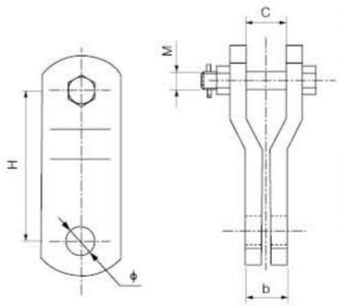
闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot–dip galvanized steel.



挂板 (UB 型悬垂用)/Clevise (For UB type suspension)

型号 Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	M	H	L		
UB–6–1	20	16	65	30	70	0.82
UB–9–1	20	18	65	40	100	1.20
UB–7G	20	16	65	40	70	0.80

闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot–dip galvanized steel.

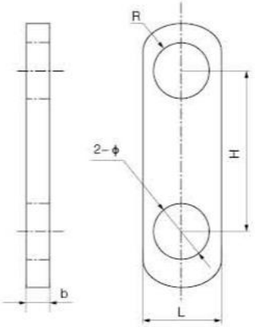


挂板
Clevise

挂板 /Clevise

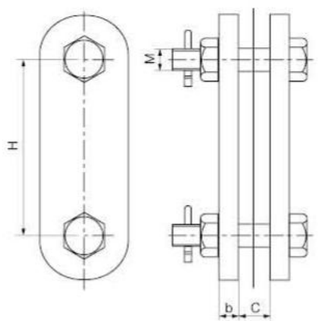
通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		C	b	M	Φ	H		
	PS-7	20	16	16	20	90	70	0.60
	PS-10	20	20	18	20	90	100	0.80
	PS-12	20	20	22	24	95	120	1.50
	PS-16	26	24	24	26	155	160	2.70
	PS-30	38	34	36	39	140	300	5.30
PS-0790		20	16	16	18	90	70	0.60
PS-10100		20	18	18	20	100	100	0.80

闭口销为不锈钢件，其余为热镀锌钢制件。The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.



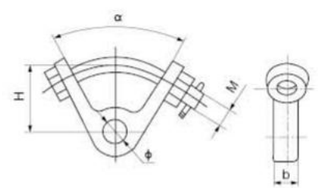
型号 08 国际 Catalog No.	97 定型 97Catalog No.	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		Φ	H	b	L	R		
	PD-7	18	70	16	40	22	70	0.57
	PD-10	20	80	16	45	24	100	0.86
	PD-12	24	100	16	50	26	120	1.05
	PD-16	26	100	18	60	32	160	1.28
	PD-20	30	120	26	72	36	200	2.50
PD-0770		18	70	16	40	22	70	0.57
PD-1080		20	80	16	45	24	100	0.86
PD-12100		24	100	16	50	26	120	1.05

热镀锌钢制件。Hot-dip galvanized steel.



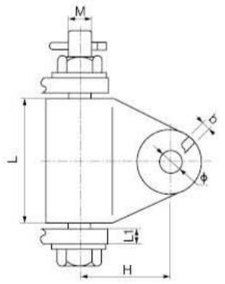
通用设计型号 stable design Catalog No.	型号 Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		C	b	M	H		
	P-7	18	6	16	70	70	0.60
	P-10	20	8	18	80	100	0.85
	P-12	24	10	22	90	120	1.52
	P-16	26	12	24	100	160	2.89
	P-21	30	14	27	120	210	4.10
	P-25	34	16	30	120	250	5.20
	P-30	38	16	36	120	300	5.20
P-0770		20	6	16	70	70	0.60
P-1080		20	8	18	80	100	0.90
P-1290		20	10	22	90	120	1.50
P-16100		22	12	24	100	160	2.40
P-21100		24	14	24	100	210	2.70
P-25120		28	16	27	120	250	4.20
P-32120		32	16	30	120	250	4.40

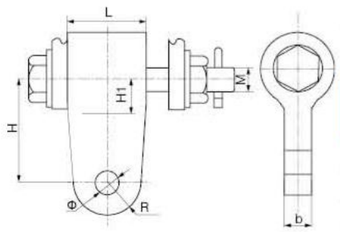
闭口销为不锈钢件，其余为热镀锌钢制件。The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.



型号 Model	主要尺寸 Main dimensions (mm)					标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	b	Φ	M	H	α		
V-7	40	18	20	75	60°	70	1.8
VD-7	28	18	20	75	60°	70	1.4

闭口销为不锈钢件，其余为热镀锌钢制件。The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.





挂板
Clevise

联塔挂板 /Joint hung plate

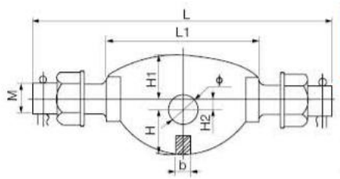
型号 Model	主要尺寸 Main dimensions (mm)						标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	b	Φ	H	M	L	L1		
LT-16	18	26	100	24	80	20	160	3.5
LT-30	32	39	100	36	80	25	300	6.8
EB-50D	34	39	125	36	116	25	500	13.0
EB-70	38	45	125	42	136	26	700	14.4
EB-70A	38	45	150	64	195	30	700	29.9
EB-70B	42	51	150	64	195	30	700	29.7
EB-70C	38	45	125	42	116	28	700	13.3

通用设计型号 stable design Catalog No.	主要尺寸 Main dimensions (mm)							标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	L	H	H1	Φ	R	M	b		
EB-07/10 – 80	45	80	23	18	22	18	16	70	1.7
EB-10/12-100	60	100	46	20	24	22	16	100	2.0
EB-12/16-100	60	100	48	24	30	24	16	120	3.0
EB-16/21 –100	80	100	48	26	32	24	18	160	3.4
EB-21/42-100	100	100	50	26	32	36	20	210	7.0
EB-25/42-100	100	100	50	30	36	36	24	250	7.0
EB-32/42-100	100	100	50	33	40	36	28	320	7.2

闭口销为不锈钢件，其余为热镀锌钢制件。
The cotter pin are stainless steel.the other parts are Hot-dip galvanized steel.

挂点金具
Twisted strap

挂点金具 /Twisted strap



型号 Model	主要尺寸 Main dimensions (mm)								标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	b	Φ	H	H1	H2	M	L	L1		
GD-12S	16	24	30	30	12	22	230	112	120	1.7
GD-21S	20	26	40	35	12	24	250	112	210	2.1
GD-32S	28	33	40	36	12	30	258	112	320	3.6
GD-42S	32	39	45	36	12	36	278	130	420	4.2
GD-50S	32	39	48	50	12	36	278	112	500	4.6
GD-12	16	24	30	35	12	22	250	112	120	1.35
GD-21	18	26	35	35	12	24	250	112	210	1.8
GD-30	30	33	46.5	35	12	30	264	112	300	3.3
GD-50	34	44	50	40	12	36	264	112	500	6.0
GD-60	42	50	50	46	16	42	290	112	600	6.5



U 型、UJ 型螺丝
U type, UJ type screw

规格及技术参数 Specifications and technical parameters

型号 Model	简图 Sketch	主要尺寸 (mm)Main size					标称破坏荷重 Nominal failure load	重量 weight
		C	D	E	L	M		
U-1240	1	40	12	45	80	12	35	0.38
U-1440		40	14	60	90	14	35	0.42
U-1470		70	14	68	106	14	40	0.43
U-1670		70	16	55	95	16	50	0.55
U-1680		80	16	70	106	16	50	0.6
U-1870		70	18	75	110	18	60	0.78
U-1880		80	18	75	110	18	60	0.79
U-1890		90	18	60	140	18	60	0.9
U-2070		70	20	90	130	20	70	1.2
U-2080		80	20	80	125	20	70	1.11
U-2090		90	20	90	150	20	70	1.28
U-2280		80	22	90	125	22	100	1.42
U-2290		90	22	100	160	22	100	1.6
UJ-0780*	2	80	18	50	107	18	60	0.9
UJ-1680		80	16	50	105	16	50	0.553
UJ-1880		80	18	50	107	18	60	0.72
UJ-2080		80	20	60	120	20	70	1.0
UJ-2080/135*		80	20	60	135	20	70	1.6
UJ-2280		80	22	65	127	22	100	1.26

图1

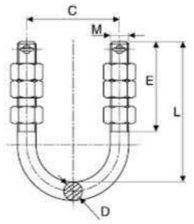
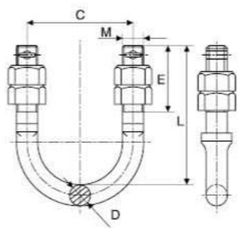


图2



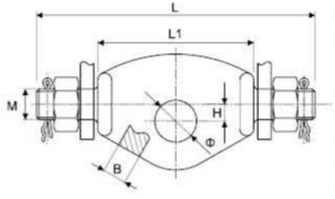
闭口销为不锈钢件，其余为热镀锌钢制件。为通用设计型号。



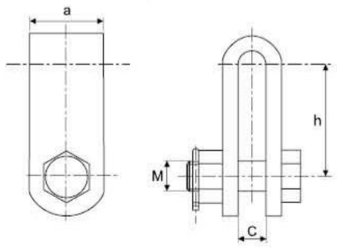
GD 型挂点金具
GD type hanging point fittings

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 (mm)Main size						标称破坏荷重 Nominal failure load	重量 weight
	L	L1	Φ	M	H	B		
GD-12S	250	112	24	22	12	16	120	1.5
GD-25S	240	112	26	27	16	24	250	2.7
GD-32S	258	112	33	30	12	28	320	3.6
GD-42S	278	130	39	36	12	32	420	4.5
GD-50S	278	130	39	36	12	32	500	4.6
GD-12	200	112	24	22	12	17	120	1.5
GD-32G	240	112	33	30	12	28	320	2.9
GD-42G	280	130	39	36	12	32	420	4.5
GD-55G	300	136	45	42	12	34	550	6.2
GD-84G	340	170	51	48	12	36	840	9.2
GD-110G	360	170	55	52	20	45	1100	12.6
GD-42/64-40*	300	130	39	42	40	32	420	7.2
GD-55/64-40*	300	130	39	42	40	32	550	7.6







UB 型挂板 (悬垂用)
UB type hanging board (for hanging)

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
	C	M	h	a		
UB-6/1	20	16	65	30	70	0.82
UB-9/1	20	18	68	40	100	1.20
UB-7G	20	16	68	40	70	0.80
UB-7-50	22	16	65	50	70	0.62

闭口销为不锈钢件， 其余为热镀锌钢制件
The closing pin is made of stainless steel, the rest are made of hot-dip galvanized steel



UB 型挂板
UB type hanging board

规格及技术参数 Specifications and technical parameters

型号 Model	通用设计型号 Universal design Model	主要尺寸 Main dimensions (mm)				标称破坏载荷 Specified Failure Load (kN)	参考重量 Weight(kg) (kg)
		c	M	h	a		
UB-7	UB-0770	20	16	70	45	70	0.8
UB-10	UB -1080	20	18	80	45	100	1.1
UB-12	UB-12100	24	22	100	60	120	2.23
UB-16	UB-16100	26	24	100	60	160	3.13
UB-21	-	30	27	120	70	210	4.32
UB-12T	-	24	22	100	45	120	2.1
UB-16T	-	26	24	100	45	160	2.3
-	UB-21100	26	24	100	60	210	3.2
UB-20T	-	30	27	120	60	200	3.90
UB-25T	-	34	30	150	60	250	5.70
UB-30T	-	38	36	150	60	300	7.00
UB-40T	-	44	42	150	80	400	8.20
UB-60T	-	50	48	180	70	600	15.55

闭口销为不锈钢件， 其余为热镀锌钢制件
The closing pin is made of stainless steel, the rest are made of hot-dip galvanized steel

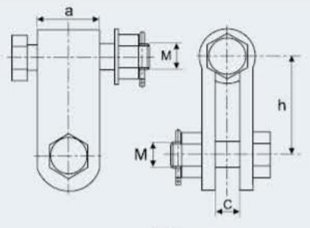


图 1figure 1

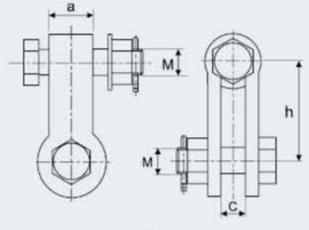


图 2 figure 2



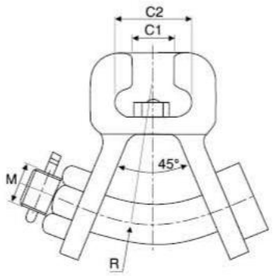
WSY 碗头挂板
WSY bowl head hanging board

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 Main dimensions (mm)				连接标记	标称破坏荷重	重量
	C1	C2	M	R			
WSY-21	23.0	42.5	27	100	20	210	4.1
WSY-30	27.5	51.0	30	110	24	300	4.9

碗头挂板为铸钢件，
弹簧销为不锈钢件，
闭口销为不绣钢件，
其余为钢制件，钢铁制件热镀锌。

The bowl head hanging plate is cast steel,
The spring pin is a stainless steel piece,
The closing pin is made of stainless steel,
The rest are steel parts, which are hot-dip galvanized.





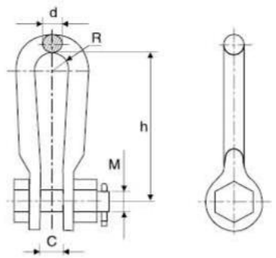
UL 型拉线用 U 型挂环
U-shaped hanging ring for UL type cable

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 Main dimensions (mm)					标称破坏荷重 Nominal failure load	重量 weight
	C	R	M	h	d		
UL-7	20	15	16	120	16	70	0.65
UL-10	22	15	18	140	18	100	0.92
UL-12	24	18	22	140	20	120	
UL-16	26	19	24	140	22	160	1.64
UL-21	30	22	27	160	24	210	2.90

闭口销为不锈钢件，
其余为热镀锌钢制件。

The closing pin is a stainless steel piece,
The rest are hot-dip galvanized steel parts.



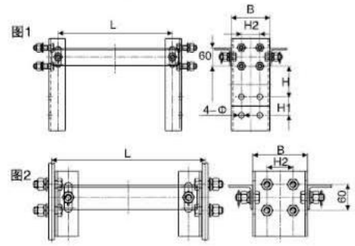


ZCJ 型支撑架
ZCJ type support frame

规格及技术参数 Specifications and technical parameters

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)						参考重量 Weight(kg) (kg)
		L	B	Φ	H	H1	H2	
ZCJ-450	1	450	120	18	300	60	60	10.5
ZCJ-500		500	120	18	300	60	60	13.5
ZCJ-450A	2	450	120	–			60	6.0

闭口销为不锈钢件，其余为热镀锌钢制件
The closing pin is made of stainless steel, the rest are made of hot-dip galvanized steel

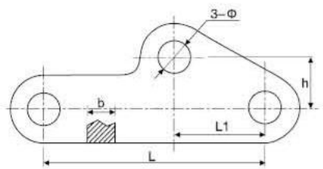




QY 型牵引板
QY type traction plate

规格及技术参数 Specifications and technical parameters

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)						参考重量 Weight(kg) (kg)
		L	B	Φ	H	H1	H2	
ZCJ-450	1	450	120	18	300	60	60	10.5
ZCJ-500		500	120	18	300	60	60	13.5
ZCJ-450A	2	450	120	–			60	6.0



热镀锌钢制件 Hot-dip galvanized steel parts

型号 Model	通用设计型号 Universal design Model	主要尺寸 Main dimensions (mm)					参考重量 Weight(kg) (kg)
		b	Φ	h	L1	L	
QY-7	PQ-07100	16	18	22	38	100	0.80
QY-10	PQ-10120	16	20	25	42	120	1.01
QY-1	PQ-12150	16	24	30	52	150	1.30
QY-16	PQ-16180	18	26	35	55	180	2.20
QY-21	–	26	30	45	75	200	3.91
QY-25	PQ-21200	20	26	45	75	200	3.6
–	–	28	33	57	95	220	5.6
QY-30	PQ-25220	24	30	50	85	220	6.2
–	–	32	39	57	95	240	7.7
QY-32G	PQ-32240	28	33	57	95	240	7.6
–	PQ-42260	32	A9	70	100	260	8.4
QY-50	–	38	45	70	100	260	13.8
–	PQ-55260	32	39	80	114	260	10.5
–	PQ-64260	36	45	80	114	260	12.4
QY-42G	–	32	39	70	100	260	6.5
QY-5026	–	38	45	75	120	260	13.0
QY-5036	–	38	45	70	120	360	13.4



BD 型避雷线悬垂吊架
BD type lightning wire suspension hanger

规格及技术参数 Specifications and technical parameters

型号 Model	使用范围 Use range	主要尺寸 Main dimensions (mm)				参考重量 Weight(kg) (kg)
		b	M	Φ	L	
BD-1839	Φ190 锥形钢筋混凝土	18	18	20	390	4.13
BD-2244	Φ230 锥形钢筋混凝土	18	22	20	440	4.84
BD-2451	Φ300 锥形钢筋混凝土	18	24	20	510	5.6
BD-2762	Φ400 锥形钢筋混凝土	18	27	20	620	6.6

热镀锌钢制件
Hot-dip galvanized steel parts





DB 型调整板
DB type adjustment board

规格及技术参数 Specifications and technical parameters

型号 Model	通用设计型号 Universal design model	简图 Sketch	主要尺寸 Main dimensions (mm)								标称破坏荷重 (kN)	参考重量 Weight(kg) (kg)
			Φ	R1	R2	R3	R4	R5	R6	b		
DB-7	DB-0770-170	1	18	70	95	120	145	200	–	16	70	2.5
DB-10	DB-1080-200		20	80	110	140	170	170	–	16	100	2.7
DB-12	DB-12100-240		24	100	135	170	205	240	–	16	120	4.0
DB-16	DB-16110-170		26	110	125	140	155	170	–	18	160	4.3
DB-21	–		30	120	135	150	165	180	–	26	210	6.8
–	DB-21120-180		26	120	135	150	165	180	–	20	210	4.5
DB-25	–		33	120	135	150	165	180	–	28	250	9.6
–	DB-25120-180		30	120	135	150	165	180	–	24	250	7.0
DB-30	–		39	120	140	160	180	200	–	32	300	13.0
–	DB-32120-200		33	120	140	160	180	200	–	28	320	11.9
–	DB-32110-335	2	33	110	155	200	245	290	335	28	320	14
–	DB-42110-335		39	110	155	200	245	290	335	32	420	18.9
–	DB-42140-320	1	39	140	185	230	275	320	–	32	420	16.5
–	DB-55120-345	2	39	120	165	210	255	300	345	32	550	20.2
–	DB-64150-310	1	45	150	190	230	270	310	–	36	640	27.5

图1

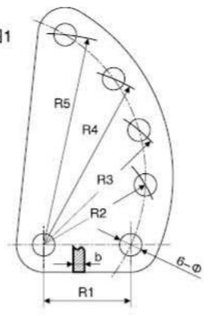
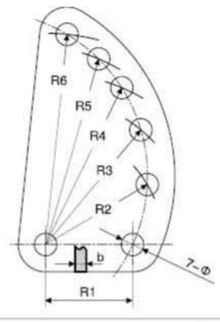


图2



热镀锌钢制件
Hot-dip galvanized steel parts



PT 型调整板
BD type lightning wire suspension hanger

规格及技术参数 Specifications and technical parameters

型号 Model	通用设计型号 Universal design model	简图 Sketch	主要尺寸 Main dimensions (mm)							标称破坏荷重 Nominal failure load (kN)	参考重量 Weight(kg) (kg)
			L	L1	L2	M	Φ	b	C		
PT—7	PT-07240-375	1	45	45	60	16	18	16	18	70	2.2
PT-10	PT-10265-415		50	50	65	18	20	16	20	100	3.0
PT-12	PT-12330-510		60	60	75	22	24	16	24	120	5.2
PT-16	PT-16370-580		65	65	80	24	26	18	26	160	6.9
PT-21	–		70	70	90	27	30	26	30	210	10.6
–	PT-21370-580		80	70	80	24	26	20	24	210	8.4
PT-30	–		80	80	100	36	39	32	38	300	18.8
PT-25	–		80	80	90	30	33	32	34	250	14.5
–	PT-25420-660		90	80	90	27	30	24	28	250	12.4
–	PT-32420-660		90	80	90	30	33	28	32	320	15.2
–	PT-32500-820	2	90	80	90	30	33	28	32	320	17.4
PT-42S	–		80	80	75	36	39	32	36	420	25.54
–	PT-42440-680	1	100	80	100	36	39	32	36	420	21.5
–	PT-42540-900	2	140	80	120	36	39	32	36	420	31.5
–	PT-64540-840	1	120	100	120	42	45	36	40	640	32.4

闭口销为不锈钢件，其余为热镀锌钢制件
The closing pin is made of stainless steel, the rest are made of hot-dip galvanized steel

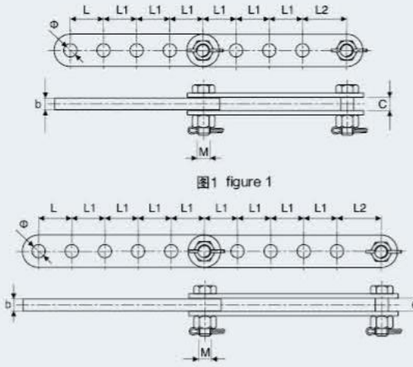


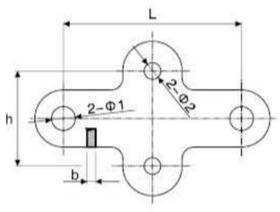
图1 figure 1

图2 figure 2



SZ 单十字挂板
SZ single cross hanging board

规格及技术参数 Specifications and technical parameters



型号 Model	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	h	Φ1	Φ2	L		
SZ-7	16	80	18	14	200	70	1.9
SZ-10	18	80	20	14	150	100	1.8
SZ—16	18	80	26	14	100	160	2.2

热镀锌钢制件
Hot-dip galvanized steel parts



L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		b	b1	h	Φ1	Φ2	L		
L–1020	1	16	–	70	20	18	200	100	2.3
L–1040		16	–	70	20	18	400	100	5.0
L–1045		16	–	70	20	18	450	100	5.51
L–1046		16	–	70	20	18	460	100	5.63
L–1050		16	–	130	20	18	500	100	7.12
L–1060F		16	–	100	20	26	600	100	7.61
L–1240		16	–	70	24	18	400	120	5.1
L–1245	2	16	–	100	24	20	450	120	5.8
L—1250	1	16	–	70	24	18	500	120	5.3
L–1640		18	–	100	26	20	400	160	6.1
L–1660F		18	–	120	20	20	600	160	9.83
L–2050	3	18	26	200	30	20	500	200	11.81
L–2140		16	26	100	30	20	400	210	5.75
L–2540		16	30	110	33	24	400	250	6.6
L–2550	4	16	30	150	33	26	500	250	9.62
L–3040	3	18	32	110	39	26	400	300	7.95
L–3045	5	18	32	250	39	26	450	300	14.0
L–4260	6	20	30	180	38	29	600	420	20.2
L–3050S	3	18	32	110	39	26	500	300	9.6
L–3050G	4	22	32	150	38	26	500	300	13.6
L–3260G		18	28	150	33	26	600	320	13.0
L–4260G		20	32	200	38	26	600	420	20.2
L–1645	5	18	–	250	26	20	450	160	12.2
L–1645X	4	18	–	110	26	20	450	160	7.1
L–2145–1	7	18	26	110	30	26	450	210	11.81
L–4250S	4	20	32	150	38	26	500	420	17.2
L–2040	3	16	24	110	30	20	400	200	6.0

热镀锌钢制件
Hot–dip galvanized steel parts

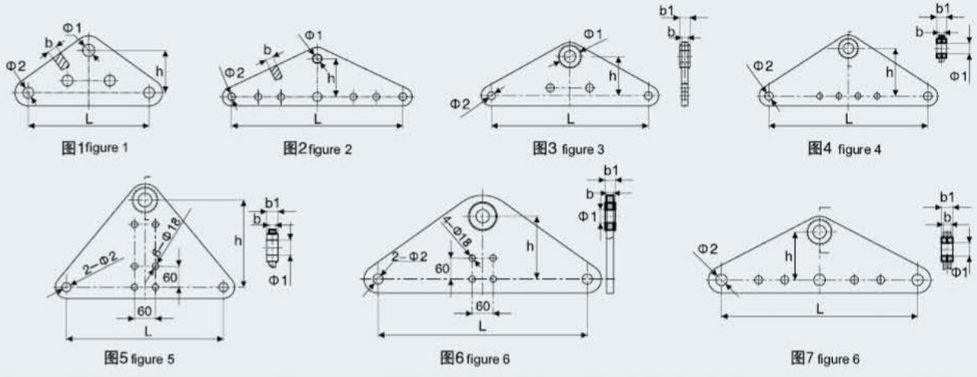


图1figure 1 图2figure 2 图3 figure 3 图4 figure 4

图5 figure 5 图6 figure 6 图7 figure 6

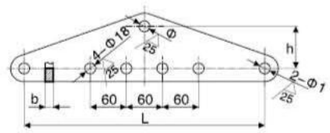


图1figure 1

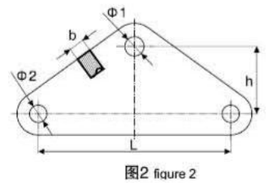


图2 figure 2

L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot–dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		b	h	Φ	Φ1	L		
L–07–70/400	1	16	70	18	18	400	70	4.5
L–07–70/500		16	70	18	18	500	70	6.0
L–07–70/600		16	70	18	18	600	70	7.2
L–10–70/400		16	70	20	18	400	100	4.5
L–10–70/500		16	70	20	18	500	100	5.3
L–10–100/150		16	100	20	20	150	100	2.5
L–10–150/560	2	16	150	20	18	560	100	9.0
L–10–150/660		16	150	20	18	660	100	10.5
L–10–200/737		16	300	20	18	737	100	14.1
L–10–200/813		16	200	20	18	813	100	15.4
L–16–150/560		18	150	26	18	560	160	10.2
L–16–150/660		18	150	26	18	660	160	12
L–16–200/737		18	200	26	18	737	160	16
L–16–200/813		18	200	26	18	813	160	17.4
L–10–100/450	1	16	100	20	18	450	100	5.8
L–10–100/500		16	100	20	18	500	100	6.5
L–10–100/600		16	100	20	18	600	100	7.7
L–12–70/400		16	70	24	18	400	120	4.7
L–12–100/450		16	100	24	18	450	120	5.8
L–12–100/500		16	100	24	18	500	120	6.2
L–12–100/600		16	100	24	18	600	120	7.7
L–16–100/400		18	100	26	20	400	160	5.9
L–16–100/450		18	100	26	20	450	160	6.8
L–16–100/500		18	100	26	20	500	160	7.4
L — 16–100/600		18	100	26	20	600	160	8.9

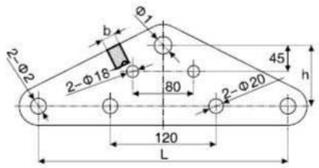


图1 figure 1

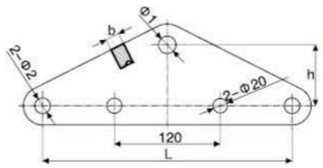


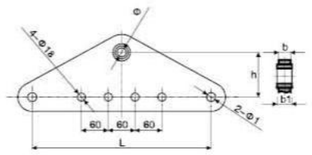
图2 figure2

L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot-dip galvanized steel parts

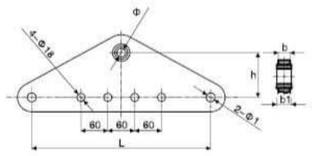
型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		b	h	Φ1	Φ2	L		
L-07-120/400	1	16	120	18	18	400	70	5.2
L-07-120/500		16	120	18	18	500	70	5.3
L-10-120/500		16	120	20	18	500	100	5.5
L-10-70/400	2	16	70	20	18	400	100	4.5
L-10-130/500		16	130	20	18	500	100	7.1
L-12-70/400		16	70	24	18	400	120	4.7
L-16-100/400		18	100	26	18	400	160	5.9



L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	b1	h	Φ	Φ1	L		
L-21-110/400	16	20	110	26	20	400	210	6.5
L-21-120/450	16	20	120	26	20	450	210	7.6
L-21-120/500	16	20	120	26	20	500	210	9.3
L-21-130/600	16	20	130	26	20	600	210	10.8
L-25-110/400	16	24	110	30	24	400	250	7.0
L-25-130/450	16	24	130	30	24	450	250	8.4
L-25-130/500	16	24	130	30	24	500	250	9.1
L-25-130/600	16	24	130	30	24	600	250	10.6
L-32-130/400	18	28	130	33	26	400	320	9.1
L-32-130/450	18	28	130	33	26	450	320	10.0
L-32-130/500	18	28	130	33	26	500	320	11.0
L-32-130/600	18	28	130	33	26	600	320	12.8
L-42-140/400	20	32	140	39	26	400	420	10.2
L-42-140/450	20	32	140	39	26	450	420	11.2
L-42-150/500	20	32	150	39	26	500	420	12.6
L-42-150/600	20	32	150	39	26	600	420	14.8
L-21J-120/400	16	20	120	26	20	400	210	7.8

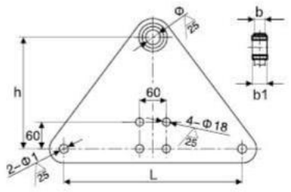


L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

接上表 /Connect to the table

型号 Model	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	b1	h	Φ	Φ1	L		
L-32J-130/400	18	28	130	33	26	400	320	8.4
L-32J-130/450	18	28	130	33	26	450	320	9.2
L-32J-130/500	18	28	130	33	26	500	320	11
L-32J-130/600	18	28	130	33	26	600	320	12.5
L-32J-150/600	18	28	150	33	26	600	320	13.5
L-42J-140/450	20	32	140	39	26	450	420	11.2
L-42J-140/500	20	32	140	39	26	500	420	13
L-42J-160/600	20	32	160	39	26	600	420	16
L-42J-170/550	20	32	170	39	26	550	420	13.8
L-64J-145/500	28	36	145	45	33	500	640	20.5
L-64J-160/600	28	36	160	45	33	600	640	22.5
L-64J-170/550	28	36	170	45	33	550	640	24.8
L-84J-170/550	32	36	170	51	39	550	640	30.2
L-21/25-110/400	16	24	110	30	24	400	250	7
L-21/25-130/450	16	24	130	30	24	450	250	8.4
L-21/25-130/500	16	24	130	30	24	500	250	9.1
L-21/25-130/600	16	24	130	30	24	600	250	10.6
L-21/32-130/400	18	28	130	33	20	400	320	8.4
L-21/32-130/500	18	28	130	33	20	500	320	11.0
L-21/32-130/600	18	28	130	33	20	600	320	12.8

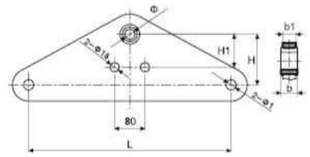


L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

型号 Model	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	b1	h	L	Φ	Φ1		
L-10-250/450	16	–	250	450	20	18	100	13.0
L-12-250/450	16	–	250	450	24	18	120	13.8
L-32-250/450	18	28	250	450	33	26	320	16.0
L-25P-250/450	16	24	250	450	30	24	250	13.8
L-32P-250/450	18	28	250	450	33	26	320	16.0
L-32P-250/500	18	28	250	500	33	26	320	17.0
L-42P-250/450	20	32	250	500	39	26	420	18.3

热镀锌钢制件 Hot-dip galvanized steel parts

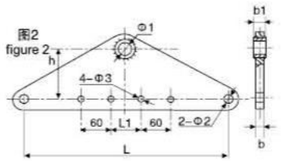


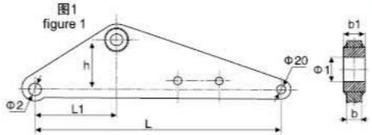
L 型联板
L type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot-dip galvanized steel parts

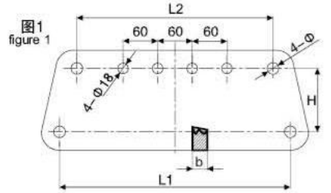
型号 Model	主要尺寸 Main dimensions (mm)							标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	h	h1	L	b1	b2	Φ	Φ1		
L-10J-70/400	70	70	400	16	16	20	18	100	4.5
L-10J-70/500	70	70	500	16	16	20	18	100	5.3
L-16J-100/400	100	70	400	18	18	26	20	160	5.85
L-16J-120/500	120	70	500	18	18	26	20	160	7.4
L-32/21-130/400	130	80	400	18	28	33	20	210	8.4
L-32/21-130/500	130	80	500	18	28	33	20	210	11

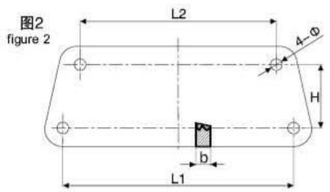




L 型联板
L type joint plate

型号 Model	主要尺寸 Main dimensions (mm)								标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	b1	h	L	L1	Φ1	Φ2	Φ3		
L-2160	18	26	120	600	200	30	26		210	10.5
L-3060	18	26	120	600	200	30	26		300	12.1
L-1645X	18	18	110	450	60	26	20	18	160	6.50
L-1650	22	14	110	500	60	26	24	14	160	11.10
L-2560	22	30	110	600	210	33	26	18	250	13.80
L-3045G	22	32	110	450	60	39	26	18	300	10.50
L-4250	26	38	160	500	60	45	30	18	420	18.10
L-1250G	16	16	120	500	60	24	18	18	120	7.80
L-1650G	18	18	130	500	60	26	18	18	160	9.10
L-2145G	20	20	120	450	60	26	20	18	210	8.60
L-2150G	20	20	130	500	60	26	20	18	210	10.3
L-3245G	20	32	200	450	60	39	26	18	320	18.6
L-3250G	18	28	140	500	60	33	26	18	320	9.80
L-3255S	18	28	130	550	60	33	26	18	320	8.40
L-3260G	18	28	130	600	60	33	26	18	320	8.90
L-4250G	18	28	200	500	60	33	26	18	420	15.33
L-4260S	20	32	140	600	60	39	26	18	420	11.40
L-6450G	28	36	145	500	60	45	33	18	640	17.10
L-6460G	28	36	250	600	60	45	33	18	640	29.52
L-6470G	28	36	250	700	61	45	33	18	640	33.24





LT 型联板
L Ttype joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		h	L1	L2	b	Φ		
LT-10-80/400/340	1	80	400	340	16	20	100	6.1
LT-42J-120/660/550		120	660	550	20	26	420	12.6
LT-64-120/500/450		120	500	450	28	33	640	23.5
LT-64J-120/660/550		120	660	550	28	33	640	18
LT-64-120/600/450		120	600	450	28	33	640	26
LT-10-80/400/340	2	80	400	340	16	20	100	6.1
LT-50-120/500/450		120	500	450	24	30	500	19
LT-50-120/600/450		120	600	450	24	30	500	21
LT-64-120/500/450		120	500	450	28	33	640	23.5
LT-64-120/600/450		120	600	450	28	33	640	26
LT-64-120/600/500		120	600	500	28	33	640	27
LT-84-120/660/500		120	660	500	32	39	840	32.5
LT-84-200/660/500		200	660	550	32	39	840	45
LT-110-200/600/550		200	600	550	32	39	1100	52

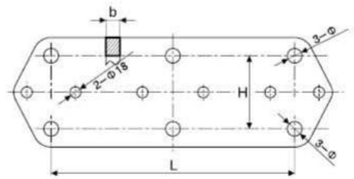


图1

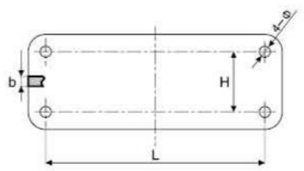


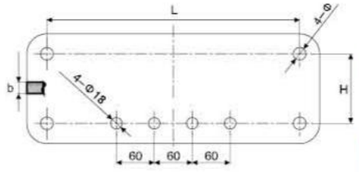
图2

LF 型联板
LF Type Yoke Plates

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot–dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		H	L1	b	Φ	Φ1		
LF–32J–120/400	1	120	400	18	26	26	320	13.8
LF–42J–120/500		120	500	20	26	26	420	15.6
LF –64/42J–120/500		120	500	20	33	26	420	19
LF–42–120/550	2	120	550	20	26	–	420	17.7
LF–50–120/450		120	450	24	30	–	500	18
LF–64–120/450		120	450	28	33	–	640	22
LF–64–120/500		120	500	28	33	–	640	24.2
LF–64–120/550		120	550	28	33	–	640	27.7
LF–84–120/500		120	500	32	39	–	840	29.2
LF–84–120/550		120	550	32	39	–	840	39
LF–84–200/550		200	550	32	39	–	840	51
LF–110–200/550		200	550	36	45	–	1100	48



LF 型联板
LF Type Yoke Plates

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot–dip galvanized steel parts

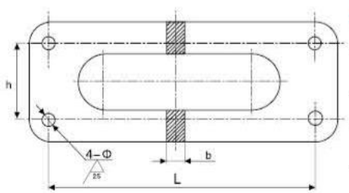
型号 Model	主要尺寸 Main dimensions (mm)				标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	H	L1	b	Φ		
LF–21–110/400	110	400	16	20	210	8.9
LF–21–120/450	120	450	16	20	210	10.5
LF–21–120/500	120	500	16	20	210	12.2
LF–21–120/600	120	600	16	20	210	14.2
LF–25–120/400	120	400	16	24	250	10.0
LF–25–120/450	120	450	16	24	250	11.5
LF–25–120/500	120	500	16	24	250	12.3
LF–25–120/600	120	600	16	24	250	14.5
LF–32–120/400	120	400	18	26	320	11.6
LF–32–120/500	120	500	18	26	320	14.2
LF–32–120/600	120	600	18	26	320	16.7
LF–42–120/500	120	500	20	26	420	15.8
LF–42–120/600	120	600	20	26	420	18.6
LF–64–120/450	120	450	28	33	640	22.0



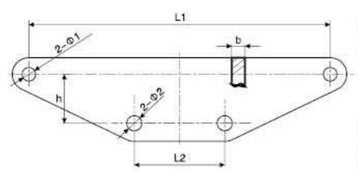
LF 型联板
LF type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot–dip galvanized steel parts



型号 Model	主要尺寸 Main dimensions (mm)				标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	h	Φ	L		
LF–1640	16	70	18	400	160	5.0
LF–2140	16	70	20	400	210	4.9
LF–2150	16	70	20	500	210	6.4
LF–2540	16	110	24	400	250	7.3
LF–3040	18	120	26	400	300	9.2
LF–3050	18	140	26	500	300	13.4
LF–3050F	18	120	26	500	300	11.3
LF–4260	20	190	29	600	420	22.6

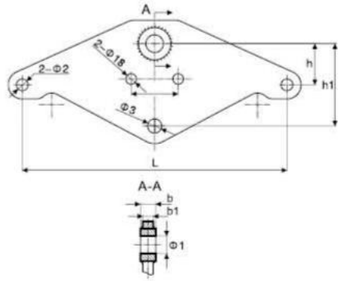


LS 型联板
LS type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot–dip galvanized steel parts

型号 Model	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	h	Φ1	Φ2	L1	L2		
LS–1212	16	65	18	20	400	120	120	4.7
LS–1221	16	65	18	20	400	210	120	5.0
LS–1225	16	65	18	20	400	250	120	5.2
LS–1229	16	65	18	20	400	290	120	5.4
LS–1233	16	65	18	20	400	330	120	5.8
LS–1237	16	65	18	20	400	370	120	6.1
LS–1255	16	65	18	20	400	550	120	7.3
LS–16737	18	85	20	20	737	400	160	12.3



LL 型联板
LL type joint plate

规格及技术参数 Specifications and technical parameters
热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	主要尺寸 Main dimensions (mm)								标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	b	b1	h	h1	L	Φ1	Φ2	Φ3		
LL-1645	18	18	70	140	450	26	20	24	160	7.6
LL-2145	18	26	70	140	450	30	20	24	210	8.0
LL-2545	18	30	70	140	450	33	20	24	250	8.2
LL -3045	18	32	100	130	450	39	20	26	300	8.0
LL-2150G	16	20	80	150	500	26	18	24	210	7.6
LL-3245G	18	28	120	140	450	33	20	26	320	8.9
LL-3250S	18	28	80	150	500	33	20	26	320	10.3
LL-4245G	20	32	140	140	450	39	20	26	420	11.4
LL-4250S	20	32	145	175	500	39	20	26	420	12.5
LL-6450S	22	36	145	145	500	45	26	33	640	18.5

LJ 型联板
LJ type joint plate

规格及技术参数 Specifications and technical parameters
热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 (kg) Weight(kg)
		b	h	Φ1	Φ2	L		
LJ-1040	1	16	70	18	20	400	100	6.2
LJ-1240		16	70	18	24	400	120	6.5
LJ-1640		18	100	20	26	400	160	9.4
LJ-1660		18	100	20	26	600	160	13.8
LJ-2540	2	16	120	24	18	400	250	10.2
LJ-3040		18	120	26	18	400	300	11.5
LJ-6045	3	32	120	39	18	450	600	25.5

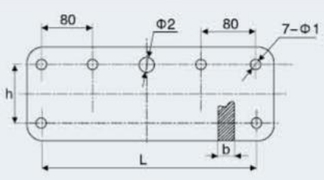


图1
figure 1

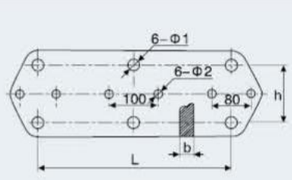


图2
figure 2

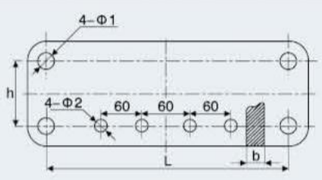
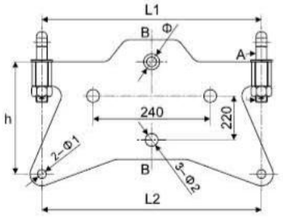


图3
figure 3







LK 型联板
LK type joint plate

规格及技术参数 Specifications and technical parameters
热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	主要尺寸 Main dimensions (mm)							标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 (kg) Weight(kg)
	b	L1	L2	H	Φ	Φ1	Φ2		
LK-07450	16	450	450	265	18	18	24	70	17.5
LK-07500	16	500	500	315	18	18	24	70	17.8
LK-10450	16	450	450	265	20	18	24	100	16.0
LK-10500	16	500	500	315	20	18	24	100	17.5
LK-12450	16	450	450	265	24	18	24	120	16.0
LK-16450	18	450	450	265	20	18	24	160	18.9
LK-16490450	18	490	450	265	20	18	24	160	18.0
LK-16500	18	500	500	315	20	18	24	160	20.4
LK-16550500	18	550	500	315	20	18	24	160	19.8
LK-21450	20	450	450	265	26	18	24	210	20.4
LK-21500450	20	500	450	265	26	18	24	210	22.3
LK-21500	20	500	500	315	26	18	24	210	21.4
LK-21550500	20	550	500	315	26	18	24	210	21.3

LK 型联板
LK type joint plate

规格及技术参数 Specifications and technical parameters
热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 (kg) Weight(kg)
	b	L1	L2	H	Φ	Φ1		
LSZ-84400/6	400	550	32	18	39	26	840	62
LSZ-110400/6	400	550	32	18	39	26	1100	63

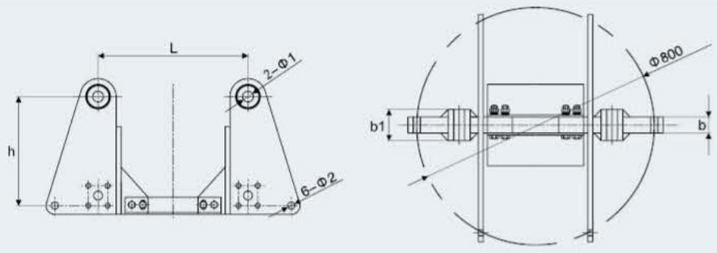


图1

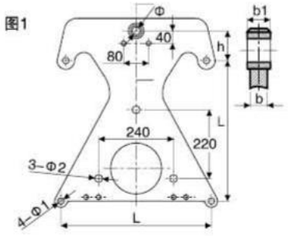
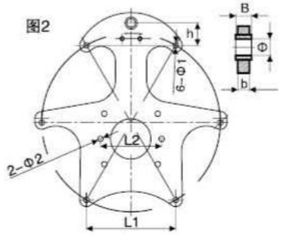


图2



LX 型联板

LX type joint plate

规格及技术参数 Specifications and technical parameters

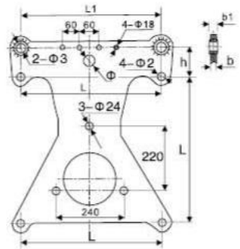
热镀锌钢制件

Hot-dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)							标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		L	h	Φ	Φ1	Φ2	b	b1		
LX-16450	1	450	95	26	18	24	18	_	160	24.0
LX-16450		450	95	26	18	24	16	18	160	24.0
LX-16500		500	95	26	18	24	16	18	160	27.5
LX-21450		450	95	26	20	24	16	20	210	24.8
LX-21500		500	95	26	20	24	16	20	210	28.0
LX -32450		450	95	33	20	24	18	28	320	27.4
LX-32500		500	95	33	20	24	18	28	320	29.0
LX-42450		450	95	39	20	24	18	32	420	26.8
LX-42500		500	95	39	20	24	18	32	420	29.0
LX-64450		450	95	45	26	24	20	36	640	29.3
LX-64500		500	95	45	26	24	20	36	640	30.5

规格及技术参数 Specifications and technical parameters

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)								标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		L1	L2	h	Φ	Φ1	Φ2	b	b1		
LX-21400/6	2	400	325	100	26	20	26	20	20	210	39.5
LX-32400/6		400	325	100	33	20	26	18	28	320	40.0
LX-42400/6		400	325	100	39	20	26	20	32	420	45.5
LX-64400/6		400	325	100	45	20	26	20	36	640	48.5
LX -84400/6		400	325	100	51	20	26	20	36	840	50.5



LX 型联板

LX type joint plate



规格及技术参数 Specifications and technical parameters

热镀锌钢制件

Hot-dip galvanized steel parts

型号 Model	主要尺寸 Main dimensions (mm)								标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	L	L1	h	Φ1	Φ2	Φ3	b	b1		
LX-4245	450	500	100	39	22	30	22	28	420	31.0
LX-4545	450	450	75	44	24	30	24	—	450	26.0
LX-6045	450	500	100	39	26	39	22	32	600	35.0
LXV-6045BL	450	500	100	39	18	39	26	32	600	36.5

LXV 型联板

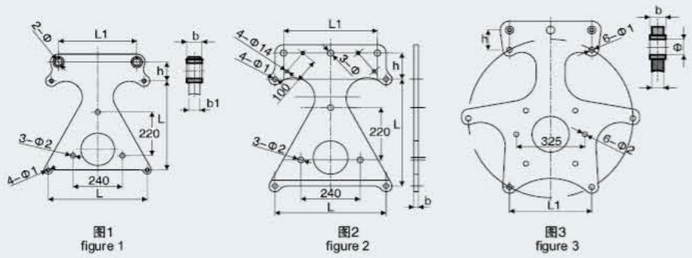
LXV type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件

Hot-dip galvanized steel parts

型号 Model	设计型号 Design Model	简图 Sketch	主要尺寸 Main dimensions (mm)								标称破坏荷重 (kN) Nominal failure load (kN)	参考重量 Weight(kg) (kg)
			l	L1	H	Φ1	Φ2	b	b	b1		
LXV-1645	–	2	450	380	110	26	20	24	—	18	160	19.5
–	LXV-16450		450	380	95	26	18	24	18	16	160	24.2
–	LXV-16500		500	380	95	26	18	24	18	16	160	27.9
–	LXV-21450		450	380	95	26	20	24	20	16	210	25.1
–	LXV-21500		500	380	95	26	20	24	20	16	210	29.4
–	LXV-32450		450	380	95	33	24	24	28	18	320	29.0
–	LXV-32450		450	380	95	33	20	24	28	18	320	29.0
–	LXV-32500		500	380	95	33	24	24	28	18	320	29.5
–	LXV-42450		450	380	100	39	26	24	32	18	420	29.0
–	LXV-42500		500	380	100	39	26	24	32	18	420	29.5
–	LXV-64450		450	380	100	45	26	24	36	20	640	30
–	LXV-64500		500	380	100	45	26	24	36	20	640	31.5
–	LXV-21400/6	3	400	400	100	26	20	26	20	20	210	43.3
–	LXV-32400/6		400	400	100	33	20	26	28	18	320	44.3
–	LXV-42400/6		400	400	100	39	20	26	32	20	420	44.9
–	LXV-64400/6		400	400	100	45	20	26	36	20	640	46.5

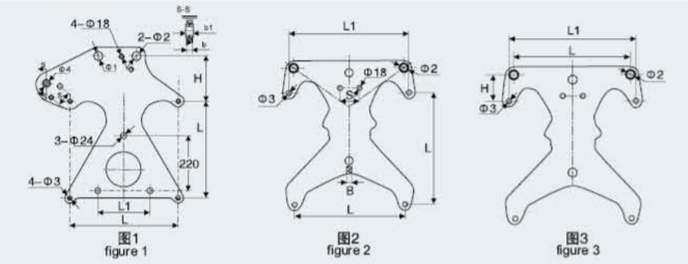


规格及技术参数 Specifications and technical parameters

热镀锌钢制件

Hot-dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)									标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		L	L1	H	B	S	Φ1	Φ2	Φ3	Φ4		
LXV-1645Z	1	450	420	196	18	80	30	26	20	26	160	26.60
LXV-2145Z		450	420	196	18	80	30	26	20	30	210	26.32
LXV-304945	2	450	490	–	26	80	–	38	20	–	300	45.0
LXV-214945	2	450	490	100	–	–	–	38	20	–	210	18.5



LXV 型联板
LK type joint plate

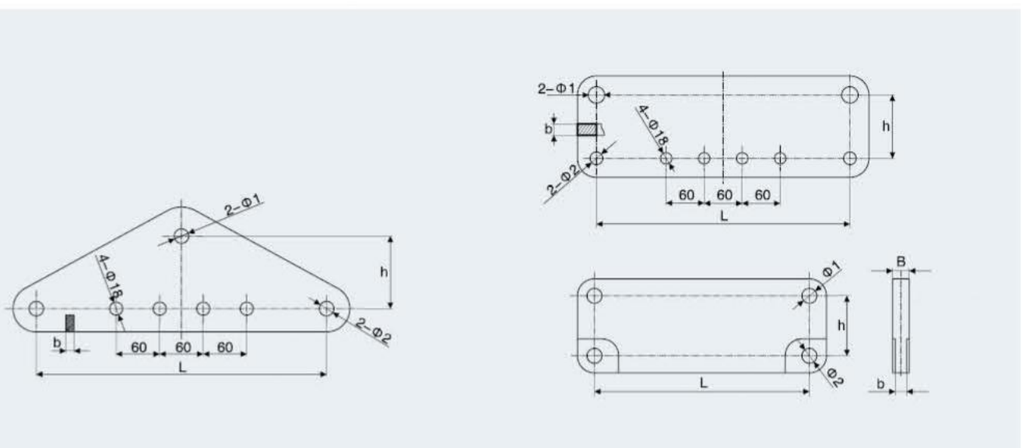
规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		b	h	Φ	Φ1	L		
LXV-10400/1	1	16	100	20	20	400	100	5.1
LXV-12400/1		16	100	24	24	400	120	5.8
LXV-16400/1		18	120	26	26	400	160	7.5
LXV-16500/1		18	120	26	26	500	160	9.2
LXV-16600/1		18	120	26	26	600	160	10.9

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)					标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		b	h	Φ1	Φ2	L		
LXV-10400/2	2	16	100	20	20	400	100	8.1
LXV-10500/2		16	100	20	20	500	100	8.3
LXV-10600/2		16	100	20	20	600	100	8.6
LXV-12400/2		16	100	24	20	400	120	8.9
LXV-12500/2		16	100	24	20	500	120	10.9
LXV-12600/2		16	100	24	20	600	120	12.9
LXV-16400/2		18	120	26	20	400	160	11.6
LXV-16500/2		18	120	26	20	500	160	14.2
LXV-16600/2		18	120	26	20	600	160	16.8

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		h	L	B	b	Φ1	Φ2		
LXV-10400/2	3	100	400	16	16	20	20	100	8.6
LXV-10500/2		100	500	16	16	20	20	100	10.7
LXV-16400/2		120	400	18	16	26	20	160	12
LXV-16500/2		120	500	18	16	26	20	160	15
LXV-21400/2		120	400	20	16	26	20	210	14
LXV-21500/2		120	500	20	16	26	20	210	16.5
LXV-32400/2		120	400	28	16	33	20	320	22
LXV-32500/2		120	500	28	16	33	20	320	26

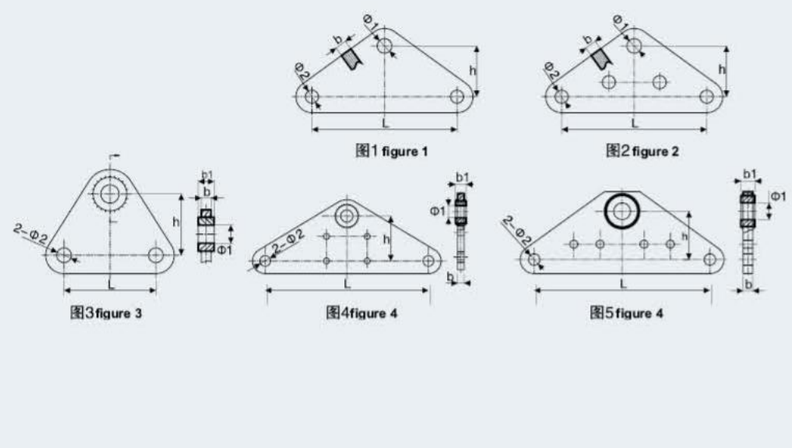


LV 型联板
LV type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	简图 Sketch	主要尺寸 Main dimensions (mm)						标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
		b	b1	h	Φ1	Φ2	L		
LV-0712	1	16	–	60	18	20	120	70	1.4
LV-0720		16	–	60	18	20	200	70	2.1
LV-1012		16	–	60	20	20	120	100	1.5
LV-1014		16	–	90	20	20	140	100	2.20
LV-1020		16	–	60	20	20	200	100	2.2
LV-1214		16	–	90	24	20	140	120	2.4
LV-1240	2	16	–	70	18	18	400	120	4.52
LV-1612	1	18	–	60	26	26	120	160	1.9
LV-1620		18	–	60	26	26	200	160	2.9
LV-2120S		20	–	100	26	20	200	210	3.73
LV-2015	3	16	26	100	30	24	150	200	3.2
LV-2040	4	16	24	110	30	26	400	200	5.2
LV-2115	3	16	26	100	30	24	150	210	2.94
LV-3018		18	32	120	39	26	180	300	4.6
LV-3040	5	22	32	110	38	26	400	300	10.0

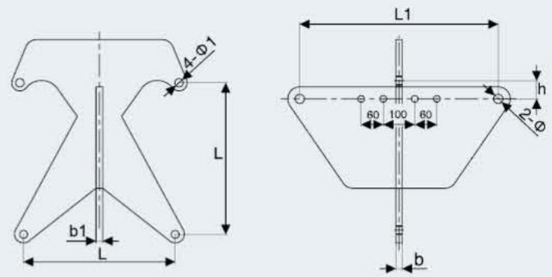


LXS 型联板
LXS type joint plate

规格及技术参数 Specifications and technical parameters

热镀锌钢制件
Hot-dip galvanized steel parts

型号 Model	主要尺寸 Main dimensions (mm)							标称破坏荷重 (kN)Nominal failure load (kN)	参考重量 Weight(kg) (kg)
	L	L1	b	b1	Φ	Φ1	h		
LXS-32450/450	450	450	16	18	26	18	120	320	42
LXS-32450/500	450	500	16	18	26	18	120	320	44
LXS-32450/600	450	600	16	18	26	18	120	320	46
LXS-32500/500	500	500	16	18	26	18	120	320	48
LXS-32500/600	500	600	16	18	26	18	120	320	50
LXS-42450/450	450	450	16	20	26	20	120	420	40.2
LXS-42450/500	450	500	16	20	26	20	120	420	42
LXS-42450/600	450	600	16	20	26	20	120	420	45
LXS-42500/500	500	500	16	20	26	20	120	420	42.5
LXS -42500/600	500	600	16	20	26	20	120	420	45.5
LXS-64450/500	450	500	18	28	33	26	120	640	48
LXS-64450/600	450	600	18	28	33	26	120	640	50.5
LXS-64500/500	500	500	18	28	33	26	120	640	51.5
LXS-64500/600	500	600	18	28	33	26	120	640	52.5




ZG-1 重锤挂板


ZJ-1 重锤座

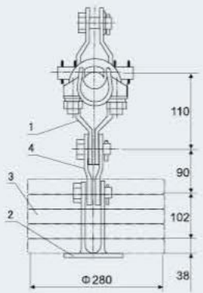

ZC-1 重锤片

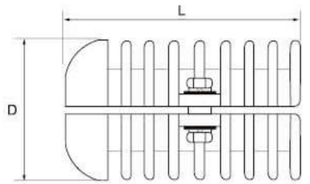
悬重锤及其附件
Pendant hammer and its accessories

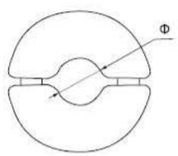
规格及技术参数 Specifications and technical parameters

序号 The serial number	名称 The name says	型号 Model	重量 The weight of the	备注 note
1	重锤挂板 Heavy hammer hangs Taiwan	ZG-1	0.28	使用安装于 XGU-4 悬垂线夹上 Use to install on XGU-4 suspension clip
		ZG-2	0.29	使用安装于 XGU-5.6 悬垂线夹上 Install on XGU-5.6 suspension clip for use
2	重锤坐 Heavy hammer to sit	ZJ-1	1.50	同通用设计型号 The same general-purpose design model ZFJ-15
3	重锤片 A heavy hammer piece	ZC-1	15.00	同通用设计型号 ZFJ-15Y The same general design model ZFJ-15Y
4	平行挂板 Parallel hangs Taiwan	PS-7	0.53	见联结金具 See connective fittings

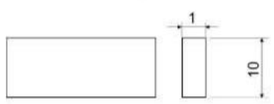
重锤片为灰铸铁片，涂漆，其余为热镀锌钢制件
The heavy hammer pieces are gray cast iron pieces, painted, and the rest are hot-dip galvanized steel pieces











FS 散热器
FS radiator

规格及技术参数 Specifications and technical parameters

型号 Catalog No.	使用导线范围 Use wire range	主要尺寸 Main dimensions (mm)			参考重量 Weight(kg) (kg)
		Φ	D	L	
FS-210N	NRLH58GJ-210	20	95	150	1.7
FS-240N	NRLH58GJ-240	22	98	150	1.7
FS-300N	NRLH58GJ-300	24	100	150	1.8
FS-400N	NRLH58GJ-400	28	100	200	2.0
FS-500N	NRLH58GJ-500	30	110	200	2.2
FS-630N	NRLH58GJ-630	35	110	200	2.2
FS-800N	NRLH58GJ-800	39	120	200	2.4
FS-1000N	NRLH58GJ-1000	45	120	200	2.6
FS-1440N	NRLH58GJ-1440	52	130	200	2.5

主体为招合金件，其余为热键锌钢制件。
The main body is alloy parts, and the rest are hot-bonded zinc steel parts.

铝包带
Aluminum tape

规格及技术参数 Specifications and technical parameters

公称规格 Nominal size	厚度 (mm)	宽度 (mm)	重量 (kg)	
			kg/m	M/kg
1×10	10	10	0.027	37

预绞式耐张线夹
Pre-twisted strain clamp

预绞式耐张线夹用于输配电线路的裸导线或架空绝缘导线安装，产品可靠性及经济性优于目前线路上广泛使用的螺栓型、液压型耐张线夹。

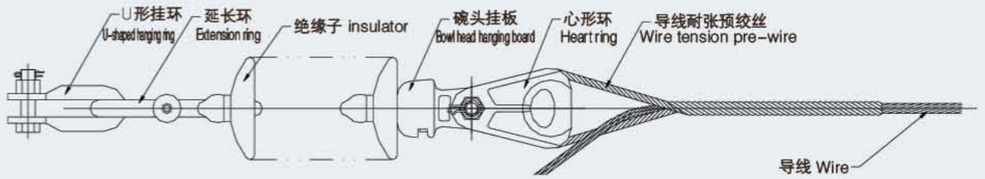
预绞式耐张线夹的结构简单，安装后预绞丝双鬟形成的管状结构自然缠绕在导线上可产生极强的握紧力，新颖的结构和精密的设计，使导线耐张线夹拥有可靠的性能。线夹通常由铝包钢、镀锌钢丝等材料制造。

The pre-twisted strain clamp is used for the installation of bare conductors or overhead insulated conductors of power transmission and distribution lines. The product reliability and economy are better than the bolt-type and hydraulic strain clamps widely used on the current lines.

The structure of the pre-twisted tension clamp is simple. After installation, the tubular structure formed by the legs of the pre-twisted wire can be naturally wound on the wire to produce a strong grip. The novel structure and precise design make the wire resistant to the tension clamp Have reliable performance. The clamp is usually made of aluminum-clad steel, galvanized steel wire and other materials.



钢芯铝绞线用耐张线夹组装形式示意图
Schematic diagram of assembly form of strain clamp for steel core aluminum stranded wire



特点 /Features

◆ 线夹强度高，握力可靠。线夹握力强度不小于 95% CUTS(绞线计算拉断力)。

◆ 线夹对导线应力分布均匀，不损伤导线，提高了导线抗振能力，大大延长了导线的使用寿命。

◆ 安装简单，便于施工。可大大缩短施工时间，无需任何专用工具，一人即可完成操作。

◆ 线夹的安装质量易于保证，用肉眼即可进行检验，不需专门训练。

◆ 耐腐蚀性好；材质与导线完全一致，保证线夹具有较强的抗电化学腐蚀的能力。

◆ The clamp has high strength and reliable grip. The grip strength of the clamp is not less than 95% CUTS (calculated breaking force of twisted wire).

◆ The stress distribution of the wire clamp on the wire is even, without damaging the wire, which improves the anti-vibration ability of the wire and greatly extends the service life of the wire.

◆ Simple installation and easy construction. Can greatly shorten the construction time, without any special tools, one person can complete the operation.

◆ The installation quality of the clamp is easy to guarantee, and can be inspected with the naked eye without special training.

◆ Good corrosion resistance; the material is exactly the same as the wire, ensuring that the clamp has strong resistance to electrochemical corrosion.

提示 /prompt

◆ 由于线夹的特殊结构，线夹受力后只能使用一次，不得重复使用。

◆ 选配产品或订货时必须提供导线的规格型号。

◆ 不得在线夹上搭接，但在线夹前后的导线上进行搭接是允许的。

◆ 线夹和导线的旋向应保持一致。标准的线夹是右旋，如需左旋产品须声明。

◆ Due to the special structure of the wire clip, the wire clip can only be used once after being stressed, and cannot be reused.

◆ The specification and Model of the wire must be provided when selecting products or ordering.

◆ It is not allowed to overlap on the wire clip, but it is allowed to overlap the wires before and after the wire clip.

◆ The direction of rotation of the clamp and the wire should be consistent. The standard clamp is right-handed, if you need left-handed products, you must declare.

预绞式导线耐张线夹
Pre-twisted conductor strain clamp

钢芯铝绞线用预绞式导线耐张线夹选型表
Table Selection of Preformed Armor Rods for ACSR

产品型号 Model	DL/T763-2001 标准对照 Standard Control	适用导线直径范围 (mm) Conductor Dia. (mm)		适用导线类型 Suitable Conductor GB 1179-1983	线夹长度 (mm) Clamp Length (mm)	色码 Color Code	配套金具 Matched Hardware
		最小 Min	最大 Max	钢芯铝绞线 (ACSR) LGJ/LGJF			
DN 1112	NL-35/6	7.35	8.26	35/6	625	黄 Yellow	TC-07
DN 1114	NL-50/8	9.26	10.39	50/8	685	黑 Black	
DN 1115	NL-70/10	10.40	11.68	70/10	740	蓝 Blue	
DN 1117	NL-70/40 NL-95/15	13.12	14.66	70/40 95/15	880	绿 Green	
DN 1118	NL-120/20 NL-95/55	14.67	16.59	120/20 95/55	890	红 Red	TC-10
DN 1119	NL-150/20	16.60	18.77	150/20	1020	黄 Yellow	
DN 1120	NL-185/25	18.78	21.26	185/25	1160	黑 Black	
DN 1121	NL-240/30 NL-240/40 NL-240/55 NL-300/15 NL-300/20 NL-300/25	21.27	24.05	240/30 240/40 240/55 300/15 300/20 300/25	1275	蓝 Blue	
DN 1122	NL-300/40 NL-300/50 NL-300/70 NL-400/20 NL-400/25 NL-400/35	24.06	27.20	300/40 300/50 300/70 400/20 400/25 400/35	1425	绿 Green	TC-12
DN 1123	NL-400/50 NL-400/65 NL-400/95 NL-500/35 NL-500/45 NL-500/65	27.21	30.78	400/50 400/65 400/95 500/35 500/45 500/65	1656	红 Red	TC-16

◆ DT/L 763-2001 标准型号中 N- 耐张线夹，L- 螺旋预绞式；“-” 后为适用导线型号。

◆ 钢芯铝绞线用预绞式导线耐张线夹的原材料为镀锌钢线。

◆ 表中仅列出部分产品，其他规格请与我公司联系。

◆ In the standard Model of DT/L 763-2001, N-tension clamp, L-spiral pre-twisted type; after "-", the applicable wire Model.

◆ The raw material of the pre-stranded wire tension clamp for steel core aluminum stranded wire is galvanized steel wire.

◆ Only some products are listed in the table, please contact our company for other specifications.

预绞式导线耐张线夹
Pre-twisted conductor strain clamp

铝绞线用预绞式导线耐张线夹选型表
Table Selection of Preformed Armor Rods for Aluminum Wire

产品型号 Model	DL/T763-2001 标准对照 Standard Control	适用导线直径范围 (mm) Conductor Dia. (mm)		适用导线类型 Suitable conductor GB 1179-1983	线夹长度 (mm) Clamp Length (mm)	色码 Color Code	配套 金具 Matched Hardware
		最小 Min	最大 Max	铝绞线 LJ Aluminum wire			
DN 1113	NL-50/LJ	8.27	9.25	50	688	绿 green	TC-07
DN 1115	NL-70/LJ	10.40	11.68	70	740	蓝 bule	
DN 1116	NL-95/LJ	11.69	13.11	95	805	黑 black	
DN 1117	NL-120/LJ	13.12	14.66	120	880	绿 green	
DN 1118	NL-150/LJ	14.67	16.59	150	890	红 red	
DN 1119	NL-185/LJ	16.60	18.77	185	1020	黄 yellow	
DN 1119	NL-210/LJ	16.60	18.77	210	1020	黄 yellow	
DN 1120	NL-240/LJ	18.78	21.26	240	1160	黑 black	
DN 1121	NL-300/LJ	21.27	24.05	300	1275	蓝 bule	
DN 1122	NL-400/LJ	24.06	27.20	400	1425	绿 green	
DN 1123	NL-500/LJ	27.21	30.78	500	1656	红 red	TC-10

备注：1、DT/L 763-2001 标准型号中 N- 耐张线夹，L- 螺旋预绞式；LJ- 铝绞线导线；“-”后为适用导线型号。

2、铝绞线用预绞式导线耐张线夹的原材料为镀锌钢线。

3、表中仅列出部分产品，其他规格请与我公司联系

Remarks: 1. In the standard Model of DT/L 763-2001, N-tension clamp, L-spiral pre-twisted type; LJ-aluminum stranded wire; after "-", the applicable wire type.

2. The raw material of the pre-stranded wire tension clamp for aluminum stranded wire is galvanized steel wire.

3. Only some products are listed in the table, please contact our company for other specifications

绝缘导线用预绞式导线耐张线夹选型表
Table Selection of Preformed Lead Tension Set for Insulated conductor

产品型号 Model	DL/T763-2001 标准对照 Standard Control	适用导线直径范围 (mm) Conductor Dia.(mm)		1kv 以下适用导线型号 ≤ 1KV (Suitable Conductor)	10KV 适用导线型号 GB 14049-93 ≤ 10KV (Suitable Conductor)	线夹长度 (mm) Clamp Length (mm)	色码 Color Code	配套金具 Matched Hardware
		最小 Min	最大 Max	GB 12527-90	薄绝缘 Thin insulation	普通绝缘 General Insulation		
DN 1211		5.82	6.53		10	465	绿 Green	TC-07
DN 1212		6.55	7.34		16	535	蓝 Bule	
DN 1213		8.28	9.25		25	695	黑 Black	
DN 1214		9.26	10.39		35	695	红 Red	
DN 1215		10.40	11.68		50	750	蓝 Bule	
DN 1216		11.69	13.11		70	795	绿 Green	
DN 1217		13.12	14.66			865	红 Red	
DN 1218	NL-35/JY NL-50/JY	14.67	16.59		95 120	890	蓝 Bule	
DN 1219	NL-35/JY	16.60	18.77		150	980	红 Red	
DN 1220	NL-95/JY NL-120/JY	18.78	21.26		185	1018	黑 Black	
DN 1221	NL-35/JY	21.27	24.05		240	1018	蓝 Bule	
DN 1222	NL-185/JY NL-240/JY	24.06	27.20			1018	黄 Yellow	
DN 1223	NL-35/JY	27.21	30.78			1020	绿 Green	

备注：1、DT/L 763-2001 标准型号中 N- 耐张线夹，L- 螺旋预绞式；LJ- 铝绞线导线；“-”后为适用导线型号。

2、铝绞线用预绞式导线耐张线夹的原材料为镀锌钢线。

3、表中仅列出部分产品，其他规格请与我公司联系

Remarks: 1. In the standard Model of DT/L 763-2001, N-tension clamp, L-spiral pre-twisted type; LJ-aluminum stranded wire; after "-", the applicable wire type.

2. The raw material of the pre-stranded wire tension clamp for aluminum stranded wire is galvanized steel wire.

3. Only some products are listed in the table, please contact our company for other specifications

预绞式地线耐张线夹
Pre-twisted ground wire strain clamp

用于架空线路的地线耐张杆塔的固定；独特设计使耐张线夹结构简单，性能可靠，安装后预绞丝线夹双腿绞合形成的空管缠绕在地线上，可产生极强的握紧力，绞环与配套的心型环及其他连接金具一起固定在耐张杆塔上。

It is used to fix the ground wire tension poles of overhead lines; the unique design makes the structure of the tension wire clamp simple and reliable. After installation, the empty pipe formed by the two legs of the pre-twisted wire clamp is wound on the ground wire, which can produce extremely strong With high grip strength, the hinge ring is fixed on the tensile pole tower together with the matching heart-shaped ring and other connecting hardware.

产品系列分为 /The product series is divided into

钢绞线用预绞式地线耐张线夹

铝包钢绞线用预绞式地线耐张线夹

Pre-twisted ground wire strain clamp for steel strand

Pre-twisted ground wire tension clamp for aluminum clad steel strand



钢绞线用预绞式地线耐张线夹选型表
Table Selection of Preformed Ground Tension Set for Steel wire

产品型号 Modle	DL/T763-2001 标准对照 Stanductor Control(mm)	适用导线直径范围 (mm) Conductor Dia.(mm)	适用导线类型 YD/T5004-1993 (mm2)Suitabe Conductor (mm2)	线夹长度 (mm) Clamp Length (mm)	色码 Color Code
DN 2410	NL-25/G	6.60	25	636	黄 Yellow
DN 2411	NL-35/G	7.65--7.95	35	712	黑 Black
DN 2412	NL-50/G	8.95--9.30	50	903	绿 Green
DN 2413	NL-70/G	10.82--11.10	70	1018	蓝 Bule
DN 2414	NL-95/G	12.50	95	1335	红 Red
DN 2415	NL-100/G	13.00	100	1335	绿 Green
DN 2416	NL-120/G	14.00	120	1464	蓝 Bule

备注：1、表中 DT/L 763-2001 标准型号含义：N- 耐张线夹；L- 螺旋预绞式；“-”后为适用钢绞线型号。

2、钢绞线用预绞式地线耐张线夹的原材料为镀锌钢线；表中仅列出部分产品，其他规格可与我公司联系。

Remarks: 1. The meaning of DT/L 763-2001 standard Model in the table: N-tension clamp; L-screw pre-twisted type; after "-", it is applicable steel strand Model.

2. The raw material of the pre-twisted ground wire strain clamp for steel strand is galvanized steel wire; only some products are listed in the table, and other specifications can be contacted by our company.

预绞式地线耐张线夹
Pre-twisted ground wire strain clamp

铝包钢绞线用预绞式地线耐张线夹选型表
Table Selection of Preformed Ground Tension Set for Aluminum-clad Steel wire

产品型号 Modle	适用导线直径范围 (mm) Applicable wire diameter range (mm)	线夹长度 (mm) Clamp Length(mm)	色码 Color Code
DN 4108	5.56-5.85	540	蓝 Bule
DN 4109	5.86-6.0	540	绿 Green
DN 4110	6.01-6.28	610	黄 Yellow
DN 4111	6.29-6.56	565	黑 Black
DN 4113	6.85-7.12	630	红 Red
DN 4114	7.13-7.4	630	蓝 Bule
DN 4115	7.41-7.67	640	绿 Green
DN 4116	7.68-7.95	680	黄 Yellow
DN 4117	7.96-8.23	680	黑 Black
DN 4118	8.24-8.54	680	紫 Purple
DN 4167	8.55-8.69	750	红 Red
DN 4119	8.71-9.02	775	蓝 Bule
DN 4120	9.03-9.25	825	绿 Green
DN 4121	9.26-9.63	820	黄 Yellow
DN 4122	9.64-10.01	850	黑 Black
DN 4123	10.02-10.39	890	紫 Purple
DN 4124	10.40-10.82	920	红 Red
DN 4125	10.83-11.23	950	蓝 Bule
DN 4126	11.24-11.66	990	绿 Green
DN 4127	11.67-12.04	1010	黄 Yellow
DN 4128	12.05-12.55	1030	黑 Black
DN 4130	12.56-13.08	1130	紫 Purple
DN 4131	13.09-13.61	1210	红 Red
DN 4132	13.62-14.10	1250	蓝 Bule
DN 4133	14.11-14.48	1270	绿 Green
DN 4134	14.49-15.01	1290	黄 Yellow

备注：1、表中 DT/L 763-2001 标准型号含义：N- 耐张线夹；L- 螺旋预绞式； "-" 后为适用钢绞线型号。

2、铝包钢绞线用预绞式地线耐张线夹的原材料为镀锌钢线；表中仅列出部分产品，其他规格可与我公司联系。

Note: 1. DT/L 763-2001 standard Model in the table means: N-tensioning wire clamp; L-helical pre-twist type; "-" is the type of applicable strand wire.

2. The raw material of pre-twisted ground wire tensioning clamp for aluminum-clad steel stranded wire is galvanized steel wire; Only some products are listed in the table. For other specifications, please contact us.

特点 /trait

◆ 线夹强度高，握力可靠。线夹握力强度不小于 95% CUTS(绞线计算拉断力)。
◆ 线夹对绞线应力分布均匀，不损伤绞线，提高了绞线抗振能力，大大延长了导线的使用寿命。
◆ 安装简单，便于施工。可大大缩短施工时间，无需任何专用工具，一人即可完成操作。
◆ 线夹的安装质量易于保证，用肉眼即可进行检验，不需专门训练。
◆ 耐腐蚀性好，选用优质材料。材质与导线完全一致，保证线夹具有较强的抗电化学腐蚀的能力。

◆ The clamp has high strength and reliable grip. The grip strength of the clamp is not less than 95% CUTS (calculated breaking force of twisted wire).
◆ The stress distribution of the wire clamp to the stranded wire is even, does not damage the stranded wire, improves the anti-vibration ability of the stranded wire, and greatly extends the service life of the wire.
◆ Simple installation and easy construction. Can greatly shorten the construction time, without any special tools, one person can complete the operation.
◆ The installation quality of the clamp is easy to guarantee, and can be inspected with the naked eye without special training.
◆ Good corrosion resistance, using high-quality materials. The material is exactly the same as the wire, ensuring that the wire clamp has strong resistance to electrochemical corrosion.

提示 /prompt

◆ 由于线夹的特殊结构，线夹受力后只能使用一次，不得重复使用。
◆ 选配产品或订货时必须提供导线的规格型号。
◆ 不得在线夹上搭接，但在线夹前后的导线上进行搭接是允许的。
◆ 线夹和导线的旋向应保持一致。标准的线夹是右旋，如需左旋产品须声明。

◆ Due to the special structure of the wire clip, the wire clip can only be used once after being stressed, and cannot be reused.
◆ The specification and model of the wire must be provided when selecting products or ordering.
◆ No overlap on the wire clamp, but overlap on the wires before and after the wire clamp is allowed.
◆ The direction of rotation of the wire clamp and the wire should be consistent. The standard clamp is right-handed, if you need left-handed products, you must declare.

预绞式拉线耐张线夹
Pre-twisted cable clamp

预绞式拉线耐张线夹用于固定杆塔、铁塔、微波塔拉线的拉线线夹，可替代目前在线路塔杆上常用的固定拉线的楔形线夹等。

独特的设计使拉线耐张的结构简单，性能可靠，安装后线夹预绞丝双腿绞合形成的空管缠绕在拉线上可产生极强的握紧力，绞环用以固定在地锚或塔杆上。

The pretwisted tension cable clamp is used to fix the cable of tower, iron tower and microwave Tara line. It can replace the wedge-shaped wire clamp commonly used to fix the cable on the line tower pole.

The unique design makes the cable simple in structure and reliable in performance. After installation, the empty pipe formed by the twining of the two legs of the wire clamp is wound on the cable, which can produce strong gripping force. The twining ring is used to fix on the ground anchor or tower rod.

特点 /trait

◆ 线夹强度高，握力可靠。线夹握力强度不小于 95% CUTS(绞线计算拉断力)。
◆ 线夹对绞线应力分布均匀，不损伤绞线，提高了绞线抗振能力，大大延长了导线的使用寿命。
◆ 安装简单，便于施工。可大大缩短施工时间，无需任何专用工具，一人即可完成操作。
◆ 线夹的安装质量易于保证，用肉眼即可进行检验，不需专门训练。
◆ 耐腐蚀性好，选用优质材料。材质与导线完全一致，保证线夹具有较强的抗电化学腐蚀的能力。

◆ The clamp has high strength and reliable grip. The grip strength of the clamp is not less than 95% CUTS (calculated breaking force of twisted wire).
◆ The stress distribution of the wire clamp to the stranded wire is even, does not damage the stranded wire, improves the anti-vibration ability of the stranded wire, and greatly extends the service life of the wire.
◆ Simple installation and easy construction. Can greatly shorten the construction time, without any special tools, one person can complete the operation.
◆ The installation quality of the clamp is easy to guarantee, and can be inspected with the naked eye without special training.
◆ Good corrosion resistance, using high-quality materials. The material is exactly the same as the wire, ensuring that the wire clamp has strong resistance to electrochemical corrosion.

提示 /prompt

◆ 由于线夹的特殊结构，线夹受力后只能使用一次，不得重复使用。
◆ 选配产品或订货时必须提供导线的规格型号。
◆ 不得在线夹上搭接，但在线夹前后的导线上进行搭接是允许的。
◆ 线夹和导线的旋向应保持一致。标准的线夹是右旋，如需左旋产品须声明。

◆ Due to the special structure of the wire clip, the wire clip can only be used once after being stressed, and cannot be reused.
◆ The specification and model of the wire must be provided when selecting products or ordering.
◆ No overlap on the wire clamp, but overlap on the wires before and after the wire clamp is allowed.
◆ The direction of rotation of the wire clamp and the wire should be consistent. The standard clamp is right-handed, if you need left-handed products, you must declare.

钢绞线用预绞式拉线耐张线夹选型表
Table Selection of Preformed Guys Tension Set for Steel wire

产品型号 Modle	DL/T763-2001 标准对照 Stanductor Control	适用导线直径范围 (mm) Conductor Dia.(mm)	适用导线类型 YD/T5004-1993 (mm2) Suitabe Conductor (mm2)	线夹长度 (mm) Clamp Length (mm)	色码 Color Cooe
DN 2410	NL-25/G	6.60	25	636	黄 Yellow
DN 2411	NL-35/G	7.65~-7.95	35	712	黑 Black
DN 2412	NL-50/G	8.95~-9.30	50	903	绿 Green
DN 2413	NL-70/G	10.82~-11.10	70	1018	蓝 Blue
DN 2414	NL-95/G	12.50	95	1335	红 Red
DN 2415	NL-100/G	13.00	100	1335	绿 Green
DN 2416	NL-120/G	14.00	120	1464	蓝 Blue

备注：1、表中 DT/L 763-2001 标准型号含义：N- 耐张线夹；L- 螺旋预绞式； "~" 后为适用钢绞线型号。

2、钢绞线用预绞式拉线耐张线夹的原材料为镀锌钢线；表中仅列出部分产品，其他规格可与我公司联系。

Note: 1. DT/L 763-2001 standard Model in the table means: N-tensioning wire clamp; L-helical pre-twist type; "-" is the type of applicable strand wire.

2. The raw material of the tensioning clamp of the pre-twisted cable for steel strand is galvanized steel wire; Only some products are listed in the table. For other specifications, please contact us.

预绞式悬垂线夹
Pre-twisted suspension clamp

预绞式悬垂线夹用于将导线固定在直线杆塔的绝缘子串上，或将避雷线悬挂在直线杆塔上。可替代目前线路上广泛使用的 XGU、XGF 等船型悬垂线夹。

预绞式悬垂线夹由橡胶制成的双曲线腰鼓形减振垫，减振垫外缠绕铝合金预绞丝，在预绞丝外，装高强度铝合金套壳，套壳外再加上铝合金 U 型卡组成。

预绞式悬垂线夹利用双曲线腰鼓形减振垫包住导线于悬挂处，具有握力大、电晕小、重量轻、磁损小的特点。特别适合于 220KV 及以上线路，以及重冰区、大跨越线路工程。

The pre-twisted hanging wire clamp is used to fix the conductor on the insulator string of the straight line tower, or to suspend the lightning line on the straight line tower. It can replace XGU, XGF and other boat type suspension clamps which are widely used in the current line.

Pre-stranded suspension clamp is made of rubber hyperbolic waist drum damping pad, damping pad wrapped aluminum alloy pre-stranded wire, in the pre-stranded wire, high strength aluminum alloy sleeve, and aluminum alloy U-shaped card outside the shell.

The pre-twisted suspension wire clamp uses the hyperbolic waist drum damping pad to enclose the wire at the suspension place. It has the characteristics of large grip force, small corona, light weight and small magnetic loss. Especially suitable for 220kV and above lines, as well as heavy ice area, large crossing line engineering.

产品系列分为 /The product series is divided into

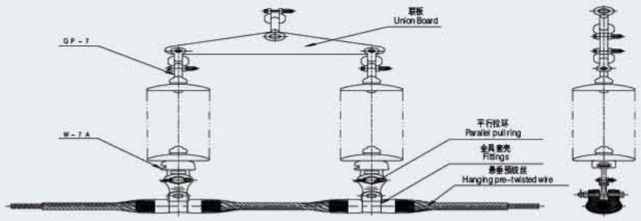
预绞式导线悬垂线夹

预绞式地线悬垂线夹

Pre-twisted wire suspension clamp

Pre-twisted ground wire suspension clamp





特点 /Features

◆ 悬挂点应力分散到整个预绞丝长度上，有效减小了导线所受静态应力和微风振动引起的动态应力， 避免了导线受损伤。

◆ 悬挂点应力分散，大大提高了导线抗疲劳特性，延长了导线的使用寿命。

◆ 预绞丝可提供可靠的握紧力、承受较高的不平衡荷载，从而避免导线滑移。

◆ 特殊的结构，可降低电磁损耗并消除电晕放电，较传统悬垂线夹具有明显的节能特性。

◆ 增强了导线挂点的刚度，增大了曲率半径，单支点线夹可达 300 转向角，双支点线夹可达 600 转向角。

◆ The stress at the suspension point is distributed to the whole length of the pre-twisted wire, which effectively reduces the static stress and the dynamic stress caused by the breeze vibration of the wire, and avoids the damage of the wire.

◆ Suspension point stress dispersion, greatly improve the anti-fatigue characteristics of the wire, prolong the service life of the wire.

◆ Pre-twisted wire can provide reliable gripping force and bear high unbalanced load, so as to avoid wire slip.

◆ The special structure can reduce the electromagnetic loss and eliminate the corona discharge. Compared with the traditional hanging wire clip, it has obvious energy-saving characteristics.

◆ The stiffness of the hanging point of the wire is enhanced, and the radius of curvature is increased. The single fulcrum line clamp can reach 300 turning Angle, and the double fulcrum line clamp can reach 600 turning Angle.

预绞式悬垂线夹
Pre-twisted suspension clamp

提示 /prompt

◆ 选配时需注明导线型号规格。

◆ 当转向角在 300 ~ 600 之间，或大跨越工程中，应用双支点悬垂线夹直接与绝缘子串相连。

◆ 须经培训的工人方可安装本产品。

◆ When selecting and matching, the wire type and specification must be indicated.

◆ When the steering angle is between 300 and 600, or in large-span projects, the double fulcrum suspension clamp should be used to directly connect with the insulator string.

◆ Only trained workers can install this product.

预绞式导线悬垂线夹
Preformed Lead Suspension Set

钢芯铝绞线单支点 / 双支点用预绞式导线悬垂线夹选型表
Table Selection of Preformed Lead Suspension Set/Double Suspension Set for ACSR

产品型号 单支点 / 双支点 Model	DL/T763-2001 标准对照 Standard Control	适用导线直径范围 (mm) Conductor Dia. (mm)		线夹长度 (mm) Clamp Length(mm)	色码 Color Code	适用导线类型 Suitabe	垂直破断强度 (KN) Failing Load	配套金具 Matcher Hardware
		最小 MIN	最大 MAX					
DX 5111	CL-35/6	8.03	8.31	662	黄 Yellow	35/6	50/100	GHX-15
DX 5611				972				
DX 5112	CL-50/8	9.53	9.88	662	黑 Black	50/8		
DX 5612				970				
DX 5113	CL-70/10	11.05	11.45	916	蓝 Blue	70/10		
DX 5613				1120				
DX 5114	CL-50/30	11.46	11.94	916	绿 Green	50/30		
DX 5614				1220				
DX 5116	CL-70/40	13.49	13.78	1043	红 Red	70/40 95/15	60/120	
DX 5616	CL-95/15			1350				
DX 5117	CL95/20	13.79	14.10	1120	黄 Yellow	95/20		
DX 5617				1472				
DX 5118	CL-120/7	14.11	14.56	1120	黑 Black	120/7		
DX 5618				1470				
DX 5119	CL-120/20	14.57	15.10	1144	蓝 Blue	120/20		
DX 5619				1472				
DX 5120	CL-95/55 CL-120/25	15.75	16.39	1270	绿 Green	95/55 120/25		
DX 5620				1680				
DX 5121	CL-150/20	16.40	17.10	1374	红 Red	150/20 150/25	70/140	
DX 5621	CL-150/25			1832				
DX 5122	CL-150/35	17.11	17.54	1374	黄 Yellow	150/35		
DX 5622				1832				
DX 5123	CL-120/70	17.55	18.04	1374	黑 Black	120/70 185/10		
DX 5623	CL-185/10			1832				
DX 5124	CL-185/25 CL-180/30	18.59	19.00	1424	蓝 Blue	185/25 185/30		
DX 5624				1832				
DX 5125	CL-185/45	19.52	20.10	1527	绿 Green	185/45	100/200	GHX-20

预绞式悬垂线夹
Preformed Suspension Set

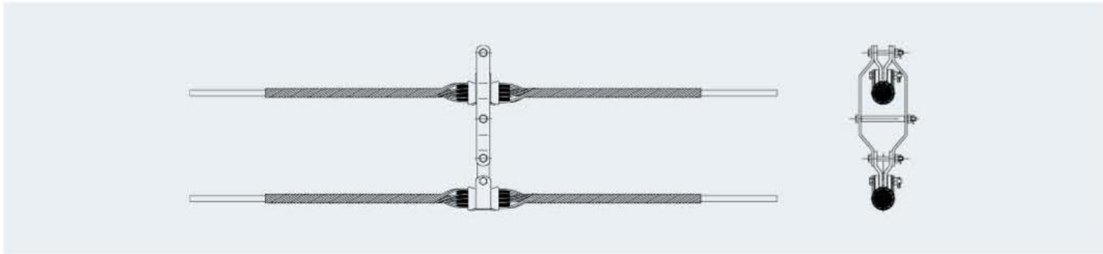
钢芯铝绞线单支点 / 双支点用预绞式导线悬垂线夹选型表 (续表)
Selection table of pre–twisted conductor suspension clamp for single fulcrum/double fulcrum of steel core aluminum stranded wire (continued)

产品型号 单支点 / 双支点 Model	DL/T763–2001 标准对照 Standard Control	适用导线直径范围 (mm) Conductor Dia. (mm)		线夹长度 (mm) Clamp Length(mm)	色码 Color Code	适用导线类型 Suitabe	垂直破断强度 (KN) Failing Load	配套金具 Matcher Hardware
		最小 MIN	最大 MAX					
DX 5126	CL–210/35	20.11	20.94	1551	红 Red	210/35	100/200	GHX–20
DX 5626	CL–210/50			1982				
DX 5127	CL–240/30	21.48	22.09	1628	黄 Yellow	240/30 240/40		
DX 5627	CL–240/40			2082				
DX 5128	CL–240/55	22.10	22.69	1653	黑 Black	240/55		
DX 5628				2082				
DX 5129	CL–300/15	22.70	23.05	1653	蓝 Blue	300/15		
DX 5629				2082				
DX 5130	CL–300/25	23.39	23.79	1678	绿 Green	300/25		
DX 5630				2292				
DX 5131	CL–300/40 CL–300/50	23.80	24.45	1702	红 Red	300/40 300/50		
DX 5631				2292				
DX 5132	CL–300/70	25.08	25.54	1755	黄 Yellow	300/70		
DX 5632				2292				
DX 5134	CL–400/20 CL–400/25	26.43	27.29	2085	黑 Black	400/20 400/25	130/260	GHX–25
DX 5634				2742				
DX 5135	CL–400/50	27.30	27.69	2100	蓝 Blue	400/50		
DX 5635				2745				
DX 5136	CL–400/65	27.70	28.40	2100	绿 Green	400/65		
DX 5636				2745				
DX 5137	CL–400/95	28.88	29.26	2100	红 Red	400/95		
DX 5637				2745				

备注：钢芯铝绞线单支点 / 双支点用预绞式导线悬垂线夹的原材料为铝包钢或铝合金线；表中仅列出部分产品，其他规格请与我公司联系，欢迎垂询。

Note: the raw material of pre–twisted wire suspension clamp for single–fulcrum/double–fulcrum steel–cored aluminum strand wire is aluminum–clad steel or aluminum alloy wire; Only some products are listed in the table, other specifications please contact us, welcome to inquire.

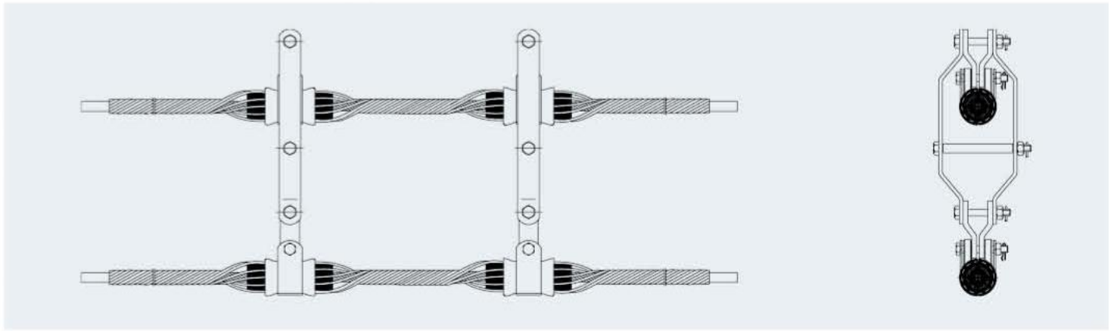
垂直双分裂预绞式悬垂线夹
Vertical double split pre – stranded suspension clip



垂直双分裂预绞式悬垂线夹选型表
Vertical double split pre – stranded suspension clip selection table

型号 Model	主要尺寸 Main dimensions					标称破坏载荷 (KN) Nominal failure load (kN)	参考重量 Weight(KG)
	L	C	M	H1	H		
CLC–80–240/30–400	1626	50	16	400	150	80	9.7
CLC–80–240/40–400	1626	50	16	400	150	80	9.7
CLC–80–300/25–400	1676	50	16	400	155	80	12.1
CLC–80–300/40–400	1702	50	16	400	155	80	12.1
CLC–80–400/35–400	2083	50	16	400	160	80	15.3
CLC–80–400/50–400	2083	50	16	400	160	80	15.7
CLC–80–500/45–500	2083	50	16	500	160	80	16.5
CLC–80–500/45–600	2083	50	16	500	160	80	17.1
CLC–80–630/45–500	2235	50	16	500	170	80	22.1
CLC–80–630/45–600	2235	50	16	600	170	80	22.7
CLC–80–630/55–500	2235	50	16	500	170	80	22.1
CLC–80–630/55–600	2235	50	16	600	170	80	22.7
CLC–100–240/30–400	1626	50	18	400	150	100	9.7
CLC–100–240/40–400	1626	50	18	400	150	100	9.7
CLC–100–300/25–400	1676	50	18	400	155	100	12.1
CLC–100–300/40–400	1702	50	18	400	155	100	12.1
CLC–100–400/35–400	2083	50	18	400	160	100	15.3
CLC–100–400/50–400	2083	50	18	400	160	100	15.7
CLC–100–500/45–500	2083	50	18	500	160	100	16.5
CLC–100–500/45–600	2083	50	18	600	160	100	17.1
CLC–100–630/45–500	2235	50	18	500	170	100	22.1
CLC–100–630/45–600	2235	50	18	600	170	100	22.7
CLC–100–630/55–500	2236	50	18	500	170	100	22.1
CLC–100–630/55–600	2236	50	18	600	170	100	22.7
CLC–120–240/30–400	1626	50	22	400	150	120	10.0
CLC–120–240/40–400	1626	50	22	400	150	120	10.0
CLC–120–300/25–400	1676	50	22	400	155	120	12.4
CLC–120–300/40–400	1702	50	22	400	155	120	12.4
CLC–120–400/35–400	2083	50	22	400	160	120	15.6
CLC–120–400/50–400	2083	50	22	400	160	120	16.0
CLC–120–500/45–500	2083	50	22	500	160	120	16.8
CLC–120–500/45–600	2083	50	22	600	160	120	17.4
CLC–120–630/45–500	2235	50	22	500	170	120	22.4
CLC–120–630/45–600	2235	50	22	600	170	120	23.0
CLC–120–630/55–500	2235	50	22	500	170	120	22.4
CLC–120–630/55–600	2235	50	22	600	170	120	23.0
CLC–160–400/35–400	2083	50	24	400	160	160	15.9
CLC–160–400/50–400	2083	50	24	400	160	160	16.0
CLC–160–500/45–500	2083	50	24	500	160	160	16.8
CLC–160–500/45–600	2083	50	24	600	160	160	17.7
CLC–160–630/45–500	2235	50	24	500	170	160	22.7
CLC–160–630/45–600	2235	50	24	600	170	160	23.3
CLC–160–630/55–500	2235	50	24	500	170	160	22.7
CLC–160–630/55–600	2235	50	24	600	170	160	23.3

垂直双分裂双挂点预绞式悬垂线夹
Vertical double split double hanging point pre – stranded suspension clip



型号 Model	主要尺寸 Main dimensions						标称破坏载荷 (KN) Nominal failure load (kN)	参考重量 Weight(KG)
	L	L1	C	M	H	H1		
CLCS–160–240/30–400	2080	400	50	18	150	400	160	15.9
CLCS–160–240/40–400	2080	400	50	18	150	400	160	15.9
CLCS–160–300/25–400	2290	450	50	18	155	400	160	18.1
CLCS–160–300/40–400	2290	450	50	18	155	400	160	18.1
CLCS–160–400/35–400	2740	500	50	18	160	400	160	24.5
CLCS–160–400/50–400	2740	500	50	18	160	400	160	25.3
CLCS–160–500/45–500	2740	500	50	18	160	500	160	26.4
CLCS–160–500/45–600	2740	500	50	18	160	500	160	27.3
CLCS–160–630/45–500	2970	600	50	18	160	500	160	35.0
CLCS–160–630/45–600	2970	600	50	18	170	600	160	35.9
CLCS–160–630/55–500	2970	600	50	18	170	500	160	35
CLCS–160–630/55–600	2970	600	50	18	170	600	160	35.9
CLCS–200–240/30–400	2080	400	50	18	150	400	200	15.9
CLCS–200–240/40–400	2080	400	50	18	150	400	200	15.9
CLCS–200–300/25–400	2290	450	50	18	155	400	200	18.1
CLCS–200–300/40–400	2290	450	50	18	155	400	200	18.1
CLCS–200–400/35–400	2740	500	50	18	160	400	200	24.5
CLCS–200–400/50–400	2740	500	50	18	160	400	200	25.3
CLCS–200–500/45–500	2740	500	50	18	160	500	200	26.4
CLCS–200–500/45–600	2740	500	50	18	160	600	200	27.3
CLCS–200–630/45–500	2970	600	50	18	160	500	200	35.0
CLCS–200–630/45–600	2970	600	50	18	170	600	200	35.9
CLCS–200–630/55–500	2970	600	50	18	170	500	200	35.0
CLCS–200–630/55–600	2970	600	50	18	170	600	200	35.9
CLCS–240–240/30–400	2080	400	50	22	150	400	240	16.0
CLCS–240–240/40–400	2080	400	50	22	150	400	240	16.0
CLCS–240–300/25–400	2290	450	50	22	155	400	240	18.2
CLCS–240–300/40–400	2290	450	50	22	155	400	240	18.2
CLCS–240–400/35–400	2740	500	50	22	160	400	240	24.6
CLCS–240–400/50–400	2740	500	50	22	160	400	240	25.4
CLCS–240–500/45–500	2740	500	50	22	160	500	240	26.5
CLCS–240–500/45–600	2740	500	50	22	160	600	240	27.4
CLCS–240–630/45–500	2970	600	50	22	160	500	240	35.1
CLCS–240–630/45–600	2970	600	50	22	170	600	240	36.0
CLCS–240–630/55–500	2970	600	50	22	170	500	240	35.1
CLCS–240–630/55–600	2970	600	50	22	170	600	240	36.0
CLCS–320–400/35–400	2740	500	50	24	160	400	320	24.9
CLCS–320–400/50–400	2740	500	50	24	160	400	320	25.7
CLCS–320–500/45–500	2740	500	50	24	160	500	320	26.8
CLCS–320–500/45–600	2740	500	50	24	160	600	320	27.7
CLCS–320–630/45–500	2970	600	50	24	160	500	320	35.2
CLCS–320–630/45–600	2970	600	50	24	1700	600	320	36.2
CLCS–320–630/55–500	2970	600	50	24	170	500	320	35.4
CLCS–320–630/55–600	2970	600	50	24	170	600	320	36.2

垂直双分裂双挂点预绞式悬垂线夹
Vertical double split double hanging point pre – stranded suspension clip

铝绞线单支点 / 双支点用预绞式导线悬垂线夹选型表
Table Selection of Preformed Lead Suspension Set/Double Suspension Set for Aluminum wire

产品型号 单支点 / 双支点 Model	DL/T763–2001 标准对照 Standard Control	适用导线直径范围 (mm) Conductor Dia. (mm)		线夹长度 (mm) ClampLength	色码 Color Code	适用导线类型 Suitable Condrctor GB1179–83 铝绞线 LJ	垂直破断强度 (KN) Failing Load	配套金具 Matched Hardware
		最小 Min	最大 Max					
DX 5115	CL–95	12.24	12.69	1018	绿 Green	95	60/120	GHX–15
DX 5615				1350				
DX 5117	CL–120	13.79	14.10	1120	黄 Yellow	120		
DX 5617				1472				
DX 5120	CL–150	15.75	16.39	1272	绿 Green	150		
DX 5620				1680				
DX 5122	CL–185	17.11	17.54	1374	黄 Yellow	185	70/140	
DX 5622				1830				
DX 5124	CL–210	18.59	19.00	1424	蓝 Bule	210		
DX 5624				1830				
DX 5125	CL–240	19.52	20.10	1526	绿 Green	240	100/200	GHX–20
DX 5625				1980				
DX 5128	CL–300	22.10	22.69	1653	黑 Black	300		
DX 5628				2080				
DX 5133	CL–400	25.55	25.97	2034	绿 Green	400	130/260	GHX–25
DX 5633				2740				

备注：铝绞线单支点 / 双支点用预绞式导线悬垂线夹的原材料为铝合金线；表中仅列出部分产品，其他规格请与我公司联系，欢迎垂询。
Note: Aluminum strand single–fulcrum/double–fulcrum pre–stranded wire suspension clamp raw material is aluminum alloy wire; Only some products are listed in the table, other specifications please contact us, welcome to inquire.

预绞式地线悬垂线夹
Preformed Ground Suspension Set

钢绞线单支点 / 双支点用预绞式地线悬垂线夹选型表
Table Selection of Preformed Ground suspension Set/Double Suspension Set for Steel wire

产品类型 单节点 / 双节点 Model	DL/T763-2001 标准对照 Standard Control	适用导线直径范 (mm) Conductor Dia.(mm)		适用导线类型 GB 1200-75 Suitable Conductor		线夹长度 (mm) Clamp Length(mm)	色码 color code	破断强度 (KN) Failure Load	配套金具 Matched Hardware
		最小 MIN	最大 MAX	外径 (mm)	绞结构 Configuration				
DX 5410	CL-1/G	6.90	7.20	7.0	19W	660	黄 Yellow	40/80	GHX-15
DX 5910	CL-1/GS					960			
DX 5411	CL-4/G	7.72	8.01	7.8(35)	7W	660	红 Red		
DX 5911	CL-4/GS					960			
DX 5412	CL-6/G	8.32	8.69	8.4	7W	660	蓝 Blue		
DX 5912	CL-6/GS					960			
DX 5413	CL-7/G	8.70	9.03	9.0(50)	7W/19W	660	绿 Green		
DX 5913	CL-7/GS					960			
DX 5414	CL-9/G	9.53	9.89	9.6	7W	660	黑 Black		
DX 5914	CL-9/GS					960			
DX 5415	CL-10/G	9.90	10.27	10.0	19W	900	黄 Yellow	50/100	
DX 5915	CL-10/GS					1220			
DX 5416	CL-11/G	10.28	10.62	10.5	7W	900	红 Red		
DX 5916	CL-11/GS					1220			
DX 5417	CL-12/G	10.63	11.03	11(70)	19W	900	蓝 Blue		
DX 5917	CL-12/GS					1220			
DX 5418	CL-13/G	11.04	11.43	11.4	7W	900	绿 Green		
DX 5918	CL-13/GS					1220			
DX 5419	CL-15/G	11.96	12.22	12	7W/19W	900	黑 Black		
DX 5919	CL-15/GS					1220			
DX 5420	CL-16/G	12.23	12.70	12.5(95)	19W	1143	红 Red		
DX 5920	CL-16/GS					1440			

备注：表中仅列出部分产品，其他规格请与我公司联系，欢迎垂询。

Remark: only some products are listed in the table, other specifications please contact us, welcome to inquire.

预绞式接续金具
Preformed Splice fittings

预绞式导线接续条
Preformed Conductor Splice

预绞式接续金具可分为导线接续条、跳线接续条、钢芯铝绞线用全张力接续条、T 型连接条、预绞式 (钢绞线拉 / 地线用) 接续条、铝包钢绞线用接续条。每类产品依据使用环境和线路材料的不同，均有钢芯铝绞线用、铝绞线用、钢绞线用三个系列。除钢芯铝绞线用全张力接续条外，所有接续条都为单层预绞丝；钢芯铝绞线用全张力接续条由内层钢芯接续条、填充条和外层接续条三层接续条组成。

预绞式接续金具与目前广泛使用的接续管、液压管相比，具有安装方便、接续质量好、耐腐蚀性强、重量轻且富有弹性、不影响导线原有的机械特性及电气特性的优点。

The pre – twisted connecting equipment can be divided into wire connecting bar, jumper connecting bar, full tension connecting bar for steel–core aluminum stranded wire, T – type connecting bar, pre – twisted (for steel stranded wire/ground wire) connecting bar, aluminium – clad steel stranded wire connecting bar. Each type of product according to the use of environment and line material, there are steel core aluminum strand, aluminum strand, steel strand with three series. All connectors are single–layer pre–twisted wire except full tension connectors for steel–cored aluminum stranded wire. The full tension bonding strip for steel–core aluminum stranded wire is composed of three layers of inner steel core bonding strip, filling strip and outer bonding strip. Compared with the widely used connecting pipe and hydraulic pipe, the pre–twisted connecting fittings have the advantages of convenient installation, good connecting quality, strong corrosion resistance, light weight and elasticity, and no influence on the original mechanical and electrical characteristics of the wire.

预绞式接续金具
Preformed Splice fittings

产品系列分为 /Product range is divided into

预绞式导线接续条 Pre–twisted wire coupling strip
预绞式跳线接续条 Pre–twisted jumper connector
预绞式地线接续条 Pre–twisted ground wire coupling strip
预绞式拉线接续 Pre–twisted cable connection

预绞式导线接续条
Preformed Lead Splice



钢芯铝绞线用预绞式全张力接续条
Preformed Lead Splice for ACSR





特点 /trait

◆ 接续条可完全恢复导地线的机械强度，即可 100％达到原导地线的计算拉断力。
◆ 耐腐蚀性好：预绞式接续条所用材料和导线相同。从而保证良好的抗腐蚀性能。不同类型的导线可分别使用与之相配的接续条。
◆ 用于导线的预绞式接续条，其内层涂覆一层良好导电性能的导电砂，因而接续后导线的导电性能好。
◆ 安装方便：接续条的安装迅速、简单、方便。操作安装不受导线带电与否的影响，可避免为修复操作导地线而造成的停电。
◆ 适应性强：重量轻、富有弹性，抗振能力强、使用寿命长。

◆ The connecting strip can completely restore the mechanical strength of the grounding wire, and can reach 100% of the calculation of the original grounding wire's breaking force.
◆ Good corrosion resistance: the material and wire used for the pre–twisted joint are the same. So as to ensure good corrosion resistance. Different types of conductors can be separately used with a matching joint.
◆ The inner layer of the pre–twisted connecting strip used for wire is coated with a layer of conductive sand with good conductive performance, so the conductive performance of the wire after connecting is good.
◆ Easy installation: the installation of the connection strip is quick, simple and convenient. The operation and installation is not affected by whether the wire is live or not, which can avoid the power failure caused by repairing the operating guide ground wire.
◆ Adaptability: light weight, elastic, strong anti–vibration ability, long service life.

预绞式接续金具
Preformed Splice fittings

提示 /prompt

◆ 当钢芯铝绞线外层铝线及铝导线全断时，可采用导线接续条修复。可恢复 100％的机械强度和电气性能。

◆ 钢芯铝绞线外层铝线和钢芯发生了破坏时，应采用钢芯铝绞线用全张力接续条，可恢复 100％的机械强度和电气性能。

◆ 当钢绞线拉 / 地线损伤时，应采用钢绞线拉 / 地线接续条修复，可恢复 100％的机械强度。

◆ T 型接续条用于叉接相同线经或不同线经的导线，握力不小于导线额定拉断力的 25％。

◆ 所有的导线，不管使用过与否，在安装导线接续条前必须将导线彻底清洁打磨去除氧化层直至露出光泽。在安装产品以前必须用高质量的、与导线相匹配的导电脂涂在导线表面。

◆ 预绞式导线接续条设计用于特定的场合并且只能使用一次。任何情况下都不能重复使用。

◆ When the outer aluminum wire and aluminum wire of the steel-core aluminum stranded wire are broken, the wire connecting strip can be used to repair. It can restore 100% mechanical strength and electrical properties.

◆ When the outer aluminum wire and the steel core are damaged, the steel core aluminum strand should be connected with the full tension strip, which can restore 100% mechanical strength and electrical performance.

◆ When the steel strand pull/ground wire is damaged, the steel strand pull/ground wire connector should be used to repair, which can restore 100% mechanical strength.

◆ T type connector is used to cross the same wire or different wire warp, the grip strength is not less than 25% of the rated breaking force of the wire.

◆ All conductors, whether used or not, must be thoroughly cleaned and polished to remove the oxide layer until the sheen is exposed before installing the connector. Before installing the product, the conductor must be coated with a high quality conductive grease that matches the conductor.

◆ Pre-twisted wire connector is designed for specific occasions and can only be used once. It should not be reused under any circumstances.

产品型号 Model	适用导线直径范围 (mm) Conductor Dia.(mm)		适用导线类 GB1179-1983Suitable Conductor	色码 Color Code	线夹长度 (mm) Clamp Length(mm)
	最小 MIN	最大 MAX			
JX 4110	4.40	4.90	10/2	红 Red	535
JX 4111	5.30	5.70	16/3	黄 Yellow	585
JX 4112	6.60	7.10	25/4	蓝 Blue	695
JX 4113	8.00	8.60	35/6	绿 Green	795
JX 4114	9.40	9.80	50/8	黑 Black	975
JX 4115	11.30	11.75	50/30,70/10	红 Red	1075
JX 4116	13.30	13.80	70/40,95/15	黄 Yellow	1305
JX 4117	13.81	14.00	95/20	蓝 Blue	1326
JX 4118	14.41	15.10	120/7,120/20	绿 Green	1555
JX 4119	15.60	16.20	95/55,120/25,150/8	黑 Black	1707
JX 4120	16.50	17.00	150/20	红 Red	1755
JX 4121	17.01	17.60	150/25,150/35	黄 Yellow	1783
JX 4122	17.80	18.20	120/70,185/10	蓝 Blue	1965
JX 4123	18.60	19.20	185/25,185/30,210/10	绿 Green	2012
JX 4124	19.50	20.10	185/45,210/25	黑 Black	2113
JX 4125	20.20	20.96	210/35,210/50	红 Red	2135
JX 4126	21.50	21.64	240/30	黄 Yellow	2185
JX 4127	21.65	22.50	240/40,240/55	蓝 Blue	2520
JX 4128	22.90	23.50	300/15,300/20	绿 Green	2675
JX 4129	23.60	24.30	300/25,300/40,300/50	黑 Black	2745
JX 4130	24.90	25.40	300/70	红 Red	2825
JX 4131	26.50	27.10	400/20,400/25,400/35	黄 Yellow	3078
JX 4132	27.50	27.90	400/50	蓝 Blue	3230
JX 4133	27.91	28.20	400/65	绿 Green	3485
JX 4134	29.00	29.50	400/95	黑 Black	3586
JX 4135	29.80	30.20	500/35,500/45	红 Red	3595
JX 4136	30.80	31.20	500/65	黄 Yellow	3635

备注：1. 表中 DL/T763-2001 标准型号中字母与数字的意义：J- 接续条，L- 螺旋预绞式，数字 - 产品规格，L- 铝绞线；铝 线 全部受损，钢芯未被破坏的钢芯铝绞线接续可参照此表选用。

2. 铝绞线用预绞式导线接续条的原材料为铝合金线；表中仅列出部分产品，其他规格可与我公司联系。

Note: 1. The meaning of letters and numbers in the standard Model DL/T763-2001 in the table: J-joint, L-helix pre-twisted, number-product specifications, L-aluminum stranded wire; All the aluminum wires are damaged, and the connection of the steel-core aluminum stranded wires with the steel core not damaged can be selected by referring to this table.

2. The raw material of the pre-twisted wire connecting strip for aluminum strand wire is aluminum alloy wire; Only some products are listed in the table. For other specifications, please contact us.

预绞式接续金具
Preformed Splice fittings

铝包钢绞线用预绞式导线接续条选型表
Table Selection of Preformed Conductor Splice for Aluminum clad Steel wire

产品型号 Model	适用钢绞线直径 (mm)Suitable Steel Strand Dia.(mm)	色码 ColorCode	线夹长度 (mm)Clamp Length(mm)
JX 5410	4.42-4.60	红 Red	500
JX 5411	5.56-5.85	黄 Yellow	620
JX 5412	5.86-6.00	蓝 Blue	650
JX 5413	6.01-6.28	绿 Green	650
JX 5414	6.29-6.56	黑 Black	680
JX 5415	6.57-6.84	紫 purple	695
JX 5416	6.85-7.12	红 Red	730
JX 5417	7.13-7.40	黄 Yellow	755
JX 5418	7.41-7.67	蓝 Blue	755
JX 5419	7.68-7.95	绿 Green	780
JX 5420	7.96-8.23	黑 Black	805
JX 5421	8.24-8.54	紫 purple	805
JX 5422	8.55-8.86	红 Red	860
JX 5423	8.87-9.25	黄 Yellow	935
JX 5424	9.26-9.63	蓝 Blue	960
JX 5425	9.64-10.01	绿 Green	975
JX 5426	10.02-10.39	黑 Black	1040
JX 5427	10.40-10.82	紫 purple	1060
JX 5428	10.83-11.23	红 Red	1290
JX 5429	11.24-11.66	黄 Yellow	1360
JX 5430	11.67-12.04	蓝 Blue	1390
JX 5431	12.05-12.55	绿 Green	1420
JX 5432	12.57-13.08	黑 Black	1470

备注： 铝包钢绞线用预绞式导线接续条的原材料为铝包钢线；表中仅列出部分产品，其他规格可与我公司联系。

Note: The raw material of the pre-twisted wire connection for the aluminum-clad steel stranded wire is aluminum-clad steel wire; Only some products are listed in the table. For other specifications, please contact us.

钢芯铝绞线用全张力预绞式导线接续条选型表
Table Selection of Full Tension Preformed Conductor Splice for ACSR

产品型号 Model	DL/T 763-2001 标准对照 Standard Control	适用导线类型 Suitable CondiutorGB1179-1983/GB1179-74		色码 olor Code	线夹长度 (mm)Clamp Length(mm)		
					钢芯 Steel Core	填充条 Fill Bar	外层 Outer
QJ-50/8	JL-50/8	50/8	6/1	红 Red	508	无	1375
QJ-70/10	JL-70/10	70/10	6/1	黄 Yellow	410	410	1500
QJ-70/40	JL-70/40	70/40	12/7	蓝 Blue	745	无	2245
QJ-95/15	JL-95/15	95/15	26/7	绿 Green	510	510	1910
QJ-95/20	JL-95/20	95/20	7/7	黑 Black	515	515	1732
QJ-95/55	JL-95/55	95/55	12/7	红 Red	795	无	2510
QJ-95/0	JL-95/0	95	28/7	黄 Yellow	740	740	1884
QJ-120/20	JL-120/20	120/20	26/7	蓝 Blue	510	510	2070
QJ-120/25	JL-120/25	120/25	7/7	黄 Yellow	560	560	2170
QJ-120/0	JL-120/0	120	28/7	绿 Green	613	613	2214
QJ-150/0	JL-150/0	150	28/7	黑 Black	640	640	2390
QJ-150/20	JL-150/20	150/20	24/7	红 Red	640	640	2418
QJ-150/25	JL-150/25	150/25	26/7	黄 Yellow	640	640	2418
QJ-150/35	JL-150/35	150/35	30/7	蓝 Blue	690	690	2470
QJ-185/30	JL-185/30	185/30	26/7	绿 Green	665	665	2670
QJ-185/25	JL-185/25	185/25		黑 Black	640	640	2645
QJ-185/0	JL-185/0	185	28/7	红 Red	690	690	2696
QJ-210/25	JL-210/25	210/25	24/7	黄 Yellow	640	640	2748
QJ-240/0	JL-240/0	240	28/7	蓝 Blue	790	790	3230
QJ-240/30	JL-240/30	240/30	24/7	绿 Green	690	690	3078
QJ-240/40	JL-240/40	240/40		黑 Black	738	738	3078
QJ-240/0	JL-240/0	240	24/7	红 Red	690	690	3129
QJ-300(1)	JL-300(1)	300(1)	24/7	黄 Yellow	716	716	3409

预绞式接续金具
Preformed Splice fittings

续上表
Continued table

产品型号 Model	DL/T 763-2001 标准对照 Standard Control	适用导线类型 Suitable CondiutorGB1179-1983/GB1179-74		色码 olor Code	线夹长度 (mm)Clamp Length(mm)		
					钢芯 Steel Core	填充条 Fill Bar	外层 Outer
QJ-300/40	JL-300/40	300/40	24/7	绿 Green	741	741	3434
QJ-300/0	JL-300/0	300	28/19	黑 Black	1046	1046	3662
QJ-400/25	JL-400/25	400/25	45/7	红 Red	640	640	4018
QJ-400/35	JL-400/35	400/35	48/7	黄 Yellow	691	691	4323
QJ-400/50	JL-400/50	400/50	54/7	蓝 Blue	792	792	4348
QJ-400/0	JL-400/0	400	28/19	绿 Green	1173	1173	4221
QJ-500/45	JL-500/45	500/45	48/7	黑 Black	787	787	4450
QJ-500/35	JL-500/35	500/35	45/7	红 Red	695	695	4445
QJ-500/65	JL-500/65	500/65	54/7	黄 Yellow	890	890	4730

备注：1. 表中 DL/T763-2001 标准型号中字母与数字的意义：J- 接续条； L- 螺旋预绞式； 数字 - 产品规格；/0- 指适用于 GB1179-74 标准的钢芯铝绞线。

2. 钢芯铝绞线用全张力预绞式导线接续条的原材料为铝合金线及镀锌钢线；表中仅列出部分产品，其他规格可与我公司联系。

Note: 1. The meaning of letters and numbers in the DL/T763-2001 standard Model in the table: J- junction strip; L-helical pre-twist type; Digital - product specifications; /0- applies to GB1179-74 standard steel core aluminum stranded wire.

2. The raw materials of the full tension pre-twisted wire connecting strips for steel-cored aluminum strand wires are aluminum alloy wires and galvanized steel wires; Only some products are listed in the table. For other specifications, please contact us.

接续管补强用预绞式导线接续条选型表
Table Selection of Shut Conductor Splice

产品型号 Model	导线直径范 (mm) Conductor Dia. (mm)		适用导线类 GB1179-1983 Suitable Conductor			接续管类型 Type	接续管最大长度 Length(mm)	线夹长度 (mm) Clamp Length(mm)
	最小 MIN	最大 MAX	钢芯铝绞线 LGJ/LGJFSteel Reinforced Conductor		铝绞线 LJ			
BJX 4216	12.24	12.78			95	JT-95L	280	1490
BJX 4217	13.26	13.82	95/45	JT			690	2030
BJX 4218	13.83	14.40	90/20	JT	120	JT-120L	690	2060
BJX 4219	14.41	15.09	120/20	JY/JTB			430	2020
BJX 4220	15.72	16.36	120/25	JY	150	JT/JY-150L	490	2080
BJX 4221	16.37	17.04	150/20	JY/JTB			470	2270
BJX 4222	17.05	17.78	150/25，150/35	JY/JTB	185	JT/JY-185L	530	2240
BJX 4223	18.53	19.30	185/25，185/30	JY/JTB	210	JY-210L	540	2530
BJX 4224	19.31	20.12	185/45，210/25	JY/JTB	240	JY-240L	570	2570
BJX 4225	20.13	20.96	210/35，210/50	JY/JTB			600	2780
BJX 4226	20.97	21.61	240/30	JY/JTB			570	2850
BJX 4227	21.62	22.50	240/40，240/55	JY/JTB	300	JY-300L	640	3110
BJX 4228	22.51	23.60	300/15，300/20	JY/JYD			580	3200
BJX 4229	23.61	24.59	300/25，300/40，300/50	JY/JYD			660	3430
BJX 4230	24.60	25.60	300/70	JY/JYD			720	3590
BJX 4231	25.61	26.67	400/25	JY/JYD	400	JY-400L	660	3790
BJX 4232	26.68	27.71	400/35，400/50	JY/JYD			730	4020
BJX 4233	27.72	23.50	400/95，500/35，500/45	JY/JYD	500	JY-500L	830	4480

预绞式跳线接续条
Preformed Jump Splice

钢芯铝绞线用预绞式跳线接续条选型表
Table Selection of Preformed Jump Splice for ACSR

产品型号 Model	适用导线直径范围 (mm) Suitable Conductor Dia(mm)		适用导线类 GB1179-1983 Suitable Conductor	色码 Color Code	线夹长度 (mm)Clamp Length(mm)
	最小 MIN	最大 MAX	钢芯铝绞线 LGJ/LGJF Steel Reinforced Aluminium Conductor		
TJ 4110	4.40	4.90	10/2	红 Red	535
TJ 4111	5.30	5.70	16/3	黄 Yellow	585
TJ 4112	6.60	7.10	25/4	蓝 Blue	695
TJ 4113	8.00	8.60	35/6	绿 Green	510
TJ 4114	9.40	9.80	50/8	黑 Black	635
TJ 4115	11.30	11.75	50/30,70/10	红 Red	645
TJ 4116	13.30	13.80	70/40,95/15	黄 Yellow	785
TJ 4117	13.81	14.00	95/20	蓝 Blue	795
TJ 4118	14.41	15.10	120/7,120/20	绿 Green	930
TJ 4119	15.60	16.20	95/55,120/25,150/8	黑 Black	990
TJ 4120	16.50	17.00	150/20	红 Red	1020
TJ 4121	17.01	17.60	150/25,150/35	黄 Yellow	1060
TJ 4122	17.80	18.20	120/70,185/10	蓝 Blue	1100
TJ 4123	18.60	19.20	185/25,185/30,210/10	绿 Green	1126
TJ 4124	19.50	20.10	185/45,210/25	黑 Black	1183
TJ 4125	20.20	20.96	210/35,210/50	红 Red	1195
TJ 4126	21.50	21.64	240/30	黄 Yellow	1223
TJ 4127	21.65	22.50	240/40,240/55	蓝 Blue	1411
TJ 4128	22.90	23.50	300/15,300/20	绿 Green	1471
TJ 4129	23.60	24.30	300/25,300/40,300/50	黑 Black	1510
TJ 4130	24.90	25.40	300/70	红 Red	1497
TJ 4131	26.50	27.10	400/20,400/25,400/35	绿 Green	1631
TJ 4132	27.50	27.90	400/50	蓝 Blue	1615
TJ 4133	27.91	28.20	400/65	绿 Green	1747
TJ 4134	29.00	29.50	400/95	黑 Black	1793
TJ 4135	29.80	30.20	500/35,500/45	红 Red	1805
TJ 4136	30.80	31.20	500/65	绿 Green	1818

备注：钢芯铝绞线用预绞式跳线接续条的原材料为铝合金线；表中仅列出部分产品，其他规格可与我公司联系。

Note: the raw material of the pre-twisted jumper connecting the steel-core aluminum strand is aluminum alloy wire; Only some products are listed in the table. For other specifications, please contact us.

预绞式跳线接续条
Preformed Jump Splice

铝绞线用预绞式跳线接续条选型表
Table Selection of Preformed Jump Splice for Aluminum wire

产品型号 Model	适用导线直径范围 (mm) Suitable Conductor Dia(mm)		适用导线类 GB1179-1983 Suitable Conductor	色码 Color Code	线夹长度 (mm) Clamp Length(mm)
	最小 MIN	最大 MAX	铝绞线 LJ Aluminium Stranded Conductor		
TJ 4316	8.90	9.25	50	红 Red	519
TJ 4317	10.50	10.90	70	黄 Yellow	615
TJ 4318	12.25	12.75	95	蓝 Blue	704
TJ 4319	13.81	14.00	120	绿 Green	796
TJ 4320	15.60	16.20	150	黑 Black	1026
TJ 4321	17.01	17.60	185	红 Red	1070
TJ 4322	18.60	19.20	210	黄 Yellow	1107
TJ 4323	19.50	20.10	240	黑 Black	1162
TJ 4324	21.65	22.50	300	蓝 Blue	1186
TJ 4325	25.82	26.29	400	绿 Green	1539
TJ 4326	29.00	29.50	500	红 Red	1793

备注： 铝绞线用预绞式跳线接续条的原材料为铝合金线；表中仅列出部分产品，其他规格可与我公司联系。
Note: The raw material of the pre-twisted jumper connecting the aluminum strand wire is aluminum alloy wire; Only some products are listed in the table. For other specifications, please contact us.

预绞式地线接续条
Preformed Ground Splice

钢绞线用预绞式地线接续条选型表
Table Selection of Preformed Ground Splice for Steel wire

产品型号 Model	适用钢绞线截面积 (mm^2) Suitable Steel Strand Sectiond Area(mm^2)	色码 Color Code	线夹长度 (mm) Clamp Length(mm)
DJ 4425	25	黄 Yellow	1195
DJ 4435	35	红 Red	1412
DJ 4450	50	蓝 Blue	1556
DJ 4470	70	绿 Green	1960

备注： 钢绞线用预绞式地线接续条的原材料为镀锌钢线；表中仅列出部分产品，其他规格可与我公司联系。
Note: The raw material of the pre-twisted ground wire connecting bar for steel strand is galvanized steel wire; Only some products are listed in the table. For other specifications, please contact us.

预绞式拉线接续条
Preformed Guys Splice

产品结构 /Product structure

预绞式安全备份线夹，是有一组承载导线握力与一组电气分流系统组成。
承载导线握力的构件有：
U 型环，心型环，预绞式耐张线夹，填充条，补强接续条。
电气分流的构件有：
分流条。(电阻不大于等长度导线的 1.1 倍)
II、产品特点
1、缓解了压缩耐张线夹对导线的应力集中现象，同时分担了压缩耐张的电流传送的压力，避免了过热现象的发生。
2、预绞式安全备份线夹，自身所具备对导线拉断力 40% 的握紧力，在输电线路出现突发情况时，可以第一时间握住导线，防止脱落。
3、线夹对导线应力分布均匀，不损伤导线，提高了导线的抗振能力，大大延长了导线的使用寿命。
4、耐腐蚀性好：材质与导线完全一致，从而保证较强的耐腐蚀性。
5、安装简单：线夹可快捷、简单地手工在现场安装，无需任何专用工具，由一人即可完成操作。
6、安装质量易于保证：线夹的安装质量易于保证，一致性强，不需专门训练，肉眼即可进行检验，外观简洁美观。
The pre – twisted safety backup wire clamp is composed of a group of carrying wire grip force and a group of electrical shunt system.
The members that bear the grip force of the wire are:
U – ring, heart – ring, pre – stranding tensioning clip, filling bar, reinforcing joint bar.
Electrical shunt components are:
The shunt. (Resistance not more than 1.1 times of the same length of wire)
II. Product features
1. It relieves the stress concentration phenomenon of the compression tensioning wire clamp on the wire, shares the pressure of the compression tensioning current transmission, and avoids the occurrence of overheating phenomenon.
2. Pre–twisted safety backup wire clip, with its own grasping force of 40% of the wire breaking force, can hold the wire for the first time in case of an emergency of the transmission line to prevent falling off.
3, the wire clamp on the wire stress distribution is uniform, do not damage the wire, improve the anti–vibration capacity of the wire, greatly extend the service life of the wire.
4, good corrosion resistance: the material is completely consistent with the wire, so as to ensure strong corrosion resistance.
5. Easy installation: the wire clip can be installed quickly and easily by hand on the site, without any special tools, the operation can be completed by one person.
6, the installation quality is easy to guarantee: the installation quality of the wire clip is easy to guarantee, strong consistency, without special training, naked eye can be inspected, simple and beautiful appearance.

预绞式拉线接续条
Preformed Guys Splice

钢绞线用预绞式拉线接续条选型表
Table Selection of Preformed Guys Splice for Steel wire

产品型号 Model	DL/T763–2001 标准对照 Standard Control	适用钢绞线截面积 (mm^2) Suitable Steel Strand Sectiond Area(mm^2)	色 码 Color Code	线夹长度 (mm)Clamp Length(mm)
LJ 4425	JL–25/G	25	黄 Yellow	930
LJ 4435	JL–35/G	35	红 Red	1080
LJ 4450	JL–50G	50	蓝 Blue	1225
LJ 4470	JL–70/G	70	绿 Green	1470

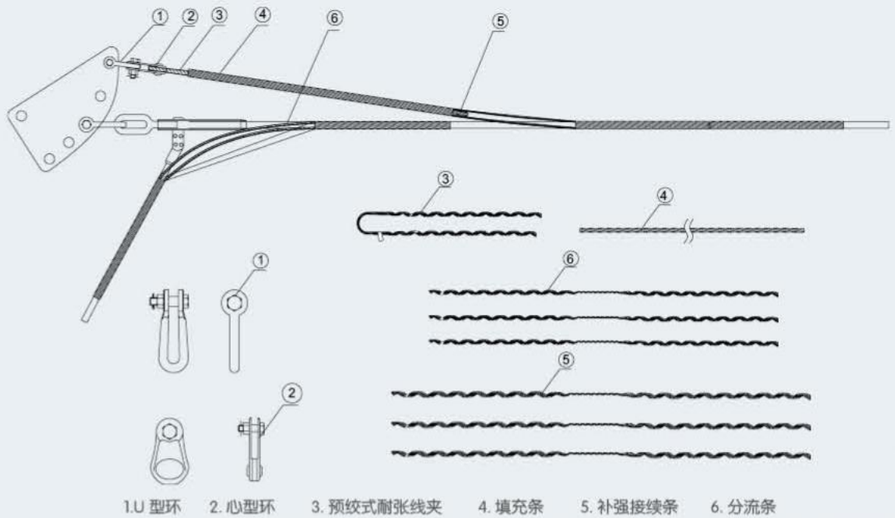
备注：1. 表中 DL/T763–2001 标准型号中字母与数字的意义：J– 接续条；L– 螺旋预绞式；数字 – 产品规格；G– 钢绞线。钢绞线 (YD/T 5004–1993)。
2. 钢绞线用预绞式拉线接续条的原材料为镀锌钢线；表中仅列出部分产品，其他规格可与我公司联系。
Note: 1. The meaning of letters and numbers in the DL/T763–2001 standard Model in the table: J– junction strip; L–helical pre–twist type; Digital – product specifications; G– steel strand. Stranded wire (YD/T 5004–1993).
2. The raw material of the pre–stranded cable connecting the steel strand is galvanized steel wire; Only some products are listed in the table. For other specifications, please contact us.

导线安全备份线夹
Conductor Safety backup clamp

在电力输电线路运行中，时有发生在耐张线夹连接处有断线、过热等现象，给线路运行带来安全隐患，我司生产的预绞式安全备份线夹，可以完美的解决方案。
In the operation of power transmission lines, there are some phenomena such as broken wire and overheating at the connection of tension wire clamp, which bring safety risks to the operation of the line. The pre-twisted safety backup wire clamp produced by our company can be a perfect solution.

产品及安装示意图 /Product Installation Diagram





1.U 型环　2. 心型环　3. 预绞式耐张线夹　4. 填充条　5. 补强接续条　6. 分流条
1. U-shaped ring 2. Heart-shaped ring 3. Pre-twisted tension clamp 4. Filler strip 5. Reinforced splice strip 6. Shunt strip

导线安全备份线夹
Conductor Safety backup clamp

选型表 /Selection table

产品型号 Product Model	适用导线直径范围(mm)Applicable wire diameter range (mm)		配置清单 Configuration list					
	最小 MIN	最大 MAX	补强接续条 Reinforce the splice	分流条 Article shunt	U 型环 U-shaped ring	心型环 U-shaped ring	耐张线夹 Strain clamp	填充条 Filler
SDG-95/15	13.26	13.82	SLS-0133	CS-0133	UL-7	TC-7	NL-35G-29	GJ-35
SDG-95/20	13.83	14.40	SLS-0134	CS-0134	UL-7	TC-7	NL-35G-29	GJ-35
SDG-120/20	14.41	15.09	SLS-0135	CS-0135	UL-7	TC-7	NL-50BG-30	GJ-50
SDG-120/25	15.72	16.36	SLS-0137	CS-0137	UL-7	TC-10	NL-50BG-36	GJ-50
SDG-150/20	16.37	17.04	SLS-0138	CS-0138	UL-7	TC-10	NL-80BG-29	JLB-80
SDG-150/25	17.05	17.78	SLS-0139	CS-0139	UL-7	TC-10	NL-80BG-29	JLB-80
SDG-150/35	17.05	17.78	SLS-0139	CS-0139	UL-7	TC-10	NL-80BG-32	JLB-80
SDG-185/25	18.53	19.3	SLS-0141	CS-0141	UL-7	TC-10	NL-80BG-36	JLB-80
SDG-185/30	18.53	19.3	SLS-0141	CS-0141	UL-7	TC-10	NL-80BG-36	JLB-80
SDG-185/45	19.31	20.12	SLS-0142	CS-0142	UL-7	TC-10	NL-80BG-40	JLB-80
SDG-210/25	19.31	20.12	SLS-0142	CS-0142	UL-7	TC-10	NL-80BG-40	JLB-100
SDG-210/35	20.13	20.96	SLS-0143	CS-0143	UL-7	TC-10	NL-80BG-40	JLB-100
SDG-210/50	20.13	20.96	SLS-0143	CS-0143	UL-7	TC-10	NL-80BG-40	JLB-100
SDG-240/30	21.62	22.50	SLS-0145	CS-0145	UL-10	TC-12	NL-120BG-48	JLB-100
SDG-240/40	21.62	22.50	SLS-0145	CS-0145	UL-10	TC-12	NL-120BG-48	JLB-100
SDG-240/55	21.62	22.50	SLS-0145	CS-0145	UL-10	TC-12	NL-120BG-48	JLB-100
SDG-300/15	22.51	23.60	SLS-0146	CS-0146	UL-10	TC-12	NL-120BG-48	JLB-120
SDG-300/20	22.51	23.60	SLS-0146	CS-0146	UL-10	TC-12	NL-120BG-48	JLB-120
SDG-300/25	23.61	24.59	SLS-0147	CS-0147	UL-10	TC-12	NL-120BG-48	JLB-120
SDG-300/40	23.61	24.59	SLS-0147	CS-0147	UL-10	TC-12	NL-120BG-48	JLB-120
SDG-300/50	23.61	24.59	SLS-0147	CS-0147	UL-10	TC-12	NL-150BG-48	JLB-150
SDG-300/70	24.60	25.60	SLS-0148	CS-0148	UL-10	TC-12	NL-150BG-48	JLB-150
SDG-400/25	25.61	26.67	SLS-0149	CS-0149	UL-10	TC-12	NL-185BG	GJ-185
SDG-400/35	26.68	27.71	SLS-0150	CS-0150	UL-10	TC-12	NL-185BG	GJ-185
SDG-400/50	26.68	27.71	SLS-0150	CS-0150	UL-10	TC-12	NL-185BG	GJ-185
SDG-400/65	27.72	28.87	SLS-0151	CS-0151	UL-12	TC-12	NL-185/30	LGJ-185/30
SDG-400/95	28.88	30.05	SLS-0152	CS-0152	UL-12	TC-12	NL-240/30	LGJ-240/30
SDG-500/35	28.88	30.05	SLS-0152	CS-0152	UL-12	TC-12	NL-240/30	LGJ-240/30
SDG-500/40	28.88	30.05	SLS-0152	CS-0152	UL-12	TC-12	NL-240/30	LGJ-240/30
SDG-500/45	28.88	30.05	SLS-0152	CS-0152	UL-12	TC-12	NL-240/30	LGJ-240/30
SDG-630/45	33.6	34.32	SLS-0155	CS-0152	UL-16	TC-16	NL-300/40	LGJ-300/40
SDG-630/55	33.6	34.32	SLS-0155	CS-0152	UL-16	TC-16	NL-300/40	LGJ-300/40



预绞丝护线条
Preformed armor rods

预绞丝护线条 /Preformed armor rods

型号 Model	适应导线 Suitable Conductor	主要尺寸 Main Dimensions			根数 The number of	参考重量 Weight (kg)
		D	d	L		
FYH-35/6	LGJ-35/6	7.1	3.6	1000	9	0.20
FYH-50/8	LGJ-50/8	8.0	3.6	1100	9	0.25
FYH-50/30	LGJ-50/30	9.8	3.6	1300	11	0.30
FYH-70/10	LGJ-70/10	9.7	3.6	1300	11	0.33
FYH-95/15	LGJ-95/15	11.4	3.6	1400	13	0.53
FYH-95/20	LGJ-95/20	11.4	3.6	1400	13	0.54
FYH-95/55	LGJ-95/55	13.3	3.6	1500	16	0.62
FYH-120/7	LGJ-120/7	12.0	3.6	1400	14	0.55
FYH-120/20	LGJ-120/20	12.5	3.6	1400	14	0.57
FYH-120/25	LGJ-120/25	13.0	3.6	1400	14	0.58
FYH-120/70	LGJ-120/70	14.9	4.6	1800	14	0.75
FYH-150/8	LGJ-150/8	13.3	3.6	1500	16	0.62
FYH-150/20	LGJ-150/20	14.7	3.6	1500	16	0.65
FYH-150/25	LGJ-150/25	14.2	3.6	1500	16	0.64
FYH-150/35	LGJ-150/35	14.5	3.6	1500	16	0.66
FYH-185/10	LGJ-185/10	14.9	4.6	1800	14	1.24
FYH-185/25	LGJ-185/25	15.7	4.6	1800	14	1.25
FYH-185/30	LGJ-185/30	15.7	4.6	1800	14	1.26
FYH-185/45	LGJ-185/45	16.3	4.6	1800	14	1.26
FYH-210/10	LGJ-210/10	15.9	4.6	1800	14	1.27
FYH-210/25	LGJ-210/25	16.6	4.6	1800	14	1.28
FYH-210/35	LGJ-210/35	16.9	4.6	1800	14	1.28
FYH-210/50	LGJ-210/50	17.3	4.6	1800	14	1.30
FYH-240/30	LGJ-240/30	17.9	4.6	1900	16	1.44
FYH-240/40	LGJ-240/40	17.9	4.6	1900	16	1.44
FYH-240/55	LGJ-240/55	18.6	4.6	1900	13	1.50
FYH-300/15	LGJ-300/15	19.1	6.3	2000	13	2.30
FYH-300/20	LGJ-300/20	19.4	6.3	2000	13	2.30
FYH-300/25	LGJ-300/25	19.7	6.3	2000	13	2.33
FYH-300/40	LGJ-300/40	19.9	6.3	2000	13	2.34
FYH-300/50	LGJ-300/50	20.1	6.3	2000	13	2.34
FYH-300/70	LGJ-300/70	20.9	6.3	2000	13	2.54
FYH-400/20	LGJ-400/20	22.3	6.3	2200	14	2.80
FYH-400/25	LGJ-400/25	22.1	6.3	2200	14	2.80
FYH-400/35	LGJ-400/35	22.3	6.3	2200	14	2.80
FYH-400/50	LGJ-400/50	23.0	6.3	2200	14	2.80
FYH-400/65	LGJ-400/65	23.2	6.3	2200	14	2.83
FYH-400/95	LGJ-400/95	24.8	6.3	2200	14	2.85
FYH-500/35	LGJ-500/35	24.9	6.3	2500	16	3.48
FYH-500/45	LGJ-500/45	24.9	6.3	2500	16	3.48
FYH-500/65	LGJ-500/65	25.7	6.3	2500	16	3.50
FYH-630/45	LGJ-630/45	27.9	7.8	2500	15	5.32
FYH-630/55	LGJ-630/55	28.5	7.8	2500	15	5.40
FYH-630/80	LGJ-630/80	28.9	7.8	2500	15	5.40
FYH-720/50	LGJ-720/50	31.0	7.8	3000	15	6.20
FYH-800/55	LGJ-800/55	31.8	7.8	2500	17	6.02
FYH-800/70	LGJ-800/70	32.1	7.8	2500	17	6.10
FYH-800/100	LGJ-800/100	32.3	7.8	2500	17	6.20

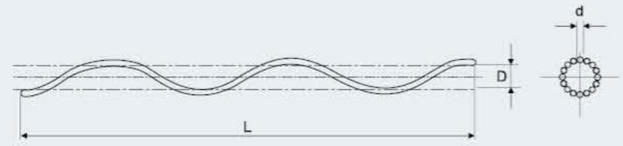


预绞丝护线条

FYH-BG 预绞丝护线条(铝包钢绞线用)
FYH-BG pre-stranded wire protection line (for aluminum clad steel stranded wire)

规格及技术参数 Specifications and technical parameters

型号 Model	钢绞线外径 (mm)	主要尺寸 Main dimensions (mm)			根数 The number of	重量 weight
	型号 Model	d	D	L		
FYH-50BG	LBGJ-50-23AC	3.6	7.7	1000	9	0.95
FYH-80BG	JLB1A-80	3.6	9.6	1400	12	1.61
FYH-100BG	LBGJ-100-20AC	3.6	11.0	1400	12	1.92
FYH-120BG	JLB1A-120	3.6	12.0	1400	14	1.72
FYH-150BG	LBGJ-150-40AC	3.6	13.2	1500	15	1.98
FYH-185BG	LBGJ-185-20AC	3.6	14.5	1500	16	2.10



附录 1 钢芯铝绞线 (LGJ/GJF) 的结构与技术指标 GB1179–83

Annfindixl :Index of structure and technical for aluminium wire

标称截面 Nominal cross – section (mm^2) 铝合金 / 钢 Aluminum alloy / steel	结构根数 / 直径 Number of structures / diameter (mm)		计算截面 Calculate the section(mm^2)			外径 Outside diameter (mm)	直流电阻不大于 DC resistance is not greater than(Ω / km)	计算拉断力 Calculate the breaking force (N)	计算重量 Calculate weight (kg/km)	交货长度不小于 Delivery length not less than (m)
	铝 aluminum	钢 steel	铝 aluminum	钢 steel	总计 total					
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	6/3.20	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	0.3058	35000	380.8	2000
95/20	7/4.16	7/1.85	95.14	18.82	113.96	13.87	0.3019	37200	408.9	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	149.73	15.74	0.2345	47880	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	187.01	24.25	211.29	18.90	0.1542	59420	706.1	2000
185/30	26/2.98	7/2.32	181.34	29.59	201.93	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
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	390.88	34.36	425.24	26.82	0.07389	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	635.19	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

附录 2 铝绞线 (LJ) 的结构与技术指标 GB1179–83

Appendix2:Index of structure and technical for aluminium wire

标称截面 Nominal cross – section (mm^2)	结构根数 / 直径 Number of structures / diameter (mm)	计算截面 Calculate the section (mm^2)	外径 Outside diameter (mm)	直流电阻不大于 DC resistance is not greater than (Ω / km)	计算拉断力 Calculate the breaking force (N)	计算重量 Calculate weight (kg/km)	交货长度不小于 Delivery length is not less than (m)
16	7/1.70	15.89	5.10	1.802	2840	43.5	4000
25	7/2.15	25.41	6.45	1.127	4355	69.6	3000
35	7/2.50	34.36	7.50	0.8332	5760	94.1	2000
50	7/3.00	49.48	9.00	0.5786	7930	135.5	1500
70	7/3.60	71.25	10.80	0.4018	10950	195.1	1250
95	7/4.16	95.14	12.48	0.3009	14450	260.5	1000
120	19/2.85	121.21	14.25	0.2373	19420	333.5	1500
150	19/3.15	148.07	15.75	0.1943	23310	407.4	1250
185	19/3.50	182.80	17.50	0.1574	28440	503.0	1000
210	19/3.75	209.85	18.75	0.1371	32260	577.4	1000
240	19/4.00	238.76	20.00	0.1205	36260	656.9	1000
300	37/3.20	297.57	22.40	0.09689	46850	820.4	1000
400	37/3.70	397.83	25.90	0.07247	61150	1097	1000
500	37/4.16	502.90	29.12	0.05733	76370	1387	1000
630	61/3.63	631.30	32.67	0.04577	91940	1744	800
800	61/4.10	805.36	36.90	0.03588	115900	2225	800

附录 3 扩径导线结构与技术指标

Appendix3:Index of structure and technical for conductor

型号与规格 Model and specifications			LGKK–587	LGKK–900	LGKK–1400
导线外径 Outside diameter of conductor (mm)			51	49	57
计算截面积 Calculate the cross–sectional area (mm^2)	铝 aluminum 钢 steel 总计 total		586.7 49.5 636.2	906.4 84.83 991.23	1387.8 106.0 1493.8
导线结构根数 / 直径 Number of wire structures / diameter (Mm)	中芯支撑层金属软管外径 Outer Diameter of Metallic Hose for SMC Support Layer		39.0	27.0	27.0
	内层 Inner layer	铝 aluminum	35/3.0	18/3.0	15/3.0
	内层 Inner layer	钢 steel	7/3.0	12/3.0	15/3.0
	次内层、铝 The inner layer, aluminum		48/3.0	28/4.0	28/4.0
	次外层、铝 The outer layer, aluminum		/	34/4.0	34/4.0
	最外层、铝 Outermost, aluminum		/	/	40/4.0
计算总拉断力 The total breaking force is calculated (kN)			137	205	289
弹性系数 Coefficient of elasticity (kN/mm^2)			71.54	58.7	58.02
线胀系数 Coefficient of linear expansion(io–6/℃)			20.6	20.4	20.8
直流电阻 DC Resistance(20℃ Ω /km)			0.0514	0.03317	0.02163
载流量 Carrying capacity(7℃ A)			750	1020	1290
单位重量 unit weight(kg/km)			2711	3650	5159

附录 4 NRLH58GJ 型耐热铝合金钢芯绞线结构与技术指标

Appendix4:Index of structure and technical for NRLH 58GJ

标称截面 Nominal cross – section (mm^2) 铝合金 / 钢 Aluminum alloy / steel	结构根数 / 直径 Number of structures / diameter (mm)		计算截面 Calculate the section (mm^2)			外径 Outside diameter (mm)	20℃直流阻不大于 DC resistance is not greater than (Ω / km)	计算拉断力 Calculate the breaking force (N)	计算重量 Calculate weight (kg/km)
	铝合金 Aluminum alloy	钢 steel	铝合金 Aluminum alloy	钢 steel	总计 total				
300/50	26/3.83	7/2.98	299.54	48.82	348.35	24.26	0.1014	101090	1210
400/50	54/3.07	7/3.07	399.73	51.82	451.55	27.63	0.0761	117845	1513
500/65	54/3.44	7/3.44	501.88	65.06	566.94	30.96	0.0606	147963	1899
630/80	54/3.87	19/2.32	635.19	80.32	715.51	34.82	0.0479	187792	2190
800/100	54/4.33	19/2.60	795.17	100.88	896.05	38.93	0.0383	231560	2995
1440/120	84/4.67	19/2.80	1438.81	116.99	1555.89	51.36	0.0213	344502	4928

附录 5 NRLH60GJ 型耐热铝合金钢芯绞线

Appendix5:Index of structure and technical for NRLH60GJ

标称截面 Nominal cross-section (mm^2) 铝合金 / 钢 Aluminum alloy / steel	结构根数 / 直径 Number of structures / diameter (mm)		计算截面 Calculate the section (mm^2)			外径 Outside diameter (mm)	20℃直流阻不大于 DC resistance is not greater than (Ω / km)	计算拉断力 Calculate the breaking force (N)	计算重量 Calculate weight (kg/km)
	铝合金 Aluminum alloy	钢 steel	铝合金 Aluminum alloy	钢 steel	总计 total				
400/50	54/3.07	7/3.07	399.73	51.82	451.55	27.63	0.07370	117911	1511
400/50	24/4.60	7/3.00	398.86	49.48	448.34	27.40	0.07345	114939	1489
500/65	54/3.44	7/3.44	501.88	65.06	566.94	30.96	0.05870	148047	1897
630/80	54/3.87	19/2.32	635.19	80.32	715.51	34.82	0.04638	187951	2388
800/100	54/4.33	19/2.60	795.17	100.88	896.05	38.98	0.03705	231685	2991
1440/120	84/4.67	19/2.80	1438.81	116.99	1555.80	51.36	0.02057	344642	4930

附录 6 镀锌钢绞线的结构与技术指标 YB/T5004-2001

Appendix6: Structure and Technical Index for Galvanized Steel Strand: YB/T5004-2001

结构 Structure	钢丝直径 Steel Wire Dia. (mm)	钢绞线直径 Steel Strand Dia. (mm)	钢绞线截面积 Section Area of Steel Wire (mm^2)	公称抗拉强度 Rated Pulling-Resistance Strength(N/mm^2)					参考重量 Referene Weight (kg/100m)
				1175	1270	1370	1470	1570	
				钢丝破断拉力总和，kN 不小于 Sum of Failure Load of Steel wire not less than(kN)					
1×3	2.9	6.2	19.82	23.29	25.17	27.15	29.14	31.12	15.99
1×3	3.20	6.4	24.13	28.35	30.65	33.06	35.47	37.88	19.47
1×3	3.50	7.5	28.86	33.91	36.65	39.54	42.43	45.31	23.29
1×3	4.00	8.6	37.70	44.30	47.88	51.65	55.42	59.19	30.42
1×7	1.00	3.0	5.50	6.46	6.98	7.54	8.08	8.64	4.37
1×7	1.20	3.6	7.92	9.31	10.06	10.85	11.64	12.43	6.29
1×7	1.40	4.2	10.78	12.67	13.69	14.77	15.85	16.92	8.56
1×7	1.60	4.8	14.07	16.53	17.87	19.28	20.68	22.09	11.17
1×7	1.80	5.4	17.81	20.93	22.62	24.40	26.18	27.96	14.14
1×7	2.00	6.0	21.99	25.84	29.73	30.13	32.32	34.52	17.46
1×7	2.30	6.9	29.08	34.17	36.93	39.84	42.75	45.66	23.09
1×7	2.60	7.8	37.17	43.60	47.20	50.92	54.63	58.35	29.51
1×7	2.90	8.7	46.24	54.33	58.72	63.35	67.97	72.60	36.71
1×7	3.20	9.6	56.30	66.15	71.50	77.13	82.76	88.39	44.70
1×7	3.50	10.5	67.35	79.14	85.85	92.27	99.00	105.74	53.48
1×7	3.80	11.4	79.39	93.28	100.82	108.76	116.70	124.64	63.04
1×7	4.00	12.0	87.96	103.35	111.71	120.50	129.30	138.10	69.84
1×19	1.60	8.0	38.20	44.88	48.51	52.33	56.15	59.97	30.40
1×19	1.80	9.0	48.35	56.81	61.40	66.24	71.07	75.91	38.49
1×19	2.00	10.0	59.69	70.14	75.81	81.78	87.74	93.71	47.51
1×19	2.30	11.5	78.94	92.75	100.25	108.15	116.04	123.94	62.84
1×19	2.60	13.0	100.88	118.53	128.12	138.20	148.29	158.38	80.30
1×19	2.90	14.5	125.50	147.46	159.38	171.93	184.48	197.03	99.90
1×19	3.20	16.0	152.81	179.55	194.06	209.35	224.63	239.91	121.64
1×19	3.50	17.5	182.80	214.79	232.16	250.44	268.72	287.00	145.51
1×19	4.00	20.0	238.76	280.54	303.23	327.10	350.98	374.86	190.05

附录 7 铝包钢芯铝合金绞线 JLHA1/LB1A GB/T 1179-1999

Aluminum alloy conductor with aluminum clad-sfeel reinforced JLHA1/LB1A GB/T 1179-1909

规格号 Specifications No.	钢比 % Than steel	面积 area			单线根数 The number of single-line		单线直径 Single wire diameter		直径 diameter		单位长度重量 kg/km Weight per unit length	额定抗拉力 kN Rated tensile strength	2℃直流电流不大于 Ω/km 2 ℃ DC Flow is not greater than
		铝合金 Aluminum alloy	铝包钢 Aluminum-clad	总计 total	铝合金 Aluminum alloy	铝包钢 Aluminum-clad	铝合金 Aluminum alloy	铝包钢 Aluminum-clad	铝包钢 Aluminum-clad	绞线 Twisted			
		mm^2					mm		mm				
16	16.7	17.7	2.96	20.7	6	1	1.94	1.94	1.94	5.82	66.1	9.31	1.789
25	16.7	27.7	4.62	32.3	6	1	2.42	2.42	2.42	7.28	106.4	14.54	1.132
40	16.7	44.3	7.39	51.7	6	1	3.07	3.07	3.07	9.21	170.2	23.27	0.707
63	16.7	69.8	11.6	81.4	6	1	3.85	3.85	3.85	11.6	268.0	34.79	0.449
100	16.7	110	18.5	129	6	1	4.85	4.85	4.85	14.6	425.5	53.38	0.283
125	5.6	143	7.94	151	18	1	3.18	3.18	3.18	15.9	445.5	55.97	0.229
125	16.3	139	22.6	151	26		2.61	2.03	6.08	16.5	532.0	72.17	0.227
160	5.6	183	10.2	193	18		3.60	3.60	3.60	18.0	570.3	69.21	0.179
160	16.3	178	28.9	206	26	7	2.95	2.29	6.88	18.7	680.9	92.38	0.179
200	5.5	229	12.7	241	18		4.02	4.02	4.02	20.1	712.8	86.00	0.143
200	16.3	222	36.1	358	26	7	3.30	2.56	7.69	20.9	851.2	115.4	0.142
250	9.8	282	27.7	310	22	7	4.04	2.25	6.74	22.9	961.7	122.25	0.114
250	16.3	277	45.2	323	26	7	3.69	2.87	8.60	23.4	1064.0	141.5	0.114
315	6.9	359	24.6	364	45	7	3.19	2.12	6.37	25.5	1154.6	146.3	0.091
315	16.3	349	56.9	406	26	7	4.14	3.22	9.65	26.2	1340.6	178.38	0.090
400	6.9	456	31.5	487	45	7	3.59	2.39	7.18	28.7	1466.1	181.32	0.071
400	13.0	448	58.1	506	54	7	3.25	3.25	9.75	29.3	1621.6	215.22	0.071
450	6.9	513	35.4	548	45	7	3.81	2.54	7.62	30.5	1649.4	203.99	0.063
450	13.0	5041	65.3	569	54	7	3.45	3.45	10.3	31.0	1624.3	240.8	0.063
500	6.9	570	39.4	609	45	7	4.01	2.68	8.03	32.1	1832.6	226.6	0.057
500	13.0	560	72.6	632	54	7	3.63	3.63	10.9	32.7	2027.0	259.0	0.057
560	6.9	638	44.1	682	45	7	4.25	2.83	8.50	34.0	2052.6	253.8	0.051
560	12.7	625	79.5	707	54	19	3.85	2.31	11.5	34.8	2261.6	293.0	0.051
530	6.9	715	49.6	767	45	7	4.51	3.00	9.01	36.1	2309.1	285.58	0.045
630	12.7	706	89.4	795	54	19	4.08	2.45	12.2	36.7	2544.3	329.6	0.045
710	6.9	809	55.9	865	45	7	4.78	3.19	9.57	38.3	2602.3	321.8	0.046
710	12.7	796	101	896	54	19	4.33	2.60	13.0	39.0	2867.4	371.5	0.046
800	4.3	918	39.7	958	72	7	4.03	2.69	8.06	40.3	2798.8	336.7	0.036
800	8.3	906	75.6	983	84	7	3.71	3.71	11.1	40.8	3010.0	369.1	0.036
800	12.7	898	114	1010	54	19	4.60	2.78	13.6	41.4	3230.9	416.6	0.035
900	4.3	1033	44.6	1077	72	7	4.27	2.85	8.55	42.7	3148.6	378.89	0.032
900	8.3	1021	85.1	1106	84	7	3.93	3.93	11.8	43.2	3366.3	415.2	0.031
1000	4.3	1148	49.6	1197	72	7	4.50	3.00	9.01	45.0	3498.5	420.9	0.028
1120	4.2	1286	54.3	1340	72	19	4.77	1.91	9.54	47.7	3912.3	470.1	0.025
1120	8.1	1271	104	1375	84	19	4.39	2.63	13.2	48.3	4202.7	524.7	0.025
1250	4.2	1435	60.6	1495	72	19	5.04	2.01	10.1	50.4	4366.4	524.6	0.023
1250	8.1	1419	116	1535	84	19	4.64	2.78	13.9	51.0	4690.5	585.6	0.023

附录 8 电缆的结构尺寸及技术参数

Appendix8:Structural dimensions and technical parameters of cable

导体标称截面 (mm^2) Nominal cross section (mm^2)	紧压圆形导体中最少单线根数 Compact circular conductor minimum the number of single line		导体外径（参考值）(mm) Conductor OD (Reference)	绝缘标称厚度 (mm) insulation Nominal thickness	单芯电缆平均外径上限 (mm) The outer diameter of the upper limit of the average single-core cable (mm)	20℃时导体电阻不大于 (Ω/km) 20 ℃ conductor resistance is not greater than				额定工作温度时最小绝缘电阻 (MΩ · km) Rated Working temperature Minimum insulation resistance		电缆拉断力 (N) 不小于 Cable pull-off force (N) is not less than		
	铜芯 Copper core	错心及铝合金芯 Wrong and aluminum Alloy core				铜芯 Copper core		铝芯 Aluminum	铝合金芯 Aluminum alloy core	70℃	90℃	硬铜芯 Hard copper	铝芯 Aluminum	铝合金芯 Aluminum alloy core
						硬铜 Hard copper	软铜 Soft copper							
10	6	6	3.8	1.0	6.5	1.906	1.83	3.08	3.574	0.0067	0.67	3471	1650	2514
16	6	6	4.8w	1.2	8.0	1.198	1.15	1.91	2.217	0.0065	0.65	5486	2512	4022
25	6	6	6.0	1.2	9.4	0.749	0.727	1.20	1.303	0.0054	0.54	8465	3762	6284
35	6	6	7.0	1.4	11.0	0.540	0.524	0.868	1.007	0.0054	0.46	11731	5177	8800
50	6	6	8.4	1.4	12.3	0.399	0.387	0.641	0.744	0.0046	0.40	16502	7011	12566
70	12	12	10.0	1.4	14.1	0.276	0.268	0.443	0.514	0.0040	0.39	23461	10354	17596
95	15	15	11.6	1.6	16.5	0.199	0.193	0.320	0.371	0.0039	0.35	31759	13727	23880
120	15	18	13.0	1.6	18.1	0.158	0.153	0.253	0.294	0.0035	0.35	39911	17339	30164
150	15	18	14.6	1.8	20.2	0.128	–	0.206	0.239	0.0035	0.35	49505	21033	37706
185	30	30	16.2	2.0	22.5	0.1021	–	0.164	0.190	0.0035	0.35	61846	26732	46503
240	30	34	18.4	2.2	25.6	0.0777	–	0.125	0.145	0.0034	0.34	79823	34679	60329

附录 9 额定电压 10kV，35kV 架空绝缘电缆结构尺寸

Appendix9:Structural dimensions of overhead insulation cable at rated voltage of 10kV and 35kV.

导体标称截面 (mm^2) Nominal cross section	导体中最少单线根数 The number of conductor minimum singlet	导体外径（参考值）(mm) conductor An outer diameter (Reference)	导体屏蔽层最小厚度（近似值）(mm) The minimum thickness of the conductor shield (approximate)		绝缘标称厚度 (mm) Nominal thickness of insulation			绝缘屏蔽层标称厚度 (mm) Insulating shield standard Thickness		20℃时导体电阻 (Ω/km) 不大于 20 ℃ conductor resistance (Ω / km) is not greater than				电缆拉断力 (N) 不小于 Cable pull-off force (N) is not less than		
			10kV	35kV	10 kV		35 kV	10kV	35kV	硬铜芯 Hard copper	软铜芯 Flexible copper	铝芯 Aluminum	铝合金芯 Aluminum alloy core	硬铜芯 Hard copper	铝芯 Aluminum	铝合金芯 Aluminum alloy core
10	6	3.8	0.5	–	–	3.4	–	–	–	–	1.830	3.080	–	–	–	–
16	6	4.8	0.5	–	–	3.4	–	–	–	–	1.150	1.910	–	–	–	–
25	6	6.0	0.5	–	2.5	3.4	–	1.0	–	0.749	0.727	1.200	1.393	8465	3762	6284
35	6	7.0	0.5	–	2.5	3.4	–	1.0	–	0.540	0.524	0.868	1.007	11731	5177	8800
50	6	8.3	0.5	0.8	2.5	3.4	9.3	1.0	1.5	0.399	0.387	0.641	0.744	16502	7011	12569
70	12	10.0	0.5	0.8	2.5	3.4	9.3	1.0	1.5	0.276	0.268	0.443	0.514	23461	10354	17596
95	15	11.6	0.6	0.8	2.5	3.4	9.3	1.0	1.5	0.199	0.193	0.320	0.371	31759	13727	23880
120	18	13.0	0.6	0.8	2.5	3.4	9.3	1.0	1.5	0.158	0.153	0.253	0.294	39911	17339	30164
150	18	14.6	0.6	0.8	2.5	3.4	9.3	1.0	1.5	0.128	–	0.206	0.239	49505	21033	37706
185	30	16.2	0.6	0.8	2.5	3.4	9.3	1.0	1.5	0.1021	–	0.164	0.190	61846	26732	46503
240	34	18.4	0.6	0.8	2.5	3.4	9.3	1.0	1.5	0.0777	–	0.125	0.145	79823	34679	60329
300	34	20.6	0.6	0.8	2.5	3.4	9.3	1.0	1.5	0.0619	–	0.100	0.110	99788	43349	75411

附录 10 (防腐)58%(60%)IACS 耐热铝合金钢芯绞线结构与技术指标

($NRLH_{58}GJ$、$NRLH_{60}GJ$、$NRLH_{58}GJF$、$NRLH_{60}GJF$ 型

AppendixlO: Table of technological of iacs (Type $NRLH_{58}GJ$、$NRLH_{60}GJ$、$NRLH_{58}GJF$、$NRLH_{60}GJF$)

标称截面 Norminal Area (mm^2) 铝 / 钢 Al/Steel	结构 (根数 / 直径) Stranding & Wire Dia (mm)		计算外径 Calculated Dia (mm)	2℃ 58% IACS 直流电阻不大于 (Ω/km) 20℃ D.C. Resistance	计算拉断力 Calculated Breaking Load (N)	计算重量 weight (kg/km)	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	217	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
1000/120	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