



Power Fittings & Medium Voltage Electrics Catalogue



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浙江双久电气有限公司
ZHEJIANG SUNJ ELECTRIC CO.,LTD



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ZHEJIANG SUNJ ELECTRIC CO.,LTD is a power transmission and distribution enterprise with R&D,manufacturing,trading and services.Head office is located in Liushi town,Yueqing,Zhejinag,China.Founded in 2002,We are specialized in Electric Power Fittings,especially on aerial overhead line fitting and ABC accessories,Polymer Insulators,Lightning Arrester,Drop-out Fuse Cutout,Disconnect Switch,Auto-Recloser,SF6 Gas Circuit Breaker,such power transmission and distribution products.

With excellent quality,design and manufacture and competitive prices,SUNJ products are top sellers in China and have exported to Asia,Europe,America,Middle-East and Africa and numerous other regions.

We warmly welcome all over the world friends cooperate with us.Together to contribute a better and stronger power system.

SOPHISTICATED
PRODUCTION EQUIPMENT



Elaborate Design,Quality Assurance



ZHEJIANG
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>>CERTIFICATE



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Parallel Groove Clamp



>>Aluminum PG Clamp APG Series



● Structure Feature:

1. Select high strength, corrosion-resistant, aluminum 99.5%
2. Teeth-shape structure, touch with lowly resistance, reliable splicing.
3. All parts connected with each other, it will not easy lose parts during installation.
4. An are embrace the most part, create better electric contact

Type	Conductor CrosS-section (mm ²)	o11
APG-A1	AL16-70	1*M8*40
APG-A2	AL16-150	1*M8*45
APG-B1	AL6-35	2*M6*35
APG-B2	AL16-70	2*M8*45
APG-B3	AL16-150	2*M8*50
APG-B4	AL25-240	2*M10*60
APG-B5	AL35-300	2*M10*70
APG-C1	AL16-70	3*M8*45
APG-C2	AL16-150	3*M8*50
APG-C3	AL25-240	3*M10*60
APG-C4	AL35-300	3*M10*70

>>Aluminum PG Clamp ALPG(extrude type)Series



●Structure Feature:

- 1.Select high strength,corrosion-resistant,aluminum99.5%.
- 2.Overtorque breaking shear head allowing a good clamping torque.This suestem ensures a high quality contact and avoids to damage the conductors strands.After head is sheared,removalis still possible.

Type	Conductor Cross-section (mm ²)	Bolt
ALPG-1	AL16-120	2*M10*65
ALPG-2	AL50-240	2*M12*75

>>Aluminum PG Clamp JBL Series



● Structure Feature:

- 1.Select oxidize-resistance aluminium alloy.
- 2.Teeth-shape structure,touch with lowlyresistance,reliable splicing.

Type	Conductor Cross-section (mm ²)	olt
JBL-H-1A	16-70	2*M8*50
JBL-H-2A	16-120	2*M10*55
JBL-H-3A	50-240	2*M10*70
JBL-H-2B	16-120	3*M10
JBL-H-3B	50-240	3*M10*70

Notice:Atype is 2 bolts,Btype is 3 bolts.

>>Aluminum PG Clamp JB Series



● Structure Feature:

- 1.Body is made of high corrosion resistant aluminium alloy.
- 2.Over torque breaking shear head allowing a good clamping torque.

Type	Conductor Cross-section (mm ²)	Bolt
JB-0	16-25	2*M10*45
JB-1	35-50	2*M12*45
JB-2	70-95	3*M12*45
JB-3	120-150	3*M16*65
JB-4	185-240	3*M16*70

>>Special clamp Aluminum tap clampH type



● Structure Feature:

Tap grooves function independently of each other. Use of one tap is required. Balance may be used of left empty.

Type	Hole 1 (mm)	D1 (mm)	Hole 2 (mm ²)	D2 (mm)	A (mm)	B (mm)	C (mm)	H (mm)	L (mm)
AS-H1	16-35	4.8-8.2	16-35	4.8-8.2	7.1	24.3	46.7	15	38
AS-H2	50-95	8.3-14.5	16-50	4.8-9.5	13	36.6	50.8	22.0	48
AS-H3	50-95	10.0-14.5	50-95	10.0-14.5	7.1	35.6	61.8	20.6	60
AS-H4	95-240	13.0-22.5	16-70	4.8-11.5	14.0	50.6	80.4	30	51
AS-H5	95-240	13.0-22.5	70-150	11.6-16.0	9.4	50	83.5	32	51
AS-H6	150-240	16.2-22.5	150-240	16.2-22.5	5.1	50.5	90.6	30.6	89

>>Bimetallic PG Clamp CAPG Series



●Structure Feature:

1. Select corrosion-resistance aluminum 99.5%with hot forged bimetallic sheet
2. Teeth-shape structure,touch with lowly resistance,reliable splicing.

Type	Conductor Cross-section (mm ²)	Bolt
cApG- A	CU6-50, AL16-70	1*M8*40
CAPG-A2	CU10-95, AL25-150	1*M8*45
CAPG-B1	CU6-50, AL16-70	2*M8*45
CAPG-B2	CU10-95, AL25-150	2*M8*50
CAPG-B3	CU25-200, AL25-240	2*M10*60
CAPG-B4	CU35-240, AL35-300	2*M10*70
CAPG-C1	CU6-50, AL16-70	3*M8*45
CAPG-C2	CU10-95, AL25-150	3*M8*50
CAPG-C3	CU25-200, AL25-240	3*M10*60
CAPG-C4	CU35-240, AL35-300	3*M10*70

>>Bimetal PG Clamp SLPG Series



●Structure Feature:

- 1.Small conductor range suit forconnect small wire.
- 2.Teeth-shape structure,touch with lowly resistance,reliable splicing.

Type	Conductor Cross-section (mm ²)	Bolt
SLPG-1	CU10-50/AL16-70	1bolt
SLPG-2	CU10-50/AL16-70	2bolts
SLPG-3	CU16-120/AL50-185	3bolts

>>Bimetal PG ClampJBTL Series



●Structure Feature:

- 1.Body is made of high corrosion resistant copperalloy and aluminium alloy.
- 2.Over torque breaking shearhead allowing a good clamping torque.

Type	Conductor Cross-section (mm ²)	Bolt
JBTL-0	16-25	2*M10*45
JBTL-1	35-50	2*M12*45
JBTL-2	70-95	3*M12*45
JBTL-3	120-150	3*M16*65
JBTL-4	185-240	3*M16*70

>>Bimetal PG Clamp JBTL-Y Series



●Structure Feature:

- 1.Select oxidize-resistance cooper alloy and aluminum alloy.
- 2.Teth-shapestructure,touch with lowly resistance,reliable splicing

Type	Conductor Cross-section (mm ²)	ol
JBTL-Y-1A	16-70	2*M8*50
JBTL-Y-2A	16-120	2*M10*55
JBTL-Y-3A	50-240	2*M10*70

Notice:Atype is 2 bolts,B type is3 bolts.

>>Copper PG Clamp CUPG Series



● Structure Feature:

- 1.The clamps have serrated transversegrooves for maximum conductor contact.
- 2.Stainless bolts and utilize Belleville washers to preventthermal ratcheting under cyclic loads.

Type	Conductor	Cross-section (mm ²)	Bolt
CUPG-A1		CU16-70	1*M8*40
CUPG-A2		CU25-150	1*M8*45
CUPG-B1		CU6-35	2*M6*35
CUPG-B2		CU16-70	2*M8*45
CUPG-B3		CU25-150	2*M8*50
CUPG-B4		CU25-240	2*M10*60
CUPG-B5		CU35-300	2*M10*70
CUPG-C1		CU16-70	3*M8*45
CUPG-C2		CU25-150	3*M8*50
CUPG-C3		CU25-240	3*M10*60
CUPG-C4		CU35-300	3*M10*70

>>Cooper PG Clamp JBT Series



● Structure Feature:

- 1.Body is made o highcorrosion resistant copperalloy.
- 2.Over torque breaking shear headallowing a good clamping torque.

Type	Conductor	Cross-section (mm ²)	Bolt
JBT-0		16-25	2*M10*45
JBT-1		35-50	2*M12*45
JBT-2		70-95	3*M12*45
JBT-3		120-150	3*M16*65
JBT-4		185-240	3*M16*70

>>Cooper PG Clamp JBT-Y Series



● Structure Feature:

1. Select oxidize-resistance cooper alloy.
2. Teeth-shape structure, touch with lowly resistance, reliable splicing.

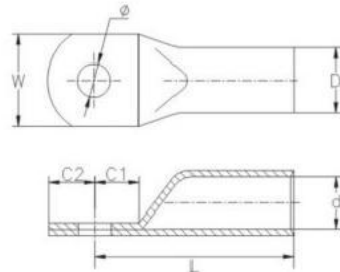
ypE	Conductor	Cross-section (mm ²)	3o
JBT-Y-2A		16-120	2*M10*55
JBT-Y-3A		50-240	2*M10*70

Notice:A type is 2 bolts.

Copper Lugs & Connector



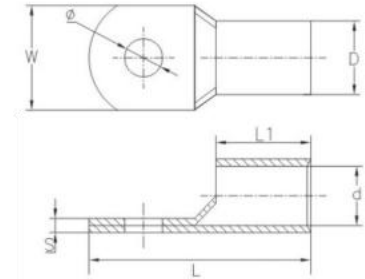
>>AUS Copper Crimp Lug



- Clear markings on barrel to indicate correct crimping location
- In accordance with DIN 46235
- Material: Cu ≥ 99.9%
- Surface: tin plated
- Application: medium voltage

Type	Φ ± 0.5	D ± 0.5	d ± 0.5	L ± 2	C1 ± 0.5	C2 ± 0.5	W ± 1.5
AUS-10	Φ 6.5, Φ 8.5	6.5	5	29	8	8	9.5
AUS-16	Φ 6.5, Φ 8.5	8	6	36.5	10	10	11.5
AUS-25	Φ 6.5, Φ 8.5, Φ 10.5	10.5	8	36.5	12	12	15.3
AUS-35	Φ 8.5, Φ 10.5	12.5	9.5	41.5	13	13	18
AUS-50	Φ 8.5, Φ 10.5, Φ 12.5	14.5	11	54	15	15	20.5
AUS-70	Φ 8.5, Φ 10.5, Φ 12.5	16.5	13	57	15	15	24
AUS-95	Φ 10.5, Φ 12.5, Φ 14.5	19	14.5	63	15	15	27.5
AUS-130	Φ 10.5, Φ 12.5, Φ 14.5	20.5	16	68	16	16	30
AUS-150	Φ 10.5, Φ 12.5, Φ 14.5	23.5	18	79	16	16	34
AUS-185	Φ 10.5, Φ 12.5, Φ 14.5	26	20.5	82	17	17	38
AUS-240	Φ 10.5, Φ 14.5	28	22.5	90	21	21	41
AUS-300	Φ 16.5	30	23.5	99	21	21	43

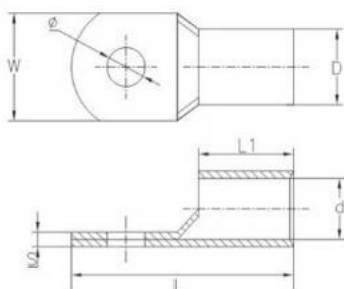
>>Copper lugs SC series JGK



- Application:
 - Used for connection of copper cable with copper end of electrical equipment in low voltage.
 - Material: Cu ≥ 99.9%
 - Surface: tin plated
- Feature:
 - There is an arc-shaped viewing window on bevel for checking the location of conductor.

Type	Φ ± 0.5	D ± 0.5	d ± 0.5	L ± 2	L140.5	S ± 0.2	W ± 1.5
sC (JGK)-6-5	Φ 5.5	5.5	4.5	24.9	9	0.93	9
SC (JGK)-6-6	Φ 6.5	5.5	4.5	25.2	8.8	0.9	9.3
sC (JGK)-6-8	Φ 8.5	5.5	4.5	25.5	9.1	0.87	11.5
SC (JGK)-10-6	Φ 6.5	6.5	5.3	26.5	8.75	1.2	9.8
sC (JGK)-10-8	Φ 8.5	6.5	5.3	27	9.1		12
sC (JGK)-10-10	Φ 10.5	6.5	5.3	29.5	9	0.8	13.7
SC (JGK)-16-6	Φ 6.5	8	6.4	30.2	11.6	1.7	11.8
SC (JGK)-16-8	Φ 8.5	8	6.4	30.5	12	1.7	11.8
sC (JGK)-16-10	Φ 10.5	8	6.4	31.6	12.3	1.4	13.5
SC (JGK)-16-12	Φ 12.5			35.2	115	1.54	14.8
SC (JGK)-25-6	Φ 6.5		7.4	33.8	12.6	1.7	13.5
sC (JGK)-25-8	Φ 8.5	9	7.4	34	13.1	1.65	13.3
sC (JGK)-25-10	Φ 10.5	9	7.4	34.3	13.3	1.6	13.6

>>Copper lugs SC series JGK

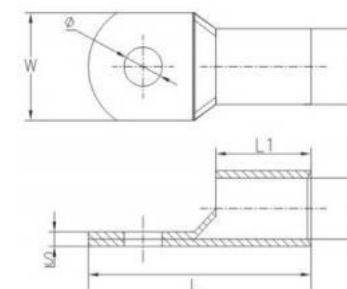


- Application:
Used for connection of copper cable with copper end of electrical equipment in low voltage.
- Material: Cu≥99.9%
- Surface: tin plated

- Feature:
There is an arc-shaped viewing window on bevel for checking the location of conductor.

Type	φ ±0.5	D ±0.5	d ±0.5	L ±2	L1 ±0.5	S ±0.2	W ±1.5
SC (JGK) 25-12	φ 12.5	9	7.2	36.6	12.6	1.6	16
sC (JGK) 35-6	φ 6.5	10.5	8.7	36.5	13.6	2	15.5
SC (JGK) 35-8	φ 8.5	10.5	8.7	36.5	13.6	1.85	15.5
SC (JGK) 35-10	φ 10.5	10.5	8.7	36.5	13.6	1.7	15.5
sC (JGK) 35-12	φ 12.5	10.5	8.7	36.5	13.6	1.8	15.5
SC (JGK) 50-6	φ 6.5	12.5	10.3	43	16	2.2	18.6
SC (JGK) 50-8	φ 8.5	12.5	10.3	43	16	2.2	18.6
sC (JGK) 50-10	φ 10.5	12.5	10.3	43	16	2.2	18.6
sc (JGK) 50-12	φ 12.5	12.5	10.3	43	16	2.2	18.6
sC (JGK) 50-14	φ 14.5	14.5	12.1	48.8	18	2.5	21.5
SC (JGK) 70-6	φ 6.5	14.5	12.1	48.8	18	2.5	21.5
sC (JGK) 70-8	φ 8.5	14.5	12.1	48.8	18	2.5	21.5
Sc (JGK) 70-10	φ 10.5	14.5	12.1	48.8	18	2.5	21.5
SC (JGK) 70-12	φ 12.5	14.5	12.1	48.8	18	2.5	21.5
sc (JGK) 70-14	φ 14.5	17	14	52.5	19.5	3	25
sC (JGK) 95-8	φ 8.6	17	14	53.5	19.5	3	25
Sc (JGK) 95-10	φ 10.5	17	14	52.7	19.5	3	25
Sc (JGK) 95-12	φ 12.5	17	14	52.9	19.5	3	25
sc (JGK) 95-14	φ 14.5	19	15.4	60.5	24	3.6	28
SC (JGK) 120-8	φ 8.5	19	15.4	60.5	24	3.6	28
SC (JGK) 120-10	φ 10.5	19	15.4	60.5	24	3.6	28
SC (JGK) 120-12	φ 12.5	19	15.4	60.9	25	3.6	28
sC (JGK) 120-14	φ 14.5	21	17	65.6	27	4.2	31
SC (JGK) 150-8	φ 8.5	21	17	65.6	27	4.2	31

>>Copper lugs SC series JGK

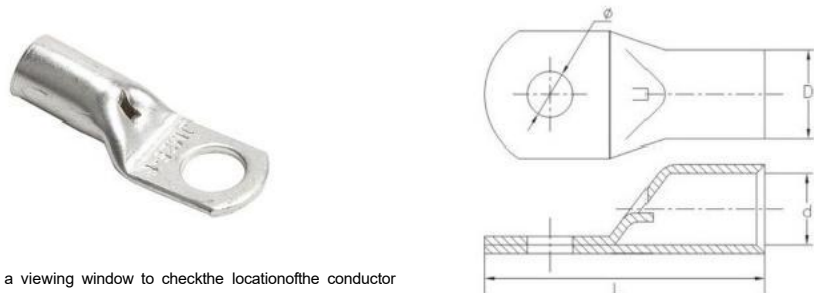


- Application:
Used for connection of copper cable with copper end of electrical equipment in low voltage.
- Material: Cu≥99.9%
- Surface: tin plated

- Feature:
There is an arc-shaped viewing window on bevel for checking the location of conductor.

Type	φ ±0.5	D ±0.5	d ±0.5	L ±2	L1 ±0.5	S ±0.2	W ±1.5
SC (JGK) 150-10	φ 10.5	21	17	65.6	27	4.2	31
SC (JGK) 150-12	φ 12.5	21	17	65.6	27	4.2	31
SC (JGK) 150-14	φ 14.5	21	17	65.6	27	4.2	31
SC (JGK) 150-16	φ 16.5	23	19	75.3	31	4.1	34
sC (JGK) 185-8	φ 8.5	23	19	75.3	31	4.1	34
SC (JGK) 185-10	φ 10.5	23	19	75.3	31	4.1	34
SC (JGK) 185-12	φ 12.5	23	19	75.3	31	4.1	34
SC (JGK) 185-14	φ 14.5	23	19	75.3	31	4.1	34
SC (JGK) 185-16	φ 16.5	25	20.6	84.2	34.8	4.5	37
SC (JGK) 240-12	φ 12.5	25	20.6	84.2	34.8	4.5	37
SC (JGK) 240-14	φ 14.5	25	20.6	84.2	34.8	4.5	37
sC (JGK) 240-16	φ 16.5	25	20.6	84.2	34.8	4.5	37
sC (JGK) 240-20	φ 20.5	29	23.8	88.5	34	5.3	42.5
SC (JGK) 300-10	φ 10	29	23.8	88.5	34	5.3	42.5
SC (JGK) 300-12	φ 12.5	29	23.8	88.5	34	5.3	42.5
SC (JGK) 300-14	φ 14.5	29	23.8	88.5	34	5.3	42.5
sC (JGK) 300-16	φ 16.5	29	23.8	88.5	34	5.3	42.5
SC (JGK) 300-18	φ 18.5	29	23.8	88.5	34	5.3	42.5
SC (JGK) 300-20	φ 20.5	33	26.8	100	39.5	6.35	47.7
SC (JGK) 400-16	φ 16.5	38	30.2	120	48.2	7.44	47.5
SC (JGK) 500-16	φ 21	38	38.2	121	50	7.2	55
SC (JGK) 630-16	φ 21	45	35	135	60	9.2	65
SC (JGK) 800-16	φ 23	50	40	170	80	9.6	72
SC (JGK) 1000-16	φ 23	55	45	200	90	10	60

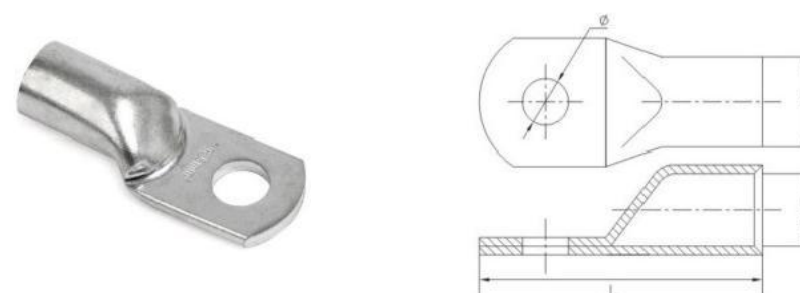
Copper lugs SC series JGY



- Have a viewing window to check the location of the conductor
- Material: CU≥99.9%
- Surface: tin plated
- Application: low voltage, indoor

Type	$\phi \pm 0.5$	$D \pm 0.5$	$d \pm 0.5$	$L \pm 2$
sC(JGY)-6	$\phi 5.2, \phi 6.2, \phi 8.2$	5.5	4.1	24
sC(JGY)-10	$\phi 6.2, \phi 8.2$	6.5	5.1	28
sc(JGY)-16	$\phi 6.2, \phi 8.2, \phi 10.5$	8	6.4	33
SC(JGY)-25	$\phi 6.2, \phi 8.2, \phi 10.5$	9	7	36
sC(JGY)-35	$\phi 6.2, \phi 8.2, \phi 10.5, \phi 12.5$	10.5	8.5	42
sc(JGY)-50	$\phi 8.2, \phi 10.5, \phi 12.5$	12	9.8	49
sC(JGY)-70	$\phi 8.2, \phi 10.5, \phi 12.5$	14.5	11.9	55
sC(JGY)-95	$\phi 10.5, \phi 12.5$	16	13	60
sC(JGY)-120	$\phi 12.5, \phi 16.5$	19	15.4	67
sC(JGY)-150	$\phi 12.5, \phi 16.5$	20.5	16.7	73
sc(JGY)-185	$\phi 16.5$	23.5	19.3	78
sC(JGY)-240	$\phi 16.5$	26	21.1	92
sc(JGY)-300	$\phi 16.5, \phi 20.5$	30	24	102
sC(JGY)-400	$\phi 16.5, \phi 20.5$	34	27.6	113
sC(JGY)-500	$\phi 16.5, \phi 20.5$	38	31.6	123
sC(JGY)-630	$\phi 20.5$	45	37.6	145

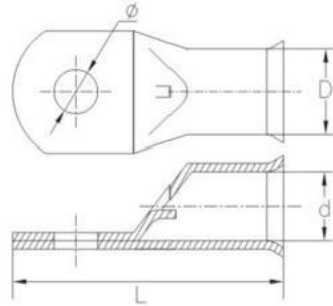
>>Copper lugs SC JGA series



- Material: CU≥99.9%
- Surface: tin plated
- Application: low voltage, indoor

Type	$\phi \pm 0.5$	$D \pm 0.5$	± 0.5	$L \pm 2$	S
sc(JGA)-10	$\phi 6.5, \phi 8.5$	8	5.8	38	1.2
sC(JGA)-16	$\phi 6.5, \phi 8.5, \phi 10.5$	9	6.5	41	1.2
sC(JGA)-25	$\phi 6.5, \phi 8.5, \phi 10.5$	10	7.6	46	1.2
sC(JGA)-35	$\phi 6.5, \phi 8.5, \phi 10.5$	11	8.5	52	1.2
sC(JGA)-35	$\phi 12.5$	11	8.8	52	1.2
SC(JGA)-50	$\phi 8.5, \phi 10.5, \phi 12.5$	13	10	54	1.4
sC(JGA)-70	$\phi 8.5, \phi 10.5, \phi 12.5$	16	12	61	2
sC(JGA)-95	$\phi 8.5, \phi 10.5, \phi 12.5, \phi 14.5$	18	14	65	2
SC(JGA)-120	$\phi 10.5, \phi 12.5$	19	15	73	2
sc(JGA)-150	$\phi 10.5, \phi 12.5, \phi 14.5, \phi 16.5$	22	16.8	77	2.4
sC(JGA)-185	$\phi 12.5, \phi 14.5, \phi 16.5$	24	18.8	86	2.5
SC(JGA)-240	$\phi 12.5, \phi 14.5, \phi 16.5$	26	21	92	2.5
sc(JGA)-300	$\phi 16.5$	30	24	103	3
SC(JGA)-400	$\phi 16.5$	34	25.7	113	3.5
sC(JGA)-500	$\phi 20.5$	38	30	124	4
SC(JGA)-630	$\phi 20.5$	45	36.3	140	5

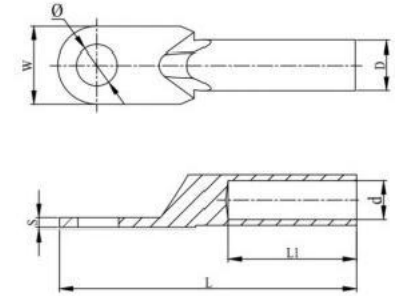
>>Copper lugs SC series JGB



- Have a viewing window to check the location of the conductor
 - Unique bell mouth for easy insertion of stranded conductors
- Material: CU≥99.9%
 Surface: tin plated
 Application: low voltage, indoor

Type	φ ±0.5	D ±0.5	d ±0.5	L ±2
SC (JGB)-6	φ 5.2, φ 6.2, φ 8.2	5.5	4.1	24
SC (JGB)-10	φ 6.2, φ 8.2	6.5	5.1	28
SC (JGB)-16	φ 6.2, φ 8.2, φ 10.5	8	6.4	33
sC (JGB)-25	φ 6.2, φ 8.2, φ 10.5	9	7	36
SC (JGB)-35	φ 6.2, φ 8.2, φ 10.5, φ 12.5	10.5	8.5	42
sC (JGB)-50	φ 8.2, φ 10.5, φ 12.5	12	9.8	49
sC (JGB)-70	φ 8.2, φ 10.5, φ 12.5	14.5	11.9	55
sC (JGB)-95	φ 10.5, φ 12.5	16	13	60
sC (JGB)-120	φ 12.5, φ 16.5	19	15.4	67
sC (JGB)-150	φ 12.5, φ 16.5	20.5	16.7	73
sC (JGB)-185	φ 16.5	23.5	19.3	78
sC (JGB)-240	φ 16.5	26	21.1	92
sC (JGB)-300	φ 16.5, φ 20.5	30	24	102
sC (JGB)-400	16.5, 20.5	34	27.6	113
sC (JGB)-500	φ 16.5, φ 20.5	38	31.6	123
sC (JGB)-630	φ 20.5	45	37.6	145

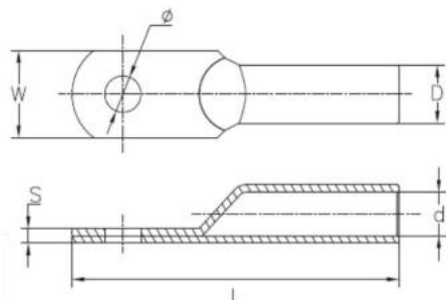
>>Copper lugs DT series



- Have a viewing window to check the location of the conductor
 - Cable area is identified clearly on the lug
- Material: CU≥99.9%
 Application: low voltage

Type	Dimension (mm)					
		D	d	L	L1	W
DT-10		9	5.2	63	32	16
DT-16	8	10	6.2	66.2	33.4	16
DT-25	8	11.2		72	33.4	18
DT-35	10	12.2	8.2	75.8	39	20
DT-50	10	14	9.8	86.2	42	23
DT-70	12	16.2	11.4	93	45	26
DT-95	12	18	13.8	103	48	28
DT-120	14	20	14.8	110.4	50.2	30
DT-150	14	22	17.2	117.2	52.2	34
DT-185	16	24	19	124	57.4	37
DT-240	16	27	20.8	135	63	40
DT-300	21	30	23	150	67	50
DT-400	21	34	26.5	158	68	50
DT-500	21	38	29	166	74	54.2
DT-630	21	45	34.2	203	78.6	59.8

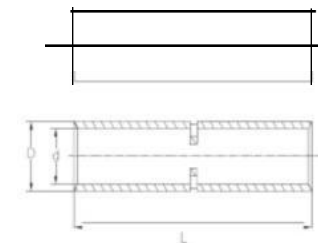
>>Copper lugs DT(G)series



- Have a view wind Q_w to check the location of the conductor
 - Cable area is identified clearly on the lug
- Material: CU \geq 99.9%
Application: low voltage

Type	Dimension (mm)				
	$W \pm 0.5$	$D \pm 0.5$	$d \pm 0.5$	$L \pm 2$	$L1 \pm 0.5$
DT(G)-10	8	8	5.5	50	28
DT(G)-16	8	8	6.2	56	29
DT(G)-25	8	10	7.2	62	32
DT(G)-35	10	11	8.2	65	33
DT(G)-50	10	13	10.2	72	37
DT(G)-70	12	16	12	80	43
DT(G)-95	12	18	14	85	45
DT(G)-120	14	20	15.5	90	50
DT(G)-150	14	22	17	100	52
DT(G)-185	16	24	19	114	60
DT(G)-240	16	26	21	118	70
DT(G)-300	16	30	24	135	75
DT(G)-400	18	34	27	150	80
DT(G)-500	20	38	30	170	90
DT(G)-630	22	45	35.5	210	105
DT(G)-800	22	50	40	225	115
DT(G)-1000	22	57	45	225	128

>>Copper lugs GTY series Cable link

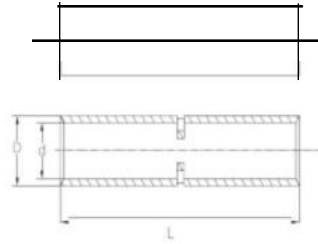


- Suitable for stranded conductors with but marks for precise cable insertion
- For use with oil filled cable; Solid centre barriers
- Cable area clearly identified on the lug

Material: CU \geq 99.9%
Surface: tin plated
Application: low voltage

Type	$D \pm 0.5$	$d \pm 0.3$	$L \pm 2$
GTY-1-1.5	3.5	2.1	20
GTY-1-2.5	4	2.5	20
GTY-1-4	4.8	3.4	20
GTY-1-6	5.5	4.1	25
GTY-1-8	6.5	5.1	30
GTY-1-10	7.5	5.1	30
GTY-1-16	8	6.4	35
GTY-1-25		7	40
GTY-1-35	10.5	8.5	45
GTY-1-50	12	9.8	50
GTY-1-70	14.5	9.8	55
GTY-1-95	16	13	55
GTY-1-120	19	15.4	60
GTY-1-150	23.5	16.7	65
GTY-1-185	23.5	19.3	70
GTY-1-240	26	21.2	75

>>Copper lugs GTY series Cable link

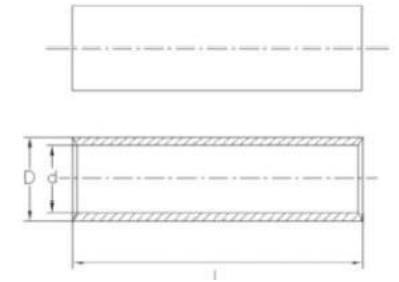


- Suitable for stranded conductors with buttmarks for precisecableinsertion
- For use with oilfilled cable;Solid centre barriers
- Cable area clearidentified onthelug

Material:Cu≥99.9%
Surface:tin plated
Application:lowvoltage

Type	D±0.5	d±0.3	L±2
GTY-2-1.5	3.5	2.1	20
GTY-2-2.5	4	2.5	20
GTY-2-4	4.8	3.4	20
GTY-2-6	5.5	4.1	25
GTY-2-8	6.5	5.1	30
GTY-2-10	6.5	5.1	30
GTY-2-16	8	6.4	35
GTY-2-25	9	7	40
GTY-2-35	10.5	8.5	45
GTY-2-50	12	9.8	50
GTY-2-70	14.5	11.9	55
GTY-2-95	16	13	55
GTY-2-120	19	15.4	60
GTY-2-150	20.5	16.7	65
GTY-2-185	23.5	19.3	70
GTY-2-240	26	21.2	75

>>GT-1 Copper CrImp Connector

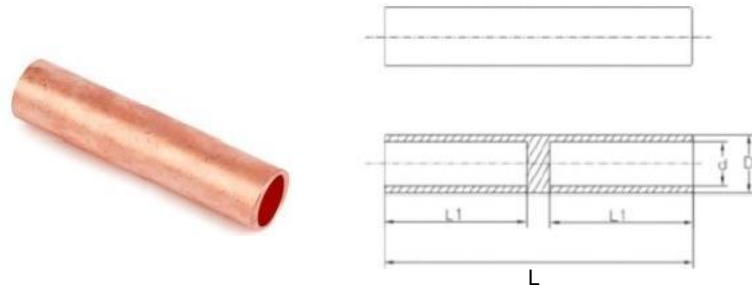


- Suitable for connecting the circular wire and hemicycle-sector wirein distributionequipment of power supply cables
- Keeps wire strands togetherand prevents strands from being severely damaged

Material:CU≥99.9%
Sudface:tin plated

Type	D±0.5	d±0.3	L±2
GT-1-2.5	3.5	3.1	30
GT-1-4	4.2	3.8	30
GT-1-6	5		32.2
GT-1-10	9	4.5	59
GT-1-16	9	7	56
GT-1-25	10	7.3	68
GT-1-35	10.5	8.8	73.5
GT-1-50	12.5	9.8	79.5
GT-1-70	16	13.1	89.5
GT-1-95	18	13.5	94
GT-1-120	19	15.4	91
GT-1-150	22	17.8	104.5
GT-1-185	24	18.5	109
GT-1-240	26	21.1	109
GT-1-300	30	23	130
GT-1-400	32	26	140
GT-1-500	40	29.2	168
GT-1-630	44.5	36	188
GT-1-800	50	40	200

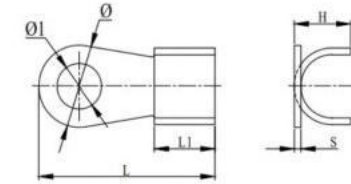
>>GT-2 Copper CrImp Connector



- Suitable for connecting the circular wire and hemicycle-sector wire in distribution equipment of power supply cables
 - Keeps wire strands together and prevents strands from being severely damaged
- Material: CU≥99.9%
Surface: tin plated

Type	D±0.5	d±0.3	L±2	L1±2
GT-2-16	10	6.1	65	30
GT-2-25	11	7.1	70	32
GT-2-35	12	8.5	75	34
GT-2-50	14	9.8	80	36
GT-2-70	16	11.5	90	42
GT-2-95	18	13.5	95	44
GT-2-120	20	15	100	47
GT-2-150	22	17	105	49
GT-2-185	25	18.6	110	50
GT-2-240	27	21.5	120	55
GT-2-300	31	24	130	60
GT-2-400	34	27	140	65

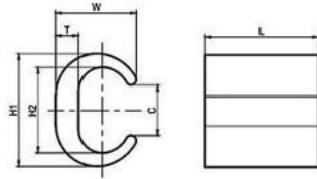
>>Copper lugs OT series



- Application:
Suitable for the connection of copper conductors in distribution equipment

Iten No		φ1		L1	H	s
OT-5A	8.3	5	16.3	5.2	4.3	0.5
OT-10A	9.3	5.2	19.3	5.8	6.4	0.7
OT-20A	11.4	6.2	23	6.8	7.1	0.65
OT-30A	11.7	6.3	24.5	8.3	8.2	0.9
OT-40A	13	6.5	26.2	8.7	8.3	
OT-50A	13.5	6.3	29	9	8.6	1.1
OT-60A	14.5	8.2	30.2	9.9	9	1.2
OT-80A	15.8	8.5	32.7	10.5	10.5	1.3
OT-100A	17.3	8.3	37	11.2	11.8	1.4
OT-150A	17.8	10.5	39.3	11.7	13.4	1.5
OT-200A	20.4	10.5	42.8	13.5	14.8	1.7
OT-250A	21.4	10.5	47	15	15.6	1.8
OT-300A	22.8	12.5	49	15.7	17.3	1.9
OT-400A	25.2	14.4	54.2	17.3	17.3	2.1
OT-500A	28	14.5	60.5	19.6	18.5	2.3
OT-600A	30	16.5	65	22	21	2.5
OT-800A	34	18.5	75	26.5	27.3	2.9
OT-1000A	40	18.5	85	32.5	35.5	3.4

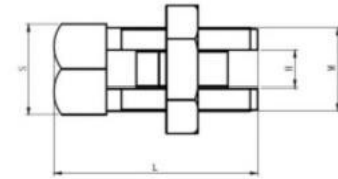
>>CCT C-TypeCopperCrimp Connector



- Suitable for the connection of coppersplicing
Material:CU,purity 99.9%
Application:lowvoltage

Type	Conductor (mm ²)	Dimension (mm)					
		H1	H2	W	T	C	L
CCT-10	7.5-14	9.5	6.3	6.2	12	1.6	
CCT-16	14.5-16	11.8	7.8	7.8	13		5
CCT-20	16.5-20	12.8	8.6	9.7	13	2.9	7
CCT-26	21-26	14.75	0.15	10.65	16.1	2.3	7
CCT-44	27-44	19	13	14	19		9
CCT-60	45-60	21.5	5.5	4.75	19.5	4.3	10.5
CCT-76	61-76	24.3	16.9	17.6	21.7		12.1
CCT-98	77-98	28.2	20.5	19	23	5.3	14
CCT-122	99-122	30.1	22.3	21.2	25.5	5.5	14.1
CCT-154	123-154	33.9	25.8	23.2	27		17.5
CCT-190	155-190	37	28.5	24.8	33.7	5.5	18.7
CCT-240	191-240	39.9	29.6	28	38	6.4	19.7
CCT-288	241-288	44	34.2	30.7	43.5	6.4	23.2
CCT-365	289-365	47.5	37.4	33.4	48	6.7	24.9
CCT-450	366-450	56.8	41.9	41	59.5	10.3	28.1

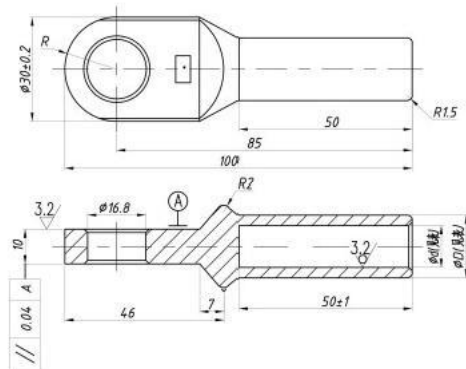
>>TJ Copper Bolt Connector



- Suitable for thesequence andtransportationof all kindsof conductors inelectric network
- Hexagonal typeheador customed asper drawings orsample
Material:CU≥99.9%

CONDUCTOR	SIZE		M	
T/J-16		5	27	12
T/J-25		7.5	27	13.8
T/J-35		9.8	30	18
T/J-50-70		12.4	42	24
T/J-90-120		14	44.8	26
T/J-150-185		18.2	59	30
T/J-200-240		20.8	62	32

>>OTD Copper series



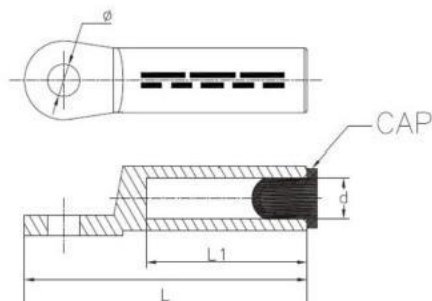
Material: CU \geq 99.9%
 Application: low voltage, indoor

Type		
OT 25	10	
OTD 35	12	8.5
OTD 50	14	10
OTD-70	16	12
OTD-95	18	13
OTD-120	20	15
OTD-150	22	6
OTD-185	25	18
OTD-240	27	20
OTD-300	31	24
OTD-400	34	26

Aluminium Lugs & Connector



>>Aluminum lugs AU

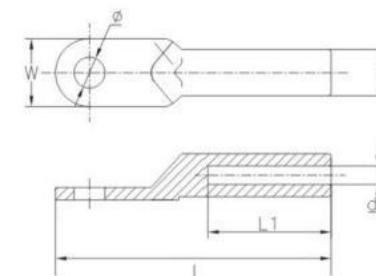


- Clear markings on barrel to indicate correct crimping location.
- In accordance with DIN46329
- The solid palm eliminates the ingress of moisture
- Prefilled with jointing compound and sealed with caps

Feature:
 Material: Al ≥ 99.5%
 Surface: tin plated
 Oil blocking structure

Type	D ± 0.5	d ± 0.3	L ± 2	L1 ± 2
AU-16	8.4	5.8	60	29
AU-25	10.5	6.8	62.5	29
AU-35	10.5	8.0	77	41
AU-50	10.5	9.8	78.5	42
AU-70	10.5	11.2	85	51
AU-95	13.0	13.2	90	55
AU-120	13.0	14.7	96	55
AU-150	13.0	16.3	106	59
AU-185	13.0	18.3	108	59
AU-240	17.0	21.0	124	69
AU-300	17.0	23.3	125	69

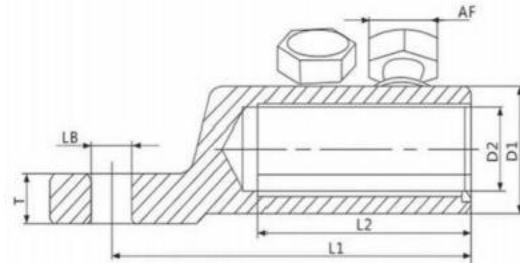
>>Aluminum lugs DL



Material: Al ≥ 99.5%
 Application: low voltage

Type	φ ± 0.5	D ± 0.3	d ± 0.3	L ± 2	L1 ± 0.2	W ± 1
DL-10	8.5	9.8	6	64.8	31	16
DL16	8.5	11	6.8	70	33	16
DL-25	8.5	12		76	36	18
DL-35	10.5	14	8.5	84	44	20.6
DL-50	10.5	15.6	9.8	90	44	23.2
DL-70	12.5	17.8	12	104	48	25.6
DL-95	12.5	20.2	13.8	108	51	27.6
DL-120	14.5	21.6	15.2	118	53	30.2
DL-150	14.5	24.4	16.8	125	59	34.4
DL-185	16.5	27	19	129	62	37.4
DL-240	16.5	30	20.8	159	68	40.4
DL-300	18.0	33.8	23.5	159	73	50

>>Aluminum Mechanical Lug BLMT series



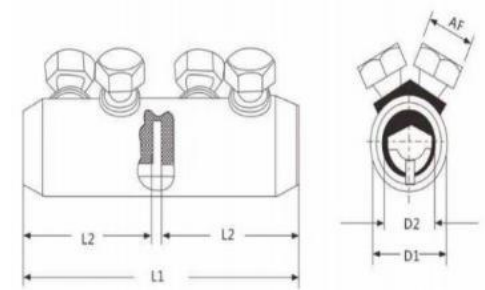
- **Mechanical** Lug, No need of crimping tools and the attendant operator skill.
- Only a socket spanner or a wrench is needed.
- Torque controlled sheared off bolts guarantee a good electrical contact.
- **Wide** application range
- The solid palm eliminates the ingress of moisture.
- **Prefilled** with jointing compound.

Material: Al ≥ 99.5%

Surface: Electro tin plated

Type	section (mm)	O1	O2	L1	L2	B	AF	No. of bolt
BLMT-25/95	25-95	24	12.8	60	30	13	13	
BLMT-35/150	35-150	28	15.8	86	35	13	17	
BLMT-95/240	95-240	33	20	112	60	13	19	2
BLMT-120/300	120-300	37	24	115	65	13	22	2
BLMT-185-400	185-400	42	25.5	135	80	17	22	3

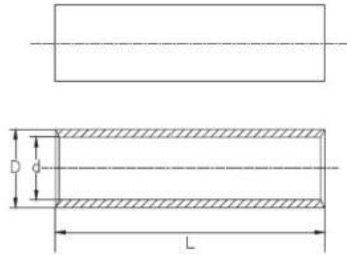
>>Aluminum Mechanical Lug BSMB series



- Centre with block.
- No need of crimping tools but only a socket spanner or a wrench.
- Torque controlled shear head bolts won't cause any damage to conductor, and make connectors' working performance more stable
- **Wide application range**
- Prefilled with jointing compound.

Type	Cross section (mm)	D1	D2	L1	L2	AF	No. of bolt
BSMB-25/95	25-95	24	12.8	65	30	13	2
BSMB-35/150	35-150	28	15.8	80	35	17	2
BSMB-95/240	95-240	33	20	25	60	19	4
BSMB-120/300	120-300	37	24	140	65	22	4
BSMB-185-400	185-400	42	25.5	170	80	22	6

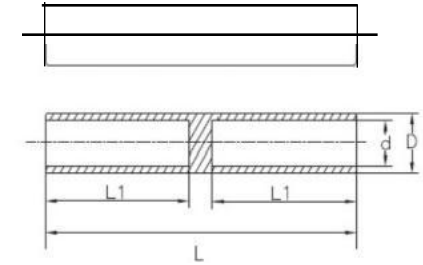
>>Aluminum Connecting Tube GL series



- Application:
- GLseries suitable for connecting the circular wire and hemicyclewire in distribution equipment or power supplycables.
Material:AL≥99.5%

Type	D±0.5	d±0	L±2
GL-1-10	9	4.5	59
GL-1-16	10	5.5	67
GL-1-25	12	7.3	68
GL-1-35	14	8.5	73.5
GL-1-50	16	9.8	79.5
GL-1-70	18	11.5	89.5
GL-1-95	21	13.5	94
GL-1-120	23	15	99
GL-1-150	25	16.5	104.5
GL-1-185	27	18.5	109
GL-1-240	30	21	119
GL-1-300	34	23	130
GL-1-400	38	26	140
GL-1-500	40	29.2	168
GL-1-630	44.5	36	188

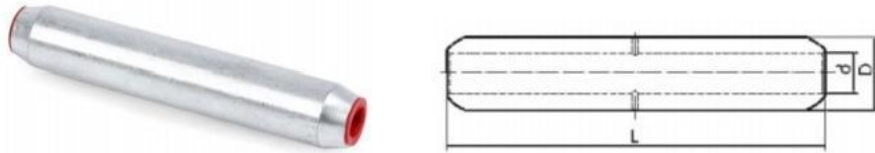
>>Aluminum Connecting Tube GL series



- Application:
- GLseries suitable for connectingthe circular wire and hemicycle wire in distribution equipment or power supply cables.
Material AL≥99.5%

Type	D±0.2	d±0.2	L±2	L1±2
GL-2-16	11	6.1	70	30
GL-2-25	12	7.1	75	32
GL-2-35	14	8.5	85	37
GL-2-50	16	9.8	95	43
GL-2-70	18	11.5	105	47
GL-2-95	21	13.5	110	50
GL-2-120	23	15	115	53
GL-2-150	25	16.5	120	55
GL-2-185	27	18.5	125	57
GL-2-240	30	21	130	60
GL-2-300	34	23.5	140	65
GL-2-400	38	26	160	70

>>Aluminum Connector GLB series



●Application:

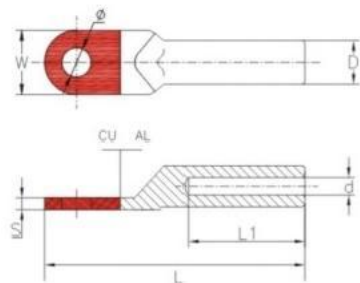
- GLB aluminum connector used for intermediate connection of aluminum cable, aluminum alloy cable in medium voltage
Material: Al≥99.5%

Type	L (mm)	D (mm)	d (mm)
GLB-16	86	10	6
GLB-25	86	11	7
GLB-35	86	12	8
GLB-50	96	15	10
GLB-70	96	17	11
GLB-95	96	19	13
GLB-120	33	24	15
GLB-150	133	24	17
GLB-185	139	25	19
GLB-240	39	28	21
GLB-300	200	34	24
GLB-400	200	45	30
GLB-500	200	55	45

Bi-metal Lugs & Connector



>>Bimetal lugs DTL-1 series

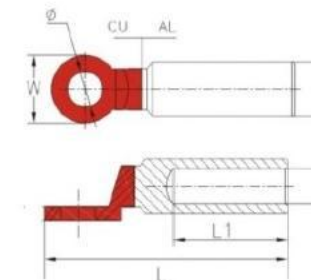


Material:Al≥99.5%,CU≥99.9%

- Feature:
Oil blocking structure
Frictionwelded
Prefilled with jointing compound.

Type	$\phi \pm 0.3$	$D \pm 0.2$	$d \pm 0.2$	$L \pm 2$	$L1 \pm 2$	$W \pm 0.2$	$S \pm 0.2$
DTL-1-10	8	9.2	5.2	66.2	30	16	2.2
DTL-1-16	8	10.6	6.2	66.2	30.4	16	2.2
DTL-1-25	8.5	12	7.5	74	36	18	2.3
DTL-1-35	10.5	14	8.5	81	40	20	2.7
DTL-1-50	10.5	16	10	90	41	26	3.3
DTL-1-70	12.5	18.5	12	98	49	27	3.8
DTL-1-95	12.5	21	14	109	51	28	4
DTL-1-120	14.5	23	15	116	56	30	4.3
DTL-1-150	14.5	25	17	128	56	34	5
DTL-1-185	16.5	27	19	130	52	37	5.5
DTL-1-240	16.5	30	21	140	65	40	6.2
DTL-1-300	21	34	23.5	160	70	50	7.2
DTL-1-400	21	38.4	26.8	166	76	50	7.1
DTL-1-500	21	40	29.5	184	80	54.8	9
DTL-1-630	21	45	33	201	81	59.6	9.3

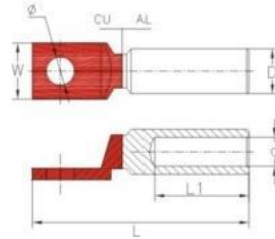
>>Bimetal lugs DTL-2 series



- Feature:
Oil blocking structure
Friction welded
Prefilled with jointing compound.

Type	$\phi \pm 0.3$	$D \pm 0.2$	$d \pm 0.2$	$L \pm 2$	$L1 \pm 2$	S	$W \pm 0.2$
DTL-2-16	11	16	6	80	40	3	20
DTL-2-25	11	16	7	80	40	3	20
DTL-2-35	11	16	8.5	80	40	3	20
DTL-2-50	13	20	10	90	44	4	24
DTL-2-70	13	20	11.5	90	44	4	24
DTL-2-95	13	20	13.5	90	44		24
DTL-2-120	13	25	15	115	60	4.5	30
DTL-2-150	13	25	16.5	115	60	4.5	30
DTL-2-185	13	32	18.5	22	60		35
DTL-2-240	13	32	21	22	60	6	35
DTL-2-300	13	34	23.5	128	65		35
DTL-2-400	13	40	26	60	95	6	36
DTL-2-500	13	40	30	60	95	6	36
DTL-2-630	17	47	33.5	185	100	9	45

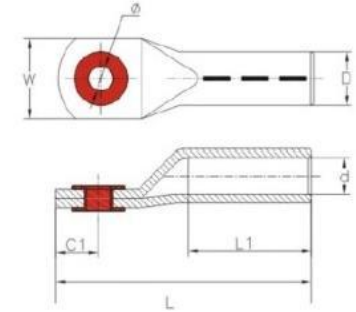
>>DTL-2S Bimetal Crimp Lug



- The solid palm eliminates the ingress of moisture
 - Prefilled with jointing compound
 - Friction welded
- Material: Cu≥99.9%, Al≥99.5%

Type	中±0.3	D±0.2	d±0.2	L±2	L1±2	W±0.2	S
DTL-2S-16	8.5	16	5.5	86	43	14	4
DTL-2S-25	8.5	16		86	43	14	4
DTL-2S-35	8.5	16	8.5	86	43	14	4
DTL-2S-50	10.5	20	9.5	102	52	17	5
DTL-2S-70	10.5	20	12	102	52	17	5
DTL-2S-95	10.5	20	13.5	102	52	17	5
DTL-2S-120	13	25	14.8	121	60	21	6
DTL-2S-150	13	25	16.5	121	60	21	6.8
DTL-2S-185	13	32	18.2	24	62	25	6
DTL-2S-240	13	32	20.1	127	62	25	7
DTL-2S-300	13	34	22.8	145	70	30	6.7
DTL-2S-400	13	40	26	151	70	32	8

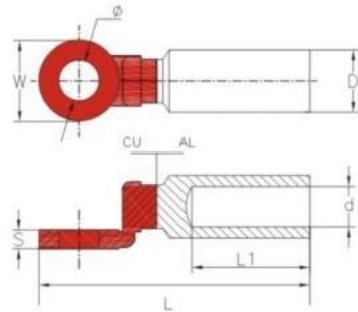
>>DTL-3 Bimetal Crimp Lug



- Suitable for screwing non-tension aluminum connections
 - Using CU-washers in humid areas and for pre-rounded sector shaped conductors
 - With CU eye-in screw-on and markings for correct crimping
 - Aluminium barrels filled by neutral grease and covered by cap
- Material: Cu≥99.9%, Al≥99.5%

Type	D±0.2	d±0.2	中±0.3	W±0.2	
DTL-3-16	10	6.5	10.5	20	80
DTL-3-25	12	7.5	10.5	20	80
DTL-3-35	14	8.5	10.5	25	82
DTL-3-50	16	10	10.5	27	87
DTL-3-70	18	11.5	13	32	106
DTL-3-95	16	13.5	13	35	106
DTL-3-120	23	15	13	35	112
DTL-3-150	25	16.5	13	35	125
DTL-3-185	16	18.5	13	42	136
DTL-3-240	20	21	17	46	140
DTL-3-300	34	23.5	17	50	156
DTL-3-400	38	26.5	17	58	170
DTL-3-500	42	29	22.5	59	171

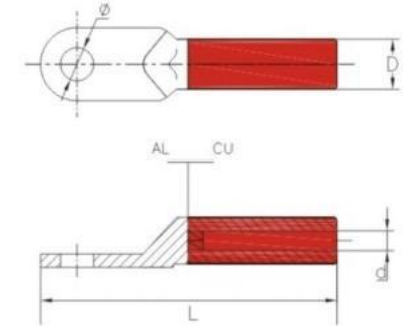
>>Bimetal lugs DTL-5 series



- Application:
Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. Suitable for connecting ABC cables to transformers, switchgear etc.
Material: AL≥99.5%, CU≥99.9%
- Feature:
Oil blocking structure
Friction welded
Prefilled with jointing compound.

Type	$\phi \pm 0.3$	0 ± 0.2	± 0.2	$L \pm 2$	$L1 \pm 2$	S	$W \pm 0.2$
DTL-5-16	10.5	16	5.5	80	42	4	20
DTL-5-25	10.5	16	6.5	80	43	4	20
DTL-5-35	10.5	16	8	80	43		20
DTL-5-50	13	20	9	92	43	5	24
DTL-5-70	13	20	11	92	43		24
DTL-5-95	13	20	12.5	92	43		24
DTL-5-120	13	25	13.5	115	60	6	30
DTL-5-150	13	25	15.5	113	60	6	30
DTL-5-185	16.5	32	17	22	60		35
DTL-5-240	16.5	32	19.5	125	60	6	35
DTL-5-300	16.5	34	23	155	93	7	35
DTL-5-400	16.5	40	26	155	93	7	36

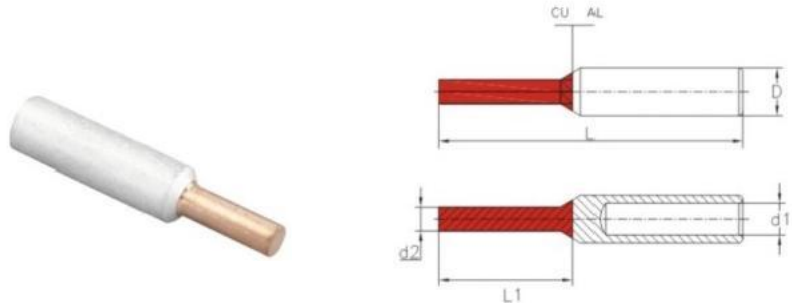
>>Bimetal lugs DLT series



- Suitable for aluminum to copper terminations
 - Prefilled with jointing compound
 - Friction welded
- Material: CU≥99.9%, AL≥99.5%

Type	$\Phi \pm 0.3$	$D \pm 0.2$	$d \pm 0.2$	$L \pm 2$	$L1 \pm 2$	S	$W \pm 0.2$
DLT-10	8	9.2	5.2	66.2	30	2.2	16
DLT-16	8	10.6	6.2	66.2	30.4	2.2	16
DLT-25	8.5	12	7.5	74	36	2.3	18
DLT-35	10.5	14	8.5	81	40	2.7	20
DLT-50	0.5	16	10	90	41	3.3	23
DLT-70	12.5	18.5	12	98	49	3.8	26
DLT-95	12.5	21	14	109	51	4	28
DLT-120	14.5	23	15	116	56	4.3	30
DLT-150	14.5	25	17	128	56	5	34
DLT-185	16.5	27	19	130	52	5.5	37
DLT-240	6.5	30	21	40	65	6.2	40
DLT-300	21	34	23.5	160	70	7.2	50
DLT-400	21	38.4	26.8	166	76	7.1	50
DLT-500	21	40	29.5	184	80	9	55
DLT-630	21	45	33	201	81	9.3	60

>>Bimetal lugs GTLZ series

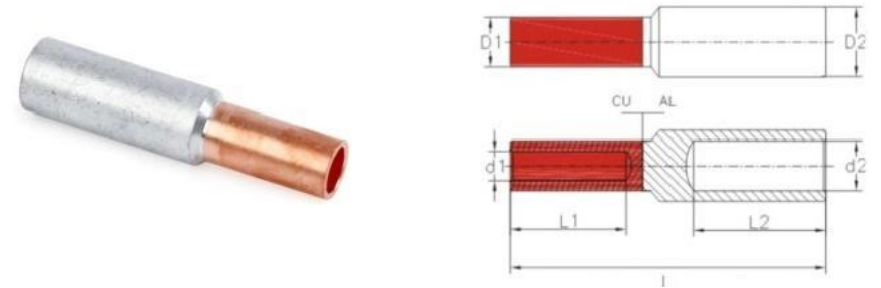


- Suitable for screwing non-tension Alconnections in Cuclamps
- Friction welded
- Aluminium barrel is filled by neutral grease and covered by cap
- Pre-rounded sector shaped conductors

Material: CU≥99.9%,AL≥99.5%

Type	$i1 \pm 0.2$	$D \pm 0.2$	$d2 \pm 0.2$	$L1 \pm 2$	$L \pm 2$
GTLZ-16	6.3	12	6	20	58
GTLZ-25	7.1	12	6	20	58
GTLZ-35	8.5	14	7	22	71
GTLZ-50	10	16	8	25	74
GTLZ-70	11.5	18	10	30	87
GTLZ-95	13.5	22	12	33	91
GTLZ-120	15	23	12	38	98
GTLZ-150	18.5	25	12	38	108
GTLZ-185	19	27	14	40	118
GTLZ-240	21	32	16	40	128

>>Bimetal lugs GTL series



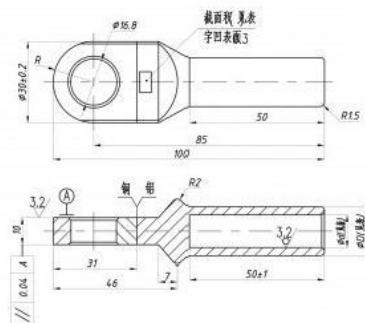
- Suitable for screwing non-tension Alconnections in Cuclamps
- Friction welded
- Aluminium barrel is filled by neutral grease and covered by cap
- Pre-rounded sector shaped conductors

Material: CU≥99.9%,AL≥99.5%

Type	$D1 \pm 0.2$	$d1 \pm 0.2$	$D2 \pm 0.2$	$d2 \pm 0.2$	$L1 \pm 2$	$L2 \pm 2$	$L \pm 2$
GTL-25	10	6.5	12	7.2	28	37	75
GTL-35	11	7.5	14	8.5	29	40	85
GTL-50	12	8.5	16	10.2	34	42	89
GTL-70	14	10.2	18	11.5	36	46	98
GTL-95	16	11.5	21	13.5	35	54	105
GTL-120	18	13.5	23	15	39	56	109
GTL-150	20	15	25	16.5	43	55	115
GTL-185	22	16.5	27	18.5	45	58	125
GTL-240	24	18.5	30	21	48	61	130
GTL-300	27	20.5	34	23.5	53	70	145
GTL-400	30	23.5	38	26.5	59	73	155



>>Bimetal lugs DTL-8 series



Material :Cu =99.9%,AL=99.5%

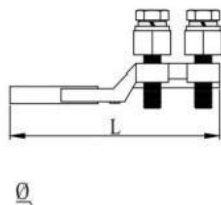
Type	D1	
OTD-25	2	
OTD-35	14	8.5
OTD-50	16	9.5
OTD-70	18	12
OTD-95	21	13
OTD-120	23	15
OTD-150	25	16
OTD-185	27	18
OTD-240	30	20
OTD-300	34	23
OTD-400	38	26



Brass Lugs&Connector



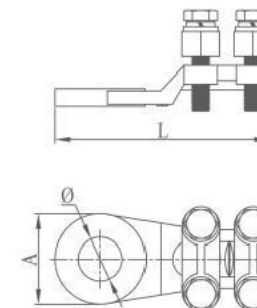
>>WCJC brassjointing clamps



Fixed by bolts
Used in the connections between the electrical equipment with cable and the indoor distribution equipment
Surface: tin plated

Type	Conductor (mm)	Dimension mm			
			A		
WCJC-1	10-25	40	17	25	8.5
WCJC-2	35-50	53	21	26	10.5
WCJC-3	50-70	62	23	31	10.5
WCJC-4	70-95	70	24	35	10.5
WCJC-5	95-120	75	29	41	13.5
WCJC-6	20-150	75	27	42.5	13.5
WCJC-7	150-185	76	28	42.5	13.5

>>WCJB Brass Lug



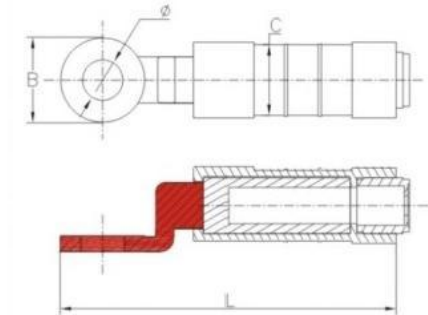
Fixed by bolts
Used in the connections between the electrical equipment with cable and the indoor distribution equipment
Surface: tin plated

Item No	Conductor				
WCJB-1	16-25		37	15	21
WCJB-2	25-35	10.5	48.5	22	24
WCJB-3	35-50	10.5	48.5	24	31
WCJB-4	50-70	11.5	62	22	31
WCJB-5	70-95	13	66	26	33
WCJB-6	95-120	3.5	74	30	36.5
WCJB-7	120-150	3.5	74	30	36.5
WCJB-9	185-240	7.5	92	39	46.5
WCJB-10	300	20.5	09	44	56
WCJB-11	400	24	21	49	61

Pre-insulated Lug and Connector



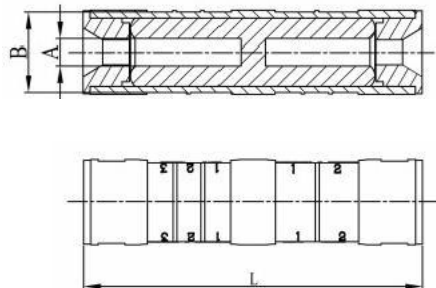
>>Pre-insulated bimetal lug



- The CPTAU-4 pre-insulated bimetal lug is used to establish connection between LV-ABC cable and electrical equipments.
- Palmis made of 99.9% pure copper and sleeve is made of 99.6% Pure aluminum
- Cross-section of conductor can be easily identified by the color code of elastomeric rings
- Elastomeric ring and pre-filled grease enable super waterproof performance
- Watertightness test carried out at 6kV for 1 minute under water
- Insulation tube is made of water and UV resistant polymer
- Standard: EN 50483-4, N FC 3 021

Type	Φ	C	B	L	Color
CPTAU 16-10	10.5	16	20	77	Blue
CPTAU 25-12	13	16	24	100	Orange
CPTAU 35-12	13	20	25.5	100	Red
CPTAU 50-12	13	20	25.5	100	Yellow
CPTAU 54.6-12	13	22	26	104	Black
CPTAU 70-12	13	20	25.5	100	White
CPTAU 95-12	13	20	25.5	100	Green
CPTAU 120-12	13	25/28	30	118	Pink
CPTAU 150-12	13	25/28	30	118	Violet

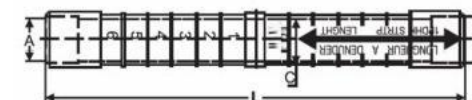
>>Pre-insulated sleeve MJPT series



- The CPTAU-4 pre-insulated bimetallic is used to establish connection between LV ABC cable and electrical equipments.
- Part is made of 99.9% pure copper and sleeve is made of 99.6% pure aluminium.
- Cross-section of conductor can be easily identified by the color code of elastomeric rings
- Elastomeric ring and pre-filled grease enable super waterproof performance
- Watertightness test carried out at 6kV for 1 minute under water
- Insulation tube is made of weather and UV resistant polymer
- Standard: EN50483-4, NF C33-021

Type	Cable Size (mm ²)		Plastic sleeve Diameter	
	A	B	A	B
MJPT 16/16	6	6	17.5	70
MJPT 25/25	6	6	17.5	70
IpT 35/35	6	6	22	98.5
MJPT 50/50	6	6	22	99.5
MJPT 70/70	6	6	22.4	100
MJPT 95/95	6	6	22.4	100
MJPT 120/120	6	6	26	136
MJPT 150/150	6	6	28	136

>>Pre-insulated sleeve MJPTN series



- Feature:
 1. Insulation sheath is made of weather and UV resistant material.
 2. Clear marking on insulation sheath to indicate crimping die, crimping sequence and times, cross-section of conductor and stripping length.
 3. Elastomeric caps and pre-filled silicone grease ensure superior waterproof.
 4. Stripping of cable insulation is required before insertion.
 5. Tested by dielectrical voltage of 6kV for 1 minute under water.
- Standard: EN50483-4, NF C33-021

Type	Cross section (mm ²)	Cable size (mm)		Plastic sleeve Diameter (mm)	
		A	C	A	B
MJPTN 54.6	54e	54.6	54.6	20	20
MJPTN 54.6/70	54.6/70	54.6	70	20	20
MJPTN 70/70	70/70	70	70	20	20
MJPTN 80	80/80	80	80	20	20
MJPTN 95	95	95	95	25	25
MJPTN 120	120	120	120	25	25

Insulation Piercing Connector



>>Standard type SJ(JJC)series



- Application:**
 SJ(JJC)insulation piercingconnectors are applicable for all types of LV-ABC conductors as well as connections in service line system,building electrical system and street lighting system.Installation of SJ(JJC)can be easily done by tightening bolts to force teeth penetrateinsulation of main line and tap line simultaneously.Stripping of insulation is avoided forboth lines.
- Material:**
 Insulation material made of weather resistant glass fiber reinforced polymer.
 Contact teeth made of tinned brass or copper or aluminum.
- Feature:**
 Standard:EN 50483-4,NF C33-020,NF C33-004

Type	Equivalent type	Main line section	Branch section	Normina Hurie A	Dimenslons l	Weight	PiercingDepth	o. ofbo
Sj756	JJC888	0.75-6	0.75-6	41	21*27*23	10	1-1	1
SJ101	JJC-1	1.5-25	1.5-10	55	27*41*62	55	1.5-2	1
SJEP	1C-2	16-95	1.5-10	55	27*41*62	55	1-2	1
SJ102	JJC-3 (A)	6-50	4-25	157	42*45*62	110	2.5-3.5	1
SJ2-95	JJC-3	16-95	4-35 (50)	157	46*52*87	160	2.5-3.5	1
SJ2-150	J0 =4	50-150	6-35 (50)	57	46*52*87	162	2.5-3.5	1
SJ3-95	JJC-5	25-95	25-95	214	50*61*100	198	3-4	1
SJ3-120	JJC-5-1	16-120	16-120	214	50*61*100	198	3-4	1
SJ4-150	JJC-6	(35)50-150	(35)50-150	316	50*61*100	280	3-4	1
Sj6	JJC-7	120-240	25-120	276	52*68*100	360	3-4	1
SJ7	JJC-7-1	150-240	10-25	102	52*68*100	336	3-4	1
SJ400	-	95-400	35-300	425	83*130*130	1050	5-6	2

>>10kV Standard type SJ10(JJC10)



- Application:
Applicable to branch connection and succession of 10kV overhead insulated lead.

Type	Equivalent type	Main line section	Branch section	Normal HureTl [H	plercinaDenl	No. of bolts
SJ10-95/70	JJC10-1	25-95	16-70	226	4.5	
SJ10-185/50	JJC10-2	95-185	16-50	180	4.5-6	2
SJ10-240/150	JJC10-3	95-240	50-150	366	4.5-6	2
SJ10-240/240	JJC10-4	95-240	95-240	530	4.5-6	2

>>Insulation piercing connector JBC series



- Material:
Insulation material made of weather resistant glass fiber reinforced polymer.
Contact teeth made of tinned brass or copper or aluminum.
- Feature
Had passed 6kV test underwater for 1 Min.
Standard: EN 50483-4, NF C33-020, NF C33-004

Type	Main line section Imm	Branch section ulu)	No bolts
JBC-0	25-70	6-35	
JBC-1	35-70	6-35	
JBC-2	35-150	35-150	
JBC-3	50-240	50-150	2

>>Insulation piercing connector TTD



● Feature:

- 1.Main line:Insulated copper or aluminum
- 2.Branch line:Insulated copper or aluminum
- 3.Live-line worker power-cut work is allowable
- 4.Main body of connector is made of high strength insulating material that antimechanical change or climatic variation.

Type	Main line (mm ²)	Branch line (mm ²)	Max current (A)	Bolt	Torque nut
TTD041FJ	6-35	1.5-10	86	1*M8*13mm	F1309
TTD051FJ	16-95	1.5-10	86	1*M8*13mm	F1309
TTD101FJ	6-50	2.5(6)-35	200	1*M8*13mm	F1314
TTD151FJ	25-95	2.5(6)-35	200	1*M8*13mm	F1314
TTD201FJ	35-95	25-95	377	1*M8*13mm	F1318
TTD251FJ	50-150	25-95	377	1*M8*13mm	F1318
TTD271FJ	35-120	35-120	377	1*M8*13mm	F1318
TTD281FJ	50-185	2.5(6)-35	200	1*M8*13mm	F1314
TTD301FJ	25-95	25-95	377	2*M8*13mm	F1314
TTD401FJ	50-185	50-150	504	2*M8*13mm	F1318
TTD431FJ	70-240	16-95	377	2*M10*17mm	F1720
TTD441FJ	95-240	50-150	504	2*M10*17mm	F1725
TTD451FJ	95-240	95-240	530	2*M10*17mm	F1725
TTD551FJ	120-400	95-240	679	2*M10*17mm	F1737

>>Insulation piercing connector CD series



● Feature:

- 1.Used for branch connection
 - 2.Main line:insulated aluminum cable
 - 3.Tap line:bare aluminum cable or bare copper cable
 - 4.Connector body is made of aluminum alloy with high mechanical strength and ensures stable performance
 - 5.Special designed shear head bolt allows efficient installation within specific shear-off torque. Constant force ensures teeth penetrate cable without damaging mechanical strength of conductor.
 6. Insulation sheath provides superior waterproof.
- Standard: EN 50483-4, NF C33-020, NF C33-004

Type	Main line section (mm)	Tap Conductor Cross-section (mm ²)
CD21	10-25	2.5-35
CD71	35-95	4-54
CD72	35-95	2*4-54
CD150-1P	16-150	1.5-95
CD150-2P	16-150	2*1.5-95
CD150-4P	16-150	4*1.5-95
CD71	35-95	4-54
CT295-2	35-95	2.5-35
CT295-3	35-95	2*2.5-35

Dead End Clamp



>>Dead end clamp(tension clamp or anchor clamp)JBG series



- Features:
 - 1.Body is made of corrosion resistant extruded aluminum alloy.
 - 2.Metal support is made of stainless steel or steel.
 - 3.Wedges are made of weather resistant and anti-UV material with high mechanical strength.
- Standard:EN 50483-3,NF C33-041

Type	Conductor Cross-section (mm ²)	Breaking load
JBG-1000	25-35mm ²	10kN
JBG-1500	50-70mm ²	15kN
JBG-2000	70-95mm ²	15kN

>>Dead end clamp (tension clamp or anchor clamp)PAL series



- Features
 - 1.Body is casted of corrosion resistantaluminum alloy with high mechanical strength.
 - 2.Metal support is made of stainless steel or steel.
 - 3.Wedges are made of weather resistant and anti-UV material with high mechanical strength.
- Standard:EN50483-3,NF C33-041

Type	Conductor Cross-section (mm ²)	Breaking load
PAL-500	25-35	6KN
PAL-1000	35-50	20KN
PAL-1500	50-70	15KN
PAL-2000	70-120	18KN

Notice:We provide a variety of bracket for Anchoring Assemblies.Specifications of bracket see anchor bracket.

>>Dead end clamp (tension clamp or anchor clamp)PAM-06 ≤6mm²



- Features
 - 1.Reduced dimensions for easierhandling
 - High mechanical and climatic resistance
 - Cable gripping device ininsulating material ensures the double insulation of the neutral core and avoids damage to sheath
 - 4.Stainlesssteel bail with two marblescompressed on the end.
- Standard:NF C33-041

Type	PA06 smm ²	PA07 ≤ mm ²	PA08 smm ²	V
PAM-06	≤6mm ²	≤7mm ²	≤7mm ²	≤10mm ²

>>Dead end clamp (tension clamp or anchor clamp)PAM-07 ≤7mm²



Features

- 1.Reduced dimensions for easier handling
- 2.High mechanical and climaticresistance
- 3.Cable gripping device in insulating materialensures the double insulation of the neutral core and avoids damage to sheath
- 4.Stainlesssteel bail with two marbles compressed on the end.

- Standard:NFC33-041

y	PA06 smm ²	PA07 smm ²	PA08 smm ²	PA09 smm ²
PAM-07	≤6mm ²	≤7mm ²	≤7mm ²	≤10mm

>>Dead end clamp (tension clamp or anchor clamp)PAM-08 ≤7mm²



Features

- 1.Reduced dimensions foreasier handling
- 2.High mechanical and climatic resistance
- 3.Cable gripping device in insulating materialensures the double insulation of the neutralcore and avoids damage to sheath
- 4.Stainlesssteel bail with two marbles compressed on the end.

- Standard:NFC33-041

Type	PA06 smm ²	PA07 smm ²	PA08 smm ²	PA09 smm ²
PAM-08	≤6mm ²	≤7mm ²	≤7mm ²	≤10mm ²

>>Dead end clamp (tension clamp or anchor clamp)PAM-09 ≤10mm²



Features

- 1.Reduced dimensions for easier handling
- 2.High mechanical and climaticresistance
- 3.Cable gripping device in insulating materialensures the double insulation of the neutral core and avoids damage to sheath
- 4.Stainless steel bail with two marbles compressed on the end.

- Standard:NFC33-041

ype	PA06 smm ²	PA07 smm ²	PA08 smm ²	PA09 smm ²
PAM-09	s6mm ²	≤7mm ²	s7mm ²	s10mm ²

>>Dead end clamp (tension clamp or anchor clamp)PA2/35



- Material:Mild steel,nylon plus fiberglass

Type	Cross section(mm ²)	Messenger DIA. (mm)	Breaking load
PA2/35	2*(16-35)	3-6	6.5

>>Dead end clamp (tension clamp or anchor clamp)PA 4/35



- Material:Mild steel,nylon plus fiberglass

ype	Cross section(mm ²)	Messenger DIA. (mm)	Breaking load
PA4/35	2*16-4*35	3-6	8

>>Bolt type strain clamp NLL series



- Features:
 - 1.The body is made of high-strength
 - 2.Smooth surface long service life
 - 3.Easy installation
 - 4.No waste electric energy

Y0日	Conductor dia(mm)	U bolts		Breaking load(kN)
		Dia	Qty	
NL -1	8.0-12.0	12	2	40
NL -2	12.0-16.0	12	2	60
NL -3	16.0-18.0	14	3	70
NL -4	18.0-22.5	14	3	90
NL -5	22.5-29.0	16	4	120
NLL-6	26.0-32.7	18	4	120

Anchor Clamp



>>Dead end clamp(tension clamp or anchor clamp)PA150025-50mm²



- Feature:
 1. Dead end clamp is made of weather resistant and anti-UV material with high mechanical strength.
 2. Easy installation without any additional tool.
 3. No loose parts could fall off during installation.

Type	Cross section (mm ²)
LA	16-35mm ²
S/C	4*16/4*25
STD	1*16/1*70
LA1	4*16/4*25
LA2	2*6/2*16
DCR-1	1*4/1*25
DCR-2	4-25
2.1	16-25
PA 500	35-70
P 00	70-120
DR-1600	70-120mm ²

Collection Tension Clamp



>>Dead end clamp(tension clamp or anchor clamp)PAT series



- Features:
 1. Iron braces are made of steel strap with surface galvanized.
 2. Wedges are made of weather resistant and anti-UV material with high mechanical strength.
 3. Equipped with bolts.
 4. Strong springs between wedges facilitate the insertion of conductors.
 5. No loose parts could fall off during installation.

Type	Cross section (mm ²)	Messenger DIA. (mm)	Breaking load
PAT 435/50	4* (35-50)	11-14	15kN
PAT 450/120	4* (50-120)	11-17	20kN
PAT 470/95	4* (70-95)	14-16	15kN

>>Dead end clamp(tension clamp or anchor clamp)RPA series



- Features:
 1. Reinforced polyamide fiberglass body
 2. Two clamping steel plates with steel bolts
 3. The spring provide automatic opening of clamp for installation and fastening of wires.

Type	Cross section (mm ²)	Messenger DIA. (mm)	Breaking load
RPA425/50	4* (25-50)	10-12	15kN
RPA450/120	4* (50-120)	11-17	20kN

>>Dead end clamp (tension clamp or anchor clamp)PAS 4*(16-35)



- Features:
 - 1.Reinforced polyamide with fiberglass body.
 - 2.Two clamping steel plates with steel bolts
 - 3.The spring,provide automatic opening of clamp for installation and fastening of wires.

Type	Cross section (mm)	Messenger DIA. (mm)	Breaking load
PAS	4* (16-35)	4-11	4kN

>>Dead end clamp(tension clamp or anchor clamp)PAG Series



- Features:

Reinforced polyamide with fiberglass body.

 - 1.Two clamping steel plates with steel bolts
 - 2.The spring,provide automatic opening of clamp for installation and fastening of wires.

Type	Cross section (mm ²)	Messenger DIA. (mm)	Breaking load
PAG1	2* (16-35)	4-8	6kN
PAG2	4* (16-35)	4-8	8kN

>>Dead end clamp (tension clamp or anchor clamp)NXJ Series



- Features:
 - 1.The shell madeof anti-oxidation high strength aluminum alloy,without waste power
 - 2.The core of wedge made of insulating reinforce plastics,1-10kV withstandvoltage:218kV,not breakdown one min
 - 3.No need to remove the insulation layer,al-core wire can ve useddirectly
 - 4.Without waste power
 - 5.Wedge structure,easy to install

Type	InsulatedAl cable size(mm ²)			core size	grip strength(kN)	breaking load (kN)
	1kV	10kV				
NXJ-1 (B)	16-35	/	/	7.1-10	1.6	13.7
	50-70	16-25		11.7-13.7	2.4	
	95	35-50		14.8-16.1	4.55	
NXJ-2 (B)	50-70	10-16		11.2-12.8	/	21
	70-95	16-35		12.6-15.8		
	95-120	35-50		14.8-16.7		
	120-150	70-95	25-35	17.8-19.4	8.9	
	185	120-150	50-70	20.8-22.4	13.65	
NXJ-3 (B)	185	20-150	50-70	20.8-22.4	13.65	43.3
	240	185-240	95-120	24-26.2	22.5	
NXJ-4 (B)	/	300	120-150	28.4	28.2	46.5

Suspension Clamp



>>Suspension ClampSJ9416-95mm²



- Application:
SJ94 suspension clamps are designed to hang LV-ABC lines with bare neutral messenger.It consists of aluminum alloy clamp body and with plastic mould base.

ype	Cross section(mm ²)	Breaking load
Sj94	16-95	12kN

>>Suspension Clamp PS series



- Features:
 - 1.Clamp is made of steel strap with hot-dip galvanized on surface.
 - 2.Rubberpart is made of weather resistant and anti-UV material.
 - 3.Equipped withshear head bolts.Constant installation torque is convenient for installation without any any damage to cable insulation layer
 - 4.No loose parts could fall off during installation.
- Standard:EN 50483-2

Type	Cross_section(mm ²)	Breaking load
PS4*25	25	8
pS4*3	35	
PS4*50	50	8
PS4*70	70	10
PS4*95	95	10
PS4*120	120	10

>>Suspension Clamp SPD series



- Features:
 - 1.Clamp is made of corrosion resistant aluminum alloy with high mechanical strength.
 - 2.Plastic part is made of weather resistant and anti-UV material
 - 3.Shear head bolt and wing nut allow no additional tool during installation.
 - 4.Constant installation torque is convenient for installation without any damage to cable insulation layer.
 - 5.No loose parts could fall off during installation.
 - 6.Standard: EN 50483-2

Type	Cross section (mm ²)
SPD1	$-4 \times (25-50) \leq 60^\circ$ / $2-4 \times (25-120) \leq 30^\circ$
SPD2	$2-4 \times (25-120) \leq 30^\circ$
SPD3	$2-4 \times (25-120) \leq 90^\circ$

>>Anchor bracket CS10/CS20



- Application:

Anchor bracket made of aluminium alloy designed for main cables or up to. Fixing on poles by 2 bolts (x14 or 16 mm) or by 2 steel straps (20 mm x 0.7 mm stainless).

Type	Breaking load (kN)
Cs10	15
Cs20	20

>>Anchor bracket ES1500-A



●Application:

Anchor bracket made of aluminium alloy designed for main cables or up to. Fixing on poles by 2 bolts (x14 or 16 mm) or by 2 steel straps (20mm x 0.7mm stainless). An upper bulge prevents the clamp from turning over on the bracket.

Type	Breaking load (kN)
ES1500-A	15

>>Anchor bracket ES1500-B



● Application:

Anchor bracket made of aluminium alloy designed for main cables or up to. Fixing on poles by 2 bolts (x14 or 16 mm) or by 2 steel straps (20mm x 0.7mm stainless). An upper bulge prevents the clamp from turning over on the bracket.

Type	Breaking load (kN)
ES1500-B	15

>>Anchor bracket CS 1500



●Application:
Anchor bracket made of aluminium alloy designed for main cables or up to. Fixing on poles by 2 bolts (×14 or 16 mm) or by 2 steel straps (20mm×0.7mm stainless). An upper bulge prevents the clamp from turning over on the bracket.

Type	Breaking load (kN)
cS 1500	10

>>Anchor bracket CS 1200



● Application:
Anchor bracket made of aluminium alloy designed for main cables or up to. Fixing on poles by 2 bolts (×14 or 16 mm) or by 2 steel straps (20mm×0.7mm stainless). An upper bulge prevents the clamp from turning over on the bracket.

Type	Breaking load (kN)
CS 1200	10

>>Anchor bracket Ca25



- Application:
CA25 Stainless Steel Anchor Bracket is designed for pulling in overhead cables.
It is used for straight lines and small angles upto 30.

ype	Breaking_load (kN)
Ca25	2

>>Suspension Clamp 1.1A



- Features:
 - 1.Clamp and ring pull are made of weatherresistant and anti-UVmaterial with high mechanicalstrength.
 - 2.Neutral messenger is placed in the groove and locked by an adjustable grip device tofit differentcable sizes.
 - 3.Easy installation,without any additional tools.
 - 4.No loose parts could fall off during installation.
 - 5.Standard:EN 50483-3,NFC33-040

Type	Breaking load (kN)
1. 1A	16-120

Notice:We provide a variety of bracket for SuspensionAssemblies.
Specifications of bracket see bracket.

>>Suspension Clamp PS-1500



- Features:
 1. Clamp and ring pull are made of weather resistant and anti-UV material with high mechanical strength.
 2. Neutral messenger is placed in the groove and locked by an adjustable grip device to fit different cable sizes.
 3. Easy installation, without any additional tools.
 4. No loose parts could fall off during installation.

Type	Breaking load (kN)
PS-1500	12kN

Polymer Insulator

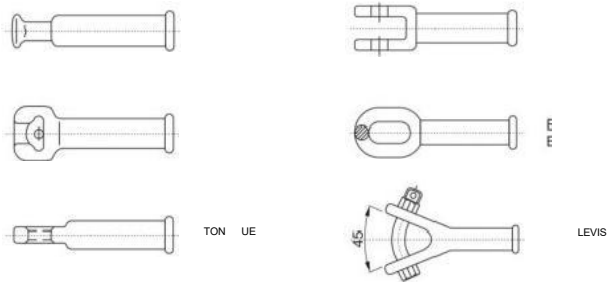


>>Dead end Insulators



		ch_			i0				
FXB-12/70	12	70						95	
FXB-24/	24								
FXB-36/70	36	70				95	200		

>>END FITTINGS

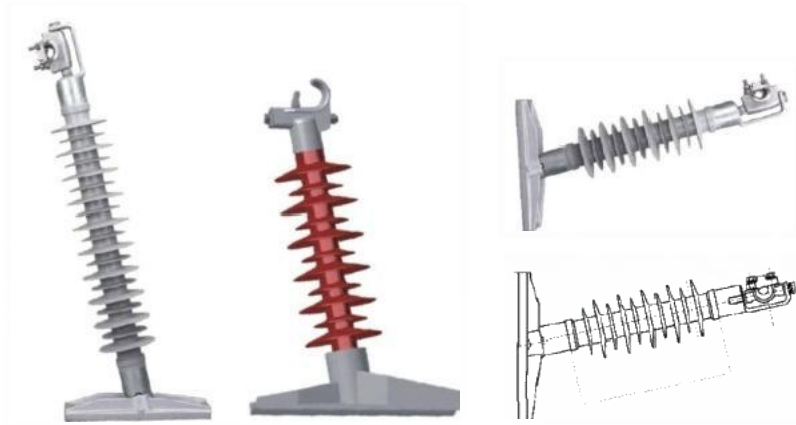


>>Pin Insulators



Type					lin normina ist	hsta_	min power wefwuency ollagelk
FPQ-12/12.5M20-230	2	12.5	230	46	440	75	42
FPQ-24/12.5M20-280	24						55
FPQ-36/8M2-380	36		380	296	960	70	70
FPQ-36/10M16-376	36	10	376	260	900	70	70

>>Line post insulators



Type	Rated voltage (kV)	Specified mechanical load	Length	Dry arc distance	Leakage distance	BIL	Power frequency wet flashover	Number of shed
FPS-38	38kV	12.5kN	630mm	380mm	1330mm	260kV	130kV	7
FPS-69	69kV	11kN	860mm	556mm	1420mm	340kV	195kV	8
FPS-115	115kV	9.5kN	1115mm	848mm	2100mm	620kV	295kV	12
FPS-138	138kV	12.5kN	1310mm	950mm	2500mm	760kV	430kV	18

Lightning Arrester



>>Polymer Surge Arrester



Metal Oxide Polymer Housing(Gapless)type Surge Arrester (5kA)(10kA)

Type	Rated voltage (kV)	Maximum continuous operation voltage kV rms	Discharge voltage (kV)		8/20 μ s Lightning current impulse kV (peak)	2000 μ s Square wave current impulse withstand A (peak)		4/10 μ s High current impulse kA (Peak)	
			Power zkv (ums)	1.2/50 μ s Lightning current V (Pea)		5kA	10kA	5kA	10kA
HY5W/HY10W-9	9	7.65	28.5	23.1	27	100	250	65	100
HY5W/HY10W-10	10	8.3	36	27	30	100	250	65	100
HY5W/HY10W-11	11	9.5	38.5	30	33	100	250	65	100
HY5W/HY10W-12	12	10.2	47.5	30.8	36	100	250	65	100
HY5W/HY10W-15	15	12.7	57	38.5	45	100	250	65	100
HY5W/HY10W-18	18	15.3	66.5	46.2	54	100	250	65	100
HY5W/HY10W-21	21	17	76	53.9	63	100	250	65	100
HY5W/HY10W-24	24	19.5	85.5	61.6	72	100	250	65	100
HY5W/HY10W-27	27	21.9	95	69.3	81	100	250	65	100
HY5W/HY10W-30	30	24.4	104	76.5	90	100	250	65	100
HY5W/HY10W-33	33	26.8	114	84.7	99	100	250	65	100
HY5W/HY10W-36	36	29	132.3	92.7	108	100	250	65	100
HY5W/HY10W-42	42	34.1	100.1	100.1	126	100	250	65	100

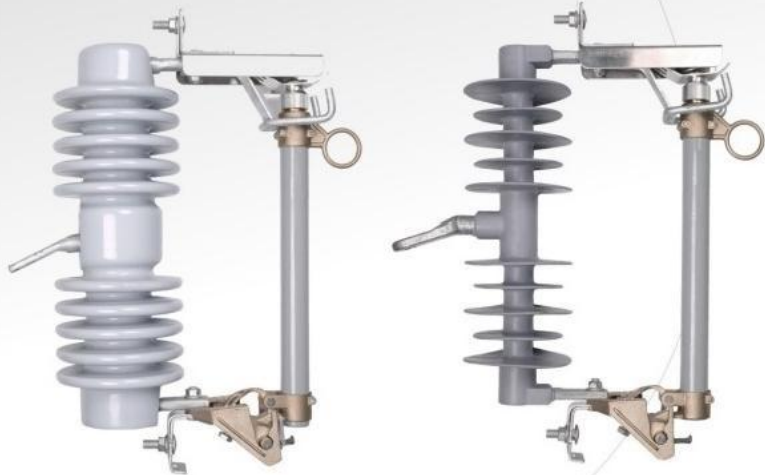
>>Porcelain Surge Arrester



Nominal Discharge Current 5kA、10kA porcelain housed metal-oxide lightning arrester Without Gaps

Type	Rated voltage (kV)	Maximum continuous operation voltage kV rms	Discharge voltage (kV)		8/20 μ s Lightning current impulse kV (peak)	2000 μ s Square wave current impulse withstand A (peak)		4/10 μ s High current impulse kA (Peak)	
			Power frequency kV (r. m. s)	1.250 μ s Lightning current kV (Peak)		5kA	10kA	5kA	10kA
Y5C/Y10C-9	9	7.65	16.5	24.5	27	100	1	65	100
Y5C/Y10C-10	10	8.4	18	27.2	30	100	1	65	100
Y5C/Y10C-12	12	10.2	21	32.6	36	100	1	65	100
Y5C/Y10C-15	15	12.7	25	38.8	45	100	1	65	100
Y5C/Y10C-18	18	15.3	31	48.1	54	100	1	65	100
Y5C/Y10C-21	21	17	34	52.7	63	100	1	65	100
Y5C/Y10C-24	24	19.2	39	60.5	75	100	1	65	100
Y5C/Y10C-27	27	21.9	45	69.8	81	100	1	65	100
Y5C/Y10C-30	30	24.4	50	77.5	90	100	1	65	100
Y5C/Y10C-33	33	26.8	55	85.3	99	100	1	65	100
Y5C/Y10C-36	36	29	60	93	108	100	1	65	100
Y5C/Y10C-42	42	34.1	70	108.5	126	100	1	65	100

Fuse Cutout



>>Porcelain Fuse Cutout



Type	Rated voltage (kV)	Rated Current (A)	Breaking Current (A)	Impulse Voltage (kV)	Creepage distance (mm)	Power frequency withstand voltage(kV)	Weight (kg)	Dimension (mm)
SJ1-15	10-15	100/200/300	8,000/10,000	10	220	40	6	41*36*10
SJ1-24	15	100/200/300	8,000/10,000	25	320	45	7	50*36*11
5J-27	24-27	100/200/300	8,000/10,000	50		65	10	5013914
3J-27	24-27	100/200/300	8,000/10,000	50	540	70	14	50139 14
SJ1-33	30-33	100/200/300	8,000/10,000	70	060	70		59*36*14
SJ1-36	33-36	100/200/300	8,000/10,000	170	720	70	15	66*37*15

>>Polymer Fuse Cutout



Type	Rated voltage (kV)	Rated Current (A)	Breaking Current (A)	Impulse Voltage (kV)	Creepage distance (mm)	Power frequency withstand voltage(kV)	Weight(kg)	Dimension (cm)
HSJ1-15	0-15	00 20 300	3,000/10,000	10	20	40	4	41*37*10
HSJ1-24	5 24	00 200/300	8,000/10,000	25	420	45	5	50*36*11
HSJ1-27	27		8,000/10,000			65	6	50*39*14
HS.	30-33	100/200/300	8,000/10,000	70	660	70	7	59*36*14

Disconnect Switch



>>GW9 Series Disconnect Switch



Technical Parameters

	te	Uni	E
	Rated frequenc)	Hz	50
2	Ratedvoltage	kV	12
3	Rated current	A	630 (1250)
4	Rated short-time withstand current and duration	kA/s	20 (25)/4
5	Rated peak withstand current	kA	50 (63)
6	Rated short-time powerfrequency withstand voltage	Interphase, to earth(dry)	42/1
		Break (dry)	48/1
		Interphase, to earth (wet)	30/1
		Break (wet)	36/1
7	Rated lightning impulsewithstand voltage	Interphase, to earth	75
		Break	85
8	Circuit resistance	$\mu\Omega$	580
9	Mechanical life	Time	3000
10	Pollution grade		
11	Creepage distance	mm	≥ 372

Note:if altitudeover than 1000m,the rated insulation level should be modify as appropriate.

>>GW1 Series Disconnect Switch



	Rated voltage	kV	10	15	20	
2	Rated yoltage	kV	12	17.5	24	
3	lmin power frequency withstand voltage	To earth	kV	38	40	50
		Break	kV	42	47	60
4	Rated lightnin impulse withstand voltage	To earth	kV	75	05	125
		Break	kV	85	20	145
5	Rated frequency	Hz	50			
6	Rated current	A	200	400	630	1250
7	4s short time withstand current	kA	6.3	12.5	20	31.5
8	Peak withstand current	kA	16	31.5	50	80
9	Mechanism supplied for disconnecter	CS8-1、CS8-D、CS8-11D Rain type manual mechanism orCJ35 motor drive mechanism				

>>RH-B Series Disconnect Switch



Type	Rated voltage (kV)	Rated current	4s heat steady current	Shock steady current A	Lightning impulse withstand voltage		Power-Freake 电 withstand voltage	
					To earth	Across the isolating distance	To earth	Across the isolating distance
RH-B	11	400	2500	31500	75	95	38	42
		630	20000	50000				
	33	400	2500	31000	170	195	70	80
		630	20000	50000				

Vacuum Circuit Breaker



>>ZW32 Series Vacuum Circuit Breaker



No.	Item	Unit	Datas			
1	Rated voltage	kV	12	24	40.5	
2	Rated frequency	Hz	50/60			
3	Rated current	A	630/1250		1250/1600	
4	Rated short-time power frequency withstand voltage	kV/min	Interphase, to earth (wet)	34	50/64	80/95
			Interphase, to earth (dry)	42	65/79	118
			Break (dry)	48/	65/79	118
			Secondary circuit to earth	2	2	2
5	Rated lightning impulse withstand voltage	kV	Interphase, to earth	75	25	85
			Break	85	45	215
6	Rated short-circuit breaking current	kA	20/25		25/31.5	
7	Rated short-circuit making current (peak)	kA	50/63		63/80	
8	Rated short-time withstand current and duration	kA/s	20/25		25/31.5	
9	Rated peak withstand current	kA	50/63		63/80	
10	Rated short-circuit breaking current breaking times	imes	30			
11	Rated operating voltage and rated voltage of auxiliary circuit	V	AC/DC220, DC48, DC24			
12	Mechanical life	times	10000			

>>ZW7 Type Vacuum Circuit Breaker



Technical Parameters

0	Item	Unit	Datas	
1	Rated frequency	Hz	50	
2	Rated voltage	kV	40.5	
3	Rated current	A	1250/1600/2000	
4	Rated short-time power frequency withstand voltage	kV/min	Interphase, to earth (wet)	80/
			Interphase, to earth (dry)	95/1
			Break (dry)	118/1
			Secondary circuit to earth	2/1
5	Rated lightning impulse withstand voltage	kV	Interphase, to earth	185
			Break	215
6	Rated short-circuit breaking current	kA	31.5	
7	Rated short-circuit making current (peak)	kA	80	
8	Rated short-time withstand current and duration	kA/s	31.5/4	
9	Rated peak withstand current	kA	80	
10	Rated short-circuit breaking current breaking times	times	20	
11	Rated operating voltage and rated voltage of auxiliary circuit	V	AC/DC220, AC/DC110	
12	Main circuit resistance (without CT)	$\mu\Omega$	S10	
13	Mechanical life	times	10000	

>>LW Type Sulphur Hexafluoride SF6 Gas Circuit Breaker



Applicable for 12-145kV,the following is 72.5kV type technical parameters:

No.	Item	Unit	Datas
	Maximum Voltage	kV	72.5
2	Rated Voltage	kV	67
3	Rated Frequency	Hz	60
4	Rated Current	A	2500
5	Rated short circuit breaking current	short-circuit current	kA 40
		DC component	/ 40%
6	Rated duration of short-circuit		
7	Rated short time withstand current (peak)	kA	40
8	Rated short circuit making current (peak)	kA	100
9	Rated power frequency withstand current (effective values)	phase to earth	kV 160
		between open contacts	kV 200
10	Rated lightning impulse withstand voltage (peak)	phase to earth	kV 350
		between open contacts	kV 440
11	Rated peak withstand current	kA	100
12	Rated out-of-phase breaking current	kA	10
13	Rated line-charging breaking current	A	50
14	Rated operating sequence	I	0-0.3S-C0-180S-C0
15	Closing time	ms	≤100
16	Opening time	ms	550
17	Opening -simultaneity	ms	<3
18	Closing-simultaneity	ms	<5
19	Rated SF6 gas pressure (20°C)	Mpa	0.5
20	Sf6Annual gasleakage rate	%	≤0.5%
21	Gaseous fuel watercontent	ppm(vl)	≤150
22	Resistance of each primary loop	μΩ	70
23	weight of fill SF6 gas	kg	8
24	Mechanical life	times	10000
25	Weight of circuitbreaker	kg	1700