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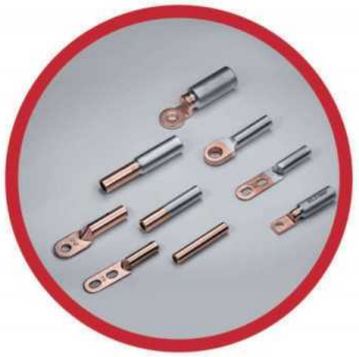

PIONNER CABLE LUG & CONNECTOR MANUFACTURER

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Godel
ELECTRIC

温州哥德乐电力金具有限公司

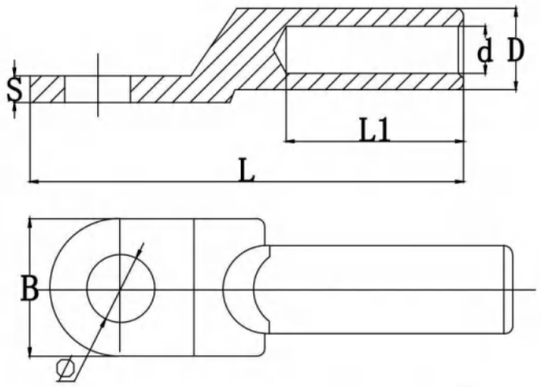
WENZHOU GEDELE ELECTEIC FITTING CO., LTD

COMPANY INTRODUCTION

Wenzhou Gedele Electric Fitting CO., LTD was established in 2007, after More than 10 years of development, it has become a professional integrated high-tech enterprises, which engaged in design, development and match-production of various pressing Cable Lugs and connectors.

Gedele has strong technical force, the advanced technique of production and testing equipments, and established quality system according to the IS09001 international standards, which applied in the whole process control of the product design, manufacturing and service. Gedele has obtained the Quality Certification of IS09001 international quality system which issued by the China Quality Certification Center. The products has passed CE Certificate ,conform to the ROHS standards and SGS Environmental Protection Certificate, which were sold from coast to coast and exported in the Middle East, Southeast Asia, the European Union, the United States, Australia and other regions and countries.

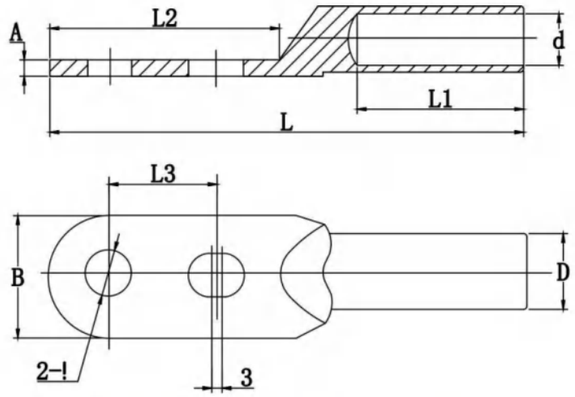
DT Type Copper Cable Lugs



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

Catalog No.	Dimensions(mm)					
	L	L1	d	D	ϕ	B
DT-1-10	60	29	6.6	9	8.5	13
DT-1-16	60	29	6.6	9	8.5	14.5
DT-1-25	64	31	7.3	10	8.5	16
DT-1-35	72	32	8.5	11	10.5	18
DT-1-50	77	36	9.5	13	10.5	20
DT-1-70	83	37	11.5	15	12.5	23
DT-1-95	92	40	13.5	17	12.5	26
DT-1-120	97	42	15	19	14.5	28
DT-1-150	106	46	17	21	14.5	30
DT-1-185	112	47	18.7	23	17	33
DT-1-240	118	48	20.6	25	17	36
DT-1-300	143	62	23	30	21	45
DT-1-400	159	70	26.5	34	21	50
DT-1-500	175	72	29	38	21	55
DT-1-630	205	80	34	45	21	60

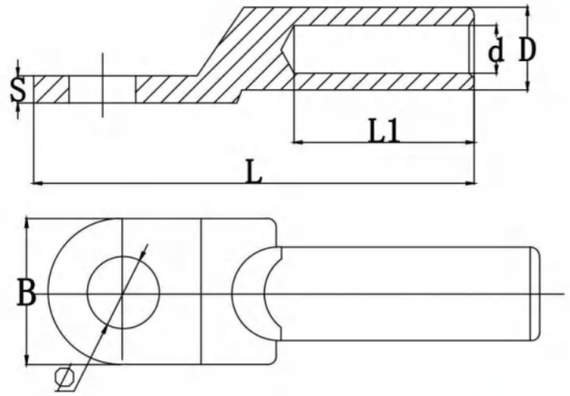
DT Type 2 Holes Copper Cable Lugs



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

Catalog No.	Dimensions(mm)								
	ϕ	D	d	L	L1	L2	L3	B	A
DT-10S	8.4	9	5.5	87	30	41	20	16	3
DT-16S	8.4	10	6.5	93	31	47	20	18	3
DT-25S	8.4	11	7	93	34	47	20	20	3
DT-35S	8.4	12	8.5	102	36	50	20	23	3
DT-50S	8.4	14	9.5	107	40	52	20	23	3
DT-70S	10.5	16	12	118	44	58	25	28	4
DT-95S	10.5	18	13	126	47	60	25	28	4
DT-120S	12.5	20	15	138	50	65	30	34	4
DT-150S	12.5	22	16	142	54	67	30	34	5
DT-185S	12.5	25	18	160	56	77	35	40	6
DT-240S	12.5	27	20	165	58	77	35	40	6.5
DT-300S	16.5	30	23	178	62	80	40	50	8.5
DT-400S	16.5	34	26	188	70	83	40	50	8.5

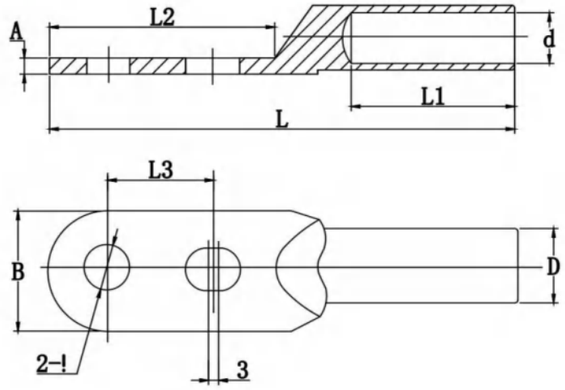
DTL-1 Type Bimetallic Lug



Application:
Used for transition connection of aluminium cable or aluminium alloy cable with copper end of electrical equipment in low voltage.
Material: Al ≥ 99.5%, Cu ≥ 99.9%
Feature:
• Oil blocking structure
• Friction welded

Item	Dimensions (mm)					
	L	L1	d	D	Φ	B
DTL -1-10	62	30	6.3	10	8.5	13
DTL -1-16	64	30	6.5	10	8.5	14 .5
DTL -1-25	68	32	7.5	11	8.5	16
DTL -1-35	73	33	8.7	12	10 .5	18
DTL -1-50	81	40	9.7	14	10 .5	20
DTL -1-70	92	41	11 .5	16	12 .5	23
DTL -1-95	98	43	13 .5	18	12 .5	26
DTL -1-120	104	45	15	20	14 .5	28
DTL -1-150	112	48	16 .8	22	14 .5	30
DTL -1-185	118	50	18 .7	24	17	33
DTL -1-240	126	53	21	27	17	36
DTL -1-300	143	62	23	30	21	45
DTL -1-400	169	76	26	38	21	50
DTL -1-500	179	82	29	40	21	55
DTL -1-630	215	82	34 .2	50	21	60

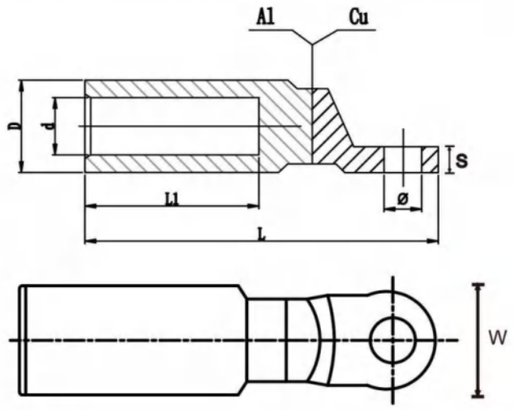
DTL Type 2 Holes Bimetallic Cable Lugs



Application:
Used for transition connection of aluminium cable or aluminium alloy cable with copper end of electrical equipment in low voltage.
Material: Al ≥ 99.5%, Cu ≥ 99.9%
Feature:
• Oil blocking structure
• Friction welded

Item	Dimensions (mm)							
	D	d	L1	L	A	L2	L3	Φ
DTL2-35	14	8.5	40	113	22	50	20	10.5
DTL2-50	16	9.8	42	117	22	51	20	10.5
DTL2-70	18	11.5	48	133	28	58	25	10.5
DTL2-95	20	13.5	52	142	28	59	25	10.5
DTL2-120	22	15	53	155	34	65	30	12.5
DTL2-150	24	16.5	56	157	34	65	30	12.5
DTL2-185	27	18.5	58	167	40	71	35	12.5
DTL2-240	30	21	60	171	40	71	35	12.5
DTL2-300	34	24	65	195	50	85	40	14.5
DTL2-400	38	27	70	205	50	85	40	14.5

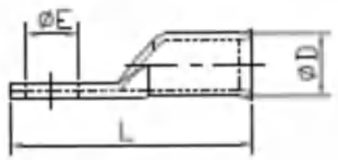
DTL–2 Type Bimetallic Lug

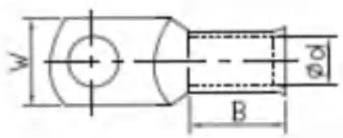


Application:
Used for transition connection of aluminium cable or aluminium alloy cable with copper end of electrical equipment in low voltage.
Material: Al ≥ 99.5%, Cu ≥ 99.9%
Feature:
- Oil blocking structure
- Friction welded
- Prefilled with jointing compound.

Type	Dimensions (mm)						
	P ± 0.3	D ± 0.5	d ± 0.3	L ± 3	L1 ± 0.3	W ± 0.5	S ± 0.3
DTL–2–16–11	ϕ11	ϕ16	ϕ6	80	40	ϕ20	3
DTL–2–25–11	ϕ11	ϕ16	ϕ7	80	40	ϕ20	3
DTL–2–35–11	ϕ11	ϕ16	ϕ8.5	80	40	ϕ20	3
DTL–2–50–13	ϕ13	ϕ20	ϕ10	90	43	ϕ25	4.5
DTL–2–70–13	ϕ13	ϕ20	ϕ11.5	90	43	ϕ25	4.5
DTL–2–95–13	ϕ13	ϕ20	ϕ13.5	90	43	ϕ25	4.5
DTL–2–120–13	ϕ13	ϕ25	ϕ15	115	59	ϕ30	5.5
DTL–2–150–13	ϕ13	ϕ25	ϕ16.5	115	59	ϕ30	5.5
DTL–2–185–13	ϕ13	ϕ32	ϕ18.5	122	60	ϕ35	6
DTL–2–240–13	ϕ13	ϕ32	ϕ21	122	60	ϕ35	6
DTL–2–300–13	ϕ13	ϕ34	ϕ23.5	128	65	ϕ35	6
DTL–2–400–17	ϕ17	ϕ40	ϕ26	160	90	ϕ36	6
DTL–2–500–17	ϕ17	ϕ40	ϕ30	160	95	ϕ36	6
DTL–2–630–17	ϕ17	ϕ47	ϕ33	188	100	ϕ45	10

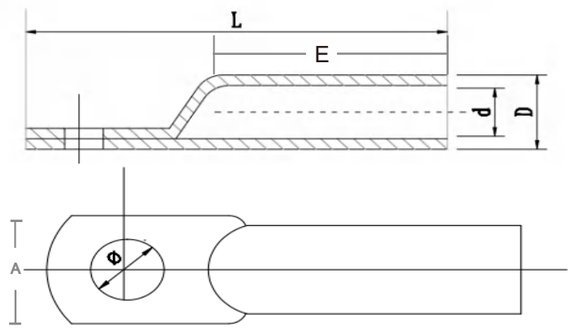
AWG Copper Tube Terminal





ITEM NO	DIMENSIONS					
	ϕE	ϕD	ϕd	W	B	L
8#10	5.1	7.1	4.8	11.8	13	33.3
8*1/4	6.8	7.1	4.8	11.8	13	33.3
8*5/16	8.3	7.1	4.8	11.8	13	33.3
8*3/8	10.4	7.1	4.8	14.5	13	33.3
8*1/2	13.1	7.1	4.8	17.0	13	33.3
6#10	5.1	8.1	5.9	11.8	15	37.3
6*1/4	6.8	8.1	5.9	13.7	15	37.3
6*5/16	8.3	8.1	5.9	13.7	15	37.3
6*3/8	10.4	8.1	5.9	13.7	15	37.3
6*1/2	13.1	8.1	5.9	17.0	14	37.3
4*1/4	6.8	9.5	7.3	13.8	15.5	38.9
4*5/16	8.3	9.5	7.3	13.8	15.5	38.9
4*3/8	10.4	9.5	7.3	14.5	15.5	38.9
4*1/2	13.1	9.5	7.3	17.0	15	38.9
2*1/4	6.8	11.1	8.5	16.5	16	41.1
2*5/16	8.3	11.1	8.5	16.5	16	41.1
2*3/8	10.4	11.1	8.5	16.5	16	41.1
2*1/2	13.1	11.1	8.5	17.0	15.3	41.1
1*1/4	6.8	11.7	9.1	16.4	16	43.6
1*5/16	8.3	11.7	9.1	16.4	16	43.6
1*3/8	10.4	11.7	9.1	17.1	16	43.6
1*1/2	13.1	11.7	9.1	19.1	16	43.6
1/0 1/4	6.8	13.0	10.4	18.4	19	46.8
1/0 5/16	8.3	13.0	10.4	18.4	19	46.8
1/0 3/8	10.4	13.0	10.4	18.4	19	46.8
1/0 1/2	13.1	13.0	10.4	21.0	19	46.8
2/0 1/4	6.8	14.2	11.7	21.0	22	52.4
2/0 5/16	8.3	14.2	11.7	21.0	22	52.4
2/0 3/8	10.4	14.2	11.7	21.0	22	52.4
2/0 1/2	13.1	14.2	11.7	21.0	21	52.4
3/0 5/16	8.3	15.7	13.0	22.5	22.5	55.9
3/0 3/8	10.4	15.7	13.0	22.5	22.5	55.9
3/0 1/2	13.1	15.7	13.0	22.5	22.5	55.9
4/0 5/16	8.3	17.2	14.2	24.0	24	60.5
4/0 3/8	10.4	17.2	14.2	24.0	24	60.5
4/0 1/2	13.1	17.2	14.2	24.0	24	60.5

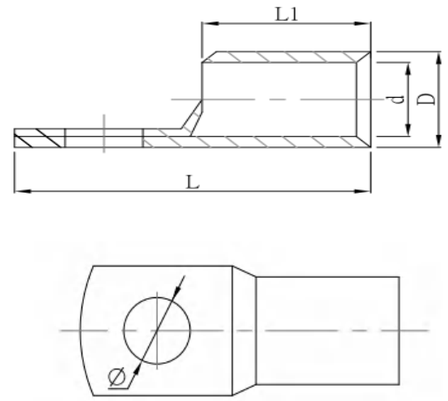
Long Barrel Copper Tube Lug



Application:
Used for connection of copper cable with copper end of electrical equipment In low voltage.
Material:Cu≥99. 9%
Surface:tin plated

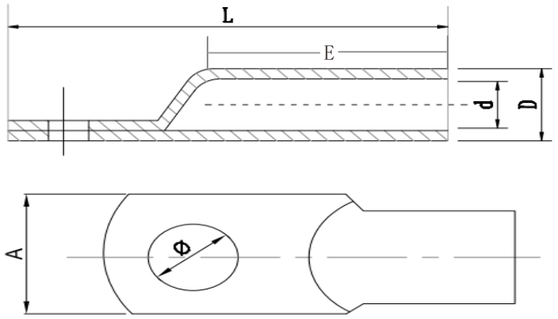
Type	D	d	Φ	L	E	A
DTG10	8	6	8.5	49	29	11.41
DTG16	8.5	6.3	8.5	50	30	12.4
DTG25	10	7.6	8.5	63	40	14.4
DTG35	11	8.4	8.5	65	39	15.7
DTG50	13	10.2	10.5	71.5	40	18.74
DTG70	15	12	10.5	79	40	18.84
DTG95	17	13.8	12.5	88	50	24.96
DTG120	19	15	12.5	95.5	55	27.85
DTG150	22	17.6	14.5	102	60	30.77
DTG185	24	19	16.5	115.5	65	33.83
DTG240	26	21	16.5	116.5	64.5	37
DTG300	30	24	16.5	130	73	42
DTG400	34	27	16.5	140.7	75	49.2

SC(JGK)Type Copper Tube Lug



Type	Φ	D	d	L1	L
SC(JGK)-1.5	Φ4 Φ5 Φ6	3.5	1.8	7	19
SC(JGK)-2.5	Φ4 Φ5 Φ6	4	2.5	7	19
SC(JGK)-4	Φ4 Φ5 Φ6	4.8	3.1	8	20
SC(JGK)-6	Φ5 Φ6 Φ8	5.5	3.8	9	24
SC(JGK)-10	Φ6 Φ8	6.7	5	9	25
SC(JGK)-16	Φ6 Φ8 Φ10	7.5	5.8	11	30
SC(JGK)-25	Φ6 Φ8 Φ10 Φ12	9	7	12.5	33
SC(JGK)-35	Φ6 Φ8 Φ10 Φ12	10.5	8.3	14.5	38
SC(JGK)-50	Φ8 Φ10 Φ12	12.5	9.9	17	45
SC(JGK)-70	Φ8 Φ10 Φ12	14.5	11.6	18	49
SC(JGK)-95	Φ8 Φ10 Φ12 Φ16	17.5	14.1	19	55
SC(JGK)-120	Φ12 Φ16	19.5	15.7	23	62
SC(JGK)-150	Φ12 Φ16	20.5	16.6	28	68
SC(JGK)-185	Φ12 Φ16	23.5	18.9	32	77
SC(JGK)-240	Φ12 Φ16	26	21.4	36	88
SC(JGK)-300	Φ12 Φ16	30	24.2	42	100
SC(JGK)-400	Φ12 Φ16	34	27.2	46	110
SC(JGK)-500	Φ16 Φ20	38	30.2	48	121
SC(JGK)-630	Φ16 Φ20	45	35.2	55	138

Short Barrel Copper Tube Lug



Application:
Used for connection of copper cable with copper end of electrical equipment In low voltage.
Material:Cu≥99. 9%
Surface:tin plated

Type	D	d	Φ	L	E	A
JG10-6	8	6	6.5	38.8	15.67	11.41
JG10-8			8.5			
JG16-6	8.5	6.3	6.5	40.8	17.1	12.4
JG16-8			8.5			
JG16-10			10.5			13.1
JG25-6	10	7.6	6.5	41.69	20.16	14.35
JG25-8			8.5			
JG25-10			10.5			
JG35-8	11	8.4	8.5	47	21.76	15.69
JG35-10			10.5			
JG35-12			12.5			

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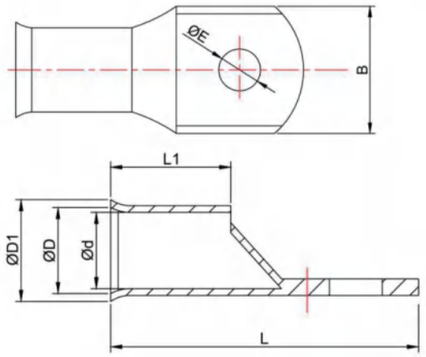
Short Barrel Copper Tube Lug

Type	D	d	Φ	L	E	A
JG50-8	13	10.2	8.5	53.5	23.91	18.74
JG50-10			10.5			
JG50-12			12.5			
JG70-8	15	12	8.5	60.7	25.75	21.76
JG70-10			10.5			
JG70-12			12.5			
JG95-8	17	13.8	8.5	61.2	25.2	24.96
JG95-10			10.5			
JG95-12			12.5			
JG120-10	19	15	10.5	70.76	30.29	27.83
JG120-12			12.5			
JG120-14			14.5			
JG150-12	22	17.6	12.5	75.5	34.5	30.72
JG150-14			14.5			
JG150-16			16.5			
JG185-14	24	19	14.5	83.14	34.81	33.74
JG185-16			16.5			
JG240-14	26	21	14.5	90.4	40.57	36.99
JG240-16			16.5			
JG300-16	30	23.8	16.5	98.53	44.71	42.01

Australia Standard Copper Tube Lug

Application:
Used for connection of copper cable with copper end of electrical equipment in medium voltage.
Material: Cu ≥ 99.9%
Surface: tin plated
Standard: AS/NZS 4325.1:1995,JEC 61238-12003



PART NO.	Conductor	ϕd		ϕD		ϕD1		L1		L		B		ϕE		Halfmoon window A	Approx. Weight
	mm2	mm		mm		mm		mm		mm		mm		mm		mm	g
6H6	6	3.8	±0.2	5.5	±0.2	6.6	±0.4	9.0	±1	27.0	±1	1.0	±0.6	6.5	±0.2	1.5	2
8H6										27.0		12.0		8.5			
6H10	10	4.7	±0.2	7.1	±0.2	8.5	±0.4	10.0	±1	27.0	±1	12.0	±0.8	6.5	±0.2	1.5	5
8H10										29.0		14.0		8.5			
10H10										32.0		16.0		10.5			
12H10										37.0		18.0		13.0			
6H16	16	5.5	±0.2	7.9	±0.2	9.5	±0.4	19.0	±1	37.0	±1	11.0	±0.8	6.5	±0.2	2.0	8
8H16										39.0		14.0		8.5			
10H16										41.0		16.0		10.5			
12H16										46.0		18.0		13.0			
6H25	25	7.1	±0.2	9.5	±0.2	11.4	±0.4	21.0	±1	41.0	±1	14.0	±0.8	6.5	±0.2	2.0	11
8H25										41.0		14.0		8.5			
10H25										44.0		16.0		10.5			
12H25										48.0		18.0		13.0			

PART NO.	Conductor	ϕd		ϕD		ϕD1		L1		L		B		ϕE		Halfmoon window A	Approx. Weight
	mm2	mm		mm		mm		mm		mm		mm		mm		mm	g
6H35	35	8.2	±0.2	11.2	±0.2	13.4	±0.4	21.0	±1	44.0	±1	16.0	±0.8	6.5	±0.2	2.0	16
8H35										44.0		16.0		8.5			
10H35										46.0		18.0		10.5			
12H35										50.0		20.0		13.0			
6H50	50	9.5	±0.3	12.8	±0.3	15.4	±0.5	22.0	±1	48.0	±1	18.0	±0.6	6.5	±0.2	3.0	23
8H50										48.0		18.0		8.5			
10H50										48.0		18.0		10.5			
12H50										52.0		21.0		13.0			
6H70	70*	11.2	±0.3	14.7	±0.3	17.6	±0.5	24.0	±1	54.0	±1	21.0	±0.8	6.5	±0.2	3.0	26
8H70														8.5			
10H70														10.5			
12H70														13.0			
8H95	95	13.4	±0.3	17.4	±0.3	20.8	±0.5	27.0	±1	60.0	±1	25.0	±0.8	8.5	±0.2	4.0	44
10H95														10.5			
12H95														13.0			
8H120	120	15.6	±0.4	20.6	±0.4	24.7	±0.5	30.0	±1	64.0	±1	29.0	±0.8	8.5	±0.2	6.0	78
10H120														10.5			
12H120														13.0			
10H150	150	16.7	±0.4	22.5	±0.4	27.0	±0.5	30.0	±1	71.0	±1	32.0	±0.8	10.5	±0.2	6.0	112
12H150										80.0				13.0			
16H150										80.0				17.0			
10H185	185	18.4	±0.4	24.2	±0.4	29.0	±0.5	32.0	±1	74.0	±1	35.0	±0.8	10.5	±0.2	6.0	115
12H185										83.0				13.0			
16H185										83.0				17.0			
10H240	240	21.2	±0.5	28.2	±0.5	33.8	±0.5	38.0	±1	92.0	±1	40.0	±0.8	10.5	±0.2	7.0	230
12H240														13.0			
16H240														17.0			
10H300	300	23.5	±0.5	31.3	±0.5	37.5	±0.6	42.0	±1	101.0	±1	45.0	±0.8	10.5	±0.2	7.0	292
12H300														13.0			
16H300														17.0			
10H400	400*	26.8	±0.5	35.2	±0.5	42.2	±0.6	44.0	±1	114.0	±1	50.5	±0.8	10.5	±0.2	7.0	382
12H400														13.0			
16H400														17.0			
10H500	500*	30.0	±0.6	39.3	±0.6	46.8	±0.6	48.0	±1	124.0	±1	56.5	±0.8	10.5	±0.2	9.0	525
12H500														13.0			
16H500														17.0			
12H630	630	34.0	±0.6	45.0	±0.6	54.0	±0.6	56.0	±1	134.0	±1	65.0	±0.8	13.0	±0.2	9.0	770
16H630														17.0			

DIN46235 Copper Tube Lug

Application:

Used for connection of copper cable with copper end of electrical equipment in medium voltage.

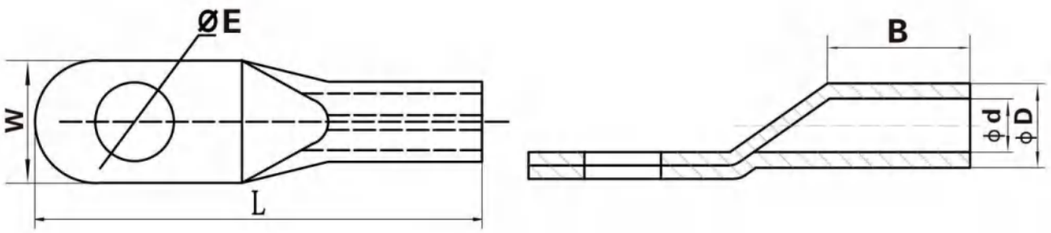
Material: Cu ≥ 99.9%

Surface: tin plated

Feature:

• Clear markings on barrel to indicate correct crimping location, together with DIN standard crimping die.

Standard: DIN 46235



ITEM NO	DIMENSIONS						ITEM NO	DIMENSIONS					
	ϕE	ϕD	ϕd	W	B	L		ϕE	ϕD	ϕd	W	B	L
DIN6–5	5.3	5.5	3.8	8.5	10	30.5	DIN120–10	10.5	21.0	15.5	30	35	85
DIN6–6	6.4	5.5	3.8	8.5	10	31.5	DIN120–12	13.0	21.0	15.5	30	35	86
DIN6–8	8.4	5.5	3.8	13	10	34	DIN120–14	15.0	21.0	15.5	30	35	88
DIN10–5	5.3	6	4.5	9	10	34	DIN120–16	17.0	21.0	15.5	30	35	89
DIN10–6	6.4	6	4.5	9	10	34.5	DIN120–20	21.0	21.0	15.5	38	35	91
DIN10–8	8.4	6	4.5	13	10	37	DIN150–10	10.5	23.5	17.0	34	35	93
DIN10–10	10.5	6	4.5	15	10	39	DIN150–12	13.0	23.5	17.0	34	35	94
DIN16–6	6.4	8.5	5.5	13	20	43.5	DIN150–14	15.0	23.5	17.0	34	35	97
DIN16–8	8.4	8.5	5.5	13	20	46	DIN150–16	17.0	23.5	17.0	34	35	97
DIN16–10	10.5	8.5	5.5	17	20	48	DIN150–20	21.0	23.5	17.0	40	35	99
DIN16–12	13.0	8.5	5.5	18	20	49	DIN185–10	10.5	25.5	19.0	37	40	97
DIN25–6	6.4	10.0	7.0	14	20	45.5	DIN185–12	13.0	25.5	19.0	37	40	98
DIN25–8	8.4	10.0	7.0	16	20	48	DIN185–14	15.0	25.5	19.0	37	40	101
DIN25–10	10.5	10.0	7.0	17	20	50	DIN185–16	17.0	25.5	19.0	37	40	101
DIN25–12	13.0	10.0	7.0	19	20	51	DIN185–20	21.0	25.5	19.0	40	40	103
DIN35–6	6.4	12.5	8.2	17	20	49.5	DIN240–12	13.0	29.0	21.5	42	40	108
DIN35–8	8.4	12.5	8.2	17	20	52	DIN240–14	15.0	29.0	21.5	42	40	111
DIN35–10	10.5	12.5	8.2	19	20	54	DIN240–16	17.0	29.0	21.5	42	40	111
DIN35–12	13.0	12.5	8.2	21	20	55	DIN240–20	21.0	29.0	21.5	45	40	113
DIN35–14	15.0	12.5	8.2	21	20	56.5	DIN300–12	13.0	32.0	24.5	46	50	119
DIN50–8	8.4	14.5	10.0	20	28	62	DIN300–14	15.0	32.0	24.5	46	50	119
DIN50–10	10.5	14.5	10.0	22	28	64	DIN300–16	17.0	32.0	24.5	46	50	119
DIN50–12	13.0	14.5	10.0	24	28	65	DIN300–20	21.0	32.0	24.5	46	50	122
DIN50–14	15.0	14.5	10.0	24	28	66.5	DIN400–14	15.0	38.5	27.5	55	70	140
DIN50–16	17.0	14.5	10.0	28	28	68	DIN400–16	17.0	38.5	27.5	55	70	140
DIN70–8	8.4	16.5	11.5	24	28	65	DIN400–20	21.0	38.5	27.5	55	70	140
DIN70–10	10.5	16.5	11.5	24	28	67	DIN500–16	17.0	42.0	31.0	60	70	150
DIN70–12	13.0	16.5	11.5	24	28	68	DIN500–20	21.0	42.0	31.0	60	70	150
DIN70–14	15.0	16.5	11.5	24	28	69.5	DIN625–16	17.0	44.0	34.5	64	80	160
DIN70–16	17.0	16.5	11.5	30	28	71	DIN625–20	21.0	44.0	34.5	64	80	160
DIN95–8	8.4	19.0	13.5	28	35	77	DIN800–16	17.0	52.0	40.0	75	100	195
DIN95–10	10.5	19.0	13.5	28	35	77	DIN800–20	21.0	52.0	40.0	75	100	195
DIN95–12	13.0	19.0	13.5	28	35	78	DIN1000-16	17.0	58.0	44.0	85	100	195
DIN95–14	15.0	19.0	13.5	28	35	79.5	DIN1000-20	21.0	58.0	44.0	85	100	195
DIN95–16	17.0	19.0	13.5	32	35	81							

DIN 45239 Aluminum Lug

Application:
Used for transition connection of aluminium cable or aluminium alloy cable with aluminium end of electrical equipment in medium voltage.

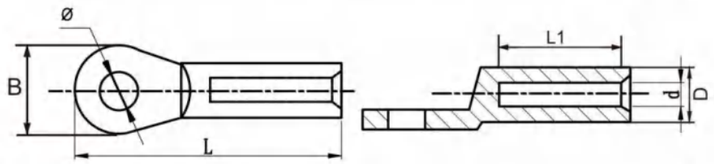
Material: Al ≥ 99.5%

Surface：tin plated

Feature:

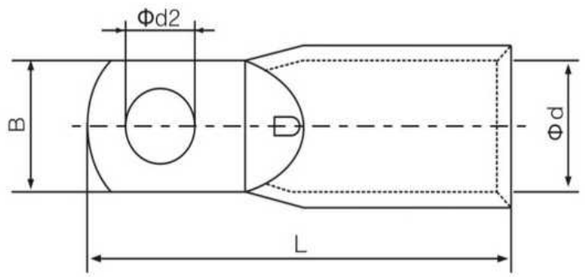
- Oil blocking structure
- Clear markings on barrel to indicate correct crimping location, together with DIN standard crimping die.
- Prefilled with jointing compound.

Standard: DIN 46329



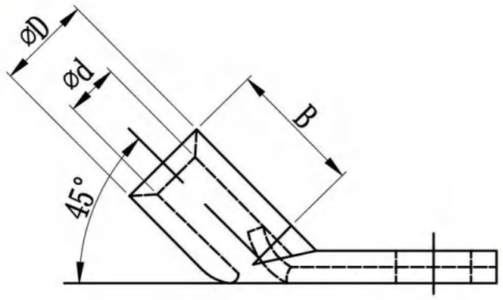
Type	Conductor Size (mm²)	Dimensions (mm)					Stud Size
		L	d	D	B	L1	
AU25–8	25	50	6.8	12	25	30	M8
AU25–10		50	6.8	12	25	30	M10
AU35–8	35	62	8	14	25	42	M8
AU35–10		62	8	14	25	42	M10
AU50–10	50	62	9.8	16	25	42	M10
AU50–12		62	9.8	16	25	42	M12
AU70–10	70	72	11.2	18.5	25	52	M10
AU70–12		72	11.2	18.5	25	52	M12
AU95–8	95	77	13.2	22	25	56	M8
AU95–10		77	13.2	22	25	56	M10
AU95–12		77	13.2	22	25	56	M12
AU120–10	120	82	14.7	23	30	56	M10
AU120–12		82	14.7	23	30	56	M12
AU120–16		82	14.7	23	30	56	M16
AU150–10	150	90	16.3	25	30	60	M10
AU150–12		90	16.3	25	30	60	M12
AU150–16		90	16.3	25	30	60	M16
AU185–12	185	91	18.3	28.5	30	60	M12
AU185–16		91	18.3	28.5	30	60	M16
AU240–12	240	103	21	32	38	70	M12
AU240–16		103	21	32	38	70	M16
AU300–12	300	103	23.3	34	38	70	M12
AU300–16		103	23.3	34	38	70	M16
AU400–12	400	116	26	38.5	38	73	M12
AU400–16		116	26	38.5	38	73	M16
AU500–12	500	122	29	44	44	79	M12
AU500–16		122	29	44	44	79	M16

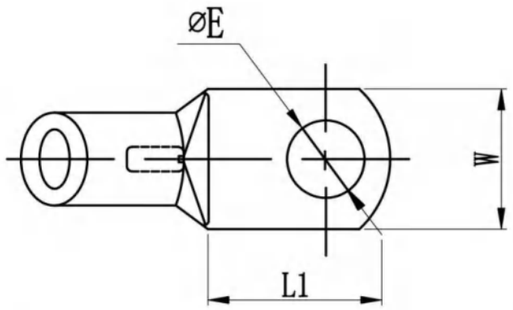
Narrow Palm - Circuit Breaker Lug



ITEM NO	Dimension(mm)			
	Φ d2	B	L	Φ d
TM10-5	5.3	9	27	4.3
TM16-6	5.3	9	31	5.6
TM25-5	5.3	9	35	7
TM35-6	6.4	11.5	40.5	8.4
TM50-8	8.4	12.8	45.5	9.5
TM70-8	8.4	12.8	49	11.2
TM95-8	8.4	15.5	54	13.5
TM120-8	8.4	19	68	15.6
TM120-10	10.5	19	68	15.6
TM150-8	8.4	19	75	16.7
TM185-10	10.5	24.5	79	19

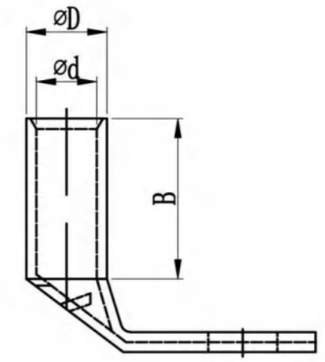
T45 Angled Copper Tube Terminals

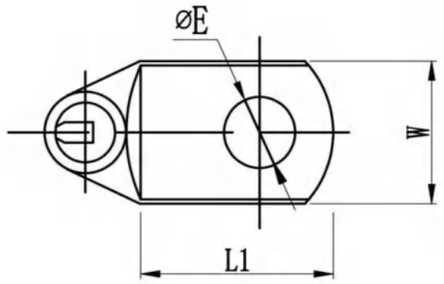




ITEM NO	DIMENSIONS					
	ΦE	ΦD	Φd	W	B	L1
T45-10/6	6.4	6.9	4.7	11.9	10	12.5
T45-10/8	8.3	6.9	4.7	13.5	10	15.5
T45-16/6	6.4	7.8	5.6	11.9	11	12
T45-16/8	8.3	7.8	5.6	13.5	11	15.5
T45-25/8	8.3	9.5	7.1	14.0	13	16
T45-25/10	10.5	9.5	7.1	16.0	13	19
T45-35/8	8.3	11.0	8.2	16.5	16	18
T45-35/10	10.5	11.0	8.2	16.5	16	22
T45-50/10	10.5	12.5	9.5	17.9	19	22
T45-50/12	13.0	12.5	9.5	17.9	19	22
T45-70/10	10.5	15.0	11.5	21.5	21	22
T45-70/12	13.0	15.0	11.5	21.5	21	22
T45-95/14	14.5	17.0	13.5	24.7	24	33
T45-95/16	16.5	17.0	13.5	24.7	24	33
T45-120/14	14.5	20.0	15.6	28.9	27	33
T45-120/16	16.5	20.0	15.6	28.9	27	33
T45-150/14	14.5	21.0	16.5	30.4	32	33
T45-150/16	16.5	21.0	16.5	30.4	32	33
T45-185/16	16.5	23.6	18.4	34.0	34	35
T45-240/ 16	16.5	26.4	21.2	38.5	38	35

T90 Angled Copper Tube Terminals

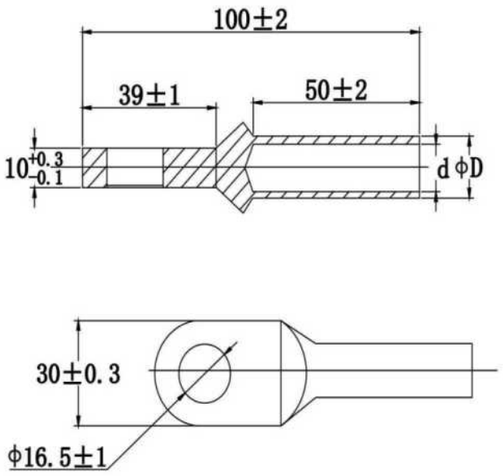




ITEM NO	DIMENSIONS					
	ΦE	ΦD	Φd	W	B	L1
T90-10/6	6.4	6.9	4.7	11.9	10.5	12.5
T90-10/8	8.3	6.9	4.7	13.5	10.5	12.5
T90-16/6	6.4	7.8	5.6	11.9	11	12
T90-16/8	8.6	7.8	5.6	13.5	11	15.5
T90-25/8	8.3	9.5	7.1	14.0	13	16
T90-25/10	10.5	9.5	7.1	16.0	13	19
T90-35/8	8.3	11.0	8.2	16.5	16	18
T90-35/10	10.5	11.0	8.2	16.5	16	22
T90-50/10	10.5	12.5	9.5	17.9	19	22
T90-50/12	13.0	12.5	9.5	17.9	19	22
T90-70/10	10.5	15.0	11.5	21.5	21	22
T90-70/12	13.0	15.0	11.5	21.5	21	22
T90-95/14	14.5	17.0	13.5	24.7	24	33
T90-95/16	16.5	17.0	13.5	24.7	24	33
T90-120/14	14.5	21.0	15.6	28.9	27	33
T90-120/16	16.5	20.0	15.6	28.9	27	33
T90-150/14	14.5	21.0	16.5	30.4	32	33
T90-150/16	16.5	21.0	16.5	30.4	32	33
T90-185/16	16.5	23.6	18.4	34.0	34	35
T90-240/16	16.5	26.4	21.2	38.5	38	35

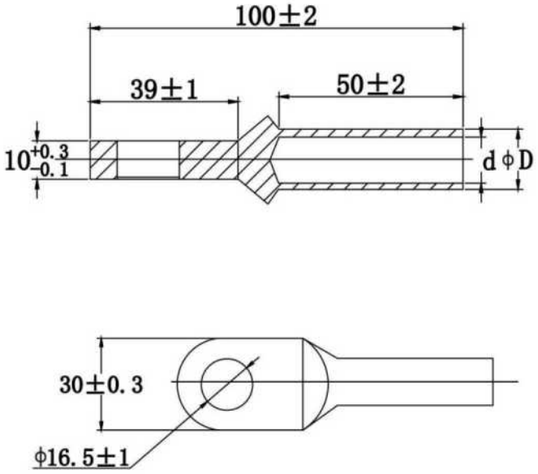
European Copper Terminal Lugs

Type	D (mm)	d (mm)
QTD-25	11	7
QTD-35	13	9
QTD-50	14	10
QTD-70	16	12
QTD-95	18	13
QTD-120	20	15
QTD-150	22	16
QTD-185	25	18
QTD-240	27	20
QTD-300	30	23
QTD-400	34	26

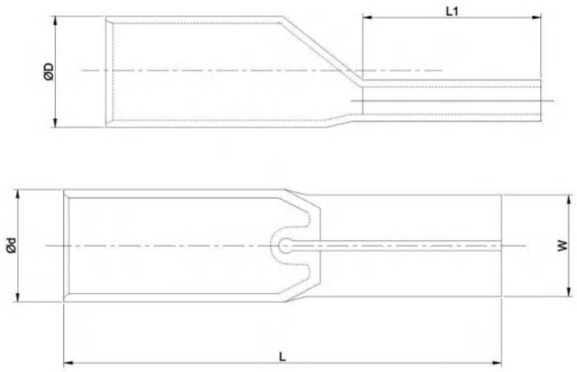


European Bimetallic Terminal Lugs

Type	D (mm)	d (mm)
QTLD-25	12	7
QTLD-35	14	9
QTLD-50	16	10
QTLD-70	18	12
QTLD-95	21	13
QTLD-120	23	15
QTLD-150	25	16
QTLD-185	28	18
QTLD-240	31	20
QTLD-300	34	23
QTLD-400	38	26

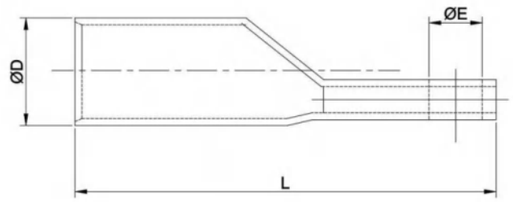


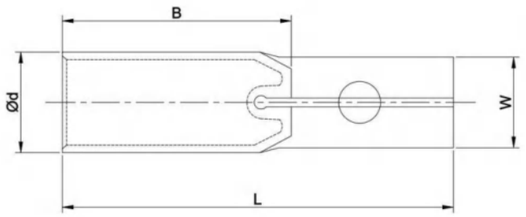
CP Type Flat Copper Tube Terminals



ITEN NO	DIMENSIONS				
	ϕD	ϕd	W	L	L1
CP–10	6.8	4.7	5	25	12
CP–16	7.8	5.6	6	31	15
CP–25	9.4	7.1	7	34	18
CP–35	11.3	8.7	9	42	18
CP–50	12.6	9.8	10	46	21

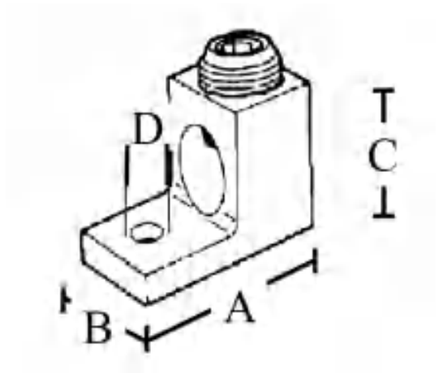
TPE Type Copper Tube Terminals





ITEM NO	DIMENSIONS					
	ϕE	ϕD	ϕd	W	B	L
TPE–50/8	8.5	12.6	9.8	15	32	50
TPE–50/10	10.5	12.6	9.8	15	32	50
TPE–70/8	8.5	14.7	11.5	15	35	55
TPE–70/10	10.5	14.7	11.5	15	35	55
TPE–95/8	8.5	16.9	13.5	15	39	60
TPE–95/10	10.5	16.9	13.5	15	39	60
TPE–120/8	8.5	19.9	15.6	21	44	65
TPE–120/10	10.5	19.9	15.6	21	44	65
TPE–150/10	10.5	20.9	16.5	21	47	72
TPE–150/12	12.5	20.9	16.5	21	47	72
TPE–185/10	10.5	23.7	18.8	26	50	75
TPE–185/12	12.5	23.7	18.8	26	50	75
TPE–240/10	10.5	26.2	21.2	26	60	85
TPE–240/12	12.5	26.2	21.2	26	60	85

Mechanical Lug ONE-HOLE



Features:
90°C temperature rating
Single hole assembly
Up to 600 lbs.torque
High strength aluminum alloy provides low contact resistance

Applications:
For use with copper conductor
Terminates an electrical conductor to facilitate mechanical connection

Standard Material:
Aluminum
Steel screw

Wire Range	Bolt Size	Inches			
Min. - Max.		A	B	C	D
#14 - #16	1/4"	1.0625	0.5	0.5	0.25
#14 - #2	1/4"	1.1563	0.5	0.5625	0.25
#14 - 1/0	1/4"	1.4088	0.625	0.8125	0.25
#14 - 2/0	1/4"	1.4688	0.625	0.8125	0.25
#6 - 4/0	5/16"	2	1	1.0625	0.3125
#6 - 300MCM	5/16"	2	1	1.0625	0.3125
#6 -350MCM	5/16"	2.25	1.125	1.25	0.3125
#4 -350MCM	5/16"	2.75	1.125	1.5	0.375
#9 -600MCM	3/8"	2.75	1.375	1.5	0.375
350MCM - 800MCM	3/8"	3.5	1.5	1.75	0.5

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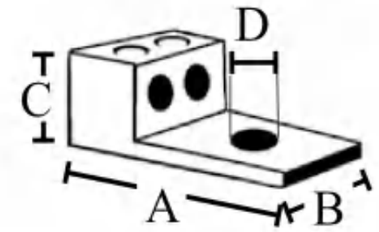
Mechanical Lug TWO-HOLE



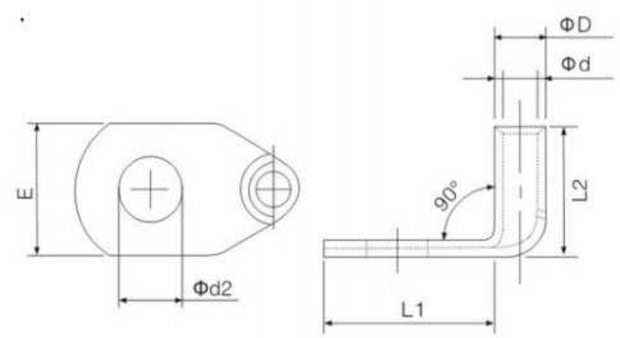
Features:
Two conductor design
Fast and easy installation
90°C temperature rating

Applications:
For use with copper or aluminum conductor Terminates an electrical conductor to facilitate mechanical connection

Standard Material:
Aluminum
Steel screw

Wire Range	Inches			
Min. - Max.	A	B	C	D
#14 - 1/0	1.5	1.1875	0.8125	0.25
#14 - 2/0	1.5	1.1875	0.8125	0.25
#6 - 250MCM	2.5625	1.625	1.1875	0.375
#6 - 350MCM	2.875	2.9375	1.25	0.5
#2 - 600MCM	3.125	2.375	1.5625	0.5
300MCM - 800MCM	3.5	2.8125	1.6875	0.625

GPH 90 Angled Copper Tube Lug



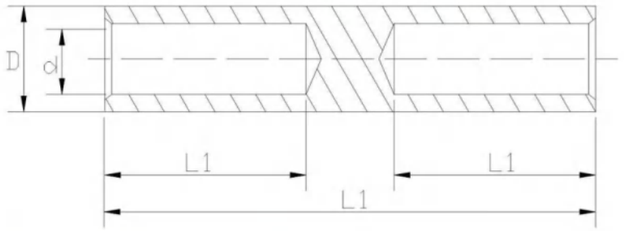
型号 ITEM NO	尺寸Dimension(mm)					
	Φd2	L1	L2	ΦD	Φd	E
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-6/5	5.3	22.5	14	6.5	3.5	10
GPH90-16/12	13	32	20	8.5	5.5	19
GPH90-25/6	6.4	27.5	21	10	6.9	15
GPH90-25/8	8.4	32.5	21	10	6.9	16
GPH90-25/10	10.5	32.5	21	10	6.9	18
GPH90-25/12	13	34	21	10	6.9	19
GPH90-35/6	6.4	28.5	24	12	8.5	17
GPH90-35/8	8.5	34	24	12	8.5	17
GPH90-35/10	10.5	34	24	12	8.5	20
GPH90-35/12	13	40.5	24	12	8.5	22
GPH90-50/6	6.4	37	28.5	14	10	20
GPH90-50/8	8.4	40.5	28.5	14	10	20
GPH90-50/10	10.5	40.5	28.5	14	10	20
GPH90-50/12	13	42.5	28.5	14	10	23
GPH90-50/16	17	50.5	28.5	14	10	28

GPH 90 Angled Copper Tube Lug

型号 ITEM NO	尺寸Dimension(mm)					
	Φd2	L1	L2	ΦD	Φd	E
GPH90-70/8	8.5	43	31	16.5	12	24
GPH90-70/10	10.5	43	31	16.5	12	24
GPH90-70/12	13	44.5	31	16.5	12	24
GPH90-70/16	17	53	31	16.5	12	28
GPH90-70/20	21	59	31	16.5	12	30
GPH90-95/8	8.5	44.5	35	18	13.5	26
GPH90-95/10	10.5	44.5	35	18	13.5	26
GPH90-95/12	13	46.5	35	18	13.5	26
GPH90-95/16	17	52	35	18	13.5	28
GPH90-95/20	21	59	35	18	13.5	30.5
GPH90-120/10	10.5	49	35.5	19.5	15	29
GPH90-120/12	13	49	35.5	19.5	15	29
GPH90-120/16	17	55	35.5	19.5	15	29
GPH90-120/20	21	61	35.5	19.5	15	30.5
GPH90-150/10	10.5	48	40	21	16.5	31
GPH90-150/12	13	51	40	21	16.5	31
GPH90-150/16	17	56	40	21	16.5	31
GPH90-150/20	21	61.5	40	21	16.5	34
GPH90-185/12	13	58.5	46	24	19	35
GPH90-185/16	17	58.5	46	24	19	35
GPH90-185/20	21	65	46	24	19	35
GPH90-240/12	13	54	50	26	21	40
GPH90-240/16	17	60	50	26	21	40
GPH90-240/20	21	67.8	50	26	21	40
GPH90-300/12	13	74.5	59	29.5	23.5	43
GPH90-300/16	17	64	59	29.5	23.5	43
GPH90-300/20	21	70.5	59	29.5	23.5	43
GPH90-400/12	13	79	62	34	27	49
GPH90-400/16	17	68.5	62	34	27	49
GPH90-400/20	21	75	62	34	27	49

GT Type Copper Butt Connector with partion

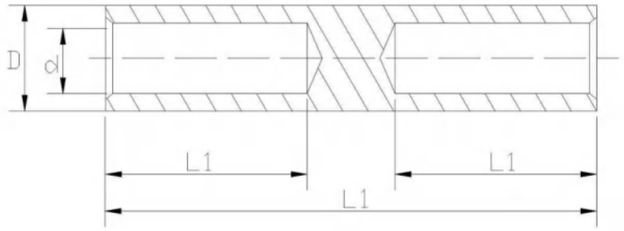
Application:
Used for intermediate connection of copper cables in medium voltage.
Material: Cu ≥ 99.9%



Catalog No.	Dimensions（mm）			
	D	d	L1	L
GT–16	10	6	30	65
GT–25	11	7	32	70
GT–35	12	8.5	34	75
GT–50	14	9.7	35	80
GT–70	16	11.5	41	90
GT–95	18	13.5	43	95
GT–120	20	15	46	100
GT–150	22	16.5	48	105
GT–185	24	18.5	50	110
GT–240	27	21	55	120
GT–300	30	23	60	130
GT–400	34	26.5	64	140
GT–500	38	29	70	155

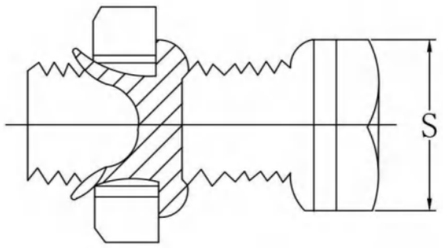
GL Type Aluminum Butt Connectors with partion

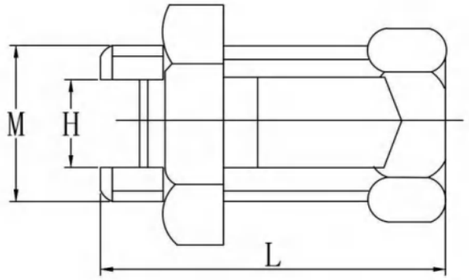
Application:
Used for intermediate connection of aluminium cable, aluminium alloy cable in medium voltage.
Material: Al ≥ 99.5%



Catalog	Dimensions（mm）			
	D	d	L1	L
GL–16	10	6.2	30	70
GL–25	12	7	32	75
GL–35	14	8.5	37	85
GL–50	16	9.7	42	95
GL–70	18	11.5	47	105
GL–95	21	13.5	50	110
GL–120	23	15	52	115
GL–150	25	16.5	55	120
GL–185	27	18.5	57	125
GL–240	30	21	60	130
GL–300	34	23	64	140
GL–400	38	26.5	69	150

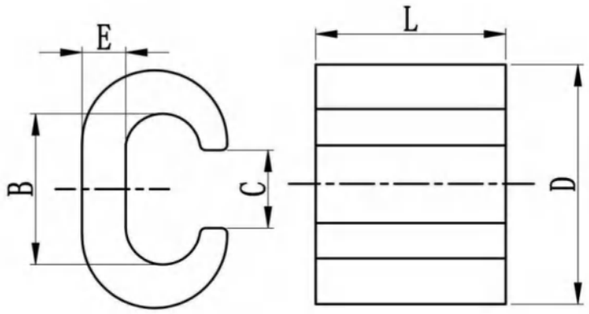
COPPER ALLOY SPLIT BOLT CONNECTORS





Model Type	L(mm)	W(mm)	H(mm)	S(mm)
T/J–16	20	M17*2.5	6	18
T/J–25	27	M29*2.5	7	20
T/J–35	35	M21*2.5	7	22
T/J–50–70	42	M23*2.5	11	24
T/J–90–120	45	M25*2.5	14	26
T/J–150–185	60	M29*2.5	17	30
T/J–200–240	62.72	M31*2.5	20	32

C Shape Copper Wire Clamps



Application:
Used for intermediate connection of copper cables in low voltage.
Material: Cu ≥ 99.9%
Surface: tin plated
Feature:
• Chamfered mouth to protect conductor from damage.

Type	Suitable section of conductor	Dimensions(mm)					
		H1	H2	W	L	T	C
CCT–10	7.5~11	9.5	6.3	6.2	12	1.6	4
CCT–16	11.5~16	11.8	7.8	7.3	13	2	5
CCT–20	14~20	12.8	8.6	9.7	13	2.9	5.4
CCT–26	21~26	14.7	10.2	10.8	16	3.2	6.5
CCT–44	27~44	19	12.4	14.4	20	4	8.5
CCT–60	45~60	21	15.4	15.1	22	4	9.7
CCT–76	61~76	24.4	17.3	17.6	22	5	10.8
CCT–98	77~98	27.8	20.8	18.1	25	5	12.8
CCT–122	99~122	29.8	22.1	21.2	26	5.5	13.5
CCT–154	123~154	34	25.7	24.2	28	6	17
CCT–190	155~190	37	28.5	25.4	35	6	17.4
CCT–240	191~240	40	30.2	28.5	40	7	19
CCT–288	241~288	44.5	34.7	31.1	45	7	22.3
CCT–365	289~365	47.5	37.7	34	50	7	24.8
CCT–450	366~450	57	42.5	41	60	10	28
CCT–560	451~560	62	46	45	65	11	31
CCT–700	561~700	68	52	49.5	70	12	34

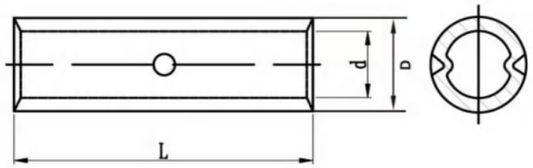
GTY Type Copper Butt Connectors

Application :

Used for intermediate connection of copper cables in low voltage.

Material :Cu ≥ 99.9%

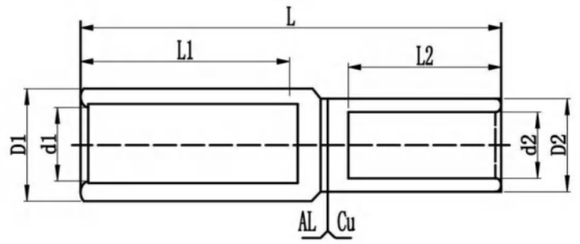
Surface: tin plated



Type	D	d	L
GTY–1.5	3.5	2.1	20
GTY–2.5	4	2.5	20
GTY–4	4.8	3.4	20
GTY–6	5.5	4.1	25
GTY–10	6.5	5.1	30
GTY–16	8	6.4	35
GTY–25	9	7	40
GTY–35	10.5	8.5	45
GTY–50	12	9.8	50
GTY–70	14.5	11.9	55
GTY–95	16	13	55
GTY–120	19	15.4	60
GTY–150	20.5	16.7	65
GTY–185	23.5	19.3	70
GTY–240	26	21.2	75
GTY–300	30	24	80
GTY–400	34	27.6	85
GTY–500	38	31.6	90
GTY–630	45	37.6	95

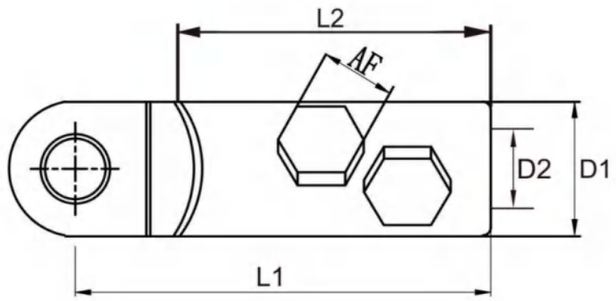
GTL Type Bimetallic Connector

Application:
Used for intermediate transition connection of aluminium cable or aluminium alloy cable with copper cable in medium voltage.
Material: Al ≥ 99.5%, Cu ≥ 99.9%
Feature:
- Oil blocking structure
- Friction welded
- Clear markings on barrel to indicate correct crimping location.
- Prefilled with jointing compound.



Type	D2	d2	D1	d1	L
GTL–16	9	5.8	10	6.8	65
GTL–25	10	6.8	12	7.8	66
GTL–35	11	6.8	14	8.5	72
GTL–50	13	8.5	16	9.8	80
GTL–70	15	9.5	18	11.5	90
GTL–95	17	11.5	21	13.8	95
GTL–120	19	13.5	23	15.5	100
GTL–150	21	15	25	16.8	107
GTL–185	23	16.5	27	18.8	11
GTL–240	26	19	30	21	117
GTL–300	28	21	34	23	135
GTL–400	30	23	38	27	145
GTL–500	34	27	43	29	155
GTL–630	38	29	48	35	170

BLMT Mechanical Shearbolt Lug



Application:

Used for connection of copper cable, aluminium cable or aluminium alloy cable with aluminium end of electrical equipment in medium voltage.

Material:

Body: high strength aluminum alloy

Bolts: brass or aluminum alloy

Surface: tin plated

Feature:

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

Standard: IEC 61238-1:2003

Dimensions								
Product reference	Cross-sectional range (mm2)	Palm hole diameter (mm) LB	Dimensions (mm)				Contact bolts	
			L1	L2	D1	D2	Quantity	Head size AF
BLMT-25/95-13	25-95	13	60	30	24	12.8	1	13
BLMT-25/95-17	25-95	17	60	30	24	12.8	1	13
BLMT-35/150-13	35-150	13	86	35	28	15.8	1	17
BLMT-35/150-17	35-150	17	86	35	28	15.8	1	17
BLMT-95/240-13	95-240	13	112	60	33	20	2	19
BLMT-95/240-17	95-240	17	112	60	33	20	2	19
BLMT-120/300-13	120-300	13	115	65	37	24	2	22
BLMT-120/300-17	120-300	17	115	65	37	24	2	22
BLMT-185/400-13	185-400	13	137	80	42	25.5	3	22
BLMT-185/400-17	185-400	17	137	80	42	25.5	3	22
BLMT-185/400-21	185-400	21	137	80	42	25.5	3	22
BLMT-500/630-13	500-630	13	150	95	50	33	3	27
BLMT-500/630-17	500-630	17	150	95	50	33	3	27
BLMT-500/630-21	500-630	21	150	95	50	33	3	27
BLMT-800-50*56-D21	800	21	202	120	56	36	4	27
BLMT-800-80*40-2D14*40	800	2*14	237	120	56	36	4	27

BSM Mechanical Shearbolt Connector

Application:

Used for intermediate connection of copper cable, aluminium cable and aluminium alloy cable in low voltage.

Material:

Body: high strength aluminium alloy

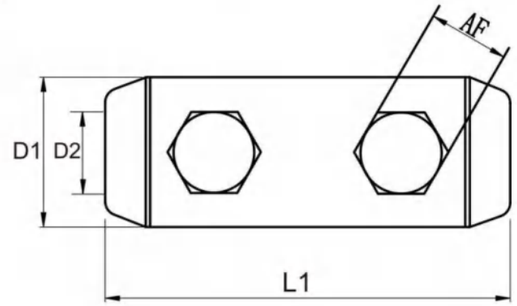
Bolts:aluminium alloy

Surface: tin plated

Feature:

- Centre with block.
- No needs 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.

Standard: IEC 61238-1:2003



Dimensions								
Product	Cross-sectional range	Blocked	Dimensions (mm)				Contact bolts	
reference	mm²		L1	L2	D1	D2	Quantity	Head size AF
BSMB-10/35	10-35	yes	45	20	19	8.5	2	10
BSM-25/95	25-95	yes	65	30	24	12.8	2	13
BSM-25/95-U	25-95	no	65		24	12.8	2	13
BSMB-35/150	35-150	yes	80	35	28	15.8	2	17
BSMU-35/150	35-150	no	80		28	15.8	2	17
BSM-95/240	95-240	yes	125	60	33	20	4	19
BSM-95/240-U	95-240	no	125		33	20	4	19
BSMB-95/240-34	95-240	yes	125	60	34	22	4	19
BSMB-120/300	120-300	yes	140	65	37	24	4	22
BSMU-120/300	120-300	no	140		37	24	4	22
BSM-185/400	185-400	yes	170	80	42	25.5	6	22
BSM-185/400-U	185-400	no	170		42	25.5	6	22
BSMB-500mk2	500	yes	160	70	46	30	6	13
BSMB-630mk2	630	yes	160	70	50	33	6	13
BSMB-800mk2	800	yes	180	85	56	36	8	13
BSMB-1000	1000	yes	180	85	60	40	8	13

APG Type Parallel Groove Clamp

Application:

Used for connection of aluminium conductors in medium voltage.

Material:

Body : aluminium alloy

Bolt: hot-dip galvanized steel or stainless steel

Feature:

• Advanced forging technology enhances mechanical strength ofclamp.

• Special designed screw hole and arc shape of the body allow clamp to hold different cable sizes on each side.

• Indented groove enhances tensile strength and electrical conductivity.

• Pad under bolts ensures uniform pressure to clamp.

Model	Conductor Cross-section（mm²）	Bolts
APG-A1	AL 16–70	1*M8*40
APG-A2	AL 25–150	1*M8*45
APG-B1	AL 16–35	2*M6*45
APG-B2	AL 16–70	2*M8*50
APG-B3	AL 16–150	2*M10*60
APG-C1	AL 16–70	2*M8*45
APG-C2	AL 25–150	3*M8*50
APG-C3	AL 25–240	3*M10*60
APG-C4	AL 25–300	3*M10*70

CAPG type Parallel Groove Clamp

Application:

Used for connection of aluminium conductors and copper conductors in medium voltage.

Material:

Body : aluminium alloy with copper on one side of groove

Bolt: hot-dip galvanized steel or stainless steel

Feature:

• Advanced forging technology enhances mechanical strength of clamp.

• Special designed screw hole and arc shape of the body allow clamp to hold different cable sizes on each side.

• Pad under bolts ensures uniform pressure to clamp.

Model	Conductor Cross-section（mm2）	Bolts
CAPG-A1	CU 6–50 AL 16–70	1*M8*40
CAPG-A2	CU 10–95 AL 25–150	1*M8*45
CAPG-B1	CU 6–50 AL 16–70	2*M8*45
CAPG-B2	CU 10–95 AL 25–150	2*M8*50
CAPG-B3	CU 25–185 AL 35–200	2*M10*60
CAPG-C1	CU 6–50 AL 16–70	2*M8*45
CAPG-C2	CU 10–95 AL 25–150	2*M8*50
CAPG-C3	CU 25–185 AL 35–240	2*M10*60
CAPG-C4	CU 35–240 AL 35–300	2*M10*70