

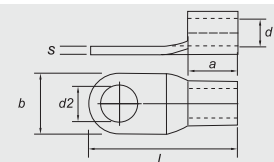
TUBULAR LUGS



terminals . connectors . wiring accessories
MARROW LIN
DEVELOPMENT CO., LTD.

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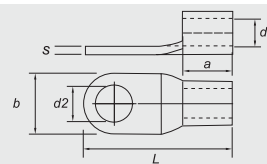
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**DIN 46234 SOLDERLESS TERMINALS
RING TYPE**
**MATERIAL : E-COPPER
SURFACE : TIN PLATED**


conductor section mm ²	Item No	dimensions (mm)					
		d1	d2	b	L	a	s
0.5-1.5	A2.5 - 1	1.6	2.8	6	14	5	0.8
	A3 - 1		3.2	6	14		
	A3.5 - 1		3.7	6	14		
	A4 - 1		4.3	8	16		
	A5 - 1		5.3	10	18		
	A6 - 1		6.5	11	20.5		
	A8 - 1		8.4	14	23		
	A10 - 1		10.5	18	28		
1.5-2.5	A3 - 2.5	2.3	3.2	6	14	5	0.8
	A3.5 - 2.5		3.7	6	14		
	A4 - 2.5		4.3	8	16		
	A5 - 2.5		5.3	10	19		
	A6 - 2.5		6.5	11	21.5		
	A8 - 2.5		8.4	14	24		
	A10 - 2.5		10.5	15	29		
	A12 - 2.5		13.0	18	29		
4-6	A4 - 6	3.6	4.3	8	18	6	1.0
	A5 - 6		5.3	10	20		
	A6 - 6		6.5	11	21.5		
	A8 - 6		8.4	14	26		
	A10 - 6		10.5	18	30		
	A12 - 6		13.0	18	30		
10	A4 - 10	4.5	4.3	10	21	8	1.1
	A5 - 10		5.3	10	21		
	A6 - 10		6.5	11	22.5		
	A8 - 10		8.4	14	27		
	A10 - 10		10.5	18	30		
	A12 - 10		13.0	22	34		
16	A5 - 16	5.8	5.3	11	25.5	10	1.2
	A6 - 16		6.5	11	25.5		
	A8 - 16		8.4	14	29		
	A10 - 16		10.5	18	33		
	A12 - 16		13.0	22	37		
25	A5 - 25	7.5	5.3	12	31	11	1.5
	A6 - 25		6.5	12	31		
	A8 - 25		8.4	16	33		
	A10 - 25		10.5	18	36		
	A12 - 25		13.0	22	42		
	A16 - 25		17.0	28	48		
35	A6 - 35	9	6.5	15	33.5	12	1.6
	A8 - 35		8.4	16	34		
	A10 - 35		10.5	18	36		
	A12 - 35		13.0	22	42		
	A16 - 35		17.0	28	50		

DIN 46234 SOLDERLESS TERMINALS RING TYPE

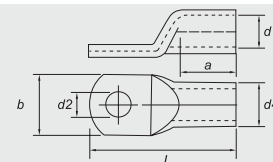
MATERIAL : E-COPPER
SURFACE : TIN PLATED



conductor section mm ²	Item No	dimensions (mm)					
		d1	d2	b	L	a	s
50	A6 - 50	11	6.5	18	43	16	1.8
	A8 - 50		8.4	18	43		
	A10 - 50		10.5	18	43		
	A12 - 50		13.0	22	47		
	A16 - 50		17.0	28	54		
70	A6 - 70	13	6.5	22	48	18	2.0
	A8 - 70		8.4	22	48		
	A10 - 70		10.5	22	48		
	A12 - 70		13.0	22	48		
	A16 - 70		17.0	28	56		
95	A8 - 95	15	8.4	24	54	20	2.5
	A10 - 95		10.5	24	54		
	A12 - 95		13.0	24	54		
	A16 - 95		17.0	28	58		
120	A8 - 120	17	8.4	24	56	22	3.0
	A10 - 120		10.5	24	56		
	A12 - 120		13.0	24	56		
	A16 - 120		17.0	28	62		
150	A10 - 150	19	10.5	30	65	24	3.2
	A12 - 150		13.0				
	A16 - 150		17.0				
185	A10 - 185	21	10.5	36	68	28	3.5
	A12 - 185		13.0				
	A16 - 185		17.0				
240	A12 - 240	23.5	13.0	38	75	32	4.0
	A16 - 240		17.0				

DIN 46235 TUBULAR CABLE LUGS RING TYPE

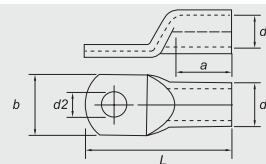
MATERIAL : E-COPPER
SURFACE : TIN PLATED



conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
6	M5	DIN6 - 5	3.8	5.3	5.5	8.5	10	30.5
	M6	DIN6 - 6		6.4		8.5		31.5
	M8	DIN6 - 8		8.4		15		34
10	M5	DIN10 - 5	4.5	5.3	6.0	9	10	34
	M6	DIN10 - 6		6.4		9		34.5
	M8	DIN10 - 8		8.4		13		37
	M10	DIN10 - 10		10.5		15		39
16	M6	DIN16 - 6	5.5	6.4	8.5	13	20	43.5
	M8	DIN16 - 8		8.4		13		46
	M10	DIN16 - 10		10.5		17		48
	M12	DIN16 - 12		13.0		18		49
25	M6	DIN25 - 6	7.0	6.4	10	14	20	45.5
	M8	DIN25 - 8		8.4		16		48
	M10	DIN25 - 10		10.5		17		50
	M12	DIN25 - 12		13.0		19		51
35	M6	DIN35 - 6	8.2	6.4	12.5	17	20	49.5
	M8	DIN35 - 8		8.4		17		52
	M10	DIN35 - 10		10.5		19		54
	M12	DIN35 - 12		13		21		55
	M14	DIN35 - 14		15		21		56.5
50	M8	DIN50 - 8	10	8.4	14.5	20	28	62
	M10	DIN50 - 10		10.5		22		64
	M12	DIN50 - 12		13		24		65
	M14	DIN50 - 14		15		24		66.5
	M16	DIN50 - 16		17		28		68
70	M8	DIN70 - 8	11.5	8.4	16.5	24	28	65
	M10	DIN70 - 10		10.5		24		67
	M12	DIN70 - 12		13		24		68
	M14	DIN70 - 14		15		24		69.5
	M16	DIN70 - 16		17		30		71
95	M8	DIN95 - 8	13.5	8.4	19	28	35	77
	M10	DIN95 - 10		10.5		28		77
	M12	DIN95 - 12		13		28		78
	M14	DIN95 - 14		15		28		79.5
	M16	DIN95 - 16		17		32		81
120	M10	DIN120 - 10	15.5	10.5	21	32	35	85
	M12	DIN120 - 12		13		32		86
	M14	DIN120 - 14		15		32		88
	M16	DIN120 - 16		17		32		89
	M20	DIN120 - 20		21		38		91

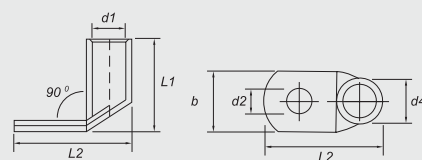
DIN 46235 TUBULAR CABLE LUGS RING TYPE

MATERIAL : E-COPPER
SURFACE : TIN PLATED



conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
150	M10	DIN150 - 10	17	10.5	23.5	34	35	93
	M12	DIN150 - 12		13		34		94
	M14	DIN150 - 14		15		34		97
	M16	DIN150 - 16		17		34		97
	M20	DIN150 - 20		21		40		99
185	M10	DIN185 - 10	19	10.5	25.5	37	40	97
	M12	DIN185 - 12		13		37		98
	M14	DIN185 - 14		15		37		101
	M16	DIN185 - 16		17		37		101
	M20	DIN185 - 20		21		40		103
240	M12	DIN240 - 12	21.5	13	29	42	40	108
	M14	DIN240 - 14		15		42		111
	M16	DIN240 - 16		17		42		111
	M20	DIN240 - 20		21		45		113
300	M12	DIN300 - 12	24.5	13	32	46	50	119
	M14	DIN300 - 14		15		46		119
	M16	DIN300 - 16		17		46		119
	M20	DIN300 - 20		21		46		122
400	M14	DIN400 - 14	27.5	15	38.5	55	70	140
	M16	DIN400 - 16		17		55		140
	M20	DIN400 - 20		21		55		140
500	M16	DIN500 - 16	31	17	42	60	70	150
	M20	DIN500 - 20		21		60		150
625	M16	DIN625 - 16	34.5	17	44	64	80	160
	M20	DIN625 - 20		21		64		160
800	M16	DIN800 - 16	40	17	52	75	100	195
	M20	DIN800 - 20		21		75		195
1000	M16	DIN1000 - 16	44	17	58	85	100	195
	M20	DIN1000 - 20		21		85		195



G TYPE TUBULAR CABLE LUGS
90 DEGREE
MATERIAL : E-COPPER
SURFACE : TIN PLATED


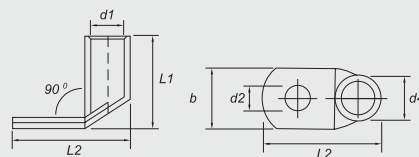
conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	L1	L2
6	M5	G90 - 6/5	3.5	5.3	6.5	10	14	22.5
	M6	G90 - 6/6		6.4		12		24
	M8	G90 - 6/8		8.4		15		27.5
	M10	G90 - 6/10		10.5		16		29.5
10	M5	G90 - 10/5	4.5	5.3	7.0	12	16	23
	M6	G90 - 10/6		6.4		12		24
	M8	G90 - 10/8		8.4		15		28
	M10	G90 - 10/10		10.5		18		29.5
16	M5	G90 - 16/5	5.5	5.3	8.5	12	20	22.5
	M6	G90 - 16/6		6.4		14		24
	M8	G90 - 16/8		8.4		15		28
	M10	G90 - 16/10		10.5		18		31
	M12	G90 - 16/12		13		19		32
25	M6	G90 - 25/6	6.9	6.4	10	15	21	27.5
	M8	G90 - 25/8		8.4		16		32.5
	M10	G90 - 25/10		10.5		18		32.5
	M12	G90 - 25/12		13		19		34
35	M6	G90 - 35/6	8.5	6.4	12	17	24	28.5
	M8	G90 - 35/8		8.4		17		34
	M10	G90 - 35/10		10.5		20		34
	M12	G90 - 35/12		13		22		40.5
50	M6	G90 - 50/6	10	6.4	14	20	28.5	37
	M8	G90 - 50/8		8.4		20		40.5
	M10	G90 - 50/10		10.5		20		40.5
	M12	G90 - 50/12		13		23		42.5
	M16	G90 - 50/16		17		28		50.5
70	M8	G90 - 70/8	12	8.4	16.5	24	31	43
	M10	G90 - 70/10		10.5		24		43
	M12	G90 - 70/12		13		24		44.5
	M16	G90 - 70/16		17		28		53
	M20	G90 - 70/20		21		30		59

G TYPE TUBULAR CABLE LUGS

90 DEGREE

MATERIAL : E-COPPER

SURFACE : TIN PLATED

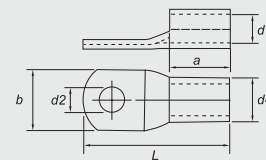


conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	L1	L2
95	M8	G90 - 95/8	13.5	8.4	18	26	35	44.5
	M10	G90 - 95/10		10.5		26		44.5
	M12	G90 - 95/12		13.2		26		44.5
	M16	G90 - 95/16		17		28		52
	M20	G90 - 95/20		21		30.5		59
120	M10	G90 - 120/10	15	10.5	19.5	29	35.5	49
	M12	G90 - 120/12		13		29		49
	M16	G90 - 120/16		17		29		55
	M20	G90 - 120/20		21		30.5		61
150	M10	G90 - 150/10	16.5	10.5	21	31	40	48
	M12	G90 - 150/12		13		31		51
	M16	G90 - 150/16		17		31		56
	M20	G90 - 150/20		21		34		61.5
185	M10	G90 - 185/10	19	10.5	24	35	46	58.5
	M12	G90 - 185/12		13		35		58.5
	M16	G90 - 185/16		17		35		58.5
	M20	G90 - 185/20		21		35		65
240	M12	G90 - 240/12	21	13	26	40	50	54
	M16	G90 - 240/16		17				60
	M20	G90 - 240/20		21				67.8
300	M12	G90 - 300/12	23.5	13	29.5	43	59	74.5
	M16	G90 - 300/16		17				64
	M20	G90 - 300/20		21				70.5
400	M12	G90 - 400/12	27	13	34	49	62	79
	M16	G90 - 400/16		17				68.5
	M20	G90 - 400/20		21				75

*Please send in query for an unlisted item or special request

SC TYPE TUBULAR CABLE LUGS RING TYPE

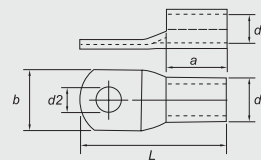
MATERIAL : E-COPPER
SURFACE : TIN PLATED



conductor section mm2	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
1.5	M4	SC1.5 - 4	1.8	4.2	3.7	8	5	16
	M5	SC1.5 - 5		5.2		10		17
	M6	SC1.5 - 6		6.5		10		18
2.5	M4	SC2.5 - 4	2.4	4.2	4.0	8	7	18
	M5	SC2.5 - 5		5.2		10		20
	M6	SC2.5 - 6		6.5		10		20
	M8	SC2.5 - 8		8.4		12.5		23
4	M4	SC4 - 4	3.1	4.2	4.8	10	7	20
	M5	SC4 - 5		5.2		10		20
	M6	SC4 - 6		6.5		10		20
	M8	SC4 - 8		8.4		12.5		23
6	M4	SC6 - 4	3.8	4.2	5.5	10	9	24
	M5	SC6 - 5	3.8	5.2	5.5	10		24
	M6	SC6 - 6	3.8	6.5	5.5	12		24
	M8	SC6 - 8	3.8	8.4	5.5	12.5		26
	M10	SC6 - 10	4.0	10.5	6.2	15		28
10	M5	SC10 - 5	4.5	5.2	6.2	12	9	25
	M6	SC10 - 6		6.5		12		25
	M8	SC10 - 8		8.4		12.5		27
	M10	SC10 - 10		10.5		15		29
	M12	SC10 - 12		13		17		31
16	M5	SC16 - 5	5.4	5.2	7.1	12	12	30
	M6	SC16 - 6		6.5		12		30
	M8	SC16 - 8		8.4		12.5		30
	M10	SC16 - 10		10.5		16		33
	M12	SC16 - 12		13		17		35
20	M8	SC20 - 8	6.3	8.4	8.3	13	12	32
25	M5	SC25 - 5	6.8	5.2	8.8	13	12	33
	M6	SC25 - 6		6.5		13		33
	M8	SC25 - 8		8.4		15		33
	M10	SC25 - 10		10.5		18		34
	M12	SC25 - 12		13		18		35
	M14	SC25 - 14		15		20		38
35	M5	SC35 - 5	8.2	5.3	10.6	16	14	38
	M6	SC35 - 6		6.5		16		38
	M8	SC35 - 8		8.4		16		38
	M10	SC35 - 10		10.5		18		39
	M12	SC35 - 12		13		19		40.5
	M14	SC35 - 14		15		20		42
50	M5	SC50 - 5	9.5	6.5	12.4	17.8	16	45
	M6	SC50 - 6		8.4		17.8		45
	M8	SC50 - 8		10.5		17.8		45
	M10	SC50 - 10		13		20		45
	M12	SC50 - 12		15		22		46
	M14	SC50 - 14		17		24		47
70	M8	SC70 - 8	11.2	8.4	14.7	21	20	52
	M10	SC70 - 10		10.5		21		52
	M12	SC70 - 12		13		21		52
	M14	SC70 - 14		15		21		52
	M16	SC70 - 16		17		25		53

SC TYPE TUBULAR CABLE LUGS RING TYPE

MATERIAL : E-COPPER
SURFACE : TIN PLATED

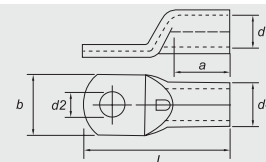


conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
95	M8	SC95 - 8	13.5	8.4	17.4	25	23	58
	M10	SC95 - 10		10.5				
	M12	SC95 - 12		13				
	M14	SC95 - 14		15				
	M16	SC95 - 16		17				
120	M8	SC120 - 8	15	8.4	19.4	28	22	63
	M10	SC120 - 10		10.5				
	M12	SC120 - 12		13				
	M14	SC120 - 14		15				
	M16	SC120 - 16		17				
	M20	SC120 - 20		21				
150	M8	SC150 - 8	16.5	8.4	21.2	30.5	26	70
	M10	SC150 - 10		10.5				
	M12	SC150 - 12		13				
	M14	SC150 - 14		15				
	M16	SC150 - 16		17				
	M20	SC150 - 20		21				
185	M10	SC185 - 10	18.5	10.5	23.5	34	32	75
	M12	SC185 - 12		13				
	M14	SC185 - 14		15				
	M16	SC185 - 16		17				
	M20	SC185 - 20		21				
240	M10	SC240 - 10	21	10.5	26.5	38.5	38	90
	M12	SC240 - 12		13				
	M14	SC240 - 14		15				
	M16	SC240 - 16		17				
	M20	SC240 - 20		21				
300	M10	SC300 - 10	23.5	10.5	30	43	42	98
	M12	SC300 - 12		13				
	M14	SC300 - 14		15				
	M16	SC300 - 16		17				
	M20	SC300 - 20		21				
400	M10	SC400 - 10	28.5	10.5	36.5	52	44	110
	M12	SC400 - 12		13				
	M14	SC400 - 14		15				
	M16	SC400 - 16		17				
	M20	SC400 - 20		21				
500	M10	SC500 - 10	30	10.5	39	56	48	120
	M12	SC500 - 12		13				
	M14	SC500 - 14		15				
	M16	SC500 - 16		17				
	M20	SC500 - 20		21				
630	M10	SC630 - 10	35	10.5	45	65	56	140
	M12	SC630 - 12		13				
	M14	SC630 - 14		15				
	M16	SC630 - 16		17				
	M20	SC630 - 20		21				



T TYPE TUBULAR CABLE LUGS RING TYPE

MATERIAL : E-COPPER
SURFACE : TIN PLATED

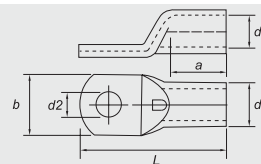


conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
1.5	M4	T1.5 - 4	2.4	4.3	4.0	8.7	7	19
	M5	T1.5 - 5		5.3		8.7		19
	M6	T1.5 - 6		6.4		10		20
2.5	M4	T2.5 - 4	2.7	4.3	4.3	8.7	7	19
	M5	T2.5 - 5		5.3		8.7		19
	M6	T2.5 - 6		6.4		10.3		21
	M8	T2.5 - 8		8.3		12		23
4	M4	T4 - 4	3.1	4.3	4.8	8.7	9.5	21.5
	M5	T4 - 5		5.3		8.7		21.5
	M6	T4 - 6		6.4		10.3		23.5
	M8	T4 - 8		8.3		12.5		28.5
6	M4	T6 - 4	3.8	4.3	5.5	10.3	10	26
	M5	T6 - 5		5.3		10.3		26
	M6	T6 - 6		6.4		10.3		26
	M8	T6 - 8		8.3		13.9		29
	M10	T6 - 10		10.5		13.9		29
10	M4	T10 - 4	4.7	4.3	6.9	11.9	11.5	27.5
	M5	T10 - 5		5.3		11.9		27.5
	M6	T10 - 6		6.4		11.9		27.5
	M8	T10 - 8		8.3		13.5		30.5
	M10	T10 - 10		10.5		15		30.5
	M12	T10 - 12		13.2		17		34
16	M5	T16 - 5	5.6	5.3	7.8	12	12	27.5
	M6	T16 - 6		6.4		12		27.5
	M8	T16 - 8		8.3		13.5		31
	M10	T16 - 10		10.5		16		32
	M12	T16 - 12		13.2		17		37.5
25	M6	T25 - 6	7.1	6.4	9.5	14	13.5	34
	M8	T25 - 8		8.3		14		34
	M10	T25 - 10		10.5		16		37
	M12	T25 - 12		13.2		18		40
35	M6	T35 - 6	8.2	6.4	11	16.5	16	39
	M8	T35 - 8		8.3		16.5		39
	M10	T35 - 10		10.5		16.5		43
	M12	T35 - 12		13.2		18		43
	M14	T35 - 14		14.5		20		48
	M16	T35 - 16		16.5		23		48
40	M6	T40 - 6	9.0	6.4	11.2	17	17	44
	M8	T40 - 8		8.3		17		
	M10	T40 - 10		10.5		17		
	M12	T40 - 12		13.2		18		
50	M6	T50 - 6	9.5	6.4	12.5	18	20	45
	M8	T50 - 8		8.3	12.5	18	20	45
	M10	T50 - 10		10.5	12.5	18	20	49
	M12	T50 - 12		13.2	12.5	18	20	49
	M14	T50 - 14		14.5	12.5	22	20	54
	M16	T50 - 16		16.5	14	25	23	62
	M20	T50 - 20		21	14	30	23	68

T TYPE TUBULAR CABLE LUGS

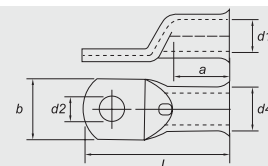
RING TYPE

MATERIAL : E-COPPER
SURFACE : TIN PLATED



conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
70	M8	T70 - 8	11.5	8.3	15	22	20	47.6
	M10	T70 - 10		10.5		22		51.6
	M12	T70 - 12		13.2		22		51.6
	M14	T70 - 14		14.5		22		62.6
	M16	T70 - 16		16.5		22		62.6
	M20	T70 - 20		21		30		62.6
95	M8	T95 - 8	13.5	8.3	17	25	22	55.8
	M10	T95 - 10		10.5		25		55.8
	M12	T95 - 12		13.2		25		55.8
	M14	T95 - 14		14.5		25		66.8
	M16	T95 - 16		16.5		25		66.8
	M20	T95 - 20		21		28		66.8
120	M8	T120 - 8	15.6	8.3	20	29	27	71.5
	M10	T120 - 10		10.5				
	M12	T120 - 12		13.2				
	M14	T120 - 14		14.5				
	M16	T120 - 16		16.5				
	M20	T120 - 20		21				
150	M10	T150 - 10	16.5	10.5	21	30.6	32	78
	M12	T150 - 12		13.2				
	M14	T150 - 14		14.5				
	M16	T150 - 16		16.5				
	M20	T150 - 20		21				
185	M10	T185 - 10	18.4	10.5	23.6	34	34	84
	M12	T185 - 12		13.2				
	M14	T185 - 14		14.5				
	M16	T185 - 16		16.5				
	M20	T185 - 20		21				
240	M10	T240 - 10	21.2	10.5	26.4	38.5	37	90
	M12	T240 - 12		13.2				
	M14	T240 - 14		14.5				
	M16	T240 - 16		16.5				
	M20	T240 - 20		21				
300	M10	T300 - 10	23.4	10.5	28.6	42	40	96
	M12	T300 - 12		13.2				
	M14	T300 - 14		14.5				
	M16	T300 - 16		16.5				
	M20	T300 - 20		21				
400	M10	T400 - 10	26.8	10.5	32.8	48	37	104.7
	M12	T400 - 12		13.2				
	M14	T400 - 14		14.5				
	M16	T400 - 16		16.5				
	M20	T400 - 20		21				
500	M10	T500 - 10	29.8	10.5	38.4	55	46.5	115.5
	M12	T500 - 12		13.2				
	M14	T500 - 14		14.5				
	M16	T500 - 16		16.5				
	M20	T500 - 20		21				
630	M10	T630 - 10	34.5	10.5	44.7	64	50	133.1
	M12	T630 - 12		13.2				
	M14	T630 - 14		14.5				
	M16	T630 - 16		16.5				
	M20	T630 - 20		21				

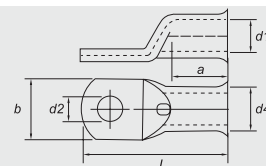
*Please send in query for an unlisted item or special request

TU TYPE TUBULAR CABLE LUGS
BELLMOUTH TYPE
MATERIAL : E-COPPER
SURFACE : TIN PLATED


conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
10	M5	TU10 - 5	4.4	5.3	6.9	10.5	9	27
	M6	TU10 - 6		6.4		10.5	9	27
	M8	TU10 - 8		8.4		14	10	35
	M10	TU10 - 10		10.4		16	10	39
	M12	TU10 - 12		12.8		18	10	39
16	M5	TU16 - 5	5.6	5.3	8.0	11	11	29.5
	M6	TU16 - 6		6.4		11		29.5
	M8	TU16 - 8		8.4		14		38
	M10	TU16 - 10		10.4		16		42
	M12	TU16 - 12		12.8		18		42
25	M5	TU25 - 5	7.0	5.3	9.5	13.5	13	40
	M6	TU25 - 6		6.4		13.5		40
	M8	TU25 - 8		8.4		13.5		40
	M10	TU25 - 10		10.4		16		44
	M12	TU25 - 12		12.8		18		44
35	M5	TU35 - 5	8.2	5.3	11	15.5	14	41
	M6	TU35 - 6		6.4		15.5		41
	M8	TU35 - 8		8.4		15.5		41
	M10	TU35 - 10		10.4		15.5		45
	M12	TU35 - 12		12.8		18		45
	M14	TU35 - 14		14.5		20		50
50	M5	TU50 - 5	9.5	5.3	12.1	17.2	18	46
	M6	TU50 - 6		6.4		17.2		46
	M8	TU50 - 8		8.4		17.2		46
	M10	TU50 - 10		10.4		17.2		50
	M12	TU50 - 12		12.8		17.2		50
	M14	TU50 - 14		14.5		20		55
	M16	TU50 - 16		16.5		22		55
70	M5	TU70 - 5	11.5	5.3	15	21.2	18	48
	M6	TU70 - 6		6.4				48
	M8	TU70 - 8		8.4				48
	M10	TU70 - 10		10.4				52
	M12	TU70 - 12		12.8				52
	M14	TU70 - 14		14.5				63
	M16	TU70 - 16		16.5				63

TU TYPE TUBULAR CABLE LUGS BELLMOUTH TYPE

MATERIAL : E-COPPER
SURFACE : TIN PLATED

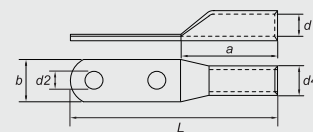


conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
95	M8	TU95 - 8	13.5	8.4	17	24.3	24	58
	M10	TU95 - 10		10.4				58
	M12	TU95 - 12		12.8				58
	M14	TU95 - 14		14.5				69
	M16	TU95 - 16		16.5				69
120	M8	TU120 - 8	15	8.4	19	27.2	27	73
	M10	TU120 - 10		10.4				
	M12	TU120 - 12		12.8				
	M14	TU120 - 14		14.5				
	M16	TU120 - 16		16.5				
	M20	TU120 - 20		21				
150	M8	TU150 - 8	16.5	8.4	21	30	27	78
	M10	TU150 - 10		10.4				
	M12	TU150 - 12		12.8				
	M14	TU150 - 14		14.5				
	M16	TU150 - 16		16.5				
	M20	TU150 - 20		21				
185	M10	TU185 - 10	18.5	10.4	23	33.5	30	82
	M12	TU185 - 12		12.8				
	M14	TU185 - 14		14.5				
	M16	TU185 - 16		16.5				
	M20	TU185 - 20		21				
240	M10	TU240 - 10	21	10.4	26	37.7	32	88
	M12	TU240 - 12		12.8				
	M14	TU240 - 14		14.5				
	M16	TU240 - 16		16.5				
	M20	TU240 - 20		21				
300	M10	TU300 - 10	23	10.4	28	41	37	97
	M12	TU300 - 12		12.8				
	M14	TU300 - 14		14.5				
	M16	TU300 - 16		16.5				
	M20	TU300 - 20		21				



CL TYPE TUBULAR CABLE LUGS

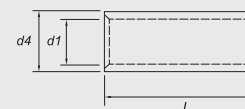
MATERIAL : E-COPPER
SURFACE : TIN PLATED



conductor section mm ²	bolt	Item No	dimensions (mm)					
			d1	d2	d4	b	a	L
14	M6	CL14-2H-6	5.8	6.4	8.8	13	28.5	117.5
22	M8	CL22-2H-8	7.7	8.4	11.3	16	28.5	119.2
38	M10	CL38-2H-10 CL38-2H-12	9.8 9.8	10.5 13	12.4	18.3	31.7	120
60	M12	CL60-2H-10 CL60-2H-12	11 11	10.5 13	14	20.5	40	130
70	M10 M12	CL70-2H-10 CL70-2H-12	12 12	10.5 13	15	21.4	40	130
80	M12	CL80-2H-12	13	13	16	23.2	40	130
100		CL100-2H-12	14		18	26	42	132
125		CL125-2H-12	16		20	29	42	135
150		CL150-2H-12	17		22	31	50	150
180		CL180-2H-12	18.2		23	33	50	150
200		CL200-2H-12	20		26	37	52.5	150
250		CL250-2H-12	22		28	40	50	150
325		CL325-2H-12	25		32	46	68	180
400		CL400-2H-12	30		37	54	60	180
500		CL500-2H-12	31		40	57.5	60	180

P BUTT CONNECTOR

MATERIAL : E-COPPER
SURFACE : TIN PLATED



Item No	dimensions (mm)		
	d1	d4	L
P1	3.3	1.85	8.0
P2	4.0	2.55	8.0
P5	5.5	3.6	8.5
P10	7.0	4.5	9.0
P16	8.5	5.5	10
P25	10	7.0	13
P35	12	8.5	16
P50	14	10	19
P70	16.5	12	19
P95	18	13.5	20
P120	19.5	15	22
P150	21	16.5	26

B BUTT CONNECTOR

MATERIAL : E-COPPER
SURFACE : TIN PLATED



Item No	dimensions (mm)		
	d1	d4	L
B1	1.85	3.3	15
B2	2.55	4.0	15
B5	3.65	5.5	15
B10	4.5	7.0	21
B16	5.5	8.5	26
B25	7.0	10	29
B35	8.5	12	32
B50	10	14	48
B70	12	16.5	48
B95	13.5	18	48
B120	15	19.5	48
B150	16.5	21	48

M BUTT CONNECTOR

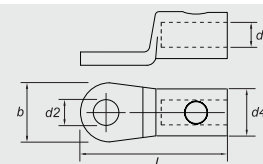
MATERIAL : E-COPPER
SURFACE : TIN PLATED



Item No	dimensions (mm)		
	d1	d4	L
M1.5	2.4	4.0	22
M2.5	2.7	4.3	22
M4	3.1	4.8	25
M6	3.8	5.5	25
M10	4.7	6.9	25
M16	5.6	7.8	29
M25	7.1	9.5	29
M35	8.2	11	35
M40	9.0	11.2	35
M50	9.5	12.5	35
M70	11.5	15	45
M95	13.5	17	47
M120	15.6	20	52
M150	16.5	21	59
M185	18.4	23.6	65
M240	21.2	26.4	75
M300	23.4	28.6	90
M400	26.8	32.8	106

SHEAR-BOLT LUG

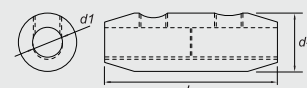
MATERIAL : ALUMINUM ALLOY
SURFACE : TIN PLATED



conductor section mm ²	bolt	Item No	dimensions (mm)				Tear-off Screw
			d1	d4	b	L	
16-95	M12	AL16-95-12	12.5	24	30	60	1
50-150	M12	AL50-150-12	15.5	30	30	79	1
	M16	AL50-150-16					2
95-240	M12	AL95-240-12	20	33	33	95	2
	M16	AL95-240-16					
120-300	M12	AL120-300-12	25	38	38	100	2
	M16	AL120-300-16					
185-400	M12	AL185-400-12	26	42	42	115	3
	M16	AL185-400-16					

SHEAR-BOLT CONNECTOR

MATERIAL : ALUMINUM ALLOY
SURFACE : TIN PLATED



conductor section mm ²	Item No	dimensions (mm)			Tear-off Screw
		d1	d4	L	
16-95	AL16-95	12.5	24	70	2
50-150	AL50-150	15.5	30	85	2
95-240	AL95-240	20	33	120	4
120-300	AL120-300	25	38	142	4
185-400	AL185-400	26	42	170	6



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