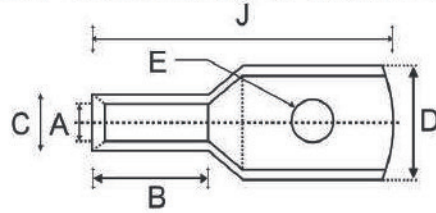


COPPER TUBULAR TERMINALS WITH INSPECTION VENT



Material : ETP Grade Copper to BS-1977, Finish : Electro-tinned

Cable mm ²	Stud Hole E	B	D	A	C	J
1.5	M 4	5.5	8.0	1.8	3.7	17.0
1.5	M 5	5.5	8.0	1.8	3.7	17.0
1.5	M 6	5.5	9.5	1.8	3.7	19.0
2.5	M 4	8.0	8.5	2.4	4.0	21.5
2.5	M 5	8.0	8.5	2.4	4.0	21.5
2.5	M 6	8.0	9.5	2.4	4.0	21.5
2.5	M 8	8.0	11.0	2.4	4.0	24.0
4	M 4	8.0	9.5	3.1	4.8	21.0
4	M 5	8.0	9.5	3.1	4.8	21.0
4	M 6	8.0	9.5	3.1	4.8	21.0
4	M 8	8.0	11.0	3.1	4.8	25.0
6	M 5	10.0	9.5	3.8	5.5	23.0
6	M 6	10.0	10.5	3.8	5.5	27.0
6	M 8	10.0	11.0	3.8	5.5	27.0
6	M 10	10.0	14.5	3.8	5.5	32.0
10	M 5	10.0	10.5	4.5	6.2	25.5
10	M 6	10.0	10.5	4.5	6.2	25.5
10	M 8	10.0	11.5	4.5	6.2	27.5
10	M 10	10.0	14.5	4.7	7.1	32.0
10	M 12	10.0	18.0	4.7	7.1	36.0
16	M 5	13.0	11.5	5.4	7.1	31.0
16	M 6	13.0	11.5	5.4	7.1	31.0
16	M 8	13.0	11.5	5.4	7.1	31.0
16	M 10	13.0	14.5	5.5	7.9	35.0
16	M 12	13.0	18.0	5.5	7.9	39.0
20	M 8	13.0	11.5	6.0	7.7	32.5
25	M 6	14.0	12.5	6.8	8.8	33.0
25	M 8	14.0	13.0	6.8	8.8	33.0
25	M 10	14.0	14.5	6.8	8.8	36.5
25	M 12	14.0	16.5	6.8	8.8	40.0
35	M 6	14.0	15.0	8.2	10.6	36.0
35	M 8	14.0	15.0	8.2	10.6	36.0
35	M 10	14.0	16.0	8.2	10.6	39.0
35	M 12	15.5	21.0	8.2	10.6	47.0
50	M 6	18.0	18.0	9.5	12.4	45.0
50	M 8	18.0	18.0	9.5	12.4	45.0
50	M 10	18.0	18.0	9.5	12.4	45.0
50	M 12	22.0	21.0	9.5	12.4	52.0
50	M 14	18.0	22.0	9.5	12.4	52.0
50	M 16	18.0	22.0	9.5	12.4	52.0
70	M 6	20.0	21.0	11.2	14.7	52.0
70	M 8	20.0	21.0	11.2	14.7	52.0
70	M 10	20.0	21.0	11.2	14.7	52.0
70	M 12	20.0	21.0	11.2	14.7	52.0
70	M 14	20.0	25.0	11.2	14.7	55.0
70	M 16	20.0	25.0	11.2	14.7	55.0

Cable mm ²	Stud Hole E	B	D	A	C	J
70	M 20	20.0	28.0	11.2	14.7	57.0
95	M 8	22.0	25.0	13.5	17.4	57.0
95	M 10	22.0	25.0	13.5	17.4	57.0
95	M 12	22.0	25.0	13.5	17.4	57.0
95	M 14	22.0	26.0	13.5	17.4	57.0
95	M 16	22.0	26.0	13.5	17.4	60.0
95	M 20	22.0	28.0	13.5	17.4	60.0
120	M 8	24.0	28.0	15.0	19.4	63.0
120	M 10	24.0	28.0	15.0	19.4	63.0
120	M 12	24.0	28.0	15.0	19.4	63.0
120	M 14	24.0	28.0	15.0	19.4	63.0
120	M 16	24.0	28.0	15.0	19.4	63.0
120	M 20	24.0	31.0	15.0	19.4	70.0
150	M 8	29.0	30.5	16.5	21.2	71.0
150	M 10	29.0	30.5	16.5	21.2	71.0
150	M 12	29.0	30.5	16.5	21.2	71.0
150	M 14	29.0	30.5	16.5	21.2	71.0
150	M 16	29.0	30.5	16.5	21.2	71.0
150	M 20	29.0	30.5	16.5	21.2	71.0
185	M 10	34.0	34.0	18.5	23.5	79.0
185	M 12	34.0	34.0	18.5	23.5	79.0
185	M 14	34.0	34.0	18.5	23.5	79.0
185	M 16	34.0	34.0	18.5	23.5	79.0
185	M 20	34.0	34.0	18.5	23.5	79.0
240	M 10	39.0	38.0	21.0	26.5	93.0
240	M 12	39.0	38.0	21.0	26.5	93.0
240	M 14	39.0	38.0	21.0	26.5	93.0
240	M 16	39.0	38.0	21.0	26.5	93.0
240	M 20	39.0	38.0	21.0	26.5	93.0
300	M 10	44.0	43.0	23.5	30.0	101.0
300	M 12	44.0	43.0	23.5	30.0	101.0
300	M 14	44.0	43.0	23.5	30.0	101.0
300	M 16	44.0	43.0	23.5	30.0	101.0
300	M 20	44.0	43.0	23.5	30.0	101.0
400	M 10	47.0	50.0	26.8	34.8	116.0
400	M 12	47.0	50.0	26.8	34.8	116.0
400	M 14	47.0	50.0	26.8	34.8	116.0
400	M 16	47.0	50.0	26.8	34.8	116.0
500	M 16	52.0	55.5	30.0	39.0	126.0
500	M 20	52.0	55.5	30.0	39.0	126.0
630	M 16	59.0	64.5	35.0	45.0	146.0
630	M 20	59.0	64.5	35.0	45.0	146.0
800	-	78.0	72.5	39.0	50.6	171.0
1000	-	90.0	80.5	43.0	56.2	202.0

Product also available with V-knotch Inspection Vent & without Inspection Vents also.



COPPER TUBULAR INLINE CONNECTORS



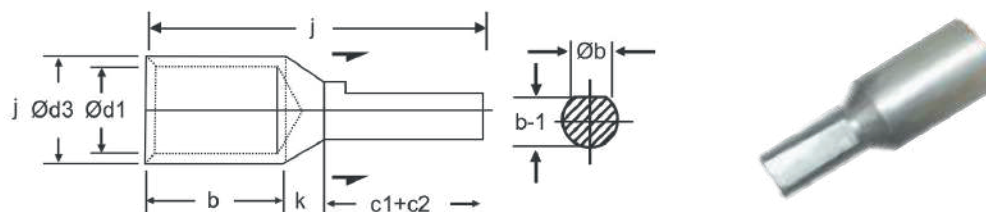
CABLE mm2	A	C	J
1.5	1.8	3.7	15
			22
2.5	2.4	4.0	15
			22
4	3.1	4.8	15
			25
6	3.8	5.5	15
			22
			25
10	4.5	6.2	20
			22
			30
16	5.4	7.1	20
			35
25	6.8	8.8	32
			40
			47
35	8.2	10.6	36
			45
50	9.5	12.4	40
			47
			50
70	11.2	14.7	40
			45
			50
95	13.5	17.4	45
			50
			60
120	15.0	19.4	45
			65
150	16.5	21.2	55
			65
185	18.5	23.5	65
			75
240	21.0	26.5	80
			85
			89
300	23.5	30.0	85
			90
400	26.8	34.8	90
			100
500	30.0	39.0	100
			110
630	35.0	45.0	110
			120
800	39.0	50.6	150
1000	43.0	56.2	170

MATERIAL: COPPER BS - 1977

FINISH: ELECTRO TINNED



COPPER REDUCER TYPE PIN CONNECTORS

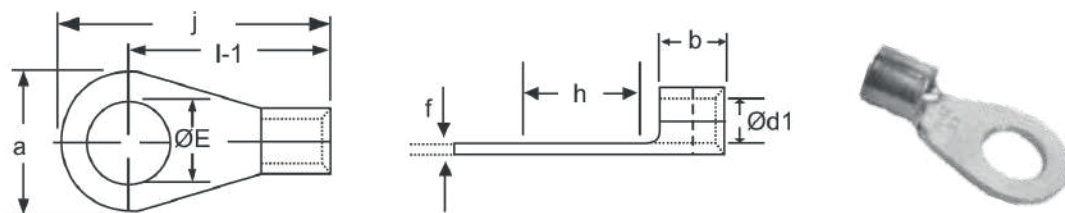


Size mm ²	Ød1	Ød3	Øb	b1	b	k	c1+c2	j
2.5	2.5	4.7	4.5	4.0	6	4	10	20
2.5	2.5	4.7	3.8	3.3	6	4	10	20
4	2.8	4.7	4.5	4.0	6	4	10	20
4	2.8	4.7	3.8	3.3	6	4	10	20
6	3.1	4.7	4.5	4.0	6	4	10	20
6	3.1	4.7	3.8	3.3	6	4	10	20
10	3.8	5.5	4.5	4.0	9	4	10	23
10	3.8	5.5	3.8	3.3	9	4	10	23
10	4.4	6.2	4.5	4.0	9	4	10	23
10	4.4	6.2	3.8	3.3	9	4	10	23
16	5.3	7.1	6.0	5.5	12	5	15	32
16	5.3	7.1	6.0	5.5	12	5	20	37
16	5.3	7.1	3.8	3.3	12	5	13	30
25	7.0	9.0	6.0	5.5	12	5	15	32
25	7.0	9.0	7.5	6.5	12	5	20	37
35	8.0	10.0	7.5	6.5	12	5	20	37
50	9.2	11.2	7.5	6.5	16	5	20	41
50	10.4	14.0	14.0	13.0	18	7	24	49
70	11.5	13.8	7.5	6.5	18	5	20	43
70	11.5	13.8	11.5	10.5	18	5	25	48
70	11.5	13.8	11.5	10.5	18	5	32	55
95	12.8	15.6	11.5	10.5	20	6	25	51
95	12.8	15.6	15.6	14.0	20	6	27	53
95	12.8	15.6	7.5	6.5	20	6	22	48
95	12.8	15.6	12.8	11.8	20	6	32	58
120	14.8	17.8	11.5	10.5	22	6	25	53
120	14.8	17.8	7.5	6.5	22	6	22	50
120	14.8	17.8	11.5	10.5	22	6	32	60
120	14.8	17.8	15.6	14.0	22	6	32	60
150	16.0	19.6	15.6	14.0	26	6	32	64
150	16.0	19.6	11.5	10.5	26	6	32	64
185	18.0	22.0	15.6	14.0	32	6	32	70
185	18.0	22.0	11.5	10.5	32	6	32	70
225	20.0	26.0	15.6	14.0	38	8	32	78
225	20.0	26.0	21.0	18.0	38	8	42	88
225	20.0	26.0	16.0	15.0	38	8	42	88
240	22.0	26.0	16.0	15.0	38	8	42	88
240	22.0	26.0	15.6	14.0	38	8	32	78
300	24.0	28.7	16.0	15.0	42	8	42	92
300	24.0	28.7	15.6	14.0	42	8	32	82
400	27.0	33.2	15.6	14.0	46	12	32	90

MATERIAL: COPPER IS - 191

FINISH: TIN PLATED

COPPER RING TONGUE TYPE TERMINALS (RAIL COACH WIRING)

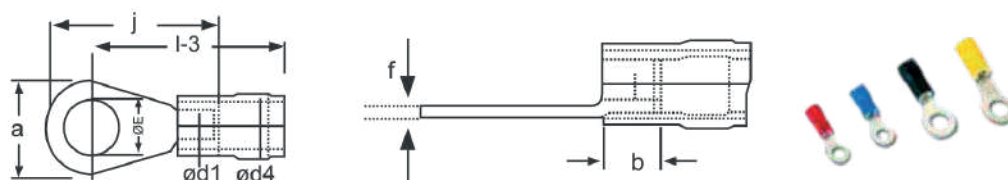


Size mm ²	ØE	Ød1	a	b	l-1	j	f
6-5	M5	3.6	9.6	8	21.0	25.8	1.3
6-6	M6	3.6	12.0	8	23.8	29.8	1.3
6-8	M8	3.6	16.0	8	28.5	36.5	1.3
6-10	M10	3.8	16.0	8	28.5	36.5	1.2
6-12	M12	3.8	19.0	8	29.0	38.5	1.2
10-6	M6	4.8	16.0	8	30.3	38.3	1.3
10-8	M8	4.8	16.0	8	30.3	38.3	1.3
10-10	M10	5.2	22.0	8	30.3	49.0	1.6

MATERIAL : COPPER IS - 1897

FINISH: TINPLA

COPPER RING TONGUE TYPE TERMINALS (PRE- INSULATED) RAIL COACH WIRING



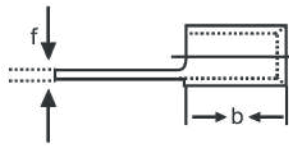
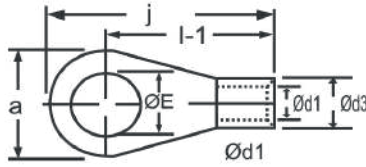
Size mm ²	ØE	Ød1	a	b	j	f	Ød4	l-3
1.5	M5	1.8	10.0	5	20.0	1.0	4.4	20.0
2.5	M6	2.7	12.0	6	22.0	1.3	7.6	25.0
4.0	M3	2.9	7.2	6	18.0	1.3	6.4	23.4
4.0	M6	2.8	12.0	6	20.0	1.1	6.4	23.0
4.0	M8	3.3	14.0	6	22.5	1.0	6.4	27.5

MATERIAL : COPPER IS - 1897

FINISH : ELECTRO TIN



COPPER RING TONGUE TYPE TERMINALS (INSULATED)



Size mm ²	E	Ød1	a	b	h	j	f	Ød3	l-3
1.5	M2	1.6	6.0	5	4.0	14.0	0.8	3.2	16.0
1.5	M2.5	1.6	6.0	5	4.0	14.0	0.8	3.2	16.0
1.5	M3	1.6	6.0	5	4.0	14.0	0.8	3.2	16.0
1.5	M3.5	1.6	6.0	5	4.0	14.0	0.8	3.2	16.0
1.5	M4	1.6	6.0	5	4.0	14.0	0.8	3.2	16.0
1.5	M3	1.6	8.0	5	5.0	16.0	0.8	3.2	17.0
1.5	M4	1.6	8.0	5	5.0	16.0	0.8	3.2	17.0
1.5	M5	1.6	8.0	5	5.0	16.0	0.8	3.2	17.0
1.5	M3	1.6	6.8	5	3.6	13.0	0.8	3.2	14.6
1.5	M3.5	1.6	6.8	5	5.0	13.0	0.8	3.2	14.6
1.5	M4	1.6	6.8	5	5.0	13.0	0.8	3.2	14.6
1.5	M4	1.6	7.0	5	5.0	14.5	0.8	3.2	16.0
1.5	M4	1.6	10.0	5	5.0	18.0	0.8	3.2	18.0
1.5	M5	1.6	10.0	5	6.0	18.0	0.8	3.2	18.0
1.5	M6	1.6	10.0	5	6.0	18.0	0.8	3.2	18.0
1.5	M6	1.6	12.0	5	6.0	18.0	0.8	3.2	17.0
2.5	M3	2.3	6.5	5	3.5	12.7	0.8	3.9	14.5
2.5	M3.5	2.3	6.5	5	3.5	12.7	0.8	3.9	14.5
2.5	M3.5	2.3	8.0	5	5.0	16.0	0.8	3.9	17.0
2.5	M4	2.3	8.0	5	5.0	16.0	0.8	3.9	17.0
2.5	M5	2.3	8.0	5	5.0	16.0	0.8	3.9	17.0
2.5	M5	2.3	10.0	5	5.0	18.0	0.8	3.9	18.0
2.5	M6	2.3	10.0	5	5.0	18.0	0.8	3.9	18.0
2.5	M5	2.3	12.0	5	9.0	22.0	0.8	3.9	21.0
2.5	M6	2.3	12.0	5	9.0	22.0	0.8	3.9	21.0
2.5	M8	2.3	12.0	5	9.0	22.0	0.8	3.9	21.0
2.5	M6	2.3	16.0	5	10.0	25.0	0.8	3.9	22.0
2.5	M8	2.3	16.0	5	10.0	25.0	0.8	3.9	22.0
2.5	M10	2.3	16.0	5	10.0	25.0	0.8	3.9	22.0
2.5	M10	2.3	18.0	5	14.0	29.0	0.8	3.9	25.0
2.5	M12	2.3	18.0	5	14.0	29.0	0.8	3.9	25.0
4.6	M4	3.5	8.0	6	5.0	17.0	1.0	5.5	21.0
4.6	M5	3.5	8.0	6	5.0	17.0	1.0	5.5	21.0
4.6	M4	3.5	10.0	6	5.0	19.0	1.0	5.5	22.0
4.6	M5	3.5	10.0	6	5.0	19.0	1.0	5.5	22.0
4.6	M5	3.5	8.0	6	9.0	22.0	1.0	5.5	26.0
4.6	M5	3.5	12.0	6	6.0	20.0	1.0	5.5	22.0
4.6	M6	3.5	12.0	6	6.0	20.0	1.0	5.5	22.0
4.6	M8	3.5	12.0	6	6.0	20.0	1.0	5.5	22.0
4.6	M5	3.5	12.0	6	7.0	22.0	1.0	5.5	24.0
4.6	M6	3.5	12.0	6	7.0	22.0	1.0	5.5	24.0
4.6	M6	3.5	14.0	6	10.5	25.5	1.0	5.5	26.5
4.6	M8	3.5	14.0	6	10.5	25.5	1.0	5.5	26.5
4.6	M10	3.5	14.0	6	10.5	25.5	1.0	5.5	26.5
4.6	M8	3.5	16.0	6	13.0	30.0	1.0	5.5	30.0
4.6	M10	3.5	16.0	6	13.0	30.0	1.0	5.5	30.0
4.6	M8	3.5	18.0	6	12.0	30.0	1.0	5.5	30.0
4.6	M10	3.5	18.0	6	12.0	30.0	1.0	5.5	29.0
4.6	M12.5	3.5	18.0	6	12.0	30.0	1.0	5.5	29.0

MATERIAL : COPPER IS - 1897

FINISH:TINPLATED



MALE - FEMALE DISCONNECTS & NYLON CABLE GLANDS

FULLY INSULATED FEMALE DISCONNECTORS



SIZE	PART NO.
1.5mm ² (0.5 x 4.75mm)	VIFD-1554
1.5mm ² (0.8 x 4.75mm)	VIFD-1584
1.5mm ² (0.5 x 6.35mm)	VIFD-1556
2.5mm ² (0.8 x 6.35mm)	VIFD-2586
4-6mm ² (0.8 x 6.35mm)	VIFD-4686

INSULATED MALE SNAP ON TABS



SIZE	PART NO.
1.5mm ² (0.8 x 4.75mm)	VIMD-1584
1.5mm ² (0.8 x 6.35mm)	VIMD-1586
2.5mm ² (0.8 x 6.35mm)	VIMD-2586
4-6mm ² (0.8 x 6.35mm)	VIMD-4686

INSULATED FEMALE SNAP ON TABS



SIZE	PART NO.
1.5mm ² (0.5 x 2.8mm)	VSFD-1552
1.5mm ² (0.8 x 2.8mm)	VSFD-1582
1.5mm ² (0.8 x 4.75mm)	VSFD-1584
1.5mm ² (0.8 x 6.35mm)	VSFD-1586
2.5mm ² (0.8 x 6.35mm)	VSFD-2586
4-6mm ² (0.8 x 6.35mm)	VSFD-4686

FULLY INSULATED BULLETS & RECEPTACLES



SIZE	PART NO.
1.5mm ² (0.8 x 4.75mm)	VIMD-1584
1.5mm ² (0.8 x 6.35mm)	VIMD-1586
2.5mm ² (0.8 x 6.35mm)	VIMD-2586
4-6mm ² (0.8 x 6.35mm)	VIMD-4686

INSULATED BUTT CONNECTORS



SIZE	PART NO.
1.5mm ²	BC2K-453i
2.5mm ²	BC2K-454i
4-6mm ²	BC2K-455i

NYLON FULLY INSULATED DISCONNECTORS



SIZE	PART NO.
1.5mm ² (0.8 x 6.35mm)	NIFD-1586
1.5mm ² (0.8 x 6.35mm)	NIMD-1586
2.5mm ² (0.8 x 6.35mm)	NIFD-2586
2.5mm ² (0.8 x 6.35mm)	NIMD-2586

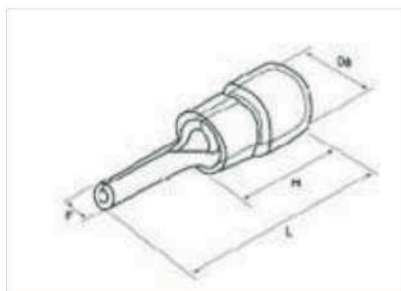
PG-TYPE NYLON CABLE GLANDS



SIZE	PART NO.
PG-7	NGP-7
PG-9	NGP-9
PG-11	NGP-11
PG-13.5	NGP-13.5
PG-16	NGP-16
PG-21	NGP-21
PG-29	NGP-29
PG-36	NGP-36
PG-42	NGP-42
PG-48	NGP-48



PIN TYPE INSULATED TERMINALS



Material

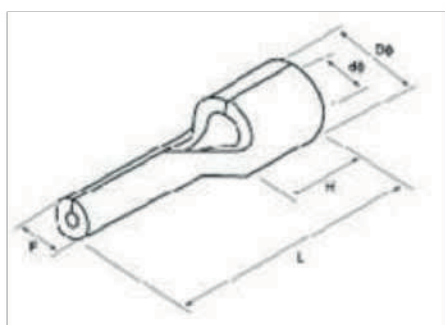
Insulation : Flared PVC

Terminal : ETP Copper

Finish : Tin Plated

Part No.	Dimension(mm)				Color
	F	L	H	D	
PIR 1.5-9	1.9	19.0	10.0	4.3	Red
PIR 1.5-10	1.9	20.0			
PIR 1.5-12	1.9	22.0			
PIR 1.5-13	1.9	23.0			
PIR 1.5-18	1.9	28.0	10.0	4.9	Blue
PIR 2.5-9	1.9	19.0			
PIR 2.5-10	1.9	20.0			
PIR 2.5-12	1.9	22.0			
PIR 2.5-13	1.9	23.0			
PIR 2.5-18	1.9	28.0			
PIR 4-6-13	2.8	25.5	13.0	6.7	Yellow

PIN TYPE BRAZED TERMINALS



Material

Terminal : ETP Copper

Finish : Tin Plated

Part No.	Dimension(mm)				
	F	L	H	D	d
PBR 1.5-9	1.9	13.8	4.8	3.4	1.7
PBR 1.5-10	1.9	14.8			
PBR 1.5-12	1.9	16.8			
PBR 1.5-13	1.9	17.8			
PBR 1.5-18	1.9	22.8	4.8	4.1	2.3
PBR 2.5-9	1.9	13.8			
PBR 2.5-10	1.9	14.8			
PBR 2.5-12	1.9	16.8			
PBR 2.5-13	1.9	17.8			
PBR 2.5-18	1.9	22.8			
PBR 4-10	2.8	14.8	6.0	5.0	3.0
PBR 4-13	2.8	19.8			
PBR 6-13	2.8	19.8			



BRASS MALE / FEMALE ADAPTOR

Brass

Thread Sizes	Cat. No	Thread Sizes
20 x 25 mm	CE9473	3/4" x 1"
20 x 32 mm	CE9474	3/4" x 1.1/4"
25 x 32 mm	CE9475	1" x 1.1/4"
25 x 40 mm	CE9476	1.1/4" x 1.1/2"
25 x 40 mm	CE9477	1.1/2" x 2"
40 x 50 mm	CE9478	



BRASS MALE / FEMALE REDUCER

Brass



Thread Sizes	Cat. No	Thread Sizes
16 x 20 mm	CE9484	40 x 63 mm
20 x 25 mm	CE9485	50 x 63 mm
20 x 32 mm	CE9486	3/4" x 1"
25 x 32 mm	CE9487	3/4" x 1.1/4"
25 x 40 mm	CE9488	1" x 1.1/4"
32 x 40 mm	CE9489	1.1/2" x 2"
40 x 50 mm	CE9490	

BRASS MALE BUSH

Brass

Thread Sizes	Cat. No	Thread Sizes
16	CE9497	3/4"
20	CE9498	1"
25	CE9499	1.1/4"
32	CE9500	1.1/2"
40	CE9501	2"
50	CE9502	



BRASS END PLUG

Brass

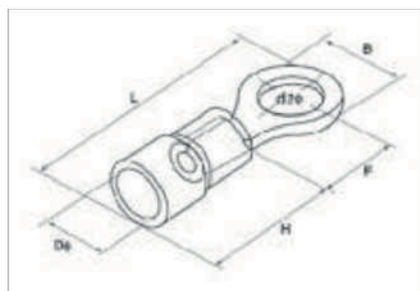


Thread Sizes	Cat. No	Thread Sizes
16	CE9508	3/4"
20	CE9509	1"
25	CE9510	1.1/4"
32	CE9511	1.1/2"
40	CE9512	2"
50	CE9513	



COPPER RING TERMINALS INSULATED

Material
 Insulation : Flared PVC
 Terminal : ETP Copper
 Finish : Tin Plated

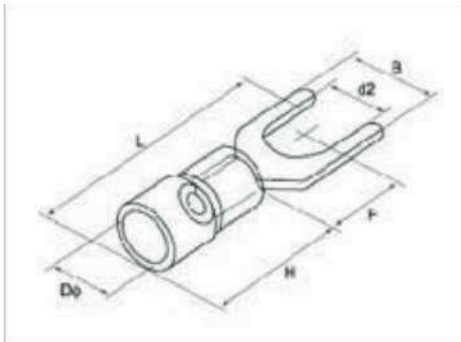


Part No.	Stud size	Dimension(mm)						Color
		d2	B	L	F	H	D	
CRI 1.5-3.2	#4	3.2	5.7	17.8	4.95	10.0	4.3	Red
CRI 1.5-3.5	#6	3.7	5.7	17.8	4.95			
CRI 1.5-3.5M	#6	3.7	6.6	20.1	6.3			
CRI 1.5-3.5L	#6	3.7	8.0	21.5	7.0			
CRI 1.5-4S	#8	4.3	6.6	20.1	6.3			
CRI 1.5-4L	#8	4.3	8.0	21.5	7.0			
CRI 1.5-5S	#10	5.3	8.0	21.5	7.0			
CRI 1.5-5L	#10	5.3	9.8	23.0	8.5			
CRI 1.5-6S	1/4	6.4	9.8	23.0	8.5			
CRI 1.5-6	1/4	6.4	11.6	27.5	11.1			
CRI 1.5-8	5/16	8.4	11.6	27.5	11.1			
CRI 1.5-10	3/8	10.5	13.6	31.6	13.9			
CRI 1.5-12	1/2	13.0	19.2	36.0	16.5			
CRI 2.5-3.2	#4	3.2	6.6	17.8	4.3	10.0	4.9	Blue
CRI 2.5-3.5S	#6	3.7	6.6	17.8	4.3			
CRI 2.5-3.5M	#6	3.7	6.6	21.0	7.0			
CRI 2.5-3.5L	#6	3.7	8.5	22.5	7.75			
CRI 2.5-4	#8	4.3	6.6	21.0	7.0			
CRI 2.5-4L	#8	4.3	8.5	22.5	7.75			
CRI 2.5-5S	#10	5.3	8.5	22.5	7.75			
CRI 2.5-5L	#10	5.3	9.5	22.5	7.25			
CRI 2.5-6	1/4	6.4	12.0	27.6	11.0			
CRI 2.5-8	5/16	8.4	12.0	27.6	11.0			
CRI 2.5-10	3/8	10.5	13.6	30.2	13.9			
CRI 2.5-12	1/2	13.0	19.2	36.5	16.5			
CRI 4-6-3.5	#6	3.7	7.2	21.4	5.0	13.0	6.7	Yellow
CRI 4-6-4S	#8	4.3	7.2	21.4	5.9			
CRI 4-6-4	#8	4.3	9.5	25.5	8.3			
CRI 4-6-5	#10	5.3	9.5	25.5	8.3			
CRI 4-6-6	1/4	6.4	12.0	31.5	13.0			
CRI 4-6-8	5/16	8.4	15.0	33.7	13.7			
CRI 4-6-10	3/8	10.5	15.0	33.7	13.7			
CRI 4-6-12	1/2	13.0	19.2	38.1	16.0			

COPPER FORK TYPE TERMINALS INSULATED



Material
 Insulation : Flared PVC
 Terminal : ETP Copper
 Finish : Tin Plated



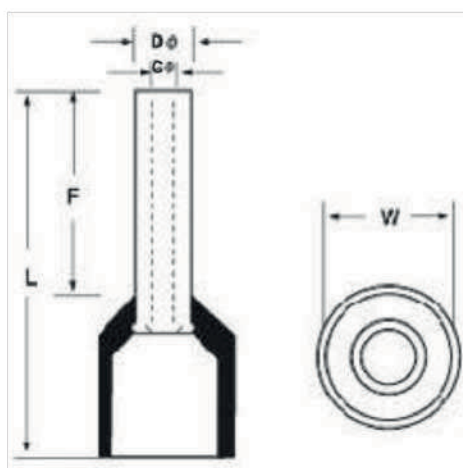
Part No.	Stud Size	Dimension(mm)						Color
		d2	B	L	F	H	D	
CFI 1.5-3.2	#4	3.2	5.7	21.2	6.5			Red
CFI 1.5-3.5S	#6	3.7	5.7	21.2	6.5			
CFI 1.5-3.5L	#6	3.7	6.4	21.2	6.5			
CFI 1.5-4	#8	4.3	6.4	21.2	6.5			
CFI 1.5-4M	#8	4.3	7.2	21.2	6.5			
CFI 1.5-4L	#8	4.3	8.1	21.2	6.5	10.0	4.3	
CFI 1.5-4S	#10	5.3	8.1	21.2	6.5			
CFI 1.5-5L	#10	5.3	9.5	21.2	6.5			
CFI 1.5-6	1/4	6.4	9.5	21.2	6.5			
CFI 1.5-6L	1/4	6.4	12.0	27.2	11.0			
CFI 1.5-8	5/16	8.4	14.0	29.0	12.5			
CFI 2.5-3.2	#4	3.2	5.7	21.2	6.5			Blue
CFI 2.5-3.5S	#6	3.7	5.7	21.2	6.5			
CFI 2.5-3.5L	#6	3.7	6.0	21.2	6.4			
CFI 2.5-4S	#8	4.3	6.4	21.2	6.5			
CFI 2.5-4M	#8	4.3	7.2	21.2	6.5			
CFI 2.5-4L	#8	4.3	8.1	21.2	6.5	10.0	4.9	
CFI 2.5-5S	#10	5.3	8.1	21.2	6.5			
CFI 2.5-5L	#10	5.3	9.5	21.2	6.5			
CFI 2.5-6S	1/4	6.4	9.5	21.2	6.5			
CFI 2.5-6L	1/4	6.4	12.0	27.2	11.0			
CFI 2.5-8	5/16	8.4	14.0	29.0	12.5			
CFI 4-6-3.5	#6	3.7	8.3	25.2	7.5			Yellow
CFI 4-6-4S	#8	4.3	8.3	25.2	7.5			
CFI 4-6-4L	#8	4.3	9.0	25.2	7.5			
CFI 4-6-5	#10	5.3	9.0	25.2	7.5	13.0	6.7	
CFI 4-6-6S	1/4	6.4	9.0	25.2	7.5			
CFI 4-6-6L	1/4	6.4	12.0	31.2	12.0			
CFI 4-6-8	5/16	8.4	14.0	30.0	11.5			



INSULATED CORD END SLEEVES

Material
 Insulation : Nylon
 Terminal : ETP Copper
 Finish : Tin Plated

Part No.	Dimension(mm)				Wire range		Available Colors			
	F	L	W	D	C	A.W.G	mm ²			
EFI 0505	5.0	11.0								
EFI 0506	6.0	12.0								
EFI 0508	8.0	14.0	2.6	1.3	1.0	22	0.5	White	Orange	White
EFI 0510	10.0	16.0								
EFI 0512	12.0	18.0								
EFI 7506	6.0	12.3								
EFI 7508	8.0	14.3								
EFI 7510	10.0	16.3	2.8	1.5	1.2	20	0.75	Blue	White	Gray
EFI 7512	12.0	18.3								
EFI 7518	18.0	24.3								
EFI 1006	6.0	12.3								
EFI 1008	8.0	14.3								
EFI 1010	10.0	16.3	3.0	1.7	1.4	18	1.0	Red	Yellow	Red
EFI 1012	12.0	18.3								
EFI 1018	18.0	24.3								
EFI 1508	8.0	14.3								
EFI 1510	10.0	16.3								
EFI 1512	12.0	18.3	3.5	2.0	1.7	16	1.5	Black	Red	Black
EFI 1515	15.0	21.3								
EFI 1518	18.0	21.3								
EFI 2508	8.0	15.4								
EFI 2510	10.0	17.4								
EFI 2512	12.0	19.4	4.0	2.6	2.3	14	2.5	Gray	Blue	Blue
EFI 2518	18.0	25.4								
EFI 2525	25.0	32.4								
EFI 4009	9.0	16.4								
EFI 4010	10.0	17.4	4.5	3.2	2.8	12	4.0	Orange	Gray	Gray
EFI 4012	12.0	19.4								
EFI 4018	18.0	25.4								
EFI 6012	12.0	20.5	6.0	3.9	3.5	12	6.0	Green	Black	Yellow
EFI 6018	18.0	26.5								
EFI 10-12	12.0	20.8	7.5	4.9	4.5	8	10	Brown	Ivory	Red
EFI 10-18	18.0	26.8								
EFI 16-12	12.0	22.0	8.7	6.2	5.8	6	16	Ivory	Green	Blue
EFI 16-18	18.0	28.0								
EFI 25-12	12.0	24.0								
EFI 25-16	16.0	28.0	11.0	7.9	7.5	4	25	Black	Brown	Yellow
EFI 25-18	18.0	30.0								
EFI 25-22	22.0	34.0								
EFI 35-16	16.0	30.0								
EFI 35-18	18.0	32.0	12.5	8.7	8.3	2	35	Red	Beige	Red
EFI 35-22	22.0	36.0								
EFI 35-25	25.0	39.0								
EFI 50-12	20.0	28.0	15.0	10.9	10.3	1/0	50	Blue	Olive	Blue
EFI 50-20	12.0	36.0								
EFI 70-20	20.0	37.0	16.0	14.3	13.5	2/0	70	Yellow	Yellow	Yellow
EFI 70-25	25.0	42.0								
EFI 70-27	27.0	44.0	18.5	15.6	14.8	3/0	95	Red	Red	Red
EFI 95-25	25.0	44.0								
EFI 120-27	27.0	47.6	20.3	17.7	16.7	4/0	120	Blue	Blue	Blue
EFI 120-32	32.0	52.6								
EFI 150-25	25.0	50.6	23.4	20.6	19.6	250/300 MCM	150	Yellow	Yellow	Yellow
EFI 150-27	27.0	52.6								
EFI 150-32	32.0	57.6								

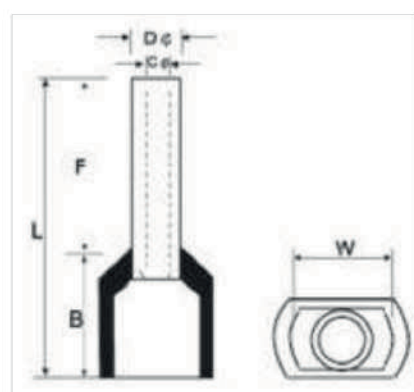




INSULATED TWIN TYPE CORD END SLEEVES

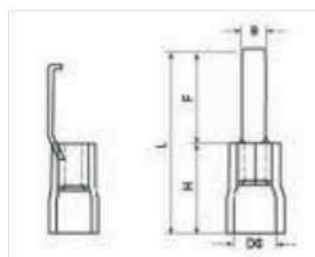
Material

Insulation : Nylon
Terminal : ETP Copper
Finish : Tin Plated



Part No.	Dimension(mm)						Wire range		Available Colors		
	F	L	W	B	D	C	A.W.G.	mm ²			
CFT 0508	8.0	14.5	5.0	6.5	1.8	1.5	2 X 22	2 X 0.5	White	Orange	White
CFT 7508	8.0	14.7	5.5	6.7	2.1	1.8	2 X 20	2 X 0.75	Blue	White	Grey
CFT 7510	10.0	16.7							Red	Yellow	Red
CFT 1008	8.0	15.1	5.5	7.1	2.3	2.0	2 X 18	2 X 10	Red	Yellow	Red
CFT 1010	10.0	17.1							Black	Red	Black
CFT 1508	8.0	15.5	6.4	7.5	2.6	2.3	2 X 16	2 X 15	Black	Red	Black
CFT 1510	10.0	17.5							Grey	Blue	Blue
CFT 1512	12.0	19.5							Orange	Grey	Grey
CFT 2510	10.0	18.5	8.0	8.5	3.3	2.9	2 X 14	2 X 2.5	Grey	Blue	Blue
CFT 2512	12.0	20.5							Green	Black	Yellow
CFT 2513	13.0	21.5							Brown	Ivory	Red
CFT 4012	12.0	23.1	8.8	11.1	4.2	3.8	2 X 12	2 X 4	Orange	Grey	Grey
CFT 6014	14.0	26.1	9.5	12.1	5.3	4.9	2 X 10	2 X 6	Green	Black	Yellow
CFT 10-14	14.0	26.6	12.6	12.6	6.9	6.5	2 X 8	2 X 10	Brown	Ivory	Red
CFT 16-14	14.0	31.3	19.0	17.3	8.7	8.6	2 X 6	2 X 16	Ivory	Green	Blue

INSULATED LIP BLADE TERMINALS



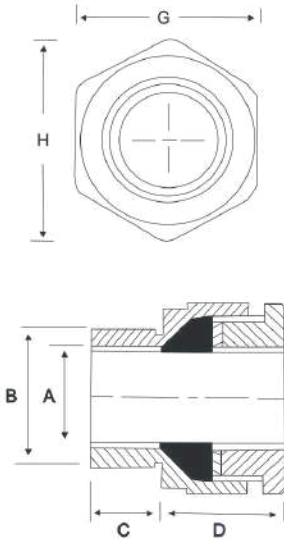
Material

Insulation : Flared PVC
Terminal : ETP Copper
Finish : Tin Plated

Part No.	Dimension(mm)					Color
	B	L	F	H	D	
PHI 1.5-3	3.0	26.8	16.7	10.0	4.3	Red
PHI 1.5-4.6	4.6	26.8	16.8			
PHI 2.5-3	3.0	26.8	16.8	10.0	4.9	Blue
PHI 2.5-4.6	4.6	26.8	16.8			
PHI 4-6-3	3.0	29.8	16.8	13.0	6.7	Yellow
PHI 4-6-1.6	4.6	29.8	16.8			



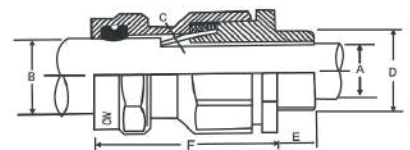
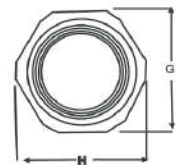
BRASS CABLE GLANDS A2 - TYPE



Cat No.	Ref.No.	Cable Diameters accommodated (mm)			Gland Dimensions (mm)				
		Overall Diameter A (mm)			ISO Entry Thread		Appx. Length From Shoulder	Hexagon Size	
		Min.	Max.	B	C	A/F(G)		A/C(H)	
CE9410	A2 20S	8.0	11.5	20	10	22	22.0	24.9	
CE9411	A2 20L	11.0	13.5	20	10	22	24.0	27.0	
CE9412	A2 25S	13.0	16.5	25	10	25	30.5	34.0	
CE9413	A2 25L	13.0	19.5	25	10	25	30.5	34.0	
CE9414	A2 32	19.0	25.5	32	15	25	37.6	42.2	
CE9415	A2 40S	25.0	32.0	40	15	33	46.0	51.0	
CE9416	A2 40L	25.0	32.0	40	15	33	46.0	51.0	
CE9417	A2 50S	31.5	37.0	50	15	30	56.4	61.5	
CE9418	A2 50L	36.5	43.0	50	15	30	56.4	61.5	
CE9419	A2 63S	42.5	50.0	63	15	34	70.1	77.2	
CE9420	A2 63L	49.5	55.0	63	15	32	75.0	83.0	
CE9421	A2 75S	54.5	61.0	75	15	32	80.0	87.4	
CE9422	A2 75L	60.5	67.0	75	15	40	85.0	95.0	
CE9423	A2 90	65.0	78.0	90	20	45	106.0	117.0	
CE9424	A2 100	75.0	88.0	100	20	45	115.0	126.0	

BRASS CABLE GLANDS CW - TYPE

Cat No.	Ref.No.	Cable Diameters Accommodated (mm)			Gland Dimension (mm)						
		Under Armour	Overall		Armour Wire Dia	ISO Entry Thread			Appx. Length From Shoulder	Hexagon Size	
			Max. A	Min. B		Max. B	C	D		E	F
CE9425	CW 20S	11.6	8.0	15.8	0.9/ 1.25	20	10	46	25.7	29.2	
CE9426	CW 20L	13.9	11.7	20.8	0.9/ 1.25	20	10	46	30.5	34.0	
CE9427	CW 25	19.9	17.0	27.2	1.25/ 1.6	25	10	51	37.6	42.2	
CE9428	CW 32	26.2	23.5	33.5	1.6/ 2.0	32	10	56	47.3	53.6	
CE9429	CW 40	32.1	29.0	39.9	1.6/ 2.0	40	15	59	56.4	61.5	
CE9430	CW 50	44.0	39.5	52.6	2.0/ 2.5	50	15	64	70.1	77.2	
CE9431	CW 63	55.9	51.3	65.3	2.5	63	15	67	80.0	87.4	
CE9432	CW 75	67.9	62.5	78.0	2.5	75	15	76	98.0	109.2	
CE9433	CW 85	74.0	68.0	88.0	3.15	85	20	110	98.8	126.0	





BRASS MALE / FEMALE ADAPTOR

Brass

Thread Sizes	Cat. No	Thread Sizes
20 x 25 mm	CE9473	3/4" x 1"
20 x 32 mm	CE9474	3/4" x 1.1/4"
25 x 32 mm	CE9475	1" x 1.1/4"
25 x 40 mm	CE9476	1.1/4" x 1.1/2"
25 x 40 mm	CE9477	1.1/2" x 2"
40 x 50 mm	CE9478	



BRASS MALE / FEMALE REDUCER

Brass



Thread Sizes	Cat. No	Thread Sizes
16 x 20 mm	CE9484	40 x 63 mm
20 x 25 mm	CE9485	50 x 63 mm
20 x 32 mm	CE9486	3/4" x 1"
25 x 32 mm	CE9487	3/4" x 1.1/4"
25 x 40 mm	CE9488	1" x 1.1/4"
32 x 40 mm	CE9489	1.1/2" x 2"
40 x 50 mm	CE9490	

BRASS MALE BUSH

Brass

Thread Sizes	Cat. No	Thread Sizes
16	CE9497	3/4"
20	CE9498	1"
25	CE9499	1.1/4"
32	CE9500	1.1/2"
40	CE9501	2"
50	CE9502	



BRASS END PLUG

Brass



Thread Sizes	Cat. No	Thread Sizes
16	CE9508	3/4"
20	CE9509	1"
25	CE9510	1.1/4"
32	CE9511	1.1/2"
40	CE9512	2"
50	CE9513	



BRASS FLEXIBLE CONDUIT FEMALE ADAPTOR

Brass

Conduit Sizes	Part No	Conduit Sizes	Part No
16	CE9519	3/4"	CE9526
20	CE9520	1"	CE9527
25	CE9521	1.1/4"	CE9528
32	CE9522	1.1/2"	CE929
40	CE9523	2	CE9530
50	CE9524		



BRASS FLEXIBLE CONDUIT FEMALE ADAPTOR (Along with Screw Tightening arrangement)

Brass



Conduit Sizes	Part No	Conduit Sizes	Part No
16	CE9531	3/4"	CE9537
20	CE9532	1"	CE9538
25	CE9533	1.1/4"	CE9539
32	CE9534	1.1/2"	CE9540
40	CE9535	2"	CE9541
50	CE9536		

BRASS LOCK NUT

Brass



NICKEL PLATED BRASS LOCK OUT

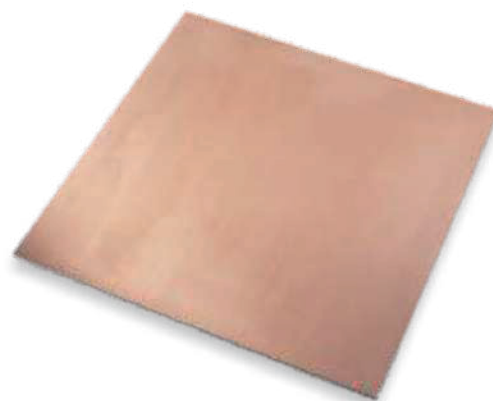
Brass Nickel / Chrome Plated



EARTH PLATE

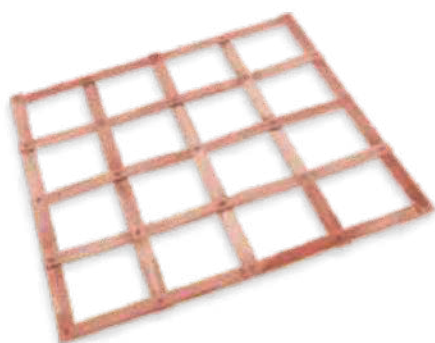
Copper BS 2874-C101/C103 and Copper Bonded on MS Plate

SOLID COPPER EARTH PLATES		COPPER BONDED EARTH PLATES
Size in MM	Cat. No.	Size in MM
500x500x1.5	CE9016	500x500x1.5
500x500x3	CE9017	500x500x3
600x600x1.5	CE9018	600x600x1.5
600x600x3	CE9019	600x600x3
900x900x1.5	CE9020	900x900x1.5
900x900x3	CE9021	900x900x3
1000x1000x1.5	CE9022	1000x1000x1.5
1000x1000x3	CE9023	1000x1000x3



EARTHING LATTICE

Copper BS EN 13601 with copper rivets



Lattice Size MM	Conductor Size MM	No. of Strips
500x500	25x3	5 x 5
600x600	25x3	5 x 5
900x900	25x3	5 x 5
900x900	50x6	7 x 7
1000x1000	25x3	5 x 5
1000x1000	50x6	7 x 7

CONCRETE EARTH PIT

Description	Weight
Concrete Inspection Pit	32 Kg.



COPPER EARTH BARS

Hard Drawn Copper BS 2874 C101/C103



No. of Holes	Length	Width	Thickness
5	300	31	6
7	300	31	6
5	225	31	6



U BOLT CLAMP - TYPE 'GUV'

Body - Gunmetal, U Bolt - Copper

BS EN 50164-1:2000 (12 Nm.)	
Earth Rod Diameter	Copper Tape Width
12 - 20	35 - 185
16 - 25	70 - 300



ROD TO CABLE AND TAPE CLAMP - TYPE 'GUT'

Body - Gunmetal, U Bolts - Copper

Earth Rod Diameter	Copper Type Width	Cable Range
14 - 25	50 - 185	25

ROD TO CABLE CLAMP - TYPE 'SCE'

Body - Gunmetal, U Bolt - Copper

BS EN 50164-1:2000 (12 Nm.)	
Earth Rod Diameter	Cable Range
12 - 20	35 - 185
16 - 25	70 - 300



U BOLT PIPE TO CABLE CLAMP - TYPE 'PUB'

Body - Gunmetal, U Bolt - Copper



BS EN 50164-1:2000 (12 Nm.)	
Pipe Size	Cable Range
1/2"	35-95
3/4"	35-95
1"	35-95
1 1/4"	35-95
1 1/2"	35-95
2"	35-95
2 1/2"	35-95
3"	35-95
4"	35-95
5"	35-95
6"	35-95

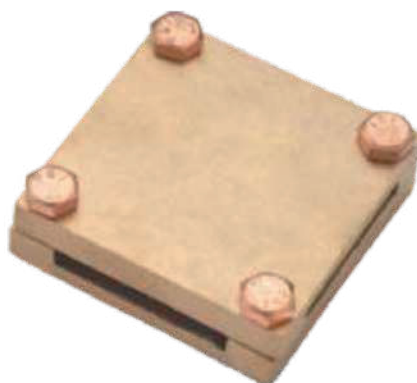


SQUARE TAPE CLAMP

Body - Gunmetal Screws - Naval Brass

BS EN 50164-1:2000 (5 Nm)

Copper Tape Size
25 x 3
25 x 6
30 x 2
31 x 3
31 x 6
38 x 3
38 x 6
50 x 3
50 x 6



OBLONG TEST OR JUNCTION CLAMP

Body - Gunmetal Bolts - Silicon Bronze, Phosphor Bronze, SS

BS EN 50164-1:2000 (13 Nm)



Copper Tape Size
25 x 3
25 x 6
31 x 3
31 x 6
38 x 3
38 x 6
50 x 3
50 x 6

HEAVY DUTY CAST CABLE SADDLE

Body - Gunmetal Screws - Naval Brass

BS EN 50164-1:2000 (5 Nm)

Cable Size
35 - 50
70 - 95
120



ONE HOLE CLIP

Copper

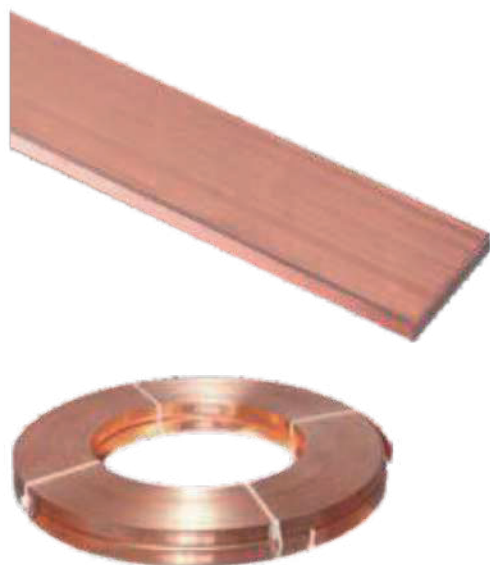
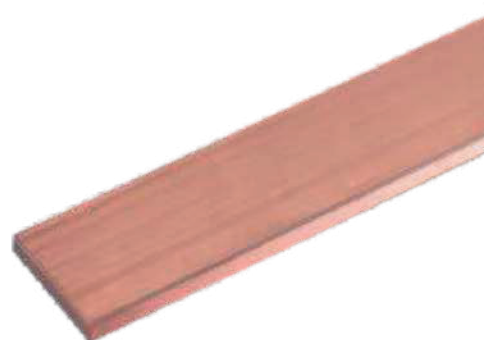
Copper Tape Size	Cat No
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	



HARD DRAWN COPPER BAR

Hard Drawn Oxygen Free Copper BS: 2874 C101 / C 103

Earth Rod Diameter
25 x 3
25 x 6
38 x 6
50 x 6
50 x 10
75 x 6
100 x 6



BARE COPPER TAPE

Oxygen Free Copper BS EN: 13601 (Before BS: 1432 C101 / C103)

Conductor Size
12.5 x 1.5
12.5 x 3
20 x 1.5
20 x 3
25 x 1.5
25 x 3
25 x 4
25 x 6
30 x 2
30 x 3
30 x 4
30 x 5

Conductor Size
31 x 3
31 x 6
38 x 3
38 x 5
38 x 6
40 x 3
40 x 4
40 x 5
40 x 6
50 x 3
50 x 4
50 x 6

PVC COVERED COPPER TAPE

Oxygen Free Copper BS EN: 13601 (Before BS: 1432 C101 / C103)

Conductor Size
25 x 3
25 x 6
50 x 3
50 x 6



TINNED COPPER TAPE

Tinned Oxygen Free Copper BS EN: 13601 (Before BS: 1432 C101 / C103)

Earth Rod Diameter
25 x 3
25 x 6
50 x 3
50 x 6



FLEXIBLE BRAIDED BONDS

High Conductivity Copper BS: 4109 C101

Hand Tightened			
mm ²	Fixing Hole Distance	Braid Size	Hole Size mm
4	105	6 x 1.5	6
70	150	25 x 3.5	12
70	200	25 x 3.5	12
70	300	25 x 3.5	12
70	400	25 x 3.5	12



EARTH CLAMPS

Ec14 SS Strip, Brass Terminal, Screw with Anodized Al Label
Ec15 SS Strip, Bronze Terminal, Screw with Anodized Al Label



Length	Size	Pipe Diameter
152	14-1	12 - 32
222	14-2	32 - 50
330	14-3	50 - 75
152	15-1	12 - 32
222	15-2	32 - 50
330	15-3	50 - 75

EARTH BARS AND DISCONNECTING LINKS

Bar - Hard Drawn Copper Bar BS: 1432 C101

Hardware - Silicon Bronze, Phosphor Bronze, Stainless Steel.

Mounting Channel - Powder Coated Mild Steel

Insulators - Reinforced Polyester.

Terminals	W	F	L (Link-0)	Cat. No.	L (Link-1)	Cat. No.	L (Link-2)
6	90	48	400	CE9137	475	CE9150	550
8	90	48	500	CE9138	575	CE9151	650
10	90	48	650	CE9139	725	CE9152	800
12	90	48	750	CE9140	825	CE9153	900
14	90	48	850	CE9141	925	CE9154	1000
16	90	48	950	CE9142	1025	CE9155	1100
18	90	48	1050	CE9143	1125	CE9156	1200
20	90	48	1200	CE9144	1275	CE9157	1350
22	90	48	1300	CE9145	1375	CE9158	1450
24	90	48	1400	CE9146	1475	CE9159	1550
26	90	48	1500	CE9147	1575	CE9160	1650
28	90	48	1650	CE9148	1725	CE9161	1800
30	90	48	1750	CE9149	1825	CE9162	1900

L	W	H
125	50	48

