

CERTIFIED COPPER LUGS

Material	: 99.9% OFHC copper & 99.9% tin plated - 5 microns
Operating Temperature	: Up to 155°C
Total Conductivity	: 99% IACS
Total Resistivity	: 1.741 micro-ohm cm
Suitability	: AC/DC applications
Rating	: Up to 30kV
Material Grade	: C11000 ETP grade copper
Oxygen Content	: 0.04% max.
Tensile Strength	: 255 MPA max.
Ductile Rating	: 45% min.
Palm Flatness Tolerance	: 0.1mm
General Metals	: 99.9% copper
Other Metals	: Lead, antimony
Compliance	: AS/NZS 4325:1995

**All dimensions in millimetres unless specified*

Part Numbers

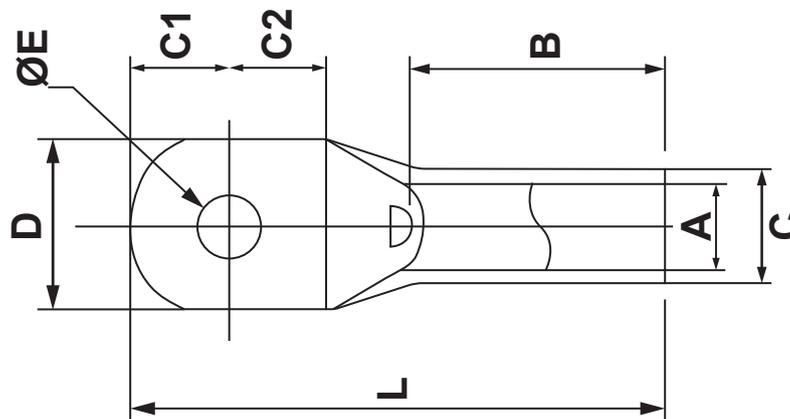
Tooling

CTL1.5 TO CTL10	KH8 / KH16	INDENT STYLE
CTL1.5 TO CTL10	HX16	HEX STYLE
CTL6 TO CTL16	HX16	HEX STYLE
CTL6 TO CTL50	HX50N	HEX STYLE
CTL10 TO CTL120	HX120N	HEX STYLE
CTL16 TO CTL400	KBCP13400	HEX STYLE
CTL240 TO CTL630	RCCK KIT	HEX STYLE

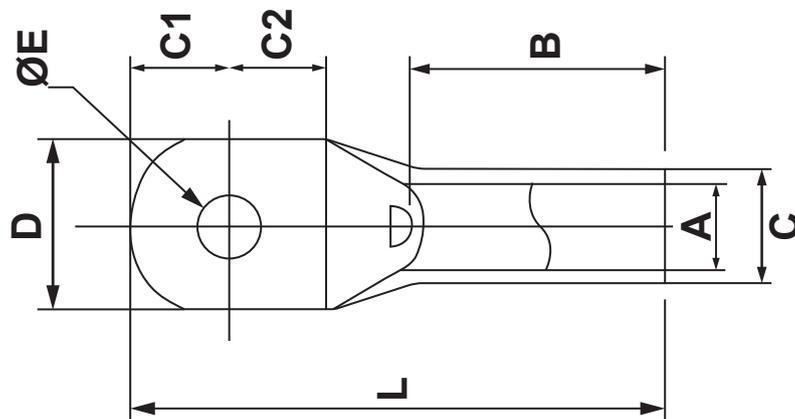
PRODUCT DATA SHEET



Part Number	Barrel Style	Barrel Length (B,±2.0)	Palm Width (D,±2.0)	Stud Dist. From Top (C1)	Stud Dist. From Barrel (C2)	Hole Size (E,±.25)	Barrel O.D. (C,±0.2)	Barrel I.D. (A,±0.2)	Total Length (L,±2.0)	Nominal Conductor	Inner Box Quantity
CTL1.5-5	Straight	5	10	4	5	5.2	3.7	1.8	16	1.5	2000
CTL1.5-6	Straight	5	10	5	6	6.2	3.7	1.8	18	1.5	2000
CTL2.5-4	Straight	7	8	4	5	4.2	4	2.4	20	2.5	1500
CTL2.5-5	Straight	7	9	4	5	5.2	4	2.4	18	2.5	1500
CTL2.5-6	Straight	7	10	5	6	6.4	4	2.4	20	2.5	1500
CTL2.5-8	Straight	7	11	7	8	8.4	4	3.1	24	2.5	1500
CTL4-5	Straight	7	9	5	6	5.2	4.8	3.1	20	4	1000
CTL4-6	Straight	7	10	5	6	6.4	4.8	3.1	20	4	1000
CTL4-8	Straight	7	12	6.5	8.5	8.4	4.8	3.1	24	4	1000
CTL4-10	Straight	9	13	7	9	10.5	5.5	3.1	28	4	1000
CTL6-5	Straight	9	10	5	6	5.4	5.5	3.8	23	6	1000
CTL6-6	Straight	9	10	5	6	6.4	5.5	3.8	23	6	1000
CTL6-8	Straight	9	12	6	9	8.4	5.5	3.8	27	6	1000
CTL6-10	Straight	9	16	9	11	10.5	6.2	3.8	32	6	800
CTL10-5	Flared	10	12	7	7	5.4	7.1	4.7	27	10	400
CTL10-6	Flared	10	12	7	7	6.4	7.1	4.7	27	10	400
CTL10-8	Flared	10	14	8	8	8.4	7.1	4.7	29	10	400
CTL10-10	Flared	10	15	9.5	9.5	10.5	7.1	4.7	32	10	400
CTL10-12	Flared	10	17	9.5	9.5	13	7.1	4.7	37	10	400
CTL16-6	Flared	19	11	7	7	6.4	7.9	5.5	37	16	250
CTL16-8	Flared	19	14	8	8	8.4	7.9	5.5	39	16	250
CTL16-10	Flared	19	15	9	9	10.5	7.9	5.5	41	16	250
CTL16-12	Flared	19	17	11.5	11.5	13	7.9	5.5	46	16	250
CTL25-6	Flared	22	14	8	8	6.4	9.5	7.1	42	25	200
CTL25-8	Flared	22	14	8	8	8.4	9.5	7.1	42	25	200
CTL25-10	Flared	22	15	9.5	9.5	10.5	9.5	7.1	45	25	200
CTL25-12	Flared	22	17	11.5	11.5	13	9.5	7.1	49	25	200



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CTL35-6	Flared	22	16	9	9	6.4	11.2	8.2	45	35	120
CTL35-8	Flared	22	16	9	9	8.4	11.2	8.2	45	35	120
CTL35-10	Flared	22	18	10	10	10.5	11.2	8.2	47	35	120
CTL35-12	Flared	22	20	12	12	13	11.2	8.2	51	35	120
CTL35-16	Flared	21	24	13	15	17	11.2	8.2	55	35	120
CTL50-6	Flared	22	18	10	10	6.4	12.8	9.5	48	50	100
CTL50-8	Flared	22	18	10	10	8.4	12.8	9.5	48	50	100
CTL50-10	Flared	22	18	10	10	10.5	12.8	9.5	48	50	100
CTL50-12	Flared	22	21	12	12	13	12.8	9.5	52	50	100
CTL50-16	Flared	22	20	14	14	17	12.8	9.5	56	50	100
CTL70	Flared	24	21	-	-	-	14.3	11.2	54	70	80
CTL70-6	Flared	24	21	12	12	6.4	14.3	11.2	54	70	80
CTL70-8	Flared	24	21	12	12	8.4	14.3	11.2	54	70	80
CTL70-10	Flared	24	21	12	12	10.5	14.3	11.2	54	70	80
CTL70-12	Flared	24	21	12	12	13	14.3	11.2	54	70	80
CTL70-16	Flared	24	28	16	18	17	14.3	11.2	64	70	80
CTL95-8	Flared	27	25	13	13	8.4	17.4	13.5	60	95	40
CTL95-10	Flared	27	25	13	13	10.5	17.4	13.5	60	95	40
CTL95-12	Flared	27	25	13	13	13	17.4	13.5	60	95	40
CTL95-16	Flared	27	33	13	13	17	17.4	13.5	62	95	40
CTL120-8	Flared	33	29	13	13	8.4	20.6	15.6	67	120	30
CTL120-10	Flared	33	29	13	13	10.5	20.6	15.6	67	120	30
CTL120-12	Flared	33	29	13	13	13	20.6	15.6	67	120	30
CTL120-16	Flared	33	29	16	16	17	20.6	15.6	73	120	30



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CTL150	Flared	33	32	-	-	-	22.5	16.7	74	150	20
CTL150-8	Flared	33	32	16	16	8.4	22.6	16.7	74	150	20
CTL150-10	Flared	33	32	16	16	10.5	22.5	16.7	74	150	20
CTL150-12	Flared	33	32	16	16	13	22.5	16.7	83	150	20
CTL150-16	Flared	33	32	20.5	20.5	17	22.5	16.7	83	150	20
CTL185	Flared	33	35	-	-	-	24.2	18.5	75	185	20
CTL185-10	Flared	33	35	16	16	10.5	24.2	18.5	75	185	20
CTL185-12	Flared	32	35	20.5	20.5	13	24.2	18.5	84	185	20
CTL185-16	Flared	32	35	20.5	20.5	17	24.2	18.5	85	185	20
CTL240	Flared	48	40	-	-	-	28.2	21.2	102	240	10
CTL240-10	Flared	48	40	21	21	10.5	28.2	21.2	102	240	10
CTL240-12	Flared	48	40	21	21	13	28.2	21.2	102	240	10
CTL240-16	Flared	48	40	21	21	17	28.2	21.2	102	240	10
CTL300	Flared	48	45	-	-	-	31.3	23.5	107	300	10
CTL300-10	Flared	48	45	23	23	10.5	31.3	23.5	107	300	10
CTL300-12	Flared	48	45	23	23	13	31.3	23.5	107	300	10
CTL300-16	Flared	48	45	23	23	17	31.3	23.5	107	300	10
CTL400	Flared	44	50	-	-	-	34.8	26.8	114	400	5
CTL400-10	Flared	44	50	26	26	10.5	34.8	26.8	114	400	5
CTL400-12	Flared	44	50	26	26	13	34.8	26.8	114	400	5
CTL400-16	Flared	44	50	26	26	17	34.8	26.8	114	400	5
CTL500	Flared	56	56	-	-	-	39.0	30	132	500	2
CTL500-12	Flared	56	56	28	28	13	39.0	30	132	500	2
CTL500-16	Flared	56	56	28	28	17	39.0	30	132	500	2
CTL630	Flared	56	65	-	-	-	45.0	34	134	630	2
CTL630-12	Flared	56	65	28	28	13	45.0	34	134	630	2
CTL630-16	Flared	56	65	28	28	17	45.0	34	134	630	2

