



COPPER LUGS STRAIGHT BARREL

SPECIFICATION SHEET: #UTALLP.01

SPECIFICATIONS:

Materials: Copper

Industrial term for material: Oxygen free high conductivity copper

Content: Copper **Content:** Tin (Surface)

Purity: 99.95% **Purity:** 99.99%

Oxygen Presence: 0.001% = 10ppm (parts per million)

Temperature Range: -55° - 155°C

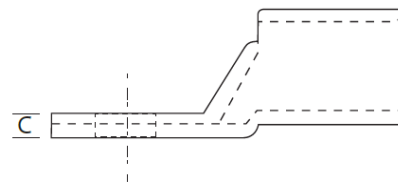
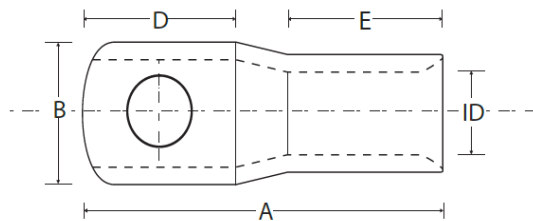
Final Metal State: Fully annealed

Standards and Compliance:

AS/NZ 4325:1; EN 60998-1:2004

Heat Cycling test to AS/NZS 4325.1 and IEC 61238-1-1

Mechanical Pulling test to AS-NZS 4325.1 and IEC 61238-1-1



Part Number	Cable Size	Stud Size	Dimensions (mm)						A/F Hex Die (mm)
			A	B	C	D	E	ID	
UTCLS 1.5-4	1.5mm ²	4	18.5	8	1	9	7.5	1.8	-
UTCLS 1.5-5	1.5mm ²	5	18.5	8	1	9	7.5	1.8	-
UTCLS 1.5-6	1.5mm ²	6	19.5	10	0.8	10	7.5	1.8	-
UTCLS 2.5-4	2.5mm ²	4	19	8	1	9	8	2.4	-
UTCLS 2.5-5	2.5mm ²	5	20	10	0.8	11	8	2.4	-
UTCLS 2.5-6	2.5mm ²	6	20	10	0.8	11	8	2.4	-
UTCLS 2.5-8	2.5mm ²	8	26	11	0.7	15	8	2.4	-
UTCLS 4-5	1.5mm ²	4	22	10	1	11	9	3.1	-



Part Number	Cable Size	Stud Size	Dimensions (mm)						A/F Hex Die (mm)
			A	B	C	D	E	ID	
UTCLS 4-6	4mm ²	6	22	10	1	11	9	3.1	-
UTCLS 4-8	4mm ²	8	26	12	0.8	15	9	3.1	-
UTCLS 4-10	4mm ²	10	32	15	0.8	19	9	3.1	-
UTCLS 6-5	6mm ²	5	23	10	1.2	11	10	3.8	4.4
UTCLS 6-6	6mm ²	6	27	12	1	15	10	3.8	4.4
UTCLS 6-8	6mm ²	8	27	12	1	15	10	3.8	4.4
UTCLS 6-10	6mm ²	10	32	15	0.8	19	10	3.8	4.4
UTCLS 10-5	10mm ²	5	27	12	1.8	13	10	4.7	5.7
UTCLS 10-6	10mm ²	6	27	12	1.8	13	10	4.7	5.7
UTCLS 10-8	10mm ²	8	29	14	1.6	15	10	4.7	5.7
UTCLS 10-10	10mm ²	10	32	15	1.5	18	10	4.7	5.7
UTCLS 10-12	10mm ²	12	38	18	1	22	10	4.7	5.7
UTCLS 16-6	16mm ²	6	39	11	2.4	16	19	5.5	6.3
UTCLS 16-8	16mm ²	8	39	14	1.7	16	19	5.5	6.3
UTCLS 16-10	16mm ²	10	41	16	1.5	18	19	5.5	6.3
UTCLS 16-12	16mm ²	12	46	18	1.2	23	19	5.5	6.3
UTCLS 25-6	25mm ²	6	41	13.5	2.4	16	21	7.1	7.7
UTCLS 25-8	25mm ²	8	41	13.5	2.4	16	21	7.1	7.7
UTCLS 25-10	25mm ²	10	44	16	1.9	19	21	7.1	7.7
UTCLS 25-12	25mm ²	12	48	18	1.6	23	21	7.1	7.7
UTCLS 35-6	35mm ²	6	45	16	3	19	21	8.2	9.2
UTCLS 35-8	35mm ²	8	45	16	3	19	21	8.2	9.2
UTCLS 35-10	35mm ²	10	45	18	2.6	19	21	8.2	9.2
UTCLS 35-12	35mm ²	12	51	20	2.2	24	22	8.2	9.2
UTCLS 50-8	50mm ²	8	46	18	3.3	18	22	9.5	10.4
UTCLS 50-10	50mm ²	10	46	18	3.3	18	22	9.5	10.4
UTCLS 50-12	50mm ²	12	52	21	2.7	24	22	9.5	10.4
UTCLS 70-8	70mm ²	8	54	21	3.5	24	24	11.2	11.5



Part Number	Cable Size	Stud Size	Dimensions (mm)					A/F Hex Die (mm)	
			A	B	C	D	E		ID
UTCLS 70-10	70mm ²	10	54	21	3.5	24	24	11.2	11.5
UTCLS 70-12	70mm ²	12	54	21	3.5	24	24	11.2	11.5
UTCLS 95-8	95mm ²	8	60	25	4	26	27	13.4	14.2
UTCLS 95-10	95mm ²	10	60	25	4	26	27	13.4	14.2
UTCLS 95-12	95mm ²	12	60	25	4	26	27	13.4	14.2
UTCLS 120-8	120mm ²	8	64	30	5	26	30	15.6	16.5
UTCLS 120-10	120mm ²	10	64	30	5	26	30	15.6	16.5
UTCLS 120-12	120mm ²	12	64	30	5	26	30	15.6	16.5
UTCLS 120-16	120mm ²	16	72	30	5	32	30	15.6	16.5
UTCLS 150-8	150mm ²	8	71	32	5.8	32	30	16.7	18.3
UTCLS 150-10	150mm ²	10	71	32	5.8	32	30	16.7	18.3
UTCLS 150-12	150mm ²	12	75	32	5.8	36	30	16.7	18.3
UTCLS 150-16	150mm ²	16	75	32	5.8	36	30	16.7	18.3
UTCLS 185-10	185mm ²	10	74	36	5.8	32	32	18.4	20
UTCLS 185-12	185mm ²	12	79	36	5.8	36	32	18.4	20
UTCLS 185-16	185mm ²	16	79	36	5.8	36	32	18.4	20
UTCLS 185-0	185mm ²	blank	79	38	5.8	41	32	18.4	20
UTCLS 240-10	240mm ²	10	92	41	7	42	38	21.2	23.1
UTCLS 240-12	240mm ²	12	92	41	7	42	38	21.2	23.1
UTCLS 240-16	240mm ²	16	92	41	7	42	38	21.2	23.1
UTCLS 240-0	240mm ²	blank	92	41	7	42	38	21.2	23.1
UTCLS 300-10	300mm ²	10	101	46	7.8	46	42	23.5	26
UTCLS 300-12	300mm ²	12	101	46	7.8	46	42	23.5	26
UTCLS 300-16	300mm ²	16	101	46	7.8	46	42	23.5	26
UTCLS 300-0	300mm ²	blank	101	46	7.8	46	42	23.5	26
UTCLS 400-10	400mm ²	10	107	50	8	48	44	26.8	28.1
UTCLS 400-12	400mm ²	12	107	50	8	48	44	26.8	28.1
UTCLS 400-16	400mm ²	16	107	50	8	48	44	26.8	28.1



Part Number	Cable Size	Stud Size	Dimensions (mm)						A/F Hex Die (mm)
			A	B	C	D	E	ID	
UTCLS 400-0	400mm ²	blank	107	50	8	48	44	26.8	28.1
UTCLS 500-12	500mm ²	12	119	56	9	55	50	30.0	31
UTCLS 500-16	500mm ²	16	119	56	9	55	50	30.0	31
UTCLS 500-20	500mm ²	20	119	56	9	55	50	30.0	31
UTCLS 500-0	500mm ²	blank	119	56	9	55	50	30.0	31
UTCLS 630-12	630mm ²	12	139	64.4	11	64	58	34.0	37
UTCLS 630-16	630mm ²	16	139	64.4	11	64	58	34.0	37
UTCLS 630-20	630mm ²	20	139	64.4	11	64	58	34.0	37
UTCLS 630-0	630mm ²	blank	139	64.4	11	64	58	34.0	37

