

HellermanTyton Copper Compression Lugs and Links

Termination connectors to suit copper conductors



HellermannTyton is one of the leading suppliers of products for terminating, fastening, fixing, identifying and protecting cables and their connecting components.

Offering a complete range of copper termination connectors to suit copper conductors, HellermannTyton copper lugs and links comply with standard AS/NZS4325 Part 1:1995 as well as international standards.

HellermannTyton copper compression lugs and links are manufactured from fully annealed, electrolytic tough pitch copper (grade C11000, 99.25% pure), with oxygen content less than 30 ppm.

The tinned surface is 5-10 μm thickness electroplated, 99.9% purity.

Operating temperature range is -55°C to $+155^{\circ}\text{C}$ and tensile strength at least 205 MPa.

Lugs are available up to 630 mm^2 and links up to 300 mm^2 . Heavy duty lugs are also available.

For fine-stranded copper conductors, bell mouth lugs up to 240 mm^2 and narrow-palm circuit breaker bell mouth lugs up to 500 mm^2 are provided with an inspection window, providing visible assurance of crimping efficacy.

Product Data Sheet

Copper Compression Lugs and Links

Copper Lugs

Hamer Code	Conductor size (mm²)	Stranding metric	Stud (mm)	ID size (mm)	Palm width (mm)	Barrel length (mm)	Full length (mm)	A/F hex (mm)	Pack qty
HTCL255	2.5	7/0.67	M5	2.4	10	8	21		100
HTCL256			M6		12		26		
HTCL258			M8		12		26		
HTCL45	4	7/0.85	M5	3.1	10	9	22		100
HTCL46			M6		12		27		
HTCL48			M8		12		27		
HTCL65	6	7/1.04	M5	3.8	10	9	23	4.4	100
HTCL66			M6		12		27		
HTCL68			M8		15	10	28		
HTCL610			M10		15		32		
HTCL106	10	7/1.35	M6	4.7	12	10	27	5.7	100
HTCL108			M8		14		29		
HTCL1010			M10		15		32		
HTCL1012			M12		18	11	38		
HTCL166	16	7/1.70	M6	5.5	11	19	39	6.3	50
HTCL168			M8		14		41		
HTCL1610			M10		16		41		
HTCL1612			M12		18		46		
HTCL256	25	19/1.35	M6	7.1	13.5	21	41	7.7	50
HTCL258			M8		16		44		
HTCL2510			M10		18		48		
HTCL2512			M12		18		48		
HTCL356	35	19/1.53	M6	8.4	16	21	45	9.2	50
HTCL358			M8		18		51		
HTCL3510			M10		20	22	51		
HTCL3512			M12		20	22	51		
HTCL506	50	19/1.78	M6	9.5	18	22	46	10.4	50
HTCL508			M8		21		54		
HTCL5010			M10		21		54		
HTCL5012			M12		21		54		
HTCL706	70	19/2.14	M6	11.3	21	24	54	11.5	25
HTCL708			M8		21		54		
HTCL7010			M10		21		54		
HTCL7012			M12		21		54		
HTCL958	95	37/1.78	M8	13.5	25	27	60	14.2	25
HTCL9510			M10		25		64		
HTCL9512			M12		25		64		
HTCL9516			M16		25		64		
HTCL1208	120	37/2.03	M8	15.6	30	30	64	16.5	25
HTCL12010			M10		30		72		
HTCL12012			M12		30		71		
HTCL12016			M16		30		71		
HTCL15010	150	37/2.25	M10	16.7	32	30	75	18.3	10
HTCL15012			M12		32		75		
HTCL15016			M16		32		75		
HTCL18510	185	37/2.52	M10	18.4	36	32	74	20	10
HTCL18512			M12		36	32	79		
HTCL18516			M16		36	32	79		
HTCL24010	240	61/2.25	M10	21.2	41	38	92	23.1	1
HTCL24012			M12		41	38	92		
HTCL24016			M16		41	38	92		
HTCL30010	300	61/2.52	M10	23.8	46	42	101	26	1
HTCL30012			M12		46	42	101		
HTCL40012	400	61/2.85	M12	26.8	50	44	114	28.1	1
HTCL50012	500	61/3.20	M12	30	56	50	119	31	1
HTCL63012	630	127/2.52	M12	34	64.4	58	139	37	1

Product Data Sheet

Copper Compression Lugs and Links

Bell Mouth Lugs

Hamer Code	Conductor size (mm ²)	Stranding metric	Stud (mm)	ID size (mm)	Palm width (mm)	Barrel length (mm)	Full length (mm)	A/F hex (mm)	Pack qty
HTCL106BM	10	80 x 0.41	M6	4.7	12	10	27	5.7	100
HTCL108BM			M8		14		29		
HTCL1010BM			M10		15		32		
HTCL1012BM			M12		18	11	38		
HTCL166BM	16	128 x 0.41	M6	5.5	11	19	39	6.3	50
HTCL168BM			M8		14		41		
HTCL1610BM			M10		16		46		
HTCL1612BM			M12		18		46		
HTCL256BM	25	200 x 0.41	M6	7.1	13.5	21	41	7.7	50
HTCL258BM			M8		16		44		
HTCL2510BM			M10		18		46		
HTCL2512BM			M12		20		51		
HTCL356BM	35	280 x 0.41	M6	8.4	16	21	45	9.2	50
HTCL358BM			M8		18		54		
HTCL3510BM			M10		20		54		
HTCL3512BM			M12		21	22	54		
HTCL506BM	50	400 x 0.41	M6	9.5	18	22	46	10.4	50
HTCL508BM			M8		21		54		
HTCL5010BM			M10		25		60		
HTCL5012BM			M12		30		64		
HTCL706BM	70	356 x 0.51	M6	11.3	21	24	54	11.5	25
HTCL708BM			M8		25		60		
HTCL7010BM			M10		32		71		
HTCL7012BM			M12		36		74		
HTCL958BM	95	485 x 0.51	M8	13.5	25	27	60	14.2	25
HTCL9510BM			M10		30		64		
HTCL9512BM			M12		32		75		
HTCL12010BM	120	614 x 0.51	M10	15.6	30	30	64	16.5	25
HTCL12012BM			M12		32		75		
HTCL15010BM	150	765 x 0.51	M10	16.7	32	30	71	18.3	10
HTCL15012BM			M12		36		74		
HTCL18510BM	185	944 x 0.51	M10	18.4	36	32	74	20	10
HTCL18512BM			M12		41		79		
HTCL24010BM	240	1225 x 0.51	M10	21.2	41	38	92	23.1	10
HTCL24012BM			M12						

Product Data Sheet

Copper Compression Lugs and Links

Circuit Breaker Bell Mouth Lugs Narrow Palm

Hamer Code	Conductor size (mm ²)	Stranding metric	Stud (mm)	ID size (mm)	Palm width (mm)	Barrel length (mm)	Full length (mm)	A/F hex (mm)	Pack qty
HTCLB356	35	280 x 0.41	M6	8.4	11.5	21	41	9.2	25
HTCLB506	50	400 x 0.41	M6	9.5	12.8	22	43	10.4	25
HTCLB5010			M10				49		
HTCLB706	70	356 x 0.51	M6	11.3	14.6	24	45	11.5	25
HTCLB7010			M10				51		
HTCLB958	95	485 x 0.51	M8	13.5	17.4	27	51	14.2	25
HTCLB9510			M10				55		
HTCLB1208	120	614 x 0.51	M8	15.6	20.6	30	61	16.5	10
HTCLB12010			M10				61		
HTCLB15010	150	765 x 0.51	M10	16.7	22.2	30	66	18.3	10
HTCLB18510	185	944 x 0.51	M10	18.4	24.5	32	74	20	10
HTCLB24010	240	1225 x 0.51	M10	21.2	31	38	82	23.1	1
HTCLB24012			M12				82		
HTCLB30010	300	1530 x 0.51	M10	23.8	31	42	87	26	1
HTCLB30012			M12				87		

Copper Crimp Links

Hamer Code	Conductor size (mm ²)	Stranding metric	Stud (mm)	ID size (mm)	Palm width (mm)	Barrel length (mm)
HTCS15	1.5	1/0.80	1.8	22		100
HTCS25	2.5	7/0.67	2.4	22		100
HTCS4	4	7/0.85	3.1	22		50
HTCS6	6	7/1.04	3.8	22	4.4	50
HTCS10	10	7/1.35	4.7	22	5.7	50
HTCS16	16	7/1.70	5.5	44	6.3	50
HTCS25	25	19/1.35	7.1	47	7.7	50
HTCS35	35	19/1.53	8.4	47	9.2	25
HTCS50	50	19/1.78	9.5	47	10.4	25
HTCS70	70	19/2.14	11.2	50	11.5	20
HTCS95	95	37/1.78	13.4	54	14.2	20
HTCS120	120	37/2.03	15.6	60	16.5	20
HTCS150	150	37/2.25	16.7	65	18.3	20
HTCS185	185	37/2.52	18.4	65	20	20
HTCS240	240	61/2.25	21.2	91	23.1	10
HTCS300	300	61/2.52	23.8	90	26	1

Notes

Heavy duty lugs are also available.