

UTILUX BI-METAL CRIMP LUGS BG TYPE

KEY FEATURES

- For aluminium to copper terminations
- Friction welded
- Manufactured from high purity copper and aluminium rod
- Stepped barrel OD sizes across all bi-metal allows rationalisation of die inventory
- Pre-filled with jointing compound

Utilux is a brand that has built an enviable reputation for high quality, reliable electrical connectors. For over 90 years, this dynamic Australian brand has been a leader in the field of interconnection systems.

Our aim is to provide the best possible products and services to keep our customers at the cutting edge of industry standards - internationally.

You can be sure that Utilux branded products are fabricated from the finest materials and produced to exacting tolerances. They represent the latest technology and the best design for the tasks they are required to perform.

Utilux is a leading brand of electrical connectors sold to original equipment manufacturers and electrical distribution companies throughout Australia, New Zealand and Asia. A comprehensive range, the most up to date production technology and the highest quality control standards ensure that there are Utilux connectors, of optimum reliability and durability, for all major power distribution applications.

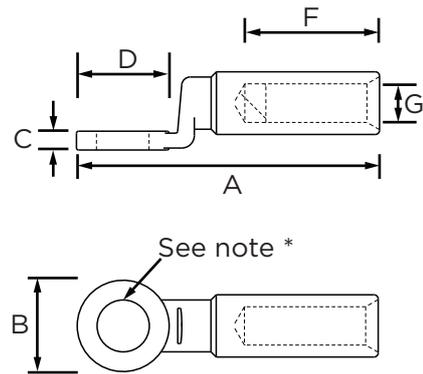
As part of the worlds largest electrical connector company, TE Connectivity, the development of products is an ongoing commitment. It is done on a global basis, utilising the talents of many people throughout the organisation to ensure a global product for a local market.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

UTILUX BI-METAL CRIMP LUGS



Copper to aluminium terminations can be made with the Utilux range of Bi-Metal products. Under normal conditions, when copper comes into contact with aluminium electrolytic corrosion may result, enhanced by the presence of oxygen. Utilux Bi-metal lugs have the copper friction welded to the aluminium. The friction welding process eliminates the presence of oxygen and therefore eliminates electrolytic corrosion. The welding process also maximises the strength of the joint.



PRODUCT SELECTION INFORMATION

Catalogue Number	Conductor Area (mm ²)	Conductor Stranding	Stud Size	Dimensions (mm)						Crimping Die
				A	B	C	D	F	G	
BG16MB	16	7/1.70	MB	72	22	4.5	22	32	5.5	38-90AL
BG16M10	16	7/1.70	M10	72	22	4.5	22	32	5.5	38-90AL
BG25MB	25	19/1.35	MB	72	22	4.5	22	32	7.0	38-90AL
BG25M8	25	19/1.35	M8	72	22	4.5	22	32	7.0	38-90AL
BG25M10	25	19/1.35	M10	72	22	4.5	22	32	7.0	38-90AL
BG30M12X01	30		M12	72	22	4.5	22	32	8.0	38-132AL
BG35MB	35	19/1.53	MB	72	22	4.5	22	32	8.2	38-132AL
BG35M8	35	19/1.53	M8	72	22	4.5	22	32	8.2	38-132AL
BG35M10	35	19/1.53	M10	72	22	4.5	22	32	8.2	38-132AL
BG35M12	35	19/1.53	M12	72	22	4.5	22	32	8.2	38-132AL
BG35M16	35	19/1.53	M16	72	22	4.5	22	32	8.2	38-132AL
BG40ETM12	40		M12	72	22	4.5	22	32	9.0	38-132AL
BG40M12X01	40		M12	72	22	4.5	22	32	.09	38-140AL
BG50MB	50	19/1.78	MB	72	22	4.5	22	32	9.5	38-132AL
BG50M8	50	19/1.78	M8	72	22	4.5	22	32	9.5	38-132AL
BG50M10	50	19/1.78	M10	72	22	4.5	22	32	9.5	38-132AL
BG50M12	50	19/1.78	M12	72	22	4.5	22	32	9.5	38-132AL
BG70MB	70	19/2.14	MB	72	22	4.5	22	32	11.0	38-132AL
BG70M10	70	19/2.14	M10	72	22	4.5	22	32	11.0	38-132AL
BG70M12	70	19/2.14	M12	72	22	4.5	22	32	11.0	38-132AL
BG75M12	75		M12	116	30	6	30	60	12.0	38-173AL, 40-172AL
BG80M12X01	80		M12	116	30	6	30	60	12.0	38-220AL, 40-220AL
BG95MB	95	37/1.78	MB	116	30	6	30	60	13.0	38-173AL, 40-172AL
BG95M10	95	37/1.78	M10	116	30	6	30	60	13.0	38-173AL, 40-172AL
BG95M12	95	37/1.78	M12	116	30	6	30	60	13.0	38-173AL, 40-172AL
BG95M12X03	95	37/1.78	M12	116	30	6	30	60	13.0	38-173AL, 40-172AL
BG120MB	120	37/2.03	MB	116	30	6	30	60	15.0	38-173AL, 40-172AL
BG120M12	120	37/2.03	M12	116	30	6	30	60	15.0	38-173AL, 40-172AL
BG120M16	120	37/2.03	M16	116	30	6	30	60	15.0	38-173AL, 40-172AL
BG150MB	150	37/2.25	MB	122	35	7	35	60	16.5	38-220AL, 40-220AL
BG150M10	150	37/2.25	M10	122	35	7	35	60	16.5	38-220AL, 40-220AL
BG150M12	150	37/2.25	M12	122	35	7	35	60	16.5	38-220AL, 40-220AL
BG150ETM12	150	37/2.25	M12	122	35	7	35	60	16.5	38-220AL, 40-220AL
BG150M16	150	37/2.25	M16	122	35	7	35	60	16.5	38-220AL, 40-220AL
BG180M12	180		M12	122	35	7	35	60	18.0	38-231AL, 40-231AL

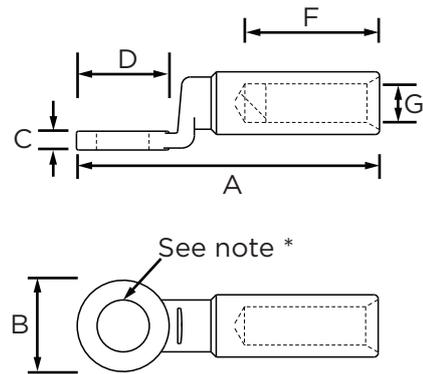
ET - Electro tinned finish

Stud size MB means blank palm

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PRODUCT SELECTION INFORMATION

Catalogue Number	Conductor Area (mm ²)	Conductor Stranding	Stud Size	Dimensions (mm)						Crimping Die
				A	B	C	D	F	G	
BG185MB	185	37/2.52	MB	122	35	7	35	60	18.5	38-220AL, 40-220AL
BG185M10	185	37/2.52	M10	122	35	7	35	60	18.5	38-220AL, 40-220AL
BG185M12	185	37/2.52	M12	122	35	7	35	60	18.5	38-220AL, 40-220AL
BG185M16	185	37/2.52	M16	122	35	7	35	60	18.5	38-220AL, 40-220AL
BG210M12	210		M12	122	35	7	35	60	19.5	38-250AL, 40-250AL
BG240MB	240	61/2.25	MB	122	35	7	35	60	21.0	38-284AL, 40-283AL
BG240M10	240	61/2.25	M10	122	35	7	35	60	21.0	38-284AL, 40-283AL
BG240M12	240	61/2.25	M12	122	35	7	35	60	21.0	38-284AL, 40-283AL
BG240M16	240	61/2.25	M16	122	35	7	35	60	21.0	38-284AL, 40-283AL
BG258M12	258		M12	122	35	7	35	60	22.2	38-284AL, 40-283AL
BG300MB	300	61/2.52	MB	122	35	7	35	60	23.5	38-284AL, 40-283AL
BG300M12	300	61/2.52	M12	122	35	7	35	60	23.5	38-284AL, 40-283AL
BG300M12X01	300	61/2.52	M12	122	35	7	35	60	24.7	38-284AL, 40-283AL
BG300M16	300	61/2.52	M16	122	35	7	35	60	23.5	38-284AL, 40-283AL
BG400MB	400	61/2.85	MB	160	50	10	50	70	26.5	40-390AL
BG400M16X01	400	61/2.85	M16	160	50	10	50	70	26.5	40-390AL
BG500MB	500	61/3.20	MB	160	50	10	50	70	29.5	40-390AL
BG630MB	630	127/2.52	MB	175	60	10	60	70	33.5	40-432AL
BG630M12	630	127/2.52	M12	175	60	10	60	70	33.5	40-432AL
BG800MB	800	127/2.85	MB	221	60	10	60	115	39.0	40-432AL

ET - Electro tinned finish

Lugs 400mm² and above have square palms

Stud size MB means blank palm

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