

BI-METAL STALK LUGS

For stranded sector and circular stranded aluminium cable.

CABAC bi-metal stalk lugs are friction welded from the highest quality aluminium (99.6% pure) and copper (99.9% pure). The barrels are coated with jointing compound, and the lugs are individually packed in plastic bags.

A full range of sizes are available however, virtually any stalk can be machined to order at short notice. The lugs are made to Australian dimensions and can be crimped with standard Australian tooling.

FEATURES

- Stalk lugs are generally used to attach Aluminium cable to a Copper overhead conductor
- Suitable for electrical equipment with clamp terminals
- Crimped with CABAC/MSS Power standard tooling and Aluminium dies
- The first digits after BS indicate conductor size
- The last digits after / indicate diameter of the stalk

COMPLIANCE AND SAFETY

- AS/NZS4325 Part 1; IEC France, DIN/VDE Germany, JIS Japan, BS United Kingdom
- Accepting Authorities: Electricity Services Victoria, Energy Australia, Energex, Western Power and many other recognised Authorities

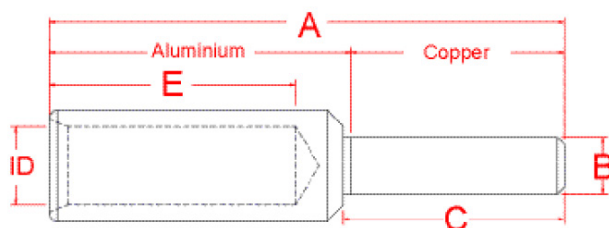
TECHNICAL INFORMATION

	DESCRIPTION
Conductive Material	Aluminium Sleeve 99.6% pure Copper Palm 99.95% pure Tensile Strength 110 MPa Ductile Rating 28% Final Metal State Fully Annealed (inc. joint) Joining Method Friction Welding (IEC Std)
Operating Temperature	-40°C to +125°C
Electrical Properties	Resistivity 2.6 micro-ohm cm (max): aluminium, 1.738 micro-ohm cm: copper Conductivity 61.8% IACS (min): aluminium, 99.7% IACS: copper



In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

BI-METAL STALK LUGS



SPECIFICATIONS AND ORDERING INFORMATION

Part No.	Nominal Conductor (mm ²)	Stranding No.	ID Size	A (mm)	B (mm)	C (mm)	E (mm)	Aluminium Crimp Die	A/F Hex Die (mm)	No. Crimps	Unit	Qty
BS6/12	6	7/1.04	3.5	70	12	28	32	HT-6/35AL	9	1	EA	1
BS10/12	10	7/1.35	4.5	70	12	28	32	HT-6/35AL	9	1	EA	1
BS16/12	16	7/1.70	5.5	70	12	28	32	HT-6/35AL	9	1	EA	1
BS25/6	25	19/1.35	7.5	70	6	28	32	HT-6/35AL	9	1	EA	1
BS25/12	25	19/1.35	7.5	70	12	28	32	HT-6/35AL	9	1	EA	1
BS35/12	35	19/1.53	8.5	70	12	28	32	HT-6/35AL	9	1	EA	1
BS50/12	50	19/1.78	9.5	70	12	28	32	HT-50/70AL	13.2	1	EA	1
BS70/12	70	19/2.14	11.5	70	12	28	32	HT-50/70AL	13.2	1	EA	1
BS95/12	95	37/1.78	13.5	110	12	37	60	HT-95/120AL	17.3	2	EA	1
BS120/12	120	37/2.03	15.5	110	12	37	60	HT-95/120AL	17.3	2	EA	1
BS120/14	120	37/2.03	15.5	110	14	37	60	HT-95/120AL	17.3	2	EA	1
BS150/12	150	37/2.25	16.5	120	12	45	60	HT-150/185AL	22	2	EA	1
BS150/14	150	37/2.25	16.5	120	14	45	60	HT-150/185AL	22	2	EA	1
BS185/16	185	37/2.52	18.5	120	16	45	60	HT-150/185AL	22	2	EA	1
BS185/18	185	37/2.52	18.5	120	18	45	60	HT-150/185AL	22	2	EA	1
BS240/16	240	61/2.25	22	120	16	45	60	HT-240/300AL	28.4	2	EA	1
BS240/18	240	61/2.25	22	120	18	45	60	HT-240/300AL	28.4	2	EA	1
BS300/16	300	61/2.52	23.5	120	16	45	60	HT-240/300AL	28.4	2	EA	1
BS300/18	300	61/2.52	23.5	120	18	45	60	HT-240/300AL	28.4	2	EA	1
BS400/18	400	61/2.85	26.5	155	18	65	70	ECW-H3D4/500AL	39	2	EA	1
BS400/20	400	61/2.85	26.5	155	20	65	70	ECW-H3D4/500AL	39	2	EA	1
BS500/18	500	61/3.20	30	155	18	65	70	ECW-H3D4/500AL	39	2	EA	1
BS500/20	500	61/3.20	30	155	20	65	70	ECW-H3D4/500AL	39	2	EA	1
BS630/20	630	127/2.52	34	160	20	65	70	RHU520-800	43.2	2	EA	1

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.