

# Copper Reducing Links

## Reducing Links

CABAC is able to produce any Copper Reducing Link you may require. Our standard metric product range is shown in the chart adjacent. CABAC can however produce any link, imperial, metric or any combination.

These links are a barrier type, so they can be used in any situation where an impermeable barrier to oils or water is required. Do not crimp close to the centre barrier or the link may shear.

CABAC manufacturing can produce links on a same day basis should you require, and has state of the art CNC machines to produce large quantities in a short time.

Should you require a special link, please photocopy and fill in the proforma drawing on page C3, and fill in as much detail as possible, and fax to our sales department to reduce the possibility of errors. CABAC will design your link at no charge. Note that specially manufactured items are NOT returnable.

These links and any special links are designed to be crimped with standard Australian tooling, using standard hex dies. See our standard copper lug range for die selection or the tables on page C14 & C15.

Note:

- See page C3 for ordering of special links.
- Take care when ordering made to order products, as they are non-returnable.
- Do not crimp close to the centre barrier or the links may shear.

### Technical Data

#### Conductive Material

Copper	99.95% pure
Oxygen Content	30 ppm max
Tensile Strength	200 MPa
Ductile Rating	40%
Final Metal State	Fully Annealed

#### Operating Temperature

-55°C to 155°C

#### Plating

Note: this product is not supplied plated.

#### General Electrical Properties

Total Conductivity	99.7% IACS
Total Resistivity	1.738 micro-ohm cm

#### Conformant Standards

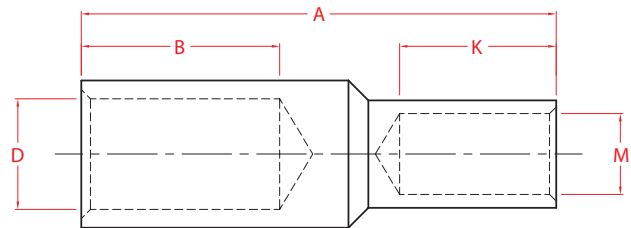
AS4325 Part 1 Australia; IEC France;  
GL/DIN/VDE Germany; JIS Japan;  
BS United Kingdom; UL/NEMA USA

#### Dimensional Specification

Tooling is interchangeable between CABAC, Utilux and Burndy.

#### Accepting Authorities

Electricity Services Victoria  
Energy Australia  
Rail Services Australia  
Energex  
Western Power - and many other  
recognised Authorities.



# Copper Reducing Links

## Selection Chart

Catalogue No.	Nominal Conductor (mm <sup>2</sup> )	Large End - Larger Conductor Dimensions (mm)						Small End - Smaller Conductor Dimensions (mm)				
		A	B	D	Crimp Die Copper	A/F Hex (mm)	No. of Crimps	K	M	Crimp Die Copper	A/F Hex (mm)	No. of Crimps
CASR6/4	6	30	10	4.0	K26 Tool		1	10	3.0	K26 Tool		1
CASR10/6	10	30	10	4.5	K26 Tool		1	10	4.0	K26 Tool	4.4	1
CASR16/6		40						10	4.0	K26 Tool	4.4	1
CASR16/10	16	40	19	5.5	HT130-C-16	6.3	1	10	4.5	K26 Tool	5.7	1
CASR25/6		40						10	4.0	K26 Tool	4.4	1
CASR25/10	25	40	21	7.5	HT130-C-25	7.7	1	10	4.5	K26 Tool	5.7	1
CASR25/16		50						19	5.5	HT130-C-16	6.3	1
CASR35/10		40						10	4.5	K26 Tool	5.7	1
CASR35/16	35	55	21	8.5	HT130-C-35	9.2	1	19	5.5	HT130-C-16	6.3	1
CASR35/25		60						21	7.5	HT130-C-25	7.7	1
CASR50/10		45						10	4.5	K26 Tool	5.7	1
CASR50/16		55						19	5.5	HT130-C-16	6.3	1
CASR50/25	50	55	22	9.5	HT130-C-50	10.4	1	21	7.5	HT130-C-25	7.7	1
CASR50/35		60						21	8.5	HT130-C-35	9.2	1
CASR70/16		60						19	5.5	HT130-C-16	6.3	1
CASR70/25		60	24	11.5	HT130-C-70	11.5	1	21	7.5	HT130-C-25	7.7	1
CASR70/35	70	65						21	8.5	HT130-C-35	9.2	1
CASR70/50		65						22	9.5	HT130-C-50	10.4	1
CASR95/25		65						21	7.5	HT130-C-25	7.7	1
CASR95/35		65	27	13.5	HT130-C-95	14.2	1	21	8.5	HT130-C-35	9.2	1
CASR95/50	95	70						22	9.5	HT130-C-50	10.4	1
CASR95/70		70						24	11.5	HT130-C-70	11.5	1
CASR120/35		70						21	8.5	HT130-C-35	9.2	1
CASR120/50		70						22	9.5	HT130-C-50	10.4	1
CASR120/70	120	75	30	15.5	HT130-C-120	16.5	1	24	11.5	HT130-C-70	11.5	1
CASR120/95		75						27	13.5	HT130-C-95	14.2	1
CASR150/50		70						22	9.5	HT130-C-50	10.4	1
CASR150/70		75	30	16.5	HT130-C-150	18.3	1	24	11.5	HT130-C-70	11.5	1
CASR150/95	150	80						27	13.5	HT130-C-95	14.2	1
CASR150/120		80						30	15.5	HT130-C-120	16.5	1
CASR185/70		75						24	11.5	HT130-C-70	11.5	1
CASR185/95		80	32	18.5	HT130-C-185	20.0	1	27	13.5	HT130-C-95	14.2	1
CASR185/120	185	85						30	15.5	HT130-C-120	16.5	1
CASR185/150		85						30	16.5	HT130-C-150	18.3	1
CASR240/95		85						27	13.5	HT130-C-95	14.2	1
CASR240/120		90	38	21.5	HT130-C-240	23.1	3	30	15.5	HT130-C-120	16.5	1
CASR240/150	240	90						30	16.5	HT130-C-150	18.3	1
CASR240/185		95						32	18.5	HT130-C-185	20.0	1
CASR300/120		95						30	15.5	HT130-C-120	16.5	1
CASR300/150		95						30	16.5	HT130-C-150	18.3	1
CASR300/185	300	100	42	23.5	HT130-C-300	26.0	3	32	18.5	HT130-C-185	20.0	1
CASR300/240		105						38	21.5	HT130-C-240	23.1	3
CASR400/150		110						30	16.5	HT130-C-150	18.3	1
CASR400/185		110	55	26.5	ECW-H3D-400	28.1	3	32	18.5	HT130-C-185	20.0	1
CASR400/240	400	125						38	21.5	HT130-C-240	23.1	3
CASR400/300		125						42	23.5	HT130-C-300	26.0	3
CASR500/185		115						32	18.5	HT130-C-185	20.0	1
CASR500/240		120	55	30.0	ECW-H3D-500	31.0	3	38	21.5	HT130-C-240	23.1	3
CASR500/300	500	125						42	23.5	HT130-C-300	26.0	3
CASR500/400		140						55	26.5	ECW-H3D-400	28.1	3
CASR630/240		120						38	21.5	HT130-C-240	23.1	3
CASR630/300		125	56	34.0	ECW-H3D-630	37.0	4	42	23.5	HT130-C-300	26.0	3
CASR630/400	630	140						55	26.5	ECW-H3D-400	28.1	3
CASR630/500		140						55	30.0	ECW-H3D-500	31.0	3
CASR800/400		150						55	26.5	ECW-H3D-400	28.1	3
CASR800/500		150	75	39.5	RHU520-800	43.2	3	55	30.0	ECW-H3D-500	31.0	3
CASR800/630	800	150						56	34.0	ECW-H3D-630	37.0	4
CASR1000/500		150						55	30.0	ECW-H3D-500	31.0	3
CASR1000/630	1000	150	75	44.0	RHU520-1000	48.0	3	56	34.0	ECW-H3D-630	37.0	4
CASR1000/800		165						75	39.5	RHU520-800	43.2	3