



General Product Catalogue

Edition 5



Welcome to the fifth edition of our **General Products Catalogue!**

For over a quarter of a century, Electrical Connections has been a trusted name in the electrical industry, serving the diverse needs of the Australasian market. As a family-owned business, we take immense pride in our excellent reputation, built on a foundation of integrity, reliability, and an unwavering commitment to top-quality products and services.

In this catalogue, curated specifically for the commercial and industrial markets, we are thrilled to present a comprehensive array of electrical products sourced from world-renowned manufacturers and our own in-house manufacture. From crimp lugs to glands, heat shrink to tooling, every product featured here reflects our quality commitment and our dedication to meeting the evolving needs of our customers.

We have meticulously selected each item in this catalogue, ensuring they meet our exacting standards of quality, reliability, and performance. Whether you are working on a large-scale infrastructure project or a routine maintenance task, you can rely on Electrical Connections to provide the products you need to get the job done safely and efficiently.

Thank you for choosing Electrical Connections. We look forward to being your trusted partner in success for many years to come.

Kind Regards,

Richard Malcolm
Managing Director





**We're working
to your timeline!**

Our Vision

To be Australasia's supplier of choice for cable accessories and connector products through ease of doing business with us.

OUR COMMITMENT

- You can trust us – to do what we say.
- We care – for people and the environment.
- We communicate – with you, our staff and our suppliers.
- We listen – to you.
- Always striving – for the best quality, service and product knowledge.

We're working to your timeline!

QUALITY

At ECL, quality is not just a goal; it's our standard. We adhere strictly to industry benchmarks and certifications to ensure our products consistently meet or exceed expectations. Our commitment to quality is unwavering, driving us to deliver reliable, safe, and innovative solutions to our customers.

Electrical Connections Ltd has a policy of continual developments of their products and reserve the right to change specifications formats and size without notice. While all due care has been taken in preparing this catalogue possible typographic errors may have occurred, Electrical Connections takes no responsibility for this. All products sold are subject to Electrical Connections Ltd standard terms and conditions of sale. Customers and users should ensure that they have evaluated the product as suitable for the various applications. This catalogue does not constitute an assurance of any particular quality or product performance.
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The ECL Advantage

We are here to make your life easier. Access to industry leading products, expertise and responsive service saves you time, money and hassle.



FIRST IN CUSTOMER SERVICE

At ECL, the customer is always our top priority. Our dedicated team is always ready to assist you with any inquiry, ensuring that your experience with us is smooth and hassle free from start to finish.



GLOBAL SOURCING & SUPPLY

With a vast network of trusted suppliers and key agencies from around the world, ECL provides high quality products at competitive prices, ensuring timely delivery and reliability with every order.



CUSTOM DESIGN & MANUFACTURE

We understand that every project is unique. That's why we offer bespoke design and manufacturing services to meet your specific needs. Our experienced technical support team work closely with you to create tailored solutions that perfectly fit your requirements, ensuring precision in every product.



EXPRESS DELIVERY

Time is of the essence, and we get that. Our express delivery service ensures that your orders reach you as quickly as possible. Whether it's a last-minute request or a scheduled shipment, our dedicated team ensure your product is produced with minimal turnaround time.



Ready to order

Quality termination and connection fittings

We offer cable connection products and accessories. Proven over many decades of use, our products have been tried and tested by customers across Australasia.

In-house testing facility

Testing to industry standards

Electrical Connections has its own in house testing laboratory. The high current test facility allows heat cycle testing to AS/NZS and IEC Standards.

Our mechanical testing rig tension tests cable terminations to ensure it meets AS/NZS and IEC Standards.

Connection products for:

-  Switchgear
-  Transmission & Distribution
-  Control & Automation
-  Industrial



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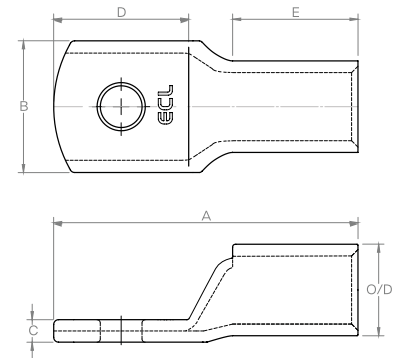


Copper Lugs and Links

Copper Standard Crimp Lugs

Manufactured from 99.9% oxygen free, high conductivity copper and electro tinned.

Conformant Standard: AS/NZS 4325.1:1995



SPECIFICATIONS

Part No.	Cable Size	Stud Size mm	Dimensions mm						Crimp Die Info	
			A	B	C	D	E	O/D	A/F mm	Die Part number
ECL1.5-4	1.5mm ²	4	18.5	8	1	9	7.5	4		Indent Tooling
ECL1.5-5		5	18.5	8	1	9	7.5	4		
ECL1.5-6		6	19.5	10	0.8	10	7.5	4		
ECL2.5-4	2.5mm ²	4	19	8	1	9	8	4		Indent Tooling
ECL2.5-5		5	20	10	0.8	11	8	4		
ECL2.5-6		6	20	10	0.8	11	8	4		
ECL2.5-8		8	26	11	0.7	15	8	4		
ECL4-4	4mm ²	4	22	10	1	11	9	5.2		Indent Tooling
ECL4-5		5	22	10	1	11	9	5.2		
ECL4-6		6	22	10	1	11	9	5.2		
ECL4-8		8	26	12	0.8	15	9	5.2		
ECL4-10		10	32	15	0.8	17	9	5.2		
ECL6-4	6mm ²	4	23	10	1.2	11	10	5.5		Indent Tooling
ECL6-5		5	23	10	1.2	11	10	5.5		
ECL6-6		6	27	12	1	15	10	5.5		
ECL6-8		8	27	12	1	15	10	5.5		
ECL6-10		10	32	15	0.8	19	10	6.2		
ECL6-12		12	35	17	1	21	11	6.2		
ECL10-5	10mm ²	5	27	12	1.8	13	10	7.1	5.7	D10CU (12T Crimp)
ECL10-6		6	27	12	1.8	13	10	7.1		
ECL10-8		8	29	14	1.6	15	10	7.1		
ECL10-10		10	32	15	1.5	18	10	7.1		
ECL10-12		12	38	18	1	22	10	7.1		
ECL10-16		16	54	23	3	27	20	9		
ECL16-4	16mm ²	4	39	11	2.4	16	19	7.9	6.3	D16CU (12T Crimp)
ECL16-5		5	39	11	2.4	16	19	7.9		
ECL16-6		6	39	11	2.4	16	19	7.9		
ECL16-8		8	39	14	1.7	16	19	7.9		
ECL16-10		10	41	16	1.5	18	19	7.9		
ECL16-12		12	46	18	1.2	23	19	7.9		
ECL16-16		16	53	23	3	28	20	9.5		
ECL25-6	25mm ²	6	41	13.5	2.4	16	21	9.5	7.7	D25CU (12T Crimp)
ECL25-8		8	41	13.5	2.4	16	21	9.5		
ECL25-10		10	44	16	1.9	19	21	9.5		
ECL25-12		12	48	18	1.6	23	21	9.5		
ECL25-16		16	55	27	1.6	28	21	10.5		
ECL35-6	35mm ²	6	45	16	3	19	21	11.5	9.2	D35CU (12T Crimp)
ECL35-8		8	45	16	3	19	21	11.5		
ECL35-10		10	45	18	2.6	19	21	11.5		
ECL35-12		12	51	20	2.2	24	22	11.5		
ECL35-16		16	61	22	2.25	32	23	11.6		
ECL50-6	50mm ²	6	46	18	3.3	18	22	12.8	10.4	D50CU (12T Crimp)
ECL50-8		8	46	18	3.3	18	22	12.8		
ECL50-10		10	46	18	3.3	18	22	12.8		
ECL50-12		12	52	21	2.7	24	22	12.8		
ECL50-16		16	58	23	2.7	30	22	13		

Part No.	Cable Size	Stud Size mm	Dimensions mm						Crimp Die Info	
			A	B	C	D	E	O/D	A/F mm	Die Part number
ECL70-6	70mm ²	6	54	21	3.5	24	24	14.6	11.5	D70CU (12T Crimp)
ECL70-8		8	54	21	3.5	24	24	14.6		
ECL70-10		10	54	21	3.5	24	24	14.6		
ECL70-12		12	54	21	3.5	24	24	14.6		
ECL70-16		16	61	26	3	30	24	14.6		
ECL95-6	95mm ²	6	60	25	4	26	27	17.4	14.2	D95CU (12T Crimp)
ECL95-8		8	60	25	4	26	27	17.4		
ECL95-10		10	60	25	4	26	27	17.4		
ECL95-12		12	60	25	4	26	27	17.4		
ECL95-16		16	61	28	3.5	30	27	17.4		
ECL120-6	120mm ²	6	64	30	5	26	30	20.6	16.5	D120CU (12T Crimp)
ECL120-8		8	64	30	5	26	30	20.6		
ECL120-10		10	64	30	5	26	30	20.6		
ECL120-12		12	64	30	5	26	30	20.6		
ECL120-16		16	72	30	5	32	30	20.6		
ECL120-20		20	74	30	5	34	30	20.6		
ECL120B		blank	65	30	5	26	30	20.6		
ECL150-6	150mm ²	6	75	32	5.8	32	30	22.2	18.3	D150CU (12T Crimp)
ECL150-8		8	75	32	5.8	32	30	22.2		
ECL150-10		10	75	32	5.8	32	30	22.2		
ECL150-12		12	75	32	5.8	36	30	22.2		
ECL150-16		16	75	32	5.8	36	30	22.2		
ECL150-20		20	75	32	5.8	36	30	22.2		
ECL150B		blank	75	32	5.8	36	30	22.2		
ECL185-8	185mm ²	8	74	36	5.8	32	32	24.2	20.0	D185CU (12T Crimp)
ECL185-10		10	74	36	5.8	32	32	24.2		
ECL185-12		12	74	36	5.8	36	32	24.2		
ECL185-16		16	79	36	5.8	36	32	24.2		
ECL185-20		20	79	38	5.8	41	32	24.2		
ECL185B		blank	79	38	5.8	41	32	24.2		
ECL240-8	240mm ²	8	92	41	7	42	38	28.5	23.1	D240CU (12T Crimp) DCL240 (30T Crimp)
ECL240-10		10	92	41	7	42	38	28.5		
ECL240-12		12	92	41	7	42	38	28.5		
ECL240-16		16	92	41	7	42	38	28.5		
ECL240-20		20	92	41	7	42	38	28.5		
ECL240B		blank	92	41	7	42	38	28.5		
ECL300-8	300mm ²	8	101	46	7.8	46	42	31.9	26.0	D300CU (12T Crimp) DCL300 (30T Crimp)
ECL300-10		10	101	46	7.8	46	42	31.9		
ECL300-12		12	101	46	7.8	46	42	31.9		
ECL300-16		16	101	46	7.8	46	42	31.9		
ECL300-20		20	101	46	7.8	46	42	31.9		
ECL300B		blank	101	46	7.8	46	42	31.9		
ECL400-8	400mm ²	8	107	50	8	48	44	34.9	28.1	D400CU (12T Crimp) DCL400 (30T Crimp)
ECL400-10		10	107	50	8	48	44	34.9		
ECL400-12		12	107	50	8	48	44	34.9		
ECL400-16		16	107	50	8	48	44	34.9		
ECL400-20		20	107	50	8	48	44	34.9		
ECL400B		blank	107	50	8	48	44	34.9		
ECL500-10	500mm ²	10	119	56	9	55	50	38.1	31.0	DCL500 (30T Crimp)
ECL500-12		12	119	56	9	55	50	38.1		
ECL500-16		16	119	56	9	55	50	38.1		
ECL500-20		20	119	56	9	55	50	38.1		
ECL500B		blank	119	56	9	55	50	38.1		
ECL630-10	630mm ²	10	139	64.4	11	64	58	44	37.0	DCL630 (30T Crimp)
ECL630-12		12	139	64.4	11	64	58	44		
ECL630-16		16	139	64.4	11	64	58	44		
ECL630-20		20	139	64.4	11	64	58	44		
ECL630B		blank	139	64.4	11	64	58	44		
ECL800B	800mm ²	Available on request. Please contact the ECL team.								
ECL1000B	1000mm ²	Available on request. Please contact the ECL team.								

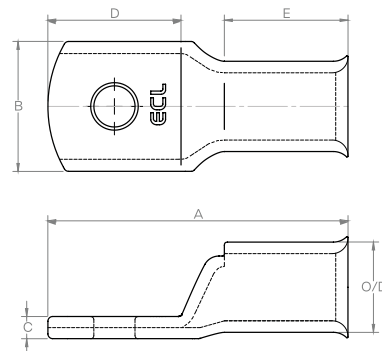
- Dimensions may vary slightly.
- For special lugs or other imperial sizes please contact the ECL sales department.

Copper Bellmouth Lugs (fine stranded cables)

Makes the termination process easy for fine-stranded flexible cables. The enlarged cable entry of the bellmouth is designed to address the tendency of flexible cables to splay upon stripping, providing ease of entry for fine stranded cable.



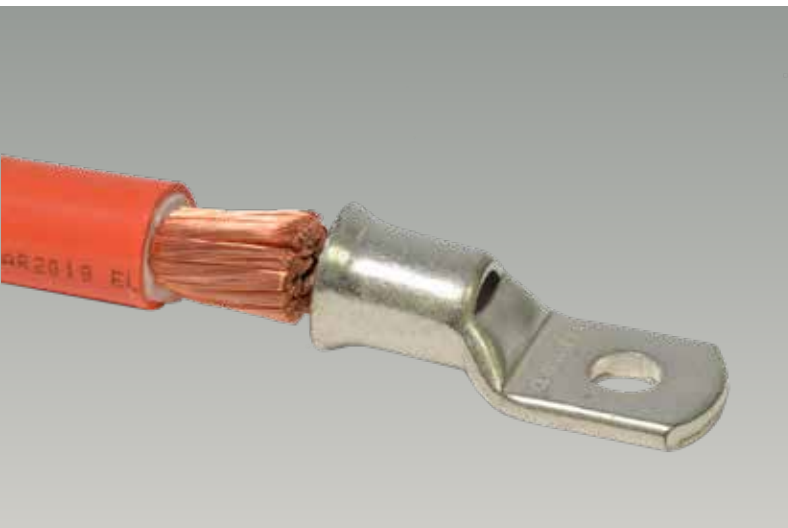
SPECIFICATIONS



Conformant Standard: AS/NZS 4325.1:1995

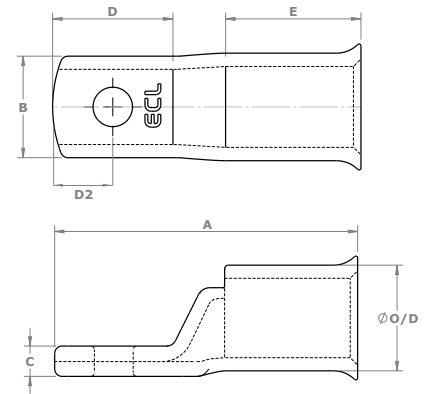
Part No.	Cable Size	Stud Size mm	Dimensions mm						Crimp Die Info	
			A	B	C	D	E	O/D	A/F mm	Die Part number
ECL6-6BM	6mm ²	6	27	12	1	15	10	5.5		Indent Tooling
ECL6-8BM		8	27	12	1	15	10	5.5		
ECL6-10BM		10	32	15	0.8	19	10	6.2		
ECL6-12BM		12	35	17	1	21	11	6.2		
ECL10-5BM	10mm ²	5	27	12	1.8	13	10	7.1	5.7	D10CU (12T Crimp)
ECL10-6BM		6	27	12	1.8	13	10	7.1		
ECL10-8BM		8	29	14	1.6	15	10	7.1		
ECL10-10BM		10	32	15	1.5	18	10	7.1		
ECL10-12BM		12	38	18	1	22	10	7.1		
ECL16-6BM	16mm ²	6	39	11	2.4	16	19	7.9	6.3	D16CU (12T Crimp)
ECL16-8BM		8	39	14	1.7	16	19	7.9		
ECL16-10BM		10	41	16	1.5	18	19	7.9		
ECL16-12BM		12	46	18	1.2	23	19	7.9		
ECL25-6BM	25mm ²	6	41	13.5	2.4	16	21	9.5	7.7	D25CU (12T Crimp)
ECL25-8BM		8	41	13.5	2.4	16	21	9.5		
ECL25-10BM		10	44	16	1.9	19	21	9.5		
ECL25-12BM		12	48	18	1.6	23	21	9.5		
ECL35-6BM	35mm ²	6	45	16	3	19	21	11.5	9.2	D35CU (12T Crimp)
ECL35-8BM		8	45	16	3	19	21	11.5		
ECL35-10BM		10	45	18	2.6	19	21	11.5		
ECL35-12BM		12	51	20	2.2	24	22	11.5		
ECL50-6BM	50mm ²	6	46	18	3.3	18	22	12.8	10.4	D50CU (12T Crimp)
ECL50-8BM		8	46	18	3.3	18	22	12.8		
ECL50-10BM		10	46	18	3.3	18	22	12.8		
ECL50-12BM		12	52	21	2.7	24	22	12.8		
ECL50-16BM		16	58	23	2.7	30	22	13		
ECL70-6BM	70mm ²	6	54	21	3.5	24	24	14.6	11.5	D70CU (12T Crimp)
ECL70-8BM		8	54	21	3.5	24	24	14.6		
ECL70-10BM		10	54	21	3.5	24	24	14.6		
ECL70-12BM		12	54	21	3.5	24	24	14.6		
ECL70-16BM		16	61	26	3	30	24	14.6		
ECL95-6BM	95mm ²	6	60	25	4	26	27	17.4	14.2	D95CU (12T Crimp)
ECL95-8BM		8	60	25	4	26	27	17.4		
ECL95-10BM		10	60	25	4	26	27	17.4		
ECL95-12BM		12	60	25	4	26	27	17.4		
ECL95-16BM		16	61	28	3.5	30	27	17.4		
ECL120-8BM	120mm ²	8	64	30	5	26	30	20.6	16.5	D120CU (12T Crimp)
ECL120-10BM		10	64	30	5	26	30	20.6		
ECL120-12BM		12	64	30	5	26	30	20.6		
ECL120-16BM		16	72	30	5	32	30	20.6		
ECL120-20BM		20	74	30	5	34	30	20.6		
ECL120B-BM		blank	65	30	5	26	30	20.6		

Dimensions mm									Crimp Die Info	
Part No.	Cable Size	Stud Size mm	A	B	C	D	E	O/D	A/F mm	Die Part number
ECL150-6BM	150mm²	6	75	32	5.8	32	30	22.2	18.3	D150CU (12T Crimp)
ECL150-8BM		8	75	32	5.8	32	30	22.2		
ECL150-10BM		10	75	32	5.8	32	30	22.2		
ECL150-12BM		12	75	32	5.8	36	30	22.2		
ECL150-16BM		16	75	32	5.8	36	30	22.2		
ECL150-20BM		20	75	32	5.8	36	30	22.2		
ECL150B-BM		blank	75	32	5.8	36	30	22.2		
ECL185-8BM	185mm²	8	74	36	5.8	32	32	24.2	20.0	D185CU (12T Crimp)
ECL185-10BM		10	74	36	5.8	32	32	24.2		
ECL185-12BM		12	74	36	5.8	36	32	24.2		
ECL185-16BM		16	79	36	5.8	36	32	24.2		
ECL185-20BM		20	79	38	5.8	41	32	24.2		
ECL185B-BM		blank	79	38	5.8	41	32	24.2		
ECL240-8BM	240mm²	8	92	41	7	42	38	28.5	23.1	D240CU (12T Crimp) DCL240 (30T Crimp)
ECL240-10BM		10	92	41	7	42	38	28.5		
ECL240-12BM		12	92	41	7	42	38	28.5		
ECL240-16BM		16	92	41	7	42	38	28.5		
ECL240-20BM		20	92	41	7	42	38	28.5		
ECL240B-BM		blank	92	41	7	42	38	28.5		
ECL300-8BM	300mm²	8	101	46	7.8	46	42	31.9	26.0	D300CU (12T Crimp) DCL300 (30T Crimp)
ECL300-10BM		10	101	46	7.8	46	42	31.9		
ECL300-12BM		12	101	46	7.8	46	42	31.9		
ECL300-16BM		16	101	46	7.8	46	42	31.9		
ECL300-20BM		20	101	46	7.8	46	42	31.9		
ECL300B-BM		blank	101	46	7.8	46	42	31.9		
ECL400-8BM	400mm²	8	107	50	8	48	44	34.9	28.1	D400CU (12T Crimp) DCL400 (30T Crimp)
ECL400-10BM		10	107	50	8	48	44	34.9		
ECL400-12BM		12	107	50	8	48	44	34.9		
ECL400-16BM		16	107	50	8	48	44	34.9		
ECL400-20BM		20	107	50	8	48	44	34.9		
ECL400B-BM		blank	107	50	8	48	44	34.9		
ECL500-10BM	500mm²	10	119	56	9	55	50	38.1	31.0	DCL500 (30T Crimp)
ECL500-12BM		12	119	56	9	55	50	38.1		
ECL500-16BM		16	119	56	9	55	50	38.1		
ECL500-20BM		20	119	56	9	55	50	38.1		
ECL500B-BM		blank	119	56	9	55	50	38.1		
ECL630-10BM	630mm²	10	139	64.4	11	64	58	44	37.0	DCL630 (30T Crimp)
ECL630-12BM		12	139	64.4	11	64	58	44		
ECL630-16BM		16	139	64.4	11	64	58	44		
ECL630-20BM		20	139	64.4	11	64	58	44		
ECL630B-BM		blank	139	64.4	11	64	58	44		
ECL800B	800mm²	Available on request. Please contact the ECL team.								
ECL1000B	1000mm²	Available on request. Please contact the ECL team.								



Copper Circuit Breaker Lugs (Narrow Palm)

Used for moulded case circuit breakers with reduced phase clearance distances. Featuring a bell mouth cable entry, providing ease of use with fine-stranded flexible cables.



SPECIFICATIONS

Dimensions mm										Crimp Die Info	
Part No.	Cable Size	Stud Size mm	A	B	C	D	D2	E	O/D	A/F mm	Die Part number
ECL25-8CB	25mm²	8	41	15	3	15	7,5	21	9.5	7.7	D25CU
ECL35-6CB	35mm²	6	41	15	3	15	7,5	21	11.5	9.2	D35CU
ECL35-8CB		8	41	15	3	15	7,5	21	11.5		
ECL50-6CB	50mm²	6	46	15	3.2	15	9	22	12.8	10.4	D50CU
ECL50-8CB		8	46	15	3.2	15	9	22	12.8		
ECL50-10CB		10	46	19	3.2	21	9	22	12.8		
ECL70-6CB	70mm²	6	48	17	3.3	15	9	24	14.6	11.5	D70CU
ECL70-8CB		8	48	17	3.3	15	9	24	14.6		
ECL70-10CB		10	48	19	3.3	21	9	24	14.6		
ECL95-8CB	95mm²	8	51	19	3.9	17	9,5	27	17.4	14.2	D95CU
ECL95-10CB		10	55	19	3.9	21	9,5	27	17.4		
ECL120-8CB	120mm²	8	61	19	5	23	12,5	30	20.6	16.5	D120CU
ECL120-10CB		10	61	19	5	23	12,5	30	20.6		
ECL120-12CB		12	61	19	5	23	12,5	30	20.6		
ECL150-8CB	150mm²	8	66	19	5.5	27	12,5	30	22.2	18.3	D150CU
ECL150-10CB		10	66	19	5.5	27	12,5	30	22.2		
ECL150-12CB		12	66	19	5.5	27	12,5	30	22.2		
ECL185-8CB	185mm²	8	74	25.2	5.7	32	14	32	24.2	20.0	D185CU
ECL185-10CB		10	74	25.2	5.7	32	14	32	24.2		
ECL185-12CB		12	74	25.2	5.7	32	14	32	24.2		
ECL240-8CB	240mm²	8	82	31	7.1	32	14	38	28.5	23.1	D240CU (12T Crimp) DCL240 (30T Crimp)
ECL240-10CB		10	82	31	7.1	32	14	38	28.5		
ECL240-12CB		12	82	31	7.1	32	14	38	28.5		
ECL300-10CB	300mm²	10	87	33.5	7.8	32	15	42	31.9	26.0	D300CU (12T Crimp) DCL300 (30T Crimp)
ECL300-12CB		12	87	33.5	7.8	32	15	42	31.9		
ECL400-8CB	400mm²	8	105	34	8	40	15	48	34.9	28.1	D400CU (12T Crimp) DCL400 (30T Crimp)
ECL400-10CB		10	105	34	8	40	15	48	34.9		
ECL400-12CB		12	105	34	8	40	15	48	34.9		
ECL500-CB	Available on request. Please contact the ECL team.										
ECL630-CB	Available on request. Please contact the ECL team.										

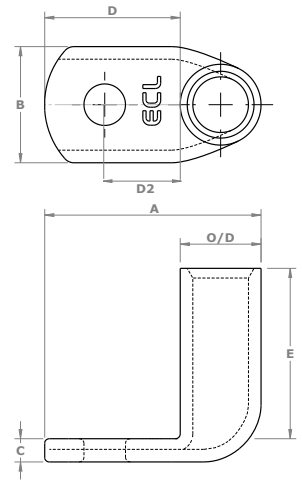


Copper Right Angle Lugs

Used for applications with limited connection space. Manufactured from high conductivity copper tube and electro-tinned.



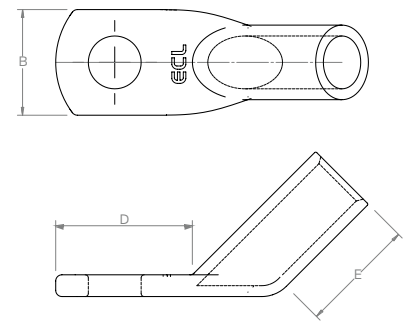
SPECIFICATIONS



Part No.	Cable Size	Stud Size mm	Dimensions mm					Crimp Die Info
			A	B	D	D2	E	A/F mm
ECL10-5RA	10mm ²	5	30	12	17	8,5	10	5.7
ECL10-6RA		6	30	12	17	11	10	
ECL10-8RA		8	30	13	17	13	10	
ECL16-6RA	16mm ²	6	30	13	22	11	13	6.3
ECL16-8RA		8	30	13	22	13	13	
ECL16-10RA		10	30	17	22	15	13	
ECL25-6RA	25mm ²	6	30	14	22	13	14	7.7
ECL25-8RA		8	30	16	22	13	14	
ECL25-10RA		10	30	18	22	15	14	
ECL25-12RA		12	30	18	23	18	14	
ECL35-6RA	35mm ²	6	34.5	17	23	11	17	9.2
ECL35-8RA		8	34.5	17	23	13	17	
ECL35-10RA		10	34.5	19	23	15	17	
ECL35-12RA		12	34.5	21	25	18	17	
ECL50-8RA	50mm ²	8	37	20	28	13	19	10.4
ECL50-10RA		10	37	20	28	15	19	
ECL50-12RA		12	37	23	28	18	19	
ECL70-8RA	70mm ²	8	38	23.5	28	13	20	11.5
ECL70-10RA		10	38	23.5	28	15	20	
ECL70-12RA		12	38	23.5	28	18	20	
ECL95-8RA	95mm ²	8	47	26	30	15	23	14.2
ECL95-10RA		10	47	26	30	18	23	
ECL95-12RA		12	47	26	30	20	23	
ECL120-10RA	120mm ²	10	50	29	31	15	26	16.5
ECL120-12RA		12	50	29	31	18	26	
ECL150-10RA	150mm ²	10	50	31	31	15	28	18.3
ECL150-12RA		12	50	31	31	18	28	
ECL185-10RA	185mm ²	10	52	35	35	22	30	20
ECL185-12RA		12	52	35	35	22	30	
ECL240-10RA	240mm ²	10	63	39	35	22	35	23.1
ECL240-12RA		12	63	39	35	22	35	
ECL300-10RA	300mm ²	10	63	45	35	22	45	26
ECL300-12RA		12	63	45	35	22	45	

Copper 45 Degree Angle Lugs

Used for applications with limited connection space. Manufactured from high conductivity copper tube and electro-tinned.



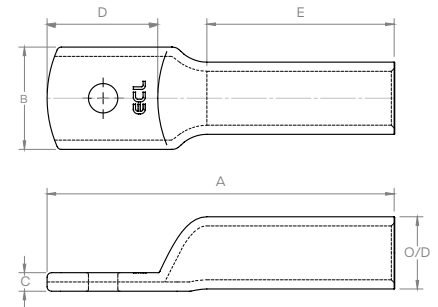
SPECIFICATIONS

Part No.	Cable Size	Stud Size mm	Dimensions mm			Crimp Die Info
			B	D	E	A/F mm
ECL10-545	10mm ²	5	12	17	10	5.7
ECL10-645		6	12	17	10	
ECL10-845		8	13	17	10	
ECL16-645	16mm ²	6	13	22	13	6.3
ECL16-845		8	13	22	13	
ECL16-1045		10	17	22	13	
ECL25-645	25mm ²	6	14	22	14	7.7
ECL25-845		8	16	22	14	
ECL25-1045		10	18	22	14	
ECL25-1245		12	18	23	14	
ECL35-645	35mm ²	6	17	23	17	9.2
ECL35-845		8	17	23	17	
ECL35-1045		10	19	23	17	
ECL35-1245		12	21	25	17	
ECL50-845	50mm ²	8	20	28	19	10.4
ECL50-1045		10	20	28	19	
ECL50-1245		12	23	28	19	
ECL70-845	70mm ²	8	23.5	28	20	11.5
ECL70-1045		10	23.5	28	20	
ECL70-1245		12	23.5	28	20	
ECL95-845	95mm ²	8	26	35	23	14.2
ECL95-1045		10	26	35	23	
ECL95-1245		12	26	35	23	
ECL120-1045	120mm ²	10	29	35	26	16.5
ECL120-1245		12	29	35	26	



Copper Long Barrel Sealed Lugs

Used for outdoor applications where durability and reliability are required. Manufactured from high conductivity copper, with an internally solder-sealed barrel. The extended barrel not only accommodates more crimps but also provides a larger heatshrink area, ensuring a robust and weather resistant connection.



SPECIFICATIONS

Conformant Standard: AS/NZS 4325.1:1995

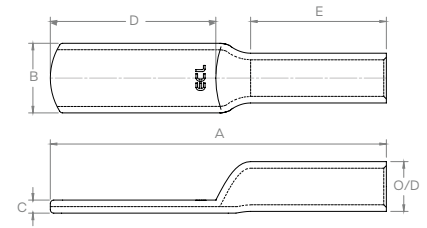
Part No.	Cable Size	Stud Size mm	Dimensions mm						Crimp Die Info	
			A	B	C	D	E	O/D	A/F mm	Die Part number
ECL16-12LBS	16mm ²	12	54	16	1.55	21	28	7.9	6.3	D16CU
ECL25-10LBS	25mm ²	10	56	16	2	22	29	9.5	7.7	D25CU
ECL25-12LBS		12	58	17	2	22	29	9.5		
ECL35-10LBS	35mm ²	10	65	18	2.6	25	35	11.5	9.2	D35CU
ECL35-12LBS		12	65	20	2.3	25	35	11.5		
ECL50-10LBS	50mm ²	10	77	18	3.2	27	44	12.8	10.4	D50CU
ECL50-12LBS		12	77	21	2.7	27	44	12.8		
ECL70-10LBS	70mm ²	10	81	21	3.3	27	48	14.6	11.5	D70CU
ECL70-12LBS		12	81	21	3.3	27	48	14.6		
ECL95-10LBS	95mm ²	10	88	25	3.9	27	54	17.4	14.2	D95CU
ECL95-12LBS		12	88	25	3.9	27	54	17.4		
ECL120-12LBS	120mm ²	12	98	29	5	30	60	20.6	16.5	D120CU
ECL150-12LBS	150mm ²	12	110	32	5.5	41	60	22.2	18.3	D150CU
ECL185-12LBS	185mm ²	12	115	32	5.5	41	64	24.2	20.0	D185CU
ECL185-16LBS		16	115	32	5.5	41	64	24.2		
ECL240-LBS	240mm ²	BL	142	32	5.5	41	60	28.5	23.1	D240CU (12T Crimp) DCL240 (30T Crimp)
ECL300-LBS	300mm ²	BL	153	45	7.8	50	90	31.9	26.0	D300CU (12T Crimp) DCL300 (30T Crimp)
ECL400-LBS	400mm ²	BL	170	50	7.7	52	100	34.9	28.1	D400CU (12T Crimp) DCL400 (30T Crimp)
ECL500-LBS	500mm ²	BL	181	56	8.5	56	105	38.1	31.0	DCL500 (30T Crimp)
ECL630-LBS	630mm ²	BL	193	65	10.9	56	115	44	37.0	DCL630 (30T Crimp)
ECL800LBS	800mm ²	Available on request. Please contact the ECL team								
ECL1000LBS	1000mm ²	Available on request. Please contact the ECL team								



Copper Long Barrel, Long Palm Lugs

Used for outdoor applications, featuring a solder sealed palm. These lugs have no viewing window for enhanced weather resistance. Supplied blank as standard, with punching available on request.

Conformant Standard: AS/NZS 4325.1:1995



Specifications

Part No.	Cable Size	Dimensions						Crimp Die Info	
		A	B	C	D	E	O/D	A/F mm	Die Part number
ECL16LBLP	16mm ²	85	16	1.5	60	21	7.9	6.3	D16CU
ECL25LBLP	25mm ²	95	16.5	1.9	60	29	9.5	7.7	D25CU
ECL35LBLP	35mm ²	112	18	2.6	72	35	11.5	9.2	D35CU
ECL50LBLP	50mm ²	130	18.3	3.3	80	44	12.8	10.4	D50CU
ECL70LBLP	70mm ²	155	21.3	3.5	100	48	14.6	11.5	D70CU
ECL95LBLP	95mm ²	161	26	3.9	100	54	17.4	14.2	D95CU
ECL120LBLP	120mm ²	170	28.7	5	100	60	20.6	16.5	D120CU
ECL150LBLP	150mm ²	170	32.5	5.8	100	60	22.2	18.3	D150CU
ECL185LBLP	185mm ²	174	35.2	5.8	100	64	24.2	20.0	D185CU
ECL240LBLP	240mm ²	195	41	7.1	105	80	28.5	23.1	D240CU (12T Crimp) DCL240 (30T Crimp)
ECL300LBLP	300mm ²	210	45.3	7.8	105	90	31.9	26.0	D300CU (12T Crimp) DCL300 (30T Crimp)
ECL400LBLP	400mm ²	228	50.3	7.7	110	100	34.9	28.1	D400CU (12T Crimp) DCL400 (30T Crimp)
ECL500LBLP	500mm ²	237	56.3	8.5	110	105	38.1	31.0	DCL500 (30T Crimp)
ECL630LBLP	630mm ²	250	65.5	10.9	110	115	44	37.0	DCL630 (30T Crimp)
ECL800LBLP	800mm ²	Available on request. Please contact the ECL team							
ECL1000LBLP	1000mm ²	Available on request. Please contact the ECL team							

For specials such as bellmouth entry, angled or bent palms please call the ECL sales team.
Hole punching can be provided to the customer's requirements.

Copper Long Barrel, Long Palm Right Angle Lugs

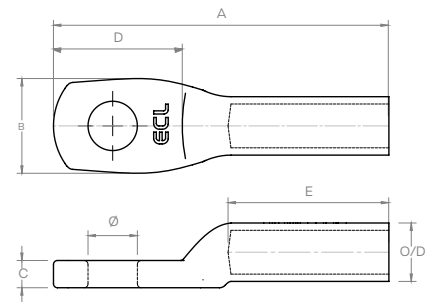
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Copper Solid Forged Lugs

i SPECIFICATIONS

Used for low and medium voltage high current applications. Forged from solid copper rod with high mechanical strength and waterblock construction, ensures reliable performance in demanding situations.



Conformant Standard: AS/NZS 4325.1:1995

Dimensions								Crimp Die Info	
Part No.	Cable Size	Stud Size mm	A	B	D	E	O/D	A/F mm	Die Part number
ECLF16-8	16mm²	8	80	21	32	31	11.5	9.2	D35CU
ECLF16-10		10	80	21	32	31	11.5		
ECLF25-10	25mm²	10	80	21	32	31	11.5	9.2	D35CU
ECLF25-12		12	80	21	32	31	11.5		
ECLF35-10	35mm²	10	80	21	32	31	11.5	9.2	D35CU
ECLF35-12		12	80	21	32	31	11.5		
ECLF35-16		16	80	21	32	31	11.5		
ECLF50-10	50mm²	10	80	24	32	33	12.7	10.4	D50CU
ECLF50-12		12	80	24	32	33	12.7		
ECLF50-16		16	80	26	32	33	12.7		
ECLF50-20		20	85	28	36	33	12.7		
ECLF70-10	70mm²	10	90	26	36	40	14.5	11.5	D70CU
ECLF70-12		12	90	26	36	40	14.5		
ECLF70-16		16	90	26	36	40	14.5		
ECLF70-20		20	90	28	36	40	14.5		
ECLF95-12	95mm²	12	100	26	36	43	17.3	14.2	D95CU
ECLF95-16		16	100	28	36	43	17.3		
ECLF95-20		20	100	28	42	43	17.3		
ECLF120-10	120mm²	10	100	26	42	45	20.0	16.5	D120CU
ECLF120-12		12	100	26	42	45	20.0		
ECLF150-10	150mm²	10	100	26	42	45	22.5	18.3	D150CU
ECLF150-12		12	100	26	42	45	22.5		
ECLF185-10	185mm²	10	110	26	42	50	24.2	20.0	D185CU
ECLF185-12		12	110	26	42	50	24.2		
ECLF240	240mm²	Available on request. Please contact the ECL team							
ECLF300	300mm²	Available on request. Please contact the ECL team							
ECLF400	400mm²	Available on request. Please contact the ECL team							
ECLF500	500mm²	Available on request. Please contact the ECL team							
ECLF630	630mm²	Available on request. Please contact the ECL team							

Copper Tinned Solid Forged Lugs

For product dimensions, refer to table above.

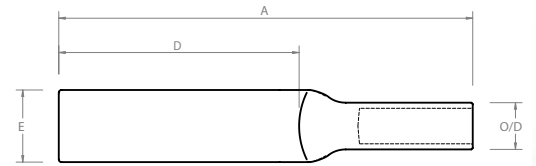
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Copper Solid Forged Lugs, Long Palm

SPECIFICATIONS

Used for low and medium voltage high current applications. Forged from solid copper rod with high mechanical strength and waterblock construction, ensures reliable performance in demanding situations. Supplied blank as standard, with hole punching available on request.



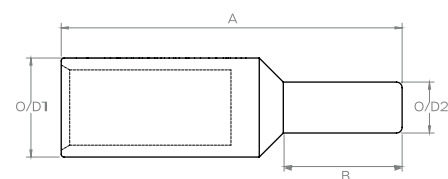
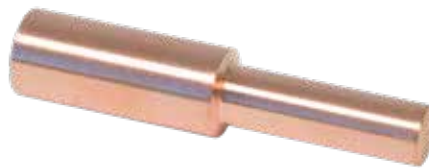
Conformant Standard: AS/NZS 4325.1:1995

Part No.	Cable Size	Dimensions mm					Crimp Die Info	
		A	B	D	E	O/D	A/F mm	Die Part number
ECLF16LBLP	16mm ²	Available on request. Please contact the ECL team					9.2	D35CU
ECLF25LBLP	25mm ²	Available on request. Please contact the ECL team					9.2	D35CU
ECLF35LBLP	35mm ²	Available on request. Please contact the ECL team					9.2	D35CU
ECLF50LBLP	50mm ²	Available on request. Please contact the ECL team					10.4	D50CU
ECLF70LBLP	70mm ²	Available on request. Please contact the ECL team					11.5	D70CU
ECLF95LBLP	95mm ²	Available on request. Please contact the ECL team					14.2	D95CU
ECLF120LBLP	120mm ²	Available on request. Please contact the ECL team					16.5	D120CU
ECLF150LBLP	150mm ²	Available on request. Please contact the ECL team					18.3	D150CU
ECLF185LBLP	185mm ²	Available on request. Please contact the ECL team					20.0	D185CU
ECLF240LBLP	240mm ²	Available on request. Please contact the ECL team					23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECLF300LBLP	300mm ²	Available on request. Please contact the ECL team					26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECLF400LBLP	400mm ²	Available on request. Please contact the ECL team					28.1	DCL400
ECLF500LBLP	500mm ²	Available on request. Please contact the ECL team					31.0	DCL500
ECLF630LBLP	630mm ²	Available on request. Please contact the ECL team					37.0	DCL630



Copper Stalk Lugs

For use with specialist switchgear. Manufactured from 99.9% pure high conductivity copper to your specific dimensions. Please be advised most sizes are manufactured to order and are not eligible for return or credit.



i SPECIFICATIONS

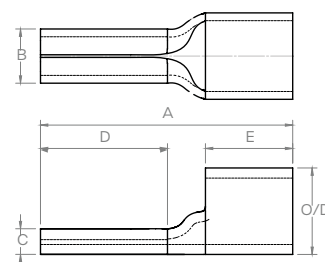
Part No.	Cable Size	Dimensions mm				Crimp Die Info	
		A	B	O/D1	O/D2	A/F mm	Die Part number
ECSR16-STALK	16mm ²	53	Custom Size	9.5	Custom Size	7.7	D25CU (12T Crimp)
ECSR25-STALK	25mm ²	53	Custom Size	9.5	Custom Size	7.7	D25CU (12T Crimp)
ECSR35-STALK	35mm ²	53	Custom Size	11.5	Custom Size	9.2	D35CU (12T Crimp)
ECSR50-STALK	50mm ²	58	Custom Size	12.8	Custom Size	10.4	D50CU (12T Crimp)
ECSR70-STALK	70mm ²	66	Custom Size	14.7	Custom Size	11.5	D70CU (12T Crimp)
ECSR95-STALK	95mm ²	75	Custom Size	17.4	Custom Size	14.2	D95CU (12T Crimp)
ECSR120-STALK	120mm ²	84	Custom Size	20.0	Custom Size	16.5	D120CU (12T Crimp)
ECSR150-STALK	150mm ²	88	Custom Size	22.5	Custom Size	18.3	D150CU (12T Crimp)
ECSR185-STALK	185mm ²	93	Custom Size	24.2	Custom Size	20.0	D185CU (12T Crimp)
ECSR240-STALK	240mm ²	98	Custom Size	27.8	Custom Size	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR300-STALK	300mm ²	102	Custom Size	31.3	Custom Size	26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR400-STALK	400mm ²	106	Custom Size	34.8	Custom Size	28.1	D400CU (12T Crimp) / DCL400 (30T Crimp)
ECSR500-STALK	500mm ²	110	Custom Size	39.0	Custom Size	31.0	DCL500 (30T Crimp)
ECSR630-STALK	630mm ²	130	Custom Size	45.0	Custom Size	37.0	DCL630 (30T Crimp)

Please provide the following details when ordering Copper Stalk Lugs:

ELECTRICAL CONNECTIONS ORDER FORM – COPPER STALK LUGS

Company		Phone	
Contact		Email	
Delivery Address			
Qty. Required		Order No.	
Required by			
Conductor Size		mm ²	
Dimensions			
Stalk Length B		Stalk Diameter D	

Copper Pin Connectors

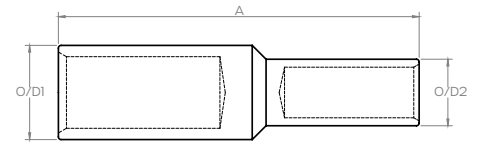
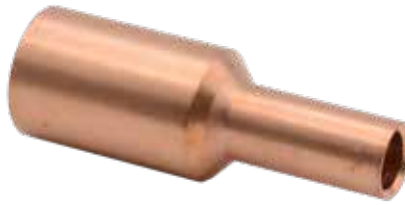


i SPECIFICATIONS

Part No.	Cable Size	A	E	O/D	A/F Hex Die mm	Die Part number
EPCU10	10mm ²	22	8	6.5	5.7	D10CU (12T Crimp)
EPCU16	16mm ²	4	22.5	9.5	7.7	D16CU (12T Crimp)
EPCU25	25mm ²	42	22.5	9.5	7.7	D25CU (12T Crimp)
EPCU35	35mm ²	53	24	11.5	9.2	D35CU (12T Crimp)

Copper Reducing Links

Manufactured from solid copper high conductivity rod. Please be advised most sizes are manufactured to order and are not eligible for return or credit.



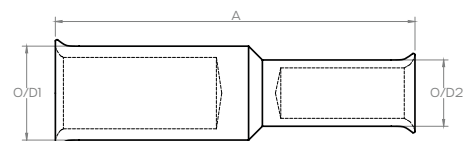
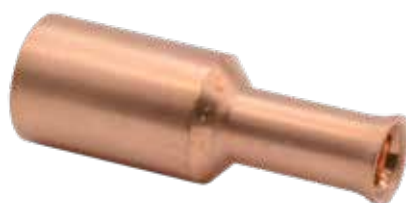
SPECIFICATIONS

	Cable Size		Dimensions mm			Crimp Die Info			
	Large End	Small End	A	O/D Large End	O/D Small End	Large End		Small End	
Part No.	A/F mm					Die Part Number	A/F mm	Die Part Number	
ECSR10-6	10mm ²	6mm ²	30	7.1	5.5	5.7	D10CU (12T Crimp)	Indent Tooling	
ECSR16-6	16mm ²	6mm ²	40	9.6	5.5	7.7	D25CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR16-10		10mm ²	40	9.6	7.1	7.7			
ECSR25-6	25mm ²	6mm ²	40	9.5	5.5	7.7	D25CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR25-10		10mm ²	40	9.5	7.1	7.7			
ECSR25-16		16mm ²	45	9.5	9.6	7.7			
ECSR35-6	35mm ²	6mm ²	45	11.5	5.5	9.2	D35CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR35-10		10mm ²	45	11.5	7.1	9.2			
ECSR35-16		16mm ²	45	11.5	9.6	9.2			
ECSR35-25		25mm ²	45	11.5	9.6	9.2			
ECSR50-10	50mm ²	10mm ²	58	12.8	7.1	10.4	D50CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR50-16		16mm ²	58	12.8	9.6	10.4			
ECSR50-25		25mm ²	58	12.8	9.6	10.4			
ECSR50-35		35mm ²	58	12.8	11.5	10.4			
ECSR70-16	70mm ²	16mm ²	66	14.7	9.6	11.5	D70CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR70-25		25mm ²	66	14.7	9.6	11.5			
ECSR70-35		35mm ²	66	14.7	11.5	11.5			
ECSR70-50		50mm ²	66	14.7	12.8	11.5			
ECSR95-16	95mm ²	16mm ²	75	17.4	9.6	14.2	D95CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR95-25		25mm ²	75	17.4	9.6	14.2			
ECSR95-35		35mm ²	75	17.4	11.5	14.2			
ECSR95-50		50mm ²	75	17.4	12.8	14.2			
ECSR95-70		70mm ²	75	17.4	14.7	14.2			
ECSR120-16	120mm ²	16mm ²	84	20.0	9.6	16.5	D120CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR120-25		25mm ²	84	20.0	9.6	16.5			
ECSR120-35		35mm ²	84	20.0	11.5	16.5			
ECSR120-50		50mm ²	84	20.0	12.8	16.5			
ECSR120-70		70mm ²	84	20.0	14.7	16.5			
ECSR120-95		95mm ²	84	20.0	17.4	16.5			
ECSR150-16	150mm ²	16mm ²	88	22.5	9.6	18.3	D150CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR150-25		25mm ²	88	22.5	9.6	18.3			
ECSR150-35		35mm ²	88	22.5	11.5	18.3			
ECSR150-50		50mm ²	88	22.5	12.8	18.3			
ECSR150-70		70mm ²	88	22.5	14.7	18.3			
ECSR150-95		95mm ²	88	22.5	17.4	18.3			
ECSR150-120		120mm ²	88	22.5	20.0	18.3			

	Cable Size		Dimensions mm			Crimp Die Info			
	Large End	Small End	A	O/D Large End	O/D Small End	Large End		Small End	
Part No.						A/F mm	Die Part Number	A/F mm	Die Part Number
ECSR185-25	185mm ²	25mm ²	93	24.2	9.6	20.0	D185CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR185-35		35mm ²	93	24.2	11.5	20.0		9.2	D35CU (12T Crimp)
ECSR185-50		50mm ²	93	24.2	12.8	20.0		10.4	D50CU (12T Crimp)
ECSR185-70		70mm ²	93	24.2	14.7	20.0		11.5	D70CU (12T Crimp)
ECSR185-95		95mm ²	93	24.2	17.4	20.0		14.2	D95CU (12T Crimp)
ECSR185-120		120mm ²	93	24.2	20.0	20.0		16.5	D120CU (12T Crimp)
ECSR185-150		150mm ²	93	24.2	22.5	20.0		18.3	D150CU (12T Crimp)
ECSR240-25	240mm ²	25mm ²	98	27.8	9.6	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)	7.7	D25CU (12T Crimp)
ECSR240-35		35mm ²	98	27.8	11.5	23.1		9.2	D35CU (12T Crimp)
ECSR240-50		50mm ²	98	27.8	12.8	23.1		10.4	D50CU (12T Crimp)
ECSR240-70		70mm ²	98	27.8	14.7	23.1		11.5	D70CU (12T Crimp)
ECSR240-95		95mm ²	98	27.8	17.4	23.1		14.2	D95CU (12T Crimp)
ECSR240-120		120mm ²	98	27.8	20.0	23.1		16.5	D120CU (12T Crimp)
ECSR240-150		150mm ²	98	27.8	22.5	23.1		18.3	D150CU (12T Crimp)
ECSR240-185		185mm ²	98	27.8	24.2	23.1		20.0	D185CU (12T Crimp)
ECSR300-25	300mm ²	25mm ²	102	31.3	9.6	26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)	7.7	D25CU (12T Crimp)
ECSR300-35		35mm ²	102	31.3	11.5	26.0		9.2	D35CU (12T Crimp)
ECSR300-50		50mm ²	102	31.3	12.8	26.0		10.4	D50CU (12T Crimp)
ECSR300-70		70mm ²	102	31.3	14.7	26.0		11.5	D70CU (12T Crimp)
ECSR300-95		95mm ²	102	31.3	17.4	26.0		14.2	D95CU (12T Crimp)
ECSR300-120		120mm ²	102	31.3	20.0	26.0		16.5	D120CU (12T Crimp)
ECSR300-150		150mm ²	102	31.3	22.5	26.0		18.3	D150CU (12T Crimp)
ECSR300-185		185mm ²	102	31.3	24.2	26.0		20.0	D185CU (12T Crimp)
ECSR300-240		240mm ²	102	31.3	27.8	26.0		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR400-25	400mm ²	25mm ²	106	34.8	9.6	28.1	D400CU (12T Crimp) / DCL400 (30T Crimp)	7.7	D25CU (12T Crimp)
ECSR400-35		35mm ²	106	34.8	11.5	28.1		9.2	D35CU (12T Crimp)
ECSR400-50		50mm ²	106	34.8	12.8	28.1		10.4	D50CU (12T Crimp)
ECSR400-70		70mm ²	106	34.8	14.7	28.1		11.5	D70CU (12T Crimp)
ECSR400-95		95mm ²	106	34.8	17.4	28.1		14.2	D95CU (12T Crimp)
ECSR400-120		120mm ²	106	34.8	20.0	28.1		16.5	D120CU (12T Crimp)
ECSR400-150		150mm ²	106	34.8	22.5	28.1		18.3	D150CU (12T Crimp)
ECSR400-185		185mm ²	106	34.8	24.2	28.1		20.0	D185CU (12T Crimp)
ECSR400-240		240mm ²	106	34.8	27.8	28.1		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR400-300		300mm ²	106	34.8	31.3	28.1		26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR500-50	500mm ²	50mm ²	110	39.0	12.8	31.0	DCL500 (30T Crimp)	10.4	D50CU (12T Crimp)
ECSR500-70		70mm ²	110	39.0	14.7	31.0		11.5	D70CU (12T Crimp)
ECSR500-95		95mm ²	110	39.0	17.4	31.0		14.2	D95CU (12T Crimp)
ECSR500-120		120mm ²	110	39.0	20.0	31.0		16.5	D120CU (12T Crimp)
ECSR500-150		150mm ²	110	39.0	22.5	31.0		18.3	D150CU (12T Crimp)
ECSR500-185		185mm ²	110	39.0	24.2	31.0		20.0	D185CU (12T Crimp)
ECSR500-240		240mm ²	110	39.0	27.8	31.0		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR500-300		300mm ²	110	39.0	31.3	31.0		26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR500-400		400mm ²	110	39.0	34.8	31.0		28.1	DCL400 (30T Crimp)
ECSR630-70	630mm ²	70mm ²	130	45.0	14.7	37.0	DCL630 (30T Crimp)	11.5	D70CU (12T Crimp)
ECSR630-95		95mm ²	130	45.0	17.4	37.0		14.2	D95CU (12T Crimp)
ECSR630-120		120mm ²	130	45.0	20.0	37.0		16.5	D120CU (12T Crimp)
ECSR630-150		150mm ²	130	45.0	22.5	37.0		18.3	D150CU (12T Crimp)
ECSR630-185		185mm ²	130	45.0	24.2	37.0		20.0	D185CU (12T Crimp)
ECSR630-240		240mm ²	130	45.0	27.8	37.0		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR630-300		300mm ²	130	45.0	31.3	37.0		26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR630-400		400mm ²	130	45.0	34.8	37.0		28.1	DCL400 (30T Crimp)
ECSR630-500		500mm ²	130	45.0	39.0	37.0		31.0	DCL500 (30T Crimp)

Copper Reducing Links Bellmouth

Manufactured from solid copper high conductivity rod. Featuring a bellmouth cable entry, providing ease of use with fine-stranded flexible cables. Please be advised most sizes are manufactured to order and are not eligible for return or credit.



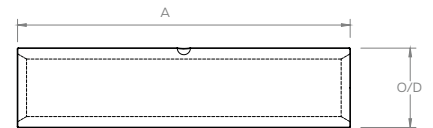
SPECIFICATIONS

	Cable Size		Dimensions mm			Crimp Die Info			
	Large End	Small End	A	O/D Large End	O/D Small End	Large End		Small End	
Part No.	A/F mm					Die Part Number	A/F mm	Die Part Number	
ECSR16-10BM	16mm ²	10mm ²	40	9.6	7.1	7.7	D25CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR25-10BM	25mm ²	10mm ²	40	9.5	7.1	7.7	D25CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR25-16BM		16mm ²	45	9.5	9.6	7.7		7.7	D25CU (12T Crimp)
ECSR35-10BM	35mm ²	10mm ²	45	11.5	7.1	9.2	D35CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR35-16BM		16mm ²	45	11.5	9.6	9.2		7.7	D25CU (12T Crimp)
ECSR35-25BM		25mm ²	45	11.5	9.6	9.2		7.7	D25CU (12T Crimp)
ECSR50-10BM	50mm ²	10mm ²	58	12.8	7.1	10.4	D50CU (12T Crimp)	5.7	D10CU (12T Crimp)
ECSR50-16BM		16mm ²	58	12.8	9.6	10.4		7.7	D25CU (12T Crimp)
ECSR50-25BM		25mm ²	58	12.8	9.6	10.4		7.7	D25CU (12T Crimp)
ECSR50-35BM		35mm ²	58	12.8	11.5	10.4		9.2	D35CU (12T Crimp)
ECSR70-16BM	70mm ²	16mm ²	66	14.7	9.6	11.5	D70CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR70-25BM		25mm ²	66	14.7	9.6	11.5		7.7	D25CU (12T Crimp)
ECSR70-35BM		35mm ²	66	14.7	11.5	11.5		9.2	D35CU (12T Crimp)
ECSR70-50BM		50mm ²	66	14.7	12.8	11.5		10.4	D50CU (12T Crimp)
ECSR95-16BM	95mm ²	16mm ²	75	17.4	9.6	14.2	D95CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR95-25BM		25mm ²	75	17.4	9.6	14.2		7.7	D25CU (12T Crimp)
ECSR95-35BM		35mm ²	75	17.4	11.5	14.2		9.2	D35CU (12T Crimp)
ECSR95-50BM		50mm ²	75	17.4	12.8	14.2		10.4	D50CU (12T Crimp)
ECSR95-70BM		70mm ²	75	17.4	14.7	14.2		11.5	D70CU (12T Crimp)
ECSR120-16BM	120mm ²	16mm ²	84	20.0	9.6	16.5	D120CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR120-25 BM		25mm ²	84	20.0	9.6	16.5		7.7	D25CU (12T Crimp)
ECSR120-35BM		35mm ²	84	20.0	11.5	16.5		9.2	D35CU (12T Crimp)
ECSR120-50BM		50mm ²	84	20.0	12.8	16.5		10.4	D50CU (12T Crimp)
ECSR120-70BM		70mm ²	84	20.0	14.7	16.5		11.5	D70CU (12T Crimp)
ECSR120-95BM		95mm ²	84	20.0	17.4	16.5		14.2	D95CU (12T Crimp)
ECSR150-16BM	150mm ²	16mm ²	88	22.5	9.6	18.3	D150CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR150-25BM		25mm ²	88	22.5	9.6	18.3		7.7	D25CU (12T Crimp)
ECSR150-35BM		35mm ²	88	22.5	11.5	18.3		9.2	D35CU (12T Crimp)
ECSR150-50BM		50mm ²	88	22.5	12.8	18.3		10.4	D50CU (12T Crimp)
ECSR150-70BM		70mm ²	88	22.5	14.7	18.3		11.5	D70CU (12T Crimp)
ECSR150-95BM		95mm ²	88	22.5	17.4	18.3		14.2	D95CU (12T Crimp)
ECSR150-120BM		120mm ²	88	22.5	20.0	18.3		16.5	D120CU (12T Crimp)

	Cable Size		Dimensions mm			Crimp Die Info			
	Large End	Small End	A	O/D Large End	O/D Small End	Large End		Small End	
Part No.	A/F mm					Die Part Number	A/F mm	Die Part Number	
ECSR185-25BM	185mm ²	25mm ²	93	24.2	9.6	20.0	D185CU (12T Crimp)	7.7	D25CU (12T Crimp)
ECSR185-35BM		35mm ²	93	24.2	11.5	20.0		9.2	D35CU (12T Crimp)
ECSR185-50BM		50mm ²	93	24.2	12.8	20.0		10.4	D50CU (12T Crimp)
ECSR185-70BM		70mm ²	93	24.2	14.7	20.0		11.5	D70CU (12T Crimp)
ECSR185-95BM		95mm ²	93	24.2	17.4	20.0		14.2	D95CU (12T Crimp)
ECSR185-120BM		120mm ²	93	24.2	20.0	20.0		16.5	D120CU (12T Crimp)
ECSR185-150BM		150mm ²	93	24.2	22.5	20.0		18.3	D150CU (12T Crimp)
ECSR240-25BM	240mm ²	25mm ²	98	27.8	9.6	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)	7.7	D25CU (12T Crimp)
ECSR240-35BM		35mm ²	98	27.8	11.5	23.1		9.2	D35CU (12T Crimp)
ECSR240-50BM		50mm ²	98	27.8	12.8	23.1		10.4	D50CU (12T Crimp)
ECSR240-70BM		70mm ²	98	27.8	14.7	23.1		11.5	D70CU (12T Crimp)
ECSR240-95BM		95mm ²	98	27.8	17.4	23.1		14.2	D95CU (12T Crimp)
ECSR240-120BM		120mm ²	98	27.8	20.0	23.1		16.5	D120CU (12T Crimp)
ECSR240-150BM		150mm ²	98	27.8	22.5	23.1		18.3	D150CU (12T Crimp)
ECSR240-185BM		185mm ²	98	27.8	24.2	23.1		20.0	D185CU (12T Crimp)
ECSR300-25BM	300mm ²	25mm ²	102	31.3	9.6	26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)	7.7	D25CU (12T Crimp)
ECSR300-35BM		35mm ²	102	31.3	11.5	26.0		9.2	D35CU (12T Crimp)
ECSR300-50BM		50mm ²	102	31.3	12.8	26.0		10.4	D50CU (12T Crimp)
ECSR300-70BM		70mm ²	102	31.3	14.7	26.0		11.5	D70CU (12T Crimp)
ECSR300-95BM		95mm ²	102	31.3	17.4	26.0		14.2	D95CU (12T Crimp)
ECSR300-120BM		120mm ²	102	31.3	20.0	26.0		16.5	D120CU (12T Crimp)
ECSR300-150BM		150mm ²	102	31.3	22.5	26.0		18.3	D150CU (12T Crimp)
ECSR300-185BM		185mm ²	102	31.3	24.2	26.0		20.0	D185CU (12T Crimp)
ECSR300-240BM		240mm ²	102	31.3	27.8	26.0		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR400-25BM	400mm ²	25mm ²	106	34.8	9.6	28.1	D400CU (12T Crimp) / DCL400 (30T Crimp)	7.7	D25CU (12T Crimp)
ECSR400-35BM		35mm ²	106	34.8	11.5	28.1		9.2	D35CU (12T Crimp)
ECSR400-50BM		50mm ²	106	34.8	12.8	28.1		10.4	D50CU (12T Crimp)
ECSR400-70BM		70mm ²	106	34.8	14.7	28.1		11.5	D70CU (12T Crimp)
ECSR400-95BM		95mm ²	106	34.8	17.4	28.1		14.2	D95CU (12T Crimp)
ECSR400-120BM		120mm ²	106	34.8	20.0	28.1		16.5	D120CU (12T Crimp)
ECSR400-150BM		150mm ²	106	34.8	22.5	28.1		18.3	D150CU (12T Crimp)
ECSR400-185BM		185mm ²	106	34.8	24.2	28.1		20.0	D185CU (12T Crimp)
ECSR400-240BM		240mm ²	106	34.8	27.8	28.1		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR400-300BM		300mm ²	106	34.8	31.3	28.1		26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR500-50BM	500mm ²	50mm ²	110	39.0	12.8	31.0	DCL500 (30T Crimp)	10.4	D50CU (12T Crimp)
ECSR500-70BM		70mm ²	110	39.0	14.7	31.0		11.5	D70CU (12T Crimp)
ECSR500-95BM		95mm ²	110	39.0	17.4	31.0		14.2	D95CU (12T Crimp)
ECSR500-120BM		120mm ²	110	39.0	20.0	31.0		16.5	D120CU (12T Crimp)
ECSR500-150BM		150mm ²	110	39.0	22.5	31.0		18.3	D150CU (12T Crimp)
ECSR500-185BM		185mm ²	110	39.0	24.2	31.0		20.0	D185CU (12T Crimp)
ECSR500-240BM		240mm ²	110	39.0	27.8	31.0		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR500-300BM		300mm ²	110	39.0	31.3	31.0		26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR500-400BM		400mm ²	110	39.0	34.8	31.0		28.1	DCL400 (30T Crimp)
ECSR630-70BM	630mm ²	70mm ²	130	45.0	14.7	37.0	DCL630 (30T Crimp)	11.5	D70CU (12T Crimp)
ECSR630-95BM		95mm ²	130	45.0	17.4	37.0		14.2	D95CU (12T Crimp)
ECSR630-120BM		120mm ²	130	45.0	20.0	37.0		16.5	D120CU (12T Crimp)
ECSR630-150BM		150mm ²	130	45.0	22.5	37.0		18.3	D150CU (12T Crimp)
ECSR630-185BM		185mm ²	130	45.0	24.2	37.0		20.0	D185CU (12T Crimp)
ECSR630-240BM		240mm ²	130	45.0	27.8	37.0		23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSR630-300BM		300mm ²	130	45.0	31.3	37.0		26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSR630-400BM		400mm ²	130	45.0	34.8	37.0		28.1	DCL400 (30T Crimp)
ECSR630-500BM		500mm ²	130	45.0	39.0	37.0		31.0	DCL500 (30T Crimp)

Copper Crimp Links

Used for joining identical-sized copper conductors. Manufactured from 99.95% pure high-conductivity copper.

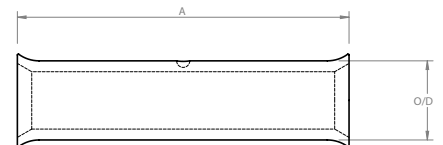


SPECIFICATIONS

Part No.	Cable Size	Dimensions		Crimp Die Info	
		A	O/D	A/F mm	Die Part number
ECS1.5	1.5mm ²	22	3.7		Indent Tooling
ECS2.5	2.5mm ²	22	4.0		Indent Tooling
ECS4	4mm ²	22	4.8		Indent Tooling
ECS6	6mm ²	22	5.5		Indent Tooling
ECS10	10mm ²	22	7.1	5.7	
ECS16	16mm ²	44	7.9	6.3	
ECS25	25mm ²	48	9.5	7.7	D25CU (12T Crimp)
ECS35	35mm ²	48	11.5	9.2	D35CU (12T Crimp)
ECS50	50mm ²	48	12.8	10.4	D50CU (12T Crimp)
ECS70	70mm ²	52	14.7	11.5	D70CU (12T Crimp)
ECS95	95mm ²	54	17.4	14.2	D95CU (12T Crimp)
ECS120	120mm ²	66	20.0	16.5	D120CU (12T Crimp)
ECS150	150mm ²	66	22.5	18.3	D150CU (12T Crimp)
ECS185	185mm ²	66	24.2	20.0	D185CU (12T Crimp)
ECS240	240mm ²	91	27.8	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECS300	300mm ²	91	31.3	26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECS400	400mm ²	91	34.8	28.1	D400CU (12T Crimp) / DCL400 (30T Crimp)
ECS500	500mm ²	114	39.0	31.0	DCL500 (30T Crimp)
ECS630	630mm ²	114	45.0	37.0	DCL630 (30T Crimp)

Copper Crimp Links Bellmouth

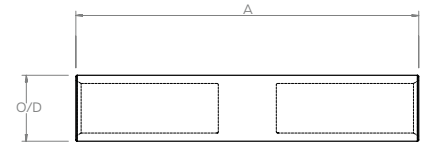
Used for joining identical sized fine-stranded flexible copper conductors. Featuring a bellmouth cable entry, providing ease of use with fine-stranded flexible cables.



Part No.	Cable Size	Dimensions		Crimp Die Info	
		A	O/D	A/F mm	Die Part number
ECS16-BM	16mm ²	44	7.9	6.3	
ECS25-BM	25mm ²	48	9.5	7.7	D25CU (12T Crimp)
ECS35-BM	35mm ²	48	11.5	9.2	D35CU (12T Crimp)
ECS50-BM	50mm ²	48	12.8	10.4	D50CU (12T Crimp)
ECS70-BM	70mm ²	52	14.7	11.5	D70CU (12T Crimp)
ECS95-BM	95mm ²	54	17.4	14.2	D95CU (12T Crimp)
ECS120-BM	120mm ²	66	20.0	16.5	D120CU (12T Crimp)
ECS150-BM	150mm ²	66	22.5	18.3	D150CU (12T Crimp)
ECS185-BM	185mm ²	66	24.2	20.0	D185CU (12T Crimp)
ECS240-BM	240mm ²	91	27.8	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECS300-BM	300mm ²	91	31.3	26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECS400-BM	400mm ²	91	34.8	28.1	D400CU (12T Crimp) / DCL400 (30T Crimp)
ECS500-BM	500mm ²	114	39.0	31.0	DCL500 (30T Crimp)
ECS630-BM	630mm ²	114	45.0	37.0	DCL630 (30T Crimp)

Copper Barrier Links

Used for applications demanding a solid blocking barrier in the joint between two identical cables. Manufactured from 99.95% pure high conductivity copper. Crimped with standard crimp tooling. Certain sizes are supplied untinned, offering flexibility to suit various requirements. Custom lengths and sizes available.



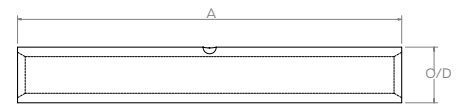
SPECIFICATIONS

Part No.	Cable Size	Dimensions mm		Crimp Die Info	
		A	O/D	A/F mm	Die Part number
ECSB1.5	1.5mm ²	23.5	4		Indent Tooling
ECSB2.5	2.5mm ²	23.5	4		Indent Tooling
ECSB4	4mm ²	23.5	5.2		Indent Tooling
ECSB6	6mm ²	23.5	5.5		Indent Tooling
ECSB10	10mm ²	28.0	7.1	5.7	
ECSB16	16mm ²	55	7.9	6.3	
ECSB25	25mm ²	60	9.6	7.7	D25CU (12T Crimp)
ECSB35	35mm ²	60	11.6	9.2	D35CU (12T Crimp)
ECSB50	50mm ²	65	12.8	10.4	D50CU (12T Crimp)
ECSB70	70mm ²	70	14.8	11.5	D70CU (12T Crimp)
ECSB95	95mm ²	80	17.5	14.2	D95CU (12T Crimp)
ECSB120	120mm ²	85	20	16.5	D120CU (12T Crimp)
ECSB150	150mm ²	85	22.5	18.3	D150CU (12T Crimp)
ECSB185	185mm ²	90	24.2	20	D185CU (12T Crimp)
ECSB240	240mm ²	105	27.8	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSB300	300mm ²	115	31.3	26	D300CU (12T Crimp) / DCL300 (30T Crimp)
ECSB400	400mm ²	145	34.8	28.1	D400CU (12T Crimp) / DCL400 (30T Crimp)
ECSB500	500mm ²	150	39	31	DCL500 (30T Crimp)
ECSB630	630mm ²	150	45	37.	DCL630 (30T Crimp)



Copper Full Tension Sleeves

Used for joining hard drawn overhead conductors. Manufactured from 99.9% high conductivity copper. Crimping with traditional 'Y' or 'R' type groove crimpers.



Metric					
Part No.	Nominal Conductor	Stranding No. and Dia	Sleeve O/D mm	Length mm	Tool Type and Groove
EC-FTS7/1.35	10.0mm ²	7/1.35	7.94	64	Y-7.94
EC-FTS7/1.70	16.0mm ²	7/1.70	7.94	64	Y-7.94
EC-FTS7/2.14	25.0mm ²	7/2.14	9.52	76	R-9.52
EC-FTS19/1.53	35.0mm ²	19/1.53	12.7	89	R-12.70
EC-FTS19/1.78	50.0mm ²	19/1.78	15.88	127	R-15.88
EC-FTS19/2.14	70.0mm ²	19/2.14	15.88	127	R-15.88

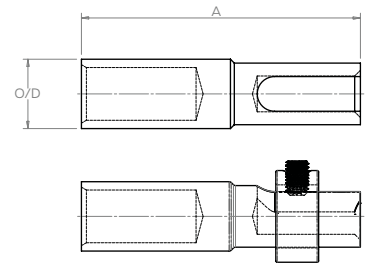
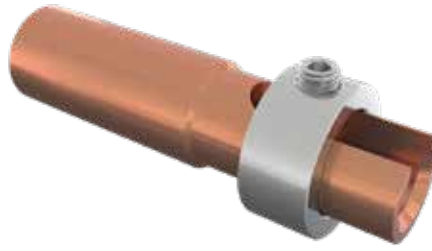
Imperial					
Part No.	Nominal Conductor	Stranding No. and Dia	Sleeve O/D mm	Length mm	Tool Type and Groove
EC-FTS7/044	6.75mm ²	7/044	6.35	38	Y-6.35
EC-FTS7/052	9.43mm ²	7/052	7.94	64	Y-7.94
EC-FTS7/064	14.28mm ²	7/064	7.94	64	Y-7.94
EC-FTS19/052	25.5mm ²	19/052	9.52	76	R-9.52
EC-FTS19/064	39.65mm ²	19/064	12.7	89	R-12.70
EC-FTS19/083	65.1mm ²	19/083	15.88	127	R-15.88



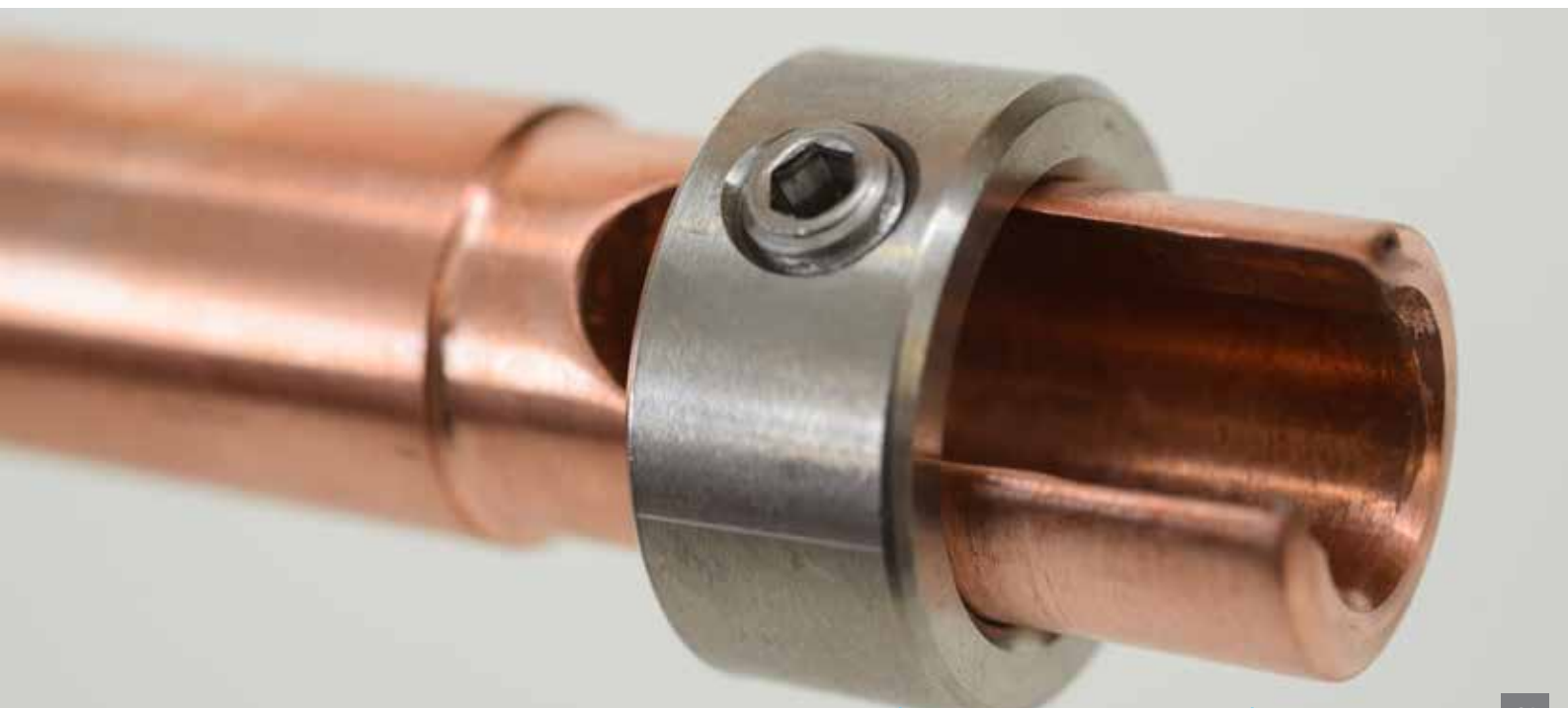
Copper Switchgear Connectors

SPECIFICATIONS

Used for termination of copper cables to a 12mm switchgear stem, compatible with certain brands of medium voltage switchgear. Manufactured from high-purity copper, featuring a precision machined slot designed to accommodate the 12mm stem. Equipped with a stainless steel locking collar, the connector is securely fastened to the switchgear stem after crimping to the cable. The final connection is achieved through a grub screw in the collar, ensuring a reliable and robust termination process.



Part No.	Cable Size	Dimensions mm			Crimp Die Info	
		Switchgear Stem Diameter	A	O/D	A/F mm	Die Part number
ECSRSC16	16mm ²	12	70	9.6	7.7	D25CU (12T Crimp)
ECSRSC25	25mm ²	12	72	9.6	7.7	D25CU (12T Crimp)
ECSRSC35	35mm ²	12	72	11.5	9.2	D35CU (12T Crimp)
ECSRSC50	50mm ²	12	74	12.8	10.4	D50CU (12T Crimp)
ECSRSC70	70mm ²	12	77	14.7	11.5	D70CU (12T Crimp)
ECSRSC95	95mm ²	12	80	17.4	14.2	D95CU (12T Crimp)
ECSRSC120	120mm ²	12	82	20	16.5	D120CU (12T Crimp)
ECSRSC150	150mm ²	12	87	22.5	18.3	D150CU (12T Crimp)
ECSRSC185	185mm ²	12	87	24.2	20.0	D185CU (12T Crimp)
ECSRSC240	240mm ²	12	90	27.8	23.1	D240CU (12T Crimp) / DCL240 (30T Crimp)
ECSRSC300	300mm ²	12	95	31.3	26.0	D300CU (12T Crimp) / DCL300 (30T Crimp)

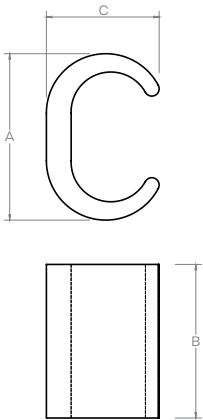


Copper C
Connectors

Used for the interconnection of distribution earthing grids. Manufactured from high conductivity copper, with a durable tin plating. Crimped using designated compression dies, as detailed in the chart below. Refer to the provided chart to determine the specific C connector for your application.



i SPECIFICATIONS



		Dimensions mm			
Part No.	Conductor Range	A	B	C	Compression Die
CC16	14.5-16	11.8	13	7.8	DCT16
CC20	16.5-20	12.8	13	9.7	DCT20
CC26	21-26	14.7	16	10	DCT26
CC44	27-44	19.0	20	14.4	DCT44
CC60	45-60	21	22	15.4	DCT60
CC70 (Untinned)	50-70	33.9	24.8	21.2	DCT70
CC76	61-76	24.4	22	17.6	DCT76
CC98	77-98	27.8	25	18.8	DCT98
CC122	99-122	29.8	26	21.2	DCT122
CC154	123-154	34	28	24.4	DCT154
CC190	155-190	37	35	25.4	DCT190
CC240	191-240	40	40	28.5	DCT240
CC288	241-288	44.5	45	31.1	DCT288
CC365	289-365	47.5	50	34	DCT365



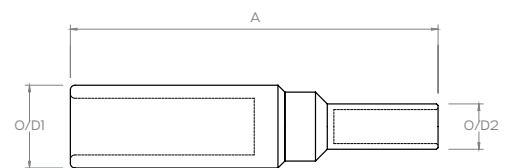


Bimetal Lugs and Links

Bimetal Reducing Links

Used to provide a reliable transition between aluminium and copper cables. Manufactured from high conductivity aluminium and copper. Complete with jointing compound in the aluminium barrel, capped end and compression die information. Customised links can be made to order.

Note: Also available for Named Conductors.



SPECIFICATIONS

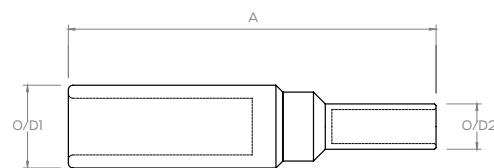
Part No.	Nominal Cable Size		Dimensions mm				Crimp Die Info			
	AL	Cu	A	O/D 1	O/D 2	A/F mm	Large End (Al)		Small End (Cu)	
							Die Part Number	A/F mm	Die Part Number	
BLK25-16	25mm ²	16mm ²	82	12	9.5	9.0	DA25/35(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK25-25		25mm ²	82	12	9.5	9.0		7.7	D25CU(12T Crimp)	
BLK35-16	35mm ²	16mm ²	72	12	9.5	9.0	DA25/35(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK35-25		25mm ²	72	12	9.5	9.0		7.7	D25CU(12T Crimp)	
BLK35-35		35mm ²	72	12	11.5	9.0		9.2	D35CU(12T Crimp)	
BLK50-16	50mm ²	16mm ²	105	16	9.5	13.2	DA50/70(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK50-25		25mm ²	105	16	9.5	13.2		7.7	D25CU(12T Crimp)	
BLK50-35		35mm ²	105	16	11.5	13.2		9.2	D35CU(12T Crimp)	
BLK70-16	70mm ²	16mm ²	105	16	9.5	13.2	DA50/70(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK70-25		25mm ²	105	16	9.5	13.2		7.7	D25CU(12T Crimp)	
BLK70-35		35mm ²	105	16	11.5	13.2		9.2	D35CU(12T Crimp)	
BLK70-50		50mm ²	105	16	12.8	13.2		10.4	D50CU(12T Crimp)	
BLK70-70		70mm ²	105	16	14.7	13.2		11.5	D70CU(12T Crimp)	
BLK95-16	95mm ²	16mm ²	110	21.5	9.5	17.3	DA95/120(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK95-25		25mm ²	110	21.5	9.5	17.3		7.7	D25CU(12T Crimp)	
BLK95-35		35mm ²	110	21.5	9.5	17.3		9.2	D35CU(12T Crimp)	
BLK95-50		50mm ²	110	21.5	12.0	17.3		10.4	D50CU(12T Crimp)	
BLK95-70		70mm ²	110	21.5	14.7	17.3		11.5	D70CU(12T Crimp)	
BLK120-16	120mm ²	16mm ²	110	21.5	9.5	17.3	DA95/120(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK120-25		25mm ²	110	21.5	9.5	17.3		7.7	D25CU(12T Crimp)	
BLK120-35		35mm ²	110	21.5	11.5	17.3		9.2	D35CU(12T Crimp)	
BLK120-50		50mm ²	110	21.5	12.8	17.3		10.4	D50CU(12T Crimp)	
BLK120-70		70mm ²	110	21.5	14.7	17.3		11.5	D70CU(12T Crimp)	
BLK120-95		95mm ²	110	21.5	17.4	17.3		14.2	D95CU(12T Crimp)	
BLK150-16	150mm ²	16mm ²	120	27	9.5	22.0	DA150/185(12T Crimp)	7.7	D25CU(12T Crimp)	
BLK150-25		25mm ²	120	27	9.5	22.0		7.7	D25CU(12T Crimp)	
BLK150-35		35mm ²	120	27	11.5	22.0		9.2	D35CU(12T Crimp)	
BLK150-50		50mm ²	120	27	12.8	22.0		10.4	D50CU(12T Crimp)	
BLK150-70		70mm ²	120	27	14.7	22.0		11.5	D70CU(12T Crimp)	
BLK150-95		95mm ²	120	27	17.4	22.0		14.2	D95CU(12T Crimp)	
BLK185-16	185mm ²	16mm ²	120	27	9.5	22.0	DA150/185(12T Crimp)	16.5	D120CU(12T Crimp)	
BLK185-25		25mm ²	120	27	9.5	22.0		7.7	D25CU(12T Crimp)	
BLK185-35		35mm ²	120	27	11.5	22.0		9.2	D35CU(12T Crimp)	
BLK185-50		50mm ²	120	27	12.8	22.0		10.4	D50CU(12T Crimp)	
BLK185-70		70mm ²	120	27	14.7	22.0		11.5	D70CU(12T Crimp)	
BLK185-95		95mm ²	120	27	17.4	22.0		14.2	D95CU(12T Crimp)	
BLK185-120		120mm ²	120	27	20.0	22.0		16.5	D120CU(12T Crimp)	
BLK185-150		150mm ²	120	27	22.5	22.0		18.3	D150CU(12T Crimp)	

Nominal Cable Size			Dimensions mm			Crimp Die Info			
Part No.	AL	Cu	A	O/D 1	O/D 2	Large End (Al)		Small End (Cu)	
						A/F mm	Die Part Number	A/F mm	Die Part Number
BLK240-16	240mm²	16mm²	130	35	9.5	28.4	DA240/300 (12T Crimp) / DAL240/300 (30T Crimp)	7.7	D25CU(12T Crimp)
BLK240-25		25mm²	130	35	9.5	28.4		7.7	D25CU(12T Crimp)
BLK240-35		35mm²	130	35	11.5	28.4		9.2	D35CU(12T Crimp)
BLK240-50		50mm²	130	35	12.8	28.4		10.4	D50CU(12T Crimp)
BLK240-70		70mm²	130	35	14.7	28.4		11.5	D70CU(12T Crimp)
BLK240-95		95mm²	130	35	17.4	28.4		14.2	D95CU(12T Crimp)
BLK240-120		120mm²	130	35	20.0	28.4		16.5	D120CU(12T Crimp)
BLK240-150		150mm²	130	35	22.5	28.4		18.3	D150CU(12T Crimp)
BLK240-185	300mm²	185mm²	130	35	24.2	28.4	DA240/300 (12T Crimp) / DAL240/300 (30T Crimp)	7.7	D185CU(12T Crimp)
BLK300-16		16mm²	130	35	9.5	28.4		7.7	D25CU(12T Crimp)
BLK300-25		25mm²	130	35	9.5	28.4		7.7	D25CU(12T Crimp)
BLK300-35		35mm²	130	35	11.5	28.4		9.2	D35CU(12T Crimp)
BLK300-50		50mm²	130	35	12.8	28.4		10.4	D50CU(12T Crimp)
BLK300-70		70mm²	130	35	14.7	28.4		11.5	D70CU(12T Crimp)
BLK300-95		95mm²	130	35	17.4	28.4		14.2	D95CU(12T Crimp)
BLK300-120		120mm²	130	35	20.0	28.4		16.5	D120CU(12T Crimp)
BLK300-150	400mm²	150mm²	130	35	22.5	28.4	DAL400/500 (30T Crimp)	18.3	D150CU(12T Crimp)
BLK300-185		185mm²	130	35	24.2	28.4		20.0	D185CU(12T Crimp)
BLK300-240		240mm²	130	35	27.8	28.4		23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK400-25		25mm²	155	47	9.5	39.0		7.7	D25CU(12T Crimp)
BLK400-35		35mm²	155	47	11.5	39.0		9.2	D35CU(12T Crimp)
BLK400-50		50mm²	155	47	12.8	39.0		10.4	D50CU(12T Crimp)
BLK400-70		70mm²	155	47	14.7	39.0		11.5	D70CU(12T Crimp)
BLK400-95		95mm²	155	47	17.4	39.0		14.2	D95CU(12T Crimp)
BLK400-120	500mm²	120mm²	155	47	20.0	39.0	DAL400/500 (30T Crimp)	16.5	D120CU(12T Crimp)
BLK400-150		150mm²	155	47	22.5	39.0		18.3	D150CU(12T Crimp)
BLK400-185		185mm²	155	47	24.2	39.0		20.0	D185CU(12T Crimp)
BLK400-240		240mm²	155	47	27.8	39.0		23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK400-300		300mm²	155	47	31.3	39.0		26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK500-400		400mm²	155	47	34.8	39.0		28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK500-25	630mm²	25mm²	155	47	9.5	39.0	DAL400/500 (30T Crimp)	7.7	D25CU(12T Crimp)
BLK500-35		35mm²	155	47	11.5	39.0		9.2	D35CU(12T Crimp)
BLK500-50		50mm²	155	47	12.8	39.0		10.4	D50CU(12T Crimp)
BLK500-70		70mm²	155	47	14.7	39.0		11.5	D70CU(12T Crimp)
BLK500-95		95mm²	155	47	17.4	39.0		14.2	D95CU(12T Crimp)
BLK500-120		120mm²	155	47	20.0	39.0		16.5	D120CU(12T Crimp)
BLK500-150		150mm²	155	47	22.5	39.0		18.3	D150CU(12T Crimp)
BLK500-185		185mm²	155	47	24.2	39.0		20.0	D185CU(12T Crimp)
BLK500-240	800mm²	240mm²	155	47	27.8	39.0	DAL630/800 (30T Crimp)	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK500-300		300mm²	155	47	31.3	39.0		26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK500-400		400mm²	155	47	34.8	39.0		28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK630-25		25mm²	160	50	9.5	43.2		7.7	D25CU(12T Crimp)
BLK630-35		35mm²	160	50	11.5	43.2		9.2	D35CU(12T Crimp)
BLK630-50		50mm²	160	50	12.8	43.2		10.4	D50CU(12T Crimp)
BLK630-70		70mm²	160	50	14.7	43.2		11.5	D70CU(12T Crimp)
BLK630-95		95mm²	160	50	17.4	43.2		14.2	D95CU(12T Crimp)
BLK630-120	1000mm²	120mm²	160	50	20.0	43.2	DAL630/800 (30T Crimp)	16.5	D120CU(12T Crimp)
BLK630-150		150mm²	160	60	22.5	43.2		18.3	D150CU(12T Crimp)
BLK630-185		185mm²	160	60	24.2	43.2		20.0	D185CU(12T Crimp)
BLK630-240		240mm²	160	60	27.8	43.2		23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK630-300		300mm²	160	60	31.3	43.2		26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK630-400		400mm²	160	60	34.8	43.2		28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK630-500		500mm²	160	65	39.0	43.2		31.0	DCL500(30T Crimp)
BLK800-25		800mm²	25mm²	194	54	9.5		43.2	DAL630/800 (30T Crimp)
BLK800-35	35mm²		194	54	11.5	43.2	9.2	D35CU(12T Crimp)	
BLK800-50	50mm²		194	54	12.8	43.2	10.4	D50CU(12T Crimp)	
BLK800-70	70mm²		194	54	14.7	43.2	11.5	D70CU(12T Crimp)	
BLK800-95	95mm²		194	54	17.4	43.2	14.2	D95CU(12T Crimp)	
BLK800-120	120mm²		194	54	20.0	43.2	16.5	D120CU(12T Crimp)	
BLK800-150	150mm²		194	54	22.5	43.2	18.3	D150CU(12T Crimp)	
BLK800-185	185mm²		194	54	24.2	43.2	20.0	D185CU(12T Crimp)	
BLK800-240	1000mm²	240mm²	194	54	27.8	43.2	DAL630/800 (30T Crimp)	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK800-300		300mm²	194	54	31.3	43.2		26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK800-400		400mm²	194	54	34.8	43.2		28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK800-500		500mm²	194	54	39.0	43.2		31.0	DCL500(30T Crimp)
BLK1000	1000mm²	Available on request. Please contact the ECL team							

Bimetal Reducing Links - for Flexible Aluminium Cable

Used for flexible aluminium and/or flexible copper. Manufactured from electrical-grade aluminium and copper. Complete with jointing compound in the aluminium barrel, capped end and compression die information. Customised links can be made to order.

Note: If not flexible aluminium, remove FL from part code. If not flexible copper remove BM from code.



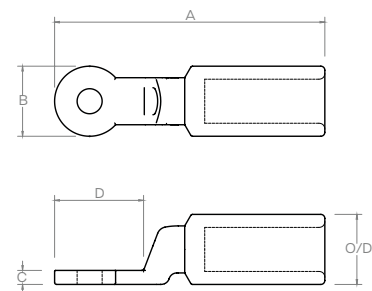
SPECIFICATIONS

Part No.	Nominal Cable Size		Dimensions mm			Crimp Die Info		
	AL	Cu	A	O/D 1	O/D 2	Large End (Al) A/F mm	Small End (Cu) A/F mm	Die Part Number
BLK25FL-16BM	25mm ²	16mm ²	73	12	9.5	9.0	7.7	D25CU(12T Crimp)
BLK25FL-25BM		25mm ²	73	12	9.5	9.0	7.7	D25CU(12T Crimp)
BLK35FL-16BM	35mm ²	16mm ²	105	16	9.5	13.2	7.7	D25CU(12T Crimp)
BLK35FL-25BM		25mm ²	105	16	9.5	13.2	7.7	D25CU(12T Crimp)
BLK35FL-35BM		35mm ²	105	16	11.5	13.2	9.2	D35CU(12T Crimp)
BLK50FL-16BM	50mm ²	16mm ²	105	16	9.5	13.2	7.7	D25CU(12T Crimp)
BLK50FL-25BM		25mm ²	105	16	9.5	13.2	7.7	D25CU(12T Crimp)
BLK50FL-35BM		35mm ²	105	16	11.5	13.2	9.2	D35CU(12T Crimp)
BLK70FL-16BM	70mm ²	16mm ²	110	21.5	9.5	17.3	7.7	D25CU(12T Crimp)
BLK70FL-25BM		25mm ²	110	21.5	9.5	17.3	7.7	D25CU(12T Crimp)
BLK70FL-35BM		35mm ²	110	21.5	9.5	17.3	9.2	D35CU(12T Crimp)
BLK70FL-50BM		50mm ²	110	21.5	12.0	17.3	10.4	D50CU(12T Crimp)
BLK70FL-70BM		70mm ²	110	21.5	14.7	17.3	11.5	D70CU(12T Crimp)
BLK95FL-16BM	95mm ²	16mm ²	110	21.5	9.5	17.3	7.7	D25CU(12T Crimp)
BLK95FL-25BM		25mm ²	110	21.5	9.5	17.3	7.7	D25CU(12T Crimp)
BLK95FL-35BM		35mm ²	110	21.5	11.5	17.3	9.2	D35CU(12T Crimp)
BLK95FL-50BM		50mm ²	110	21.5	12.8	17.3	10.4	D50CU(12T Crimp)
BLK95FL-70BM		70mm ²	110	21.5	14.7	17.3	11.5	D70CU(12T Crimp)
BLK120FL-16BM	120mm ²	16mm ²	120	27	9.5	22.0	7.7	D25CU(12T Crimp)
BLK120FL-25BM		25mm ²	120	27	9.5	22.0	7.7	D25CU(12T Crimp)
BLK120FL-35BM		35mm ²	120	27	11.5	22.0	9.2	D35CU(12T Crimp)
BLK120FL-50BM		50mm ²	120	27	12.8	22.0	10.4	D50CU(12T Crimp)
BLK120FL-70BM		70mm ²	120	27	14.7	22.0	11.5	D70CU(12T Crimp)
BLK120FL-95BM		95mm ²	120	27	17.4	22.0	14.2	D95CU(12T Crimp)
BLK150FL-16BM	150mm ²	16mm ²	120	27	9.5	22.0	7.7	D25CU(12T Crimp)
BLK150FL-25BM		25mm ²	120	27	9.5	22.0	7.7	D25CU(12T Crimp)
BLK150FL-35BM		35mm ²	120	27	11.5	22.0	9.2	D35CU(12T Crimp)
BLK150FL-50BM		50mm ²	120	27	12.8	22.0	10.4	D50CU(12T Crimp)
BLK150FL-70BM		70mm ²	120	27	14.7	22.0	11.5	D70CU(12T Crimp)
BLK150FL-95BM		95mm ²	120	27	17.4	22.0	14.2	D95CU(12T Crimp)
BLK150FL-120BM		120mm ²	120	27	20.0	22.0	16.5	D120CU(12T Crimp)
BLK185FL-16BM	185mm ²	16mm ²	130	35	9.5	28.4	7.7	D25CU(12T Crimp)
BLK185FL-25BM		25mm ²	130	35	9.5	28.4	7.7	D25CU(12T Crimp)
BLK185FL-35BM		35mm ²	130	35	11.5	28.4	9.2	D35CU(12T Crimp)
BLK185FL-50BM		50mm ²	130	35	12.8	28.4	10.4	D50CU(12T Crimp)
BLK185FL-70BM		70mm ²	130	35	14.7	28.4	11.5	D70CU(12T Crimp)
BLK185FL-95BM		95mm ²	130	35	17.4	28.4	14.2	D95CU(12T Crimp)
BLK185FL-120BM		120mm ²	130	35	20.0	28.4	16.5	D120CU(12T Crimp)
BLK185FL-150BM		150mm ²	130	35	22.5	28.4	18.3	D150CU(12T Crimp)

Nominal Cable Size		Dimensions mm				Crimp Die Info		
Part No.	AL	Cu	A	O/D 1	O/D 2	Large End (Al)		Small End (Cu)
						A/F mm		Die Part Number
BLK240FL-16BM	240mm ²	16mm ²	130	35	9.5	28.4	7.7	D25CU(12T Crimp)
BLK240FL-25BM		25mm ²	130	35	9.5	28.4	7.7	D25CU(12T Crimp)
BLK240FL-35BM		35mm ²	130	35	11.5	28.4	9.2	D35CU(12T Crimp)
BLK240FL-50BM		50mm ²	130	35	12.8	28.4	10.4	D50CU(12T Crimp)
BLK240FL-70BM		70mm ²	130	35	14.7	28.4	11.5	D70CU(12T Crimp)
BLK240FL-95BM		95mm ²	130	35	17.4	28.4	14.2	D95CU(12T Crimp)
BLK240FL-120BM		120mm ²	130	35	20.0	28.4	16.5	D120CU(12T Crimp)
BLK240FL-150BM		150mm ²	130	35	22.5	28.4	18.3	D150CU(12T Crimp)
BLK240FL-185BM		185mm ²	130	35	24.2	28.4	20.0	D185CU(12T Crimp)
BLK300FL-16BM	300mm ²	16mm ²	155	47	9.5	39.0	7.7	D25CU(12T Crimp)
BLK300FL-25BM		25mm ²	155	47	9.5	39.0	7.7	D25CU(12T Crimp)
BLK300FL-35BM		35mm ²	155	47	11.5	39.0	9.2	D35CU(12T Crimp)
BLK300FL-50BM		50mm ²	155	47	12.8	39.0	10.4	D50CU(12T Crimp)
BLK300FL-70BM		70mm ²	155	47	14.7	39.0	11.5	D70CU(12T Crimp)
BLK300FL-95BM		95mm ²	155	47	17.4	39.0	14.2	D95CU(12T Crimp)
BLK300FL-120BM		120mm ²	155	47	20.0	39.0	16.5	D120CU(12T Crimp)
BLK300FL-150BM		150mm ²	155	47	22.5	39.0	18.3	D150CU(12T Crimp)
BLK300FL-185BM		185mm ²	155	47	24.2	39.0	20.0	D185CU(12T Crimp)
BLK300FL-240BM		240mm ²	155	47	27.8	39.0	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK400FL-25BM	400mm ²	25mm ²	155	47	9.5	39.0	7.7	D25CU(12T Crimp)
BLK400FL-35BM		35mm ²	155	47	11.5	39.0	9.2	D35CU(12T Crimp)
BLK400FL-50BM		50mm ²	155	47	12.8	39.0	10.4	D50CU(12T Crimp)
BLK400FL-70BM		70mm ²	155	47	14.7	39.0	11.5	D70CU(12T Crimp)
BLK400FL-95BM		95mm ²	155	47	17.4	39.0	14.2	D95CU(12T Crimp)
BLK400FL-120BM		120mm ²	155	47	20.0	39.0	16.5	D120CU(12T Crimp)
BLK400FL-150BM		150mm ²	155	47	22.5	39.0	18.3	D150CU(12T Crimp)
BLK400FL-185BM		185mm ²	155	47	24.2	39.0	20.0	D185CU(12T Crimp)
BLK400FL-240BM		240mm ²	155	47	27.8	39.0	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK400FL-300BM		300mm ²	155	47	31.3	39.0	26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK500FL-25BM	500mm ²	25mm ²	160	54	9.5	43.2	7.7	D25CU(12T Crimp)
BLK500FL-35BM		35mm ²	160	54	11.5	43.2	9.2	D35CU(12T Crimp)
BLK500FL-50BM		50mm ²	160	54	12.8	43.2	10.4	D50CU(12T Crimp)
BLK500FL-70BM		70mm ²	160	54	14.7	43.2	11.5	D70CU(12T Crimp)
BLK500FL-95BM		95mm ²	160	54	17.4	43.2	14.2	D95CU(12T Crimp)
BLK500FL-120BM		120mm ²	160	54	20.0	43.2	16.5	D120CU(12T Crimp)
BLK500FL-150BM		150mm ²	160	54	22.5	43.2	18.3	D150CU(12T Crimp)
BLK500FL-185BM		185mm ²	160	54	24.2	43.2	20.0	D185CU(12T Crimp)
BLK500FL-240BM		240mm ²	160	54	27.8	43.2	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK500FL-300BM		300mm ²	160	54	31.3	43.2	26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK500FL-400BM		400mm ²	160	54	34.8	43.2	28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK630FL-50BM	630mm ²	50mm ²	182	54	12.8	43.2	10.4	D50CU(12T Crimp)
BLK630FL-70BM		70mm ²	182	54	14.7	43.2	11.5	D70CU(12T Crimp)
BLK630FL-95BM		95mm ²	182	54	17.4	43.2	14.2	D95CU(12T Crimp)
BLK630FL-120BM		120mm ²	182	54	20.0	43.2	16.5	D120CU(12T Crimp)
BLK630FL-150BM		150mm ²	182	54	22.5	43.2	18.3	D150CU(12T Crimp)
BLK630FL-185BM		185mm ²	182	54	24.2	43.2	20.0	D185CU(12T Crimp)
BLK630FL-240BM		240mm ²	182	54	27.8	43.2	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK630FL-300BM		300mm ²	182	54	31.3	43.2	26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK630FL-400BM		400mm ²	182	54	34.8	43.2	28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK630FL-500BM		500mm ²	182	54	39.0	43.2	31.0	DCL500(30T Crimp)
BLK800FL-25BM	800mm ²	25mm ²	204	60	9.5	47.0	7.7	D25CU(12T Crimp)
BLK800FL-35BM		35mm ²	204	60	11.5	47.0	9.2	D35CU(12T Crimp)
BLK800FL-50BM		50mm ²	204	60	12.8	47.0	10.4	D50CU(12T Crimp)
BLK800FL-70BM		70mm ²	204	60	14.7	47.0	11.5	D70CU(12T Crimp)
BLK800FL-95BM		95mm ²	204	60	17.4	47.0	14.2	D95CU(12T Crimp)
BLK800FL-120BM		120mm ²	204	60	20.0	47.0	16.5	D120CU(12T Crimp)
BLK800FL-150BM		150mm ²	204	60	22.5	47.0	18.3	D150CU(12T Crimp)
BLK800FL-185BM		185mm ²	204	60	24.2	47.0	20.0	D185CU(12T Crimp)
BLK800FL-240BM		240mm ²	204	60	27.8	47.0	23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
BLK800FL-300BM		300mm ²	204	60	31.3	47.0	26.0	D300CU(12T Crimp) / DCL300(30T Crimp)
BLK800FL-400BM		400mm ²	204	60	34.8	47.0	28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
BLK800FL-500BM		500mm ²	204	60	39.0	47.0	31.0	DCL500(30T Crimp)
BLK1000FL	1000mm ²	Available on request. Please contact the ECL team						

Bimetal Lugs

Manufactured from electrical-grade aluminium and copper. Complete with jointing compound in the aluminium barrel, capped end and compression die information.



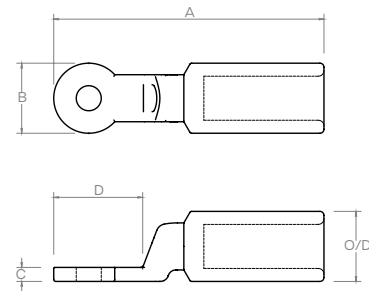
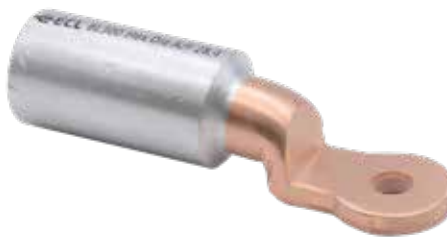
Conformant Standard: AS/NZS 4325.1:1995

Dimensions mm								Crimp Die Info	
Part No.	Cable Size	Stud Size mm	A	B	C	D	O/D	A/F mm	Die Part number
BL25-8	25mm²	8	75	22	4.5	24	12.0	9.0	DA25/35(12T Crimp)
BL25-10		10	75	22	4.5	24	12.0	9.0	
BL25-12		12	75	22	4.5	24	12.0	9.0	
BL35-8	35mm²	8	75	22	4.5	24	12.0	9.0	DA25/35(12T Crimp)
BL35-10		10	75	22	4.5	24	12.0	9.0	
BL35-12		12	75	22	4.5	24	12.0	9.0	
BL50-8	50mm²	8	75	22	5	24	16.0	13.2	DA50/70(12T Crimp)
BL50-10		10	75	22	5	24	16.0	13.2	
BL50-12		12	75	22	5	24	16.0	13.2	
BL70-8	70mm²	8	75	22	5	24	16.0	13.2	DA50/70(12T Crimp)
BL70-10		10	75	22	5	24	16.0	13.2	
BL70-12		12	75	22	5	24	16.0	13.2	
BL95B	95mm²	blank	115	30	6	34	21.5	17.3	DA95/120(12T Crimp)
BL95-8		8	115	30	6	34	21.5	17.3	
BL95-10		10	115	30	6	34	21.5	17.3	
BL95-12		12	115	30	6	34	21.5	17.3	
BL95-16		16	115	30	6	34	21.5	17.3	
BL120B	120mm²	blank	115	30	6	34	21.5	17.3	DA95/120(12T Crimp)
BL120-8		8	115	30	6	34	21.5	17.3	
BL120-10		10	115	30	6	34	21.5	17.3	
BL120-12		12	115	30	6	34	21.5	17.3	
BL120-16		16	115	30	6	34	21.5	17.3	
BL150B	150mm²	blank	120	35	6	38	27.0	22.0	DA150/185(12T Crimp)
BL150-8		8	120	35	6	38	27.0	22.0	
BL150-10		10	120	35	6	38	27.0	22.0	
BL150-12		12	120	35	6	38	27.0	22.0	
BL150-16		16	120	35	6	38	27.0	22.0	
BL185B	185mm²	blank	120	35	6	38	27.0	22.0	DA150/185(12T Crimp)
BL185-8		8	120	35	6	38	27.0	22.0	
BL185-10		10	120	35	6	38	27.0	22.0	
BL185-12		12	120	35	6	38	27.0	22.0	
BL185-16		16	120	35	6	38	27.0	22.0	
BL240B	240mm²	blank	135	35	7	44	35.0	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BL240-10		10	135	35	7	44	35.0	28.4	
BL240-12		12	135	35	7	44	35.0	28.4	
BL240-16		16	135	35	7	44	35.0	28.4	
BL240-20		20	135	35	7	44	35.0	28.4	
BL300B	300mm²	blank	135	35	7	44	35.0	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BL300-10		10	135	35	7	44	35.0	28.4	
BL300-12		12	135	35	7	44	35.0	28.4	
BL300-16		16	135	35	7	44	35.0	28.4	
BL300-20		20	135	35	7	44	35.0	28.4	
BL400B	400mm²	blank	165	50	10	52	47.0	39.0	DAL400/500(30T Crimp)
BL400-10		10	165	50	10	52	47.0	39.0	
BL400-12		12	165	50	10	52	47.0	39.0	
BL400-16		16	165	50	10	52	47.0	39.0	
BL400-20		20	165	50	10	52	47.0	39.0	
BL500B	500mm²	blank	165	50	10	52	47.0	39.0	DAL400/500(30T Crimp)
BL500-10		10	165	50	10	52	47.0	39.0	
BL500-12		12	165	50	10	52	47.0	39.0	
BL500-16		16	165	50	10	52	47.0	39.0	
BL500-20		20	165	50	10	52	47.0	39.0	
BL630B	630mm²	blank	185	50	10	62	54.0	43.2	DAL630/800(30T Crimp)
BL630-10		10	185	50	10	62	54.0	43.2	
BL630-12		12	185	50	10	62	54.0	43.2	
BL630-16		16	185	50	10	62	54.0	43.2	
BL630-20		20	185	50	10	62	54.0	43.2	
BL800-B	800mm²	Available on special request, please contact the ECL team							
BL1000-B	1000mm²	Available on special request, please contact the ECL team							

Bimetal Lugs are available for many named conductors such as Namu, Kutu, Rango, Beetle etc- please ask the ECL team

Bimetal Lugs - for Flexible Aluminium Cable

Used for fine-stranded flexible aluminium cable. Manufactured from electrical-grade aluminium and copper. Complete with jointing compound in the aluminium barrel, capped end and compression die information.

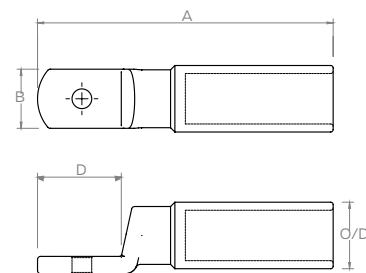
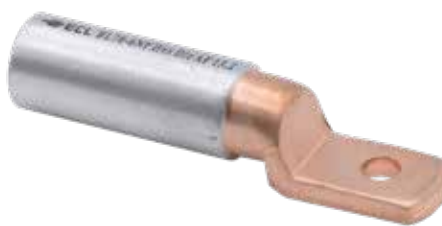


Conformant Standard: AS/NZS 4325.1:1995

Dimensions mm								Crimp Die Info
Part No.	Cable Size	Stud Size mm	A	B	C	D	O/D	A/F mm
BL25-8FL	25mm²	8	75	22	4.5	24	12	9.0
BL25-10FL		10	75	22	4.5	24	12	9.0
BL25-12FL		12	75	22	4.5	24	12	9.0
BL35-8FL	35mm²	8	75	22	5	24	16	13.2
BL35-10FL		10	75	22	5	24	16	13.2
BL35-12FL		12	75	22	5	24	16	13.2
BL50-8FL	50mm²	8	75	22	5	24	16	13.2
BL50-10FL		10	75	22	5	24	16	13.2
BL50-12FL		12	75	22	5	24	16	13.2
BL70-8FL	70mm²	8	115	30	6	34	21.5	17.3
BL70-10FL		10	115	30	6	34	21.5	17.3
BL70-12FL		12	115	30	6	34	21.5	17.3
BL70-16FL		16	115	30	6	34	21.5	17.3
BL95B-FL	95mm²	blank	115	30	6	34	21.5	17.3
BL95-8FL		8	115	30	6	34	21.5	17.3
BL95-10FL		10	115	30	6	34	21.5	17.3
BL95-12FL		12	115	30	6	34	21.5	17.3
BL95-16FL		16	115	30	6	34	21.5	17.3
BL120B-FL	120mm²	blank	120	35	6	38	27	22.0
BL120-8FL		8	120	35	6	38	27	22.0
BL120-10FL		10	120	35	6	38	27	22.0
BL120-12FL		12	120	35	6	38	27	22.0
BL120-16FL		16	120	35	6	38	27	22.0
BL150B-FL	150mm²	blank	120	35	6	38	27	22.0
BL150-8FL		8	120	35	6	38	27	22.0
BL150-10FL		10	120	35	6	38	27	22.0
BL150-12FL		12	120	35	6	38	27	22.0
BL150-16FL		16	120	35	6	38	27	22.0
BL185BFL	185mm²	blank	135	35	7	44	35	28.4
BL185-8FL		8	135	35	7	44	35	28.4
BL185-10FL		10	135	35	7	44	35	28.4
BL185-12FL		12	135	35	7	44	35	28.4
BL185-16FL		16	135	35	7	44	35	28.4
BL240B-FL	240mm²	blank	135	35	7	44	35	28.4
BL240-10FL		10	135	35	7	44	35	28.4
BL240-12FL		12	135	35	7	44	35	28.4
BL240-16FL		16	135	35	7	44	35	28.4
BL240-20FL		20	135	35	7	44	35	28.4
BL300B-FL	300mm²	blank	165	50	10	52	47	39.0
BL300-10FL		10	165	50	10	52	47	39.0
BL300-12FL		12	165	50	10	52	47	39.0
BL300-16FL		16	165	50	10	52	47	39.0
BL300-20FL		20	165	50	10	52	47	39.0
BL400B-FL	400mm²	blank	165	50	10	52	47	39.0
BL400-10FL		10	165	50	10	52	47	39.0
BL400-12FL		12	165	50	10	52	47	39.0
BL400-16FL		16	165	50	10	52	47	39.0
BL400-20FL		20	165	50	10	52	47	39.0
BL500B-FL	500mm²	blank	185	50	10	62	54	43.2
BL500-10FL		10	185	50	10	62	54	43.2
BL500-12FL		12	185	50	10	62	54	43.2
BL500-16FL		16	185	50	10	62	54	43.2
BL500-20FL		20	185	50	10	62	54	43.2
BL630B-FL	630mm²	blank	195	50	10	62	54	43.2
BL630-10FL		10	195	50	10	62	54	43.2
BL630-12FL		12	195	50	10	62	54	43.2
BL630-16FL		16	195	50	10	62	54	43.2
BL630-20FL		20	195	50	10	62	54	43.2
BL800-FL	800mm²	Available on special request, please contact the ECL team						
BL1000-FL	1000mm²	Available on special request, please contact the ECL team						

Bimetal Narrow Palm Lugs

Used for MCCB connections. Complete with jointing compound in the aluminium barrel, capped end and compression die information.

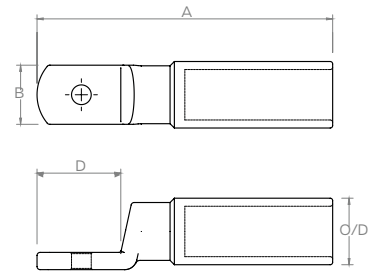


SPECIFICATIONS

Part No.	Cable Size	Stud Size mm	Dimensions mm					Crimp Die Info	
			A	B	C	D	O/D	A/F mm	Die Part number
BL25-6NP	25mm ²	6	75	13	4.5	24	12	9.0	DA25/35(12T Crimp)
BL25-8NP		8	75	13	4.5	24	12	9.0	
BL35-6NP	35mm ²	6	80	13	4.5	24	12	9.0	DA25/35(12T Crimp)
BL35-8NP		8	80	13	4.5	24	12	9.0	
BL50-6NP	50mm ²	6	80	14.5	4.5	25	16	13.2	DA50/70(12T Crimp)
BL50-8NP		8	80	14.5	4.5	25	16	13.2	
BL70B-NP	70mm ²	Blank	115	14.5	4.5	25	16	13.2	DA50/70(12T Crimp)
BL70-6NP		6	115	14.5	4.5	25	16	13.2	
BL70-8NP		8	115	14.5	4.5	25	16	13.2	
BL70-10NP		10	115	14.5	4.5	25	16	13.2	
BL95B-NP	95mm ²	blank	115	20	6	32	21.5	17.3	DA95/120(12T Crimp)
BL95-6NP		6	115	20	6	32	21.5	17.3	
BL95-8NP		8	115	20	6	32	21.5	17.3	
BL95-10NP		10	115	20	6	32	21.5	17.3	
BL120B-NP	120mm ²	blank	115	20	6	32	21.5	17.3	DA95/120(12T Crimp)
BL120-8NP		8	115	20	6	32	21.5	17.3	
BL120-10NP		10	115	20	6	32	21.5	17.3	
BL120-12NP		12	115	20	6	32	21.5	17.3	
BL150B-NP	150mm ²	blank	120	24	7	35	27	22.0	DA150/185(12T Crimp)
BL150-8NP		8	120	24	7	35	27	22.0	
BL150-10NP		10	120	24	7	35	27	22.0	
BL150-12NP		12	120	24	7	35	27	22.0	
BL185B-NP	185mm ²	blank	120	24	7	35	27	22.0	DA150/185(12T Crimp)
BL185-8NP		8	120	24	7	35	27	22.0	
BL185-10NP		10	120	24	7	35	27	22.0	
BL185-12NP		12	120	24	7	35	27	22.0	
BL240B-NP	240mm ²	blank	135	24.5	7	36	35	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BL240-8NP		8	135	24.5	7	36	35	28.4	
BL240-10NP		10	135	24.5	7	36	35	28.4	
BL240-12NP		12	135	24.5	7	36	35	28.4	
BL300B-NP	300mm ²	blank	135	24.5	7	36	35	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BL300-8NP		8	135	24.5	7	36	35	28.4	
BL300-10NP		10	135	24.5	7	36	35	28.4	
BL300-12NP		12	135	24.5	7	36	35	28.4	
BL400B-NP	400mm ²	blank	165	32	10	50	47	39.0	DAL400/500(30T Crimp)
BL400-10NP		10	165	32	10	50	47	39.0	
BL400-12NP		12	165	32	10	50	47	39.0	
BL500B-NP	500mm ²	blank	165	32	10	50	47	39.0	DAL400/500(30T Crimp)
BL500-10NP		10	165	32	10	50	47	39.0	
BL500-12NP		12	165	32	10	50	47	39.0	
BL630B-NP	630mm ²	blank	185	38	10	50	54	43.2	DAL630/800(30T Crimp)
BL630-10NP		10	185	38	10	50	54	43.2	
BL630-12NP		12	185	38	10	50	54	43.2	

Bimetal Narrow Palm Lugs - for Flexible Aluminium Cable

Used for flexible aluminium cable. Complete with jointing compound in the aluminium barrel, capped end and compression die information.

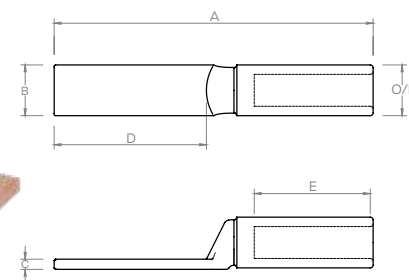


SPECIFICATIONS

Part No.	Cable Size	Stud Size mm	Dimensions mm					Crimp Die Info
			A	B	C	D	O/D	A/F mm
BL25-6FLNP	25mm ²	6	80	13	4.5	24	12	9.0
BL25-8FLNP		8	80	13	4.5	24	12	9.0
BL35-6FLNP	35mm ²	6	80	14.5	4.5	25	16	13.2
BL35-8FLNP		8	80	14.5	4.5	25	16	13.2
BL50B-FLNP	50mm ²	Blank	115	14.5	4.5	25	16	13.2
BL50-6FLNP		6	115	14.5	4.5	25	16	13.2
BL50-8FLNP		8	115	14.5	4.5	25	16	13.2
BL50-10FLNP		10	115	14.5	4.5	25	16	13.2
BL70B-FLNP	70mm ²	blank	115	20	6	32	21.5	17.3
BL70-6FLNP		6	115	20	6	32	21.5	17.3
BL70-8FLNP		8	115	20	6	32	21.5	17.3
BL70-10FLNP		10	115	20	6	32	21.5	17.3
BL95B-FLNP	95mm ²	blank	115	20	6	32	21.5	17.3
BL95-8FLNP		8	115	20	6	32	21.5	17.3
BL95-10FLNP		10	115	20	6	32	21.5	17.3
BL95-12FLNP		12	115	20	6	32	21.5	17.3
BL120B-FLNP	120mm ²	blank	120	24	7	35	27	22.0
BL120-8FLNP		8	120	24	7	35	27	22.0
BL120-10FLNP		10	120	24	7	35	27	22.0
BL120-12FLNP		12	120	24	7	35	27	22.0
BL150B-FLNP	150mm ²	blank	120	24	7	35	27	22.0
BL150-8FLNP		8	120	24	7	35	27	22.0
BL150-10FLNP		10	120	24	7	35	27	22.0
BL150-12FLNP		12	120	24	7	35	27	22.0
BL185B-FLNP	185mm ²	blank	135	24.5	7	36	35	28.4
BL185-8FLNP		8	135	24.5	7	36	35	28.4
BL185-10FLNP		10	135	24.5	7	36	35	28.4
BL185-12FLNP		12	135	24.5	7	36	35	28.4
BL240B-FLNP	240mm ²	blank	135	24.5	7	36	35	28.4
BL240-8FLNP		8	135	24.5	7	36	35	28.4
BL240-10FLNP		10	135	24.5	7	36	35	28.4
BL240-12FLNP		12	135	24.5	7	36	35	28.4
BL300B-FLNP	300mm ²	blank	165	32	10	50	47	39.0
BL300-10FLNP		10	165	32	10	50	47	39.0
BL300-12FLNP		12	165	32	10	50	47	39.0
BL400B-FLNP	400mm ²	blank	165	32	10	50	47	39.0
BL400-10FLNP		10	165	32	10	50	47	39.0
BL400-12FLNP		12	165	32	10	50	47	39.0
BL500B-FLNP	500mm ²	blank	185	38	10	50	54	43.2
BL500-10FLNP		10	185	38	10	50	54	43.2
BL500-12FLNP		12	185	38	10	50	54	43.2
BL630B-FLNP	630mm ²	blank	195	38	10	62	54	43.2
BL630-10FLNP		10	195	38	10	62	54	43.2
BL630-12FLNP		12	195	38	10	62	54	43.2

Bimetal Long Palm Lugs

Used for double bolt applications. Reliable and durable in demanding environments. Manufactured from electrical-grade aluminium and copper. Featuring a robust fusion-welded AL/Cu joint. Complete with jointing compound in the aluminium barrel, capped end and compression die information. Can be hole punched to meet your specific requirement.

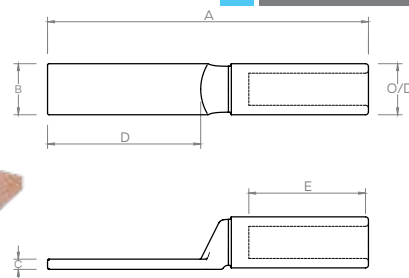


Specifications

Part No.	Cable Size	Dimensions mm					Crimp Die Info	
		A	B	C	D	O/D	A/F mm	Die Part number
BL95LP	95mm ²	220	30	6	105	21.5	17.3	DA95/120
BL120LP	120mm ²	220	30	6	105	21.5	17.3	DA95/120
BL150LP	150mm ²	220	35	6	105	27	22.0	DA150/185
BL185LP	185mm ²	220	35	6	105	27	22.0	DA150/185
BL240LP	240mm ²	220	35	7	105	35	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BL300LP	300mm ²	220	35	7	105	35	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BL400LP	400mm ²	220	50	13	105	47	39.0	DAL400/500(30T Crimp)
BL500LP	500mm ²	220	50	13	105	47	39.0	DAL400/500(30T Crimp)
BL630LP	630mm ²	220	50	13	105	54	43.2	DAL630/800(30T Crimp)
BL800LP	800mm ²	260	50	13	105	54	43.2	DAL630/800(30T Crimp)

Bimetal Long Palm Lugs - for Flexible Aluminium Cable

Bimetal long palm lugs to suit fine stranded flexible aluminium cable



Specifications

Part No.	Cable Size	Dimensions mm					Crimp Die Info	
		A	B	C	D	O/D	A/F mm	
BL95LPFL	95mm ²	220	30	6	105	21.5	17.3	
BL120LPFL	120mm ²	220	35	6	105	27	22.0	
BL150LPFL	150mm ²	220	35	6	105	27	22.0	
BL185LPFL	185mm ²	220	35	7	105	35	28.4	
BL240LPFL	240mm ²	220	35	7	105	35	28.4	
BL300LPFL	300mm ²	220	50	13	105	47	39.0	
BL400LPFL	400mm ²	220	50	13	105	47	39.0	
BL500LPFL	500mm ²	220	50	13	105	54	43.2	
BL630LPFL	630mm ²	235	50	13	105	54	43.2	
BL800LPFL	800mm ²	270	80	13	105	60	47.0	

Bimetal Long Palm Right Angle Lugs

Available on request. Please contact the ECL team.



Bimetal Named Conductor Lugs

Available for AAC, AAAC and ACSR named conductors. Manufactured from electrical-grade aluminium and copper. Featuring a robust fusion-welded AL/Cu joint. Complete with jointing compound in the aluminium barrel, capped end and compression die information. Long palm lugs supplied blank as standard, if two holes are required please specify hole size and spacings.



Specify your hole size: e.g. BLARGON-10 for M10 stud hole

Double Bolt Lug			
Part No.	Conductor	Part No.	Conductor
BLARGON-LP	Argon	BLKUTU-LP	Kutu
BLBEE-LP	Bee	BLLADYBIRD-LP	Ladybird
BLBEETLE-LP	Beetle	BLLAMPREY-LP	Lamprey
BLBORON-LP	Boron	BLLUTELIUM-LP	Luteliium
BLBUTTERFLY-LP	Butterfly	BLMAGPIE-LP	Maggpie
BLCATERPILLAR-LP	Caterpillar	BLMATA-LP	Mata
BLCENTIPEDE-LP	Centipede	BLMINK-LP	Mink
BLCHAFFER-LP	Chaffer	BLMOA-LP	Moa
BLCHLORINE-LP	Chlorine	BLMOKA-LP	Moka
BLCHRONIUM-LP	Chromium	BLMULLET-LP	Mullet
BLCHUKAR-LP	Chukar	BLNAMU-LP	Namu
BLCICADA-LP	Cicada	BLNEON-LP	Neon
BLCOCKROACH-LP	Cockroach	BLNITROGEN-LP	Nitrogen
BLCOYOTE-LP	Coyote	BLNOBELIUM-LP	Nobelium
BLCRICKET-LP	Cricket	BLOXYGEN-LP	Oxygen
BLDINGO-LP	Dingo	BLPETREL-LP	Petrel
BLDOG-LP	Dog	BLPHOSPHORUS-LP	Phosphorus
BLFERRET-LP	Ferret	BLPOKO-LP	Poko
BLFLOUNDER-LP	Flounder	BLRABBIT-LP	Rabbit
BLFLUORINE-LP	Fluorine	BLRACCOON-LP	Raccoon
BLFLY-LP	Fly	BLRANGO-LP	Rango
BLFOX-LP	Fox	BLSELENIUM-LP	Selenium
BLGNAT-LP	Gnat	BLSILICON-LP	Silicon
BLGOAT-LP	Goat	BLSPIDER-LP	Spider
BLGOPHER-LP	Gopher	BLSQUIRREL-LP	Squirrel
BLGRASSHOPPER-LP	Grasshopper	BLSULPHUR-LP	Sulphur
BLHAKE-LP	Hake	BLSWAN-LP	Swan
BLHARE-LP	Hare	BLTIGER-LP	Tiger
BLHELIUM-LP	Helium	BLWASP-LP	Wasp
BLHORNET	Hornet	BLWEKE-LP	Weke
BLHUHU-LP	Huhu	BLWETA-LP	Weta
BLHYDROGEN-LP	Hydrogen	BLWAXWING-LP	Waxwing
BLHYENA-LP	Hyena	BLWOLF-LP	Wolf
BLIODINE-LP	Iodine	BLXENON-LP	Xenon
BLJAGUAR-LP	Jaguar	BLZEBRA-LP	Zebra
BLKRYPTON-LP	Krypton		

Specify your hole size: e.g. BLARGON-10

Single Bolt Lug			
Part No.	Conductor	Part No.	Conductor
BLARGON	Argon	BLKUTU	Kutu
BLBEE	Bee	BLLADYBIRD	Ladybird
BLBEETLE	Beetle	BLLAMPREY	Lamprey
BLBORON	Boron	BLLUTELIUM	Luteliium
BLBUTTERFLY	Butterfly	BLMAGPIE	Maggpie
BLCATERPILLAR	Caterpillar	BLMATA	Mata
BLCENTIPEDE	Centipede	BLMINK	Mink
BLCHAFFER	Chaffer	BLMOA	Moa
BLCHLORINE	Chlorine	BLMOKA	Moka
BLCHRONIUM	Chromium	BLMULLET	Mullet
BLCHUKAR	Chukar	BLNAMU	Namu
BLCICADA	Cicada	BLNEON	Neon
BLCOCKROACH	Cockroach	BLNITROGEN	Nitrogen
BLCOYOTE	Coyote	BLNOBELIUM	Nobelium
BLCRICKET	Cricket	BLOXYGEN	Oxygen
BLDINGO	Dingo	BLPETREL	Petrel
BLDOG	Dog	BLPHOSPHORUS	Phosphorus
BLFERRET	Ferret	BLPOKO	Poko
BLFLOUNDER	Flounder	BLRABBIT	Rabbit
BLFLUORINE	Fluorine	BLRACCOON	Raccoon
BLFLY	Fly	BLRANGO	Rango
BLFOX	Fox	BLSELENIUM	Selenium
BLGNAT	Gnat	BLSILICON	Silicon
BLGOAT	Goat	BLSPIDER	Spider
BLGOPHER	Gopher	BLSQUIRREL	Squirrel
BLGRASSHOPPER	Grasshopper	BLSULPHUR	Sulphur
BLHAKE	Hake	BLSWAN	Swan
BLHARE	Hare	BLTIGER	Tiger
BLHELIUM	Helium	BLWASP	Wasp
BLHORNET	Hornet	BLWEKE	Weke
BLHUHU	Huhu	BLWETA	Weta
BLHYDROGEN	Hydrogen	BLWAXWING	Waxwing
BLHYENA	Hyena	BLWOLF	Wolf
BLIODINE	Iodine	BLXENON	Xenon
BLJAGUAR	Jaguar	BLZEBRA	Zebra
BLKRYPTON	Krypton		

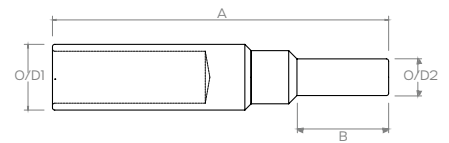
Specify your hole size: e.g. BLARGON-10

Note: Bimetal Named Conductor Right Angle Lugs available on request, please contact the ECL team.

Bimetal Stalk Lugs

Use with switchgear devices requiring connection via a copper stalk or pin. Manufactured to order from electrical-grade aluminium and copper. Featuring a robust fusion-welded AL/Cu joint. Complete with joining compound in the aluminium barrel, capped end and compression die information. Please be advised most sizes are manufactured to order and are not eligible for return or credit.

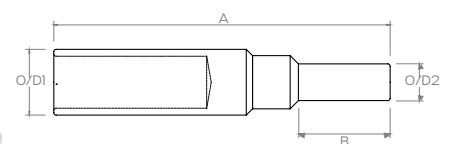
Note: Please refer to Bimetal Stalk Flexible Aluminium Lugs below if you are using fine stranded flexible aluminium cable.



Dimensions mm						Crimp Die Info	
Part No.	Cable Size	A	B	O/D1	O/D2	A/F mm	Die Part number
BLK25-STALK	25mm ²	82	Custom Size	12.0	Custom Size	9.0	DA25/35(12T Crimp)
BLK35-STALK	35mm ²	72	Custom Size	12.0	Custom Size	9.0	DA25/35(12T Crimp)
BLK50-STALK	50mm ²	105	Custom Size	16.0	Custom Size	13.2	DA50/70(12T Crimp)
BLK70-STALK	70mm ²	105	Custom Size	16.0	Custom Size	13.2	DA50/70(12T Crimp)
BLK95-STALK	95mm ²	110	Custom Size	21.5	Custom Size	17.3	DA95/120(12T Crimp)
BLK120-STALK	120mm ²	110	Custom Size	21.5	Custom Size	17.3	DA95/120(12T Crimp)
BLK150-STALK	150mm ²	120	Custom Size	27.0	Custom Size	22.0	DA150/185(12T Crimp)
BLK185-STALK	185mm ²	120	Custom Size	27.0	Custom Size	22.0	DA150/180(12T Crimp)
BLK240-STALK	240mm ²	130	Custom Size	35.0	Custom Size	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BLK300-STALK	300mm ²	130	Custom Size	35.0	Custom Size	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
BLK400-STALK	400mm ²	155	Custom Size	47.0	Custom Size	39.0	DAL400/500(30T Crimp)
BLK500-STALK	500mm ²	155	Custom Size	47.0	Custom Size	39.0	DAL400/500(30T Crimp)
BLK630-STALK	630mm ²	160	Custom Size	54.0	Custom Size	43.2	DAL630/800(30T Crimp)

Bimetal Stalk Lugs - for Flexible Aluminium Cable

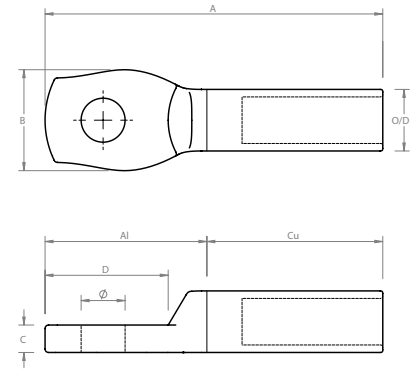
Used for fine stranded flexible aluminium.



Dimensions mm						Crimp Die Info
Part No.	Cable Size	A	B	O/D1	O/D2	A/F mm
BLK25FL-STALK	25mm ²	72	Custom Size	12.0	Custom Size	9.0
BLK35FL-STALK	35mm ²	105	Custom Size	16.0	Custom Size	13.2
BLK50FL-STALK	50mm ²	105	Custom Size	16.0	Custom Size	13.2
BLK70FL-STALK	70mm ²	110	Custom Size	21.5	Custom Size	17.3
BLK95FL-STALK	95mm ²	110	Custom Size	21.5	Custom Size	17.3
BLK120FL-STALK	120mm ²	120	Custom Size	27.0	Custom Size	22.0
BLK150FL-STALK	150mm ²	120	Custom Size	27.0	Custom Size	22.0
BLK185FL-STALK	185mm ²	130	Custom Size	35.0	Custom Size	28.4
BLK240FL-STALK	240mm ²	130	Custom Size	35.0	Custom Size	28.4
BLK300FL-STALK	300mm ²	155	Custom Size	47.0	Custom Size	39.0
BLK400FL-STALK	400mm ²	155	Custom Size	47.0	Custom Size	39.0
BLK500FL-STALK	500mm ²	160	Custom Size	54.0	Custom Size	43.2
BLK630FL-STALK	630mm ²	182	Custom Size	54.0	Custom Size	43.2

Reverse Bimetal Lugs

Used for bolted connections between copper cables and aluminium busbars or terminals. Manufactured from electrical-grade aluminium and copper. Featuring a robust fusion-welded AL/Cu joint. Complete with compression die information.



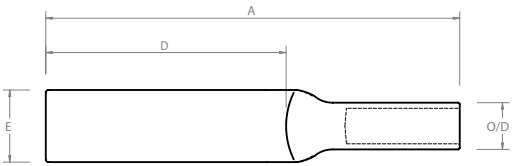
SPECIFICATIONS

Dimensions							Crimp Die Info	
Part No.	Cable Size	Stud Size mm	A	B	C	D	A/F mm	Die Part number
RBL25-10	25mm ²	10	Available on request. Please contact the ECL team				7.7	D25CU
RBL25-12		12	Available on request. Please contact the ECL team				7.7	D25CU
RBL35-10	35mm ²	10	Available on request. Please contact the ECL team				9.2	D35CU
RBL35-12		12	Available on request. Please contact the ECL team				9.2	D35CU
RBL50-10	50mm ²	10	Available on request. Please contact the ECL team				10.4	D50CU
RBL50-12		12	Available on request. Please contact the ECL team				10.4	D50CU
RBL70-10	70mm ²	10	Available on request. Please contact the ECL team				11.5	D70CU
RBL70-12		12	Available on request. Please contact the ECL team				11.5	D70CU
RBL95-10	95mm ²	10	Available on request. Please contact the ECL team				14.2	D95CU
RBL95-12		12	Available on request. Please contact the ECL team				14.2	D95CU
RBL120-10	120mm ²	10	Available on request. Please contact the ECL team				16.5	D120CU
RBL120-12		12	Available on request. Please contact the ECL team				16.5	D120CU
RBL150-10	150mm ²	10	Available on request. Please contact the ECL team				18.3	D150CU
RBL150-12		12	Available on request. Please contact the ECL team				18.3	D150CU
RBL185-10	185mm ²	10	Available on request. Please contact the ECL team				20.0	D185CU
RBL185-12		12	Available on request. Please contact the ECL team				20.0	D185CU
RBL240-12	240mm ²	12	Available on request. Please contact the ECL team				23.1	D240CU(12T Crimp) / DCL240(30T Crimp)
RBL300-12	300mm ²	12	Available on request. Please contact the ECL team				26.0	D300CU(12T Crimp) / DCL300 (30T Crimp)
RBL400-12	400mm ²	12	Available on request. Please contact the ECL team				28.1	D400CU(12T Crimp) / DCL400(30T Crimp)
RBL500-12	500mm ²	12	Available on request. Please contact the ECL team				31.0	DCL500(30T Crimp)
RBL630-12	630mm ²	12	Available on request. Please contact the ECL team				37.0	DCL630(30T Crimp)



Reverse Bimetal Long Palm Lugs

Used for double bolted connections between copper cables and aluminium busbars or terminals. Manufactured from electrical-grade aluminium and copper. Featuring a robust fusion welded AL/Cu joint. Complete with compression die information.



i SPECIFICATIONS

Dimensions						Crimp Die Info	
Part No.	Cable Size	A	B	C	D	A/F mm	Die Part number
RBL25LBLP	25mm ²	Available on request. Please contact the ECL team				7.7	D25CU
RBL35LBLP	35mm ²	Available on request. Please contact the ECL team				9.2	D35CU
RBL50LBLP	50mm ²	Available on request. Please contact the ECL team				10.4	D50CU
RBL70LBLP	70mm ²	Available on request. Please contact the ECL team				11.5	D70CU
RBL95LBLP	95mm ²	Available on request. Please contact the ECL team				14.2	D95CU
RBL120LBLP	120mm ²	Available on request. Please contact the ECL team				16.5	D120CU
RBL150LBLP	150mm ²	Available on request. Please contact the ECL team				18.3	D150CU
RBL185LBLP	185mm ²	Available on request. Please contact the ECL team				20.0	D185CU
RBL240LBLP	240mm ²	Available on request. Please contact the ECL team				23.1	D240CU
RBL300LBLP	300mm ²	Available on request. Please contact the ECL team				26.0	D300CU
RBL400LBLP	400mm ²	Available on request. Please contact the ECL team				28.1	D400CU
RBL500LBLP	500mm ²	Available on request. Please contact the ECL team				31.0	D500CU
RBL630LBLP	630mm ²	Available on request. Please contact the ECL team				37.0	D630CU

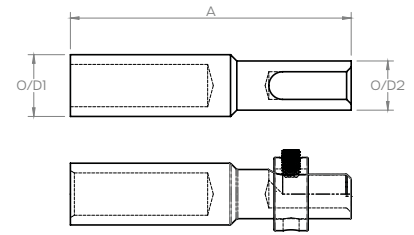
Dimensions available on request, please contact the ECL team.



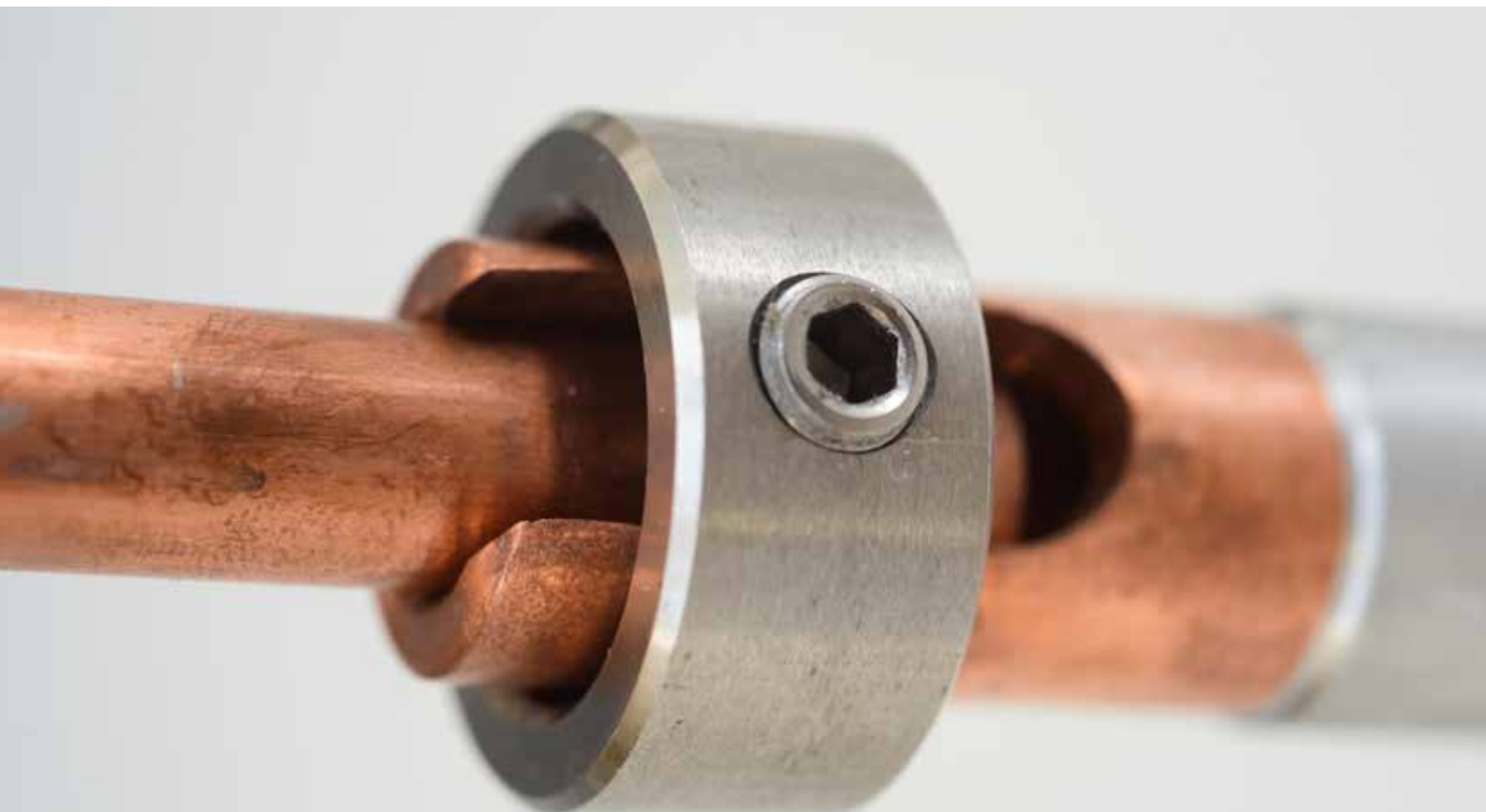
Bimetal Switchgear Connectors

SPECIFICATIONS

Used for termination of copper cables to a 12mm switchgear stem common to some brands of medium voltage switchgear. Manufactured from high purity Cu/AL and machined with a slot to insert the 12mm stem, the fittings come complete with a stainless steel locking collar. Once crimped to the cable the connector is fastened to the switchgear stem by means of a grub screw in the collar.



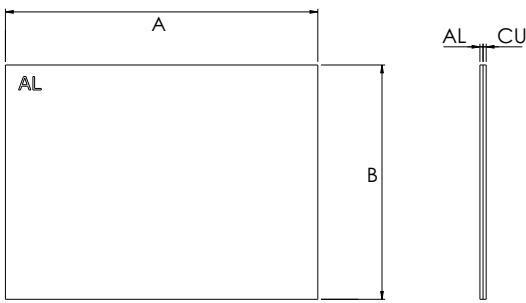
Part No.	Cable Size	Dimensions mm			Crimp Die Info	
		A	O/D1	O/D2	A/F mm	Die Part number
BLKSC25	25mm ²	85	12	21.5	9.0	DA25/35
BLKSC35	35mm ²	85	12	21.5	9.0	DA25/35
BLKSC50	50mm ²	85	16	21.5	13.2	DA50/70
BLKSC70	70mm ²	85	16	21.5	13.2	DA50/70
BLKSC95	95mm ²	110	21.5	21.5	17.3	DA95/120
BLKSC120	120mm ²	110	21.5	21.5	17.3	DA95/120
BLKSC150	150mm ²	120	27	21.5	22.0	DA150/185
BLKSC185	185mm ²	120	27	21.5	22.0	DA150/185
BLKSC240	240mm ²	120	35	21.5	28.4	DA240/300
BLKSC300	300mm ²	120	35	21.5	28.4	DA240/300



Bimetal Plate

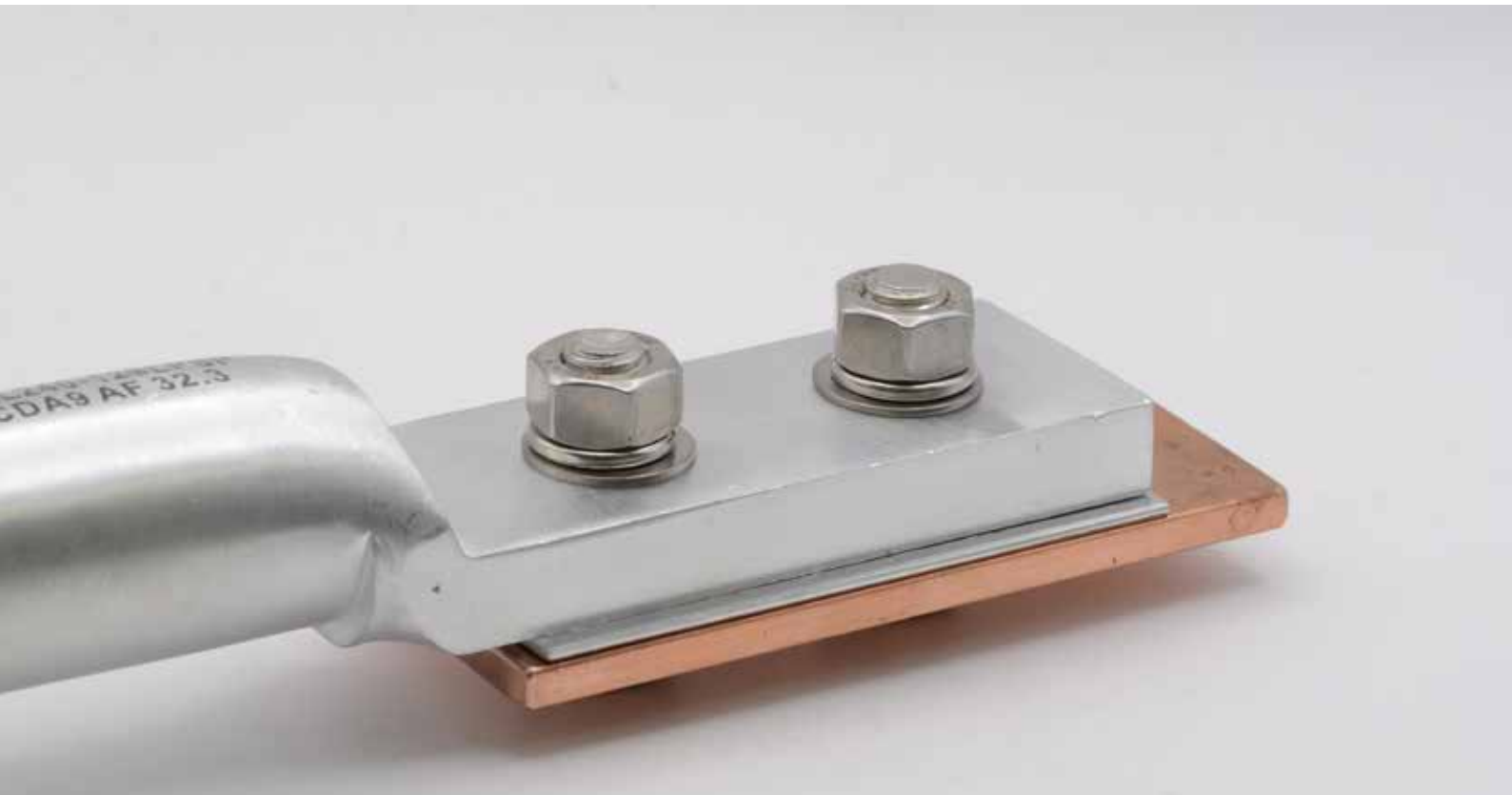
Used when needing to transition aluminium and copper surfaces.

i SPECIFICATIONS



Part No.	Dimensions		
	A	B	Thickness C
BLP10045	100	45	2
BLP10075	100	75	2
BLP100100	100	100	2
BLP100450	100	450	2
BLP1206001	120	600	1
BLP130204	130	204	2
BLP130520	130	520	2
BLP138600	138	600	2

For custom sizes, please contact the ECL team.



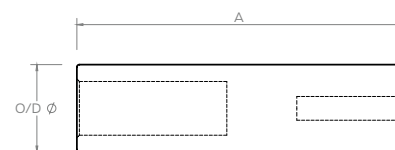




Aluminium & Transmission Products

Aluminium Reducing Links

Used for the joining of dissimilar sized aluminium and copper conductors. ALKR links feature a centre barrier. Manufactured from high conductivity aluminium rod. Commonly used on URD-sector and single XLPE cables for service main and network type applications. Complete with jointing compound, capped ends and compression die information.



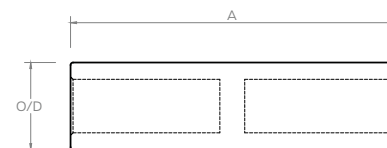
Note: Also available for Named Conductors.

Cable Size			Dimension mm		Crimp Die Info	
Part No.	AL	Cu	A	O/D	A/F mm	Die Part Number
ALKR25-16	25mm ²	16mm ²	70	12	9.0	DA25/35 (12T Crimp)
ALKR35-16	35mm ²	16mm ²	70	12	9.0	DA25/35 (12T Crimp)
ALKR35-25		25mm ²	70	12	9.0	
ALKR50-16	50mm ²	16mm ²	70	16	13.2	DA50/70 (12T Crimp)
ALKR50-25		25mm ²	70	16	13.2	
ALKR50-35		35mm ²	70	16	13.2	
ALKR70-16	70mm ²	16mm ²	80	16	13.2	DA50/70 (12T Crimp)
ALKR70-25		25mm ²	80	16	13.2	
ALKR70-35		35mm ²	80	16	13.2	
ALKR70-50		50mm ²	80	16	13.2	
ALKR95-16	95mm ²	16mm ²	110	21.5	17.3	DA95/120 (12T Crimp)
ALKR95-25		25mm ²	110	21.5	17.3	
ALKR95-35		35mm ²	110	21.5	17.3	
ALKR95-50		50mm ²	110	21.5	17.3	
ALKR95-70		70mm ²	110	21.5	17.3	
ALKR120-16	120mm ²	16mm ²	110	21.5	17.3	DA95/120 (12T Crimp)
ALKR120-25		25mm ²	110	21.5	17.3	
ALKR120-35		35mm ²	110	21.5	17.3	
ALKR120-50		50mm ²	110	21.5	17.3	
ALKR120-70		70mm ²	110	21.5	17.3	
ALKR150-16	150mm ²	16mm ²	120	27	22.0	DA150/185 (12T Crimp)
ALKR150-25		25mm ²	120	27	22.0	
ALKR150-35		35mm ²	120	27	22.0	
ALKR150-50		50mm ²	120	27	22.0	
ALKR150-70		70mm ²	120	27	22.0	
ALKR185-16	185mm ²	16mm ²	120	27	22.0	DA150/185 (12T Crimp)
ALKR185-25		25mm ²	120	27	22.0	
ALKR185-35		35mm ²	120	27	22.0	
ALKR185-50		50mm ²	120	27	22.0	
ALKR185-70		70mm ²	120	27	22.0	
ALKR185-95		95mm ²	120	27	22.0	
ALKR185-120		120mm ²	120	27	22.0	
ALKR240-16	240mm ²	16mm ²	130	35	28.4	DA240/300 (12T Crimp) / DAL240/300 (30T Crimp)
ALKR240-25		25mm ²	130	35	28.4	
ALKR240-35		35mm ²	130	35	28.4	
ALKR240-50		50mm ²	130	35	28.4	
ALKR240-70		70mm ²	130	35	28.4	
ALKR240-95		95mm ²	130	35	28.4	
ALKR240-120		120mm ²	130	35	28.4	
ALKR240-150		150mm ²	130	35	28.4	
ALKR240-185		185mm ²	130	35	28.4	

Cable Size			Dimension mm		Crimp Die Info	
Part No.	AL	Cu	A	O/D	A/F mm	Die Part Number
ALKR300-16	300mm ²	16mm ²	130	35	28.4	DA240/300 (12T Crimp) / DAL240/300 (30T Crimp)
ALKR300-25		25mm ²	130	35	28.4	
ALKR300-35		35mm ²	130	35	28.4	
ALKR300-50		50mm ²	130	35	28.4	
ALKR300-70		70mm ²	130	35	28.4	
ALKR300-95		95mm ²	130	35	28.4	
ALKR300-120		120mm ²	130	35	28.4	
ALKR300-150		150mm ²	130	35	28.4	
ALKR300-185	400mm ²	185mm ²	130	35	28.4	DAL400/500 (30T Crimp)
ALKR300-240		240mm ²	130	35	28.4	
ALKR400-35		35mm ²	160	47	39.0	
ALKR400-50		50mm ²	160	47	39.0	
ALKR400-70		70mm ²	160	47	39.0	
ALKR400-95		95mm ²	160	47	39.0	
ALKR400-120		120mm ²	160	47	39.0	
ALKR400-150		150mm ²	160	47	39.0	
ALKR400-185	500mm ²	185mm ²	160	47	39.0	DAL400/500 (30T Crimp)
ALKR400-240		240mm ²	160	47	39.0	
ALKR500-50		50mm ²	160	47	39.0	
ALKR500-70		70mm ²	160	47	39.0	
ALKR500-95		95mm ²	160	47	39.0	
ALKR500-120		120mm ²	160	47	39.0	
ALKR500-150		150mm ²	160	47	39.0	
ALKR500-185		185mm ²	160	47	39.0	
ALKR500-240	630mm ²	240mm ²	160	47	39.0	DAL630/800 (30T Crimp)
ALKR500-300		300mm ²	160	47	39.0	
ALKR630-50		50mm ²	210	54	43.2	
ALKR630-70		70mm ²	210	54	43.2	
ALKR630-95		95mm ²	210	54	43.2	
ALKR630-120		120mm ²	210	54	43.2	
ALKR630-150		150mm ²	210	54	43.2	
ALKR630-185		185mm ²	210	54	43.2	
ALKR630-240	630mm ²	240mm ²	210	54	43.2	DAL630/800 (30T Crimp)
ALKR630-300		300mm ²	210	54	43.2	

Aluminium Barrier Links

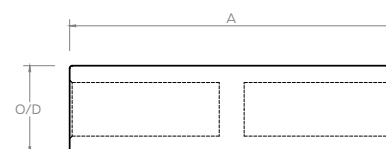
Used for joining same size aluminium conductors. ALKB links feature a centre barrier and are available for most sizes of aluminium conductors, including named conductors. Manufactured from high conductivity aluminium rod. Complete with jointing compound, capped ends and compression die information.



i SPECIFICATIONS

Part No.	Cable Size	Dimensions mm		Crimp Die Info	
		A	O/D	A/F mm	Die Part number
ALKB25	25mm ²	80	12	9.0	DA25/35 (12T Crimp)
ALKB35	35mm ²	80	12	9.0	DA25/35 (12T Crimp)
ALKB50	50mm ²	80	16	13.2	DA50/70 (12T Crimp)
ALKB70	70mm ²	80	16	13.2	DA50/70 (12T Crimp)
ALKB95	95mm ²	110	21.5	17.3	DA95/120 (12T Crimp)
ALKB120	120mm ²	110	21.5	17.3	DA95/120 (12T Crimp)
ALKB150	150mm ²	130	27	22.0	DA150/185 (12T Crimp)
ALKB185	185mm ²	130	27	22.0	DA150/185 (12T Crimp)
ALKB240	240mm ²	130	35	28.4	DA240/300 (12T Crimp) / DAL240/300 (30T Crimp)
ALKB300	300mm ²	130	35	28.4	DA240/300 (12T Crimp) / DAL240/300 (30T Crimp)
ALKB400	400mm ²	130	47	39.0	DAL400/500 (30T Crimp)
ALKB500	500mm ²	160	47	39.0	DAL400/500 (30T Crimp)
ALKB630	630mm ²	210	54	43.2	DAL630/800 (30T Crimp)

Aluminium Barrier Links - for Flexible Aluminium Cable

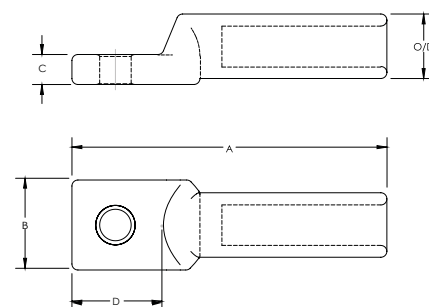


i SPECIFICATIONS

Part No.	Cable Size	Dimensions mm		Crimp Die Info
		A	O/D	A/F mm
ALKB25FL	25mm ²	80	12	9.0
ALKB35FL	35mm ²	80	16	13.2
ALKB50FL	50mm ²	80	16	13.2
ALKB70FL	70mm ²	110	21.5	17.3
ALKB95FL	95mm ²	110	21.5	17.3
ALKB120FL	120mm ²	130	27	22.0
ALKB150FL	150mm ²	130	27	22.0
ALKB185FL	185mm ²	130	35	28.4
ALKB240FL	240mm ²	130	35	28.4
ALKB300FL	300mm ²	130	47	39.0
ALKB400FL	400mm ²	160	47	39.0
ALKB500FL	500mm ²	210	54	43.2
ALKB630FL	630mm ²	210	54	43.2

Aluminium Lugs

Manufactured from solid aluminium rod using high conductivity 99.6% pure aluminium. Suitable for outdoor use as the palm ends are sealed. Complete with jointing compound in the barrel and sealed with an end cap. Standard sizes are listed, but other sizes can be punched to custom requirements and compression die information.

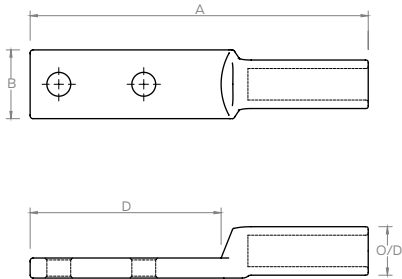


Conformant Standard: AS/NZS 4325.1:1995

Dimensions								Crimp Die Info	
Part No.	Cable Size	Stud Size mm	A	B	C	D	O/D	A/F mm	Die Part number
AL25-8	25mm ²	8	70	22	5	22	12	9.0	DA25/35
AL25-10		10	70	22	5	22	12	9.0	
AL25-12		12	70	22	5	22	12	9.0	
AL35-8	35mm ²	8	70	22	5	22	16	9.0	DA25/35
AL35-10		10	70	22	5	22	16	9.0	
AL35-12		12	70	22	5	22	16	9.0	
AL50-8	50mm ²	8	75	28	8	28	16	13.2	DA50/70
AL50-10		10	75	28	8	28	16	13.2	
AL50-12		12	75	28	8	28	16	13.2	
AL70-8	70mm ²	8	75	28	8	28	16	13.2	DA50/70
AL70-10		10	75	28	8	28	16	13.2	
AL70-12		12	75	28	8	28	16	13.2	
AL95-8	95mm ²	8	105	30	10	30	21.5	17.3	DA95/120
AL95-10		10	105	30	10	30	21.5	17.3	
AL95-12		12	105	30	10	30	21.5	17.3	
AL120-8	120mm ²	8	105	30	10	30	21.5	17.3	DA95/120
AL120-10		10	105	30	10	30	21.5	17.3	
AL120-12		12	105	30	10	30	21.5	17.3	
AL150-10	150mm ²	10	105	36	11	36	27	22.0	DA150/185
AL150-12		12	105	36	11	36	27	22.0	
AL185-10	185mm ²	10	105	36	11	36	27	22.0	DA150/185
AL185-12		12	105	36	11	36	27	22.0	
AL240-10	240mm ²	10	120	40	12	40	35	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
AL240-12		12	120	40	12	40	35	28.4	
AL300B	300mm ²	Blank	120	40	12	40	35	28.4	DA240/300(12T Crimp) DAL240/300(30T Crimp)
AL300-10		10	120	40	12	40	35	28.4	
AL300-12		12	120	40	12	40	35	28.4	
AL300-16		16	120	40	12	40	35	28.4	
AL400B	400mm ²	Blank	160	54	15	54	47	39.0	DAL400/500(30T Crimp)
AL400-10		10	160	54	15	54	47	39.0	
AL400-12		12	160	54	15	54	47	39.0	
AL400-16		16	160	54	15	54	47	39.0	
AL500B	500mm ²	Blank	160	54	15	54	47	39.0	DAL400/500(30T Crimp)
AL500-10		10	160	54	15	54	47	39.0	
AL500-12		12	160	54	15	54	47	39.0	
AL500-16		16	160	54	15	54	47	39.0	
AL630B	630mm ²	Blank	160	60	15	60	54	43.2	DAL630/800(30T Crimp)
AL630-12		12	160	60	15	60	54	43.2	
AL630-16		16	160	60	15	60	54	43.2	

Aluminium Long Palm Lugs

Manufactured from high conductivity solid aluminium rod. The lengthened palm allows for a 'double bolt' connection. Supplied blank as standard, hole punching service is available. Complete with jointing compound and compression die information.



Dimensions mm							
Part No.	Cable Size	Stud Size mm	A	B	C	D	OD
AL50-LP	50mm ²	Optional	Specs available on request. Please contact the ECL team				
AL70-LP	70mm ²	Optional	Specs available on request. Please contact the ECL team				
AL95-LP	95mm ²	Optional	Specs available on request. Please contact the ECL team				
AL120-LP	120mm ²	Optional	Specs available on request. Please contact the ECL team				
AL150-LP	150mm ²	Optional	Specs available on request. Please contact the ECL team				
AL185-LP	185mm ²	Optional	Specs available on request. Please contact the ECL team				
AL240-LP	240mm ²	Optional	Specs available on request. Please contact the ECL team				
AL300-LP	300mm ²	Optional	Specs available on request. Please contact the ECL team				
AL400-LP	400mm ²	Optional	Specs available on request. Please contact the ECL team				
AL500-LP	500mm ²	Optional	Specs available on request. Please contact the ECL team				
AL630-LP	630mm ²	Optional	Specs available on request. Please contact the ECL team				
AL800-LP	800mm ²	Optional	Specs available on request. Please contact the ECL team				
AL1000-LP	1000mm ²	Optional	Specs available on request. Please contact the ECL team				

Aluminium Long Palm Right Angle Lugs

Available on request. Please contact the ECL team.



Aluminium Named Conductor Lugs

Available for AAC, AAAC and ACSR named conductors. Manufactured from solid aluminium high conductivity rod. Complete with jointing compound, capped ends and compression die information. Long Palm Lugs supplied blank as standard, if two holes are required please specify hole size and spacings.



Specify your hole size: e.g. ALARGON-10 for M10 stud hole

Double Bolt Lug			
Part No.	Conductor	Part No.	Conductor
ALARGON-LP	Argon	ALKUTU-LP	Kutu
ALBEE-LP	Bee	ALLADYBIRD-LP	Ladybird
ALBEETLE-LP	Beetle	ALLAMPREY-LP	Lamprey
ALBORON-LP	Boron	ALLUTELIUM-LP	Lutellium
ALBUTTERFLY-LP	Butterfly	ALMAGPIE-LP	Magpie
ALCATERPILLAR-LP	Caterpillar	ALMATA-LP	Mata
ALCENTIPEDE-LP	Centipede	ALMINK-LP	Mink
ALCHAFAER-LP	Chafer	ALMOA-LP	Moa
ALCHLORINE-LP	Chlorine	ALMOKA-LP	Moka
ALCHRONIUM-LP	Chronium	ALMULLET-LP	Mullet
ALCHUKAR-LP	Chukar	ALNAMU-LP	Namu
ALCICADA-LP	Cicada	ALNEON-LP	Neon
ALCOCKROACH-LP	Cockroach	ALNITROGEN-LP	Nitrogen
ALCOYOTE-LP	Coyote	ALNOBELIUM-LP	Nobelium
ALCRICKET-LP	Cricket	ALOXYGEN-LP	Oxygen
ALDINGO-LP	Dingo	ALPETREL-LP	Petrel
ALDOG-LP	Dog	ALPHOSPHORUS-LP	Phosphorus
ALFERRET-LP	Ferret	ALPOKO-LP	Poko
ALFLOUNDER-LP	Flounder	ALRABBIT-LP	Rabbit
ALFLUORINE-LP	Fluorine	ALRACCOON-LP	Raccoon
ALFLY-LP	Fly	ALRANGO-LP	Rango
ALFOX-LP	Fox	ALSELENIUM-LP	Selenium
ALGNAT-LP	Gnat	ALSILICON-LP	Silicon
ALGOAT-LP	Goat	ALSPIDER-LP	Spider
ALGOPHER-LP	Gopher	ALSQUIRREL-LP	Squirrel
ALGRASSHOPPER-LP	Grasshopper	ALSULPHUR-LP	Sulphur
ALHAKE-LP	Hake	ALSWAN-LP	Swan
ALHARE-LP	Hare	ALTIGER-LP	Tiger
ALHELIUM-LP	Helium	ALWASP-LP	Wasp
ALHORNET-LP	Hornet	ALWEKE-LP	Weke
ALHUHU-LP	Huhu	ALWETA-LP	Weta
ALHYDROGEN-LP	Hydrogen	ALWAXWING-LP	Waxwing
ALHYENA-LP	Hyena	ALWOLF-LP	Wolf
ALIODINE-LP	Iodine	ALXENON-LP	Xenon
ALJAGUAR-LP	Jaguar	ALZEBRA-LP	Zebra
ALKRYPTON-LP	Krypton		

Single Bolt Lug			
Part No.	Conductor	Part No.	Conductor
ALARGON	Argon	ALKUTU	Kutu
ALBEE	Bee	ALLADYBIRD	Ladybird
ALBEETLE	Beetle	ALLAMPREY	Lamprey
ALBORON	Boron	ALLUTELIUM	Lutellium
ALBUTTERFLY	Butterfly	ALMAGPIE	Magpie
ALCATERPILLAR	Caterpillar	ALMATA	Mata
ALCENTIPEDE	Centipede	ALMINK	Mink
ALCHAFAER	Chafer	ALMOA	Moa
ALCHLORINE	Chlorine	ALMOKA	Moka
ALCHRONIUM	Chronium	ALMULLET	Mullet
ALCHUKAR	Chukar	ALNAMU	Namu
ALCICADA	Cicada	ALNEON	Neon
ALCOCKROACH	Cockroach	ALNITROGEN	Nitrogen
ALCOYOTE	Coyote	ALNOBELIUM	Nobelium
ALCRICKET	Cricket	ALOXYGEN	Oxygen
ALDINGO	Dingo	ALPETREL	Petrel
ALDOG	Dog	ALPHOSPHORUS	Phosphorus
ALFERRET	Ferret	ALPOKO	Poko
ALFLOUNDER	Flounder	ALRABBIT	Rabbit
ALFLUORINE	Fluorine	ALRACCOON	Raccoon
ALFLY	Fly	ALRANGO	Rango
ALFOX	Fox	ALSELENIUM	Selenium
ALGNAT	Gnat	ALSILICON	Silicon
ALGOAT	Goat	ALSPIDER	Spider
ALGOPHER	Gopher	ALSQUIRREL	Squirrel
ALGRASSHOPPER	Grasshopper	ALSULPHUR	Sulphur
ALHAKE	Hake	ALSWAN	Swan
ALHARE	Hare	ALTIGER	Tiger
ALHELIUM	Helium	ALWASP	Wasp
ALHORNET	Hornet	ALWEKE	Weke
ALHUHU	Huhu	ALWETA	Weta
ALHYDROGEN	Hydrogen	ALWAXWING	Waxwing
ALHYENA	Hyena	ALWOLF	Wolf
ALIODINE	Iodine	ALXENON	Xenon
ALJAGUAR	Jaguar	ALZEBRA	Zebra
ALKRYPTON	Krypton		

Aluminium Named Conductor Long Palm, Right Angle Lugs

Available on request. Please contact the ECL team.



Aluminium Parallel Groove Clamps

For tap-off connection of aluminium alloy conductors.

Material: High strength corrosion resistant Aluminium Alloy

Bolts: Steel 8.8, hot-dip galvanized

Conductor Cross Section mm ²			Conductor Diameter mm	Bolts
Part No.	AL	ACSR		
EC330672	25-150	25/4 - 120/20	6.3-15.7	2 x M10
EC330674	35-185	35/6 - 150/25	7.5-17.5	2 x M10
EC330680	35-300	35/6 - 265/35	7.5-21.6	3 x M10



Bimetallic Parallel Groove Clamps

For connection of AL conductors, ACSR conductors with copper tap-off conductors.

Material: High strength corrosion resistant aluminium alloy with hot forged bimetallic sheet, for copper tap-off

Bolts: Steel, 8.8, hot-dip galvanized

Nuts: Steel, 8, hot-dip galvanized

Conductor Cross Section mm ²				Conductor Diameter mm		Bolts
Part No.	AL	ACSR	Cu	AL	Cu	
EC330707	35-120	35/6 - 95/15	10-50	7.7 - 14.0	3.5 - 9.0	1 x M8
EC330710	16-70	16/2.5 - 70/12	6-50	5.1 - 12.5	1.6 - 7.5	2 x M8
EC330712	25-150	25/4 - 120/20	10-95	6.3 - 15.7	3.5 - 12.5	2 x M8
EC330716	35-185	35/6 - 150-25	35-185	7.5 - 17.5	7.5 - 17.5	3 x M10
EC330717	50-300	65/6 - 265-35	35-240	9.0 - 23.0	7.5 - 20.3	3 x M10



Bimetallic Cover Type Tap Connectors

For AL, ACSR conductors and copper tap-off conductors.

Material Cover: High strength corrosion resistant aluminium alloy

Material Middle: Aluminium Alloy with hot forged bimetallic sheet

Material Lower: High strength copper alloy

Bolt: Steel, 8.8 hot-dip galvanised

Conical Washers: Steel, corrosion-protected

Conductor Cross Section mm ²				Bolts
Part No.	AL	ACSR	Cu	
EC330714	25-70	25/4 - 70/12	10-70	2 x M8 x 45
EC330715	50-150	50/8 - 120/20	25-120	2 x M8 x 55



Universal Overhead Line Clamps

For clamping of dead ends, tap off conductors, auxiliary conductors AL and ACSR

Material: High strength aluminium alloy, drop forged

Bolts: Class 8.8 hot-dip galvanized

Conductor Cross Section mm ²			Conductor Diameter mm	Bolts
Part No.	AL	ACSR	AL-ACSR	
EC332695	16-70	25/4 - 70/12	5.1 - 11.7	2 x M8
EC332699	50-150	50/8 - 120/20	9.0 - 16	2 x M10



Copper Parallel Groove Clamps

For tap off connection of copper conductors

Material: High strength copper alloy

Bolts: Stainless steel

Part No.	Conductor Cross Section mm ²	Conductor Diameter mm	Bolts
EC330571	6-70	3 - 10.5	2 x M8
EC330572	10-95	3.5 - 12.5	2 x M8
EC330573	16-150	4.5 - 15.7	2 x M10



Temporary Earthing Clamps

Part No.	Description
ECSH120	Temporary Earth Clamp c/w Plastic Screwdriver Handle
EC867811	Temp Earthing Clamp



Insulation Piercing Connectors

IPCs are for use with insulated aluminium or copper conductors. A fully insulated bolt provides safe live line working. Both main and branch conductor insulations are pierced by single bolt action. The design of the connector enables live line installation without peeling insulation from conductor.

Benefits:

- Constructed from hard, corrosion resistant aluminium alloy
- Tested according to international and many national standards
- Tin plated aluminium teeth
- Waterproof

Part No.	Range
ENSLIW52	16-150 mm ² / 1.5-16 mm ²
ENSLIW54	16-120 mm ² / 6-50 mm ²
ENSLIW56	25-150 mm ² / 6-35 mm ²
ENSLIW57	25-150 mm ² / 25-95 mm ²



Parallel Groove Clamp Shearhead Type

Manufactured from tin plated aluminium alloy with shear head bolts of hot-dip galvanized steel.

Part No.	Range	Description
ENSL37.271	AL/Cu 6-95mm ²	Non tension aluminium/copper to aluminium/copper connections. ENSL39.271 connector is suitable for AAC, AAAC and ACSR, Cu conductors, where no mechanical tension is involved.
ENSL39.271	AL/Cu 16-150, Cu 10-120mm ²	Non tension aluminium/copper to aluminium/copper connections. ENSL39.271 connector is suitable for AAC, AAAC and ACSR, Cu conductors. Equipped with two M8 shearhead bolts.



Split Bolt Connectors - Line Taps

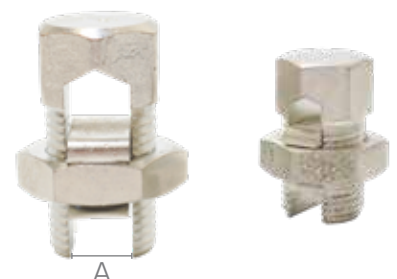
Manufactured from brass, with a tin plated finish, ECL range of Split Bolt Connectors feature a captive saddle for best clamping performance. Ideal for jointing or tapping off of conductors.
*Heavy Duty

Split Bolt Stanger

Part No.
SBC35PA



Part No.	Cable Size	Internal Width mm
SBC10	10	5.5
SBC16	16	5.6
SBC25	25	7
SBC12A*	35	8
SBC35	35	8.3
SBC50	50	9.7
SBC70	70	10.8
SBC95	95	14.1
SBC120	120	15.8
SBC150	150	16
SBC185	185	18.1





Custom
Manufacture



Tailored Perfection

We ensure product can be manufactured to your exact specification and bespoke requirements.

Customer Satisfaction

The right product at the right time - we'll make it happen. We understand your needs, preferences and pain points, and strive to achieve an enjoyable experience every time.





Quality Control

With personalised attention to detail, you can expect superior quality. Our test laboratory and rigorous quality control ensure we meet the highest of standards.

Bespoke Solutions





Shearhead
Products

Shearhead Connector Links

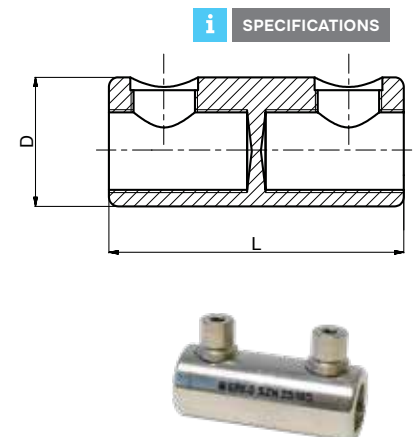
Reliable and cost-effective way of connecting different conductor sizes and types. Manufactured and certified in Europe from high strength aluminium alloy. Available from 1kV up to 36kV. Shearhead connectors minimize inventory and can save downtime in the event of cable outages. Quick and easy to use, providing optimal cable clamping and suitable for both copper and aluminium conductors.

Conformant Standard: IEC 61238-1:2003



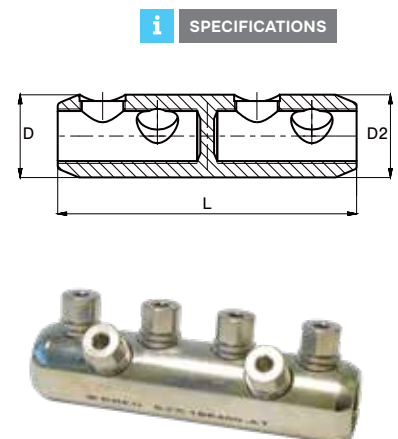
Shearhead Connector Links up to 1kV

Part No.	Cable Size	Dimensions mm			Screws
		D	L		
ECZN1516	1.5-16mm ²	12	31		2
ECZN635	6-35mm ²	16	40		2
ECZN650	6-50mm ²	18	38		2
ECZN1695	16-95mm ²	25	55		2
ECZN2595	25-95mm ²	25	56		2
ECZN25150	25-150mm ²	28	71		2
ECZN25185	25-185mm ²	33	80		2
ECZN120240	120-240mm ²	35	80		2



Shearhead Connector Links up to 36kV - ECZS Type

Part No.	Cable Size	Dimensions mm				Screws
		D	D2	L		
ECZS1695	16-95mm ²	24	24	70		2
ECZS50150	50-150mm ²	30	30	85		2
ECZS95240	95-240mm ²	33	33	120		4
ECZS120300	120-300mm ²	38	38	142		4
ECZS120/300-16/95	120/300-16/95mm ²	38	24	142		2 & 1
ECZS185/400-95/240	185/400-95/240mm ²	42	33	170		3 & 2
ECZS185400	185-400mm ²	42	42	170		6
ECZS185/400-400/630	185/400-400/630mm ²	50	42	200		3 & 3
ECZS400630	400-630mm ²	52	52	200		6



Shearhead Holding Tool

Holder for shear off screw terminals and connectors for use during mounting and tightening screws.



Part No.	Description	Dimensions mm	
		Length	Weight
ECUZS	Shearhead Holding Tool	265	650g

Shearhead Connector Lugs

Reliable and cost-effective way of connecting different conductor sizes and types. Manufactured and certified in Europe from high strength aluminium alloy. Available from 1kV up to 36kV. Shearhead connectors minimize inventory and can save downtime in the event of cable outages. Quick and easy to use, providing optimal cable clamping and suitable for both copper and aluminium conductors.

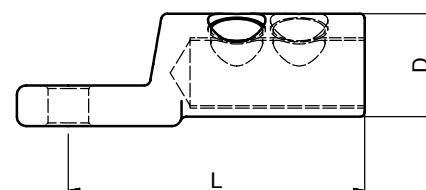
Conformant Standard: IEC 61238-1:2003



Shearhead Connector Lugs up to 6kV

Part No.	Cable Size	Stud Size mm	Dimensions mm			
			D	L	Palm Width	Screws
ECKN8-1625	16-25mm ²	8	18	40	25	1
ECKN10-1625	16-25mm ²	10	18	40	25	1
ECKN12-1625	16-25mm ²	12	18	40	25	1
ECKN8-2595	25-95mm ²	8	28	60	28.4	1
ECKN10-2595	25-95mm ²	10	28	60	28.4	1
ECKN12-2595	25-95mm ²	12	28	60	28.4	1
ECKN8-25185	25-185mm ²	8	33	95	33.5	2
ECKN10-25185	25-185mm ²	10	33	95	33.5	2
ECKN12-25185	25-185mm ²	12	33	95	33.5	2
ECKN16-25185	25-185mm ²	16	33	95	33.5	2
ECKN8-120240	120-240mm ²	8	38	100	38	2
ECKN10-120240	120-240mm ²	10	38	100	38	2
ECKN12-120240	120-240mm ²	12	38	100	38	2
ECKN16-120240	120-240mm ²	16	38	100	38	2

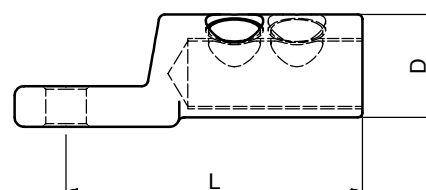
i SPECIFICATIONS



Shearhead Connector Lugs up to 36kV

Part No.	Cable Size	Stud Size mm	Dimensions mm			
			D	L	Palm Width	Screws
ECKS12-1695	16-95mm ²	12	24	60	30	1
ECKS12-50150	50-150mm ²	12	30	79	30	1
ECKS16-50150	50-150mm ²	16	30	79	30	1
ECKS12-95240	95-240mm ²	12	33	95	33.5	2
ECKS16-95240	95-240mm ²	16	33	95	33.5	2
ECKS12-120300	120-300mm ²	12	38	105	38	2
ECKS16-120300	120-300mm ²	16	38	105	38	2
ECKS12-185400	185-400mm ²	12	42	120	42	3
ECKS16-185400	185-400mm ²	16	42	120	42	3
ECKS12-400630	400-630mm ²	12	52	136	52	3
ECKS16-400630	400-630mm ²	16	52	136	52	3

i SPECIFICATIONS



Shearhead Long Palm Lugs

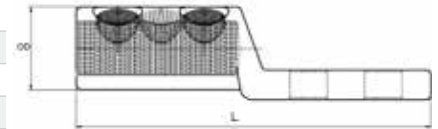
With a long palm to accommodate 2 holes. Available from 1kV up to 36kV. Manufactured from high strength aluminium alloy and electro plated.

Conformant Standard: IEC 61238-1:2003



SPECIFICATIONS

Part No.	Cable Size	Dimensions mm	
		L	OD
ECKS12D-1695	16-95mm ²	92	24
ECKS12D-95240	95-240mm ²	128	33
ECKS12D-185400	185-400mm ²	159	42
ECKS12D-400630	400-630mm ²	180	52
ECKS12D-6301000	630-1000mm ²	208	65



Features & Benefits

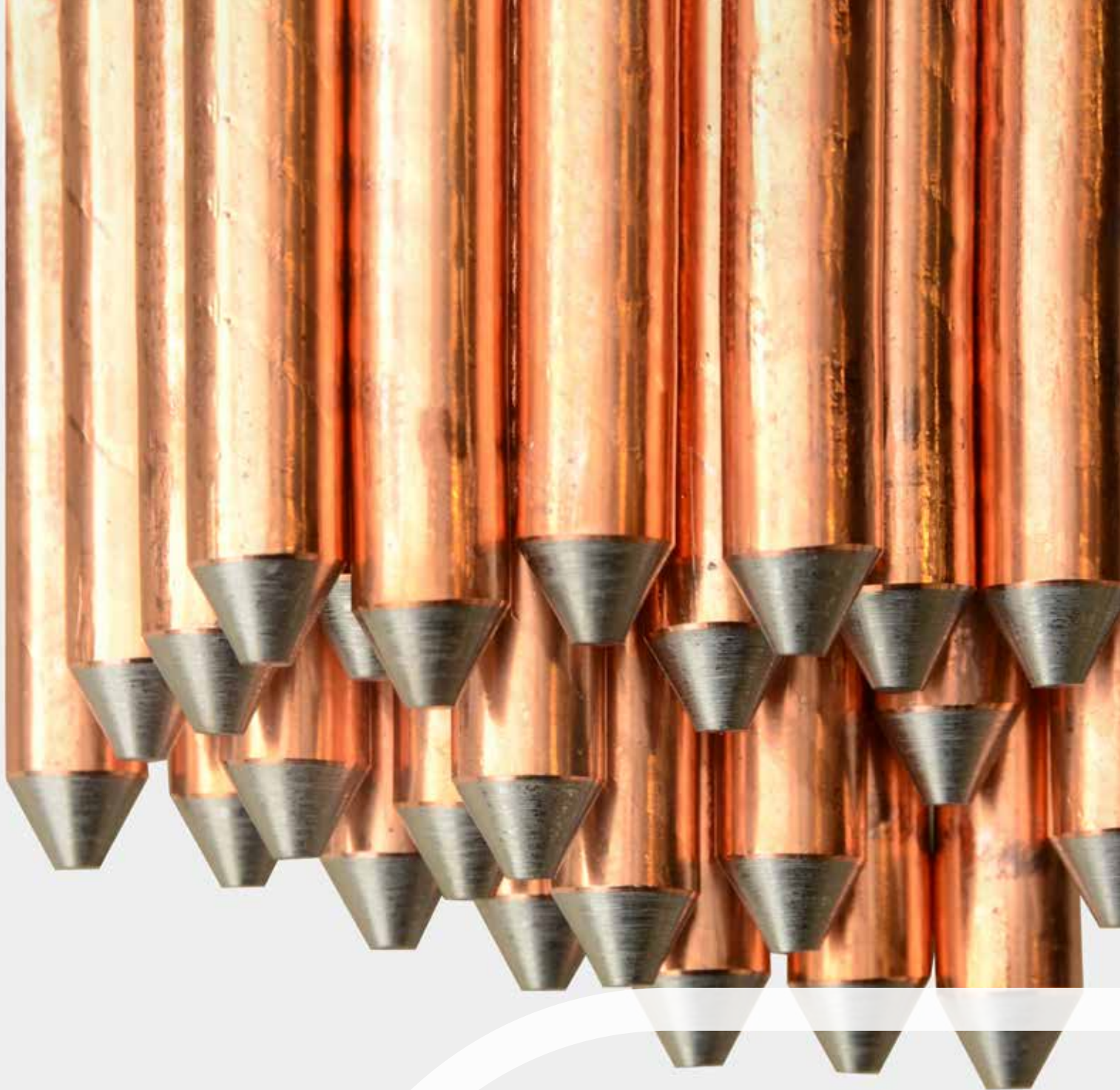
FEATURES & BENEFITS OF SHEARHEAD LUGS & LINKS

Good contact properties	Connection between copper and aluminium conductors is possible
Conductor Connection hole with crosswise and lengthwise grooves	Good electrical performance. Conductor oxide film is disrupted
Centered hold and inserts	Conductors of every size are centered. Height of the step between the conductor insulation and connector surface is reduced. Same cut-back length even when centering insert is used. Wires are not distorted when bolts are tightened
Shearhead with predetermined shear torque, hexagon head and specially shaped contact ring	No torque wrench necessary. Head shears off when a specific level of torque is applied. High tensile strength
Lubricated bolts	Reduces friction. Converts tightening torque into contact force for maximum effect

Installation

- Easy and secure installation without special tools
- All it takes to tighten bolts is a wrench and hexagon socket
- Same cut-back length for each type
- Inserts are included
- Shearhead bolts with pre determined torque ensure a reliable and secure contact
- The use of a support tool is recommended to prevent conductor bending
- Separate installation instructions included with every connector or cable lug
- When joining copper flex, it is recommended to use brass gauze or uninsulated copper ferrules





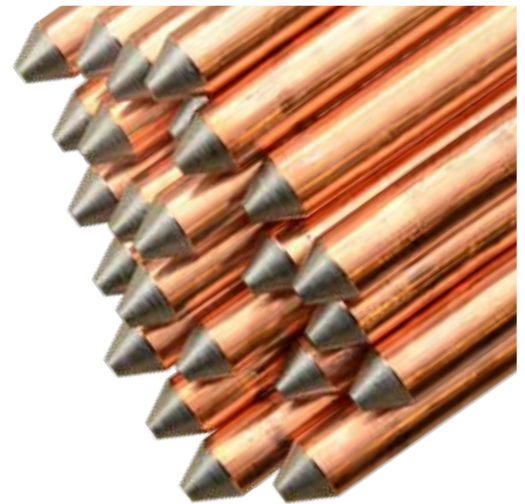
Earthing Products

Earth Rods - Copper Bonded

Copper Bonded Earth Rods establish a quality earth and provide ground contact in all soil conditions.

- 99.9% pure electrolytic copper bonded to a low carbon steel core
- Provide a low resistance link to the ground
- Minimum 254 microns electrolytic copper coating
- Supplied in bundles, see below pack size

Part No.	Dimensions	Pack Size
ER1813CC	1.8m x 12.8mm	20
ER1816CC	1.8m x 16mm	10

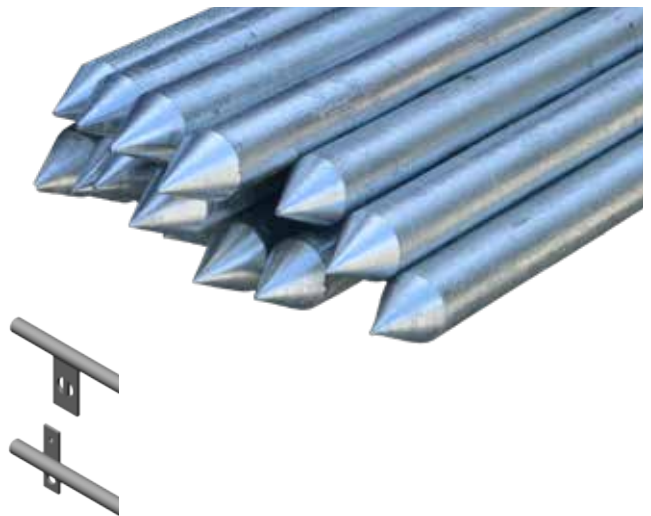


Earth Rods - Galvanised Steel

Galvanised Steel Earth Rods establish a cost effective earth and provide ground contact in all soil conditions.

- Designed for structural earthing and lightning protection
- Supplied in bundles of 10

Part No.	Description	Dimensions	Pack Size
ER2016G	Plain	2.0m x 16mm	10
ER2016GT	With 2 Hole Tag	2.0m x 16mm	10
ER2016G35PA	With HD12A Line Tap Tag	2.0m x 16mm	10



Complete Earth - Street Lighting

12.8mm Copper Bonded Steel Rod with an exothermically welded earth provides a welded connection from the streetlight to the earth.

Other options made to order. Please contact the ECL team to discuss your requirements.

- Supplied in bundles of 50

Part No.	Rod Dimensions	Earth Lead
ER1813CW310	1.8m x 12.8mm	3m x 10mm Green/Yellow earth
ER1813CW316	1.8m x 12.8mm	3m x 16mm Green/Yellow earth
ER1813CW1010	1.8m x 12.8mm	10m x 10mm Green/Yellow earth



Tinned Copper Earth Bars

We supply a range of Tinned Copper Earth Bars to suit client requirements.

- Stainless steel studs, washers and nuts
- Large range of sizes available



Earth Rod Couplers

Brass Earth Rod Couplers are available for joining copper bonded earth rods.

- Used to join multiple earth rods together

Part No.	Description
ERC127	Earth Rod Joiner/Coupler Brass 12.8mm
ERC16	Earth Rod Joiner/Coupler Brass 16mm



Earth Rod Driving Tips

Driving Earth Rods in hard ground is made easier with a driving tip.

- Available for 12.8mm earth rods.

Part No.	Description
ERDT	Earth Rod Driving Tip



Earth Clamps

12.8mm copper bonded steel rod with a welded earth provides a welded connection from the streetlight to the earth.

- These have a groove to ensure correct placement of conductor.
- Designed for single conductor parallel orientation.
- Can be easily removed if required

Part No.	Description
ERCL1670S	Earth Rod Clamp 16-70mm, zinc-plated bolt



Part No.	Description
ERCLU-1	Earth Rod Clamp 12.8-16mm Dia Rod, 16-35mm ² Cable SS U Bolt



Coil Springs

For use in low and medium voltage cable joints, and also as a copper braid earth clamp

Part No.	Internal Diameter (mm)	Application Range (mm)	Width (mm)
CS12-21	11	12-21	16
CS17-22	14	17-22	19
CA19-29	16	19-29	19
CS25-37	22	25-37	19
CS31-50	23	31-50	19
CS34-70	32	34-70	19



Tinned Copper Braid

ECL supplies a range of tinned and untinned Copper Braids. Tinned Copper Braid is sold by the metre, or fixed lengths with end furrules manufactured to order.

Please contact the ECL team to discuss your requirements.

Part No.	Description
CUBR4	Copper Braid Tinned 4mm ²
CUBR10	Copper Braid Tinned 10mm ²
CUBR16	Copper Braid Tinned 16mm ²
CUBR25	Copper Braid Tinned 25mm ²
CUBR35	Copper Braid Tinned 35mm ²



Industrial Area



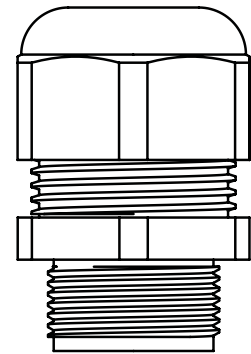
Nylon Cable Glands

SPECIFICATIONS

Electrical Connections Cable Glands are unique. Originally marketed as the 'ultimate' gland, our glands have been the preferred choice by end users for many years. Finished in black nylon, these glands have the following special features:

- Rated to IP68
- Supplied with sealing washer and locknut
- Large size range
- Continuous operating withstand temperature -40° to 100°C
- Short term withstand temperature rating 200°C
- Superior cable retention due to locking mechanism. Ideal in vibration prone environment such as the marine industry

GEN20



Nylon Cable Glands - Metric Series				
Part No.	Thread Size	Colour	Cable Diameter min-max	Pack Size
G12	M12	Black	3-6mm	100
G12G	M12	Grey	3-6mm	100
G16	M16	Black	4-10mm	50
G16G	M16	Grey	4-10mm	50
G20	M20	Black	7-13mm	40
G20G	M20	Grey	7-13mm	40
G25	M25	Black	11-18mm	20
G25G	M25	Grey	11-18mm	20
G32	M32	Black	15-24mm	15
G40	M40	Black	19-31mm	6
G50	M50	Black	27-38mm	3
G63	M63	Black	34-43mm	2
G75	M75	Black	47-56mm	1

For other colours, please contact our ECL sales team.

Nylon Cable Glands - PG Series		
Part No.	Thread Size	Cable Diameter min-max mm
GPG9	PG9	4-8
GPG11	PG11	6-10
GPG13.5	PG13.5	7-12.5
GPG16	PG16	8.5-14
GPG21	PG21	12.5-18
GPG29	PG29	18-25

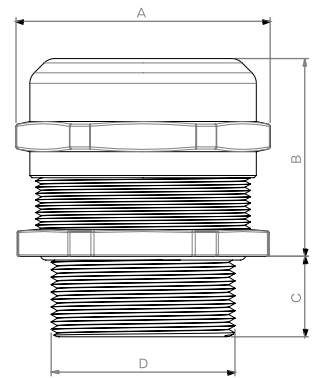


IP68 Cable Glands

i SPECIFICATIONS

Used for PVC, XLPE, and flexible cables to protect against the ingress of dust and moisture. Manufactured from nickel plated brass, with a temperature rating of -20 °C to 120°C and tested to IP68. Superior cable grip and enhanced strain relief. Extended cable diameter range reduces inventory. Glands are supplied complete with locknut.

TECHNICAL DETAILS	Material:	Brass BS 2874 CZ121 Pb3
	Ingress Protection Rating:	IP68
	Operating Temp.:	-20°C to 120°C



IP68 Cable Glands - Metric Series

Part No.	Thread Size D	Thread Length mm (C)	Cable Diameter min-max	Dia Across Flats mm (A)	Dia Across Corners mm (A)
BG12	M12	5	3-6.5mm	14	15.5
BG16	M16	8	4-8mm	18	19.5
BG20	M20	7	6-12mm	22	24.5
BG25	M25	8	13-18mm	31	34
BG32	M32	9.5	18-25mm	40	44.5
BG40	M40	10	25-32mm	50	55
BG50	M50	13	32-38mm	55	60
BG63	M63	10.5	37-44mm	65	70.5

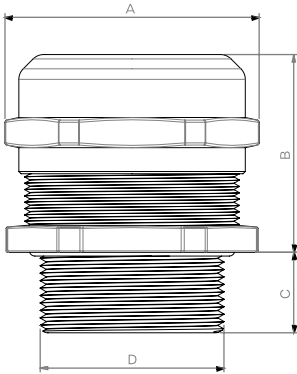
IP68 Cable Glands - PG Series

Part No.	Thread Size D	Thread Length mm C	Cable Diameter min-max	Dia Across Flats mm A	Dia Across Corners mm A
BGPG11	PG11	7	5-10mm	20	22
BGPG13.5	PG13.5	7	6-12mm	22	24.5
BGPG16	PG16	6.5	10-14mm	24	26.5
BGPG21	PG21	8	13-18mm	31	34
BGPG29	PG29	9	18-25mm	40	44.5
BGPG36	PG36	10	25-32mm	50	55
BGPG42	PG42	11	32-38mm	55	60

Stainless Steel Cable Glands Unarmoured

Used in the dairy, wine, chemical industries and in arduous marine environments. Manufactured from 316 Stainless Steel, these glands have an environmental protection rating to IP68. Locknuts sold separately.

TECHNICAL DETAILS	Material:	Body, Cap: Stainless Steel 316 Seal: CR (Chloroprene) Clamping Insert: PA 6 (Polyamide 6) O-Ring: NBR
	Ingress Protection Rating:	IP68 - 5 Bar, 30 min
	Flammability:	V2 according to UL94
	Operating Temp.:	Permanent: -20°C to 100°C Intermittent: -40°C to 150°C



In compliance with DIN EN 62444



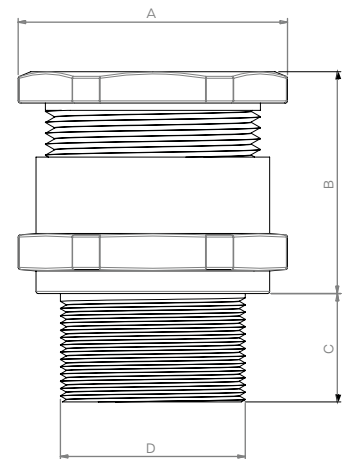
Part No.	Thread Size D	Thread Length mm C	Length mm B	Dia across Corners mm A	Dia across Flats mm A	Cable Range (min-max)	Locknut Part Number
GSS12	M12	6.0mm	24	15.5	14	3-6.5mm	GSSL12
GSS16	M16	12.0mm	30.5	24.5	22	5-10mm	GSSL16
GSS20	M20	8.0mm	26.5	24.5	22	6-12mm	GSSL20
GSS25	M25	12.0mm	32.5	30	27	11-17mm	GSSL25
GSS32	M32	15.0mm	35	39.8	36	15-21mm	GSSL32
GSS40	M40	15.0mm	45.5	51.5	46	19-28mm	GSSL40
GSS50	M50	15.0mm	54	66.5	60	27-38mm	GSSL50
GSS63	M63	18.0mm	53	83	75	37-53mm	GSSL63
GSS75	M75	Available on request, please contact the ECL team					
GSS90	M90	Available on request, please contact the ECL team					

Larger sizes available on request, please contact our ECL team

Cable Glands Unarmoured A2

For general purpose use with XLPE and PVC cables offering effective cable retention for unarmoured cable. Manufactured in nickel plated brass they are suitable for arduous environment. The large cable range covered by each gland size reduces inventory and simplifies gland selection. Glands are supplied complete with locknut and are rated to IP66 if fitted with a gasket.

SPECIFICATIONS



TECHNICAL DETAILS	Material:	Brass BS 2874 CZ121 Pb3
	Application:	A2 compression type cable glands can be used indoors or outdoors, on all "unarmoured cable".
	IP Rating:	IP66
	Finish:	Nickel plated finish
	Operating Temp.:	Standard seals -20°C to 80°C

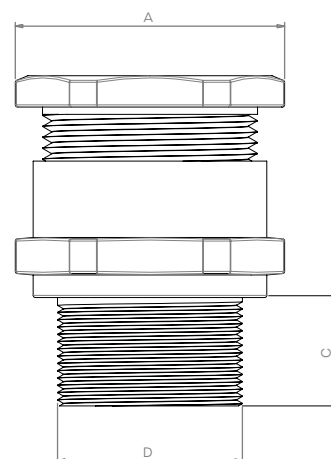


Part No.	Thread Size D	Thread Length mm C	Cable Diameter (min-max) mm	Dia Across Corners mm A	Dia Across Flat mm A
GA220SS	M20	15	3.5-8.5	24.4	23
GA220S	M20	15	8-11.5	26.5	23
GA220L	M20	15	11-13.5	26.5	23
GA225	M25	15	13-19.5	39.9	33.1
GA232	M32	15	19-25.5	45.5	40.1
GA240	M40	15	25-32	55.4	49.3
GA250S	M50	15	31.5-37	61	55.3
GA250L	M50	15	36.5-43	65.5	59.4
GA263S	M63	15	42.5-50	77.6	70
GA263L	M63	15	49.5-55	83.2	73
GA275S	M75	15	54.5-61	88.7	83.5
GA275L	M75	15	60.5-67	94.2	84.3
GA290	M90	20	65-78	120.7	103.5
GA2100	M100	24	76.5-90	120	130
GA2130	M130	Available on request, please contact the ECL team.			

Stainless Steel Cable Glands Unarmoured A2

Used in the dairy, wine, chemical industries and in arduous marine environments. Designed for a range of unarmoured cables. Manufactured from 316 Stainless Steel, these glands have an environmental protection rating to IP66. Locknuts sold separately.

SPECIFICATIONS



TECHNICAL DETAILS	Material:	Stainless Steel 316
	IP Rating:	IP66
	Operating Temp.:	Standard Seals (Nitrile): -20°C to 80°C



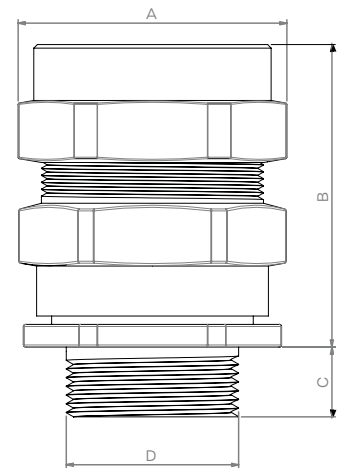
Part No.	Cable Gland Size	Thread Size D	Thread Length C	Cable Diameter min-max	Dia across corners mm A	Dia Across Flats mm A
GSS20A2SS	20SS	M20	15	3.2-8.7mm	27	24.5
GSS20A2S	20S	M20	15	6.2-11.7mm	27	24.5
GSS20A2	20	M20	15	6.5-14mm	30	27
GSS25A2	25	M25	15	11.2-20mm	40	36
GSS32A2	32	M32	15	17.1-26.3mm	45	41
GSS40A2	40	M40	15	23.5-32.2mm	55	50
GSS50A2S	50S	M50	15	31-38.2mm	60	55
GSS50A2L	50	M50	15	35.6-44mm	66	60
GSS63A2S	63S	M63	15	41.5-49.9mm	77	70
GSS63A2L	63	M63	15	47.3-55.9mm	82	75
GSS75A2S	75S	M75	15	54-61.9mm	92	84
GSS75A2L	75	M75	15	61.2-67.9mm	92	84
GSS90A2	90	M90	24	66.6-79.9mm	118	108
GSS100A2	100	M100	24	76-91mm	125	115

CW Armoured Cable Glands

For use with steel wire armoured (SWA) cable. Manufactured from nickel plated brass they are suitable for both indoor and outdoor applications. Glands are supplied complete with locknut.

SPECIFICATIONS

Material:	Brass BS 2874 CZ121 Pb3
IP Rating:	IP66
Finish:	Nickel plated finish



Cable Dimensions mm								
Part No.	Shroud Part Number	Thread Size D	Thread Length mm C	Max Under Armour Dia mm	Overall Dia		Dia Across Corners mm A	Dia Across Flats mm A
					min	max		
GCW20S	GSH1S	M20	10	11.5	9.8	15.5	24	22.3
GCW20L	GSH1S	M20	10	14	12.7	20.5	26	23.3
GCW25	GSH2	M25	10	18.5	18.5	27.2	37	34
GCW32	GSH3	M32	10	22	22	33.5	45.6	40.5
GCW40	GSH4	M40	13	28	28	39.5	51	46
GCW50S	GSH5S	M50	13	34	34	46.3	64	57
GCW50L	GSH5	M50	13	41	41	52.6	69.6	62
GCW63S	GSH6S	M63S	14	48	48	59	77.6	69
GCW63L	GSH6S	M63L	14	50	50	65.3	87	77
GCW75	GSH7	M75	15	60	60	71.6	96	85

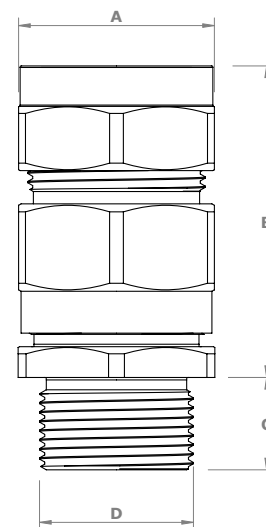
Gland Selection Chart - Armoured Cables nominal diameter							
Cable	2 Core + E	3 Core + E	7 Core	12 Core	19 Core	27 Core	32 Core
1.5mm	CW20SS	CW20SS	CW20SS	CW20S	CW25		CW32
2.5mm	CW20S	CW20S	CW20S	CW25	CW20S	CW32	CW40
4mm	CW20S	CW20S					
6mm	CW20S	CW25					
10mm		CW25					
16mm		CW25					
25mm		CW32					
35mm		CW32					
50mm		CW32					
70mm		CW40					
95mm		CW50S					
120mm		CW50L					
150mm		CW50L					
185mm		CW63S					
240mm		CW63L					

CW Armoured Cable Glands Stainless Steel

i SPECIFICATIONS

For use with steel wire armoured (SWA) cable. Manufactured from 316 Stainless Steel, they are suitable for both indoor and outdoor applications. Locknuts sold separately.

Material:	Stainless Steel 316
Sealing Method:	Double Compression Sealing



Part No.	Thread Size D	Thread Length mm C	Cable Dia min-max mm	Cable Dia Under Armour mm	Dia Across Corners mm A	Dia Across Flats mm A
GCWSS20SS	M20	10	11.8-15.4	8.8-11.6	26	24
GCWSS20S	M20	10	11.8-15.4	8.8-11.6	26	24
GCWSS20L	M20	10	15-20.3	11-13.9	30	27
GCWSS25S	M25	10	18.2-23.5	13.3-16.8	35.5	32
GCWSS25L	M25	10	21.5-27	16.5-20	39.5	36
GCWSS32S	M32	10	26.3-31.8	20-23.5	46	41
GCWSS32L	M32	10	28.3-33.8	23.2-26.7	51	45
GCWSS40S	M40	15	32.7-39.4	26-30.5	56	51
GCWSS40L	M40	15	33.8-40.5	29.2-33.7	57.5	52
GCWSS50S	M50	15	40-46.7	33-39.5	65	59
GCWSS50L	M50	15	45.8-52.8	38-44.5	73	65.5
GCWSS63S	M63	15	52.3-60.5	44-50.5	83	75
GCWSS63L	M63	15	58.6-66.8	49.5-56	89	80
GCWSS75S	M75	15	63.5-72.5	55.5-62	97	87
GCWSS75L	M75	15	69-78.5	61.5-68	108	97
GCWSS90	M90	20	78.5-91	67-78.5	114.5	104

*Cable diameters may vary between manufacturers, please double check the cable specifications before ordering.

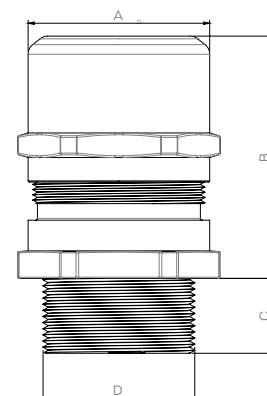


EMC (VSD) Cable Glands

Used for variable speed drives. Special features include the patented 360-degree contact system inside the gland allowing all degrees of freedom necessary to install a cable easily. In addition to this the G4 gland offers exceptional shielding and derivation test values. Locknuts sold separately.

i SPECIFICATIONS

TECHNICAL DETAILS	Material:	Body: Brass Nickel plated, Stainless Steel 316 Seal: CR (Chloroprene) Clamping Insert: PA 6 (Polyamide 6) Contact Spring: Special Copper Alloy O-Ring: NBR
	Ingress Protection Rating:	IP 68 - 5 Bar, 30 min
	Flammability:	V2 according to UL94
	Operating Temp.:	Permanent: -20°C to 100°C Intermittent: -40°C to 150°C



STANDARDS	 DIN EN 62444	 UL514B CSA22.2 No 18.3-12 CSA22.2 No 94.2-1S	 UL50E	 EN62444

Part No.	Thread Size D	Thread Length mm C	Length mm B	Cable Outside Dia min-max mm	Shield Diameter Range mm	Dia Across Corners mm A	Dia Across Flats mm A
G416	M16	12	35	5-10	3.5-8	22	20
G420	M20	12	41.5	7.5-14	5.5-11.5	26.8	24
G425	M25	12	44.5	10-18	7-14	33	30
G432	M32	15	55	16-25	12-20	44.5	40
G440	M40	15	62.5	22-32	18-27	55.5	50
G450	M50	15	74	30-38	26-34	64	58
G463S	M63S	15	60	34-44	30-40	75	64
G463L	M63L	15	75	37-53	33-49	83	75
G475S	M75S	20	54	53-64	45-60	100	90
G475L	M75L	20	52	60-67	45-60	100	90

EMC Glands Stainless Steel 316

Part No	Thread Size D	Thread Length mm C	Length mm B	Cable Outside Dia min-max mm	Shield Diameter Range mm	Dia Across Corners mm A	Dia Across Flats mm A
G416SS316	M16	12	35	5-10	3.5-8	22	20
G420SS316	M20	12	41.5	6-12	5.5-11.5	26.8	24
G425SS316	M25	12	44.5	10-18	7-14	33	30
G432SS316	M32	15	55	16-25	12-20	44.5	40
G440SS316	M40	15	62.5	22-32	18-27	55.5	50
G450SS316	M50	15	74	30-38	26-34	64	58
G463SS316	M63S	15	60	34-44	30-40	75	64
G463LSS316	M63L	15	75	37-53	33-49	83	75
G475SS316	M75S	20	54	53-64	45-60	100	90
G475LSS316	M75L	20	52	60-67	45-60	100	90

EMC (VSD) Locknuts

Locknuts with 'machined' barbs to allow an earthing track to be cut in the metallic enclosure during installation of the EMC gland.



i SPECIFICATIONS

Part No.	To Fit Gland	Thread Size
G4L16	G416	M16
G4L20	G420	M20
G4L25	G425	M25
G4L32	G432	M32
G4L40	G440	M40
G4L50	G450	M50
G4L63	G463S & G463L	M63
G4L75	G475S & G475L	M75

Cable Gland Accessories

Locknuts

Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size	Part No.	Thread Size
GML12	M12	GSSL12	M12
GML16	M16	GSSL16	M16
GML20	M20	GSSL20	M20
GML25	M25	GSSL25	M25
GML32	M32	GSSL30	M32
GML40	M40	GSSL40	M40
GML50	M50	GSSL50	M50
GML63	M63	GSSL63	M63
GML75	M75	GSSL75	M75



Earth Tags

Nickel Plated Brass Part No.	Stainless Steel 316 Part No.	Stud Size	Hole Size
EET16	EET16SS	7	M16
EET20	EET20SS	7	M20
EET25	EET25SS	7	M26
EET32	EET32SS	7	M32
EET40	EET40SS	7	M40
EET50	EET50SS	7	M51
EET63	EET63SS	7	M64



Gland Shrouds

Standard		To suit Hazardous Glands	
Part No.	CW Gland Size	Part No.	FGE1FW Gland
GSH1S	M20S	FGES20L	M20L
GSH1S	M20	FGES20S	M20S
GSH2	M25	FGES25	M25
GSH3	M32	FGES32	M32
GSH4	M40	FGES40	M40
GSH5S	M50S	FGES50	M50L
GSH5	M50L	FGES50S	M50S
GSH6S	M63S	FGES63L	M63L
GSH6S	M63L	FGES63S	M63S
GSH7	M75S	FGES75L	M75L
GSH7	M75L	FGES75S	M75S
		FGES90	M90





CABLE
GLANDS

Hazardous Area

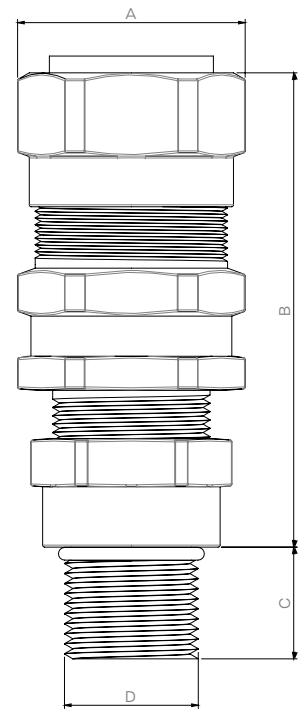


E1FW Flameproof Armoured Cable Glands

i SPECIFICATIONS

For use in Zone 1 and Zone 2 areas. Manufactured from nickel plated brass for industrial applications. Provides a flameproof (Type D) seal on the cable inner bedding. Allows mechanical cable retention and earth continuity via the cable armour termination. Reversible armour cone and clamping ring arrangement facilitates remote make off and enables the cable to be disconnected from the equipment. Stepped cone is suitable for SWA cables. Grooved cone is suitable for all other approved armoured cables.

TECHNICAL DETAILS	Thread Options:	Metric
	Gland Material:	Brass
	IP Rating:	IP66/IP68 for 2 hours at 1.5m
	Sealing Ring:	Double Compression Sealing (Sealing on both outer and inner sheath)
	Operating Temp.:	Standard Seals (Nitrile): -20°C to 80°C on request (Silicone): -60°C to 180°C
	Finish:	Nickel Plated Brass. Options also available in stainless steel
	Accessories:	PVC S/LSF Shroud, Lock Nut, Earth Tag, Serrated Washer, Adaptor/Reducer.
	IECEX Certificate No:	IECEX PRE 20.0124X
	ATEX Certificate No:	Presafe 20 ATEX 48906X
	EAC Certificate No:	RU C-IN.AA71.B.00212/20
	Protection Type:	Ex d, Ex e, Ex t



STANDARDS



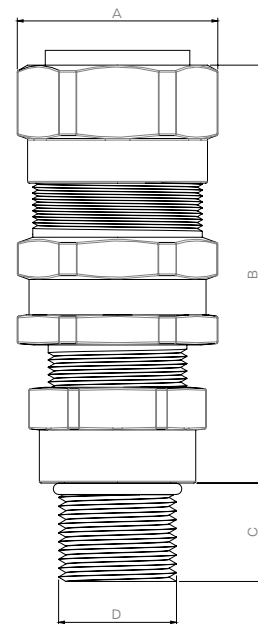
Armour Range									
Part No.	Cable Diameter min-max mm	Grooved Cone		Stepped Cone		Gland Dimensions			
		Max	Min	Min	Max	Thread Size D	Thread Length C	Dia Across Corners mm A	Dia Across Flats mm A
FGE1FW20SS	6.2-13.1	0.3	1	0.8	1.25	20	17	25	27.5
FGE1FW20S	9.6-15.5	0.3	1	0.8	1.25	20	17	25	27.5
FGE1FW20L	12.5-20.9	0.4	1	0.8	1.25	20	17	31	34
FGE1FW25	18.3-25.6	0.4	1.2	1.25	1.6	25	17	38	42
FGE1FW32	23.7-33.4	0.4	1.2	1.6	2	32	17	46	51
FGE1FW40	28-39.5	0.4	1.6	1.6	2	40	17	55	60
FGE1FW50S	35.2-46	0.4	1.6	2	2.5	50	17	61	66.5
FGE1FW50L	40.5-52.4	0.6	1.6	2	2.5	50	17	70	76
FGE1FW63S	45.6-58.5	0.6	1.6	2	2.5	63	17	75	83
FGE1FW63L	54.6-64.5	0.6	1.6	2	2.5	63	17	80	89
FGE1FW75S	59-70.4	0.6	1.6	2	2.5	75	17	91	98.5
FGE1FW75L	66.7-76.3	0.6	1.6	2.5	3	75	17	99.5	109
FGE1FW90	76.2-87.2	0.8	1.6	3.15	4	90	24	114.5	124

Flameproof Armoured Cable Glands Stainless Steel

i SPECIFICATIONS

For use in Zone 1 and Zone 2 areas. Manufactured from nickel plated brass for industrial applications. Provides a flameproof (Type D) seal on the cable inner bedding. Allows mechanical cable retention and earth continuity via the cable armour termination. Reversible armour cone and clamping ring arrangement facilitates remote make off and enables the cable to be disconnected from the equipment. Stepped cone is suitable for SWA cables. Grooved cone is suitable for all other approved armoured cables.

TECHNICAL DETAILS	Thread Options:	Metric
	Gland Material:	Stainless Steel 316
	IP Rating:	IP66/IP68 for 2 hours at 1.5m
	Sealing Ring:	Double Compression Sealing (Sealing on both outer and inner sheath)
	Operating Temp.:	Standard Seals (Nitrile): -20°C to 80°C on request (Silicone): -60°C to 180°C
	Accessories:	PVC S/LSF Shroud, Lock Nut, Earth Tag, Serrated Washer, Adapter/Reducer.
	IECEX Certificate No:	IECEX PRE 20.0124X
	ATEX Certificate No:	Presafe 20 ATEX 48906X
	EAC Certificate No:	RU C-IN.AA71.B.00212/20
	Protection Type:	Ex d, Ex e, Ex t



Armour Range									
Part No.	Cable Diameter min-max mm	Grooved Cone		Stepped Cone		Gland Dimensions			
		Max	Min	Min	Max	Thread Size D	Thread Length C	Dia Across Corners mm A	Dia Across Flats mm A
FGCWSS20SS	6.2-3.1	0.3	1	0.8	1.25	20	17	25	27.5
FGCWSS20S	9.6-15.5	0.3	1	0.8	1.25	20	17	25	27.5
FGCWSS20L	12.5-20.9	0.4	1	0.8	1.25	20	17	31	34
FGCWSS25	18.3-25.6	0.4	1.2	1.25	1.6	25	17	38	42
FGCWSS32	23.7-33.4	0.4	1.2	1.6	2	32	17	46	51
FGCWSS40	28-39.5	0.4	1.6	1.6	2	40	17	55	60
FGCWSS50S	35.2-46	0.4	1.6	2	2.5	50	17	61	66.5
FGCWSS50L	40.5-52.4	0.6	1.6	2	2.5	50	17	70	76
FGCWSS63S	45.6-58.5	0.6	1.6	2	2.5	63	17	75	83
FGCWSS63L	54.6-64.5	0.6	1.6	2	2.5	63	17	80	89
FGCWSS75S	59-70.4	0.6	1.6	2	2.5	75	17	91	98.5
FGCWSS75L	66.7-76.3	0.6	1.6	2.5	3	75	17	99.5	109
FGCWSS90	76.2-87.2	0.8	1.6	3.15	4	90	24	114.5	124

FGO Flameproof Non-Armoured Cable Glands

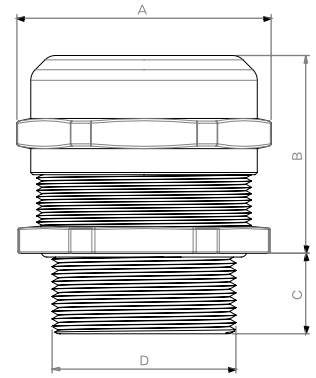
High end flameproof cable gland for the most arduous situations. Suitable for non-armoured cables in hazardous areas with type of protection Ex e, Ex d or type of protection Ex t.

Key Features:

- For applications in explosive environments
- For Group II & III (Gas & Dust) - Ex-d and Ex-e
- Can be used with intrinsically safe circuits
- High quality strain relief and sealing, reliable performance for standard hazardous area applications

SPECIFICATIONS

TECHNICAL DETAILS	Material:	Body: Brass Nickel Plated, Stainless Steel 316 Inner Part: Brass Nickel plated Seal: CR (Chloroprene) O-Ring: CR (Chloroprene)		
	Ingress Protection Rating:	IP68 - 5 Bar, 30 min IP66		
	Operating Temp. CR:	Ex d/tb: -40°C to 80°C Ex e/tb: -40°C to 80°C		
	Equipment for:	Gas & Dust potentially explosive atmospheres		
	Suitable for us in:	Group II	Gas Group IIC	ZONE 1/ZONE 2
		Group III	Dust Group IIIC	ZONE 21/ZONE 22
	Equipment Marking:	Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db		



STANDARDS



IMQ 13 ATEX 018X
EN 60079-0:2018
EN 60079-7:2015
EN 60079-31:2014
EN 60079-1:2014



IECEx IMQ 13.0006X
IEC 60079-0:2017 Edition:7
IEC 60079-7:2015 Edition:5
IEC 60079-31:2013 Edition:2
IEC 60079-1:2014 Edition:7



No TC RU C-TR.AA87.B.00941
ГОСТ 31610.0-2014
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E-14044
IEC/EN60079-0
IEC/EN60079-7
IEC/EN60079-31
IEC/EN60079-1

Brass Nickel Plated						
Part No.	Thread Size D	Thread Length mm C	Cable Outside Dia min-max	Length mm B	Dia Across Flats mm A	Dia Across Corners mm A
FGO16	M16	16	3-12	33	22	24.5
FGO20S	M20	16	4-12	29	22	24.5
FGO20	M20	16	10-16	32	28	31.0
FGO25	M25	16	14-20	36	35	35
FGO32	M32	16	14-24	35	35	39.0
FGO40	M40	18	26-34	45.5	50	56
FGO50	M50	18	35-44	45	64	70.0
FGO63	M63	18	46-56	54	80	89
FGO75	M75	20	60-69	57	95	105.0
FGO90	Specs available on request, please contact the ECL team					

Larger sizes and sizes not shown, available on request, please contact the ECL team.

Stainless Steel 316						
Part No.	Thread Size D	Thread Length mm C	Cable Outside Dia min-max	Length mm B	Dia Across Flats mm A	Dia Across Corners mm A
FGO16SS	M16	16	3-12	33	22	24.5
FGO20SSS	M20	16	4-12	29	22	24.5
FGO20SS	M20	16	10-16	32	28	31.0
FGO25SS	M25	16	14-20	36	35	35
FGO32SS	M32	16	14-24	35	35	39.0
FGO40SS	M40	18	26-34	45.5	50	56
FGO50SS	M50	18	35-44	45	64	70.0
FGO63SS	M63	18	46-56	54	80	89
FGO75SS	M75	20	60-69	57	95	105.0
FGO90SS	Specs available on request, please contact the ECL team					

Larger sizes and sizes not shown, available on request, please contact the ECL team.

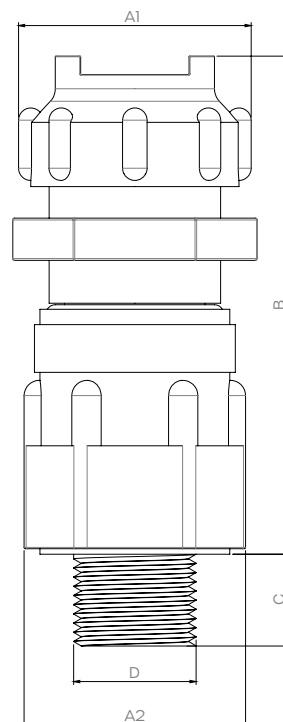
Enviroglands® Ex e - For SWA and Braided Cable

i SPECIFICATIONS

Key Features:

- Ultra tough corrosion resistant encapsulated brass cable gland
- Cable gland is fully certified to SANS EN/ATEX & IECEx Standards
- IP66/68 (2m underwater continuously)
- Resistant to corrosive environments and oil & grease resistant
- Tough engineering plastic will not crack when tightening

TECHNICAL DETAILS	SABS:	Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da IP66/68		
	IECEx:	Ex e II, Ex tD A21 IP68		
	ATEX:	II 2 G D (EEx e II)		
	Suitable for use in	ZONE 1	ZONE 2	ZONE 20
		ZONE 21	ZONE 22	
	Operating Temp.:	-20°C to 95°C		



Part No.	Thread Size D	Cable Dia mm		Cable Bedding Dia mm		Thread Length mm C	Length mm B	Diameter A2		Diameter A1	
		Min	Max	Min	Max			Body A/F	Body A/C	Nut A/F	Nut A/C
GEN31998	M16	10	16	6.5	8.5	16	75.7	27.7	32	29.2	32
GEN31999	M20	10	16	6.5	8.5	16	75.7	27.7	32	29.2	32
GEN32000	M20	12.6	18.6	8.5	12.6	16	75.7	27.7	32	29.2	32
GEN32001	M20	15.4	22	12.6	15.7	16	81	31.5	36.4	32	37
GEN32002	M25	22	27.3	15.7	20.4	16	90.3	40	46.2	41.2	47.5
GEN32003	M32	24.3	33.5	20.4	26.3	16.5	96.5	48.5	56	50	57.5
GEN32004	M40	33.5	43.2	26.3	34.7	21	103	57.3	66.2	59	67.5
GEN32005	M50	43.2	53.5	34.7	43.3	22	124	74.4	86	77.5	87
GEN32006	M63	53.5	67.2	43.3	55.8	27	121	88	101.6	86	98.8
GEN32007	M75	67.2	79	55.8	67.5	27	132	96	110.9	97	108

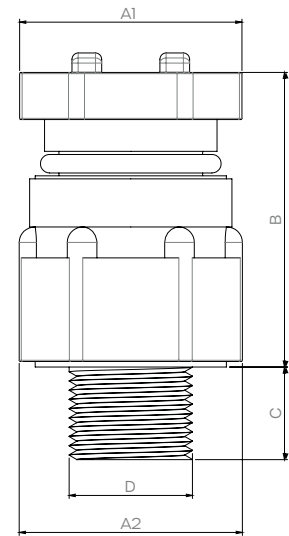
Taper-Tech® Flameproof Ex d Enviro Compression Gland - for Unarmoured Cable

 SPECIFICATIONS

Key Features:

- Ultra tough corrosion resistant encapsulated brass cable gland
- Fully certified to SABs (MS-XPL/18.0668X) & IECEx (ICS 20.0006X) standards
- Unique Taper-Tech® bush design
- IP66/68 (350m underwater continuously)
- Resistant to corrosive environments and oil & grease resistant
- Tough engineering plastic will not crack when tightening

TECHNICAL DETAILS	SABS:	Ex db I/IIC Mb Gb, Ex eb I/IIC Mb Gb		
	IECEx:	Ex nR IIC Gc, Ex ta IIIC Da		
	Suitable for use in:	ZONE 1	ZONE 2	ZONE 20
		ZONE 21	ZONE 22	
	Operating Temp.:	-20°C to 95°C		



STANDARDS



Sira
04ATEX3367



IECEx ICS
20.0006X



Part No.	Thread Size D	Cable Diameter min-max mm	Thread Length mm C	Length mm B	Diameter A2		Diameter A1	
					Body A/F A2	Body A/C	Nut A/F	Nut A/C
GEN32109	M16	3.0-8.5	15	46	27.7	32	29.2	32
GEN32108	M20	3.0-8.5	15	46	27.7	32	29.2	32
GEN32100	M20	8.0-12.6	15	51	27.7	32	29.2	32
GEN32101	M20	11.5-15.7	15	51	31.5	36.4	32	37
GEN32102	M25	15.7-20.4	15	59	40	46.2	41.2	47.5
GEN32103	M32	20.4-26.3	15	66	48.5	56	50	57.5
GEN32104	M40	26.3-34.7	18	66	57.3	66.2	59	67.5
GEN32105	M50	34.7-43.3	19	102	74.4	86	77.5	87
GEN32106	M63	43.3-55.9	19	112	88	101.6	86	98.8
GEN32107	M75	55.9-67.5	25	132	96	110.9	97	108

Flameproof Armoured Barrier Cable Glands

 SPECIFICATIONS

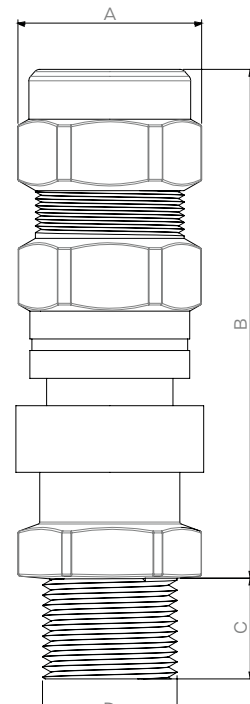
TECHNICAL DETAILS	Cable Type:	Wire Braid Armour, Steel Tape Armour or Screened Flexible Wire Braid		
	Sealing Area:	Inner Compound Barrier & Cable Outer Sheath		
	Indoor and Outdoor use:	Dual certified Ex d & Ex e		
	Operating Temp.:	-60°C to 100°C		
	Materials:	Brass, Brass Nickel Plated, Stainless Steel 316		
	Suitable for use in: (According to BS, IEC & Cenelec)	ZONE 1	ZONE 2	ZONE 21
		ZONE 22	Gas Group IIA	Gas Group IIB
		Gas Group IIC		
	Ingress Protection:	IP66/67		
	Certificate No:	Baseefa11ATEX0004X & IECEx BAS11.0001X		

STANDARDS



ATEX

IECEx

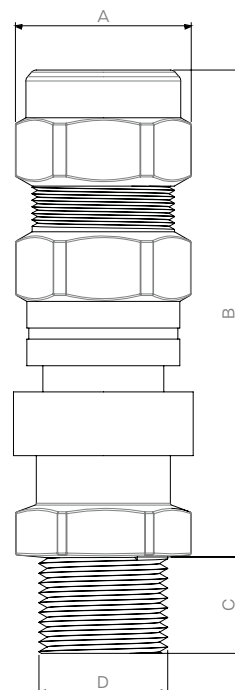


Part No.	Cable Diameter min-max mm	Gland Dimensions							
		Max D	Max ID	Max No. Cores	SWA Min/Max	Thread Size D	Thread Length C	Dia Across Corners mm A	Dia Across Flats mm A
FGBX20SS	7-12	8.9	10	6	0/0.7	20	15	26.8	24
FGBX20S	11-16	8.9	10	6	0/0.7	20	15	26.8	24
FGBX20L	14.3-20	11	12.5	10	0/0.7	20	15	33.5	30
FGBX25	18.5-26	16.5	18.3	21	0/0.7	25	15	40.5	36
FGBX32	24-33	22	24.5	42	0/0.7	32	15	51.2	45.8
FGBX40S	28-35	26.5	29.5	60	0/0.7	40	15	61.5	55
FGBX40L	30-41	26.5	29.5	60	0/0.7	40	15	61.5	55
FGBX50S	36-45	37	41.7	80	0/1.0	50	15	72.8	65
FGBX50L	42-52.6	37	41.7	80	0/1.0	50	15	72.8	65
FGBX63S	46-56	47.8	53.5	100	0/1.0	63	15	89.5	80
FGBX63L	52-65.5	47.8	53.5	100	0/1.0	63	15	89.5	80
FGBX75S	57-67	59	65.3	140	0/1.0	75	15	104.5	95
FGBX75L	64-78.3	59	65.3	140	0/1.0	75	15	104.5	95
FGBX90	75-89.5	71	75	180	0/1.0	90	20	123	115

Flameproof Unarmoured Barrier Cable Glands

i SPECIFICATIONS

TECHNICAL DETAILS	Cable Type :	Unarmoured cable		
	Sealing Area :	Inner Compound Barrier & Cable Outer Sheath		
	Indoor and Outdoor use:	Dual certified Ex d & Ex e		
	Operating Temp.:	-60°C to 100°C		
	Materials:	Brass, Brass Nickel Plated, Stainless Steel 316		
	Suitable for use in: (According to BS, IEC & Cenelec)	ZONE 1	ZONE 2	ZONE 21
		ZONE 22	Gas Group IIA	Gas Group IIB
		Gas Group IIC		
Ingress Protection:	IP66/67			
Certificate No:	IECEX BAS 17.0020X			



STANDARDS



ATEX

IECEx



Part No.	Gland Dimensions							
	Cable Diameter min-max mm	Max D	Max ID	Max No. Cores	Thread Size D	Thread Length C	Dia Across Corners mm A	Dia Across Flats mm A
FGBXU20SS	7-12	8.9	10	6	20	15	26.8	24
FGBXU20S	11-16	8.9	10	6	20	15	26.8	24
FGBXU20L	14.3-20	11	12.5	10	20	15	33.5	30
FGBXU25	18.5-26	16.5	18.3	21	25	15	40.5	36
FGBXU32	24-33	22	24.5	42	32	15	51.2	45.8
FGBXU40S	28-35	26.5	29.5	60	40	15	61.5	55
FGBXU40L	30-41	26.5	29.5	60	40	15	61.5	55
FGBXU50S	36-45	37	41.7	80	50	15	72.8	65
FGBXU50L	42-52.6	37	41.7	80	50	15	72.8	65
FGBXU63S	46-56	47.8	53.5	100	63	15	89.5	80
FGBXU63L	52-65.5	47.8	53.5	100	63	15	89.5	80
FGBXU75S	57-67	59	65.3	140	75	15	104.5	95
FGBXU75L	64-78.3	59	65.3	140	75	15	104.5	95
FGBXU90	75-89.5	71	75	180	90	20	123	115

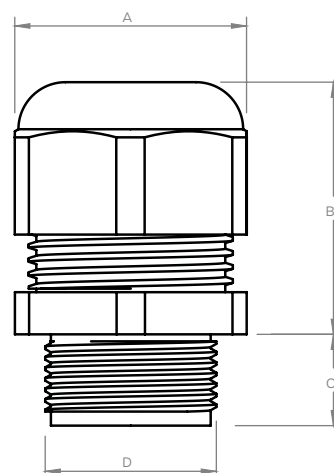
Nylon Ex i Gas & Dust Rated Cable Glands

Polyamide Glands for Ex i Applications

Key Features:

- For applications in explosive environments
- For Group II & III (Gas & Dust)
- Can be used with intrinsically safe circuits
- With blue marking for use with Ex-i circuits
- High quality strain relief and sealing, reliable performance for standard hazardous area applications

TECHNICAL DETAILS	Material:	Body: PA 6 (Polyamide 6) Seal: CR (Chloroprene)		
	Ingress Protection Rating:	IP68 - 5 Bar, 30 min IP66		
	Operating Temp. CR:	-40°C to 70°C		
	Equipment for:	Gas & Dust potentially explosive atmospheres Cable glands should be also used for intrinsically safe circuits Ex i		
	Suitable for us in:	Group II	Gas Group IIC	ZONE1/ZONE2
		Group III	Dust Group IIIC	ZONE21/ZONE 22
	Cable Type:	Non Armoured		
	Equipment Marking:	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db		



STANDARDS



IMQ 13 ATEX 010X
EN 60079-0:2012+A11:2013
EN 60079-1:2014
EN 60079-7:2015
EN 60079-31:2014



IECEx IMQ 13.0003X
IEC 60079-0:2011
IEC 60079-7:2006-07
IEC 60079-31:2013



DNV 21.0183 X
ABNT NBR IEC 60079-0:2013
ABNT NBR IEC 60079-7:2008
ABNT NBR IEC 60079-31:2011



E-14045
IEC/EN60079-0
IEC/EN60079-7
IEC/EN60079-31
IEC/EN62444



UV
ISO 4892-2



Part No.	Thread Size D	Thread Length mm C	Length mm B	Cable Diameter min-max mm	Dia Across Flats mm A	Dia Across Corners mm A
G20SMEXI	M20	10	32.2	5-10	22	27
G25SMEXI	M25	10	37.7	11-17	29	37.7
G32SMEXI	M32	10	42.3	15-21	36	41
G40SMEXI	M40	15	47.4	19-28	46	52.4
G50SMEXI	M50	18	54.8	30-38	60	67.8
G63SMEXI	M63	18	54.9	34-44	65	72.4

Nylon Ex e Gas & Dust Rated Cable Glands

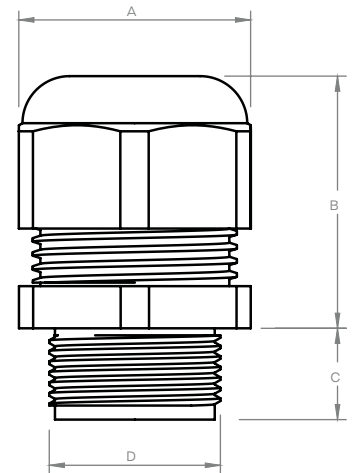
Polyamide Glands for Ex e Applications

SPECIFICATIONS

Key Features:

- For applications in explosive environments
- For Group II & III (Gas & Dust) - Ex e only
- High quality strain relief and sealing, reliable performance for standard hazardous area applications

TECHNICAL DETAILS	Material:	Body, Cap: PA 6 (Polyamide 6) Seal: CR (Chloroprene)		
	Ingress Protection Rating:	IP68 - 5 Bar, 30 min IP66		
	Operating Temperature CR:	-40°C to 70°C		
	Equipment for:	Gas & Dust potentially explosive atmospheres Cable glands should be also used for intrinsically safe circuits Ex i		
	Suitable for us in:	Group II	Gas Group IIC	ZONE1/ZONE2
		Group III	Dust Group IIIC	ZONE21/ZONE 22
	Cable Type:	Non Armoured		



STANDARDS



IMQ 13 ATEX 010X
EN 60079-0:2012+A11:2013
EN 60079-1:2014
EN 60079-7:2015
EN 60079-31:2014



IECEx IMQ 13.0003X
IEC 60079-0:2011
IEC 60079-7:2006-07
IEC 60079-31:2013



DNV 21.0183 X
ABNT NBR IEC 60079-0:2013
ABNT NBR IEC 60079-7:2008
ABNT NBR IEC 60079-31:2011



E-14045
IEC/EN60079-0
IEC/EN60079-7
IEC/EN60079-31
IEC/EN62444



UV
ISO 4892-2



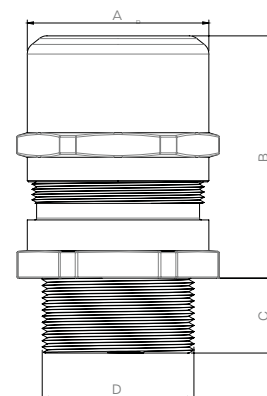
Part No.	Thread Size D	Thread Length mm C	Length mm B	Cable Diameter min-max mm	Dia Across Flats mm A	Dia Across Corners mm A
G20EX	M20	10	32.2	5-10	22	27
G25EX	M25	10	37.7	11-17	29	37.7
G32EX	M32	10	42.3	15-21	36	41
G40EX	M40	15	47.4	19-28	46	52.4
G50EX	M50	18	54.8	30-38	60	67.8
G63EX	M63	18	54.9	34-44	65	72.4

EMC (VSD) Cable Glands IECEx Rated

i SPECIFICATIONS

TECHNICAL DETAILS

Material:	Body, Cap: Brass Nickel Plated or Stainless Steel 316 Inner Part: Brass Nickel Plated or Stainless Steel 316 Seal: CR (Chloroprene) O-ring: CR (Chloroprene) Spring: Special copper alloy		
Ingress Protection Rating:	IP68 - 5 Bar, 30 min		
Operating Temperature CR (Chloroprene):	Ex d/tb: -40°C to 80°C Ex e/tb: -60°C to 80°C		
Equipment for:	Gas & Dust potentially explosive atmospheres		
Suitable for us in:	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIIC	ZONE21/ZONE 22
Equipment Marking:	Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db		



STANDARDS



IMQ 13 ATEX 018X
EN 60079-0:2018
EN 60079-7:2015
EN 60079-31:2014
EN 60079-1:2014



IECEx IMQ 13.0006X
IEC 60079-0:2017 Edition:7
IEC 60079-7:2015 Edition:5
IEC 60079-31:2013 Edition:2
IEC 60079-1:2014 Edition:7



20150501-E474828
UL 2225,
CAN/CSA-C22.2 No. 60079-0:11
CAN/CSA-C22.2 No. 60079-7:12
CAN/CSA-C22.2 No. 60079-31:12



E-14044
IEC/EN60079-0
IEC/EN60079-7
IEC/EN60079-31
IEC/EN60079-1
IEC/EN 62444



DNV 21.0183 X
ABNT NBR IEC 60079-0:2013
ABNT NBR IEC 60079-1:2009
ABNT NBR IEC 60079-7:2008
ABNT NBR IEC 60079-31:2011



No TC RU C-TR.AA87.B.00941
ГОСТ 31610.0-2014
ГОСТ IEC 60079-1:2013
ГОСТ IEC 60079-31:2013



Part No.	Thread Size D	Thread Length mm C	Length mm B	Cable Outside Dia min-max mm	Shield Diameter Range mm	Dia Across Corners mm A	Dia Across Flats mm A
G416VEX	M16	16	30.5	4-8	2.5-5	22	20
G420VEX	M20	18	28.5	4-12	2.5-10	24.5	22
G425VEX	M25	12	32	10-18	8-14	31	28
G432VEX	M32	16	35	14-24	12-20	39	35
G440VEX	M40	19	42.5	22-32	18-28	49.5	45
G450VEX	M50	20	48.5	26-35	22-31	61	50
G463VEX	M63	20	45	35-45	31-40	75	64
G475VEX	M75	20	53	46-62	42-58	89	80
G490VEX	M90	Available on request, please contact the ECL team					
G4100VEX	M100	Available on request, please contact the ECL team					
G4110VEX	M110	Available on request, please contact the ECL team					

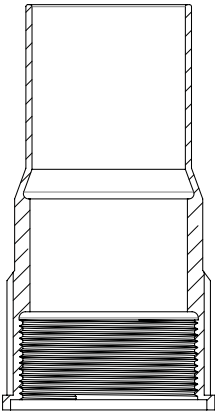
Available in Stainless Steel, please contact the ECL team.

Heatshrink Cable Glands

GHSC series of Heat Shrinkable Cable Glands were developed to provide a cost effective method of providing a weatherproof seal on a variety of cables. The glands are manufactured in accordance with MIL specifications and provide a flame retarded adhesive lined body along with a male threaded entry part to enable fixture to the gland plate.

Features

- Fast shrinkage with the application of heat (120°C)
- Continuous operating temperature suitable for a broad spectrum of practical uses
- Meets or exceeds standard specifications for Cable Entry Seals
- LSZH or Flame retardant with a flammability rating of non-burning
- Excellent dielectric properties suitable as electrical insulation
- Low water absorption qualities for providing a flexible moisture proof barrier
- Good low temperature flexibility with no cracking after prolonged exposure to cold
- Excellent heat resistance with no dripping or flowing, Thermoset Materials
- Very high tensile strength flexible rubber like synthetic compounds



Part No.	Cable O/D Min mm	Cable O/D Max mm	Gland Plate Thickness Max mm	Overall Length (recovered) mm	Entry Hole Size mm
GHSC1	4	12	6	95	26
GHSC2	7	17	6	95	26
GHSC3	13	26	6	100	35
GHSC4	19	38	6	130	51
GHSC4s	19	55	6	170	60
GHSC5	36	70	6	200	88
GHSC6X	40	91	6	340	110

Larger sizes available on request, please contact the ECL team.





Reducers, Adapters & Stop Plugs



Standard Threaded Reducers



Metric to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR2016N	M20-M16	TR2016SS	M20-M16
TR2516N	M25-M16	TR2516SS	M25-M16
TR2520N	M25-M20	TR2520SS	M25-M20
TR3216N	M32-M16	TR3216SS	M32-M16
TR3220N	M32-M20	TR3220SS	M32-M20
TR3225N	M32-M25	TR3225SS	M32-M25
TR4016N	M40-M16	TR4016SS	M40-M16
TR4020N	M40-M20	TR4020SS	M40-M20
TR4025N	M40-M25	TR4025SS	M40-M25
TR4032N	M40-M32	TR4032SS	M40-M32
TR5016N	M50-M16	TR5016SS	M50-M16
TR5020N	M50-M20	TR5020SS	M50-M20
TR5025N	M50-M25	TR5025SS	M50-M25
TR5032N	M50-M32	TR5032SS	M50-M32
TR5040N	M50-M40	TR5040SS	M50-M40
TR6316N	M63-M16	TR6316SS	M63-M16
TR6320N	M63-M20	TR6320SS	M63-M20
TR6325N	M63-M25	TR6325SS	M63-M25
TR6332N	M63-M32	TR6332SS	M63-M32
TR6340N	M63-M40	TR6340SS	M63-M40
TR6350N	M63-M50	TR6350SS	M63-M50
TR7516N	M75-M16	TR7516SS	M75-M16
TR7520N	M75-M20	TR7520SS	M75-M20
TR7525N	M75-M25	TR7525SS	M75-M25
TR7532N	M75-M32	TR7532SS	M75-M32
TR7540N	M75-M40	TR7540SS	M75-M40
TR7550N	M75-M50	TR7550SS	M75-M50
TR7563N	M75-M63	TR7563SS	M75-M63
TR8063N	M80-M63	TR8063SS	M80-M63
TR8075N	M80-M75*	TR8075SS	M80-M75*
TR8075N2	M80-M75**	TR8075SS2	M80-M75**

*80mm has 2.0mm thread pitch, 75mm has 1.5mm thread pitch

**Both 75mm and 80mm have a 2.0mm thread pitch

Metric to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR201/4N	M20-1/4"NPT	TR201/4SS	M20-1/4"NPT
TR251/2N	M25-1/2"NPT	TR251/2SS	M25-1/2"NPT
TR321/2N	M32-1/2"NPT	TR321/2SS	M32-1/2"NPT
TR323/4N	M32-3/4"NPT	TR323/4SS	M32-3/4"NPT
TR401/2N	M40-1/2"NPT	TR401/2SS	M40-1/2"NPT
TR403/4N	M40-3/4"NPT	TR403/4SS	M40-3/4"NPT
TR401N	M40-1"NPT	TR401SS	M40-1"NPT
TR501/2N	M50-1/2"NPT	TR501/2SS	M50-1/2"NPT
TR503/4N	M50-3/4"NPT	TR503/4SS	M50-3/4"NPT
TR501N	M50-1"NPT	TR501SS	M50-1"NPT
TR5011/4N	M50-1 1/4" NPT	TR5011/4SS	M50-1 1/4" NPT
TR631/2N	M63-1/2"NPT	TR631/2SS	M63-1/2"NPT
TR633/4N	M63-3/4"NPT	TR633/4SS	M63-3/4"NPT
TR631N	M63-1"NPT	TR631SS	M63-1"NPT
TR6311/4N	M63-1 1/4"NPT	TR6311/4SS	M63-1 1/4"NPT
TR6311/2N	M63-1 1/2"NPT	TR6311/2SS	M63-1 1/2"NPT
TR751/2N	M75-1/2"NPT	TR751/2SS	M75-1/2"NPT
TR753/4N	M75-3/4"NPT	TR753/4SS	M75-3/4"NPT
TR751N	M75-1"NPT	TR751SS	M75-1"NPT
TR7511/4N	M75-1 1/4"NPT	TR7511/4SS	M75-1 1/4"NPT
TR7511/2N	M75-1 1/2"NPT	TR7511/2SS	M75-1 1/2"NPT
TR752N	M75-2"NPT	TR752SS	M75-2"NPT



PG to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TRPG13.5M16N	PG13.5 - M16	TRPG13.5M16SS	PG13.5 - M16
TRPG16M16N	PG16 - M16	TRPG16M16SS	PG16 - M16
TRPG21M16N	PG21 - M16	TRPG21M16SS	PG21 - M16
TRPG21M20N	PG21 - M20	TRPG21M20SS	PG21 - M20
TRPG21M25N	PG21 - M25	TRPG21M25SS	PG21 - M25
TRPG29M16N	PG29 - M16	TRPG29M16SS	PG29 - M16
TRPG29M20N	PG29 - M20	TRPG29M20SS	PG29 - M20
TRPG29M25N	PG29 - M25	TRPG29M25SS	PG29 - M25
TRPG29M32N	PG29 - M32	TRPG29M32SS	PG29 - M32
TRPG36M16N	PG36 - M16	TRPG36M16SS	PG36 - M16
TRPG36M20N	PG36 - M20	TRPG36M20SS	PG36 - M20
TRPG36M25N	PG36 - M25	TRPG36M25SS	PG36 - M25
TRPG36M32N	PG36 - M32	TRPG36M32SS	PG36 - M32
TRPG36M40N	PG36 - M40	TRPG36M40SS	PG36 - M40
TRPG42M16N	PG42 - M16	TRPG42M16SS	PG42 - M16
TRPG42M20N	PG42 - M20	TRPG42M20SS	PG42 - M20
TRPG42M25N	PG42 - M25	TRPG42M25SS	PG42 - M25
TRPG42M32N	PG42 - M32	TRPG42M32SS	PG42 - M32
TRPG42M40N	PG42 - M40	TRPG42M40SS	PG42 - M40
TRPG42M50N	PG42 - M50	TRPG42M50SS	PG42 - M50
TRPG48M16N	PG48 - M16	TRPG48M16SS	PG48 - M16
TRPG48M20N	PG48 - M20	TRPG48M20SS	PG48 - M20
TRPG48M25N	PG48 - M25	TRPG48M25SS	PG48 - M25
TRPG48M32N	PG48 - M32	TRPG48M32SS	PG48 - M32
TRPG48M40N	PG48 - M40	TRPG48M40SS	PG48 - M40
TRPG48M50N	PG48 - M50	TRPG48M50SS	PG48 - M50

NPT to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR1/2M16N	1/2"NPT-M16	TR1/2M16SS	1/2"NPT-M16
TR3/4M16N	3/4"NPT-M16	TR3/4M16SS	3/4"NPT-M16
TR3/4M20N	3/4"NPT-M20	TR3/4M20SS	3/4"NPT-M20
TR1M16N	1"NPT-M16	TR1M16SS	1"NPT-M16
TR1M20N	1"NPT-M20	TR1M20SS	1"NPT-M20
TR1M25N	1"NPT-M25	TR1M25SS	1"NPT-M25
TR11/4M16N	1 1/4"NPT-M16	TR11/4M16SS	1 1/4"NPT-M16
TR11/4M20N	1 1/4"NPT-M20	TR11/4M20SS	1 1/4"NPT-M20
TR11/4M25N	1 1/4"NPT-M25	TR11/4M25SS	1 1/4"NPT-M25
TR11/4M32N	1 1/4"NPT-M32	TR11/4M32SS	1 1/4"NPT-M32
TR11/2M16N	1 1/2"NPT-M16	TR11/2M16SS	1 1/2"NPT-M16
TR11/2M20N	1 1/2"NPT-M20	TR11/2M20SS	1 1/2"NPT-M20
TR11/2M25N	1 1/2"NPT-M25	TR11/2M25SS	1 1/2"NPT-M25
TR11/2M32N	1 1/2"NPT-M32	TR11/2M32SS	1 1/2"NPT-M32
TR11/2M40N	1 1/2"NPT-M40	TR11/2M40SS	1 1/2"NPT-M40
TR2M16N	2"NPT-M16	TR2M16SS	2"NPT-M16
TR2M20N	2"NPT-M20	TR2M20SS	2"NPT-M20
TR2M25N	2"NPT-M25	TR2M25SS	2"NPT-M25
TR2M32N	2"NPT-M32	TR2M32SS	2"NPT-M32
TR2M40N	2"NPT-M40	TR2M40SS	2"NPT-M40
TR2M50N	2"NPT-M50	TR2M50SS	2"NPT-M50
TR21/2M16N	2 1/2"NPT-M16	TR21/2M16SS	2 1/2"NPT-M16
TR21/2M20N	2 1/2"NPT-M20	TR21/2M20SS	2 1/2"NPT-M20

NPT to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR21/2M25N	2 1/2"NPT-M25	TR21/2M25SS	2 1/2"NPT-M25
TR21/2M32N	2 1/2"NPT-M32	TR21/2M32SS	2 1/2"NPT-M32
TR21/2M40N	2 1/2"NPT-M40	TR21/2M40SS	2 1/2"NPT-M40
TR21/2M50N	2 1/2"NPT-M50	TR21/2M50SS	2 1/2"NPT-M50
TR21/2M63N	2 1/2"NPT-M63	TR21/2M63SS	2 1/2"NPT-M63
TR3M16N	3"NPT-M16	TR3M16SS	3"NPT-M16
TR3M20N	3"NPT-M20	TR3M20SS	3"NPT-M20
TR3M25N	3"NPT-M25	TR3M25SS	3"NPT-M25
TR3M32N	3"NPT-M32	TR3M32SS	3"NPT-M32
TR3M40N	3"NPT-M40	TR3M40SS	3"NPT-M40
TR3M50N	3"NPT-M50	TR3M50SS	3"NPT-M50
TR3M63N	3"NPT-M63	TR3M63SS	3"NPT-M63
TR3M75N	3"NPT-M75	TR3M75SS	3"NPT-M75

NPT to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR3/41/2N	3/4"NPT-1/2"NPT	TR3/41/2SS	3/4"NPT-1/2"NPT
TR11/2N	1"NPT-1/2"NPT	TR11/2SS	1"NPT-1/2"NPT
TR13/4N	1"NPT-3/4"NPT	TR13/4SS	1"NPT-3/4"NPT
TR11/41/2N	1 1/4"NPT-1/2"NPT	TR11/41/2SS	1 1/4"NPT-1/2"NPT
TR11/43/4N	1 1/4"NPT-3/4"NPT	TR11/43/4SS	1 1/4"NPT-3/4"NPT
TR11/41N	1 1/4"NPT-1"NPT	TR11/41SS	1 1/4"NPT-1"NPT
TR11/21/2N	1 1/2"NPT-1/2"NPT	TR11/21/2SS	1 1/2"NPT-1/2"NPT
TR11/23/4N	1 1/2"NPT-3/4"NPT	TR11/23/4SS	1 1/2"NPT-3/4"NPT
TR11/21N	1 1/2"NPT-1"NPT	TR11/21SS	1 1/2"NPT-1"NPT
TR11/211/4N	1 1/2"NPT-1 1/4"NPT	TR11/211/4SS	1 1/2"NPT-1 1/4"NPT
TR21/2N	2"NPT-1/2"NPT	TR21/2SS	2"NPT-1/2"NPT
TR23/4N	2"NPT-3/4"NPT	TR23/4SS	2"NPT-3/4"NPT
TR21N	2"NPT-1"NPT	TR21SS	2"NPT-1"NPT
TR211/4N	2"NPT-1 1/4"NPT	TR211/4SS	2"NPT-1 1/4"NPT
TR211/2N	2"NPT-1 1/2"NPT	TR211/2SS	2"NPT-1 1/2"NPT
TR21/21/2N	2 1/2"NPT-1/2"NPT	TR21/21/2SS	2 1/2"NPT-1/2"NPT
TR21/23/4N	2 1/2"NPT-3/4"NPT	TR21/23/4SS	2 1/2"NPT-3/4"NPT
TR21/21N	2 1/2"NPT-1"NPT	TR21/21SS	2 1/2"NPT-1"NPT
TR21/211/4N	2 1/2"NPT-1 1/4"NPT	TR21/211/4SS	2 1/2"NPT-1 1/4"NPT
TR21/211/2N	2 1/2"NPT-1 1/2"NPT	TR21/211/2SS	2 1/2"NPT-1 1/2"NPT
TR21/22N	2 1/2"NPT-2"NPT	TR21/22SS	2 1/2"NPT-2"NPT
TR31/2N	3"NPT-1/2"NPT	TR31/2SS	3"NPT-1/2"NPT
TR33/4N	3"NPT-3/4"NPT	TR33/4SS	3"NPT-3/4"NPT
TR31N	3"NPT-1"NPT	TR31SS	3"NPT-1"NPT
TR311/4N	3"NPT-1 1/4"NPT	TR311/4SS	3"NPT-1 1/4"NPT
TR311/2N	3"NPT-1 1/2"NPT	TR311/2SS	3"NPT-1 1/2"NPT
TR313/4N	3"NPT-1 3/4"NPT	TR313/4SS	3"NPT-1 3/4"NPT
TR32N	3"NPT-2"NPT	TR32SS	3"NPT-2"NPT
TR321/2N	3"NPT-2 1/2"NPT	TR321/2SS	3"NPT-2 1/2"NPT

BSP Threaded Reducers

*Available on request, please contact the ECL team

Standard Threaded Adapters

Metric to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA1620N	M16-M20	TA1620SS	M16-M20
TA2025N	M20-M25	TA2025SS	M20-M25
TA2032N	M20-M32	TA2032SS	M20-M32
TA2532N	M25-M32	TA2532SS	M25-M32
TA2540N	M25-M40	TA2540SS	M25-M40
TA3240N	M32-M40	TA3240SS	M32-M40
TA3250N	M32-M50	TA3250SS	M32-M50
TA4050N	M40-M50	TA4050SS	M40-M50
TA5063N	M50-M63	TA5063SS	M50-M63
TA6375N	M63-M75	TA6375SS	M63-M75

Metric to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA161/2N	M16-1/2"NPT	TA161/2SS	M16-1/2"NPT
TA201/2N	M20-1/2"NPT	TA201/2SS	M20-1/2"NPT
TA203/4N	M20-3/4"NPT	TA203/4SS	M20-3/4"NPT
TA253/4N	M25-3/4"NPT	TA253/4SS	M25-3/4"NPT
TA251N	M25-1"NPT	TA251SS	M25-1"NPT
TA321N	M32-1"NPT	TA321SS	M32-1"NPT
TA3211/4N	M32-1 1/4"NPT	TA3211/4SS	M32-1 1/4"NPT
TA4011/4N	M40-1 1/4"NPT	TA4011/4SS	M40-1 1/4"NPT
TA4011/2N	M40-1 1/2"NPT	TA4011/2SS	M40-1 1/2"NPT
TA5011/2N	M50-1 1/2"NPT	TA5011/2SS	M50-1 1/2"NPT
TA502N	M50-2"NPT	TA502SS	M50-2"NPT
TA632N	M63-2"NPT	TA632SS	M63-2"NPT
TA6321/2N	M63-2 1/2"NPT	TA6321/2SS	M63-2 1/2"NPT
TA7521/2N	M75-2 1/2"NPT	TA7521/2SS	M75-2 1/2"NPT
TA753N	M75-3"NPT	TA753SS	M75-3"NPT

NPT to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA1/2M20N	1/2"NPT-M20	TA1/2M20SS	1/2"NPT-M20
TA1/2M25N	1/2"NPT-M25	TA1/2M25SS	1/2"NPT-M25
TA3/4M25N	3/4"NPT-M25	TA3/4M25SS	3/4"NPT-M25
TA3/4M32N	3/4"NPT-M32	TA3/4M32SS	3/4"NPT-M32
TA1M32N	1"NPT-M32	TA1M32SS	1"NPT-M32
TA1M40N	1"NPT-M40	TA1M40SS	1"NPT-M40
TA11/4M40N	1 1/4"NPT-M40	TA11/4M40SS	1 1/4"NPT-M40
TA11/4M50N	1 1/4"NPT-M50	TA11/4M50SS	1 1/4"NPT-M50
TA11/2M50N	1 1/2"NPT-M50	TA11/2M50SS	1 1/2"NPT-M50
TA11/2M63N	1 1/2"NPT-M63	TA11/2M63SS	1 1/2"NPT-M63
TA2M63N	2"NPT-M63	TA2M63SS	2"NPT-M63
TA2M75N	2"NPT-M75	TA2M75SS	2"NPT-M75
TA21/2M75N	2 1/2"NPT-M75	TA21/2M75SS	2 1/2"NPT-M75



NPT to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA1/23/4N	1/2"NPT-3/4"NPT	TA1/23/4SS	1/2"NPT-3/4"NPT
TA3/41N	3/4"NPT-1"NPT	TA3/41SS	3/4"NPT-1"NPT
TA11/4N	1"NPT-1 1/4"NPT	TA11/4SS	1"NPT-1 1/4"NPT
TA11/411/2N	1 1/4"NPT-1 1/2"NPT	TA11/411/2SS	1 1/4"NPT-1 1/2"NPT
TA11/22N	1 1/2"NPT-2"NPT	TA11/22SS	1 1/2"NPT-2"NPT
TA221/2N	2"NPT-2 1/2"NPT	TA221/2SS	2"NPT-2 1/2"NPT
TA21/23N	2 1/2"NPT-3"NPT	TA21/23SS	2 1/2"NPT-3"NPT

PG to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TAPG11M16N	PG11-M16	TAPG11M16SS	PG11-M16
TAPG11M20N	PG11-M20	TAPG11M20SS	PG11-M20
TAPG11M25N	PG11-M25	TAPG11M25SS	PG11-M25
TAPG13.5M20N	PG13.5-M20	TAPG13.5M20SS	PG13.5-M20
TAPG13.5M25N	PG13.5-M25	TAPG13.5M25SS	PG13.5-M25
TAPG16M20N	PG16-M20	TAPG16M20SS	PG16-M20
TAPG16M25N	PG16-M25	TAPG16M25SS	PG16-M25
TAPG21M32N	PG21-M32	TAPG21M32SS	PG21-M32
TAPG29M40N	PG29-M40	TAPG29M40SS	PG29-M40
TAPG36M50N	PG36-M50	TAPG36M50SS	PG36-M50
TAPG42M50N	PG42-M50	TAPG42M50SS	PG42-M50
TAPG42M63N	PG42-M63	TAPG42M63SS	PG42-M63
TAPG48M63N	PG48-M63	TAPG48M63SS	PG48-M63
TAPG48M75N	PG48-M75	TAPG48M75SS	PG48-M75

BSP Threaded Adaptors

*Available on request, please contact the ECL team

Standard Threaded Stop Plugs

Metric Threaded Stop Plugs		
Thread Size	Brass	Stainless Steel 316
M12	TSP12	TSP12SS
M16	TSP16	TSP16SS
M20	TSP20	TSP20SS
M25	TSP25	TSP25SS
M32	TSP32	TSP32SS
M40	TSP40	TSP40SS
M50	TSP50	TSP50SS
M63	TSP63	TSP63SS



NPT Threaded Stop Plugs		
Thread Size	Brass	Stainless Steel 316
1/2"NPT	TSP1/2NPT	TSP1/2NPTSS
3/4"NPT	TSP/34NPT	TSP/34NPTSS
1"NPT	TSP1NPT	TSP1NPTSS
1 1/4"NPT	TSP11/4NPT	TSP11/4NPTSS
1 1/2"NPT	TSP11/2NPT	TSP11/2NPTSS
2"NPT	TSP2NPT	TSP2NPTSS

PG Threaded Stop Plugs		
Thread Size	Brass	Stainless Steel 316
PG11	TSPG11	TSP11PGSS
PG13.5	TSPG13.5	TSP13.5PGSS
PG16	TSPG16	TSP16PGSS
PG21	TSPG21	TSP21PGSS
PG29	TSPG29	TSP29PGSS
PG36	TSPG36	TSP36PGSS
PG42	TSPG42	TSP42PGSS

BSP Threaded Stop Plugs

*Available on request, please contact the ECL team



IECEx Threaded Reducers

STANDARDS



Metric to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR2016NEX	M20-M16	TR2016EXSS	M20-M16
TR2516NEX	M25-M16	TR2516EXSS	M25-M16
TR2520NEX	M25-M20	TR2520EXSS	M25-M20
TR3216NEX	M32-M16	TR3216EXSS	M32-M16
TR3220NEX	M32-M20	TR3220EXSS	M32-M20
TR3225NEX	M32-M25	TR3225EXSS	M32-M25
TR4016NEX	M40-M16	TR4016EXSS	M40-M16
TR4020NEX	M40-M20	TR4020EXSS	M40-M20
TR4025NEX	M40-M25	TR4025EXSS	M40-M25
TR4032NEX	M40-M32	TR4032EXSS	M40-M32
TR5016NEX	M50-M16	TR5016EXSS	M50-M16
TR5020NEX	M50-M20	TR5020EXSS	M50-M20
TR5025NEX	M50-M25	TR5025EXSS	M50-M25
TR5032NEX	M50-M32	TR5032EXSS	M50-M32
TR5040NEX	M50-M40	TR5040EXSS	M50-M40
TR6316NEX	M63-M16	TR6316EXSS	M63-M16
TR6320NEX	M63-M20	TR6320EXSS	M63-M20
TR6325NEX	M63-M25	TR6325EXSS	M63-M25
TR6332NEX	M63-M32	TR6332EXSS	M63-M32
TR6340NEX	M63-M40	TR6340EXSS	M63-M40
TR6350NEX	M63-M50	TR6350EXSS	M63-M50
TR7516NEX	M75-M16	TR7516EXSS	M75-M16
TR7520NEX	M75-M20	TR7520EXSS	M75-M20
TR7525NEX	M75-M25	TR7525EXSS	M75-M25
TR7532NEX	M75-M32	TR7532EXSS	M75-M32
TR7540NEX	M75-M40	TR7540EXSS	M75-M40
TR7550NEX	M75-M50	TR7550EXSS	M75-M50
TR7563NEX	M75-M63	TR7563EXSS	M75-M63
TR8063NEX	M80-M63	TR8063EXSS	M80-M63
TR8075NEX	M80-M75	TR8075EXSS	M80-M75

*Other sizes available on request, please contact the ECL team



Metric to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR251/2NEX	M25-1/2"NPT	TR251/2EXSS	M25-1/2"NPT
TR321/2NEX	M32-1/2"NPT	TR321/2EXSS	M32-1/2"NPT
TR323/4NEX	M32-3/4"NPT	TR323/4EXSS	M32-3/4"NPT
TR401/2NEX	M40-1/2"NPT	TR401/2EXSS	M40-1/2"NPT
TR403/4NEX	M40-3/4"NPT	TR403/4EXSS	M40-3/4"NPT
TR401NEX	M40-1"NPT	TR401EXSS	M40-1"NPT
TR501/2NEX	M50-1/2"NPT	TR501/2EXSS	M50-1/2"NPT
TR503/4NEX	M50-3/4"NPT	TR503/4EXSS	M50-3/4"NPT
TR501NEX	M50-1"NPT	TR501EXSS	M50-1"NPT
TR5011/4NEX	M50-1 1/4"NPT	TR5011/4EXSS	M50-1 1/4"NPT
TR631/2NEX	M63-1/2"NPT	TR631/2EXSS	M63-1/2"NPT
TR633/4NEX	M63-3/4"NPT	TR633/4EXSS	M63-3/4"NPT
TR631NEX	M63-1"NPT	TR631EXSS	M63-1"NPT
TR6311/4NEX	M63-1 1/4"NPT	TR6311/4EXSS	M63-1 1/4"NPT
TR6311/2NEX	M63-1 1/2"NPT	TR6311/2EXSS	M63-1 1/2"NPT
TR751/2NEX	M75-1/2"NPT	TR751/2EXSS	M75-1/2"NPT
TR753/4NEX	M75-3/4"NPT	TR753/4EXSS	M75-3/4"NPT
TR751NEX	M75-1"NPT	TR751EXSS	M75-1"NPT
TR7511/4NEX	M75-1 1/4"NPT	TR7511/4EXSS	M75-1 1/4"NPT
TR7511/2NEX	M75-1 1/2"NPT	TR7511/2EXSS	M75-1 1/2"NPT
TR752NEX	M75-2"NPT	TR752EXSS	M75-2"NPT

*Other sizes available on request, please contact the ECL team

NPT to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR1/2M16NEX	1/2"NPT-M16	TR1/2M16EXSS	1/2"NPT-M16
TR3/4M16NEX	3/4"NPT-M16	TR3/4M16EXSS	3/4"NPT-M16
TR3/4M20NEX	3/4"NPT-M20	TR3/4M20EXSS	3/4"NPT-M20
TR1M16NEX	1"NPT-M16	TR1M16EXSS	1"NPT-M16
TR1M20NEX	1"NPT-M20	TR1M20EXSS	1"NPT-M20
TR1M25NEX	1"NPT-M25	TR1M25EXSS	1"NPT-M25
TR11/4M16NEX	1 1/4"NPT-M16	TR11/4M16EXSS	1 1/4"NPT-M16
TR11/4M20NX	1 1/4"NPT-M20	TR11/4M20EXSS	1 1/4"NPT-M20
TR11/4M25NEX	1 1/4"NPT-M25	TR11/4M25EXSS	1 1/4"NPT-M25
TR11/4M32NEX	1 1/4"NPT-M32	TR11/4M32EXSS	1 1/4"NPT-M32
TR11/2M16NEX	1 1/2"NPT-M16	TR11/2M16EXSS	1 1/2"NPT-M16
TR11/2M20NEX	1 1/2"NPT-M20	TR11/2M20EXSS	1 1/2"NPT-M20
TR11/2M25NEX	1 1/2"NPT-M25	TR11/2M25EXSS	1 1/2"NPT-M25
TR11/2M32NEX	1 1/2"NPT-M32	TR11/2M32EXSS	1 1/2"NPT-M32
TR11/2M40NEX	1 1/2"NPT-M40	TR11/2M40EXSS	1 1/2"NPT-M40
TR2M16NEX	2"NPT-M16	TR2M16EXSS	2"NPT-M16
TR2M20NEX	2"NPT-M20	TR2M20EXSS	2"NPT-M20
TR2M25NEX	2"NPT-M25	TR2M25EXSS	2"NPT-M25
TR2M32NEX	2"NPT-M32	TR2M32EXSS	2"NPT-M32
TR2M40NEX	2"NPT-M40	TR2M40EXSS	2"NPT-M40
TR2M50NEX	2"NPT-M50	TR2M50EXSS	2"NPT-M50
TR21/2M16NEX	2 1/2"NPT-M16	TR21/2M16EXSS	2 1/2"NPT-M16
TR21/2M20NEX	2 1/2"NPT-M20	TR21/2M20EXSS	2 1/2"NPT-M20
TR21/2M25NEX	2 1/2"NPT-M25	TR21/2M25EXSS	2 1/2"NPT-M25
TR21/2M32NEX	2 1/2"NPT-M32	TR21/2M32EXSS	2 1/2"NPT-M32
TR21/2M40NEX	2 1/2"NPT-M40	TR21/2M40EXSS	2 1/2"NPT-M40
TR21/2M50NEX	2 1/2"NPT-M50	TR21/2M50EXSS	2 1/2"NPT-M50
TR21/2M63NEX	2 1/2"NPT-M63	TR21/2M63EXSS	2 1/2"NPT-M63
TR3M16NEX	3"NPT-M16	TR3M16EXSS	3"NPT-M16
TR3M20NEX	3"NPT-M20	TR3M20EXSS	3"NPT-M20
TR3M25NEX	3"NPT-M25	TR3M25EXSS	3"NPT-M25
TR3M32NEX	3"NPT-M32	TR3M32EXSS	3"NPT-M32
TR3M40NEX	3"NPT-M40	TR3M40EXSS	3"NPT-M40
TR3M50NEX	3"NPT-M50	TR3M50EXSS	3"NPT-M50
TR3M63NEX	3"NPT-M63	TR3M63EXSS	3"NPT-M63
TR3M75NEX	3"NPT-M75	TR3M75EXSS	3"NPT-M75

*Other sizes available on request, please contact the ECL team

BSP Threaded Reducers

*Available on request, please contact the ECL team

NPT to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TR3/41/2NEX	3/4"NPT-1/2"NPT	TR3/41/2EXSS	3/4"NPT-1/2"NPT
TR11/2NEX	1"NPT-1/2"NPT	TR11/2EXSS	1"NPT-1/2"NPT
TR13/4NEX	1"NPT-3/4"NPT	TR13/4EXSS	1"NPT-3/4"NPT
TR11/41/2NEX	1 1/4"NPT-1/2"NPT	TR11/41/2EXSS	1 1/4"NPT-1/2"NPT
TR11/43/4NEX	1 1/4"NPT-3/4"NPT	TR11/43/4EXSS	1 1/4"NPT-3/4"NPT
TR11/41NEX	1 1/4"NPT-1"NPT	TR11/41EXSS	1 1/4"NPT-1"NPT
TR11/21/2NEX	1 1/2"NPT-1/2"NPT	TR11/21/2EXSS	1 1/2"NPT-1/2"NPT
TR11/23/4NEX	1 1/2"NPT-3/4"NPT	TR11/23/4EXSS	1 1/2"NPT-3/4"NPT
TR11/21NEX	1 1/2"NPT-1"NPT	TR11/21EXSS	1 1/2"NPT-1"NPT
TR11/211/4NEX	1 1/2"NPT-1 1/4"NPT	TR11/211/4EXSS	1 1/2"NPT-1 1/4"NPT
TR21/2NEX	2"NPT-1/2"NPT	TR21/2EXSS	2"NPT-1/2"NPT
TR23/4NEX	2"NPT-3/4"NPT	TR23/4EXSS	2"NPT-3/4"NPT
TR21NEX	2"NPT-1"NPT	TR21EXSS	2"NPT-1"NPT
TR211/4NEX	2"NPT-1 1/4"NPT	TR211/4EXSS	2"NPT-1 1/4"NPT
TR211/2NEX	2"NPT-1 1/2"NPT	TR211/2EXSS	2"NPT-1 1/2"NPT
TR21/23/4NEX	2 1/2"NPT-3/4"NPT	TR21/23/4EXSS	2 1/2"NPT-3/4"NPT
TR21/21NEX	2 1/2"NPT-1"NPT	TR21/21EXSS	2 1/2"NPT-1"NPT
TR21/211/4NEX	2 1/2"NPT-1 1/4"NPT	TR21/211/4EXSS	2 1/2"NPT-1 1/4"NPT
TR21/211/2NEX	2 1/2"NPT-1 1/2"NPT	TR21/211/2EXSS	2 1/2"NPT-1 1/2"NPT
TR21/22NEX	2 1/2"NPT-2"NPT	TR21/22EXSS	2 1/2"NPT-2"NPT
TR33/4NEX	3"NPT-3/4"NPT	TR33/4EXSS	3"NPT-3/4"NPT
TR31NEX	3"NPT-1"NPT	TR31EXSS	3"NPT-1"NPT

*Other sizes available on request, please contact the ECL team

PG to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TRPG13.5M16NEX	PG13.5 - M16	TRPG13.5M16EXSS	PG13.5 - M16
TRPG16M16NEX	PG16 - M16	TRPG16M16EXSS	PG16 - M16
TRPG21M16NEX	PG21 - M16	TRPG21M16EXSS	PG21 - M16
TRPG21M20NEX	PG21 - M20	TRPG21M20EXSS	PG21 - M20
TRPG21M25NEX	PG21 - M25	TRPG21M25EXSS	PG21 - M25
TRPG29M16NEX	PG29 - M16	TRPG29M16EXSS	PG29 - M16
TRPG29M20NEX	PG29 - M20	TRPG29M20EXSS	PG29 - M20
TRPG29M25NEX	PG29 - M25	TRPG29M25EXSS	PG29 - M25
TRPG29M32NEX	PG29 - M32	TRPG29M32EXSS	PG29 - M32
TRPG36M16NEX	PG36 - M16	TRPG36M16EXSS	PG36 - M16
TRPG36M20NEX	PG36 - M20	TRPG36M20EXSS	PG36 - M20
TRPG36M25NEX	PG36 - M25	TRPG36M25EXSS	PG36 - M25
TRPG36M32NEX	PG36 - M32	TRPG36M32EXSS	PG36 - M32
TRPG36M40NEX	PG36 - M40	TRPG36M40EXSS	PG36 - M40
TRPG42M16NEX	PG42 - M16	TRPG42M16EXSS	PG42 - M16
TRPG42M20NEX	PG42 - M20	TRPG42M20EXSS	PG42 - M20
TRPG42M25NEX	PG42 - M25	TRPG42M25EXSS	PG42 - M25
TRPG42M32NEX	PG42 - M32	TRPG42M32EXSS	PG42 - M32
TRPG42M40NEX	PG42 - M40	TRPG42M40EXSS	PG42 - M40
TRPG42M50NEX	PG42 - M50	TRPG42M50EXSS	PG42 - M50
TRPG48M16NEX	PG48 - M16	TRPG48M16EXSS	PG48 - M16
TRPG48M20NEX	PG48 - M20	TRPG48M20EXSS	PG48 - M20
TRPG48M25NEX	PG48 - M25	TRPG48M25EXSS	PG48 - M25
TRPG48M32NEX	PG48 - M32	TRPG48M32EXSS	PG48 - M32
TRPG48M40NEX	PG48 - M40	TRPG48M40EXSS	PG48 - M40
TRPG48M50NEX	PG48 - M50	TRPG48M50EXSS	PG48 - M50

IECEx Threaded Adapters

STANDARDS



Metric to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA1620NEX	M16-M20	TA1620EXSS	M16-M20
TA2025NEX	M20-M25	TA2025EXSS	M20-M25
TA2032NEX	M20-M32	TA2032EXSS	M20-M32
TA2532NEX	M25-M32	TA2532EXSS	M25-M32
TA3240NEX	M32-M40	TA3240EXSS	M32-M40
TA4050NEX	M40-M50	TA4050EXSS	M40-M50
TA5063NEX	M50-M63	TA5063EXSS	M50-M63
TA6375NEX	M63-M75	TA6375EXSS	M63-M75

*Other sizes available, please contact the ECL team

NPT to Metric			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA1/2M20NEX	1/2"NPT-M20	TA1/2M20EXSS	1/2"NPT-M20
TA1/2M25NEX	1/2"NPT-M25	TA1/2M25EXSS	1/2"NPT-M25
TA3/4M25NEX	3/4"NPT-M25	TA3/4M25EXSS	3/4"NPT-M25
TA3/4M32NEX	3/4"NPT-M32	TA3/4M32EXSS	3/4"NPT-M32
TA1M32NEX	1"NPT-M32	TA1M32EXSS	1"NPT-M32
TA1M40NEX	1"NPT-M40	TA1M40EXSS	1"NPT-M40
TA11/4M40NEX	1 1/4"NPT-M40	TA11/4M40EXSS	1 1/4"NPT-M40
TA11/4M50NEX	1 1/4"NPT-M50	TA11/4M50EXSS	1 1/4"NPT-M50
TA11/2M40NEX	1 1/2"NPT-M40	TA11/2M40EXSS	1 1/2"NPT-M40
TA11/2M50NEX	1 1/2"NPT-M50	TA11/2M50EXSS	1 1/2"NPT-M50
TA11/2M63NEX	1 1/2"NPT-M63	TA11/2M63EXSS	1 1/2"NPT-M63
TA2M63NEX	2"NPT-M63	TA2M63EXSS	2"NPT-M63
TA2M75NEX	2"NPT-M75	TA2M75EXSS	2"NPT-M75
TA21/2M75NEX	2 1/2"NPT-M75	TA21/2M75EXSS	2 1/2"NPT-M75

NPT to NPT			
Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA1/23/4NEX	1/2"NPT-3/4"NPT	TA1/23/4EXSS	1/2"NPT-3/4"NPT
TA3/41NEX	3/4"NPT-1"NPT	TA3/41EXSS	3/4"NPT-1"NPT
TA11/4NEX	1"NPT-1 1/4"NPT	TA11/4EXSS	1"NPT-1 1/4"NPT
TA11/411/2NEX	1 1/4"NPT-1 1/2"NPT	TA11/411/2EXSS	1 1/4"NPT-1 1/2"NPT
TA11/22NEX	1 1/2"NPT-2"NPT	TA11/22EXSS	1 1/2"NPT-2"NPT
TA221/2NEX	2"NPT-2 1/2"NPT	TA221/2EXSS	2"NPT-2 1/2"NPT
TA21/23NEX	2 1/2"NPT-3"NPT	TA21/23EXSS	2 1/2"NPT-3"NPT

Metric to NPT

Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TA161/2NEX	M16-1/2"NPT	TA161/2EXSS	M16-1/2"NPT
TA201/2NEX	M20-1/2"NPT	TA201/2EXSS	M20-1/2"NPT
TA203/4NEX	M20-3/4"NPT	TA203/4EXSS	M20-3/4"NPT
TA253/4NEX	M25-3/4"NPT	TA253/4EXSS	M25-3/4"NPT
TA251NEX	M25-1"NPT	TA251EXSS	M25-1"NPT
TA321NEX	M32-1"NPT	TA321EXSS	M32-1"NPT
TA3211/4NEX	M32-1 1/4"NPT	TA3211/4EXSS	M32-1 1/4"NPT
TA4011/4NEX	M40-1 1/4"NPT	TA4011/4EXSS	M40-1 1/4"NPT
TA4011/2NEX	M40-1 1/2"NPT	TA4011/2EXSS	M40-1 1/2"NPT
TA5011/2NEX	M50-1 1/2"NPT	TA5011/2EXSS	M50-1 1/2"NPT
TA632NEX	M63-2"NPT	TA632EXSS	M63-2"NPT
TA6321/2NEX	M63-2 1/2"NPT	TA6321/2EXSS	M63-2 1/2"NPT
TA7521/2NEX	M75-2 1/2"NPT	TA7521/2EXSS	M75-2 1/2"NPT
TA753NEX	M75-3"NPT	TA753EXSS	M75-3"NPT

PG to Metric

Nickel Plated Brass		Stainless Steel 316	
Part No.	Thread Size Male - Female	Part No.	Thread Size Male - Female
TAPG11M16NEX	PG11-M16	TAPG11M16EXSS	PG11-M16
TAPG11M20NEX	PG11-M20	TAPG11M20EXSS	PG11-M20
TAPG11M25NEX	PG11-M25	TAPG11M25EXSS	PG11-M25
TAPG13.5M20NEX	PG13.5-M20	TAPG13.5M20EXSS	PG13.5-M20
TAPG13.5M25NEX	PG13.5-M25	TAPG13.5M25EXSS	PG13.5-M25
TAPG16M20NEX	PG16-M20	TAPG16M20EXSS	PG16-M20
TAPG16M25NEX	PG16-M25	TAPG16M25EXSS	PG16-M25
TAPG21M32NEX	PG21-M32	TAPG21M32EXSS	PG21-M32
TAPG29M40NEX	PG29-M40	TAPG29M40EXSS	PG29-M40
TAPG36M50NEX	PG36-M50	TAPG36M50EXSS	PG36-M50
TAPG42M63NEX	PG42-M63	TAPG42M63EXSS	PG42-M63
TAPG48M63NEX	PG48-M63	TAPG48M63EXSS	PG48-M63
TAPG48M75NEX	PG48-M75	TAPG48M75EXSS	PG48-M75

BSP Threaded Adapters

*Available on request, please contact the ECL team



IECEx Metric Threaded Stop Plugs

Thread Size	Brass	Stainless Steel 316	Nylon
M16	TSP16NEX	TSP16EXSS	TSP16NYEX
M20	TSP20NEX	TSP20EXSS	TSP20NYEX
M25	TSP25NEX	TSP25EXSS	TSP25NYEX
M32	TSP32NEX	TSP32EXSS	TSP32NYEX
M40	TSP40NEX	TSP40EXSS	
M50	TSP50NEX	TSP50EXSS	
M63	TSP63NEX	TSP63EXSS	
M75	TSP75NEX	TSP75EXSS	
M80	TSP80NEX	TSP80EXSS	

IECEx NPT Threaded Stop Plugs

Thread Size	Brass	Stainless Steel 316
1/2"NPT	TSP1/2NPTNEX	TSP1/2NPTEXSS
1/2"NPT	TSP1/2NPTNEX	TSP3/4NPTEXSS
3/4"NPT	TSP3/4NPTNEX	TSP3/4NPTEXSS
3/4"NPT	TSP3/4NPTNEX	TSP3/4NPTEXSS
1"NPT	TSP1NPTNEX	TSP1NPTEXSS
1 1/4"NPT	TSP1 1/4NPTNEX	TSP1 1/4NPTEXSS
1 1/2"NPT	TSP1 1/2NPTNEX	TSP1 1/2NPTEXSS
2"NPT	TSP2NPTNEX	TSP2NPTEXSS
2 1/2"NPT	TSP2 1/2NPTNEX	TSP2 1/2NPTEXSS
3"NPT	TSP3NPTNEX	TSP3NPTEXSS

IECEx PG Threaded Stop Plugs

Thread Size	Brass	Stainless Steel 316
PG11	TSPG11NEX	TSPG11EXSS
PG13.5	TSPG13.5NEX	TSPG13.5EXSS
PG16	TSPG16NEX	TSPG16EXSS
PG21	TSPG21NEX	TSPG21EXSS
PG29	TSPG29NEX	TSPG29EXSS
PG36	TSPG36NEX	TSPG36EXSS
PG42	TSPG42NEX	TSPG42EXSS

BSP Threaded Stop Plugs

*Available on request, please contact the ECL team



Thread Dimension Table

ISO Metric - 1.5mm Pitch		
Metric	Major Diameter	TPI
M16	15.97mm	16.93
M20	19.97mm	16.93
M25	24.97mm	16.93
M32	31.97mm	16.93
M40	39.97mm	16.93
M50	49.97mm	16.93
M63	62.97mm	16.93
M75	74.97mm	16.93
M90	89.97mm	12.70
M100	99.97mm	12.70

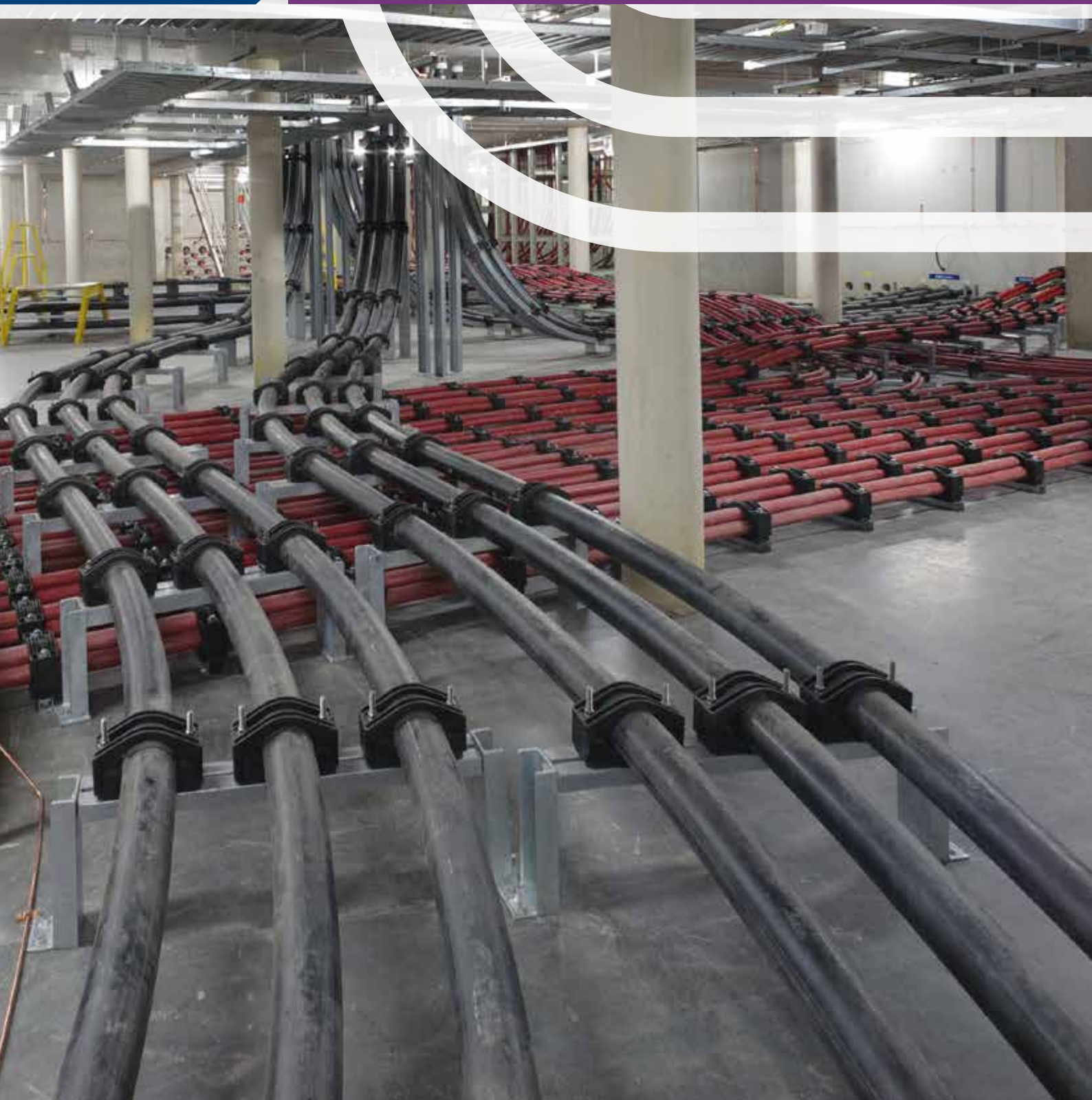
National Pipe Taper		
NPT	Major Diameter	TPI
3/4"	17.05mm	18
1/2"	21.22mm	14
3/4"	26.57mm	14
1"	33.23mm	11.5
1 1/4"	41.99mm	11.5
1 1/2"	48.05mm	11.5
2"	60.09mm	11.5
2 1/2"	72.70mm	8
3"	88.61mm	8
3 1/2"	101.60mm	8
4"	114.30mm	8

PG DIN40430		
PG	Major Diameter	TPI
PG7	12.50mm	20
PG9	15.20mm	18
PG11	18.60mm	18
PG13.5	20.40mm	18
PG16	22.50mm	18
PG21	28.30mm	16
PG29	37.00mm	16
PG36	47.00mm	16
PG42	54.00mm	16
PG48	59.30mm	16

BSP 8S2779		
BSP	Major Diameter	TPI
3/4"	16.66mm	19
1/2"	20.96mm	14
3/4"	26.44mm	14
1"	33.25mm	11
1 1/4"	41.91mm	11
1 1/2"	47.80mm	11
2"	59.61mm	11
2 1/2"	75.18mm	11
3"	87.88mm	11

Thread Form Comparison Chart				
Metric	NPT	PG	BSP	ET
M16	7"	7, 9, 11	7"	3/4"
M20	1/2"	13.5, 16	1/2"	3/4"
M25	3/4"	PG21	3/4"	1"
M32	1"	PG29	1"	1 1/4"
M40	1 1/4"	PG36	1 1/4"	1 1/2"
M50	1 1/2"	PG42	1 1/2"	2"
M63	2"	PG48	2"	2 1/2"
M75	2 1/2"		2 1/2"	3"
M90	3"		3"	
M100	3 1/2"			

Cable Clamps



Dutchclamp Cable Clamps

SE Types

Dutchclamp® SE Cable Clamps are specially designed for short circuit resistant fastening of single or multi-core medium and high voltage cables. SE types are available in 7 models and suitable for cables with a diameter from 15mm to 170mm.

Features:

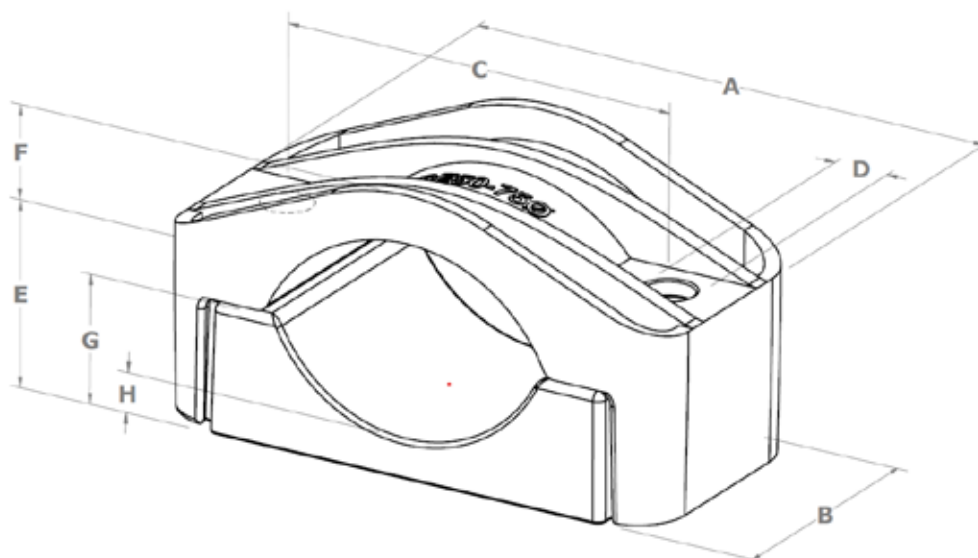
- Resistant to short-circuit currents up to 202Ka
- Resistant to oils, fats, aggressive chemicals, frost, heat, UV, ozone, salt, moisture, and acids
- Self-extinguishing V-0 (UL94), Halogen free
- Temperature range from -40°C to 125°C. (225°C momentarily)
- Coloured black
- No magnetism/conductivity
- Custom mounting available
- Fastening materials can be supplied to size
- No oxidation/corrosion
- No sharp angles
- Recyclable
- Lifetime warranty
- Certified in accordance with NEN-EN-IEC 61914:2009



Clamp Inserts, ordered separately
Part No. DCLI604 - Thickness 5mm

Dimensions mm									
Part No.	Cable Dia mm	A	B	C	D	E	F	G	H
DCLSE1526	15 - 26	77	45	50	10	26 - 42	4	17	8
DCLSE2638	26 - 38	92	60	60	12	33 - 49	7	18	7
DCLSE3652	36 - 52	105	60	75	12	39 - 55	15	23	8
DCLSE5075	50 - 75	126	60	95	12	46 - 71	22	30	9
DCLSE75100	75 - 100	200	80	150	15	70 - 95	32	45	10
DCLSE100135	100 - 135	225	85	175	15	85 - 120	43	58	10
DCLSE135170	135 - 170	260	90	210	15	133 - 169	62	90	25

SPECIFICATIONS



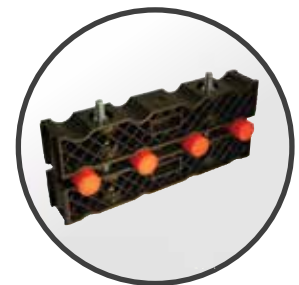
Dutchclamp Cable Clamps

IM Types

Dutchclamp® IM Cable Blocks are specially designed for short circuit resistant and safe fastening of single or multi-core medium and high voltage cables. IM types are available in 2 models and suitable for cables with a diameter from 12mm to 32mm and 32mm to 48mm. They can be coupled to each other laterally by means of a dovetail joint and are stackable.

Features:

- Resistant to short-circuit currents/forces
- Resistant to oils, fats, aggressive chemicals, frost, heat, UV, ozone, salt, moisture, and acids
- Self-extinguishing V-0 (UL94), Halogen free
- Temperature range from -40°C to 125°C (225°C momentarily)
- Coloured black
- No magnetism/conductivity
- Custom mounting available
- Fastening materials can be supplied to size
- No oxidation/corrosion
- No sharp angles
- Recyclable
- Stackable
- Lifetime warranty
- Certified in accordance with NEN-EN-IEC 61914:2009

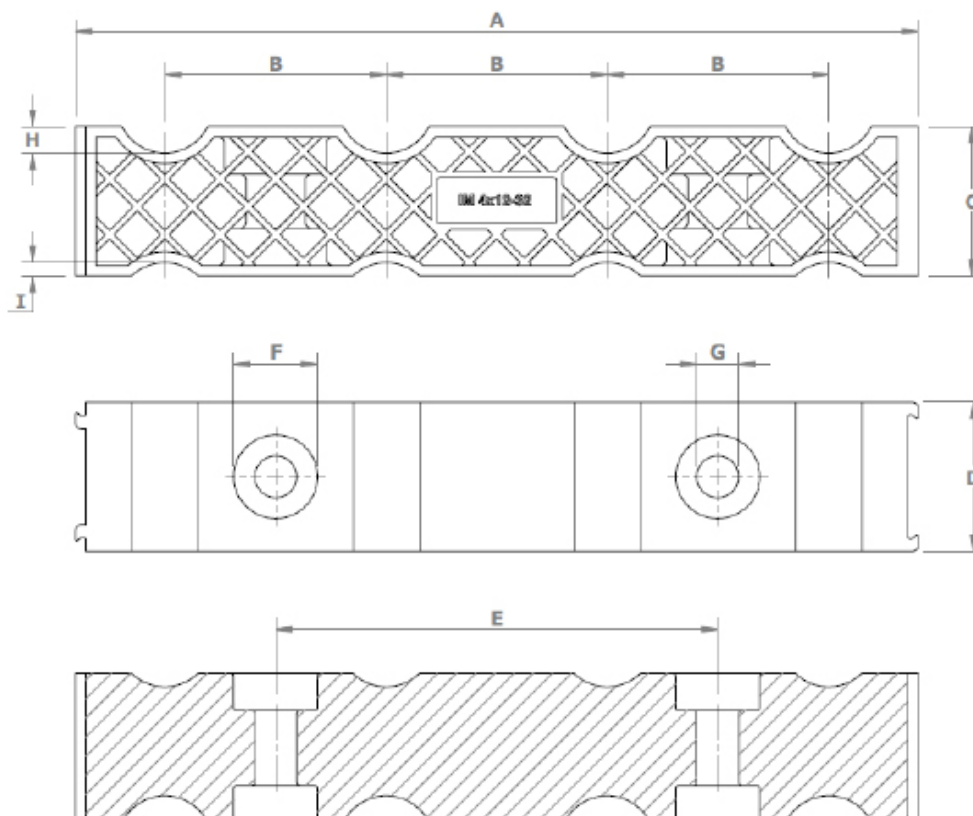


IM Type sold in pairs

Dimensions mm										
Part No.	Cable Dia mm	A	B	C	D	E	F	G	H	I
DCLFX1232	4 x 12 - 32	280	74	50	50	147	28	14	9	4.5
DCLFX3248	4 x 32 - 48	345	85	65	50	170	25	18	18	10

*Other sizes available on request, please contact the ECL team.

i SPECIFICATIONS



Dutchclamp Cable Clamps

Triple Types

Dutchclamp® Triple Cable Clamps are specially designed for short circuit resistant fastening of cables in trefoil applications. Triple types are available in 6 models and suitable for cables with a diameter from 27mm to 150mm.

Features:

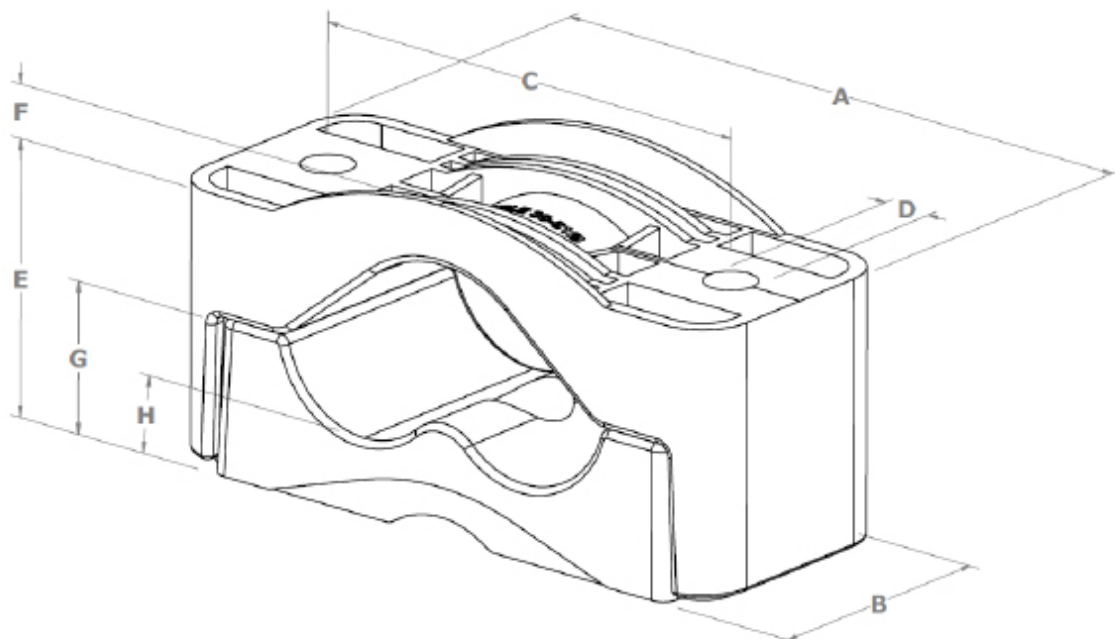
- Resistant to short-circuit currents up to 150Ka
- Resistant to oils, fats, aggressive chemicals, frost, heat, UV, ozone, salt, moisture, and acids
- Self-extinguishing V-0 (UL94), Halogen free
- Temperature range from -40°C to 125°C (225°C momentarily)
- Coloured black
- No magnetism/conductivity
- Custom mounting available
- Fastening materials can be supplied to size
- No oxidation/corrosion
- No sharp angles
- Recyclable
- Stackable
- Lifetime warranty
- Certified in accordance with NEN-EN-IEC 61914:2009



Clamp Inserts, ordered separately
Part No. DCLI604 - Thickness 5mm

Dimensions mm									
Part No.	Cable Dia mm	A	B	C	D	E	F	G	H
DCLTR2738	3 x 27 - 38	180	75	125	15.5	65	12	35	16.5
DCLTR3851	3 x 38 - 51	195	80	145	15.5	84	16	45	20
DCLTR5169	3 x 51 - 69	220	85	170	15.5	109	21	58	26
DCLTR6990	3 x 69 - 90	252	90	215	15.5	135	29	72	30
DCLTR90118	3 x 90 - 118	321	100	270	15.5	180	27	89	33
DCLTR118150	3 x 118 - 150	400	110	340	15.5	211	37	110	75

SPECIFICATIONS



Dutchclamp Cable Clamps

SEG Types

Dutchclamp® SEG Cable Clamps are specially designed for short circuit resistant fastening of single or multi-core medium and high voltage cables. SEG Types are available in 2 models and suitable for cables with a diameter from 26mm to 50mm (SEG 26-50) and 50mm to 80mm (SEG 50-80).

Features:

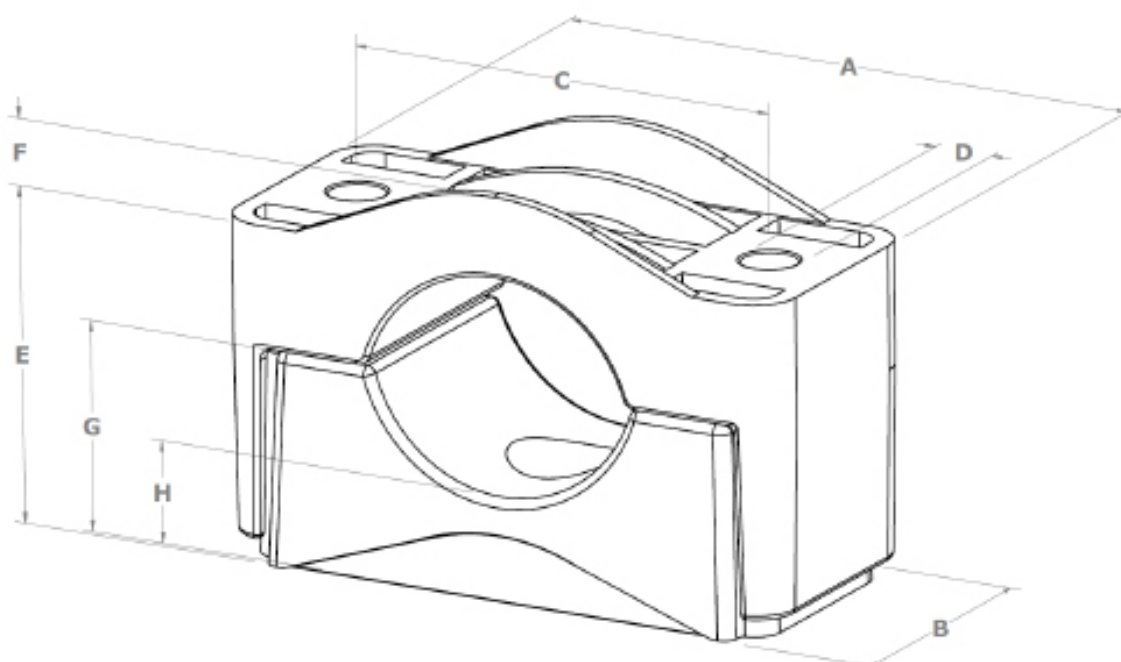
- Resistant to oils, fats, aggressive chemicals, frost, heat, UV, ozone, salt, moisture, and acids
- Stackable
- Provided with an extra centre hole for mounting with 1 bolt
- Self-extinguishing V-0 (UL94), Halogen free.
- Temperature range from -40°C to 125°C (225°C momentarily)
- Coloured black
- No magnetism/conductivity
- Custom mounting available
- Fastening materials can be supplied to size
- No oxidation/corrosion
- No sharp angles
- Recyclable
- Lifetime warranty
- Certified in accordance with NEN-EN-IEC 61914:2009



Clamp Inserts, ordered separately
Part No. DCLI604 - Thickness 5mm

Part No.	Cable Dia mm	Dimensions mm							
		A	B	C	D	E	F	G	H
DCLSEG2650	26 - 51	111	60	76	12.5	55.5-79.5	11.5	36	24
DCLSEG5080	50 - 81	135	60	100	12.5	78.5-108	15.5	47	23

SPECIFICATIONS

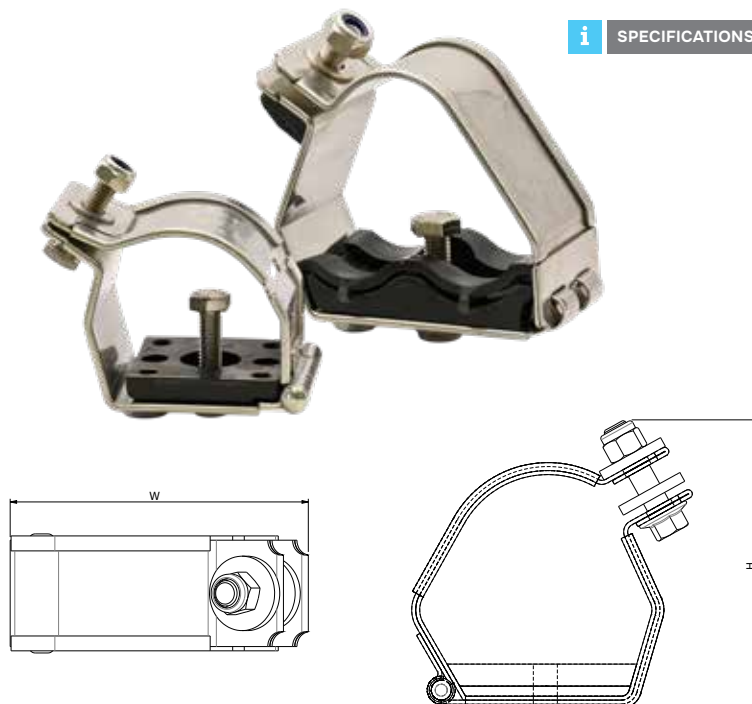


Stainless Steel Cable Clamps

Used for the harshest environments. Manufactured from 316 grade stainless steel and available in multiple sizes ranges for both trefoil and single cable configurations. Supplied with a Low Smoke Halogen Free cable pad to both position the cable and provide padding. Fixed using a single centre mounted bolt. Designed to IEC Standard 61914 and Type Tested and certified to DNV approval.

Features:

- Frame: Marine Grade 316 Stainless Steel
- Clamp Hardware: Stainless Steel 316 Grade bolt and nut
- Cleat Material: Composite
- Clamp Pad: Low Smoke Halogen free
- Mounting Bolt: Stainless Steel, provided with the clamp
- Temp rating: -40°C to +120°C
- Approval: DNV, ABS



Single Type			
Part No:	Cable Dia mm	Dimensions mm	
		H	W
DCFS2832	28-32	69	56
DCFS3034	30-34	71	58
DCFS3236	32-36	73	60
DCFS3438	34-38	74	63
DCFS3640	36-40	74	65
DCFS3842	38-42	76	66
DCFS4044	40-44	79	68
DCFS4246	42-46	81	71
DCFS4448	44-48	82	73
DCFS4650	46-50	84	75
DCFS4852	48-52	86	77
DCFS5054	50-54	87	79
DCFS5256	52-56	88	80
DCFS5458	54-58	90	81
DCFS5660	56-60	91	83
DCFS5862	58-62	93	84
DCFS6064	60-64	95	85
DCFS6266	62-66	96	87
DCFS6468	64-68	98	88
DCFS6670	66-70	100	91
DCFS6872	68-72	101	94
DCFS7074	70-74	103	95
DCFS7276	72-76	105	101
DCFS7478	74-78	107	104
DCFS7680	76-80	109	105
DCFS7882	78-82	110	107
DCFS8084	80-84	111	110
DCFS8286	82-86	113	111
DCFS8488	84-88	115	113
DCFS8690	86-90	116	116
DCFS8892	88-92	118	117
DCFS9094	90-94	120	119
DCFS9296	92-96	122	121
DCFS94106	94-106	135	133

Triple Type			
Part No:	Cable Dia mm	Dimensions mm	
		H	W
DCFT1723	17-23	75	75
DCFT1925	19-25	78	78
DCFT2329	23-29	84	84
DCFT2531	25-31	87	87
DCFT2733	27-33	90	90
DCFT2935	29-35	93	93
DCFT3238	32-38	97.5	97.5
DCFT3541	35-41	102	102
DCFT3844	38-44	106	106
DCFT4248	42-48	112	112
DCFT4551	45-51	116.5	116.5
DCFT4753	47-53	119.5	119.5
DCFT4955	49-55	122.5	122.5
DCFT5157	51-57	125.5	125.5
DCFT5359	53-59	128.5	128.5
DCFT5561	55-61	131.5	131.5
DCFT5763	57-63	134.5	134.5
DCFT5965	59-65	137	137
DCFT6167	61-67	141.5	141.5
DCFT6369	63-69	144.5	144.5
DCFT6571	65-71	147.5	147.5
DCFT6773	67-73	150.5	150.5
DCFT6975	69-75	153.5	153.5
DCFT7177	71-77	156.5	156.5
DCFT7379	73-79	159.5	159.5
DCFT7581	75-81	163.5	163.5
DCFT7783	77-83	167	167
DCFT7985	79-85	170.5	170.5
DCFT8187	81-87	174.5	174.5
DCFT8389	83-89	178	178
DCFT8692	86-92	184	184
DCFT8896	88-96	193	193
DCFT9199	91-99	199	199
DCFT96103	96-103	206	206

Larger sizes available on request, please contact the ECL team.



ECL
CABLE
ACCESSORIES

Cable Ties

Nylon Cable Ties

Injection moulded single piece construction. Manufactured from UL approved, Nylon 6/6, and available in both natural and black (UV stabilised). Notable features are bent tips, easy access ends for fast and secure installation, and a working temperature of -40°C to 85°C. Designed to comply with MIL-Spec M-20693B, and tensile strengths which meet or exceed MIL-S 23190.

Material: Nylon 6.6

Working Temp.: -40°C to 85°C

Minimum Installation Temperature -10°C

Flammability: UL 94V-2

Humidity absorption: 2.7% - 2.8%

Other Properties: UV-resistant
Low Smoke
Halogen free
Non-toxic



TUV approval: EN62275:2015

UL: File E258630 based newest standard UL62275

Part No.	Pack size	Length mm	Colour	Tensile Strength kg	Width mm	Maximum Diameter
Standard Duty						
ICT15033NC	100	150	Natural	18	3.3	38
ICT15033NK	1000	150	Natural	18	3.3	38
ICT15033BC	100	150	Black	18	3.3	38
ICT15033BK	1000	150	Black	18	3.3	38
ICT20036NC	100	200	Natural	18	3.6	54
ICT20036NK	1000	200	Natural	18	3.6	54
ICT20036BC	100	200	Black	18	3.6	54
ICT20036BK	1000	200	Black	18	3.6	54
ICT30036NC	100	290	Natural	18	3.6	82
ICT30036NK	1000	290	Natural	18	3.6	82
ICT30036BC	100	290	Black	18	3.6	82
ICT30036BK	1000	290	Black	18	3.6	82
ICT20048NC	100	200	Natural	22	4.8	54
ICT20048NK	1000	200	Natural	22	4.8	54
ICT20048BC	100	200	Black	22	4.8	54
ICT20048BK	1000	200	Black	22	4.8	54
ICT29048NC	100	288	Natural	22	4.8	81
ICT29048NK	1000	288	Natural	22	4.8	81
ICT29048BC	100	288	Black	22	4.8	81
ICT29048BK	1000	288	Black	22	4.8	81
ICT37048NI	50	370	Natural	22	4.8	106
ICT37048BI	50	370	Black	22	4.8	106
ICT43048NI	50	430	Natural	22	4.8	115
ICT43048BI	50	430	Black	22	4.8	115
Light Duty						
ICT10025NC	100	100	Natural	8	2.5	21
ICT10025NK	1000	100	Natural	8	2.5	21
ICT10025BC	100	100	Black	8	2.5	21
ICT10025BK	1000	100	Black	8	2.5	21
ICT16025NC	100	160	Natural	8	2.5	40
ICT16025NK	1000	160	Natural	8	2.5	40
ICT16025BC	100	160	Black	8	2.5	40
ICT16025BK	1000	160	Black	8	2.5	40
ICT20025NC	100	200	Natural	8	2.5	50
ICT20025NK	1000	200	Natural	8	2.5	50
ICT20025BC	100	200	Black	8	2.5	50
ICT20025BK	1000	200	Black	8	2.5	50
Heavy Duty						
ICT29076NI	50	290	Natural	54	7.6	82
ICT29076BI	50	290	Black	54	7.6	82
ICT37076NI	50	370	Natural	54	7.6	106
ICT37076BI	50	370	Black	54	7.6	106
ICT54076BD	25	540	Black	54	7.6	160
ICT43090ND	25	430	Natural	79	8.8	115
ICT43090BD	25	430	Black	79	8.8	115
ICT77090ND	25	770	Natural	79	8.8	220
ICT77090BD	25	770	Black	79	8.8	220
ICT120090ND	25	1200	Natural	79	8.8	367
ICT120090BD	25	1200	Black	79	8.8	367
Extra Heavy Duty						
ICT60012ND	25	618	Natural	114	12.4	181
ICT60012BD	25	618	Black	114	12.4	181

Stainless Steel Cable Ties - Uncoated

Used in harsh environments, where vibration, radiation, corrosion and extreme temperatures are present. Notable advantages are operational safety, durability and ease of use through high loop tensile strength and simplicity of threading.

Material: Stainless Steel 316

Working Temp.: -80°C to 538°C

Flammability: Fireproof

Other Properties: UV-resistant



Part No.	Length mm	Width mm	Maximum Dia mm	Tensile Strength kg	Pack size
ICTSS20046	200	4.6	50	102	100
ICTSS2008	200	8	50	226	100
ICTSS35046	350	4.6	89	102	100
ICTSS3508	350	8	89	226	100
ICTSS55046	550	4.6	128	102	100
ICTSS5208	550	8	128	226	50

*Other sizes available on request, please contact the ECL team

Stainless Steel Cable Ties - Coated

Coated with non-toxic, halogen free polyester coating
Prevents the corrosion between dissimilar materials.

Material: Stainless Steel Type 316

Working Temp.: -80°C to 150°C

Flammability: Fireproof

Other Properties: UV-resistant
Halogen free
Non-toxic



Part No.	Length mm	Width mm	Maximum Dia mm	Tensile Strength kg	Pack size
ICTSSNC20046	200	4.6	50	90	100
ICTSSNC2008	200	8	50	112	100
ICTSSNC35046	350	4.6	89	90	100
ICTSSNC3608	350	8	89	163	100
ICTSSNC45046	450	4.6	115	72	50
ICTSSNC5208	550	8	141	163	100
ICTSSNC55046	550	4.6	141	72	50

Other sizes available on request, please contact the ECL team.

Cable Tie Gun



Part No.	Description
CTGSS	Cable Tie Gun - Stainless Steel Cable Ties

Nylon Cable Tie Mounts

Material: Nylon 66
Working Temp.: -40°C to 80°C
Flammability: UL 94V-2



Adhesive Mount Type			
Part No.	Pack size	Length mm	Width mm
CTM19	100	19	19
CTM28	100	28	28



Screw Mount Type			
Part No.	Pack size	Length mm	Width mm
CTSM15B	100	15	9
CTSM15N	100	15	9
CTSM22B	100	22	16
CTSM22N	100	22	16



Barb Lock Cable Ties

Material: Nylon 66
Working Temp.: -40°C to 8°C
 Minimum Installation Temperature -10°C
Flammability: UL 94V-2
Other Properties: Halogen Free
 UV-resistant
 Stainless Steel Locking Barb
 Available in both natural and black



UL and Lloyds Approved and ROHS Compliant



Part No.	Pack size	Colour	Width mm	Length mm	Tensile Strength kg	Maximum Diameter mm
ICTBL10224BC	100	Black	2.4	102	8	23
ICTBL15536BC	100	Black	3.6	155	18	35
ICTBL18648BC	100	Black	4.8	186	22.6	45
ICTBL28436BC	100	Black	3.6	284	18	80
ICTBL29548BC	100	Black	4.8	295	22.5	79
ICTBL36148BC	100	Black	4.8	361	22.6	100
ICTBL3508BI	50	Black	8	350	50	92

Larger pack sizes and natural colour available on request, please contact the ECL team.

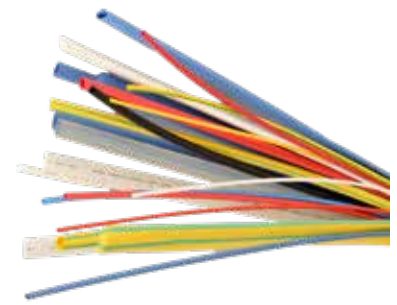


 **ECL**
CABLE
ACCESSORIES

Heatshrink

Thin Wall Heatshrink

- Technical Data:**
- Rated Voltage: 600V
 - Dielectric Strength: 15kV/mm
 - Tensile Strength: 10.4Mpa
 - Shrink Ratio 2:1
 - Flame retardant
- Operational Parameters:**
- Operating Temperature -55°C to 125°C
 - Shrink Temperature: 120°C
 - Longitudinal shrinkage: less than 8%
 - UL recognised to standard 224
 - Zero halogen
 - RoHS compliant



Sample Product Codes:

Lengths: TWHS20R (Red)

Reels: TWHS20BLR (Blue Reel)

Note: Brown and Grey available on request.

Part No.	Size mm	Maximum Internal Diameter mm	Internal Diameter Recovered mm	Standard Length mm	Reel/Spool Length m	Red (R)	White (WH)	Blue (BL)	Clear (CL)	Black (BLK)	Green/Yellow (GN)
TWHS1.5	1.5	2	0.85	1,200	200	●	○	●	○	●	●
TWHS2.5	2.5	3	1.3	1,200	200	●	○	●	○	●	●
TWHS3.5	3.5	4	1.8	1,200	200	●	○	●	○	●	●
TWHS5	5	5.5	2.5	1,200	100	●	○	●	○	●	●
TWHS7	7	7.5	3.5	1,200	100	●	○	●	○	●	●
TWHS10	10	10.5	5	1,200	100	●	○	●	○	●	●
TWHS13	13	13.5	6.5	1,200	100	●	○	●	○	●	●
TWHS20	20	21	10	1,200	100	●	○	●	○	●	●
TWHS25	25	26	12.5	1,200	50	●	○	●	○	●	●
TWHS40	40	41.5	20	1,200	50	●	○	●	○	●	●
TWHS50	50	50	25	1,200	25	●	○	●	○	●	●
TWHS80	80	80	41	1,200	25	●	○	●	○	●	●
TWHS100	100	100	51	1,200	25	●	○	●	○	●	●

Dual Wall Glue Lined Heatshrink

- Features:**
- 3:1 shrink ratio
 - Longitudinal shrink ratio: $\leq \pm 8\%$
 - Outer jacket flame retardant, inner adhesive self-extinguished
 - Super sealing against water, moisture or other contaminants
 - Continuous operating temperature: -55°C to 125°C
 - Shrink temperature: 120°C



Part No.	Size mm	Maximum Internal Diameter mm	Internal Diameter Recovered mm
DWSH3/1	3	3	1
DWSH4.8/1.5	4.8	4.8	1.5
DWSH6/2	6	6	2
DWSH9/3	9	9	3
DWSH12/4	12	12	4
DWSH19/6	19	19	6
DWSH24/8	24	24	8
DWSH30/10	30	30	10
DWSH40/13	40	40	13
DWSH50/19	50	50	19

Heavy Wall Glue Lined Heatshrink

- Features:**
- Operating temperature: -55°C to 110°C
 - Minimum full shrinkage temperature: 125°C
 - Halogen-free environmental protection
 - High strength, resistance to mechanical damage
 - Shrink ratio: 3:1 & 4:1
 - Other colours available on request



Part No.	Size mm	Maximum Internal Diameter mm	Internal Diameter Recovered mm
HWT9	9	9	3
HWT13	13	13	4
HWT16	16	16	5
HWT22	22	20	6
HWT33	33	33	9
HWT45	45	45	13
HWT55	55	55	16
HWT75	75	75	22
HWT85	85	85	25
HWT100	100	100	30
HWT115	115	115	34
HWT140	140	140	42
HWT160	160	160	50

Heatshrink Wrap Around Joints

HWRZ is a heat shrinkable wrap around repair sleeve used for repairing damaged cable over sheaths on various types of cable. It provides excellent corrosion protection; abrasion UV and weather resistance also make it ideal for LV cable jointing outer protection.

- Features:**
- Quick and easy installation
 - Protection against mechanical stress
 - Sleeve and channel can be cut to suit shorter applications
 - For insulation on low voltage cable up to 1000V
 - Hot melt adhesive forms a durable, moisture resistant seal
 - Fits a wide range of cable sizes



Part No.	Description	Application Range	Length
HWRZ42105	Wrap Around Joint 42-10mm	10-42	500mm
HWRZ55135	Wrap Around Joint 55-13mm	13-54	500mm
HWRZ55131	Wrap Around Joint 55-13mm	13-55	1.0m
HWRZ85201	Wrap Around Joint 85-20mm	20-85	1.0m
HWRZ108271	Wrap Around Joint 108-27mm	27-108	1.0m
HWRZ136301	Wrap Around Joint 136-30mm	30-136	1.0m
HWRZ155501	Wrap Around Joint 150-50mm	50-155	1.0m

Heatshrink Breakout Boots

- Features:**
- Cross linked polyolefin
 - UV and weather resistant
 - Available for 2 to 5 cores
 - Excellent sealing properties
 - Adhesive lined
 - Operating temp -55°C to 110°C
 - RoHS Compliant
 - Standard colour black



Part No.	Length mm	Fingers	Body Diameter Expanded mm	Body Diameter Recovered mm	Core Diameter Expanded mm	Core Diameter Recovered mm	Suggested Cable Size
2 WAY							
HSBB23310	93	2	30	12	9	3.5	4-35mm ²
HSBB26022	118	2	60	23	25	7.5	35-150mm ²
3 WAY							
HSBB32885	70	3	28	8.5	12	2.5	2.5-10mm ²
HSBB33814	98	3	38	17	14	4.5	4-35mm ²
HSBB36022	165	3	60	25	25	8	50-150mm ²
HSBB38033	185	3	80	38	35	11	185-300mm ²
4 WAY							
HSBB43814	105	4	42	15	14	3.5	6-35mm ²
HSBB45525	130	4	55	21	20	5	35-95mm ²
HSBB47222	175	4	75	26	28	7	95-185mm ²
HSBB410033	198	4	102	47	38	12	185-300mm ²
5 WAY							
HSBB54019	98	5	40	19	13	4	10-25mm ²
HSBB55524	155	5	55	24	18	5	95-95mm ²

Heatshrink End Caps

- Features:**
- Cross linked polyolefin
 - UV and weather resistant
 - Excellent sealing properties adhesive lined
 - Operating temp -55°C-110°C
 - RoHS Compliant
 - Standard colour black



Part No.	Maximum Internal Diameter mm	Internal Diameter Recovered mm	Standard Length mm
HSC1204	12	4	55
HSC2509	25	8.5	68
HSC3516	35	16	83
HSC4015	40	15	90
HSC5526	55	26	103
HSC7838	75	36	130
HSC10057	100	52	155
HSC12057	120	57	155

Pressure Relief/Degassing End Caps

Pressure Relief End Caps have an inbuilt relief/degassing valve that vents gas buildup above 3-5PSI.

Part No.	Maximum Internal Diameter mm	Internal Diameter Recovered mm	Standard Length mm
HSC4015PR	40	15	90
HSC5525PR	55	26	120
HSC7535PR	75	35	130
HSC10045PR	100	45	160

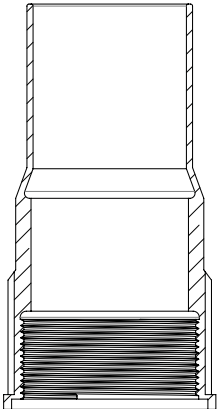
Heatshrink Cable Glands

 SPECIFICATIONS

GHSC series of Heat Shrinkable Cable Glands were developed to provide a cost effective method of providing a weatherproof seal on a variety of cables. The glands are manufactured in accordance with MIL specifications and provide a flame retarded adhesive lined body along with a male threaded entry part to enable fixture to the gland plate.

Features

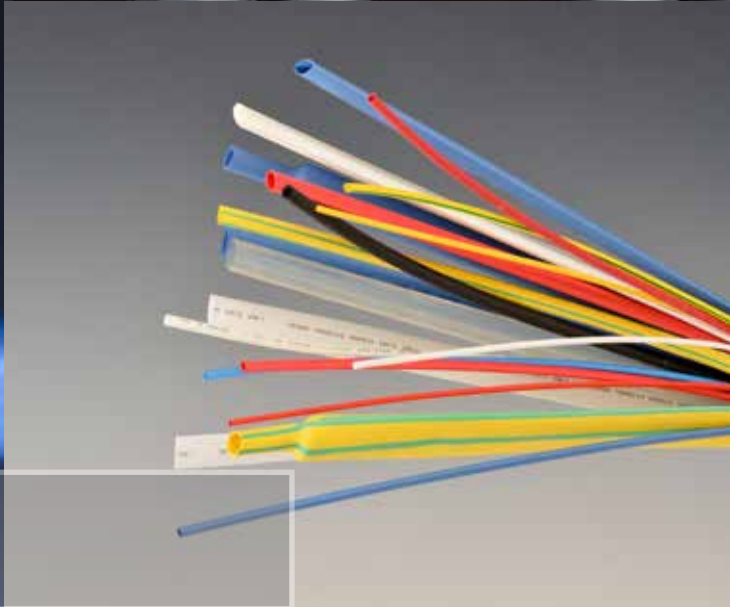
- Fast shrinkage with the application of heat (120°C)
- Continuous operating temperature suitable for a broad spectrum of practical uses
- Meets or exceeds standard specifications for Cable Entry Seals
- LSZH or Flame retardant with a flammability rating of non-burning
- Excellent dielectric properties suitable as electrical insulation
- Low water absorption qualities for providing a flexible moisture proof barrier
- Good low temperature flexibility with no cracking after prolonged exposure to cold
- Excellent heat resistance with no dripping or flowing, Thermoset Materials
- Very high tensile strength flexible rubber like synthetic compounds



Part No.	Cable O/D Min mm	Cable O/D Max mm	Gland Plate Thickness Max mm	Overall Length (recovered) mm	Entry Hole Size mm
GHSC1	4	12	6	95	26
GHSC2	7	17	6	95	26
GHSC3	13	26	6	100	35
GHSC4	19	38	6	130	51
GHSC4s	19	51	6	170	60
GHSC5	36	70	6	200	88
GHSC6X	40	91	6	340	110

Larger sizes available on request, please contact the ECL team







 **ECL**
CABLE
ACCESSORIES

Terminals



Pre & Uninsulated Terminals

Certified to relevant international standards, these terminals are offered in both small and large packs. Bulk packs are also available on request.

Heatshrinkable Splice

Manufactured by co-extrusion of super high strength polymeric materials and hot-melt adhesive. Designed to provide both insulation and sealing for wire conductor.

Standard Colours: Red, Yellow, Blue

Shrink Ratio: 3:1

Operating Temperature: -55°C to 125°C

Minimum full recovery temperature: 110°C



Part No.	Conductor Size	Colour	Pack Size
HSJ15	1.5mm ²	Red	50 and 100
HSJ25	2.5mm ²	Blue	50 and 100
HSJ6	6.0mm ²	Yellow	50 and 100

Ring Terminals				
Part No.	Conductor Size	Ring Size	Colour	Pack Size
ERT153/100	0.5-1.5mm ²	3mm	Red	100
ERT154/100	0.5-1.5mm ²	4mm	Red	100
ERT155/100	0.5-1.5mm ²	5mm	Red	100
ERT156/100	0.5-1.5mm ²	6mm	Red	100
ERT158/100	0.5-1.5mm ²	8mm	Red	100
ERT1510/100	0.5-1.5mm ²	10mm	Red	100
ERT253/100	1.5-2.5mm ²	3mm	Blue	100
ERT254/100	1.5-2.5mm ²	4mm	Blue	100
ERT255/100	1.5-2.5mm ²	5mm	Blue	100
ERT256/100	1.5-2.5mm ²	6mm	Blue	100
ERT258/100	1.5-2.5mm ²	8mm	Blue	100
ERT2510/100	1.5-2.5mm ²	10mm	Blue	100
ERT63/50	2.5-6.0mm ²	3mm	Yellow	50
ERT64/50	2.5-6.0mm ²	4mm	Yellow	50
ERT65/50	2.5-6.0mm ²	5mm	Yellow	50
ERT66/50	2.5-6.0mm ²	6mm	Yellow	50
ERT68/50	2.5-6.0mm ²	8mm	Yellow	50
ERT610/50	2.5-6.0mm ²	10mm	Yellow	50



Fork Terminals				
Part No.	Conductor Size	Fork Size	Colour	Pack Size
EFT153/100	0.5-1.5mm ²	3mm	Red	100
EFT154/100	0.5-1.5mm ²	4mm	Red	100
EFT155/100	0.5-1.5mm ²	5mm	Red	100
EFT156/100	0.5-1.5mm ²	6mm	Red	100
EFT253/100	1.5-2.5mm ²	3mm	Blue	100
EFT254/100	1.5-2.5mm ²	4mm	Blue	100
EFT255/100	1.5-2.5mm ²	5mm	Blue	100
EFT256/100	1.5-2.5mm ²	6mm	Blue	100
EFT63/50	2.5-6.0mm ²	3mm	Yellow	50
EFT64/50	2.5-6.0mm ²	4mm	Yellow	50
EFT65/50	2.5-6.0mm ²	5mm	Yellow	50
EFT66/50	2.5-6.0mm ²	6mm	Yellow	50



Quick Connect - Female

Part No.	Conductor Size	Tab Size	Colour	Pack Size
EQC15/100	1.5mm ²	6.4mm	Red	100
EQC1548/100	1.5mm ²	4.8mm	Red	100
EQC1528/100	1.5mm ²	2.8mm	Red	100
EQC25/100	2.5mm ²	6.4mm	Blue	100
EQC2548/100	2.5mm ²	4.8mm	Blue	100
EQC6/50	6.0mm ²	6.4mm	Yellow	50



Fully Insulated, Quick Connect - Female

Part No.	Conductor Size	Tab Size	Colour	Pack Size
EFIQ15/100	1.5mm ²	6.4mm	Red	100
EFIQ1548/100	1.5mm ²	4.8mm	Red	100
EFIQ25/100	2.5mm ²	6.4mm	Blue	100
EFIQ2548/100	2.5mm ²	4.8mm	Blue	100
EFIQ6/50	6.0mm ²	6.4mm	Yellow	50



Male Tab

Part No.	Conductor Size	Tab Size	Colour	Pack Size
EMT15/100	1.5mm ²	6.4mm	Red	100
EMT1548/100	1.5mm ²	4.8mm	Red	100
EMT25/100	2.5mm ²	6.4mm	Blue	100
EMT2548/100	2.5mm ²	4.8mm	Blue	100
EMT6/50	6.0mm ²	6.4mm	Yellow	50



Piggy Back, Quick Connect

Part No.	Conductor Size	Tab Size	Colour	Pack Size
EPB15/100	1.5mm ²	6.4mm	Red	100
EPB25/100	2.5mm ²	6.4mm	Blue	100



Pin Connector

Part No.	Conductor Size	Colour	Pack Size
EPC15/100	1.5mm ²	Red	100
EPC25/100	2.5mm ²	Blue	100
EPC6/50	6.0mm ²	Yellow	50



Lip Blade Terminal

Part No.	Conductor Size	Colour	Pack Size
ELB15/100	1.5mm ²	Red	100
ELB25/100	2.5mm ²	Blue	100



Bullet Connector - Female

Part No.	Conductor Size	Colour	Pack Size
EFBC15/100	1.5mm ²	Red	100
EFBC25/100	2.5mm ²	Blue	100



Bullet Connector – Male

Part No.	Conductor Size	Colour	Pack Size
EMBC15/100	1.5mm ²	Red	100
EMBC25/100	2.5mm ²	Blue	100

In-Line Splice

Part No.	Conductor Size	Colour	Pack Size
EILS15/100	1.5mm ²	Red	100
EILS25/100	2.5mm ²	Blue	100
EILS6/50	6.0mm ²	Yellow	50

Lipless Terminal

Part No.	Conductor Size	Colour	Pack Size
ELL15/100	1.5mm ²	Red	100
ELL25/100	2.5mm ²	Blue	100
ELL6/100	6.0mm ²	Yellow	100

End Connector

Part No.	Conductor Size	Colour	Pack Size
EEC15/100	1.5mm ²	Clear	100
EEC25/100	2.5mm ²	Clear	100
EEC6/50	6.0mm ²	Clear	50

End Connector

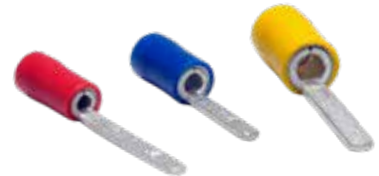
Part No.	Conductor Size	Colour	Pack Size
EWN15/50	1.5mm ²	Grey	100
EWN25/50	2.5mm ²	Blue	100
EWN6/25	6.0mm ²	Orange	50

Ring Terminals - Uninsulated

Part No.	Conductor Size	Ring Size	Pack Size
ERTU1253	0.5mm ² -1.6mm ²	3mm	100
ERTU1254		4mm	100
ERTU1255		5mm	100
ERTU1256		6mm	100
ERTU24	1.0mm ² -2.6mm ²	4mm	100
ERTU25		5mm	100
ERTU26		6mm	100
ERTU28		8mm	100
ERTU210		10mm	100
ERTU55	2.5mm ² -6.0mm ²	5mm	100
ERTU56		6mm	100
ERTU58		8mm	100
ERTU510		10mm	100
ERTU512		12mm	100

Fork Terminals - Uninsulated

Part No.	Conductor Size	Ring Size	Pack Size
EFSU1253	0.5mm ² -1.6mm ²	3mm	100
EFSU1254		4mm	100
EFSU1255		5mm	100
EFSU24		4mm	100
EFSU25	1.0mm ² -2.6mm ²	5mm	100
EFSU26		6mm	100
EFSU54		4mm	100
EFSU55	2.5mm ² -6.0mm ²	5mm	100
EFSU56		6mm	100



End Sleeves (Ferrules) - Insulated, Loose

For use on fine stranded cables to encapsulate the strands and provide a tidy termination for the cable end. Ideal for control wiring applications for the best termination.



Part No.	Nominal Conductor	Colour	Pack Size	Dimensions mm					
				L1	L2	ID	s1	d2	s2
ESI056D	0.5mm ²	White	100	12	6	1.1	0.15	2.4	0.3
ESI058D	0.5mm ²	White	100	14	8	1.1	0.15	2.4	0.3
ESI0758D	0.75mm ²	Grey	100	14	8	1.3	0.15	2.7	0.3
ESI108D	1.0mm ²	Red	100	14	8	1.5	0.15	2.9	0.3
ESI158D	1.5mm ²	Black	100	14	8	1.8	0.15	3.3	0.3
ESI1512D	1.5mm ²	Black	100	18	12	1.8	0.15	3.3	0.3
ESI0258D	2.5mm ²	Blue	100	15	8	2.3	0.15	4.1	0.3
ESI02512D	2.5mm ²	Blue	100	19	12	2.3	0.15	4.1	0.3
ESI02518D	2.5mm ²	Blue	100	25	18	2.3	0.15	4.1	0.3
ESI4010D	4.0mm ²	Grey	100	17	10	2.9	0.2	4.7	0.3
ESI4012D	4.0mm ²	Grey	100	19	12	2.9	0.2	4.7	0.3
ESI6012D	6.0mm ²	Yellow	50	20	12	3.6	0.2	6.1	0.3
ESI6018D	6.0mm ²	Yellow	50	26	18	3.6	0.2	6.1	0.3
ESI1012D	10.0mm ²	Red	50	21	12	4.6	0.2	7.4	0.4
ESI1018D	10.0mm ²	Red	50	27	18	4.6	0.2	7.4	0.4
ESI1612D	16.0mm ²	Blue	50	23	12	6	0.2	8.6	0.5
ESI1618D	16.0mm ²	Blue	50	29	18	6	0.2	8.6	0.5
ESI2516D	25.0mm ²	Yellow	50	29	16	7.5	0.2	10.9	0.5
ESI2518D	25.0mm ²	Yellow	50	31	18	7.5	0.2	10.9	0.5
ESI3516D	35.0mm ²	Red	50	30	16	8.5	0.2	12.3	0.5
ESI3525D	35.0mm ²	Red	50	39	25	8.5	0.2	12.3	0.5
ESI5020D	50.0mm ²	Blue	50	36	20	10.5	0.3	14.8	0.6

* Special colours to French (T) or German (W) standards and thick insulation ferrules available on request, please contact the ECL team.

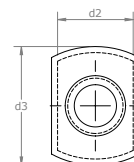
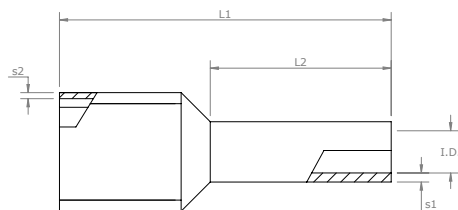
Twin End Sleeves - Insulated, Loose

Designed to take two cables at once in the same terminal. Ideal for "neutral" loop between devices

Part No.	Nominal Conductor	Colour	Pack Size	Dimensions mm						
				L1	L2	ID	s1	d2	d3	s2
EST2058D	2 x 0.5mm ²	White	100	15	8	1.5	0.5	2.4	4.6	0.3
EST2758D	2 x 0.75mm ²	Grey	100	15	8	1.8	0.15	2.7	5.4	0.3
EST275812D	2 x 0.75mm ²	Grey	100	19	12	1.8	0.15	2.7	5.4	0.3
EST2108D	2 x 1.0mm ²	Red	100	15	8	2.05	0.15	3.3	5.3	0.3
EST2158D	2 x 1.5mm ²	Black	100	16	8	2.3	0.15	3.5	6.5	0.3
EST21512D	2 x 1.5mm ²	Black	100	20	12	2.3	0.15	3.5	6.5	0.3
EST202510D	2 x 2.5mm ²	Blue	100	19	10	2.9	0.2	4.1	7.7	0.4
EST202513D	2 x 2.5mm ²	Blue	100	22	13	2.9	0.2	4.1	7.7	0.4
EST202518D	2 x 2.5mm ²	Blue	100	27	18	2.9	0.2	4.1	7.7	0.4
EST24012D	2 x 4.0mm ²	Grey	100	23	12	3.8	0.2	4.9	8.7	0.4
EST24018D	2 x 4.0mm ²	Grey	100	29	18	3.8	0.2	4.9	8.7	0.4
EST26014D	2 x 6.0mm ²	Yellow	100	25	14	4.9	0.2	6.1	9.9	0.4

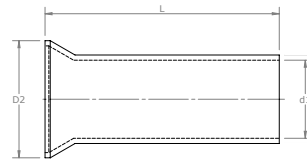
Slide Boxes - ESSB1	
Assorted Sizes 0.5-2.5mm ²	
Contents	Quantity
0.5mm	50
0.75mm	100
1.0mm	100
1.5mm	100
2.5mm	50

Slide Boxes - ESSB2	
Assorted Sizes 4.0-16.0mm	
Contents	Quantity
4.0mm	50
6.0mm	20
10.0mm	20
16.0mm	10



End Sleeves - Uninsulated, Loose

Designed as a termination for fine stranded cable these tin-plated copper sleeves provide encapsulation for the stranding and a secure clamping point for modern device terminals.



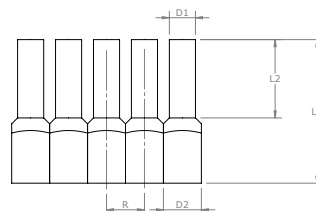
Part No.	Nominal Conductor	Pack Size	Dimensions mm		
			L	d1	D2
ESU056	0.5mm ²	1000	6	1	2.1
ESU0756	0.75mm ²	1000	6	1.2	2.3
ESU106	1.0mm ²	1000	6	1.4	2.5
ESU157	1.5mm ²	1000	7	1.5	2.8
ESU1510	1.5mm ²	1000	10	1.5	2.8
ESU1512	1.5mm ²	1000	12	1.5	2.8
ESU2512	2.5mm ²	1000	12	2.2	3.4
ESU2520	2.5mm ²	1000	20	2.2	3.4
ESU4010	4.0mm ²	500	10	2.8	4
ESU4012	4.0mm ²	500	12	2.8	4
ESU4015	4.0mm ²	500	15	2.8	4
ESU4018	4.0mm ²	500	18	2.8	4
ESU4020	4.0mm ²	500	20	2.8	4
ESU6012	6.0mm ²	500	12	3.5	4.7
ESU6020	6.0mm ²	500	20	3.5	4.7
ESU1012	10.0mm ²	500	12	4.5	5.8
ESU1015	10.0mm ²	500	15	4.5	5.8
ESU1018	10.0mm ²	500	18	4.5	5.8

Part No.	Nominal Conductor	Pack Size	Dimensions mm		
			L	d1	D2
ESU1025	10.0mm ²	500	25	4.5	5.8
ESU1612	16.0mm ²	100	12	5.8	7.5
ESU1615	16.0mm ²	100	15	5.8	7.5
ESU1618	16.0mm ²	100	18	5.8	7.5
ESU1625	16.0mm ²	100	25	5.8	7.5
ESU2518	25.0mm ²	100	18	7.3	9.5
ESU2525	25.0mm ²	100	25	7.3	9.5
ESU3518	35.0mm ²	50	18	8.3	11
ESU3525	35.0mm ²	50	25	8.3	11
ESU5025	50.0mm ²	50	25	10.3	13
ESU5032	50.0mm ²	50	32	10.3	13
ESU7025	70.0mm ²	50	25	12.5	15
ESU9532	95.0mm ²	50	32	14.5	17
ESU12032	120.0mm ²	25	32	16.5	19
ESU15032	150.0mm ²	25	32	18.5	21
ESU18532	185.0mm ²	25	32	20	23.5
ESU24040	240.0mm ²	25	40	22.8	25.8

End Sleeves Insulated – Strip Form

Ideal for panel/switchboard builders regularly using ferrules.

Part No.	Nominal Conductor	Colour	Pack Size	Dimensions mm				
				L1	L2	D1	D2	R
ESS0550D	0.5mm ²	White	10 x 50	14.5	8	1.1	2.6	3.5
ESS07550D	0.75mm ²	Grey	10 x 50	14.5	8	1.3	2.7	3.6
ESS1050D	1.0mm ²	Red	10 x 50	14.5	8	1.5	3	3.9
ESS1550D	1.5mm ²	Black	10 x 50	14.5	8	1.8	3.2	4.2
ESS02550D	2.5mm ²	Blue	10 x 50	14.5	8	2.3	4.1	5

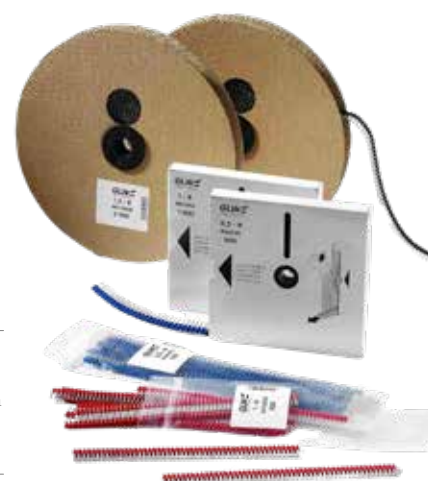
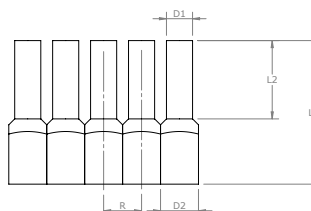


End Sleeves Insulated - Roll Form

Dispenser size 150 x 150 x 18mm

For high use applications such as OEM's and large panel builders. Designed to be used with GLW stripping and crimping machines.

Part No.	Nominal Conductor	Colour	Pack Size	Dimensions mm				
				L1	L2	D1	D2	R
ESR055D	0.5mm ²	White	1000	14.5	8	1.1	2.6	3.5
ESR075D	0.75mm ²	Grey	1000	14.5	8	1.3	2.7	3.6
ESR10D	1.0mm ²	Red	1000	14.5	8	1.5	3	3.9
ESR15D	1.5mm ²	Black	1000	14.5	8	1.8	3.2	4.2
ESR025D	2.5mm ²	Blue	500	14.5	8	2.3	4.1	5



Note: Tooling available on page 154



Crimp Tooling



Mini Battery Powered 6 Ton Crimp Tool

A small, but powerful battery operated portable tool designed for efficient and precise crimping applications.

Key features:

- Lightweight, Easy Operation
- Two Stage Hydraulic Pump, 6 Ton Output
- Interchangeable Dies
- Swiveling Crimp head
- Perfect Crimp Operation
- 18V 5.0 Ah Li-Ion Battery
- Supplied Complete with Carry Case and dies
- Will crimp from 6mm² to 185mm²

Part No.	Length mm	Weight kg
BCLPB185L	395	2.5



Dubuis Battery Powered 12 Ton Crimp Tool

A cutting-edge, portable tool designed for efficient and precise crimping applications. The tool boasts a durable construction and ergonomic design, ensuring comfortable use over extended periods.

Key features:

- Comes with 2 x 18V LI 5.0 Amp batteries, charger, carry case, shoulder strap
- Light weight design making it easy to be carried around on the job
- Rotatable crimp head
- Interchangeable with dies Cu up to 400mm, AL up to 300mm
- USB connections for data analysis & preventive maintenance with dedicated software
- Certified in accordance with NEN-EN-IEC 61914:2009

Part No.	Crimping Force kN	Jaw Opening mm	Length mm	Weight kg
BCLD1301	130	26	395	6.8
BCLD1303	130	38	425	7.35



Hex Hand Crimp Tool - 6 to 50mm²

One of the most popular hand crimper's on the market. With its small, lightweight design and featuring a rotating self-contained hex die set, this is an ideal asset for any electrician.

Key features:

- Compact lightweight design at just over 1kg!
- Crimping range of 6mm² up to 50mm² copper

Standard Duty Version

Part No.	Length mm	Applicable Range	Weight kg
CLCHM	390	6-50mm ²	1.7

Heavy Duty Version

Part No.	Length mm	Applicable Range	Weight kg
CLCHM-HD	390	6-50mm ²	1.1



Hex Hand Crimp Tool - 10 to 120mm²

Featuring a rotating self-contained rotating hexagonal die set, making this a very versatile crimper for a large range of copper cable sizes from 10mm² up to 120mm²

Key features:

- Self-contained rotating crimp dies
- Crimps from 10mm² up to 120mm² copper

Standard Duty Version

Part No.	Length mm	Applicable Range	Weight kg
CLCHL	620	10-120mm ²	4.6

Heavy Duty Version

Part No.	Length mm	Applicable Range	Weight kg
CLCHL-HD	620	10-120mm ²	4



Hex Hand Crimp Tool - 6 to 120mm²

Designed with portability in mind, this crimper features a rotating self-contained hexagonal die set. You can also dismantle the crimper to fit in the carry case making this a very portable and versatile crimper.

Key features:

- Complete with removable handles and a hard plastic carry case
- Crimps 6mm² up to 120mm² copper

Part No.	Length mm	Applicable Range	Weight kg
CLC120NT	620	6-120mm ²	6



Hand Crimp Tool - Indent 1.5 to 16mm²

A ratchet type indent crimper for standard copper lugs and links from 1.5 to 16mm².

Part No.	Length mm	Applicable Range
CLCIS	270	1.5-16mm



Self-adjusting Ferrule Crimp Tools

Featuring a unique self-adjusting crimp action, crimping ferrules ranging from 0.5 to 10mm². An easy operation, simply insert the wire and ferrule and the tool will self-adjust and crimp.



Self-adjusting Ferrule Crimp Tool 0.5 to 6mm²

Part No.	Applicable Range
HCDL-6	0.5-6mm ²



Self-adjusting Ferrule Crimp Tool 0.75 to 10mm²

Part No.	Applicable Range
HCDL-10	0.75-10mm ²

Self-adjusting Ferrule Crimp Tools

Featuring a new ergonomic handle for comfort, a unique self-adjusting crimp action, crimping ferrules ranging from 0.05 to 16mm². An easy operation, simply insert the wire and ferrule and the tool will self-adjust and crimp.



Self-adjusting Ferrule Crimp Tool 0.08 to 10mm²

Part No.	Applicable Range
HCDL-10A	0.08-10mm ²



Self-adjusting Ferrule Crimp Tool 0.5 to 16mm²

Part No.	Applicable Range
HCDL-16A	0.5-16mm ²



Ratchet Crimp Tool - For bootlace ferrules

These Ferrule Crimpers are designed for a range of ferrule size, featuring adjustable crimp settings for the perfect crimp.

Part No.	Length mm	Applicable Range	Weight kg
HCESS	230	0.5-6mm ²	
HCESSM	230	6-16mm ²	
HCESSL	240	10-35mm ²	



Ratchet Crimp Tool - For pre-insulated terminals and connectors

Designed with the professional in mind, this crimp tool features ergonomic handles and a positive ratchet operation to ensure the perfect crimp.

Red 0.5-1.5mm²
Blue 1.0-2.6mm²
Yellow 2.6-6.0mm²

Part No.	Length mm	Applicable Range	Weight kg
HCPIIT	230	0.5-6mm ²	



Ratchet Crimp Tool - For twin insulated ferrules 0.5 to 6.0mm²

Designed for both insulated twin ferrules. This crimper does a large range of ferrule sizes from 0.5mm² up to 6.0mm²

Part No.	Length mm	Applicable Range	Weight kg
HCESD	230	0.5-6mm ²	



Quadro Crimp Tool - For strip form insulated ferrules

Combining four functions, the Quadro ferrule crimper cuts, strips, twists and crimps insulated end sleeves

Part No.	Length mm	Applicable Range	Weight kg
HCESQ	175	0.5-2.5mm ²	



Hand Crimp Tool - For bootlace ferrules 50 to 95mm²

Designed with the professional in mind, this crimp tool features ergonomic handles and a positive ratchet operation to ensure the perfect crimp.

Part No.	Length mm	Working Range	Weight kg
HCES95	330	50-95mm	



Hand Crimp Tool - For bootlace ferrules 120 to 150mm²

This crimper handles the larger sizes of insulated and uninsulated ferrules. With an adjustable crimp setting the crimp jaws provide a serrated finish to the ferrule for the best connection.

Part No.	Length mm	Working Range	Weight kg
HCES150	380	120-150mm	



Nicopress Crimp Tool 6 to 16mm²

This crimper is a multi-groove toggle action hand tool. Recommended when several small diameter cables are being used.

Part No.	Description	Weight kg
CNP31EJ	Nicopress 31-EJ FTS Crimp Tool 6-16mm	1.1



Nicopress Crimp Tool 10 to 50mm²

Toggle action tools available in single and multi-groove. Useful when several small diameter cables are being used.

Part No.	Description	Weight kg
CNP51MJ	Nicopress 51-MJ Crimp Tool	2
CNP53XMJ	Nicopress 53-XMJ FTS Crimp Tool 10-50mm	2.3



Hand Hydraulic Crimp Tools - 12 Ton

Accommodating compression of copper and aluminium connectors up to 300mm². The crimp head accepts standard 12 tonne hexagonal dies. Tool is supplied in its own carry case.



Part No.	Jaw Opening mm	Crimping Force kN	Length mm	Weight kg
HC12T25	25	130	582	6.3
HC12T42	42	130	636	7.7

Hydraulic Crimp Head - 12 Ton

Specifically designed for getting into confined and tight spaces. This crimp head caters a large range of dies from 16mm² up to 400mm² Cu. All our hydraulic pumps will power this head.

Key features:

- Lightweight and small design assisting with manoeuvrability in tight areas
- Can be used with a large range of dies



Part No.	Jaw Opening mm	Length mm	Weight kg
HC12TR25	25	210	3.6
HC12TR42	42	245	4.8

Hydraulic Crimp Head - 18 Ton

One of the most versatile crimp heads on the market with its ability to use 18 Ton and 12 Ton crimp dies. A die adapter comes complete with this head to give you the flexibility to do from 16mm² up to 500mm² Cu, 500mm² AL.

Key features:

- Lightweight, reducing operator fatigue
- Can be used with large range of dies

Part No.	Crimping Range	Length mm	Weight kg
HCTP-630H	16-500mm ²	240	4.8



Hydraulic Crimp Head - 25 Ton

Designed for crimping a large range of cable connectors up to 630mm² Cu and up to 500mm² AL. Compatible with all our hydraulic pumps.

Key features:

- Lightweight, reducing operator fatigue
- Can be used with large range of dies

Part No.	Crimping Force	Weight kg
HCT25	25 Ton	5.5



Hydraulic Crimp Head - 30 Ton

For distribution and transmission applications the HC630A with its 30 Ton crimping force will handle up to 800mm² aluminium and 630mm² copper. The crimper features a flip top opening to allow insertion of the conductor and ease of die replacement.

Key features:

- Can crimp a large range of cable sizes
- Designed to be used with all our hydraulic pumps

Part No.	Crimping Force	Length mm	Weight kg
HC630A	30 Ton	370	25

Note: If you are interested in a foam insert heavy duty carry case, please contact us for availability.



Hydraulic Crimp Head - 60 Ton

Designed to crimp larger fittings. This unit allows you to change out different dies of choice to cater to a range of crimp sizes. For ease of cable access, it has a twist release head. This crimp head is designed to be used with the HP45 hydraulic pump.

Key features:

- Designed for crimping large connectors
- Interchangeable with a range of dies

Part No.	Dimensions	Range Stroke mm	Max Connector Diameter	Oil Volume	Pump Required	Weight kg
HC60HT	450mm high x 146mm diameter	38.5	Approx 60mm	303cc	Single Acting 10,000psi (700bar)	27.5



Hydraulic Crimp Head - 100 Ton

Designed for the larger transmission connectors in mind this crimp head will accommodate connectors up to 75mm diameter. Tool comes complete with its own carry handle, and a quick release head for easy cable entry. Requires double acting pump for operation e.g. HP45DA/HP45.

Key features:

- Powerful crimp head for crimping large connectors
- Interchangeable with a range of dies

Part No.	Dimensions	Range Stroke mm	Max Connector Diameter	Oil Volume	Pump Required	Weight kg
HC100HT	350mm high x 200mm diameter	22	Approx 75mm	314cc	Double Acting 10,000psi (700bar)	32



Compression Dies



Copper Dies - 12 Ton

Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	Cu Cable Size mm ²	A/F (Across Flat) mm
D16CU	16	6.3
D25CU	25	7.7
D35CU	35	9.2
D50CU	50	10.4
D70CU	70	11.5
D95CU	95	14.2
D120CU	120	16.5
D150CU	150	18.3
D185CU	185	20.0
D240CU	240	23.1
D300CU	300	26.0



Aluminium Dies - 12 Ton

Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	AL Cable Size mm ²	A/F (Across Flat) mm
DA25/35	25/35	9
DA50/70	50/70	13.2
DA95/120	95/120	17.3
DA150/185	150/185	22.0
DA240/300	240/300	28.4

Aluminium Dies – CDA Type - 12 Ton

These dies are designed for overhead named conductors. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	AL Size	A/F (Across Flat) mm
ECDA1	1	8.3
ECDA2	2	9.6
ECDA3	3	12.4
ECDA4	4	13.7
ECDA5	5	17.9
ECDA6	6	22.0
ECDA7	7	25.4
ECDA8	8	28.1
ECDA9	9	32.3



Note: If the size you are looking for isn't displayed on this page, please contact the team at ECL.

*Across flat is the measurement between two parallel crimped faces.

Die Kit - 12 Ton

A complete die kit for 25mm² up to 300mm² aluminium and copper.

Supplied with foam insert and plastic carry case.

Part No.	Description
DKIT	Crimp Die Set, 25-300mm ² Cu, 25-300mm ² AL

Aluminium Dies - 18 Ton

Designed for our 18 Ton crimp head HCTP-630H. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	AL Cable Size mm ²	A/F (Across Flat) mm
DALTP240/300	240/300	28.4
DALTP400/500	400/500	39.0

Copper Dies - 18 Ton

Designed for our 18 Ton crimp head HCTP-630H. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	Cu Cable Size mm ²	A/F (Across Flat) mm
DCLTP240	240	23.1
DCLTP300	300	26.0
DCLTP400	400	28.1
DCLTP500	500	31.0

Note: If the size you are looking for isn't displayed on this page, please contact the team at ECL.

*Across flat is the measurement between two parallel crimped faces.



Aluminium Dies - 25 Ton

Designed for our 25 Ton crimp head HCT25. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	AL Cable Size mm ²	A/F (Across Flat) mm
DAL25-150/185	150/185	22.0
DAL25-240/300	240/300	28.4
DAL25-400/500	400/500	39.0

Copper Dies - 25 Ton

Designed for our 25 Ton crimp head HCT25. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	Cu Cable Size mm ²	A/F (Across Flat) mm
DCL25-150	150	18.3
DCL25-185	185	20.0
DCL25-240	240	23.1
DCL25-300	300	26.0
DCL25-400	400	28.1
DCL25-500	500	31.0
DCL25-630	630	37.0

Note: If the size you are looking for isn't displayed on this page, please contact the team at ECL.

*Across flat is the measurement between two parallel crimped faces.



Aluminium Dies - 30 Ton

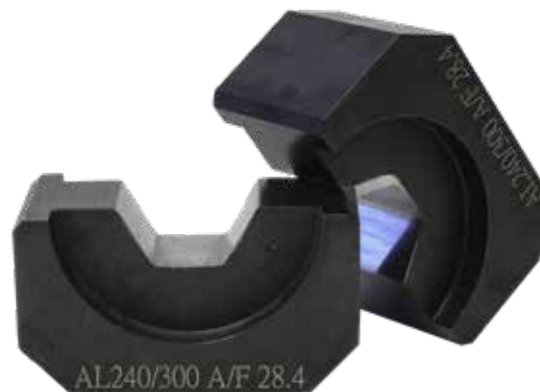
Designed for our 30 Ton crimp head HC630A. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	AL Cable Size mm ²	A/F (Across Flat) mm
DAL150/185	150/185	22.0
DAL240/300	240/300	28.4
DAL400/500	400/500	39.0
DAL630/800	630/800	43.2

Copper Dies - 30 Ton

Designed for our 30 Ton crimp head HC630A. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	Cu Cable Size mm ²	A/F (Across Flat) mm
DCL120	120	16.5
DCL150	150	18.3
DCL185	185	20.0
DCL240	240	23.1
DCL300	300	26.0
DCL400	400	28.4
DCL500	500	31.0
DCL630	630	37.0



Note: If the size you are looking for isn't displayed on this page, please contact the team at ECL.

*Across flat is the measurement between two parallel crimped faces.

Aluminium Dies - 60 Ton

Designed for our 60 Ton crimp head HC60HT. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	AL Cable Size mm ²	A/F (Across Flat) mm
DAL60400500	400/500	39.0
DAL60630800	630/800	43.2

Copper Dies - 60 Ton

Designed for our 60 Ton crimp head HC60HT. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Part No.	Cu Cable Size mm ²	A/F (Across Flat) mm
DCL60300	300	26.0
DCL60400	400	28.1
DCL60500	500	31.0
DCL60630	630	37.0



Note: If the size you are looking for isn't displayed on this page, please contact the team at ECL.

*Across flat is the measurement between two parallel crimped faces.

Aluminium Dies - 100 Ton

Copper Dies - 100 Ton

Designed for our 100 Ton crimp head HC100HT. Crafted from high-quality hardened steel, which imparts exceptional strength, durability, and wear resistance. Each die is marked with its applicable cable sizing or A/F (Across Flat)* measurement. This is engraved on the die face which stamps onto the connector allowing for easy verification.

Note: Available on request, please contact the ECL team.



Copper C Connector Dies

Made from high-quality hardened steel giving exceptional wear resistance.

Part No.	Description
DCT26	C Connector Die 26mm
DCT44	C Connector Die 44mm
DCT60	C Connector Die 60mm
DCT76	C Connector Die 76mm
DCT98	C Connector Die 98mm
DCT122	C Connector Die 122mm
DCT154	C Connector Die 154mm
DCT190	C Connector Die 190mm
DCT240	C Connector Die 240mm
DCT288	C Connector Die 288mm
DCT365	C Connector Die 365mm





Cable Cutting Tools



Battery Powered Hydraulic Cable Cutter

Powerful high performance battery powered cable cutter designed for standard copper and aluminium cables. Light weight and compact design.

Key features:

- Complete with carry case, 2 x 18V Li-Ion batteries, charger
- Compact, lightweight design



Part No.	Max. blade opening Dia. mm	Max AL Cable mm ²	Max Cu Cable mm ²	Weight kg
HCCB54	52	500	400	2.7

Note: Not to be used on ACSR or Wire Rope

Ratchet Cable Cutter - Up to 400mm²

Small enough for a toolbox with the ability to cut larger sized cables. Can cut a range of XLPE and sector URD cables.

Key features:

- Extremely lightweight at under 1kg
- Large cable cutting range



Part No.	Max. blade opening Dia. mm	Max AL Cable mm ²	Max Cu Cable mm ²	Length mm	Weight g
RCC500S	42	400	400	240	960

Note: Not to be used on ACSR or Wire Rope

Ratchet Cable Cutter - Up to 1000mm²

Use with large single core XLPE and multicore URD cables. This cutter will handle up to 1000mm² single core and 300mm² sector URD cables.

Key features:

- Extremely lightweight at under 3.5kg
- Large cable cutting range



Part No.	Max. blade opening Dia. mm	Max AL Cable mm ²	Max Cu Cable mm ²	Length mm	Weight kg
BCC1000A	65	1000	1000	550	3.5

Note: Not to be used on ACSR or Wire Rope

Ratchet ACSR Cutter

Ratchet ACSR Cutter capable of doing up to 30mm diameter ACSR cables.



Part No.	Max. ACSR O.D. mm	Max. AL & Cu cable mm ²	Max. Soft Steel Bar below SS41 O.D. mm	Length mm	Weight kg
RCCACSR	30	25	10	420	1.6

Compact Cable Cutter - Up to 25mm²

A compact and portable tool designed for cutting cables up to 25mm². Its small size and lightweight construction make it easy to carry and use in tight spaces or on-the-go.

Key features:

- Small design enabling you to carry it anywhere

Part No.	Max. AL & Cu Cable mm ²	Length mm	Weight g
BCC22B	25	160	200

Note: Not to be used on ACSR or Wire Rope



Compact Cable Cutter - Up to 70mm²

With heavy duty forged steel handles, this cutter is compact enough for the tool box but still able to cut a range of smaller copper and aluminium cables up to 70mm².

Key features:

- Compact design
- Sharp heavy duty forged steel jaws

Part No.	Max. AL & Cu Cable mm ²	Length mm	Weight g
BCC70	70	235	500

Note: Not to be used on ACSR or Wire Rope



ACSR Cutter

Specifically designed jaws to cut through ACSR cable, but not limited to just this. Also capable of cutting spring wire, aluminium and copper cable, and steel bar.

Key features:

- Heavy duty hardened jaws
- Aluminium handles to assist with weight reduction

Part No.	Max. ACSR O.D. mm	Max. AL & Cu cable mm ²	Max. Steel Bar O.D. mm	Length mm	Weight kg
BCC210AC	16	150	9	600	2.1



Wire Rope Cutter

Hardened jaws give the ability to cut through steel rod, wire rope and a number of aluminium and copper cable sizes. Aluminium handles reduce weight.

Key features:

- Heavy duty hardened jaws
- Aluminium handles to assist with weight reduction

Part No.	Max. blade opening Dia. mm	Max. AL & Cu cable mm ²	Max. Steel Bar O.D. mm	Max. Wire Rope Dia. mm	Length mm	Weight kg
BCC200AC	21.6	150	9	14	600	2.6

Note: Not to be used on ACSR or Wire Rope



Anti-Voltage Cable Cutters - Fiberglass handle

For cutting cables in potentially hazardous electrical environments, it has an anti-voltage rating of 1000V. Versatile and reliable tool for cutting various types of cables with ease. Strong and lightweight FRP (fibre-reinforced plastic) handles, provide excellent grip and manoeuvrability, reducing user fatigue during prolonged use.

Key features:

- Anti-voltage rating of 1000V
- Fiberglass handles making it light weight
- Can cut a large range of cable sizes



Part No.	Max AL Cable mm ²	Max Cu Cable mm ²	Length mm	Weight kg
BCC150FH	150	150	444	1.3
BCC516FH	500	240	648	2.5

Note: Not to be used on ACSR or Wire Rope

Hand Hydraulic Cable Cutter Head

Robust cable cutter with swivel head, capable of cutting a large range of aluminium, copper and sector URD cables. Ideal if you're out on site without an easily accessible power source.

Key features:

- Fiberglass handle to assist with weight reduction
- 5 Ton output
- Complete with strong carry bag



Part No.	Max. O.D CCP cable	Max. O.D URD cable	Max. O.D Cu conductor	Max. O.D AL conductor	Length mm	Weight kg
HCC85FR	85	50	28	38	695	6

Note: Not to be used on ACSR or Wire Rope

Hydraulic Cable Cutter Head

For precise cutting of large aluminium, copper and sector URD cables. With its robust construction and heavy-duty design, this cutting head can handle a wide range of cable diameters, making it an ideal solution for out on site. To be used with the HPSEP-12, HP35RH and the HP45 hydraulic pumps.

Key features:

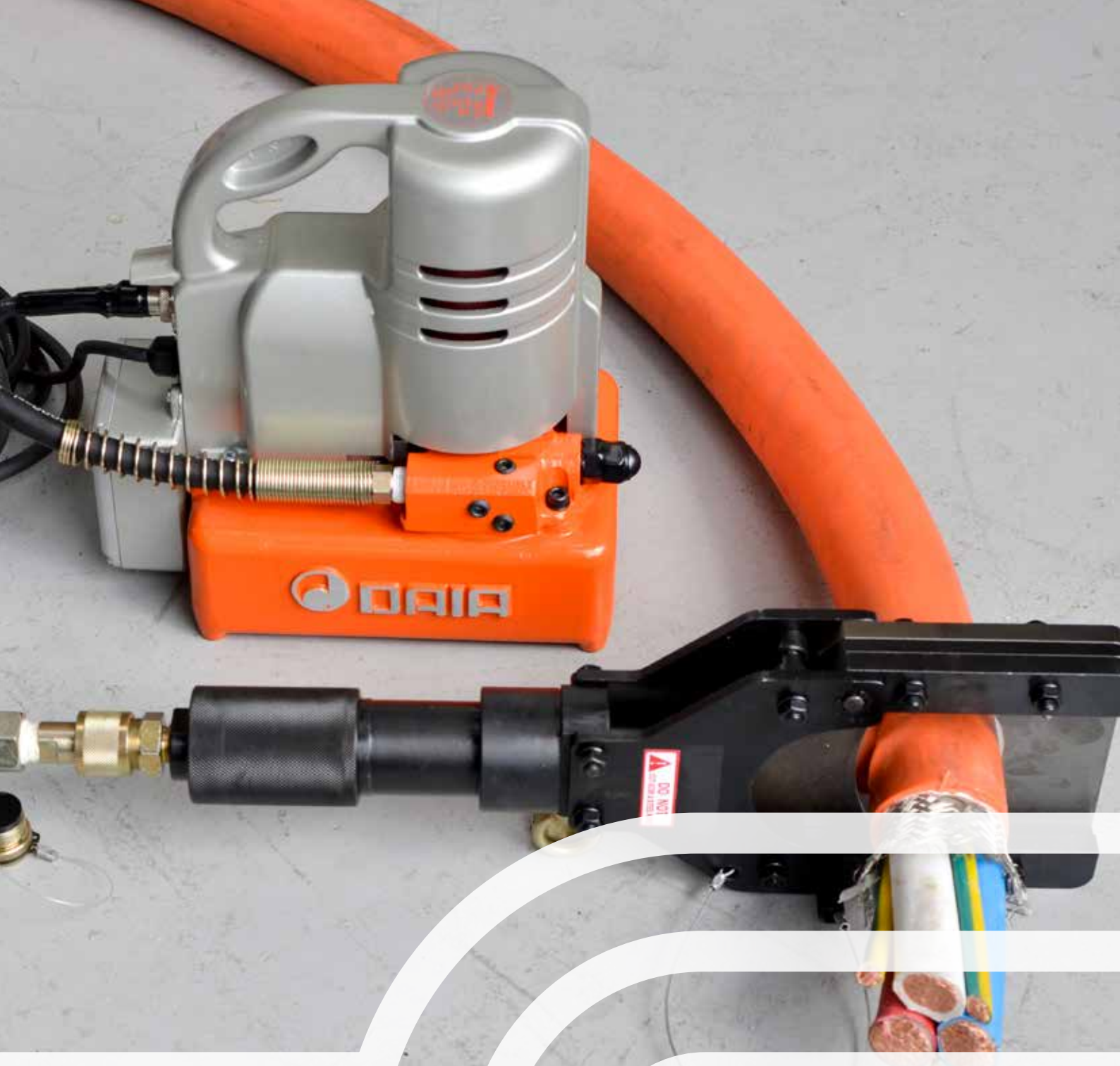
- Complete with strong carry bag
- Large cable cutting capabilities



Part No.	Max. O.D CCP cable	Max. O.D URD cable	Max. O.D Cu conductor	Max. O.D AL conductor	Length mm	Weight kg
HCHT-85	85	50	28	38	456	8

Note: Not to be used on ACSR or Wire Rope.

Larger sizes available on request, please contact the ECL team.



 **ECL**
TOOLING
PRODUCTS

Hydraulic Pumps

HPSEP-12 Compact Hydraulic Pump

Compact size for ease of transport and manoeuvrability. Complete with a 2m hydraulic hose, coupler, hand remote and compatible with a large range of tools.

Key features:

- Compact design to make it easier to transport and manoeuvre
- Hand remote for ease of use and making it safer for the operator
- Compatible for use with a large range of crimp tools, cutters and busbar processors

Please contact the team at ECL if you are interested in:

1. A foam insert heavy duty carry case.
2. Foot switches to operate the pump.



Part No.	Motor	Power Supply	Usable Oil Capacity	Max. Working Pressure	Weight kg
HPSEP-12	0.4kW	230V	1.2 litre	700bar	7.5
HPSEP-12FS	Foot Switch				

HP35RH Compact Light Weight Hydraulic Pump

One of the smallest and lightest hydraulic pumps on the market, the HP35RH is designed for mobile use and features shoulder straps for ease of carrying. The HP35RH delivers a full 700bar pressure and has enough oil capacity to power all ECL crimp and cutter heads models. Pump comes complete with push button remote.

Key features:

- Lightweight and still delivers the full 700 bar pressure
- Can power all our crimp and cutter heads
- Comes with a hand remote and shoulder strap for the pump

Foot switches to operate the pump are available on request.



Part No.	Motor	Power Supply	Dimensions	Usable Oil Capacity	Max. Working Pressure	Weight kg
HP35RH	0.35KW 2000rpm	230V	L325 x W140 x H160mm	0.8 litre	700bar	7.2

HP45 2-Stage High Flow Hydraulic Pump

Compact 2-stage high flow pump providing portability and flexibility for many varied hydraulic tooling applications. Manufactured with an easy carry handle, the pump comes complete with a remote control pendant.

HP45: Hydraulic Pump Single Acting.

HP45DA: Hydraulic Pump Double Acting.

Key features:

- Suitable for our 100T crimp head



Part No.	Dimensions	Motor	Power Supply	Usable Oil Capacity	Max Working Pressure	Weight kg
HP45	L230 x W212 x H341mm	0.45kW	230V	2.0 Litre	1st stage 70 bar, 2nd stage 700bar	17
HP45DA	L230 x W212 x H341mm	0.45kW	230V	2.0 Litre	1st stage 70 bar, 2nd stage 700bar	17

HP700 Hydraulic Hand Pump

Two stage hand pump capable of delivering 700bar for hydraulic crimp and cutter heads. Ideal for sites that don't have a power supply. Includes 2m of hose.

Key features:

- Hand operated yet still enough pressure to power our cutter and crimp heads



Part No.	Length mm	Capacity	Output	Weight kg
HP700	510	900cc	700 bar	9

HPFS700 Hydraulic Foot Pump

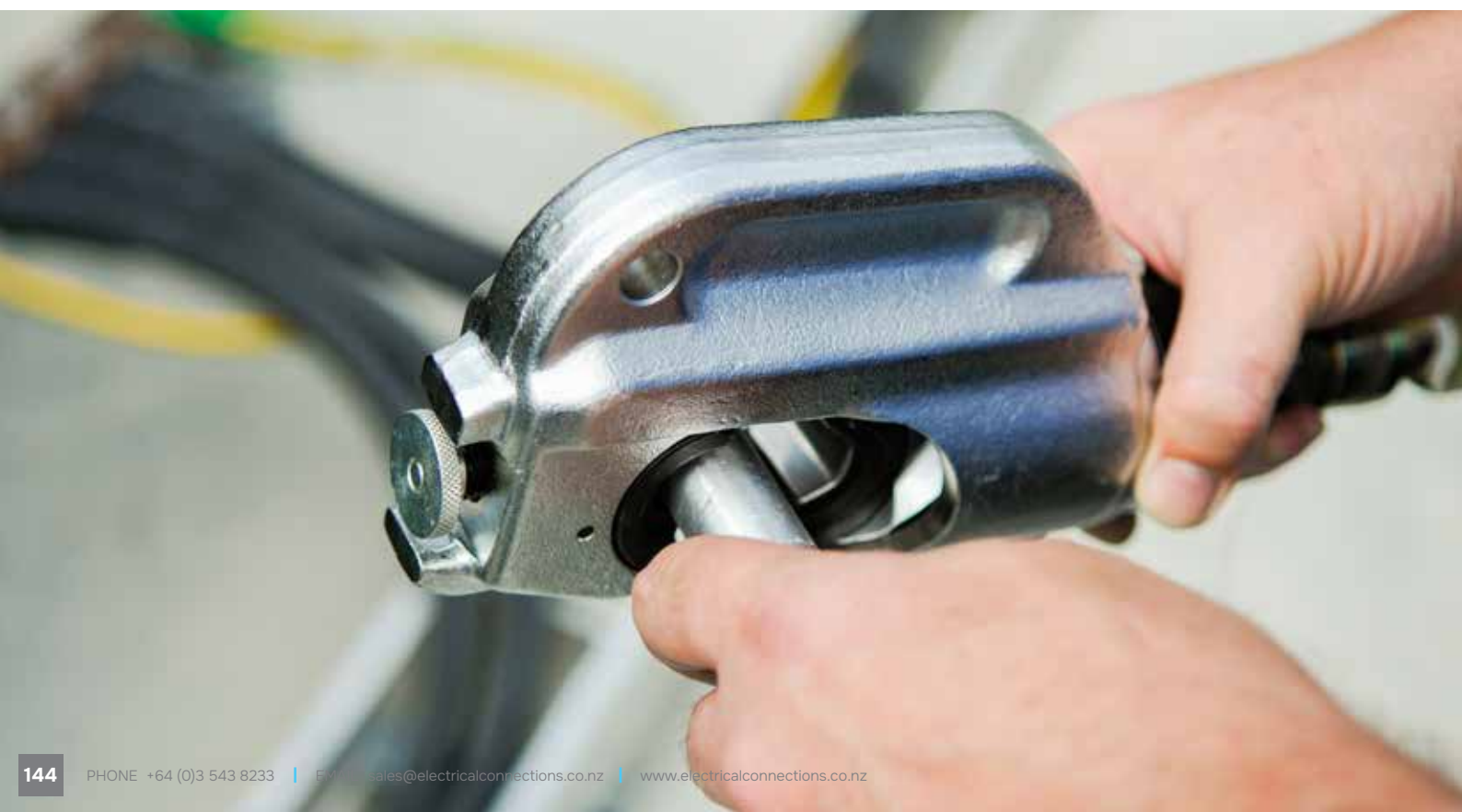
Two stage foot pump capable of delivering 700bar for hydraulic crimp and cutter heads. Comes complete with 2m hose and coupler.

Key features:

- No motor for the pump means it is lightweight and portable
- Foot operated making it ideal when there is no power source available



Part No.	Length mm	Capacity	Output	Weight kg
HPFS700	474	700cc	700 bar	10





**TOOLING
PRODUCTS**

Crimp Tool Hire

Contact ECL if you need to hire a crimper to complete a job.
We offer up to a 30T crimp tool, complete with the dies you require.
To book your slot please contact the ECL team.



 **ECL**
TOOLING
PRODUCTS

Specialised Tooling

Cable Pulling Socks

- For medium load of cable

Part No.	Cable Dia. mm	Breaking Load kg
PS2537	25-37	4,350
PS3750	37-50	7,440
PS5063	50-63	8,390
PS6075	60-75	11,110
PS7588	75-88	11,110

More sizes available on request. Please contact the ECL team.



Cable Pulling Socks c/w Rotating Pulling Eye

- For heavy duty cable
- Rotating head not a swivel

Part No.	Cable Dia. mm	Breaking Load kg
PSKG1015	10-15	2,540
PSKG2537	25-37	5,810
PSKG3750	37-50	7,440
PSKG5063	50-63	12,340
PSKG6375	63-75	14,970

More sizes available on request. Please contact the ECL team.



Pulling Swivels

Swivel Joint Advantages:

- Prevent winding and tangling during pull
- Safety factor of 3:1 for horizontal pull only
- Protect pulling rope
- Secure the screw

Part No.	Safety Load Tonne	Breaking Load Tonne
PSS36	4	12
PSS39	5	15
PSS42	6.7	20
PSS45	8.3	25
PSS52	13.3	40
PSS60	20	50
PSS62	20.6	55



Ratchet Wrench Socket



Part No.	Description
ECRW41	Ratchet Wrench Socket 4 in 1, 10, 12, 16, 20mm

Ratchet Turnbuckle



Part No.	Description
FI-RTDF16	Ratchet Turnbuckle - for use with Temporary Disconnect switches

Conductor Wire Grips

0.5T Wire Grip

Wire Grip Cu Conductor, Covered Conductor,
Steel Rod 1-10mm Dia

Part No.	Safety Load Tonne	Min Cable Dia. mm	Max Cable Dia mm	Weight kg
WG500G	0.5	1	10	0.3



1T Wire Grip

Wire Grip Cu Conductor, Covered Conductor, Steel Rod,
WL: 1T 2.6-15mm Dia

Part No.	Safety Load Tonne	Min Cable Dia. mm	Max Cable Dia mm	Weight kg
WG1000C	1	2.6	15	0.6



2T Wire Grips

For Cu Cable Covered Conductor, Messenger wire

Part No.	Safety Load Tonne	Min Cable Dia. mm	Max Cable Dia. mm	Weight kg
WGS2000CL	2	4	22	1.4
WGS2000LCL	2	16	32	2.6



For Bare AL Cable and ACSR

Part No.	Safety Load Tonne	Min Cable Dia. mm	Max Cable Dia. mm	Weight kg
WGS2000AL	2	4	22	1.4

Note: More sizes available on request, please contact the ECL team.

Ratchet Web Strap Pullers



Part No.	Hooks	Safety Load Tonne	Lever Length mm	Full Length mm	Single Load Tonne	Double Load Tonne	Single Pull mm	Double Pull mm	Weight kg
RWSP1	2	1	370	1,080	-	-	-	-	3.4
RWSP1500/H2	2	1.5	460	1,080	-	-	-	-	3.6
RWSP1500	3	1.5	460	-	1	2	2,820	1,020	3.9

Note: More sizes available on request, please contact the ECL team.

Ratchet Wire Rope Pullers



Part No.	Hooks	Safety Load Tonne	Lever Length mm	Single Load Tonne	Double Load Tonne	Single Pull mm	Double Pull mm	Weight kg
RWRP1500	3	1.5	350	0.75	1.5	2,380	5,300	5.5





 **ECL**
TOOLING
PRODUCTS

Specialised Control Cabinet Tooling

Mobile Punching Tools & Accessories

Sheet metal and stainless steel punches for round, square and rectangular punching. Hydraulic hand punches for the various working situations.



Square, Rectangle Hole Punches

Punches available from 12.7mm up to 138mm



Draw Bolt with Ball Bearing

Ball bearings encapsulated in aluminium rings. Extremely long-life and perfectly protected against soiling



Circular Hole Punches

- Punches available for diameters between 12.7mm up to 63.5mm
- Due to the ball bearing, cabinet manufacturers benefit from 30% force saving



Draw Bolts

High-tensile bolts for the toughest operating conditions

Compact Hydraulic Punches

For use in construction of switchgear and control cabinets - suitable for all hole puncher types

- Precisely-matched overpressure valve
- Ergonomic reinforced handle
- Hard-anodised body
- High-compression cylinder bore surface
- High punching force of 75kN



Compact Punch - Straight

Only weighs 1.45kg



Compact Punch - 90°

Only weighs 1.75kg



Compact Punch - Flex

Only weighs 2kg



Hydraulic Punch Head

- Complete with Quick Coupling, 12 Ton, M19mm
- Capacity - Mild Steel: 3.2mm, Stainless Steel: 1.6mm



Rail & Cable Duct Cutters

- Cut and perforate rails of almost all profiles burr-free with virtually no waste
- Low cutting clearance due to double rail guide
- Clean and safe cuts in wiring ducts

Rail Cutting

- Low cutting clearance with high precision
- Shearing forces from above ensuring the desired section is cut off cleanly and effortlessly

Cable Duct Cutting

- Blade made of hardened tool steel, effortlessly cutting cable ducts and covers up to 125mm wide
- The blade is fixed which means cuts at exactly 90 degree are not problem
- Laser-engraved ruler with metric and inch divisions helping you work precisely

Hole Saws



Carbide-tipped Saws

- Suitable to economically process stainless steel, unalloyed steels, plastics, PVC, aluminium, zinc, gypsum plaster boards and lightweight building boards, as well as asbestos
- Carbide tipping enables repeated re-grinding



Bi-Metal Saw

- High concentricity
- Cutting Depth: 38mm(1-1/2")
- Lateral slots help to remove the core
- Suitable for unalloyed steel (up to 700N/mm²), nonferrous metals, light metals, plastics, gypsum, pulp wood- and plywood boards, lightweight building boards and general wood processing



Busbar Processing



Cutting

Precise and quick cutting of copper bar

Please contact the ECL team for more information



Bending & Punching Stations

Please contact the ECL team for more information

Assembly Tables



Manual Table

This table holds mounting plates with a surface area of up to 1,100 x 1,900 millimeters with a maximum load of 150kg. The mounting plate can be fixed by means of a clamping unit with quick-release fastener, which virtually eliminates the risk of the plate or the control cabinet housing slipping



Electrical Table

With the AMTE 250 from ALFRA, you can adjust the angle of inclination of your mounting table to your individual favourite working position – conveniently due to a battery-operated electric motor. This has another advantage: independent of the power supply system, the assembly table becomes a mobile workstation that can be moved without any problems – for example, to create space in the workshop at short notice. The AMT 250 can hold mounting plates with a surface area of up to 1,100 x 1,900 millimeters at a maximum load of 300kg. It is equipped with four guide rollers, two of them with total fixing. The roller conveyor option enables you to install assembled and often heavy mounting plates in the cabinet without the use of lifting tools. The table is pushed sideways on a roller conveyor together with the pre-wired plate into the cabinet equipped with guide rails.

Please contact the ECL team for more information



Terminal Tooling



End Sleeve Stripping and Crimping

Please contact the ECL team for more information



End Sleeve Crimping for Loose Ferrules

Please contact the ECL team for more information





Best Practice Procedures

Crimping Procedures: Copper

1. Ensure the conductor has been stripped of sufficient insulation length to prevent insulation becoming pinched in the cable lug barrel, or connector barrel.
2. Ensure conductor is visible and flush within the cable lug window, or visible at the end of connector barrel. Adjust insulation strip length if required.
3. Ensure the correct cable lug or connector has been selected for the cable size.
4. Ensure the correct die or jaw position of the crimper has been selected as per cable lug/connector and cable size.
5. Start the crimping process as close to the cable lug palm, or end of connector barrel as practical and work back towards the cable entry.
6. Compress the cable lug barrel, or connector barrel till the die faces meet, and the crimper jaw has fully shut.
7. If the conductor is a fine strand, compress all the barrel length fully. Bellmouth Lugs should be compressed up to the bellmouth only, never onto the bellmouth.
8. If the conductor is a coarse strand, and of non tension type (not overhead powerline) compress all the barrel length fully.



Crimping Procedures: Aluminium

1. Ensure the conductor has been stripped of sufficient insulation length to prevent insulation becoming pinched in the cable lug or connector barrel.
2. Ensure conductor is bottomed out on the barrel end wall.
3. Ensure the correct cable lug or connector has been selected for the cable size.
4. Ensure the correct die size has been selected as per cable lug or connector and cable size.
5. Start the crimping 5mm back from the barrel end wall and work back towards the cable entry.
6. Compress the cable connector or lug barrel till the die faces meet and the crimper jaw has fully shut
7. If the conductor is a fine strand, compress all the barrel length fully.
8. If the conductor is a coarse strand, and of non tension type (not overhead powerline) compress all the barrel length fully.



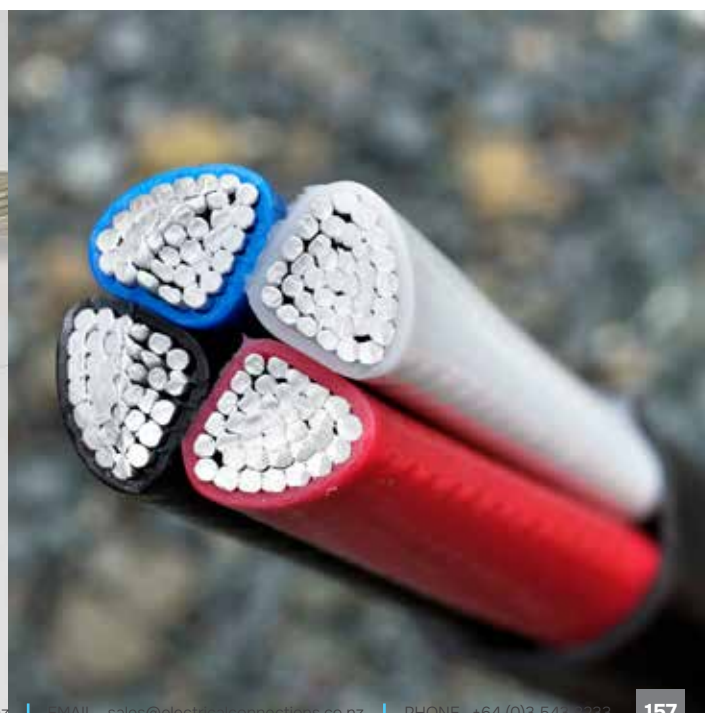
Shearhead Connector Reference Table

1kV Type & 6kV Type

Shearhead Connector			16 - 95	16 - 50	25 - 95	25 - 150	25 - 185	120 - 140
Allen Wrench			-	6				8
Socket Wrench			10	-				
Solid Circular - Cu, AL (re)		AL	16-35	16-50	25-95	25-150	25-185	120-240
		Cu						-
Solid Sector (se)		AL	16-25	16-50	25-95	25-150	25-185	120-240
Circular Solid Strand (rm, rmc)		AL	16-35	16-50	25-95	25-150	35-185	120-240
		Cu						
Sector Solid Strand (sm)		AL	16-25	16-50	25-95	25-150	35-150	120-185
		Cu						

36kV Type

Shearhead Connector	16 - 95		50 - 150			95 - 240			120 - 300		
Centring insert	Black	No Insert	White	Blue	No Insert	Grey	Red	No Insert	Yellow	Green	No Insert
Solid Circular - Cu, AL (re)											
Solid Sector - AL (se)											
Circular Solid Strand-Cu, AL (rm, rmc)											
Sector Solid Strand-Cu, AL (sm)											
	16-50	70-95	50-70	95-120	150	95-120	150-185	240	120-185	240	300
	16-35	50-70	50	70-95	120	95	120-150	185-240	120-150	185-240	300
	25-35	50-70	50	70-95	120	95	120-150	185-240	120-150	185-240	300



Reference Tables

Stranded Aluminium & Copper Cable Details

Metric			Imperial				
Nominal Cross Sectional Area mm²	No. Of Strands/ Wire Diameter mm	Nominal Conductor Dia mm	Nominal Cross Sectional Area		No. Of Strands/Wire Diameter		Nominal Conductor Dia mm
			in²	mm²	in	mm	
1.0	1/1.13	1.13	0.002	0.97	1/0.044	1/1.12	1.12
			0.002	1.25	3/0.029	3/0.737	1.59
1.5	1/1.38	1.38					
			0.003	1.93	3/0.036	3/0.914	1.97
2.5	7/0.67	2.01					
			0.005	2.93	7/0.029	7/0.737	2.21
4.0	7/0.85	2.55					
			0.007	4.52	7/0.036	7/0.914	2.74
6.0	7/1.04	3.12					
			0.010	6.75	7/0.044	7/1.12	3.35
			0.015	9.43	7/0.052	7/1.32	3.96
10.0	7/1.35	4.05					
			0.023	14.28	7/0.064	7/1.63	4.88
16.0*	7/1.70	4.85					
			0.03	18.29	19/0.044	19/1.12	5.59
			0.035	22.65	7/0.080	7/2.03	6.10
25.0*	7/2.14	6.00	0.04	25.50	19/0.052	19/1.32	6.60
35.0*	7/2.65	6.95					
			0.058	58.06	7/0.103	7/2.64	7.92
			0.061	39.65	19/0.064	19/1.63	8.13
50.0*	19/1.89	8.05					
			0.10	65.10	19/0.083	19/2.11	10.50
70.0*	19/2.24	9.75					
			0.12	75.30	37/0.064	37/1.63	11.40
			0.126	139.70	19/0.092	19/2.34	11.68
95.0*	19/2.65	11.37	0.15	95.30	37/0.072	37/1.83	12.80
			0.152	98.60	19/0.101	19/2.57	12.83
120.0*	19/2.94	12.91	0.20	126.70	37/0.083	37/2.11	14.80
150.0*	19/3.28	14.32					
			0.25	159.10	37/0.093	37/2.36	16.50
185.0*	37/2.65	15.95					
			0.30	195.10	37/0.103	37/2.62	18.30
240.0*	37/2.94	18.38					
			0.40	262.20	61/0.093	61/2.36	21.30
300.0*	37/3.28	20.80					
			0.50	321.60	61/0.103	61/2.62	23.50
			0.60	391.10	91/0.093	91/2.36	26.00
400.0*	60/2.94	23.52					
			0.75	479.70	91/0.103	91/2.62	28.80
500.0*	61/3.28	26.55					
630.0*	61/3.70	29.90					
			1.00	669.40	127/0.103	127/2.62	34.00
800.0*	60/4.21	33.10	1.24	800.0	127/0.112	127/2.84	36.92
1000.0*		38.28					

*Compacted

Reference Tables

Conversion Tables for Non-Metric Cable Sizes

British Standard	Metric Equivalent (mm ²)
33	0.051
32	0.059
31	0.068
30	0.078
29	0.094
28	0.011
27	0.014
26	0.016
25	0.02
24	0.025
23	0.029
22	0.04
21	0.052
20	0.066
19	0.81
18	1.17
17	1.59
16	2.08
15	2.63
14	3.24
13	4.29
12	5.48
10	8.3

Imperial Inches ²	Metric Equivalent (mm ²)
0.001	0.657
0.002	0.981
0.002	1.28
0.003	1.97
0.003	2.08
0.005	2.98
0.007	4.6
0.01	6.81
0.015	9.59
0.023	14.5
0.03	18.6
0.04	26
0.06	39.4
0.075	49.9
0.1	66.3
0.12	76.8
0.15	97.2
0.2	129
0.25	162
0.3	199
0.4	267
0.5	328
0.6	399
0.75	489
0.85	557
1	683
1.25	807
1.5	1050

American Wire Gauge (AWG)	Metric Equivalent (mm ²)	American Wire Gauge (AWG)	Metric Equivalent (mm ²)
30	0.051	250	127
29	0.065	300	152
28	0.081	350	177
27	0.102	400	203
26	0.128	450	228
25	0.163	500	253
24	0.205	550	279
23	0.259	600	304
22	0.324	650	329
21	0.412	700	355
20	0.519	750	380
19	0.652	800	405
18	0.826	850	431
17	1.04	900	456
16	1.31	950	481
15	1.65	1000	507
14	2.08	1100	557
13	2.63	1200	608
12	3.31	1300	659
11	4.17	1400	709
10	5.26	1500	760
9	6.63	1600	811
8	8.37	1700	861
7	10.6	1800	912
6	13.3	1900	963
5	16.8	2000	1010

The reference tables provided in this catalogue are based on industry averages and norms. While we strive to ensure their accuracy, these tables should not be solely relied upon for your purchasing decisions. We strongly recommend verifying all specifications and details with the relevant suppliers' spec sheets to ensure they meet your specific requirements. Electrical Connections Limited assumes no responsibility for any discrepancies or errors that may arise from the use of these reference tables.



Reference Tables

Named Conductors - Quick Reference

Conductor Code Name	Conductor Type	No. of Strands/Wire Diameter	OD (mm)
Argon	AAAC	7/1.75	5.25
Bee	AAC	7/4.90	14.7
Beetle	AAC	19/2.66	13.3
Boron	AAAC	7/2.25	6.75
Butterfly	AAC	19/4.64	23.25
Caterpillar	AAC	19/3.50	17.7
Centipede	AAC	37/3.78	26.46
Chafer	AAC	19/3.78	18.9
Chlorine	AAAC	7/2.50	7.5
Chromium	AAAC	7/2.75	8.25
Chukar	ACSR	84/3.69 19/2.21	40.69
Cicada	AAC	37/4.65	32.54
Cockroach	AAC	19/4.21	21.1
Coyote	ACSR	26/2.54-7/1.91	15.89
Cricket	AAC	7/5.35	16.1
Dingo	ACSR	18/3.35-1/3.35	16.75
Dog	ACSR	6/4.72-7/1.57	14.15
Ferret	ACSR	6/3.00-1/3.00	9
Flounder	SBC	-	6.7
Flourine	AAAC	7/3.00	9
Fly	AAC	7/3.40	10.2
Fox	ACSR	6/2.80-1/2.80	8.37
Gnat	AAC	7/2.05	6.62
Goat	ACSR	30/3.71-7/3.71	25.96
Gopher	ACSR	6/2.36-1/2.36	7.08
Grasshopper	AAC	7/3.91	11.7
Hake	SBC	-	10.41
Hare	ACSR	6/4.72-1/4.72	14.16
Helium	AAAC	7/3.75	11.3
Hornet	AAC	19/3.25	16.25
Huhu	AAC	37/2.52	17.6
Hydrogen	AAAC	7/4.50	13.5
Hyena	ACSR	7/4.39-7/1.93	14.6
Iodine	AAAC	7/4.75	14.3
Jaguar	ACSR	18/3.86-1/3.86	19.3
Krypton	AAAC	19/3.25	16.3

Conductor Code Name	Conductor Type	No. of Strands/Wire Diameter	OD (mm)
Kutu	AAC	7/3.00	9
Ladybird	AAC	7/2.80	8.4
Lamprey	SBC	-	8.97
Lutelium	AAAC	19/3.50	17.5
Magpie	ACSR	3/2.11-4/2.11	6.33
Mata	AAC	19/3.86	19.3
Mink	ACSR	6/3.66-1/3.66	10.98
Moa	ACSR	76/3.72-7/2.89	38.4
Moka	AAC	7/4.09	12.26
Mullet	SBC	-	4.9
Namu	AAC	7/2.11	6.33
Neon	AAAC	19/3.75	18.8
Nitrogen	AAAC	37/3.00	21
Nobelium	AAAC	37/3.25	22.8
Oxygen	AAAC	19/4.75	23.8
Petrel	ACSR	12/2.34-7/2.34	11.7
Phosphorus	AAAC	37/3.75	26.3
Poko	AAC	7/2.36	7.08
Rabbit	ACSR	6/3.35-1/3.35	10.05
Raccoon	ACSR	6/4.09-1/4.09	12.3
Rango	AAC	7/3.66	10.98
Selenium	AAAC	61/3.25	29.3
Silicon	AAAC	61/3.50	31.5
Spider	AAC	19/3.40	19.94
Squirrel	ACSR	6/2.10-1/2.10	6.33
Sulpher	AAAC	61/3.75	33.8
Swan	ACSR	6/2.12-1/2.12	6.36
Tiger	ACSR	30/2.36-7/2.36	16.52
Wasp	AAC	7/4.40	13.2
Weke	AAC	7/4.72	14.16
Weta	AAC	19/3.35	16.75
Waxwing	ACSR	18/3.10-1/3.10	15.47
Wolf	ACSR	30/2.60-7/2.60	18.13
Xenon	AAAC	91/4.50	49.5
Zebra	ACSR	54/3.18-7/3.18	28.62

Steel Cored Aluminium Conductor (ACSR)

Conductor Code Name	Conductor					Equivalent Electrical Areas		Calculated Min Breaking Load kN
	Total Cross Sectional Area (mm²)	Nom Overall Diameter	Aluminium Nominal Area (Mm²)	Stranding (No./Mm)	Steel Stranding (No./Mm)	Aluminium mm²	Copper mm²	
Mole	12.4	4.5	10.6	6/1.50	1/1.50	10.6	6.5	4.1
Squirrel	24.5	6.3	21	6/2.11	1/2.11	21	12.8	7.9
Gopher	30.6	7.1	26.2	6/2.36	1/2.36	26.2	16	9.6
Ferret	49.5	9	42.4	6/3.0	1/3.0	42.4	25.9	15.2
Rabbit	61.7	10.1	52.9	6/3.35	1/3.35	52.9	32.2	18.4
Mink	73.6	11	63.2	6/3.66	1/3.66	63.1	38.5	21.8
Racoon	92.4	12.3	79.1	6/4.10	1/4.10	79.2	48.3	27.2
Dog	118.5	14.2	105	6/4.72	7/1.57	105	64.5	32.7
Dingo	167.5	16.8	158.7	18/3.35	1/3.35	158.7	97.9	35.7
Wolf	194.9	18.1	158	30/2.59	7/2.59	158	96.8	69.2
Jaguar	222.3	19.3	210.6	18/3.86	1/3.86	210.6	128.4	47
Goat	400	26	324.3	30/3.71	7/3.71	324.3	197.7	136
Zebra	484.5	28.6	428.9	54/3.18	7/3.18	428.9	261.5	132

Reference Tables

Common Conductors (AAAC)

Conductor Code Name	Conductor			Equivalent Electrical Areas		Calculated Min Breaking Load
	Actual Area mm ²	No of Strands/Wire Diameter	Nom. Overall Diameter mm ²	Aluminium mm ²	Copper mm ²	
Argon	17	7/1.75	5.3	16.1	10.3	4
Boron	28	7/2.25	6.8	26.5	17	6.6
Chlorine	34	7/2.50	7.5	32.8	21	8.2
Chromium	42	7/2.75	8.3	39.7	25.4	9.9
Fluorine	50	7/3.00	9	47.2	30.2	11.8
Helium	77	7/3.75	11.3	73.7	47.1	17.6
Hydrogen	111	7/4.50	13.5	106	67.9	24.3
Iodine	124	7/4.75	14.3	118	75.6	27.1
Krypton	158	19/3.25	16.3	150	94.2	37.4
Lutetium	183	19/3.50	17.5	173	109.5	41.7
Neon	210	19/3.75	18.8	199	124.8	47.8
Nitrogen	262	37/3.00	21	248	155.6	62.2
Nobellium	307	37/3.25	22.8	291	182.5	72.8
Oxygen	337	19/4.75	23.8	320	200.7	73.6
Phosphorus	409	37/3.75	26.3	387	242.8	93.1
Selenium	506	61/3.25	29.3	478	299.9	114
Silicon	587	61/3.50	31.5	555	348.2	127
Sulphur	673	61/3.75	33.8	636	399	145

Smooth Body Conductors

Conductor Code Name	Conductor					Equivalent Electrical Areas		Calculated Min Breaking Load
	Total Cross Sectional Area (mm²)	Nom Overall Diameter	Aluminium		Steel	Aluminium mm²	Copper mm²	
Nominal Area (Mm²)			Stranding (No./Mm)	Stranding (No./Mm)	kN			
Fish								
Hake	78.64	10.4				60	40	23.8
Mullet	17.66	4.9				10	8	7.67
Pollock	28.23	6.2	20	6/2.59	1/3.00	20	13	14.5
Whiting	35.46	6.9	25	6/2.59	1/3.35	25	16	14.8
Lamprey	59.51	9	40	6/3.28	1/4.24	40	26	23.1
Herring	20.36	5.3				10	8	10.7
Flounder	32.38	6.7	20	6/2.31	1/3.78	20	13	16.4

All Aluminium Conductors (AAC)

Conductor Code Name	Conductor			Equivalent Electrical Areas		Calculated Min Breaking Load
	Actual Area (mm ²)	Nom Overall Diameter	Aluminium Nominal Overall Dia (mm)	Aluminium mm ²	Copper mm ²	
Insects						kN
Namu	24.4	7/2.11	6.3	24.4	14.9	4
Gnat	26.8	7/2.21	6.6	26.8	16.1	4.6
Poko	30.7	7/2.36	7.1	30.7	18.7	5.1
Ladybird	42.8	7/2.79	8.4	42.8	25.8	6.9
Kutu	49.4	7/3.00	9	49.4	30.1	7.9
Fly	63.55	7/3.40	10.2	63.6	38.8	9.9
Rango	73.5	7/3.66	11	73.5	44.9	11.3
Grasshopper	84.1	7/3.91	11.7	84.1	51.6	12.8
Wasp	106	7/4.39	13.2	106	64.5	16
Beetle	108.6	19/2.67	13.4	108.6	64.5	17.4
Weke	122.4	7/4.72	14.2	122.4	75	18.5
Bee	132	7/4.90	14.7	132	80.5	21.12
Cricket	157.9	7/3.56	16.1	157.9	96.8	23.9
Weka	167.7	19/3.35	16.8	167.7	100	26.2
Chafer	213.2	19/3.78	18.9	213.2	129	32.4
Mata	222.4	19/3.86	19.3	222.4	140	33.8
Cockroach	265.7	19/4.22	21.1	265.7	161	40
Butterfly	322.7	19/4.65	23.3	322.7	194	49
Centipede	415.2	37/3.78	26.5	415.2	251	63
Maybug	486.9	37/4.09	28.6	486.9	290	74
Cicada	628.6	37/4.65	32.6	628.6	387	95





AUCKLAND | TAURANGA | NELSON | CHRISTCHURCH | SYDNEY | BRISBANE

HEAD OFFICE:
9 Tokomaru Place, Stoke, Nelson, 7011
New Zealand

FREE PHONE 0800 352666
PHONE +64 (0)3 543 8233
sales@electricalconnections.co.nz
www.electricalconnections.co.nz

