

power & utility

power & utility



CATALOG

about us

CEMBRE is a **leading company** in Italy and Europe **in the design and manufacture of systems for electrical connection and industrial marking**. Its products are used in various sectors, including power distribution via overhead and underground lines, earthing networks, secondary substations, and control panels.

CEMBRE's headquarters in Italy serves as the company's **nerve center, where** technical, manufacturing, commercial, and administrative **projects** are developed. It is here that **market-specific solutions**—including those for power utilities—are created, ranging from conductor preparation tools, connectors, and compression tools to cable glands and marking systems.

A highly qualified team is constantly engaged in the research and development of innovative solutions—many of which are patented—and assists customers in selecting the solutions best suited to their specific application needs.



MT/BT



DISTRIBUTION VIA AIRLINES



- Cable lugs | Uninsulated | For copper cables
- Cable lugs | Uninsulated | For aluminum cables
- Cable lugs | Uninsulated | Full traction connectors
- Crimping tools | Mechanical crimping hydraulic tools, heads and pedal units
- Crimping tools | Crimping battery-powered hydraulic tools
- Cable and wire rope cutters | Mechanical tools
- Cable and wire rope cutters | Manual wire rope cutters and heads
- Cable and wire rope cutters | Battery-powered hydraulic wire rope cutters
- Wire and cable stripping tools | Mechanical tools
- Pumps for hydraulic heads | Battery-powered pumps
- Pumps for hydraulic heads | Pedal-operated pumps



DISTRIBUTION VIA UNDERGROUND CABLES



- Cable lugs | Uninsulated | For aluminum cables
- Crimping tools | Crimping battery-powered hydraulic tools
- Crimping tools | Mechanical crimping hydraulic tools, heads and pedal units
- Pumps for hydraulic heads | Battery-powered pumps
- Pumps for hydraulic heads | Pedal-operated pumps



SAFE CUTTING OF UNDERGROUND MEDIUM-VOLTAGE CABLES



- Pumps for hydraulic heads | Battery-powered pumps
- Pumps for hydraulic heads | Accessories
- Cable and wire rope cutters | Battery-powered hydraulic cable cutters



SEALING SYSTEMS FOR ELECTRIC METERS



- Wiring accessories
- Seals



SECONDARY CABINS



- Cable lugs | Uninsulated | For aluminum cables
- Crimping tools | Crimping battery-powered hydraulic tools
- Crimping tools | Mechanical crimping hydraulic tools, heads and pedal units
- Pumps for hydraulic heads | Battery-powered pumps
- Pumps for hydraulic heads | Pedal-operated pumps
- Cable and wire rope cutters | Mechanical tools
- Cable and wire rope cutters | Manual wire rope cutters and heads
- Cable and wire rope cutters | Battery-powered hydraulic wire rope cutters



INSTALLATION AND MAINTENANCE OF CONTROL PANELS AND CABINETS



- Wiring accessories | Cable ties
- Wiring accessories | Cable joints
- Wiring accessories | Heat shrink tubes
- Terminal blocks and distribution blocks | Terminal blocks
- Cable lugs | Pre-insulated | Cable electrical connectors
- Cable lugs | Pre-insulated | Connectors
- Cable lugs | Pre-insulated | Tube terminals
- Professional equipment | Accessories for drilling
- Professional equipment | Containers
- Professional equipment | Scissors
- Professional equipment | Screwdrivers, pliers, wire cutters and spanners
- Professional equipment | Professional tools kit
- Professional equipment | Portable LED lights
- Professional equipment | Measurement instruments
- Crimping tools | Mechanical tools
- Crimping tools | Crimping battery-powered hydraulic tools
- Crimping tools | Mechanical crimping hydraulic tools, heads and pedal units
- Crimping tools | Dies for mechanical tools
- Pumps for hydraulic heads | Battery-powered pumps
- Pumps for hydraulic heads | Pedal-operated pumps
- Punching tools | Punch heads and accessories for drilling
- Punching tools | Accessories for sheet metal punching

Explore the complete CEMBRE range in the general catalogue



AA/AT



ENERGY DISTRIBUTION



- Pumps for hydraulic heads | Battery-powered pumps
- Pumps for hydraulic heads | Pedal-operated pumps
- Cable and wire rope cutters | Manual wire rope cutters and heads
- Cable and wire rope cutters | Battery-powered hydraulic wire rope cutters



GROUNDING SYSTEMS



- Cable lugs | Uninsulated | Terminals and connectors with mechanical tightening
- Cable lugs | Uninsulated | Sleeve connectors
- Cable lugs | Uninsulated | For copper cables
- Crimping tools | Mechanical tools
- Crimping tools | Crimping battery-powered hydraulic tools
- Crimping tools | Mechanical crimping hydraulic tools, heads and pedal units
- Crimping tools | Dies for mechanical tools

CABLE GLANDS



CABLE GLANDS



- Plastic | IP68 cable glands
- Brass | IP68 cable glands

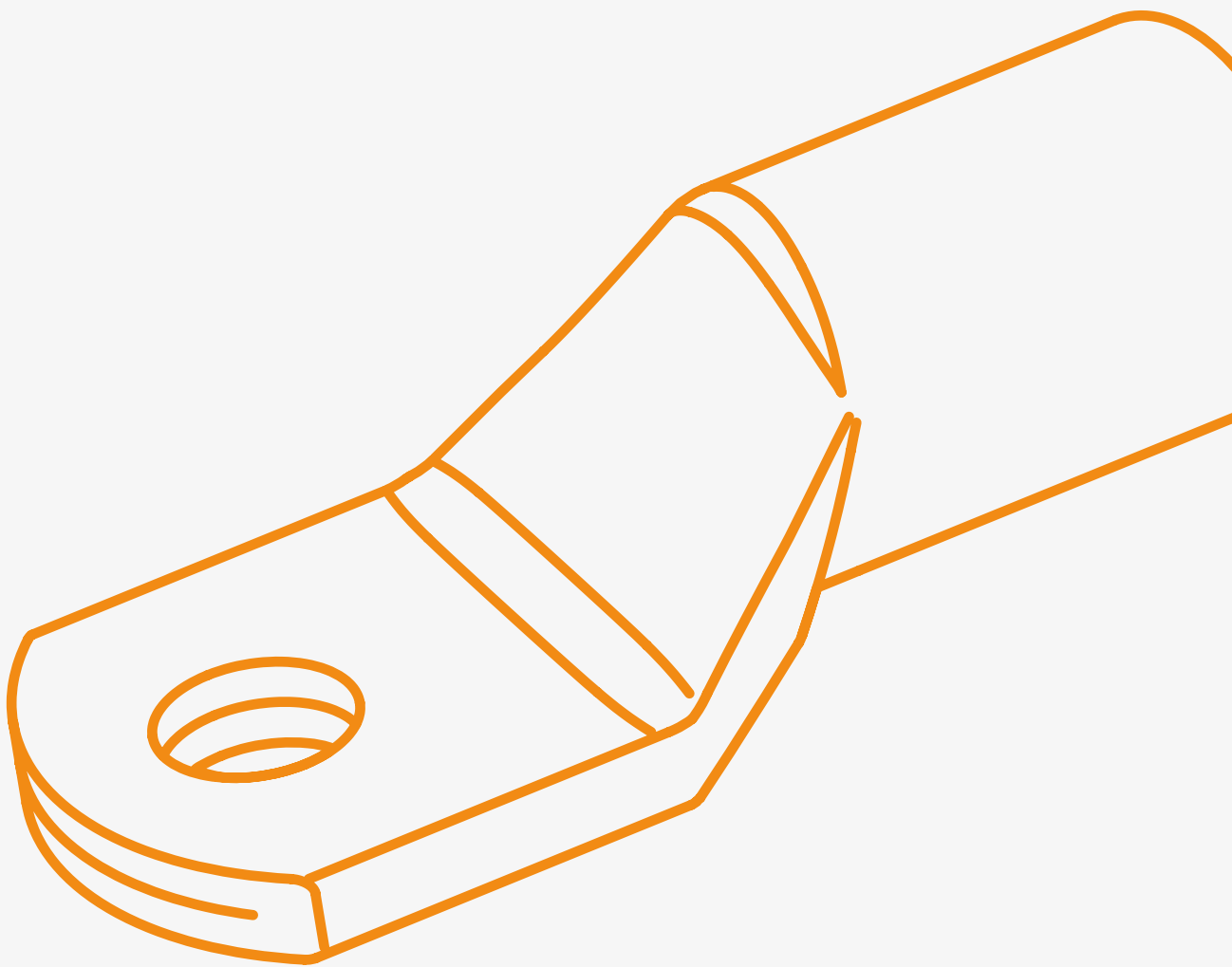
MARKING



MARKING



- Thermal transfer on sheets | Printers, spare parts and accessories
- Thermal transfer on roll | Printers, spare parts and accessories
- Aluminium plates



CABLE LUGS FOR COPPER CABLES

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CABLE LUGS, NON-INSULATED

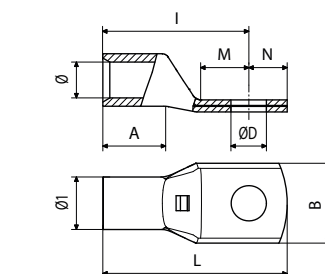
FOR COPPER CABLES

A-M

RING TERMINAL, FOR COPPER CONDUCTORS



The **cable lugs of the A-M series** enable **reliable connections on copper conductors**. They are manufactured from **high-purity electrolytic copper tube** and undergo **annealing and electrolytic tin-plating processes** to facilitate



crimping and increase resistance to mechanical stress. The **barrel** features a **chamfer to facilitate conductor insertion** and an **inspection hole to verify correct conductor positioning**. The **A-M cable lugs** are **cULus certified**.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Spy hole	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]		Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded													
A03-M3	0.25÷1.5	0.25÷1.5	M3	7	1.8	3.3	3.2	6	6	16	12.5	3.5	4.5		100/5000
A03-M3.5	0.25÷1.5	0.25÷1.5	M3.5	7	1.8	3.3	3.7	6.5	6	16	12.5	3.5	4.5		100/5000
A03-M4	0.25÷1.5	0.25÷1.5	M4	7	1.8	3.3	4.3	6.5	6	17	13	4	5		100/5000
A03-M5	0.25÷1.5	0.25÷1.5	M5	7	1.8	3.3	5.3	7.5	6	18	13.5	4.5	5.5		100/5000
A03-M6	0.25÷1.5	0.25÷1.5	M6	7	1.8	3.3	6.4	9	6	19	14	5	6		100/5000
A06-M3	1.5÷2.5	1.5÷2.5	M3	7	2.4	4	3.2	6	6	17	13.5	3.5	4.5		100/4000
A06-M3.5	1.5÷2.5	1.5÷2.5	M3.5	7	2.4	4	3.7	6.5	6	17	13.5	3.5	4.5		100/4000
A06-M4	1.5÷2.5	1.5÷2.5	M4	7	2.4	4	4.3	7.5	6	18	14	4	5		100/4000
A06-M5	1.5÷2.5	1.5÷2.5	M5	7	2.4	4	5.3	8.5	6	19	14.5	4.5	5.5		100/4000
A06-M6	1.5÷2.5	1.5÷2.5	M6	7	2.4	4	6.4	9	6	20	15	5	6		100/4000
A06-M8	1.5÷2.5	1.5÷2.5	M8	7	2.4	4	8.4	12	6	26	18	8	9		100/2500
A1-M3	4÷6	4÷6	M3	9	3.6	5.25	3.2	7.5	8	20.5	17	3.5	4.5	486A-486B	100/2000
A1-M3.5	4÷6	4÷6	M3.5	9	3.6	5.25	3.7	7.5	8	20.5	17	3.5	4.5	486A-486B	100/2000
A1-M4	4÷6	4÷6	M4	9	3.6	5.25	4.3	8	8	21.5	17.5	4	5	486A-486B	100/2000
A1-M5	4÷6	4÷6	M5	9	3.6	5.25	5.3	9	8	25	19	6	6.5	486A-486B	100/2000
A1-M6	4÷6	4÷6	M6	9	3.6	5.25	6.4	11	8	25.5	19.5	6	7	486A-486B	100/1500
A1-M8	4÷6	4÷6	M8	9	3.6	5.25	8.4	14	8	29.5	21.5	8	9	486A-486B	100/1500
A1-M10	4÷6	4÷6	M10	9	3.6	5.25	10.5	16.5	8	33.5	23.5	10	11	486A-486B	100/1000
A2-M4	10	10	M4	9	4.6	6.8	4.3	10	8	22.5	18.5	4	5	486A-486B	100/1500
A2-M5	10	10	M5	9	4.6	6.8	5.3	10	8	26	20	6	6.5	486A-486B	100/1000
A2-M6	10	10	M6	9	4.6	6.8	6.4	11	8	26.5	20.5	6	7	486A-486B	100/1000
A2-M8	10	10	M8	9	4.6	6.8	8.4	15	8	30.5	22.5	8	9	486A-486B	100/1000
A2-M10	10	10	M10	9	4.6	6.8	10.5	18	8	34.5	24.5	10	11	486A-486B	100/500
A2-M12	10	10	M12	9	4.6	6.8	13.2	19	8	39.5	27.5	12	14	486A-486B	100/500
A3-M4	16	16	M4	13	5.8	7.9	4.3	11.5	11.5	25.5	21.5	4	5	486A-486B	100/1000
A3-M5	16	16	M5	13	5.8	7.9	5.3	11.5	11.5	29	23	6	6.5	486A-486B	100/1000
A3-M6	16	16	M6	13	5.8	7.9	6.4	11.5	11.5	29.5	23.5	6	7	486A-486B	100/1000
A3-M8	16	16	M8	13	5.8	7.9	8.4	15	11.5	33.5	25.5	8	9	486A-486B	100/500
A3-M10	16	16	M10	13	5.8	7.9	10.5	18	11.5	37.5	27.5	10	11	486A-486B	100/500
A3-M12	16	16	M12	13	5.8	7.9	13.2	20	11.5	44	32	12	14	486A-486B	100/500
A5-M4	25	25	M4	12	7	9.3	4.3	14	10.5	28	24	4	5	486A-486B	100/500
A5-M5	25	25	M5	12	7	9.3	5.3	14	10.5	31.5	25.5	6	6.5	486A-486B	100/500
A5-M6	25	25	M6	12	7	9.3	6.4	14	10.5	32	26	6	7	486A-486B	100/500
A5-M8	25	25	M8	12	7	9.3	8.4	15	10.5	36	28	8	9	486A-486B	100/500
A5-M10	25	25	M10	12	7	9.3	10.5	18	10.5	40	30	10	11	486A-486B	100/500
A5-M12	25	25	M12	12	7	9.3	13.2	21	10.5	45	33	12	14	486A-486B	100/400
A7-M5	25÷35	35	M5	15	8.9	11.7	5.3	17	13.2	34	28	6	6.5	486A-486B	100/400
A7-M6	25÷35	35	M6	15	8.9	11.7	6.4	17	13.2	34.5	28.5	6	7	486A-486B	100/400
A7-M8	25÷35	35	M8	15	8.9	11.7	8.4	17	13	38.5	30.5	8	9	486A-486B	100/400
A7-M10	25÷35	35	M10	15	8.9	11.7	10.5	19	13	42.5	32.5	10	11	486A-486B	100/300
A7-M12	25÷35	35	M12	15	8.9	11.7	13.2	21	13	47.5	35.5	12	14	486A-486B	50/200

TYPE	Range of cable cross section [mm ²]		Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PC]
	Flexible	Low stranded													
A10-M6	35÷50	50	M6	19	10	13	6.4	19	16.5	38.5	31.5	7	8	486A-486B	50/200
A10-M8	35÷50	50	M8	19	10	13	8.4	19	16.5	40.5	32.5	8	9	486A-486B	50/200
A10-M10	35÷50	50	M10	19	10	13	10.5	20	16.5	44.5	35	9.5	11.5	486A-486B	50/200
A10-M12	35÷50	50	M12	19	10	13	13.2	21	16.5	47.5	35.5	12	12	486A-486B	50/200
A10-M14	35÷50	50	M14	19	10	13	15	25	16.5	55.5	41.5	14	16	486A-486B	50/200
A10-M16	35÷50	50	M16	19	10	13	17	26	16.5	59.5	43.5	16	18	486A-486B	50/100
A14-M6	50÷70	70	M6	20	11.3	14.6	6.4	21	18	44	37	7	8	486A-486B	50/200
A14-M8	50÷70	70	M8	20	11.3	14.6	8.4	21	18	46	38	8	9	486A-486B	50/200
A14-M10	50÷70	70	M10	20	11.3	14.6	10.5	21	18	50	40	10	11	486A-486B	50/200
A14-M12	50÷70	70	M12	20	11.3	14.6	13.2	22	18	55	43	12	14	486A-486B	50/150
A14-M14	50÷70	70	M14	20	11.3	14.6	15	25	18	59	45	14	16	486A-486B	50/100
A14-M16	50÷70	70	M16	20	11.3	14.6	17	26	18	63	47	16	18	486A-486B	50/100
A19-M6	70÷95	95	M6	25	13.5	17.5	6.4	25	22.5	50.5	43.5	7	8	486A-486B	25/100
A19-M8	70÷95	95	M8	25	13.5	17.5	8.4	25	22.5	52.5	44.5	8	9	486A-486B	25/100
A19-M10	70÷95	95	M10	25	13.5	17.5	10.5	25	22.5	56.5	46.5	10	11	486A-486B	25/100
A19-M12	70÷95	95	M12	25	13.5	17.5	13.2	25	22.5	61.5	49.5	12	14	486A-486B	25/100
A19-M14	70÷95	95	M14	25	13.5	17.5	15	25	22.5	65.5	51.5	14	16	486A-486B	25/100
A19-M16	70÷95	95	M16	25	13.5	17.5	17	27	22.5	69.5	53.5	16	18	486A-486B	25/50
A19-M20	70÷95	95	M20	25	13.5	17.5	21	29.5	22.5	77.5	57.5	20	22	486A-486B	25/50
A24-M8	95÷120	120	M8	27	15.2	19.6	8.4	28.5	24	54	46	8	9	486A-486B	25/75
A24-M10	95÷120	120	M10	27	15.2	19.6	10.5	28.5	24	58	48	10	11	486A-486B	25/75
A24-M12	95÷120	120	M12	27	15.2	19.6	13.2	28.5	24	63	51	12	14	486A-486B	25/75
A24-M14	95÷120	120	M14	27	15.2	19.6	15	28.5	24	67	53	14	16	486A-486B	25/50
A24-M16	95÷120	120	M16	27	15.2	19.6	17	28.5	24	71	55	16	18	486A-486B	25/50
A24-M20	95÷120	120	M20	27	15.2	19.6	21	30	24	79	59	20	22	486A-486B	25/50
A30-M8	120÷150	150	M8	30	16.7	21.5	8.4	31.5	26.5	69	58	11	13	486A-486B	25/50
A30-M10	120÷150	150	M10	30	16.7	21.5	10.5	31.5	26.5	69	58	11	13	486A-486B	25/50
A30-M12	120÷150	150	M12	30	16.7	21.5	13.2	31.5	26.5	75	61	14	16	486A-486B	25/50
A30-M14	120÷150	150	M14	30	16.7	21.5	15	31.5	26.5	79	63	16	18	486A-486B	25/50
A30-M16	120÷150	150	M16	30	16.7	21.5	17	31.5	26.5	81	64	17	19	486A-486B	25/50
A30-M20	120÷150	150	M20	30	16.7	21.5	21	31.5	26.5	87	67	20	22	486A-486B	25/50
A37-M8	150÷185	185	M8	32	19.2	24.4	8.4	35.5	29	76	65	11	13	486A-486B	15/30
A37-M10	150÷185	185	M10	32	19.2	24.4	10.5	35.5	29	76	65	11	13	486A-486B	15/30
A37-M12	150÷185	185	M12	32	19.2	24.4	13.2	35.5	29	82	68	14	16	486A-486B	15/30
A37-M14	150÷185	185	M14	32	19.2	24.4	15	35.5	29	86	70	16	18	486A-486B	15/30
A37-M16	150÷185	185	M16	32	19.2	24.4	17	35.5	29	88	71	17	19	486A-486B	15/30
A37-M20	150÷185	185	M20	32	19.2	24.4	21	35.5	29	94	74	20	22	486A-486B	15/30
A48-M8	185÷240	240	M8	40	21.1	27.2	8.4	39	36	77.5	66.5	11	13	486A-486B	10/20
A48-M10	185÷240	240	M10	40	21.1	27.2	10.5	39	36	77.5	66.5	11	13	486A-486B	10/20
A48-M12	185÷240	240	M12	40	21.1	27.2	13.2	39	36	79.5	67.5	12	14	486A-486B	10/20
A48-M14	185÷240	240	M14	37	21.1	27.2	15	39	33	92	76	16	18	486A-486B	10/20
A48-M16	185÷240	240	M16	37	21.1	27.2	17	39	33	94	77	17	19	486A-486B	10/20
A48-M20	185÷240	240	M20	37	21.1	27.2	21	39	33	100	80	20	22	486A-486B	10/20
A60-M10	240÷300	300	M10	44	23.7	30.6	10.5	44	40	96	85	11	20	486A-486B	10/20
A60-M12	240÷300	300	M12	44	23.7	30.6	13.2	44	40	99	85	14	20	486A-486B	10/20
A60-M14	240÷300	300	M14	44	23.7	30.6	15	44	40	103	87	16	22	486A-486B	10/20
A60-M16	240÷300	300	M16	44	23.7	30.6	17	44	40	106	87	19	22	486A-486B	10/20
A60-M20	240÷300	300	M20	44	23.7	30.6	21	44	40	112	89	23	24	486A-486B	10/20
A80-M12	300÷400	400	M12	47	27	35	13.2	51	42	113	94	19	22	486A-486B	5/15
A80-M14	300÷400	400	M14	47	27	35	15	51	42	113	94	19	22	486A-486B	5/15
A80-M16	300÷400	400	M16	47	27	35	17	51	42	113	94	19	22	486A-486B	5/15
A80-M20	300÷400	400	M20	47	27	35	21	51	42	119	96	23	24	486A-486B	5/15
A100-M16	400÷500	500	M16	48	30.3	39.5	17	56.5	43.5	117	98	19	22	486A-486B	1/10
A100-M20	400÷500	500	M20	48	30.3	39.5	21	56.5	43.5	123	100	23	24	486A-486B	1/10
A120-M16	500÷630	630	M16	64	33.4	42.6	17	61.6	58	128	109	19	22		1/9
A120-M20	500÷630	630	M20	64	33.4	42.6	21	61.6	58	134	111	23	24		1/9
A160-M16	630	800	M16	63	38	50	17	72	57	141	122	19	24		1/5
A160-M20	630	800	M20	63	38	50	21	72	57	145	122	23	24		1/6
A200-M16	800	1000	M16	72	44	56	17	82	65	158	139	19	24		1/5
A200-M20	800	1000	M20	72	44	56	21	82	65	162	139	23	24		1/5



CABLE LUGS, NON-INSULATED

COMPATIBILITY

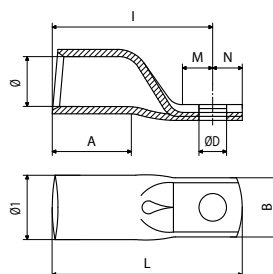

mm²

CL. 2	0.25	1.5	4																			
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000	
HN1																						
HN5																						
HN-A25																						
TNE-A50																						
TNE-A120																						
B15MD																						
45 kN																						
HT51																						
50 kN																						
60 kN																						
80 kN																						
130 kN																						
230 kN																						
520 kN																						

FOR COPPER CABLES

A-M CONTAINED PALM

RING TERMINAL WITH NARROW CONNECTION, FOR COPPER CONDUCTORS, FOR LOW VOLTAGE CIRCUIT BREAKERS



The cable lugs with narrow palm of the A-M series enable reliable connections on copper conductors. They are manufactured from high-purity electrolytic copper tube and undergo annealing and electrolytic tin-plating processes to facilitate crimping and increase resistance to mechanical stress.

The narrow palm facilitates installation in applications with limited mounting space. The barrel features a chamfer to facilitate conductor insertion and an inspection hole to verify correct conductor positioning. The A-M cable lugs are cULus certified.

TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Annealing	✓
Minimum operating temperature	-50 °C	Conductor body material	Electrolytic copper with purity above 99.95%
Number of holes on the palm	1	Surface treatment	tin plating
Easy insertion input	✓		

TYPE	Range of cable cross section [mm²]		Screw pitch	Spy hole	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded														
A2-M5/9	10	10	M5	✓	9	4.6	6.8	5.3	9	8	26	20	6	6.5	486A-486B	100/1000
A3-M5/9	16	16	M5	✓	13	5.8	7.9	5.3	9	11.5	29	24.5	6	6.5	486A-486B	100/1000
A5-M5/9	25	25	M5	✓	12	7	10	5.3	9	10.5	31.5	25.5	6	6.5	486A-486B	100/500
A5-M6/11	25	25	M6	✓	12	7	9.3	6.4	11	10.5	32	26	6	7	486A-486B	100/500
A5-M8/13.5	25	25	M8	✓	12	7	9.3	8.4	13.5	10.5	36	28	8	9	486A-486B	100/500
A5-M10/14	25	25	M10	✓	12	7	9.3	10.5	14	10.5	40	30	10	11	486A-486B	100/500
A7B-M6/11.5	25÷35	35	M6		15	8.9	11.7	6.4	11.5	13	36.5	29.5	7	8	486A-486B	100/400
A7B-M8/14	25÷35	35	M8		15	8.9	11.7	8.4	14	13.2	38.5	30.5	8	9		100/400
A10B-M6/11.5	35÷50	50	M6		19	10	13	6.4	11.5	16.5	40.5	33.5	7	8	486A-486B	50/200
A10B-M8/14	35÷50	50	M8		19	10	13	8.4	14	16.5	42.5	34.5	8	9		50/200
A14B-M6/11.5	50÷70	70	M6		20	11.3	14.6	6.4	11.5	18	44	37	7	8	486A-486B	50/200
A14B-M8/15.5	50÷70	70	M8		20	11.3	14.6	8.4	15.5	18	46	38	8	9		50/200
A19-M8/19	70÷95	95	M8	✓	25	13.5	17.5	8.4	19	22.5	52.5	44.5	8	9	486A-486B	25/100
A19B-M8/15.5	70÷95	95	M8		25	13.5	17.5	8.4	15.5	22.5	52.5	44.5	8	9	486A-486B	25/100
A19-M10/19	70÷95	95	M10	✓	25	13.5	17.5	10.5	19	22.5	56.5	46.5	10	11	486A-486B	25/100
A24B-M10/19	59÷120	120	M10		27	15.2	19.6	10.5	19	24.5	60	51	9	14	486A-486B	25/75
A24B-M8/19	95÷120	120	M8		27	15.2	19.6	8.4	19	24.5	60	51	9	14	486A-486B	25/75
A30B-M8/19	120÷150	150	M8		32	16.7	21.5	8.4	19	28.5	70	61	9	18	486A-486B	25/50
A30B-M10/19	120÷150	150	M10		32	16.7	21.5	10.5	19	28.5	70	61	9	18	486A-486B	25/50
A37B-M10/24.5	150÷185	185	M10		35	19.2	24.4	10.5	24.5	31.5	77	68	9	18	486A-486B	15/30
A37-M12/31	150÷185	185	M12	✓	32	19.2	24.4	13.2	31	29	80	68	12	16	486A-486B	15/30
A48-M10/31	185÷240	240	M10	✓	40	21.1	27.2	10.5	31	36	80	71	9	13	486A-486B	10/20
A48-M12/31	185÷240	240	M12	✓	40	21.1	27.2	13.2	31	36	86	74	12	16	486A-486B	10/20
A48-M16/31	185÷240	240	M16	✓	37	21.1	27.2	17	31	33	94	77	17	19	486A-486B	10/20
A60B-M10/31	240÷300	300	M10		47	23.7	30.6	10.5	31	42	95	83	12	16	486A-486B	10/20
A60B-M12/31	240÷300	300	M12		47	23.7	30.6	13.2	31	42	95	83	12	16	486A-486B	10/20
A80-M12/41	300÷400	400	M12	✓	49	27	35	13.2	41	44	113	94	19	22		5/15
A48B-M12/31	185÷240	240			40	21.1	27.2	13.2	31	36	79.5	67.5	12	14		15/30
A160B-M20S/61	630	800	M20		66	38	50	21	61	60	163.5	132	31.5	34		2/6



CABLE LUGS, NON-INSULATED

COMPATIBILITY																					
	 mm²																				
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
HN5																					
HN-A25																					
TNE-A50																					
TNE-A120																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

CABLE LUGS, NON-INSULATED

TYPE	Range of cable cross section [mm ²]			Screw pitch	Spy hole	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	E [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded	Extra flexible															
A19-2M10	70÷95	95		M10	✓	25	13.5	17.5	10.5	25	22.5	104	93	11	13	44.5	486A-486B	25/100
A19-2M10-24-13	70÷95	95		M10	✓	25	13.5	17.5	10.5	25	22.5	83.5	72.5	11	13	24	486A-486B	25/75
A19-2M10-24-26	70÷95	95		M10	✓	25	13.5	17.5	10.5	25	22.5	96.5	85.5	11	26	24	486A-486B	25/50
A19-2M12	70÷95	95		M12	✓	25	13.5	17.5	13.2	25	22.5	110	96	14	16	44.5	486A-486B	25/50
A19-2M12-30-29	70÷95	95		M12	✓	25	13.5	17.5	13.2	25	22.5	108.5	94	14	29	30	486A-486B	25/50
A19-2M12-40S	70÷95	95		M12	✓	25	13.5	17.5	13.2	25	22.5	105.5	50.5	15	15	40		25/75
A19-2M14	70÷95	95		M14	✓	25	13.5	17.5	15	25	22.5	114	98	16	18	44.5	486A-486B	25/100
A19-2M16	70÷95	95		M16	✓	25	13.5	17.5	17	25	22.5	116	99	17	19	44.5	486A-486B	25/50
A24-2M6-15.5	95÷120	120		M6	✓	27	15.2	19.6	6.4	28.5	24	74.5	63.5	11	11	15.5		25/75
A24-2M8	95÷120	120		M8	✓	27	15.2	19.6	8.4	28.5	24	103.5	92.5	11	11	44.5		25/50
A24-2M8-20	95÷120	120		M8	✓	27	15.2	19.6	8.4	28.5	24	79	68	11	11	20	486A-486B	25/25
A24-2M8-24-29	95÷120	120		M8	✓	27	15.2	19.6	8.4	28.5	24	101	90	11	29	24	486A-486B	25/50
A24-2M10	95÷120	120		M10	✓	27	15.2	19.6	10.5	28.5	24	105.5	94.5	11	13	44.5	486A-486B	25/50
A24-2M10-22	95÷120	120		M10	✓	27	15.2	19.6	10.5	28.5	24	83	72	11	13	22	486A-486B	25/50
A24-2M10-25/24	95÷120	120		M10	✓	27	15.2	19.6	10.5	24	24	86	50	11	13	25	486A-486B	25/50
A24-2M10-25	95÷120	120		M10	✓	27	15.2	19.6	10.5	28.5	24	86	75	11	13	25		25/50
A24-2M12	95÷120	120		M12	✓	27	15.2	19.6	13.2	28.5	24	111.5	97.5	14	16	44.5	486A-486B	25/50
A24-2M12-30S	95÷120	120		M12	✓	26	15.2	19.6	13.2	28.5	23.5	100.5	54.5	16	17.5	30		25/50
A24-2M12-30-29	95÷120	120		M12	✓	27	15.2	19.6	13.2	28.5	24	110	96	14	29	30	486A-486B	25/50
A24-2M12-40	95÷120	120		M12	✓	27	15.2	19.6	13.2	28.5	24	107	93	14	16	40	486A-486B	25/50
A24-2M14	95÷120	120		M14	✓	27	15.2	19.6	15	28.5	24	115.5	99.5	16	18	44.5	486A-486B	25/50
A24-2M16	95÷120	120		M16	✓	27	15.2	19.6	17	28.5	24	117.5	100.5	17	19	44.5	486A-486B	25/25
A30-2M8-20	120÷150	150		M8	✓	30	16.7	21.5	8.4	31.5	26.5	89	78	11	13	20	486A-486B	25/250
A30-2M10-24-28	120÷150	150		M10	✓	30	16.7	21.5	10.5	31.5	26.5	108	97	11	28	24	486A-486B	25/50
A30-2M10	120÷150	150		M10	✓	30	16.7	21.5	10.5	31.5	26.5	113.5	102.5	11	13	44.5	486A-486B	25/50
A30-2M12	120÷150	150		M12	✓	30	16.7	21.5	13.2	31.5	26.5	119.5	105.5	14	16	44.5	486A-486B	25/50
A30-2M12-30	120÷150	150		M12	✓	30	16.7	21.5	13.2	31.5	26.5	105	91	14	16	30	486A-486B	25/50
A30-2M12-30S	120÷150	150		M12	✓	32	16.7	21.5	13.2	31.5	28.5	115	100	15	25	30		25/50
A30-2M12-30-29	120÷150	150		M12	✓	30	16.7	21.5	13.2	31.5	26.5	118	104	14	29	30	486A-486B	15/30
A30-2M12-40	120÷150	150		M12	✓	30	16.7	21.5	13.2	31.5	26.5	115	101	14	16	40	486A-486B	15/30
A30-2M12-40S	120÷150	150		M12	✓	32	16.7	21.5	13.2	31.5	28.5	115	60	15	15	40		25/50
A30-2M14	120÷150	150		M14	✓	30	16.7	21.5	15	31.5	26.5	123.5	107.5	16	18	44.5	486A-486B	15/30
A37-2M10-25	150÷185	185		M10	✓	32	19.2	24.4	10.5	35.5	29	101	90	11	13	25	486A-486B	15/30
A37-2M10	150÷185	185		M10	✓	32	19.2	24.4	10.5	35.5	29	120.5	109.5	11	13	44.5	486A-486B	15/30
A37-2M12	150÷185	185		M12	✓	32	19.2	24.4	13.2	35.5	29	126.5	112.5	14	16	44.5	486A-486B	15/30
A37-2M12-32	150÷185	185		M12	✓	32	19.2	24.4	13.2	35.5	29	114	100	14	16	32	486A-486B	15/30
A37-2M12-30-31	150÷185	185		M12	✓	32	19.2	24.4	13.2	35.5	29	127	113	14	31	30	486A-486B	15/30
A37-2M14-35	150÷185	185		M14	✓	32	19.2	24.4	15	35.5	29	121	105	16	18	35	486A-486B	15/30
A37-2M12-40S	150÷185	185		M12	✓	32	19.2	24.4	13.2	35.5	29	122	57	15	15	40		15/30
A37-2M14	150÷185	185		M14	✓	32	19.2	24.4	15	35.5	29	130.5	114.5	16	18	44.5	486A-486B	15/15
A37-2M16-40	150÷185	185		M16	✓	32	19.2	24.4	17	35.5	29	128	111	17	19	40	486A-486B	15/30
A48-2M10-20	185÷240	240		M10	✓	37	21.1	27.2	10.5	39	33	102	91	11	13	20	486A-486B	15/30
A48-2M10	185÷240	240		M10	✓	37	21.1	27.2	10.5	39	33	126.5	115.5	11	13	44.5	486A-486B	15/30
A48-2M12-30-31	185÷240	240		M12	✓	37	21.1	27.2	13.2	39	33	133	119	14	31	30	486A-486B	10/20
A48-2M12-40	185÷240	240		M12	✓	37	21.1	27.2	13.2	39	33	128	114	14	16	40	486A-486B	10/20
A48-2M12	185÷240	240		M12	✓	37	21.1	27.2	13.2	39	33	132.5	118.5	14	16	44.5	486A-486B	10/20
A48-2M14	185÷240	240		M14	✓	37	21.1	27.2	15	39	33	136.5	120.5	16	18	44.5	486A-486B	15/30
A48-2M16	185÷240	240		M16	✓	37	21.1	27.2	17	39	33	138.5	121.5	17	19	44.5	486A-486B	15/30
A60-2M10	240÷300	300		M10	✓	44	23.7	30.6	10.5	44	40	133.5	122.5	11	13	44.5	486A-486B	5/20
A60-2M10-25-S	240÷300	300		M10	✓	44	23.7	30.6	10.5	44	40	130	90	15	25	25		5/20
A60-2M12	240÷300	300		M12	✓	44	23.7	30.6	13.2	44	40	143.5	129.5	14	20	44.5	486A-486B	5/20
A60-2M12-30-38	240÷300	300		M12	✓	44	23.7	30.6	13.2	44	40	147	133	14	38	30	486A-486B	5/20
A60-2M12-40	240÷300	300		M12	✓	44	23.7	30.6	13.2	44	40	139	125	14	20	40	486A-486B	5/20
A60-2M14	240÷300	300		M14	✓	44	23.7	30.6	15	44	40	147.5	131.5	16	22	44.5	486A-486B	5/20
A60-2M16	240÷300	300		M16	✓	44	23.7	30.6	17	44	40	148.5	131.5	17	22	44.5	486A-486B	5/20
A60-2M16-40	240÷300	300		M16	✓	44	23.7	30.6	17	44	40	144	127	17	22	40	486A-486B	5/20
A80-2M10	300÷400	400		M10	✓	47	27	35	10.5	51	42	150.5	136.5	105	20	44.5		5/15
A80-2M12	300÷400	400		M12	✓	47	27	35	13.2	51	42	152.5	138.5	15	22	44.5	486A-486B	5/10
A80-2M12-32	300÷400	400		M12	✓	47	27	35	13.2	51	42	140	126	14	22	32		5/15
A80-2M14	300÷400	400		M14	✓	47	27	35	15	51	42	154.5	138.5	16	22	44.5	486A-486B	5/5
A80-2M14-40	300÷400	400		M14	✓	47	27	35	15	51	42	150	134	16	22	40	486A-486B	5/5
A80-2M16	300÷400	400		M16	✓	47	27	35	17	51	42	157.5	138.5	19	22	44.5	486A-486B	5/15

TYPE	Range of cable cross section [mm²]			Screw pitch	Spy hole	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	E [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded	Extra flexible															
A80-2M16/41	300÷400	400		M16	✓	49	27	35	17	41	44	152.5	91	19	19	44.5	486A-486B	5/15
A100-2M12	400÷500	500		M12	✓	48	30.3	39.5	13.2	56.5	43.5	152	137.5	14	17	44.5	486A-486B	1/10
A100-2M12-S	400÷500	500		M12	✓	48	30.3	39.5	13.2	56.5	43.5	158.5	142.5	16	22	44.5		5/10
A100-2M12-32	400÷500	500		M12	✓	48	30.3	39.5	13.2	56.5	43.5	139	125	14	17	32		5/10
A100-2M14	400÷500	500		M14	✓	48	30.3	39.5	15	56.5	43.5	149	137.5	16	17	44.5	486A-486B	1/10
A100-2M16	400÷500	500		M16	✓	48	30.3	39.5	17	56.5	43.5	158.5	139.5	19	19	44.5	486A-486B	5/10
A120-2M12	500÷630	630		M12	✓	64	33.4	42.6	13.2	61.6	58	167.5	109	14	22	44.5		5/10
A120-2M16	500÷630	630		M16	✓	64	33.4	42.6	17	61.6	58	172.5	109	19	22	44.5		1/8
A160-2M12	630	800		M12	✓	63	38	50	13.2	72	57	176.5	162.5	14	20	44.5		3/9

COMPATIBILITY

 mm²																					
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
HN1																					
HN5																					
HN-A25																					
TNE-A50																					
TNE-A120																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					



CABLE LUGS, NON-INSULATED

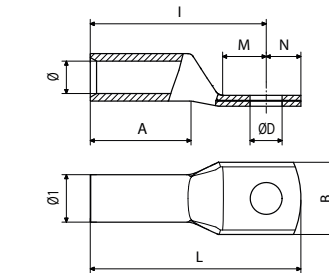
FOR COPPER CABLES

2A-M

HEAVY DUTY RING TERMINAL, WITHOUT INSPECTION HOLE, WITH LONG NECK, FOR COPPER CONDUCTORS



The cable lugs with extended barrel of the 2A-M series enable reliable connections for grounding and medium-voltage applications up to 35 kV. They are manufactured from high-purity electrolytic copper tube and undergo annealing and electrolytic tin-plating processes to facilitate crimping and increase resistance to mechanical stress.



The extended barrel allows multiple crimp connections. The barrel is inspection-hole free to limit the ingress of moisture and contaminants and features a chamfer to facilitate conductor insertion, making it particularly suitable for demanding applications. The 2A-M cable lugs are cULus certified.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]			Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded	Copper rope													
2A3-M8	16	16		M8	25	5.8	7.9	8.4	15	22	43.5	35.5	8	9	486A-486B	100/600
2A3-M10	16	16		M10	25	5.8	7.9	10.5	18	22	47.5	37.5	10	11	486A-486B	100/500
2A5-M8	25	25		M8	29	7	9.3	8.4	15	25.5	51	43	8	9	486A-486B	100/400
2A5-M10	25	25		M10	29	7	9.3	10.5	18	25.5	55	45	10	11	486A-486B	50/300
2A5-M12	25	25		M12	29	7	9.3	13.2	21	25.5	60	48	12	14	486A-486B	50/300
2A7-M8	25÷35	35		M8	29	8.9	11.7	8.4	17	26	53	45	8	9	486A-486B	50/200
2A7-M10	25÷35	35		M10	29	8.9	11.7	10.5	19	26	57	47	10	11	486A-486B	50/200
2A7-M12	25÷35	35		M12	29	8.9	11.7	13.2	21	26	62	50	12	14	486A-486B	50/200
2A10-M10	35÷50	50		M10	33	10	13	10.5	20	30	63	53	10	11	486A-486B	50/100
2A10-M12	35÷50	50		M12	33	10	13	13.2	21	30	68	56	12	14	486A-486B	50/100
2A10-M14	35÷50	50		M14	33	10	13	15	25	30	72	58	14	16	486A-486B	50/100
2A10-M16	35÷50	50		M16	33	10	13	17	26	30	76	60	16	18	486A-486B	50/150
2A14-M10	50÷70	70		M10	40	11.3	14.6	10.5	21	36	70	60	10	11	486A-486B	50/100
2A14-M12	50÷70	70		M12	40	11.3	14.6	13.2	22	36	75	63	12	14	486A-486B	50/100
2A14-M14	50÷70	70		M14	40	11.3	14.6	15	25	36	79	65	14	16	486A-486B	50/100
2A14-M16	50÷70	70		M16	40	11.3	14.6	17	26	36	83	67	16	18	486A-486B	50/100
2A19-M10	70÷95	95		M10	44	13.5	17.5	10.5	25	40	76.5	66.5	10	11	486A-486B	25/50
2A19-M12	70÷95	95		M12	44	13.5	17.5	13.2	25	40	81.5	69.5	12	14	486A-486B	25/50
2A19-M14	70÷95	95		M14	44	13.5	17.5	15	25	40	85.5	71.5	14	16	486A-486B	25/75
2A19-M16	70÷95	95		M16	44	13.5	17.5	17	27	40	90.5	73.5	16	18	486A-486B	25/50
2A19-M20	70÷95	95		M20	44	13.5	17.5	21	29	40	97.5	77.5	20	22	486A-486B	25/50
2A24-M12	95÷120	120		M12	47	15.2	19.6	13.2	28.5	42	87	75	12	14	486A-486B	15/30
2A24-M14	95÷120	120		M14	47	15.2	19.6	15	28.5	42	91	77	14	16	486A-486B	15/30
2A24-M16	95÷120	120		M16	47	15.2	19.6	17	28.5	42	95	79	16	18	486A-486B	15/30
2A24-M20	95÷120	120		M20	47	15.2	19.6	21	30	42	103	83	20	22	486A-486B	25/50
2A30-M10	120÷150	150		M10	54	16.7	21.5	10.5	31.5	49	92	81	11	13	486A-486B	15/30
2A30-M12	120÷150	150	125	M12	54	16.7	21.5	13.2	31.5	49	98	84	14	16	486A-486B	15/30
2A30-M14	120÷150	150		M14	54	16.7	21.5	15	31.5	49	102	86	16	18	486A-486B	15/30
2A30-M16	120÷150	150		M16	54	16.7	21.5	17	31.5	49	104	87	17	19	486A-486B	15/30
2A30-M20	120÷150	150		M20	54	16.7	21.5	21	31.5	49	110	90	20	22	486A-486B	15/30
2A37-M12	150÷185	185		M12	61	19.2	24.4	13.2	35.5	55	108	94	14	16	486A-486B	10/20
2A37-M14	150÷185	185		M14	61	19.2	24.4	15	35.5	55	112	96	16	18	486A-486B	15/30
2A37-M16	150÷185	185		M16	61	19.2	24.4	17	35.5	55	114	97	17	19	486A-486B	15/30
2A37-M20	150÷185	185		M20	61	19.2	24.4	21	35.5	55	120	100	20	22	486A-486B	15/30
2A48-M12	185÷240	240		M12	61	21.1	27.2	13.2	39	55	109	95	14	16	486A-486B	5/20
2A48-M14	185÷240	240		M14	61	21.1	27.2	15	39	55	113	97	16	18	486A-486B	5/20
2A48-M16	185÷240	240		M16	61	21.1	27.2	17	39	55	115	98	17	19	486A-486B	5/20
2A48-M20	185÷240	240		M20	61	21.1	27.2	21	39	55	121	91	20	22	486A-486B	5/25
2A60-M12	240÷300	300		M12	77	23.7	30.6	13.2	30	70	129.5	115.5	14	20	486A-486B	5/15
2A60-M14	240÷300	300		M14	77	23.7	30.6	15	30	70	133.5	117.5	16	22	486A-486B	5/15

TYPE	Range of cable cross section [mm²]			Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded	Copper rope													
2A60-M16	240÷300	300		M16	77	23.7	30.6	17	40	70	136.5	117.5	19	22	486A-486B	5/15
2A60-M20	240÷300	300		M20	77	23.7	30.6	21	40	70	142.5	119.5	23	24	486A-486B	5/15
2A80-M12	300÷400	400		M12	77	27	35	13.2	51	70	140	121	19	22	486A-486B	5/10
2A80-M14	300÷400	400		M14	77	27	35	15	51	70	140	121	19	22	486A-486B	5/10
2A80-M16	300÷400	400		M16	77	27	35	17	51	70	140	121	19	22	486A-486B	5/10
2A80-M20	300÷400	400		M20	77	27	35	21	51	70	146	123	23	24	486A-486B	5/15
2A100-M16	400÷500	500		M16	74	30.3	39.5	17	56.5	67	141	122	19	22	486A-486B	1/10
2A100-M20	400÷500	500		M20	74	30.3	39.5	21	56.5	67	147	124	23	24	486A-486B	1/10
2A120-M16	500÷630	630		M16	94	33.4	42.6	17	61.5	85	159	140	19	22		1/8
2A120-M20	500÷630	630		M20	94	33.4	42.6	21	61.5	85	165	142	23	24		1/20
2A160-M20	630	800		M20	110	38	50	21	72	100	187	164	23	24		1/12
2A200-M20	800	1000		M20	121	44	56	21	82	110	202	179	23	24		1/6
2A24-M10	95÷120	120		M10	47	15.2	19.6	10.5	28.5	42	82	72	10	11	486A-486B	15/30

COMPATIBILITY



CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
HN5																					
HN-A25																					
TNE-A50																					
TNE-A120																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

CABLE LUGS, NON-INSULATED

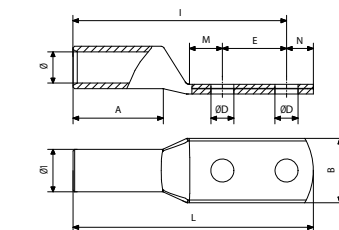
FOR COPPER CABLES

2A-2M

RING TERMINAL FOR HEAVY-DUTY APPLICATIONS, WITHOUT INSPECTION HOLE, WITH LONG NECK, TWO-HOLE CONNECTION, FOR COPPER CONDUCTORS



The cable lugs with extended barrel of the 2A-2M series enable reliable connections for grounding and medium-voltage applications up to 35 kV. They are manufactured from high-purity electrolytic copper tube and undergo annealing and electrolytic tin-plating processes to facilitate crimping and increase resistance to mechanical stress. The two-hole palm ensures high fastening stability even under severe



electrodynamic stresses.

The barrel features an extended length to allow multiple crimp connections and is inspection-hole free to limit the ingress of moisture and contaminants, while the chamfer facilitates conductor insertion, making it particularly suitable for demanding applications.

The 2A-2M cable lugs are cULus certified.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	2
Easy insertion input	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]		Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	E [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded														
2A10-2M12	35÷50	50	M12	33	10	13	13.2	19	30	116.5	102.5	14	16	44.5	486A-486B	25/75
2A14-2M12	50÷70	70	M12	40	11.3	14.6	13.2	22	36	123.5	109.5	12	14	44.5	486A-486B	25/50
2A14-2M14	50÷70	70	M14	40	11.3	14.6	15	25	36	127.5	111.5	14	16	44.5	486A-486B	25/75
2A19-2M6-16/20	70÷95	95	M6	44	13.5	17.5	9	20	40	86	60	10	9	16		25/50
2A19-2M12	70÷95	95	M12	44	13.5	17.5	13.2	25	40	128	114	12	14	44.5	486A-486B	25/50
2A19-2M14	70÷95	95	M14	44	13.5	17.5	15	25	40	132	116	14	16	44.5	486A-486B	25/50
2A24-2M10-30	95÷120	120	M10	50	15.2	19.6	10.5	28.5	45	115	104	11	13	30	486A-486B	10/20
2A24-2M12	95÷120	120	M12	50	15.2	19.6	13.2	28.5	45	135.5	121.5	12	14	44.5	486A-486B	25/50
2A24-2M14	95÷120	120	M14	50	15.2	19.6	15	28.5	45	139.5	123.5	14	16	44.5	486A-486B	25/50
2A24-2M16	95÷120	120	M16	50	15.2	19.6	17	28.5	45	140.5	123.5	16	18	44.5	486A-486B	25/50
2A30-2M10	120÷150	150	M10	54	16.7	21.5	10.5	31.5	49	136.5	125.5	11	13	44.5	486A-486B	15/30
2A30-2M12	120÷150	150	M12	54	16.7	21.5	13.2	31.5	49	142.5	128.5	14	16	44.5	486A-486B	15/30
2A30-2M14	120÷150	150	M14	54	16.7	21.5	15	31.5	49	146.5	130.5	16	18	44.5	486A-486B	15/30
2A37-2M12	150÷185	185	M12	61	19.2	24.4	13.2	35.5	55	152.5	138.5	14	16	44.5	486A-486B	15/30
2A37-2M14	150÷185	185	M14	61	19.2	24.4	15	35.5	55	156.5	140.5	16	18	44.5	486A-486B	15/30
2A37-2M16	150÷185	185	M16	61	19.2	24.4	17	35.5	55	158.5	141.5	17	19	44.5	486A-486B	15/30
2A48-2M12	185÷240	240	M12	61	21.1	27.2	13.2	39	55	153.5	139.5	14	16	44.5	486A-486B	5/20
2A48-2M14	185÷240	240	M14	61	21.1	27.2	15	39	55	157.5	141.5	16	18	44.5	486A-486B	5/20
2A48-2M16	185÷240	240	M16	61	21.1	27.2	17	39	55	159.5	142.5	17	19	44.5	486A-486B	5/20
2A60-2M12	240÷300	300	M12	77	23.7	30.6	13.2	44	70	174	160	14	20	44.5	486A-486B	5/15
2A60-2M14	240÷300	300	M14	77	23.7	30.6	15	44	70	178	162	16	22	44.5	486A-486B	5/15
2A60-2M16	240÷300	300	M16	77	23.7	30.6	17	44	70	176	159	19	22	44.5	486A-486B	5/20
2A80-2M12	300÷400	400	M12	77	27	35	13.2	51	70	177.5	163.5	14	20	44.5	486A-486B	5/10
2A80-2M12-40	300÷400	400	M12	77	27	35	13.2	51	70	177	161	16	22	40	486A-486B	6/12
2A80-2M12-50	300÷400	400	M12	77	27	35	13.2	51	70	183	119	14	20	50	486A-486B	6/12
2A80-2M14	300÷400	400	M14	77	27	35	15	51	70	181.5	165.5	16	22	44.5	486A-486B	5/10
2A80-2M16	300÷400	400	M16	77	27	35	17	51	70	184.5	165.5	19	22	44.5	486A-486B	5/15
2A100-2M12	400÷500	500	M12	74	30.3	39.5	13.2	56.5	67	178.5	164.5	14	20	44.5	486A-486B	5/10
2A100-2M14	400÷500	500	M14	74	30.3	39.5	15	56.5	67	182.5	166.5	16	22	44.5	486A-486B	1/10
2A100-2M16	400÷500	500	M16	74	30.3	39.5	17	56.5	67	185.5	166.5	19	22	44.5	486A-486B	1/8
2A120-2M12	500÷630	630	M12	94	33.4	42.6	13.2	61.5	85	196.5	182.5	14	20	44.5		1/10
2A120-2M14	500÷630	630	M14	94	33.4	42.6	15	61.5	85	200.5	184.5	16	22	44.5		1/15
2A120-2M16	500÷630	630	M16	94	33.4	42.6	17	61.5	85	202.5	184.5	19	22	44.5		1/10
2A160-2M16	630	800	M16	110	38	50	17	72	100	227.5	208.5	19	24	44.5		1/10
2A200-2M16	800	1000	M16	121	44	56	17	82	110	240.5	221.5	19	22	44.5		1/5
2A200-2M12	800	1000		121	44	56	13.2	82	110	233.5	219.5	14	20	44.5		2/6
2A200-2M20	800	1000	M20	121	44	56	21	82	110	246.5	223.5	23	24	44.5		2/6

COMPATIBILITY

 mm²

CL. 2	0.25	1.5	4				35	50	70	95	120	150	185		240	300	400	500	630	800	1000
FLEX	1.5	2.5	6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
TNE-A50																					
TNE-A120																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

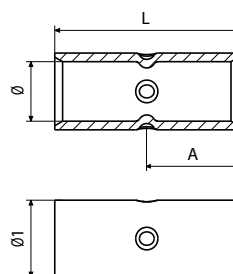


CABLE LUGS, NON-INSULATED

FOR COPPER CABLES

L-M

THROUGH CONNECTOR, FOR COPPER CONDUCTORS



The **L-M series butt joints** allow for **reliable connections on copper conductors**. They are made of **high-purity electrolytic copper tube** and undergo **annealing** and **electrolytic tin-plating** processes to facilitate crimping and increase resistance to mechanical stress.

The **body** features **chamfered entry points** to facilitate the insertion of the conductors and a **central "stop" system** to ensure their correct positioning. The **L-M series joints** have the same internal and external dimensions as the **A-M series cable lugs**.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Easy insertion input	✓
Central stop	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]		Type of connector	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	UL standard	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded								
L03-M	0.25÷1.5	0.25÷1.5	butt through connector	9	1.8	3.3	7.5	15		100/5000
L06-M	1.5÷2.5	1.5÷2.5	butt through connector	9	2.42	4	7.5	15		100/4000
L1-M	4÷6	4	butt through connector	13	3.6	5.25	11	22	486A-486B	100/2000
L2-M	10	10	butt through connector	14	4.6	6.8	12.5	25	486A-486B	100/1000
L3-M	16	16	butt through connector	15	5.8	7.9	13.5	27	486A-486B	100/500
L5-M	25	25	butt through connector	16	7	9.3	14.5	29	486A-486B	100/500
L7-M	25÷35	35	butt through connector	19	8.9	11.7	16.5	33	486A-486B	100/400
L10-M	35÷50	50	butt through connector	21	10	13	18.5	37	486A-486B	50/200
L14-M	50÷70	70	butt through connector	22	11.3	14.6	19.5	39	486A-486B	50/200
L19-M	70÷95	95	butt through connector	24	13.5	17.5	21.5	43	486A-486B	25/100
L24-M	95÷120	120	butt through connector	26	15.2	19.6	23.5	47	486A-486B	25/75
L30-M	120÷150	150	butt through connector	32	16.7	21.5	29	58	486A-486B	25/50
L37-M	150÷185	185	butt through connector	36	19.2	24.4	32	64	486A-486B	15/30
L48-M	185÷240	240	butt through connector	42	21.1	27.2	37.5	75	486A-486B	10/20
L60-M	240÷300	300	butt through connector	50	23.7	30.6	45	90	486A-486B	10/20
L80-M	300÷400	300	butt through connector	52	27	35	47	94	486A-486B	5/15
L100-M	400÷500	400	butt through connector	54	30.3	39.5	49	98	486A-486B	1/12
L120-M	500÷630	500	butt through connector	58	33.4	42.6	52.5	105		1/10
L160-M	600	800	parallel through connector	62	38	50	56	112		1/6
L200-M	800	800	parallel through connector	66	44	56	60	120		1/6

COMPATIBILITY

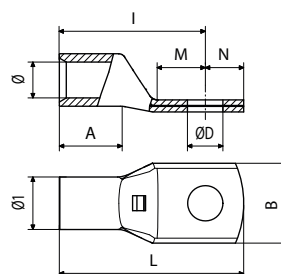
 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
HN1																					
HN5																					
HN-A25																					
TNE-A50																					
TNE-A120																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

DR-N

RING TERMINAL, FOR COPPER CONDUCTORS,
DIN 46235



The **DR-N series cable lugs** allow for **reliable connections on copper conductors**. They are made of **high-purity electrolytic copper tube** and undergo **annealing** and **electrolytic tin plating** processes to facilitate crimping and increase resistance to mechanical stress.

The **barrel** features a **chamfer** to facilitate insertion of the conductor and has **no inspection hole** to limit the entry of moisture and contaminants. The **DR-N cable lugs** are **cULus certified** and comply with the **DIN 46235 standard**.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PCE]
DR6-5N	6	M5	11	3.8	5.5	5.3	8.5	10	32.5	25	7.5	10	486A-486B	100/800
DR6-6N	6	M6	11	3.8	5.5	6.4	8.5	10	34	25	9	10	486A-486B	100/800
DR6-8N	6	M8	11	3.8	5.5	8.4	12.5	10	36.5	25	11.5	10	486A-486B	100/800
DR10-5N	10	M5	15	4.5	6	5.3	9	13	35.5	28	7.5	10	486A-486B	100/800
DR10-6N	10	M6	15	4.5	6	6.4	9	13	37	28	9	10	486A-486B	100/800
DR10-8N	10	M8	15	4.5	6	8.4	13	13	39.5	28	11.5	10	486A-486B	100/800
DR10-10N	10	M10	15	4.5	6	10.5	17	13	43.5	30	13.5	12	486A-486B	100/800
DR16-6N	16	M6	22	5.5	8.5	6.4	13	20	46	37	9	12	486A-486B	100/400
DR16-8N	16	M8	22	5.5	8.5	8.4	13	20	48.5	37	11.5	12	486A-486B	100/400
DR16-10N	16	M10	22	5.5	8.5	10.5	17	20	50.5	37	13.5	12	486A-486B	100/400
DR16-12N	16	M12	22	5.5	8.5	13	19	20	53.5	39	14.5	14	486A-486B	100/400
DR25-6N	25	M6	22	7	10	6.4	12	20	48	39	9	12	486A-486B	100/400
DR25-8N	25	M8	22	7	10	8.4	16	20	50.5	39	11.5	12	486A-486B	100/300
DR25-10N	25	M10	22	7	10	10.5	17	20	52.5	39	13.5	12	486A-486B	100/200
DR25-12N	25	M12	22	7	10	13	19	20	54.5	40	14.5	13	486A-486B	100/200
DR35-6N	35	M6	22	8.2	12.5	6.4	17	20	50	41	9	12	486A-486B	50/200
DR35-8N	35	M8	22	8.2	12.5	8.4	17	20	43	43	12	14	486A-486B	50/200
DR35-10N	35	M10	22	8.2	12.5	10.5	19	20	57	43	14	14	486A-486B	50/200
DR35-12N	35	M12	22	8.2	12.5	13	21	20	57	43	14	14	486A-486B	50/200
DR35-16N	35	M16	22	8.2	12.5	17	26	20	64.5	47	17.5	18	486A-486B	50/200
DR50-6N	50	M6	31	10	14.5	6.4	20	28	62	53	9	14	486A-486B	25/100
DR50-8N	50	M8	31	10	14.5	8.4	20	28	64.5	53	11.5	14	486A-486B	25/100
DR50-10N	50	M10	31	10	14.5	10.5	22	28	67	53	14	14	486A-486B	25/100
DR50-12N	50	M12	31	10	14.5	13	24	28	67	53	14	14	486A-486B	25/100
DR50-16N	50	M16	31	10	14.5	17	28	28	69	53	16	16	486A-486B	25/100
DR70-8N	70	M8	31	11.5	16.5	8.4	24	28	56	56	11.5	14	486A-486B	25/50
DR70-10N	70	M10	31	11.5	16.5	10.5	24	28	70	56	14	14	486A-486B	25/50
DR70-12N	70	M12	31	11.5	16.5	13	24	28	70	56	14	14	486A-486B	25/50
DR70-16N	70	M16	31	11.5	16.5	17	30	28	72	56	16	16	486A-486B	25/50
DR70-20N	70	M20	31	11.5	16.5	21	30	28	84.5	64	20.5	22	486A-486B	25/50
DR95-8N	95	M8	39	13.5	19	8.4	28	35	77.5	66	11.5	14	486A-486B	25/50
DR95-10N	95	M10	39	13.5	19	10.5	28	35	80	66	14	14	486A-486B	25/50
DR95-12N	95	M12	39	13.5	19	13	28	35	80	66	14	14	486A-486B	25/50
DR95-16N	95	M16	39	13.5	19	17	32	35	82	66	16	16	486A-486B	25/50
DR95-20N	95	M20	39	13.5	19	21	32	35	95	74	21	22	486A-486B	25/50
DR120-8N	120	M8	39	15.5	21	8.4	30	35	82.5	71	11.5	18	486A-486B	10/20
DR120-10N	120	M10	39	15.5	21	10.5	32	35	84.5	71	13.5	18	486A-486B	10/20
DR120-12N	120	M12	39	15.5	21	13	32	35	85.5	71	14.5	18	486A-486B	10/20
DR120-16N	120	M16	39	15.5	21	17	32	35	88.5	71	17.5	18	486A-486B	10/20
DR120-20N	120	M20	39	15.5	21	21	38	35	91.5	71	20.5	21	486A-486B	10/20
DR150-10N	150	M10	43	17	23.5	10.5	34	39	92.5	79	13.5	22	486A-486B	15/30

CABLE LUGS, NON-INSULATED

TYPE	Range of cable cross section [mm ²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	UL standard	Minimum/standard packaging quantity [PCE]
DR150-12N	150	M12	43	17	23.5	13	34	39	93.5	79	14.5	22	486A-486B	15/30
DR150-16N	150	M16	43	17	23.5	17	34	39	96.5	79	17.5	22	486A-486B	15/30
DR150-20N	150	M20	43	17	23.5	21	40	39	99.5	79	20.5	22	486A-486B	15/30
DR185-10N	185	M10	44	19	25.5	10.5	37	40	96.5	83	13.5	22	486A-486B	5/25
DR185-12N	185	M12	44	19	25.5	13	37	40	97.5	83	14.5	22	486A-486B	5/25
DR185-16N	185	M16	44	19	25.5	17	37	40	100.5	83	17.5	22	486A-486B	5/25
DR185-20N	185	M20	44	19	25.5	21	40	40	103.5	83	20.5	22	486A-486B	5/25
DR240-10N	240	M10	51	21.5	29	10.5	42	46	105.5	92	13.5	23	486A-486B	10/20
DR240-12N	240	M12	51	21.5	29	13	42	46	108	92	16	23	486A-486B	10/20
DR240-16N	240	M16	51	21.5	29	17	42	46	110.5	93	17.5	24	486A-486B	10/20
DR240-20N	240	M20	51	21.5	29	21	45	46	113	93	20	24	486A-486B	10/20
DR300-12N	300	M12	57	24.5	32	13	48	51	115.5	101	14.5	24	486A-486B	5/10
DR300-16N	300	M16	57	24.5	32	17	48	51	118.5	101	17.5	24	486A-486B	5/10
DR300-20N	300	M20	57	24.5	32	21	48	51	121.5	101	20.5	24	486A-486B	5/10
DR400-12N	400	M12	77	27.5	38.5	13	55	70	130.5	116	14.5	24		1/5
DR400-16N	400	M16	77	27.5	38.5	17	55	70	141	116	25	24		1/5
DR400-20N	400	M20	77	27.5	38.5	21	55	70	141	116	25	24		1/5
DR500-12N	500	M12	77	31	42	13	60	70	125	125	25	24		1/5
DR500-16N	500	M16	77	31	42	17	60	70	150	125	25	24		1/5
DR500-20N	500	M20	77	31	42	21	60	70	150	125	25	24		1/5
DR625-12N	625	M12	88	34.5	44	13	60	80	150.5	136	14.5	24		1/5
DR625-16N	625	M16	88	34.5	44	17	60	80	160	136	24	24		1/5
DR625-20N	625	M20	88	34.5	44	21	60	80	161	136	25	24		1/5
DR800-20N	800	M20	110	40	52	21	75	100	191	166	25	24		1/5
DR1000-20N	1000	M20	110	44	58	21	85	100	191	166	25	24		1/5

COMPATIBILITY



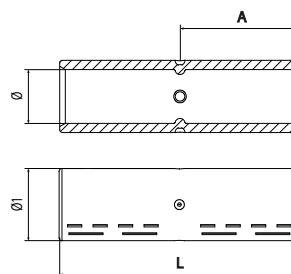
mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800						
HN-D25																					
TNE-D50																					
TNE-D120																					
TN60C																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

DSV

CONNECTOR, FOR COPPER CONDUCTORS,
DIN 46267 T.1



The **DSV series joints** allow for **reliable connections on copper conductors**. They are made from **high-purity electrolytic copper tube** and undergo **annealing** and **electrolytic tin plating** processes to facilitate crimping and increase resistance to mechanical stress.

The **body** features **chamfered entry points** to facilitate conductor insertion and a **central "stop" system** to ensure proper positioning. The **DSV joints** comply with the **DIN 46267 T.1** standard.

TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Conductor body material	Electrolytic copper with purity above 99.95%
Minimum operating temperature	-50 °C		
Easy insertion input	✓		
Type of connector	butt through connector		
Central stop	✓		

TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Annealing	Surface treatment	Minimum/standard packaging quantity [PCE]
DSV6	6	17	3.7	5.5	15	30	✓	tin plating	100/1200
DSV10	10	17	4.5	6	15	30	✓	tin plating	100/1200
DSV16	16	28	5.5	8.5	25	50	✓	tin plating	100/400
DSV25	25	28	7	10	25	50	✓	tin plating	100/200
DSV35	35	28	8.2	12.5	25	50	✓	tin plating	100/200
DSV50	50	31	10	14.5	28	56	✓	tin plating	50/200
DSV70	70	31	11.5	16.5	28	56	✓	tin plating	50/100
DSV95	95	39	13.5	19	35	70	✓	tin plating	50/100
DSV120	120	39	15.5	21	35	70	✓	tin plating	25/50
DSV150	150	44	17	23.5	40	80	✓	tin plating	25/50
DSV185	185	47	19	25.5	42.5	85	✓	tin plating	25/25
DSV240	240	33	21.5	29	30	90	✓	tin plating	15/15
DSV300	300	55	24.5	32	50	100	✓	tin plating	5/10
DSV400	400	83	27.5	38.5	75	150	✓	tin plating	5/10
DSV500	500	88	31	42	80	160	✓	tin plating	5/10
DSV625	625	88	34.5	44	80	160	✓	tin plating	5/5
DSV625-NST	625	88	34.5	44	80	160			3/6
DSV800	800	110	40	52	100	800	✓	tin plating	9/9
DSV1000	1000	110	44	58	100	1000	✓	tin plating	5/5

COMPATIBILITY

 mm²

CL. 2	0.25	1.5	4																				
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000		
HN-D25																							
TNE-D50																							
TNE-D120																							
TN60C																							
B15MD																							
45 kN																							
HT51																							
50 kN																							
60 kN																							
80 kN																							
130 kN																							
230 kN																							
520 kN																							

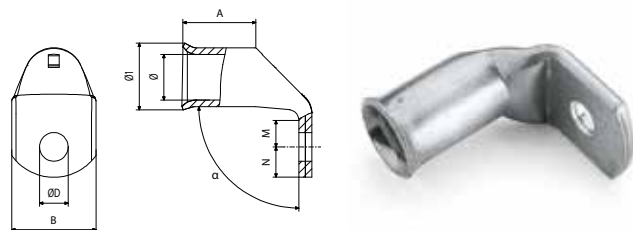


CABLE LUGS, NON-INSULATED

FOR COPPER CABLES

T-L

RING TERMINAL, 90° BEND, FOR COPPER CONDUCTORS



The **90° bent cable lugs of the T-L series** allow for **reliable connections on copper conductors**.

They are made of **high-purity electrolytic copper tube** and undergo **annealing** and **electrolytic tin-plating** processes to facilitate crimping and increase resistance to mechanical stress.

The **90° bent palm** allows for cable routing in applications with **limited**

installation space.

The **barrel** features a **chamfer** to facilitate conductor insertion and an **inspection hole** to verify correct positioning.

The **flared entry** facilitates conductor insertion and prevents the individual strands from fraying.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Spy hole	✓

WEIGHT AND DIMENSIONS	
α	90 °
MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]		Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded										
T6-L6	4÷6	4÷6	M6	16	3.3	5.6	6.4	13	14.5	8	9	100/800
T10-L5	10	10	M5	16	4.2	6.8	5.2	11	14.5	6	6.5	100/800
T10-L6	10	10	M6	16	4.2	6.8	6.4	11	14.5	8	9	100/800
T10-L8	10	10	M8	16	4.2	6.8	8.3	14	14.5	10	11	100/800
T10-L10	10	10	M10	16	4.2	6.8	10.3	14	14.5	12	14	100/800
T16-L6	16	16	M6	19	5.3	8	6.4	12	17	8	9	100/100
T16-L8	16	16	M8	19	5.3	8	8.3	16	17	10	11	100/400
T16-L10	16	16	M10	19	5.3	8	10.3	16	17	12	14	100/400
T25-L10	25	25	M10	19	6.6	9.5	10.3	16	17	10	14	100/400
T25-L6	25	25	M6	19	6.6	9.5	6.4	13	17	6	9	100/400
T25-L8	25	25	M8	19	6.6	9.5	8.3	16	17	8	11	100/400
T35-L6	35	35	M6	20	7.9	11	6.4	15	18	8	9	50/400
T35-L8	35	35	M8	20	7.9	11	8.3	17	18	10	11	50/200
T35-L10	35	35	M10	20	7.9	11	10.3	17	18	12	14	50/200
T50-L6	50	50	M6	25	9.2	12.5	6.4	18	22.5	8	9	25/100
T50-L8	50	50	M8	25	9.2	12.5	8.3	18	22.5	10	11	25/200
T50-L10	50	50	M10	25	9.2	12.5	10.3	18	22.5	12	14	25/100
T70-L8	70	70	M8	21	11	15	8.3	21	19	10	11	25/100
T70-L10	70	70	M10	21	11	15	10.3	21	19	12	14	25/100
T70-L12	70	70	M12	27	11	15	12.8	21	24	16	18	25/100
T95-L8	95	95	M8	31	13.1	17	8.3	23	28	10	11	25/100
T95-L10	95	95	M10	31	13.1	17	10.3	23	28	12	14	25/100
T95-L12	95	95	M12	31	13.1	17	12.8	23	28	16	18	25/100
T120-L10	120	120	M10	34	14.5	19	10.3	28	30.5	12	14	25/50
T120-L12	120	120	M12	34	14.5	19	12.8	28	30.5	16	18	25/50
T150-L10	150	150	M10	39	16.2	21	10.3	30	35	12	14	10/40
T150-L12	150	150	M12	39	16.2	21	12.8	30	35	16	18	10/40
T185-L10	185	185	M10	41	18	23	10.3	33	37	12	14	10/40

COMPATIBILITY																					
 mm²																					
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
HN1																					
HN5																					
HN-T25																					
TNE-T50																					
TNE-T120																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

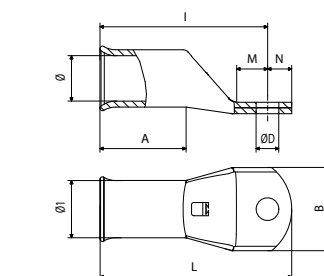
T-M

RING TERMINAL, FOR COPPER CONDUCTORS,
NF C 20-130 ADD. 1



The **T-M series cable lugs** enable the creation of **reliable connections on copper conductors**. They are made from **high-purity electrolytic copper tube** and undergo **annealing** and **electrolytic tin plating** processes to facilitate crimping and increase resistance to mechanical stress.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Spy hole	✓



The **barrel** features a **chamfer** to facilitate conductor insertion and an **inspection hole** to verify proper positioning.

The **flared opening** facilitates conductor insertion and prevents the individual strands from fraying.

The **T-M cable lugs** comply with the **NF C 20-130 standard**.

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]		Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded												
T4-M4	4	4	M4	13	2.7	5	4.2	9	11.5	27.5	21.5	6	7	100/1200
T4-M5	4	4	M5	13	2.7	5	5.2	9	11.5	27.5	21.5	6	7	100/2000
T4-M6	4	4	M6	13	2.7	5	6.4	12	11.5	32	24	8	9	100/1200
T6-M4	4÷6	4÷6	M4	16	3.3	5.6	4.2	10	14.5	30	24	6	6.5	100/1200
T6-M5	4÷6	4÷6	M5	16	3.3	5.6	5.2	13	14.5	30	24	6	6.5	100/1200
T6-M6	4÷6	4÷6	M6	16	3.3	5.6	6.4	13	14.5	34.5	26.5	8	9	100/800
T6-M8	4÷6	4÷6	M8	16	3.3	5.6	8.3	13	14.5	38.5	28.5	10	11	100/800
T10-M5	10	10	M5	16	4.2	6.8	5.2	11	14.5	30	24	6	6.5	100/800
T10-M6	10	10	M6	16	4.2	6.8	6.4	11	14.5	34.5	26.5	8	9	100/800
T10-M8	10	10	M8	16	4.2	6.8	8.3	14	14.5	38.5	28.5	10	11	100/800
T10-M10	10	10	M10	16	4.2	6.8	10.3	14	14.5	43.5	31.5	12	14	100/400
T16-M5	16	16	M5	19	5.3	8	5.2	12	17	34	28	6	7.5	100/800
T16-M6	16	16	M6	19	5.3	8	6.4	12	17	38.5	30.5	8	9	100/400
T16-M8	16	16	M8	19	5.3	8	8.3	16	17	42.5	32.5	10	11	100/400
T16-M10	16	16	M10	19	5.3	8	10.3	16	17	47.5	35.5	12	14	100/400
T25-M5	25	25	M5	19	6	9.5	5.2	13	17	35.5	29.5	6	6.5	100/400
T25-M6	25	25	M6	19	6.6	9.5	6.4	13	17	40	34	6	9	100/400
T25-M8	25	25	M8	19	6.6	9.5	8.3	16	17	44	36	8	11	100/400
T25-M10	25	25	M10	19	6.6	9.5	10.3	16	17	49	39	10	14	100/400
T25-M12	25	25	M12	19	6	9.5	12.8	19	17	57	41	16	18	50/200
T35-M6	35	35	M6	20	7.9	11	6.4	15	18	41	33	8	9	50/200
T35-M8	35	35	M8	20	7.9	11	8.3	17	18	45	35	10	11	50/200
T35-M10	35	35	M10	20	7.9	11	10.3	17	18	50	38	12	14	50/200
T35-M12	35	35	M12	20	7.9	11	12.8	17	18	58	42	16	18	50/200
T50-M6	50	50	M6	25	9.2	12.5	6.4	18	22.5	46.5	38.5	8	9	25/200
T50-M8	50	50	M8	25	9.2	12.5	8.3	18	22.5	50.5	40.5	10	11	25/200
T50-M10	50	50	M10	25	9.2	12.5	10.3	18	22.5	55.5	43.5	12	14	25/200
T50-M12	50	50	M12	25	9.2	12.5	12.8	19	22.5	63.5	47.5	16	18	25/100
T70-M6	70	70	M6	27	11	15	6.4	21	24	54	44	10	11	25/100
T70-M8	70	70	M8	27	11	15	8.3	21	24	54	44	10	11	25/100
T70-M10	70	70	M10	27	11	15	10.3	21	24	59	47	12	14	25/100
T70-M12	70	70	M12	27	11	15	12.8	21	24	67	51	16	18	25/100
T95-M6	95	95	M6	31	13.1	17	6.4	23	28	60	50	10	11	20/80
T95-M8	95	95	M8	31	13.1	17	8.3	23	28	60	50	10	11	20/80
T95-M10	95	95	M10	31	13.1	17	10.3	23	28	65	53	12	14	20/80
T95-M12	95	95	M12	31	13.1	17	12.8	23	28	73	57	16	18	20/80
T95-M14	95	95	M14	31	13.1	17	14.5	23	28	73	57	16	18	20/80
T95-M16	95	95	M16	31	13.1	17	16.5	23	28	75	58	17	19	20/80
T120-M8	120	120	M8	34	14.5	19	8.3	28	30.5	63	53	10	11	25/50
T120-M10	120	120	M10	34	14.5	19	10.3	28	30.5	68	56	12	14	25/50

TYPE	Range of cable cross section [mm ²]		Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded												
T120-M12	120	120	M12	34	14.5	19	12.8	28	30.5	76	60	16	18	25/50
T120-M14	120	120	M14	34	14.5	19	14.5	28	30.5	76	60	16	18	25/50
T120-M16	120	120	M16	34	14.5	19	16.5	28	30.5	78	61	17	19	25/50
T150-M8	150	150	M8	39	16.2	21	8.3	30	35	72.5	62.5	10	11	10/40
T150-M10	150	150	M10	39	16.2	21	10.3	30	35	77.5	65.5	12	14	10/40
T150-M12	150	150	M12	39	16.2	21	12.8	30	35	85.5	69.5	16	18	10/40
T150-M14	150	150	M14	39	16.2	21	14.5	30	35	85.5	69.5	16	18	10/40
T150-M16	150	150	M16	39	16.2	21	16.5	30	35	87.5	70.5	17	19	10/40
T185-M10	185	185	M10	41	18	23	10.3	33	37	83.5	71.5	12	14	10/40
T185-M12	185	185	M12	41	18	23	12.8	33	37	91.5	75.5	16	18	10/40
T185-M14	185	185	M14	41	18	23	14.5	33	37	91.5	75.5	16	18	10/40
T185-M16	185	185	M16	41	18	23	16.5	33	37	93.5	76.5	17	19	10/40
T240-M10	240	240	M10	44	20.6	26	10.3	37	39.5	87.5	76.5	11	13	10/20
T240-M12	240	240	M12	44	20.6	26	12.8	37	39.5	93.5	79.5	14	16	10/20
T240-M14	240	240	M14	44	20.6	26	14.5	37	39.5	97.5	81.5	16	18	10/20
T240-M16	240	240	M16	44	20.6	26	16.5	37	39.5	99.5	82.5	17	19	10/20
T240-M20	240	240	M20	44	20.6	26	21	37	39.5	105.5	85.5	20	22	10/20
T300-M10	300	300	M10	51	23.1	28	10.3	41	45.5	95	84	11	14	5/20
T300-M12	300	300	M12	51	23.1	28	12.8	41	45.5	104	90	14	20	5/20
T300-M14	300	300	M14	51	23.1	28	14.5	41	45.5	108	92	16	22	5/20
T300-M16	300	300	M16	51	23.1	28	16.5	41	45.5	111	92	19	22	20/20
T300-M20	300	300	M20	51	23.1	28	21	41	45.5	117	94	23	24	20/20
T400-M14	400	400	M14	53	26.1	32	14.5	47	48	119	100	19	22	5/10
T400-M16	400	400	M16	53	26.1	32	16.5	47	48	119	100	19	22	5/10
T400-M20	400	400	M20	53	26.1	32	21	47	48	125	102	23	24	5/10

COMPATIBILITY

mm ²																					
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
HN1																					
HN5																					
HN-T25																					
TNE-T50																					
TNE-T120																					
B15MD																					
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

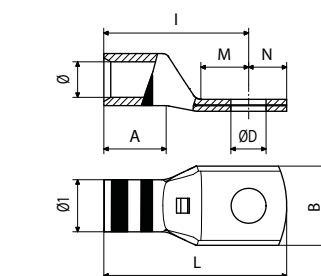
FOR COPPER CABLES

C

COLOR-CODED RING TERMINALS, FOR COPPER CONDUCTORS



C series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. CEMBRE lugs are annealed to guarantee optimum ductility, an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation. In applications subject to vibration, terminals have to perform a reliable connection, the annealing process



plays a vital role in avoiding cracking or breaks between the barrel and palm. The presence of an inspection hole facilitates full insertion of the conductor. The barrel length has been designed to allow easy and accurate positioning of the dies during the crimping operation. Lugs are electrolytically Tin plated to avoid oxidation. The tongue is clearly marked with wire size and die index for CEMBRE tools. UL listed for US and Canada per UL486A up to 35 KV. C series lugs are an important part of CEMBRE crimping systems for power carrying conductors.

TECHNICAL INFORMATION

Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Spy hole	✓

MATERIAL COMPOSITION AND TREATMENTS

Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

CERTIFICATIONS

UL standard	486A-486B
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TYPE	Range of cable cross section [mm²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
C8-8	10	M4	red	2	12	4.6	6.8	4.3	10	10.5	22.5	18.5	4	5	50/600
C8-10	10	M5	red	2	12	4.6	6.8	5.3	10	10.5	26	20	6	6.5	50/600
C8-14	10	M6	red	2	12	4.6	6.8	6.4	11	10.5	26.5	20.5	6	7	50/600
C8-516	10	M8	red	2	12	4.6	6.8	8.4	15	10.5	30.5	22.5	8	9	50/400
C8-38	10	M10	red	2	12	4.6	6.8	10.5	18	10.5	34.5	24.5	10	11	50/600
C8-12	10	M12	red	2	12	4.6	6.8	13.2	19	10.5	39.5	27.5	12	14	50/600
C6-8	16	M4	blue	3	13	5.8	7.9	4.3	11.5	11.5	25.5	21.5	4	5	50/600
C6-10	16	M5	blue	3	13	5.8	7.9	5.3	11.5	11.5	29	23	6	6.5	50/600
C6-14	16	M6	blue	3	13	5.8	7.9	6.4	11.5	11.5	29.5	23.5	6	7	50/600
C6-516	16	M8	blue	3	13	5.8	7.9	8.4	15	11.5	33.5	25.5	8	9	50/600
C6-38	16	M10	blue	3	13	5.8	7.9	10.5	18	11.5	37.5	27.5	10	11	50/600
C6-12	16	M12	blue	3	13	5.8	7.9	13.2	20	11.5	43.5	31.5	12	14	50/400
C4-8	25	M4	grey	4	12	6.2	8.6	4.3	12.5	10.5	28	24	4	5	50/600
C4-10	25	M5	grey	4	12	6.2	8.6	5.3	12.5	10.5	31.5	25.5	6	6.5	50/600
C4-14	25	M6	grey	4	12	6.2	8.6	6.4	12.5	10.5	32	26	6	7	50/600
C4-516	25	M8	grey	4	12	6.2	8.6	8.4	15	10.5	36	28	8	9	50/600
C4-38	25	M10	grey	4	12	6.2	8.6	10.5	18	10.5	40	30	10	11	50/400
C4-12	25	M12	grey	4	12	6.2	8.6	13.2	20	10.5	45	33	12	14	50/400
C3-8	30	M4	white	5	14	7	9.3	4.3	14	12	28	24	4	5	50/600
C3-10	30	M5	white	5	14	7	9.3	5.3	14	12	31.5	25.5	6	6.5	50/600
C3-14	30	M6	white	5	14	7	9.3	6.4	14	12	32	26	6	7	50/600
C3-516	30	M8	white	5	14	7	9.3	8.4	15	12	36	28	8	9	50/600
C3-38	30	M10	white	5	14	7	9.3	10.5	18	12	40	30	10	11	50/400
C3-12	30	M12	white	5	14	7	9.3	13.2	21	12	45	33	12	14	50/400
C2-10	35	M5	brown	6	16	7.6	10.6	5.3	17	14.5	33	27	6	6.5	50/400
C2-14	35	M6	brown	6	16	7.6	10.6	6.4	17	14.5	33.5	27.5	6	7	50/400
C2-516	35	M8	brown	6	16	7.6	10.6	8.4	17	14.5	37.5	29.5	8	9	50/400
C2-38	35	M10	brown	6	16	7.6	10.6	10.5	19	14.5	41.5	31.5	10	11	50/400
C2-12	35	M12	brown	6	16	7.6	10.6	13.2	21	14.5	46.5	34.5	12	14	50/200
C1-14	40	M6	green	7	15	8.9	11.7	6.4	17	13.2	34.5	28.5	6	7	50/400
C1-516	40	M8	green	7	15	8.9	11.7	8.4	17	13.2	38.5	30.5	8	9	50/400
C1-38	40	M10	green	7	15	8.9	11.7	10.5	19	13.2	42.5	32.5	10	11	50/200
C1-12	40	M12	green	7	15	8.9	11.7	13.2	21	13.2	47.5	35.5	12	14	50/200
C1/0-14	50	M6	pink	10	21	10	13	6.4	19	18.5	40.5	33.5	7	8	25/200
C1/0-516	50	M8	pink	10	21	10	13	8.4	19	18.5	42.5	34.5	8	9	25/200
C1/0-38	50	M10	pink	10	21	10	13	10.5	20	18.5	46.5	36.5	10	11	25/200
C1/0-12	50	M12	pink	10	21	10	13	13.2	21	18.5	51.5	39.5	12	14	25/200

TYPE	Range of cable cross section [mm²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
C1/0-916	50	M14	pink	10	21	10	13	15	25	18.5	55.5	41.5	14	16	25/100
C1/0-58	50	M16	pink	10	21	10	13	17	26	18.5	59.5	43.5	16	18	25/100
C2/0-14	70	M6	black	14	22	11.3	14.6	6.4	21	20	44	37	7	8	25/200
C2/0-516	70	M8	black	14	22	11.3	14.6	8.4	21	20	46	38	8	9	25/200
C2/0-38	70	M10	black	14	22	11.3	14.6	10.5	21	20	50	40	10	11	25/200
C2/0-12	70	M12	black	14	22	11.3	14.6	13.2	22	20	55	43	12	14	25/100
C2/0-916	70	M14	black	14	22	11.3	14.6	15	25	20	59	45	14	16	25/100
C2/0-58	70	M16	black	14	22	11.3	14.6	17	26	20	63	47	16	18	25/100
C2/0-34	70	M20	black	14	22	11.3	14.6	21	29.5	20	75	55	20	22	25/100
C3/0-14	95	M6	orange	16	25	12.4	15.8	6.4	23	22	45	38	7	8	25/200
C3/0-516	95	M8	orange	16	25	12.4	15.8	8.4	23	22	47	39	8	9	25/100
C3/0-38	95	M10	orange	16	25	12.4	15.8	10.5	23	22	51	41	10	11	25/100
C3/0-12	95	M12	orange	16	25	12.4	15.8	13.2	24	22	56	44	12	14	25/100
C3/0-916	95	M14	orange	16	25	12.4	15.8	15	27	22	60	46	14	16	25/100
C3/0-58	95	M16	orange	16	25	12.4	15.8	17	28	22	64	48	16	18	25/100
C3/0-34	95	M20	orange	16	25	12.4	15.8	21	31.5	22	72	52	20	22	25/100
C4/0-14	110	M6	purple	19	27	13.5	17.5	6.4	25	24.5	50.5	43.5	7	8	25/100
C4/0-516	110	M8	purple	19	27	13.5	17.5	8.4	25	24.5	52.5	44.5	8	9	25/100
C4/0-38	110	M10	purple	19	27	13.5	17.5	10.5	25	24.5	56.5	46.5	10	11	25/100
C4/0-12	110	M12	purple	19	27	13.5	17.5	13.2	25	24.5	61.5	49.5	12	14	25/100
C4/0-916	110	M14	purple	19	27	13.5	17.5	15	25	24.5	65.5	51.5	14	16	25/100
C4/0-58	110	M16	purple	19	27	13.5	17.5	17	27	24.5	69.5	53.5	16	18	25/50
C4/0-34	110	M20	purple	19	27	13.5	17.5	21	29.5	24.5	77.5	57.5	20	22	25/50
C250-14	120	M6	yellow	24	29	15.2	19.6	6.4	28.5	25.5	52	45	7	8	25/100
C250-516	120	M8	yellow	24	29	15.2	19.6	8.4	28.5	25.5	54	46	8	9	25/100
C250-38	120	M10	yellow	24	29	15.2	19.6	10.5	28.5	25.5	58	48	10	11	25/100
C250-12	120	M12	yellow	24	29	15.2	19.6	13.2	28.5	25.5	63	51	12	14	25/50
C250-916	120	M14	yellow	24	29	15.2	19.6	15	28.5	25.5	67	53	14	16	25/50
C250-58	120	M16	yellow	24	29	15.2	19.6	17	28.5	25.5	71	55	16	18	25/50
C250-34	120	M20	yellow	24	29	15.2	19.6	21	29.5	25.5	79	59	20	22	25/50
C250-78	120	M22	yellow	24	29	15.2	19.6	23	29.5	25.5	86	63	23	23	25/50
C300-516	150	M8	white	30	32	16.7	21.5	8.4	31.5	28.5	69	58	11	13	10/40
C300-38	150	M10	white	30	32	16.7	21.5	10.5	31.5	28.5	69	58	11	13	10/40
C300-12	150	M12	white	30	32	16.7	21.5	13.2	31.5	28.5	75	61	14	16	10/40
C300-916	150	M14	white	30	32	16.7	21.5	15	31.5	28.5	79	63	16	18	10/40
C300-58	150	M16	white	30	32	16.7	21.5	17	31.5	28.5	81	64	17	19	10/40
C300-34	150	M20	white	30	32	16.7	21.5	21	31.5	28.5	87	67	20	22	10/40
C300-78	150	M22	white	30	32	16.7	21.5	23	37.5	28.5	92	69	23	24	10/40
C350-38	185	M10	red	36	33	17.6	22.3	10.5	33	30	70.5	59.5	11	13	20/40
C350-12	185	M12	red	36	33	17.6	22.3	13.2	33	30	76.5	62.5	14	16	20/40
C350-916	185	M14	red	36	33	17.6	22.3	15	33	30	80.5	64.5	16	18	20/40
C350-58	185	M16	red	36	33	17.6	22.3	17	33	30	82.5	65.5	17	19	20/40
C350-34	185	M20	red	36	33	17.6	22.3	21	33	30	88.5	68.5	20	22	20/40
C350-78	185	M22	red	36	33	17.6	22.3	23	37	30	93.5	70.5	23	24	15/30
C400-38	200	M10	blue	37	32	19.2	24.4	10.5	35.5	29	76	65	11	13	20/40
C400-12	200	M12	blue	37	32	19.2	24.4	13.2	35.5	29	82	68	14	16	20/40
C400-916	200	M14	blue	37	32	19.2	24.4	15	35.5	29	86	70	16	18	20/40
C400-58	200	M16	blue	37	32	19.2	24.4	17	35.5	29	88	71	17	19	20/40
C400-34	200	M20	blue	37	32	19.2	24.4	21	35.5	29	94	74	20	22	20/40
C400-78	200	M22	blue	37	32	19.2	24.4	23	37.5	29	99	76	23	24	20/40
C500-38	240	M10	brown	48	41	21.1	27.2	10.5	39	36.5	82	71	11	13	15/30
C500-12	240	M12	brown	48	41	21.1	27.2	13.2	39	36.5	88	74	14	16	15/30
C500-916	240	M14	brown	48	41	21.1	27.2	15	39	36.5	92	76	16	18	15/30
C500-58	240	M16	brown	48	41	21.1	27.2	17	39	36.5	94	77	17	19	15/30
C500-34	240	M20	brown	48	41	21.1	27.2	21	39	36.5	100	80	20	22	10/20
C500-78	240	M22	brown	48	41	21.1	27.2	23	39	36.5	105	82	23	24	10/20
C600-12	300	M12	green	60	47	23.7	30.6	13.2	44	42	99	85	14	20	10/20
C600-916	300	M14	green	60	47	23.7	30.6	15	44	42	103	87	16	22	10/20
C600-58	300	M16	green	60	47	23.7	30.6	17	44	42	106	87	19	22	10/20
C600-34	300	M20	green	60	47	23.7	30.6	21	44	42	112	89	23	24	5/10
C600-78	300	M22	green	60	47	23.7	30.6	23	44	42	112	89	23	24	5/10
C750-12	400	M12	black	76	49	26	33	13.2	48	44	113	94	19	22	5/10

CABLE LUGS, NON-INSULATED

TYPE	Range of cable cross section [mm ²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
C750-58	400	M16	black	76	49	26	33	17	48	44	113	94	19	22	5/10
C750-34	400	M20	black	76	49	26	33	21	48	44	119	96	23	22	5/10
C750-78	400	M22	black	76	49	26	33	23	48	44	119	96	23	24	5/10

COMPATIBILITY

 mm ²																				
CL 2	0.25	1.5	4																	
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	1000
B15MD																				
HT51																				
50 kN																				
60 kN																				
130 kN																				
230 kN																				
520 kN																				

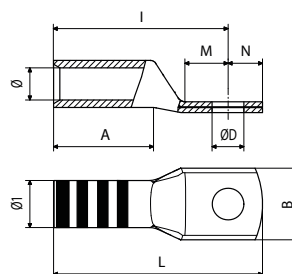
FOR COPPER CABLES

CL

COLOR-CODED RING TERMINAL, WITH LONG NECK,
FOR COPPER CONDUCTORS
ALSO AVAILABLE WITH INSPECTION HOLE, IN CASE OF
ORDER ADD SUFFIX IH TO THE PART NUMBER
E.G.: CL250IH-12



CL series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%, for use in heavy duty applications. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. CEMBRE lugs are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation. In applications subject to vibration, terminals



have to perform a reliable connection, the annealing process plays a vital role in avoiding cracking or breaks between the barrel and palm. The long barrel provides better mechanical pull-out strength. Lugs are electrolytically Tin plated to avoid oxidation. The tongue is clearly marked with wire size and die index for CEMBRE tools. UL listed for US and Canada per UL486A up to 35 KV. CL series lugs are an important part of CEMBRE crimping systems for power carrying conductors.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

CERTIFICATIONS	
UL standard	486A-486B

TYPE	Range of cable cross section [mm²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
CL8-10	10	M5	red	2	24	4.6	6.8	5.3	10	21	37.5	31.5	6	6.5	50/400
CL8-14	10	M6	red	2	24	4.6	6.8	6.4	11	21	38	32	6	7	50/600
CL8-38	10	M10	red	2	24	5	8.4	10.5	18	21	46	36	10	11	50/400
CL6-10	16	M5	blue	3	24	5.8	7.9	5.3	11.5	21	40	34	6	6.5	50/400
CL6-14	16	M6	blue	3	24	5.8	7.9	6.4	11.5	21	40.5	34.5	6	7	50/400
CL6-12	16	M12	blue	3	24	5.8	7.9	13.2	20	21	53.5	41.5	12	14	50/200
CL4-10	25	M5	grey	4	29	6.2	8.6	5.3	12.5	26	47	41	6	6.5	50/400
CL4-14	25	M6	grey	4	29	6.2	8.6	6.4	12.5	26	47.5	41.5	6	7	50/400
CL4-38	25	M10	grey	4	29	6.2	8.6	10.5	18	26	55.5	45.5	10	11	50/200
CL4-12	25	M12	grey	4	29	6	10	13.2	20	26	60.5	48.5	12	14	50/200
CL3-14	30	M6	white	5	29	7	9.3	6.4	14	26	26	20	6	7	100/200
CL3-516	30	M8	white	5	29	7	9.3	8.4	15	26	51.5	43.5	8	9	100/200
CL3-38	30	M10	white	5	29	7	9.3	10.5	18	26	55.5	45.5	10	11	100/200
CL3-12	30	M12	white	5	29	7	9.3	13.2	21	26	60.5	48.5	12	14	100/200
CL2-10	35	M5	brown	6	29	7.6	10.6	5.3	17	26	46	40	6	6.5	50/200
CL2-14	35	M6	brown	6	29	7.6	10.6	6.4	17	26	46.5	40.5	6	7	50/200
CL2-516	35	M8	brown	6	29	7.6	10.6	8.4	17	26	50.5	42.5	8	9	50/200
CL2-12	35	M12	brown	6	29	7.6	10.6	13.2	21	26	59.5	47.5	12	14	50/200
CL1-516	40	M8	green	7	31	8.9	11.7	8.4	17	28	52.5	44.5	8	9	50/200
CL1-12	40	M12	green	7	31	8.9	11.7	13.2	21	28	61.5	49.5	12	14	50/200
CL1/0-10	50	M5	pink	10	33	10	13	5.3	8	30	53.5	46.5	7	8	50/100
CL1/0-516	50	M8	pink	10	33	10	13	8.4	19	30	55.5	47.5	8	9	50/100
CL1/0-38	50	M10	pink	10	33	10	13	10.5	20	30	59.5	49.5	10	11	50/100
CL1/0-12	50	M12	pink	10	33	10	13	13.2	21	30	64.5	52.5	12	14	50/100
CL2/0-38	70	M10	black	14	40	11.3	14.6	10.5	21	36	67.5	57.5	10	11	50/100
CL2/0-12	70	M12	black	14	40	11.3	14.6	13.2	22	36	72.5	60.5	12	14	50/100
CL3/0-12	95	M12	orange	16	40	12.4	15.8	13.2	24	36	71.5	59.5	12	14	50/100
CL4/0-38	110	M10	purple	19	44	13.5	17.5	10.5	25	40	73.5	63.5	10	11	30/60
CL4/0-12	110	M12	purple	19	44	13.5	17.5	13.2	25	40	78.5	66.5	12	14	30/60
CL250-12	120	M12	yellow	24	50	15.2	19.6	13.2	28.5	45	84	72	12	14	25/50
CL300-12	150	M12	white	30	55	16.7	21.5	13.2	31.5	50	98	84	14	16	15/30
CL350-12	185	M12	red	36	55	17.6	22.3	13.2	33	50	98	84	14	16	15/30
CL400-12	200	M12	blue	37	61	19.2	24.4	13.2	35.5	55	107	93	14	16	10/20
CL400-58	200	M16	blue	37	61	19.2	24.4	17	35.5	55	113	96	17	19	10/20
CL500-12	240	M12	brown	48	61	21.1	27.2	13.2	39	55	108	94	14	16	10/20

CABLE LUGS, NON-INSULATED

TYPE	Range of cable cross section [mm ²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
CL500-58	240	M16	brown	48	61	21.1	27.2	17	39	55	114	97	17	19	10/20
CL600-12	300	M12	green	60	77	23.7	30.6	13.2	44	70	128.5	114.5	14	20	5/10
CL600-58	300	M16	green	60	77	23.7	30.6	17	44	70	135.5	116.5	19	22	5/10
CL750-12	400	M12	black	76	77	26	33	13.2	48	70	140.5	121.5	19	22	5/10
CL750-58	400	M16	black	76	77	26	33	17	48	70	140.5	121.5	19	22	5/10

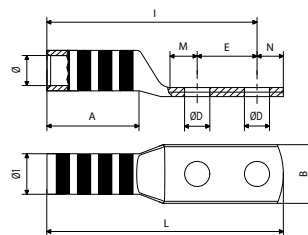
COMPATIBILITY

 mm²																					
CL 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX							25	35	50	70	95	120	150		185	240	300	400	500	630	800
B15MD																					
HT51																					
50 kN																					
60 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

CL-D

COLOR-CODED EYELET CABLE TERMINAL, 2 HOLES, WITH LONG COLLAR, FOR COPPER CONDUCTORS



CL series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. CEMBRE lugs are annealed to guarantee optimum ductility, an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation. In applications subject to vibration, terminals have to perform a reliable connection, the annealing

process plays a vital role in avoiding cracking or breaks between the barrel and palm. The barrel length has been designed to allow easy and accurate positioning of the dies during the crimping operation. Lugs are electrolytically Tin plated to avoid oxidation. The tongue is clearly marked with wire size and die index for CEMBRE tools. UL listed for US and Canada per UL486A up to 35 KV. CL series lugs are an important part of CEMBRE crimping systems for power carrying conductors.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	2
Easy insertion input	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

CERTIFICATIONS	
UL standard	486A-486B

TYPE	Range of cable cross section [mm ²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	E [mm]	Minimum/standard packaging quantity [PCE]
CL8-D14	10	M6	red	2	24	4.6	6.8	6.4	11	21	53	47	6	7	16	50/400
CL8-D141	10	M6	red	2	24	4.6	6.8	6.4	11	21	56	50	6	7	19	50/400
CL8-D38	10	M10	red	2	24	5	8.4	10.5	18	21	70.5	60.5	10	11	10	50/200
CL6-D14	16	M6	blue	3	24	5.8	7.9	6.4	11.5	21	54.5	48.5	6	7	16	50/400
CL6-D141	16	M6	blue	3	24	5.8	7.9	6.4	11.5	21	57.5	51.5	6	7	19	50/400
CL6-D38	16	M10	blue	3	24	5.8	7.9	10.5	18	21	72	62	10	11	25.5	50/200
CL6-DN	16	M12	blue	3	24	5.8	7.9	13.2	20	21	96	84	12	14	44.5	50/200
CL4-D14	25	M6	grey	4	29	6.2	8.6	6.4	12.5	26	62	56	6	7	16	50/200
CL4-D141	25	M6	grey	4	29	6.2	8.6	6.4	12.5	26	65	59	6	7	19	50/200
CL4-D38	25	M10	grey	4	29	6.2	8.6	10.5	18	26	79.5	69.5	10	11	25.5	50/200
CL4-DN	25	M12	grey	4	29	6	10	13.2	20	26	103.5	91.5	12	14	44.5	50/100
CL3-D38	30	M10	white	5	29	7	9.3	10.5	18	26	79.5	44	10	11	25.5	50/200
CL3-DN	30	M12	white	5	29	7	9.3	13.2	21	26	103.5	47	12	14	44.5	50/200
CL2-D14	35	M6	brown	6	29	7.6	10.6	6	17	26	61	55	6	7	16	50/200
CL2-D141	35	M6	brown	6	29	7.6	10.6	6.4	17	26	64	58	6	7	19	50/200
CL2-D38	35	M10	brown	6	29	7.6	10.6	10.5	19	26	78.5	68.5	10	11	25.5	50/100
CL2-DN38	35	M10	brown	6	29	7.6	10.6	10.5	19	26	97.5	87.5	10	11	44.5	25/100
CL2-DN	35	M12	brown	6	29	7.6	10.6	13.2	21	26	102.5	90.5	12	14	44.5	50/100
CL1-D14	40	M6	green	7	31	8.9	11.7	6.4	17	28	63	57	6	7	16	50/200
CL1-D141	40	M6	green	7	31	8.9	11.7	6.4	17	28	66	60	6	7	19	50/200
CL1-D38	40	M10	green	7	31	8.9	11.7	10.5	19	28	80.5	70.5	10	11	25.5	25/100
CL1-DN	40	M12	green	7	31	8.9	11.7	13.2	21	28	104.5	92.5	12	14	44.5	25/100
CL1/0-D14	50	M6	pink	10	33	10	13	6.4	19	30	68	61	7	7.9	16	25/100
CL1/0-D141	50	M6	pink	10	33	10	13	6.4	19	30	71	64	7	7.9	19	25/100
CL1/0-D38	50	M10	pink	10	33	10	13	10.5	20	30	83.5	73.5	10	10.9	25.5	25/100
CL1/0-DN	50	M12	pink	10	33	10	13	13.2	21	30	107.5	95.5	12	14	44.5	25/100
CL2/0-D14	70	M6	black	14	40	11.3	14.6	6.4	21	36	76	69	7	7.8	16	30/60
CL2/0-D141	70	M6	black	14	40	11.3	14.6	6.4	21	36	79	72	7	7.8	19	30/60
CL2/0-D38	70	M10	black	14	40	11.3	14.6	10.5	21	36	91.5	81.5	10	11	25.5	30/60
CL2/0-DN	70	M12	black	14	40	11.3	14.6	13.2	22	36	115.5	103.5	12	14	44.5	30/60
CL3/0-D141	95	M6	orange	16	40	12.4	15.8	6.4	23.3	36	82	75	7	8	19	30/60
CL3/0-D38	95	M10	orange	16	40	12.4	15.8	10.5	23.3	36	94.5	84.5	10	11	25.5	30/60
CL3/0-DN	95	M12	orange	16	40	12.4	15.8	13.2	24	36	118.5	106.5	12	14	44.5	30/60
CL4/0-D141	110	M6	purple	19	44	13.5	17.5	6.4	25	40	94	83	11	13	19	25/50
CL4/0-D38	110	M10	purple	19	44	13.5	17.5	10.5	25	40	97.5	87.5	10	11	25.5	25/50
CL4/0-DN38	110	M10	purple	19	44	13.5	17.5	10.5	25	40	116.5	106.5	10	11	44.5	25/50
CL4/0-DN	110	M12	purple	19	44	13.5	17.5	13.2	25	40	121.5	109.5	12	14	44.5	25/50

CABLE LUGS, NON-INSULATED

TYPE	Range of cable cross section [mm ²]	Screw pitch	Color of the die marking	Die index	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	E [mm]	Minimum/standard packaging quantity [PCE]
CL250-D38	120	M10	yellow	24	44	15.2	19.6	10.5	28.5	40	103	93	10	11	25.5	20/40
CL250-DN	120	M12	yellow	24	44	15.2	19.6	13.2	28.5	40	127	115	12	14	44.5	20/40
CL300-D38	150	M10	white	30	55	16.7	21.5	10.5	31.5	50	116	105	11	13	25.5	15/30
CL300-DN	150	M12	white	30	55	16.7	21.5	13.2	31.5	50	141	127	14	16	44.5	15/30
CL350-D141	185	M6	red	36	55	17.6	22.3	6.4	33	50	109.5	98.5	11	13	19	15/30
CL350-D38	185	M10	red	36	55	17.6	22.3	10.5	33	50	116	105	11	13	25.5	15/30
CL350-DN	185	M12	red	36	55	17.6	22.3	13.2	33	50	141	127	14	16	44.5	15/30
CL400-D141	200	M6	blue	37	61	19.2	24.4	6.4	35.5	55	118.5	107.5	11	13	19	10/20
CL400-D38	200	M10	blue	37	61	19.2	24.4	10.5	35.5	55	125	114	11	13	25.5	10/20
CL400-DN	200	M12	blue	37	61	19.2	24.4	13.2	35.5	55	150	136	14	16	44.5	10/20
CL500-D141	240	M6	brown	48	61	21.1	27.2	6.4	39	55	119.5	108.5	11	13	19	10/20
CL500-D38	240	M10	brown	48	61	21.1	27.2	10.5	39	55	126	115	11	13	25.5	5/10
CL500-DN	240	M12	brown	48	61	21.1	27.2	13.2	39	55	151	137	14	16	44.5	5/10
CL600-D38	300	M10	green	60	77	23.7	30.6	10.5	44	70	149.5	138.5	11	20	25.5	5/20
CL600-DN	300	M12	green	60	77	23.7	30.6	13.2	44	70	171.5	157.5	14	20	44.5	5/15
CL750-D38	400	M10	black	76	77	26	33	10.5	48	70	154.5	143.5	11	20	25.5	5/15
CL750-DN38	400	M10	black	76	77	26	33	10.5	48	70	173.5	162.5	11	20	44.5	5/15
CL750-DN	400	M12	black	76	77	26	33	13.2	48	70	176.5	162.5	14	20	44.5	5/15

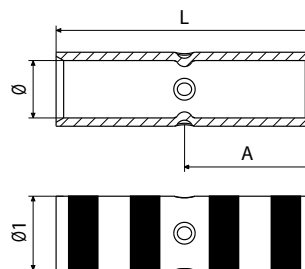
COMPATIBILITY

 mm²																					
CL 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
B15MD																					
HT51																					
50 kN																					
60 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

BSCL

COLOR-CODED CONNECTOR, WITH LONG NECK, FOR COPPER CONDUCTORS



BSCL range of connectors are designed for jointing low voltage conductors in heavy duty applications. Made of electrolytic Copper tube with a purity greater than 99.9%, having the same dimension as C and CL series lugs, BSCL connectors are annealed and electrolytically Tin plated.

They feature an internal taper at both ends to ease the introduction of the conductor and a central stop to ensure correct positioning. UL listed for US and Canada per UL486A up to 35 KV.

TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Annealing	✓
Minimum operating temperature	-50 °C	Conductor body material	Electrolytic copper with purity above 99.95%
Easy insertion input	✓	Surface treatment	tin plating
Type of connector	butt through connector	CERTIFICATIONS	
Central stop	✓	UL standard	486A-486B

TYPE	Range of cable cross section [mm²]	Color of the die marking	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Die index	Minimum/standard packaging quantity [PCE]
BSCL8	10	red	28	4.6	6.8	25.2	50.5	2	150/600
BSCL6	16	blue	28	5.8	7.9	25.2	50.5	3	100/400
BSCL4	25	grey	34	6.2	8.6	30.2	60.5	4	100/200
BSCL3	30	white	34	7	9.3	30.2	60.5	5	50/200
BSCL2	35	brown	34	7.6	10.6	30.2	60.5	6	50/200
BSCL1	40	green	36	8.9	11.7	32.7	65.5	7	50/200
BSCL1/0	50	pink	41	10	13	36.5	73	10	50/200
BSCL2/0	70	black	44	11.3	14.6	39.5	79	14	50/100
BSCL3/0	95	orange	44	12.4	15.8	39.5	79	16	40/80
BSCL4/0	110	purple	47	13.5	17.5	42.7	85.5	19	25/50
BSCL250	120	yellow	47	15.2	19.6	42.7	85.5	24	25/50
BSCL300	150	white	58	16.7	21.5	52.2	104.5	30	20/40
BSCL350	185	red	58	17.6	22.3	52.2	104.5	36	20/40
BSCL400	200	blue	62	19.2	24.4	55.5	111	37	10/20
BSCL500	240	brown	65	21.1	27.2	58.5	117	48	10/20
BSCL600	300	green	77	23.7	30.6	69.7	139.5	60	10/20
BSCL750	400	black	82	26	33	74.5	149	76	10/10

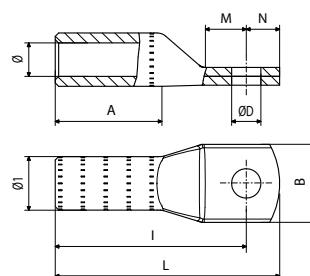
COMPATIBILITY																					
 mm²																					
CL. 2	0.25	1.5	4																		
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
B15MD																					
HT51																					
50 kN																					
60 kN																					
130 kN																					
230 kN																					
520 kN																					



FOR COPPER CABLES

CA-M

RING TERMINAL FOR MEDIUM VOLTAGE, FOR COPPER CONDUCTORS



Series CA-M and 2A-M terminals are designed for medium voltage applications up to 35 kV. They are manufactured from Copper tube with a purity greater than 99.9%, annealed and Tin plated. The extended barrel

enhances both electrical and mechanical performance. The absence of an inspection hole prevents moisture entry into the crimped joint and makes these terminals suitable for outdoor applications.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolitic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
CA25-M8	25	M8	47	6.8	10	8.4	14	42	65	57	8	9	50/300
CA25-M10	25	M10	47	6.8	10	10.5	18	42	72	61	11	13	50/200
CA25-M12	25	M12	47	6.8	10	13.2	21	42	78	64	14	16	50/150
CA35-M12	35	M12	44	8.25	12.7	13.2	21	40	79	65	14	16	50/150
CA35-M16	35	M16	44	8.25	12.7	17	26	40	85	68	17	19	50/150
CA40S-M12	30÷40	M12	44	8.25	12.7	13.2	21	40	79	65	14	16	50/100
CA40S-M16	30÷40	M16	44	8.25	12.7	17	26	40	85	68	17	19	50/100
CA50R-M10	50	M10	44	8.7	12.7	8.4	18	40	66	58	8	9	50/150
CA50R-M12	50	M12	44	8.7	12.7	13.2	20.5	40	79	65	14	16	50/100
CA50S-M12	50	M12	44	9.5	13.3	13.2	21	40	79	65	14	16	50/150
CA50S-M16	50	M16	44	9.5	13.3	17	26	40	85	68	17	19	50/100
CA50-M10	50	M10	44	9.5	13.3	10.5	21	40	73	62	11	13	50/150
CA50-M12	50	M12	44	9.5	13.3	13.2	21	40	79	65	14	16	50/150
CA50-M14	50	M14	44	9.5	13.3	15	25	40	83	67	16	18	50/100
CA50-M16	50	M16	44	9.5	13.3	17	26	40	85	68	17	19	50/100
CA70S-M12	63÷70	M12	44	11	20	13.2	28	40	81.2	67.2	14	16	15/30
CA70S-M16	63÷70	M16	44	11	20	17	30	40	87.2	70.2	17	19	25/50
CA70-M12	70	M12	44	11.5	16	13.2	23	40	81.2	67.2	14	16	50/100
CA95R-M12	80÷95	M12	49	12	20	13.2	28	44	91	77	14	16	15/30
CA95R-M14	80÷95	M14	49	12	20	15	28	44	95	79	16	18	25/50
CA95R-M16	80÷95	M16	49	12	20	17	30	44	97	80	17	19	25/50
CA95S-M12	95÷100	M12	49	13.5	20	13.2	28	44	91	77	14	16	15/30
CA95S-M14	95÷100	M14	49	13.5	20	15	29	44	95	79	16	18	25/50
CA95S-M16	95÷100	M16	49	13.5	20	17	30	44	97	80	17	19	25/50
CA95-M10	95	M10	50	13.5	20	10.5	28	45	85	74	11	13	25/50
CA95-M12	95	M12	50	13.5	20	13.2	28	45	91	77	14	16	25/50
CA120-M12	120	M12	55	15	23	13.2	31	50	97	83	14	16	15/30
CA120-M16	120	M16	55	15	23	17	31	50	103	86	17	19	15/30
CA150R-M12	120÷150	M12	55	15	23	13.2	31	50	97	83	14	16	15/30
CA150R-M14	120÷150	M14	55	15	23	15	31	50	101	85	16	18	15/30
CA150R-M16	120÷150	M16	55	15	23	17	31	50	103	86	17	19	15/30
CA150S-M12	150÷160	M12	55	16.5	23	13.2	32	50	97	83	14	16	15/30
CA150S-M14	150÷160	M14	55	16.5	23	15	32	50	101	85	16	18	15/30
CA150-M12	150	M12	55	16.5	23	13.2	32	50	97	83	14	16	15/30
CA150-M16	150	M16	55	16.5	23	17	32	50	103	86	17	19	15/30
CA185-M12	185	M12	55	18	23	13.2	33.5	50	97	83	14	16	15/30
CA185-M16	185	M16	55	18	23	17	33.5	50	103	86	17	19	15/30
CA200R-M12	160÷200	M12	55	17	23	13.2	32.5	50	97	83	14	16	15/30
CA200R-M14	160÷200	M14	55	17	23	15	32.5	50	101	85	16	18	15/30
CA200R-M16	160÷200	M16	55	17	23	17	32.5	50	103	86	17	19	15/30
CA240R-M12	200÷240	M12	55	19.2	30	13.2	43	50	103	89	14	16	5/15
CA240R-M14	200÷240	M14	55	19.2	30	15	43	50	107	91	16	18	5/15
CA240R-M16	200÷240	M16	55	19.2	30	17	43	50	109	92	17	19	5/15

TYPE	Range of cable cross section [mm²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
CA240R-M20	200÷240	M20	55	19.2	30	21	43	50	115	95	20	22	5/15
CA240-M12	240	M12	55	20.5	30	13.2	42	50	103	89	14	16	5/15
CA240-M16	240	M16	55	20.5	30	17	42	50	109	92	17	19	5/15
CA240-M20	240	M20	55	20.5	30	21	42	50	115	95	20	22	5/15
CA300-M12	300	M12	55	23	30	13.2	43.5	50	109.5	95.5	14	16	5/15
CA300-M16	300	M16	55	23	30	17	43.5	50	115.5	98.5	17	19	5/15
CA300-M20	300	M20	55	23	30	21	43.5	50	121.5	101.5	20	22	5/15
CA315R-M12	240÷315	M12	55	21.5	30	13.2	43	50	101	87	14	16	5/15
CA315R-M14	240÷315	M14	55	21.5	30	15	43	50	105	89	16	18	5/15
CA315R-M16	240÷315	M16	55	21.5	30	17	43	50	107	90	17	19	5/15
CA315S-M14	315	M14	55	23.7	30.6	15	44	50	105	89	16	18	5/15

COMPATIBILITY


mm²

CL. 2	0.25	1.5	4		10	16	25	35	50	70	95	120	150	185		240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6					25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
45 kN																						
HT51																						
50 kN																						
60 kN																						
80 kN																						
130 kN																						
230 kN																						
520 kN																						

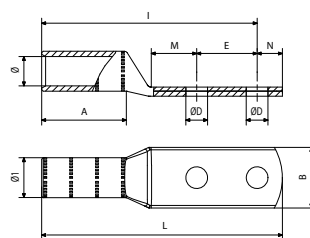


CABLE LUGS, NON-INSULATED

FOR COPPER CABLES

CA-2M

RING TERMINAL FOR MEDIUM VOLTAGE, 2 HOLES, FOR COPPER CONDUCTORS



CA-2M and 2A-2M Copper Tube Terminal Lugs are designed for medium voltage applications up to 35 kV. Manufactured from Copper tube with a purity greater than 99.9%, annealed and Tin plated. The extended barrel

enhances electrical and mechanical performance. The absence of an inspection hole prevents moisture entry into the crimped joint. Featuring an extended palm with two fixing holes at 44.5 mm centres.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	2
Easy insertion input	✓

WEIGHT AND DIMENSIONS	
E	44.5 mm
MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
CA25-2M8	25	M8	47	6.8	10	8.4	14	42	113.5	102.5	11	10	50/200
CA25-2M12	25	M12	47	6.8	10	13.2	21	42	122.5	108.5	14	16	50/100
CA35-2M12	35	M12	44	8.25	12.7	13.2	21.5	40	123.5	65	14	16	100/100
CA40S-2M12	30÷40	M12	44	8.25	12.7	13.2	21.5	40	123.5	109.5	14	16	50/100
CA50R-2M8	50	M8	44	8.7	12.7	8.4	17	40	112.5	59	9	10	50/100
CA50R-2M12	50	M12	44	8.7	12.7	13.2	20.5	40	123.5	65	14	16	50/100
CA50S-2M12	50	M12	44	9.5	13.3	13.2	21	40	123.5	124.5	14	16	50/100
CA50-2M12	50	M12	44	9.5	13.3	13.2	21	40	123.5	109.5	14	16	3/90
CA70S-2M12	63÷70	M12	44	11	20	13.2	27	40	125.5	111.5	14	16	25/50
CA95R-2M12	80÷95	M12	49	12	20	13.2	28	44	135.5	121.5	14	16	10/10
CA95R-2M14	80÷95	M14	49	12	20	15	28	44	139.5	123.5	16	18	15/30
CA95R-2M16	80÷95	M16	49	12	20	17	28	44	141.5	124.5	17	19	15/30
CA95S-2M12	95÷100	M12	49	13.5	20	13.2	28	44	135.5	121.5	14	16	15/45
CA95S-2M14	95÷100	M14	49	13.5	20	15	29	44	139.5	123.5	16	18	15/30
CA95-2M12	95	M12	50	13.5	20	13.2	28	45	135.5	121.5	14	16	15/30
CA120-2M12	120	M12	55	15	23	13.2	32	50	141.5	83	14	16	15/30
CA150R-2M12	120÷150	M12	55	15	23	13.2	31	50	141.5	127.5	14	16	15/30
CA150R-2M14	120÷150	M14	55	15	23	15	31	50	145.5	129.5	16	18	15/30
CA150S-2M12	150÷160	M12	55	16.5	23	13.2	32	50	141.5	127.5	14	16	15/30
CA150S-2M14	150÷160	M14	55	16.5	23	15	32	50	145.5	129.5	16	18	15/30
CA150-2M12	150	M12	55	16.5	23	13.2	32	50	141.5	127.5	14	16	3/30
CA185-2M12	185	M12	55	18	23	13.2	32.5	50	141.5	83	14	16	15/30
CA200R-2M12	160÷200	M12	55	17	23	13.2	32.5	50	141.5	127.5	14	16	15/30
CA200R-2M14	160÷200	M14	55	17	23	15	32.5	50	145	129	16	18	15/30
CA240R-2M12	240	M12	55	19.2	30	13.2	43	50	147.5	133.5	14	16	5/15
CA240R-2M14	200÷240	M14	55	19.2	30	15	43	50	151.5	135.5	16	18	5/15
CA240R-2M20	200÷240	M20	55	19.2	30	21	43	50	159.5	139.5	20	22	5/5
CA240-2M12	240	M12	55	20.5	30	13.2	43	50	147.5	133.5	14	16	5/15
CA300-2M12	150	M12	55	23	30	13.2	43	50	145.5	140	14	16	5/15
CA315R-2M12	240÷315	M12	55	21.5	30	13.2	43	50	145.5	131.5	14	16	5/20
CA315R-2M14	240÷315	M14	55	21.5	30	15	43	50	149.5	133.5	16	18	5/15
CA315R-2M16	240÷315	M14	55	21.5	30	17	43	50	151.5	134.5	17	19	5/20
CA315S-2M14	315	M14	55	23.7	30.6	15	44	50	149.5	133.5	16	18	5/20

COMPATIBILITY																					
 mm²																					
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

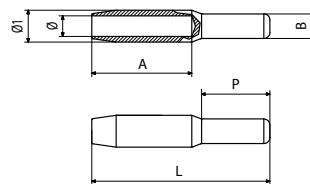


CABLE LUGS, NON-INSULATED

FOR COPPER CABLES

MT-C

MEDIUM VOLTAGE CABLE TERMINAL, WITH TANG CONNECTION, FOR COPPER CONDUCTORS



MT-C series connectors are designed for medium voltage applications up to 35 kV. They are manufactured from Copper with a purity greater than 99.9%, annealed and Tin plated. The extended barrel enhances both

electrical and mechanical performance. The stalk or pin makes these connectors ideal for terminating conductors into contact blocks.

TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Annealing	✓
Minimum operating temperature	-50 °C	Conductor body material	Electrolitic copper with purity above 99.95%
Tip type	pin	Surface treatment	tin plating

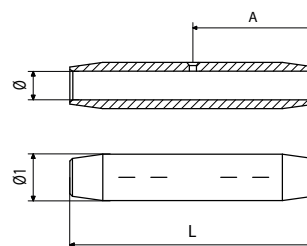
TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	B [mm]	A [mm]	P [mm]	L [mm]	Minimum/standard packaging quantity [PCE]
MT25-C8	25	46	6.8	10	8	41	35	80	3/90
MT50S-C8	50	46	9.5	13	8	41	35	80	3/90
MT50S-C10	50	46	9.5	13	10	41	35	80	3/90
MT95R-C10	80÷95	66	12	20	10	60	45	110	3/60
MT95R-C12	80÷95	66	12	20	12	60	45	110	3/60
MT95S-C10	95÷100	66	13.5	20	10	60	45	110	3/45
MT95S-C12	95÷100	66	13.5	20	12	60	45	110	3/60
MT150R-C12	120÷150	66	15	23	12	60	45	110	3/45
MT150S-C12	150÷160	66	16.5	23	12	60	45	110	3/60
MT150S-C16	120÷150	66	15	23	16	60	45	110	3/30
MT200R-C16	160÷200	66	17	23	16	60	45	110	3/30
MT240R-C12	200÷240	66	19.5	30	12	60	50	115	3/30
MT240R-C16	200÷240	66	19.5	30	16	60	50	115	3/30
MT315R-C16	240÷315	66	21.5	30	16	60	50	115	3/30
MT315S-C16	315	66	23.7	30	16	60	60	130	3/30
MT40S-C14-80	30÷40	46	8.2	13	14	41	80	123	3/30
MT50S-C14-80	50	46	9.5	13	14	41	80	123	3/30
MT70S-C14-80	63÷70	55	11.2	20	14	50	80	135	3/3
MT95S-C14-80	95÷100	66	13.5	20	14	60	80	145	3/60
MT150S-C14-80	150÷160	66	16.5	23	14	60	80	145	3/45

COMPATIBILITY																					
 mm²																					
CL. 2	0,25	1,5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	÷ 1,5	÷ 2,5	÷ 6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

MT-TD

CONNECTOR FOR MEDIUM VOLTAGE, FOR COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Type of connector	parallel through connector

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolitic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity [PCE]
MT25-TD	25	33	6.8	10	30	60	3/90
MT40S-TD	30÷40	33	8.25	12.7	30	60	3/90
MT50S-TD	50	33	9.5	13.3	30	60	3/90
MT50R-TD	50	33	8.7	12.7	30	60	3/90
MT70S-TD	63÷70	39	11	20	35	70	3/30
MT95R-TD	80÷95	44	12	20	40	80	3/30
MT95S-TD	95÷100	44	13.5	20	40	80	3/30
MT150R-TD	120÷150	44	15	23	40	80	3/30
MT150S-TD	150÷160	44	16.5	23	40	80	3/30
MT200R-TD	160÷200	55	17	23	50	100	3/30
MT240R-TD	200÷240	55	19.2	30	50	100	3/21
MT315R-TD	240÷315	55	21.5	30	50	100	3/21
MT315S-TD	315	55	23.7	30.6	50	100	3/21
MT400-TD	400	66	27	35	60	120	3/15
MT500-TD	500	65	30.3	39.5	59	118	3/12
MT630-TD	600÷630	72	33.4	42.6	65	130	3/9
MT35-TD	30	33	8.2	12.7	30	60	3/30
MT50-TD	50	33	8.2	13.3	30	60	3/30
MT70-TD	70	39	11	20	35	70	3/30
MT95-TD	95	44	13.5	20	40	80	3/30
MT120-TD	120	44	15	23	40	80	3/30
MT150-TD	150	44	16.5	23	40	80	3/30
MT185-TD	185	55	18	23	50	100	3/30
MT240-TD	240	55	20.5	30	50	100	3/30
MT300-TD	300	55	23	30	50	100	3/30

COMPATIBILITY	
CL. 2	0.25 ÷ 1.5 1.5 ÷ 2.5 4 ÷ 6 10 16 25 35 50 70 95 120 150 185 200 240 300 400 500 630 800 1000
FLEX	25 35 50 70 95 120 150 185 240 300 400 500 630 800
HT51	
50 kN	
60 kN	
80 kN	
130 kN	
230 kN	
520 kN	

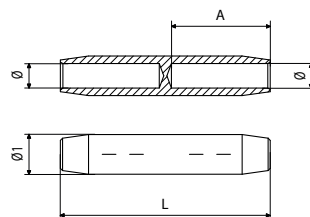


CABLE LUGS, NON-INSULATED

FOR COPPER CABLES

MT-GC

CONNECTOR FOR MEDIUM VOLTAGE, BLIND, FOR
COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Type of connector	butt blind connector
Central stop	✓

MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolitic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity [PCE]
MT25-GC	25	30	6.8	10	26.8	60	3/90
MT40S-GC	30÷40	31	8.2	13	27.5	60	3/90
MT50S-GC	50	31	9.5	13	27.3	60	3/90
MT50R-GC	50	31	8.7	13	27.4	60	3/90
MT70S-GC	63÷70	36	11	20	32	70	3/30
MT95R-GC	80÷95	41	12	20	36.8	80	3/30
MT95S-GC	95÷100	41	13.5	20	36.5	80	3/30
MT150R-GC	80÷95	40	15	23	36	80	3/30
MT150S-GC	150÷160	40	16.5	23	36	80	3/30
MT200R-GC	160÷200	51	17	23	45.9	100	3/30
MT240R-GC	200÷240	51	19.2	30	45.5	100	3/30
MT315R-GC	240÷315	50	21.5	30	45	100	3/30
MT315S-GC	315	50	23.7	30	44.7	100	3/30
MT500-GC	500	58	30.3	39.5	52.5	118	3/15
MT35-GC	30	31	8.2	13	27.5	60	3/90
MT50-GC	50	31	9.5	13	27.3	60	3/90
MT70-GC	70	36	11	20	32	70	3/30
MT95-GC	95	41	13.5	20	36.5	80	3/30
MT120-GC	120	40	15	23	36.3	80	3/30
MT150-GC	150	40	16.5	23	36	80	3/30
MT185-GC	185	51	18	23	45.8	100	3/30
MT240-GC	240	50	20.5	30	45.3	100	3/30
MT300-GC	300	50	23	30	44.8	100	3/30
MT400-GC	400	61	27	35	54.8	120	3/15

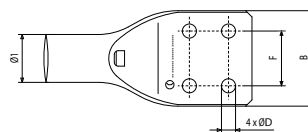
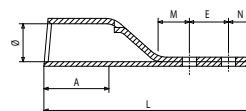
COMPATIBILITY

 mm²																					
CL. 2	0.25	1.5	4				35	50	70	95	120	150	185		240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

FOR COPPER CABLES

A-4ESI

RING CABLE LUG, 4-HOLE FLANGE,
FOR COPPER CONDUCTORS



The **four-hole cable lugs of the A-4ESI series** enable **reliable connections on copper conductors**. They are manufactured from **high-purity electrolytic copper tube** and undergo **annealing and electrolytic tin-plating processes** to facilitate **crimping and increase resistance to mechanical stress**.

The **four-hole palm** ensures **high fastening stability even under severe electrodynamic stresses**. The **barrel** features a **chamfer to facilitate conductor insertion and an inspection hole to verify correct conductor positioning**.

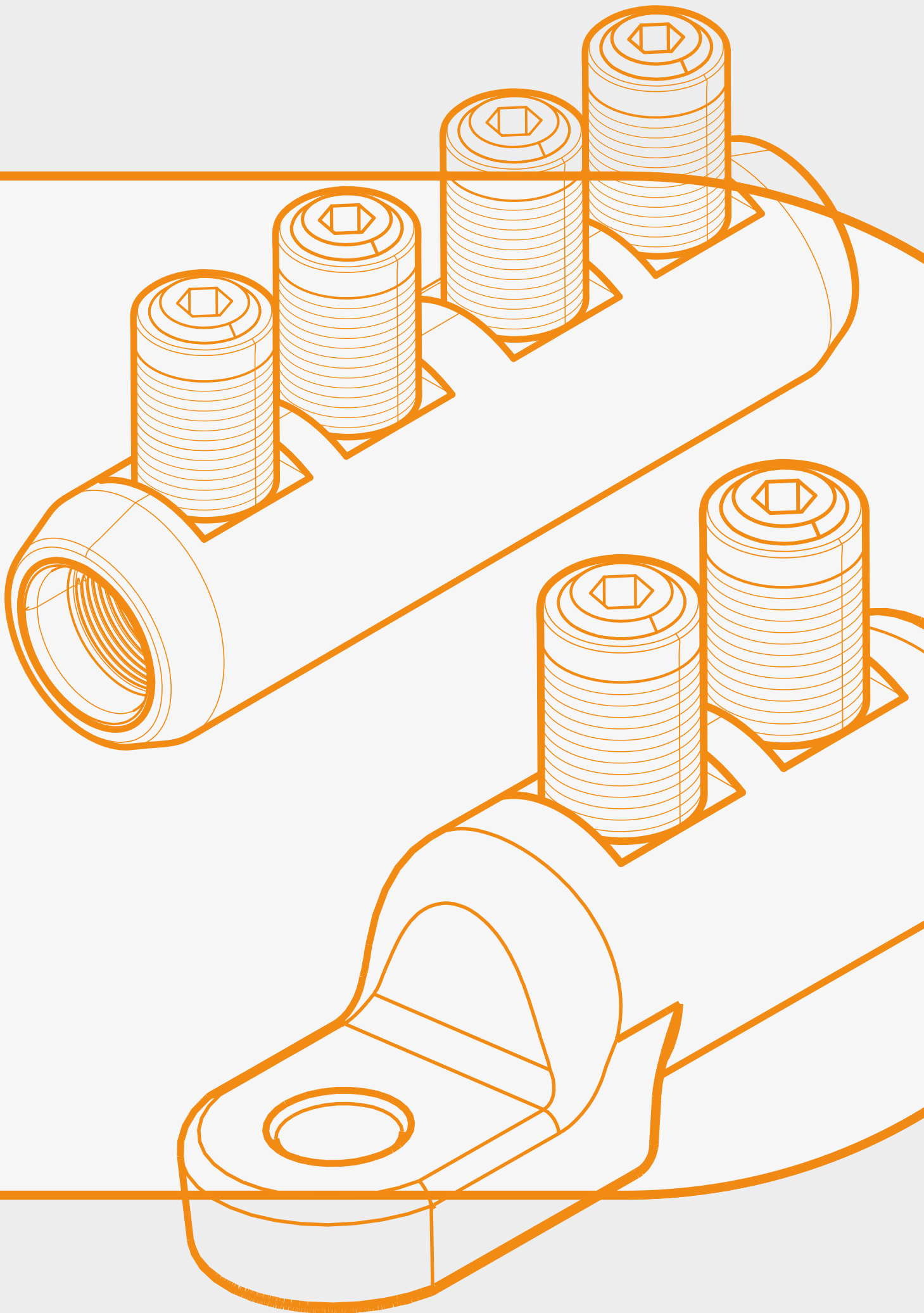
TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	4
Easy insertion input	✓

WEIGHT AND DIMENSIONS	
M	20 mm
MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolytic copper with purity above 99.95%
Surface treatment	tin plating

TYPE	Range of cable cross section [mm²]		Screw pitch	Spy hole	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	E [mm]	F [mm]	Minimum/standard packaging quantity [PCE]
	Flexible	Low stranded														
A37-4ESI	150÷185	185		✓	35	19.2	30	9	61	31	124	84	15	25	35	10/20
A48-4ESI	185÷240	240		✓	47	21.1	27.2	9	61	42	128	88	15	25	35	10/20
A60-4ESI	240÷300	300		✓	44	23.7	30.6	9	61	40	133	118	15	25	35	5/15
A80-4ESI	300÷400	400		✓	50	27	35	9	61	45	134	119	15	25	35	5/15
A100-4ESI	400÷500	500		✓	51	30.3	39.5	9	61	46	139	124	15	25	35	5/10
A120-4ESI	500÷630	630		✓	60	33.4	42.6	9	61.6	54	144	129	15	25	35	5/10
A160-4ESI	630	800		✓	63	38	50	9	61	57	158	118	15	25	35	1/7
A200-4ESI	800	1000		✓	77	44	56	9	80	70	173	133	15	25	35	1/6
2A120-4ESI	500÷630	630			94	33.4	42.6	9	61	85	178	163	15	25	35	5/10
A200B-4M10-S	800	1000	M10		77	44	56	10.5	80	70	185	135	20	30	30	2/6
A200-4M10-30-32	800	1000	M10	✓	77	44	56	11	80	70	184	135	19	30	32	2/6

COMPATIBILITY

mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
520 kN																					

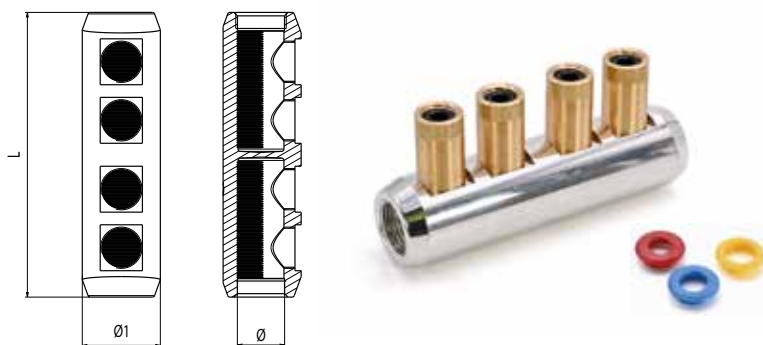


CABLE LUGS WITH FUSE SCREW CONNECTION

CABLE TERMINALS AND CONNECTORS WITH FUSE SCREW CONNECTION

MBS50-240E

MECHANICAL FUSE SCREW CONNECTOR



The **mechanical joints** connect or extend **two electrical cables**.

- **Cable cross section:** 50–240 mm² (1–1/10 AWG - 500 MCM)
- **Stable and uniform contact**
- **Transverse grooves** for **low resistance** and **long service life**, breaking down **aluminum oxides** on the conductor

- **Tinned aluminum body** with **stepless screws** and **anti-friction disc**
- **Removable centering pins** for **perfect alignment**
- **Performance certified** by **accredited laboratories** in accordance with **CEI EN 61238-1-3**

CENTERING DEVICE	CABLE CROSS SECTION [mm ²]
Red	50 - 70 - 95
Blue	120 - 150
Yellow	185
None	240

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of clamping elements	4
Geometry of the clamping element	Hexagonal wrench
Torque of the clamping element	40 Nm
Type of connector	butt blind connector
Grease inside the barrel	✓
Central stop	✓

WEIGHT AND DIMENSIONS	
Cable stripping length	63 mm
Inner diameter of the barrel	20 mm
Outer diameter of barrel	34 mm
Total length	124 mm
Spanner size	6 mm

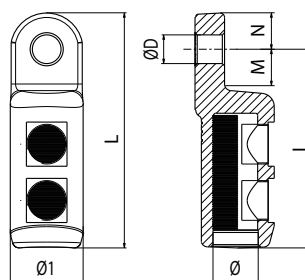
MATERIAL COMPOSITION AND TREATMENTS	
Centering device material	Polyamide PA6
Conductor body material	Aluminum with purity above 99.5 %
Clamping element material	brass
Surface treatment	tin plating

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	6

CABLE TERMINALS AND CONNECTORS WITH FUSE SCREW CONNECTION

MLA-E

MECHANICAL FUSE SCREW TERMINALS



The **MLA-E mechanical cable lugs** are designed for the safe and reliable connection of **copper and aluminum conductors** in modern **electricity generation, transformation and distribution systems**.

The connection is made via **mechanical clamping** with **stepless screws**: the screws have no predetermined breaking point and ensure the **optimal breaking torque** is achieved, reducing installation errors and improving **clamping quality**.

The **anti friction disc** ensures reduced friction for greater **contact force** and prevents **damage to the strands**.

CEMBRE screws also maintain **traceability after breakage** (batch number marked on the screw base), simplifying **maintenance** and ensuring **compliance with standards**.

They offer:

- **Easy installation**: no crimping tools required — a hex socket spanner is sufficient.
- **Reduced installation errors**: optimal breakaway torque guaranteed by **stepless technology**.
- **Versatility**: one **connector** covers multiple **conductor cross-sections**.
- **Reliability and safety**: **high-performance electrical contact** even in **harsh conditions**.
- **Guaranteed traceability**: markings remain visible after screw breakage.
- **Safer installation**: removable centering devices and protective caps eliminate sharp edges.

CENTERING DEVICE	CABLE SECTION [mm²]
Red	50 - 70 - 95
Blue	120 - 150
Yellow	185
None	240

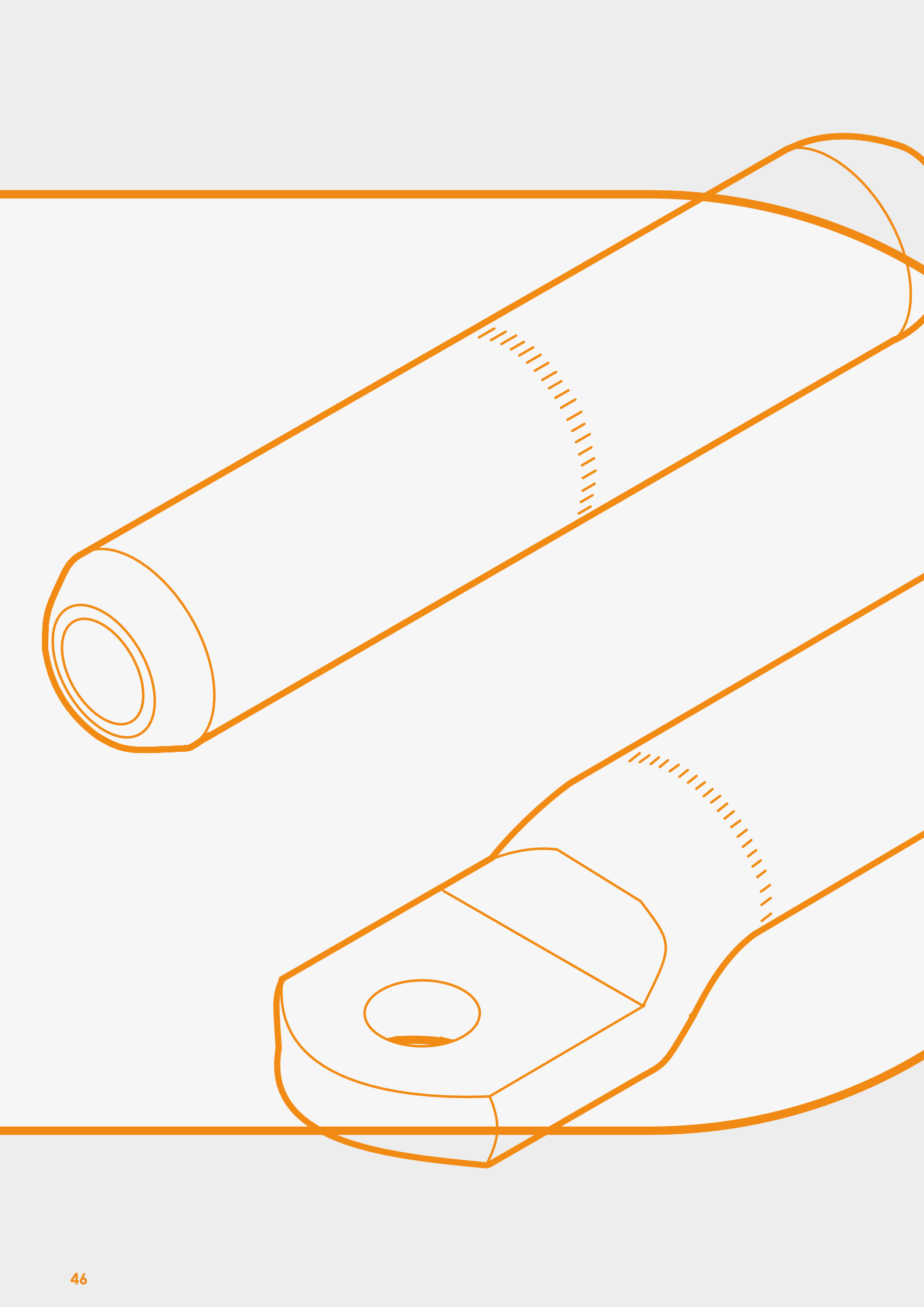
TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Number of clamping elements	2
Geometry of the clamping element	Hexagonal wrench
Torque of the clamping element	40 Nm
Grease inside the barrel	✓

WEIGHT AND DIMENSIONS	
Cable stripping length	63 mm

WEIGHT AND DIMENSIONS	
Ø	20 mm
Ø1	33 mm
B	32.2 mm
L	106.5 mm
I	90 mm
N	16.5 mm
M	18.5 mm
B	6 mm

MATERIAL COMPOSITION AND TREATMENTS	
Centering device material	Polyamide PA6
Conductor body material	Aluminum with purity above 99.5 %
Clamping element material	brass
Surface treatment	tin plating

TYPE	Screw pitch	ØD [mm]	Minimum/standard packaging quantity [PCE]
MLA50-240-12E	M12	13	1/6
MLA50-240-16E	M16	16.5	1/6



CABLE LUGS FOR ALUMINIUM CABLES

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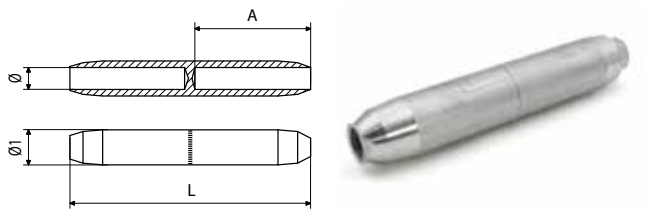


CABLE LUGS, NON-INSULATED

FOR ALUMINIUM CABLES

MTA

STRAIGHT CONNECTOR FOR MEDIUM VOLTAGE,
FOR ALUMINUM CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Type of connector	butt through connector
Grease inside the barrel	✓
Filler putty	✓

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %

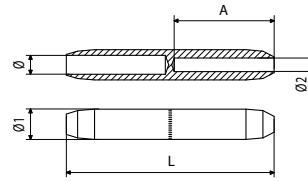
TYPE	Range of cable cross section [mm²]	Central stop	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity[PCE]
MTA35-20	35		74	5.5	20	67	138	3/30
MTA50-GC	50	✓	75	9	20	68	138	3/45
MTA70	70		74	5.5	20	67	138	3/30
MTA95	95		74	9	20	67	138	3/30
MTA120	120		88	10.2	25	80	164	3/24
MTA150	150		88	12	25	80	164	3/24
MTA185	185		95	13.5	32	86	176	3/15
MTA240	240		95	15.5	32	86	176	3/15

COMPATIBILITY																			
																			
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630
FLEX							25	35	50	70	95	120	150		185	240	300	400	500
130 kN																			

FOR ALUMINIUM CABLES

MTA-GC

REDUCER CONNECTOR FOR MEDIUM VOLTAGE, BLIND,
FOR ALUMINUM OR COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Type of connector	butt blind connector
Grease inside the barrel	✓
Central stop	✓

TECHNICAL INFORMATION	
Filler putty	✓
MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %

TYPE	Range of cable cross section [mm²]		Cable stripping length [mm]	Ø1 [mm]	Ø [mm]	Ø2 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity [PCE]
	Aluminum	Aluminum, copper							
MTA70-50-GC	70	50	75	20	11	9	68	138	3/30
MTA95-50-GC	95	50	75	20	12.5	9	68	138	3/30
MTA95-70-GC	95	70	75	20	12.5	11	68	138	3/30
MTA120-95-GC	120	95	90	32	13.7	12.5	81	164	3/24
MTA150-95-GC	150	95	90	25	15.5	12.5	81	164	3/24
MTA150-120-GC	150	120	90	25	15.5	13.7	81	164	3/24
MTA185-50-GC	1185	50	96	32	17	9	87	176	3/15
MTA185-95-GC	185	95	96	32	17	12.5	87	176	3/15
MTA185-150-GC	185	150	96	32	17	15.5	87	176	3/15
MTA240-150-GC	240	150	96	32	19.5	15.5	87	176	3/15
MTA240-185-GC	240	185	96	32	19.5	17	87	176	3/15

COMPATIBILITY																					
		mm²																			
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
130 kN																					

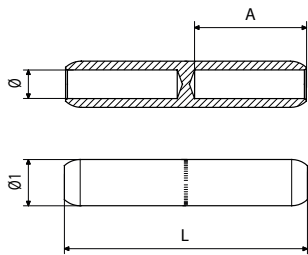


CABLE LUGS, NON-INSULATED

FOR ALUMINIUM CABLES

MTMA-GC

MULTI-VOLTAGE STRAIGHT CONNECTOR, BLIND, FOR ALUMINUM CONDUCTORS



MTMA-GC series reducer through connectors are manufactured to the same specification as MTMA- GC series through connectors.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Type of connector	butt blind connector
Grease inside the barrel	✓
Central stop	✓
Filler putty	✓

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %
CERTIFICATIONS	
Material compliant with UNI EN 573-3	✓

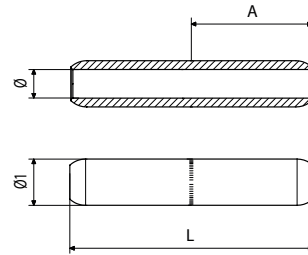
TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity[PCE]
MTMA10-GC	10	49	4.3	16	44.5	90.5	3/60
MTMA16-GC	16	49	5.5	16	44.25	90.5	3/60
MTMA25-GC	25	49	6.5	16	44.25	90.5	3/60
MTMA35-GC	35	49	8	16	44.25	90.5	3/60
MTMA35-20-GC	35	58	8	20	52.25	106.5	3/30
MTMA50-GC	50	56	9	20	50.6	106.5	3/30
MTMA70-GC	70	58	11	20	52.25	106.5	3/30
MTMA95-GC	95	60	12.5	20	54	110	3/30
MTMA120-GC	120	73	13.7	25	65.5	133	3/21
MTMA150-GC	150	74	15.5	25	66.5	135	3/21
MTMA185-GC	185	78	17	32	70.75	143.5	3/15
MTMA240-GC	240	76	21	32	68.2	146	3/15
MTMA300-GC	300	79	23.3	34	71.25	218	3/15
MTMAD300-GC	300	79	22.5	34	71.25	144.5	3/12
MTMA500-GC	500	119	29.1	47	108	218	3/12

COMPATIBILITY																					
 mm²																					
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
130 kN																					
230 kN																					

FOR ALUMINIUM CABLES

MTMA/1

MULTI-VOLTAGE STRAIGHT CONNECTOR, FOR ALUMINIUM CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Easy insertion input	✓
Type of connector	parallel through connector
Grease inside the barrel	✓

TECHNICAL INFORMATION	
Filler putty	✓
MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %

TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity [PCE]
MTMA16/1	15	50	5.5	16	45.25	90.5	3/60
MTMA25/1	25	50	6.5	16	45.25	90.5	3/60
MTMA35/1	35	50	8	16	45.25	90.5	3/60
MTMA50/1	50	59	9	20	53.25	106.5	3/30
MTMA70/1	70	59	11	20	53.25	106.5	3/30
MTMA95/1	95	59	12.5	20	53.25	106.5	3/30
MTMA120/1	120	74	13.7	25	66.5	133	3/30
MTMA150/1	150	74	15.5	25	66.75	133.5	3/21
MTMA185/1	185	79	17	32	71.75	143.5	3/15
MTMA240/1	240	79	19.5	32	71.75	143.5	3/15
MTMAD300/1	300	75	22.5	40	67.5	135	3/15
MTMA300-36/1	300	115	23.3	36	104	208	3/15
MTMA400/1	400	120	26	40	109	218	3/15
MTMA500-40/1	500	120	29.1	40	109	218	3/15
MTMA630/1	630	121	32.5	47	109.25	218.5	3/12

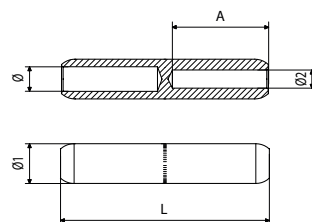


CABLE LUGS, NON-INSULATED

FOR ALUMINIUM CABLES

MTMA--GC

MULTI-VOLTAGE REDUCER CONNECTOR, BLIND,
FOR ALUMINUM OR COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Grease inside the barrel	✓
Central stop	✓

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %
CERTIFICATIONS	
Material compliant with UNI EN 573-3	✓

TYPE	Range of cable cross section [mm²]		Type of connector	Filler putty	Cable stripping length [mm]	Ø1 [mm]	Ø [mm]	Ø2 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity [PCE]
	Aluminum	Aluminum, Copper									
MTMA10-6-GC	10	6	butt through connector	✓	49	16	4.3	3.3	44.25	90.5	3/60
MTMA35-25-GC	35	25	butt blind connector	✓	47	16	8	6.5	49	90.5	3/60
MTMA16-10-GC	16	10	butt blind connector	✓	49	16	5.5	4.3	44.25	90.5	3/60
MTMA25-10-GC	25	10	butt blind connector	✓	49	16	6.5	4.3	44.25	90.5	3/60
MTMA25-16-GC	25	16	butt blind connector	✓	49	16	6.5	5.5	44.25	90.5	3/60
MTMA50-25-GC	50	25	butt blind connector	✓	58	20	9	6.5	52.25	106.5	3/30
MTMA50-35-GC	50	35	butt blind connector	✓	58	20	9	8	52.25	106.5	3/30
MTMA70-35-GC	70	35	butt blind connector	✓	58	20	11	8	52.25	106.5	3/30
MTMA70-50-GC	70	50	butt blind connector	✓	58	20	11	9	52.25	106.5	3/30
MTMA95-35-GC	95	35	butt blind connector	✓	58	20	12.5	8	52.25	106.5	3/30
MTMA95-50-GC	95	50	butt blind connector	✓	60	20	12.5	9	54	109.4	3/30
MTMA95-25-GC	95	25	butt blind connector	✓	58	20	12.5	6.5	52.25	106.5	3/30
MTMA95-50-GC-D	95	50	butt blind connector		70	25	12.5	9	63.2	133	3/24
MTMA95-70-GC	95	70	butt blind connector	✓	58	20	12.5	11	52.25	106.5	3/30
MTMA120-35-GC	120	35	butt blind connector	✓	73	25	13.7	8	65.5	133	3/30
MTMA120-70-GC	120	70	butt blind connector	✓	73	25	13.7	11	65.5	133	3/21
MTMA150-35-GC	150	35	butt blind connector	✓	73	25	15.5	8	65.5	133	3/30
MTMA120-95-GC	120	95	butt blind connector	✓	73	25	13.7	12.5	65.5	133	3/30
MTMA150-50-GC	150	50	butt blind connector	✓	73	25	15.5	9	65.5	133	3/30
MTMA150-70-GC	150	70	butt blind connector	✓	73	25	15.5	11	65.5	133	3/24
MTMA150-95-GC	150	95	butt blind connector	✓	74	25	15.5	12.5	66.5	134.4	3/21
MTMA150-120-GC	150	120	butt blind connector	✓	73	25	15.5	13.7	65.5	133	3/21
MTMA185-70-GC	185	70	butt blind connector	✓	78	32	17	11	70.75	143.5	3/15
MTMA185-95-GC	185	95	butt blind connector	✓	78	32	17	12.5	70.75	143.5	3/15
MTMA185-120-GC	185	120	butt blind connector	✓	78	32	17	13.7	70.75	143.5	3/15
MTMA185-150-GC	185	150	butt blind connector	✓	78	32	17	15.5	70.75	143.5	3/15
MTMA240-150-GC	240	150	butt blind connector	✓	78	32	19.5	15.5	70.75	143.5	3/15
MTMA240-70-GC	240	70	butt blind connector	✓	78	32	19.5	11	70.75	143.5	3/15
MTMA240-95-GC	240	95	butt blind connector	✓	78	32	19.5	12.5	70.75	143.5	3/15
MTMA240-120-GC	240	150	butt blind connector	✓	78	32	19.5	13.7	70.75	143.5	3/15
MTMA240-185-GC	240	185	butt blind connector	✓	78	32	19.5	17	70.75	143.5	3/15
MTMAD300-95-GC	300	95	butt blind connector	✓	79	34	22.5	12.5	71.25	144.5	3/15
MTMAD300-70-GC	300	70	butt blind connector	✓	79	34	22.5	11	71.25	144.5	3/15
MTMAD300-125-GC	300	125	butt blind connector	✓	79	34	22.5	15	71.25	144.5	3/15
MTMAD300-150-GC	300	150	butt blind connector	✓	79	34	22.5	15.5	71.25	144.5	3/15
MTMAD300-185-GC	300	185	butt blind connector	✓	79	34	22.5	17	71.25	144.5	3/15
MTMAD300-240-GC	300	240	butt blind connector	✓	79	34	22.5	19.5	71.25	144.5	3/12
MTMA400-240-GC	400	240	butt blind connector	✓	119	40	26	19.5	108	218	3/15
MTMA400-300-GC	400	300	butt blind connector	✓	116	40	26	23.3	105	218	3/15
MTMA500-300-GC	500	300	butt blind connector	✓	114	47	29.1	23.3	102.95	218.5	3/12
MTMA500-400-GC	500	400	butt blind connector	✓	120	47	29.1	26	108.25	218.5	3/12

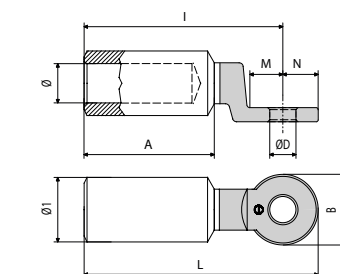
COMPATIBILITY																					
	mm²																				
CL. 2	0.25 ÷	1.5 ÷	4 ÷	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
130 kN																					
230 kN																					

FOR ALUMINIUM CABLES

CAA-M

ALUMINUM/COPPER BIMETAL RING TERMINAL,
FOR ALUMINUM CONDUCTORS

The barrels of series CAA-M connectors are made from Aluminium of a purity equal to or greater than 99,5%. The barrel is friction welded to the palm thus achieving the best possible transition between the Copper



palm and Aluminium barrel. Barrels are capped and filled with grease so as to avoid oxidation of the Aluminium.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Grease inside the barrel	✓
Filler putty	✓

MATERIAL COMPOSITION AND TREATMENTS	
Barrel material	Aluminum with purity above 99.5 %

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Bimetallic (electrolytic copper with purity above 99.95% and aluminum with purity above 99.5%)
Palm material	Electrolytic copper with purity above 99.95%
CERTIFICATIONS	
Material compliant with UNI EN 13601	✓
Material compliant with UNI EN 573-3	✓

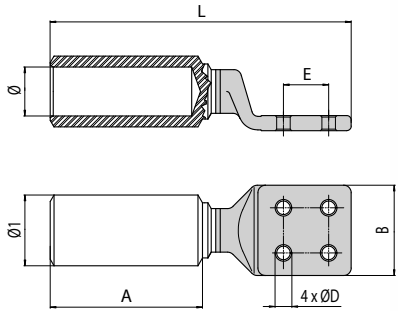
TYPE	Range of cable cross section [mm²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity[PCE]
CAA120-M10	120	M10	65	13.7	25	10.5	31	59	111	95.5	15.5	15.5	3/3
CAA10-M12	10	M12	48	4.3	16	13	24	43	87	75	12	13	3/60
CAA16-M12	16	M12	48	5.5	16	13	24	43	87	75	12	13	3/60
CAA25-M12	25	M12	48	6.5	16	13	24	43	87	75	12	13	3/60
CAA35-M12	35	M12	48	8	16	13	24	43	87	75	12	13	3/45
CAA35-20-M12	35	M12	48	8	20	13	24	43	87	75	12	13	3/45
CAA50-M12	50	M12	48	9	20	13	24	43	87	75	12	13	3/30
CAA70-M8	70	M8	48	11	20	8.4	24	43	87	75	12	13	3/60
CAA70-M12	70	M12	48	11	20	13	24	43	87	75	12	13	3/30
CAA95-M10	95	M10	48	12.5	20	10.5	24	43	87	75	12	13	3/30
CAA95-M12	95	M12	48	12.5	20	13	24	43	87	75	12	13	3/30
CAA120-M12	120	M12	65	13.7	25	13	31	59	111	95.5	15.5	15.5	3/24
CAA150-M12	150	M12	65	15.5	25	13	31	59	111	95.5	15.5	15.5	3/24
CAA185-M12	185	M12	63	17	32	13	35	57	116	98.5	17.5	17.5	3/18
CAA240-M12	240	M12	63	19.5	32	13	35	57	116	98.5	17.5	17.5	3/18
CAA300-34-M12	300	M12	65	22.5	34	13	35	59	120	102.5	17.5	17.5	3/15
CAA300-34-M14	300	M14	65	22.5	34	15	35	59	120	102.5	17.5	17.5	3/15
CAA300-M16	300	M16	101	23.3	40	16.5	35	91	152.5	135	17.5	17.5	3/9
CAA300-34-M16	300	M16	65	22.5	34	17	35	59	120	102.5	17.5	17.5	3/15
CAA400-M12	400	M12	101	26	40	13	35	91	152.5	135	17.5	17.5	3/9
CAA400-M16	400	M16	101	26	40	16.5	35	91	152.5	135	17.5	17.5	3/9
CAA500-M16-TNBD	500	M16	103	29.1	40	16.5	35	93	152.5	135	17.5	17.5	3/9

COMPATIBILITY																						
	mm²																					
CL. 2	0.25	1.5	4				35	50	70	95	120	150	185		240	300	400	500	630	800	1000	
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800	
130 kN																						
230 kN																						

FOR ALUMINIUM CABLES

CAA630-4M8

ALUMINIUM/COPPER BIMETALLIC CABLE LUG,
FOR ALUMINIUM CONDUCTORS



TECHNICAL INFORMATION	
Range of cable cross section	630 mm ²
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	4
Easy insertion input	✓
Filler putty	✓

WEIGHT AND DIMENSIONS	
Cable stripping length	106 mm
Screw pitch	M8
Ø	32.5 mm
Ø1	47 mm
ØD	9 mm
B	60 mm
A	95.7 mm

WEIGHT AND DIMENSIONS	
L	200 mm
E	30 mm

MATERIAL COMPOSITION AND TREATMENTS	
Barrel material	Aluminum with purity above 99.5 %
Conductor body material	Bimetallic (electrolytic copper with purity above 99.95% and aluminum with purity above 99.5%)
Palm material	Electrolytic copper with purity above 99.95%

LOGISTIC	
Minimum packaging quantity	3
Standard packaging quantity	9

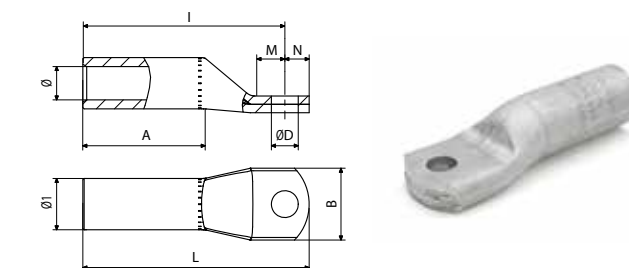
FOR ALUMINIUM CABLES

AA-M

MONOMETAL RING TERMINAL, FOR ALUMINUM CONDUCTORS

AA-M series terminals are made from Aluminium of a purity equal to or greater than 99.5%. They are designed to accept a variety of conductor forms especially low stranded compacted conductors. Non circular

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Grease inside the barrel	✓



conductors may require pre-rounding prior to introduction to the terminal. Barrels are capped and filled with grease so as to avoid oxidation of the Aluminium.

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %
CERTIFICATIONS	
Material compliant with UNI EN 573-3	✓

TYPE	Range of cable cross section [mm²]	Screw pitch	Filler putty	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
AA16-M8	16	M8	✓	48	5.5	16	8.4	21	43	77	66	11	13	3/60
AA25-M8	25	M8	✓	48	6.5	16	8.4	21	43	77	66	11	13	3/60
AA35-M8	35	M8	✓	48	8	16	8.4	23	43	77.5	66.5	11	13	3/60
AA35-M10	35	M10	✓	48	8	16	10.5	23	43	77.5	66.5	11	13	3/60
AA50-M12	50	M12	✓	52	9	20	13.2	26	47	91	77	14	16	3/45
AA50-M14	50	M14	✓	52	9	20	15	26	47	95	79	16	18	3/60
AA70-M12	70	M12	✓	52	11	20	13.2	27	47	91	77	14	16	3/45
AA70-M14	70	M14	✓	52	11	20	15	27	47	95	79	16	18	3/45
AA95-M10	95	M10	✓	52	12.5	20	10.5	27	47	85	74	11	13	3/45
AA95-M12	95	M12	✓	52	12.5	20	13.2	27	47	91	77	14	16	3/30
AA95-M14	95	M14	✓	52	12.5	20	15	27	47	95	79	16	18	3/45
AA95-M16	95	M16	✓	52	12.5	20	17	27	47	97	80	17	19	3/30
AA120-M10	120	M10	✓	71	13.7	25	10.5	35	64	109	98	11	13	3/30
AA120-M14	120	M14	✓	71	13.7	25	15	35	64	119	103	16	18	3/30
AA150-M12	150	M12	✓	71	15.5	25	13.2	34	64	115	101	14	16	3/24
AA150-M14	150	M14	✓	71	15.5	25	15	34	64	119	103	16	18	3/30
AA150-M16	150	M16	✓	71	15.5	25	17	34	64	121	104	17	19	3/30
AA185-M12	185	M12	✓	71	17	32	13.2	42	64	122	108	14	20	3/15
AA185-M14	185	M14	✓	71	17	32	15	42	64	126	110	16	22	3/18
AA185-M16	185	M16	✓	71	17	32	17	42	64	127	110	17	22	3/15
AA240-M12	240	M12	✓	69	19.5	32	13.2	44	62	122	108	14	20	3/15
AA240-M14	240	M14	✓	69	19.5	32	15	44	62	126	110	16	22	3/15
AA240-M16	240	M16	✓	49	19.5	32	17	44	44	129	110	19	22	3/15
AA300-M16	300	M16	✓	105	23.3	40	17	54	95	177	158	19	22	3/12
AA300-34-M12	300	M12	✓	73	22.5	34	13.2	47	66	130	116	14	22	3/15
AA300-34-M14	300	M14	✓	73	22.5	34	15	47	66	132	116	16	22	3/15
AA300-34-M16	300	M16	✓	73	22.5	34	17	47	66	133	116	17	19	3/15
AA400-M16	400	M16	✓	105	26	40	17	56	95	172	155	17	22	3/15
AA500-40-M16	500	M16	✓	112	29.1	40	17	57	101	177	158	19	22	3/12
AA630-M16	630	M16	✓	112	32.5	47	17	70	101	177	158	19	22	3/9

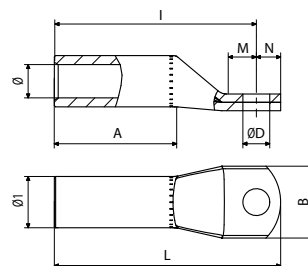
COMPATIBILITY

	mm²															
CL. 2	0.25	1.5	4													
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	240	300	400
130 kN																
230 kN																

FOR ALUMINIUM CABLES

AAD-M

MONOMETAL RING TERMINAL, FOR ALUMINUM CONDUCTORS



Terminals type AAD..-M.. are made from Aluminium tube of a purity equal or greater than 99,5%. They are suitable for Aluminium conductors according to DIN EN 50182, up to 10 kV. All terminals are filled with a

special grease that avoids Aluminium oxidation after crimping thereby assuring an optimal compression. Barrel is closed with a cap for storage and transport. Bright surface finish

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Grease inside the barrel	✓

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %

TYPE	Cable stripping length [mm]	Screw pitch	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
AAD16-M8	36	M8	5.8	12	8.4	18	32	52	52	11	13	50/200
AAD16-M10	36	M10	5.8	12	10.5	18	32	52	52	11	13	50/200
AAD25-M8	41	M8	6.8	12	8.4	19	37	71	60	11	13	50/100
AAD25-M10	41	M10	6.8	12	10.5	19	37	71	60	11	13	50/100
AAD35-M8	47	M8	8	14	8.4	21	42	78	67	11	15	35/70
AAD35-M10	47	M10	8	14	10.5	21	42	78	67	11	15	35/70
AAD35-M12	47	M12	8	14	13	23	42	81	67	14	15	35/70
AAD50-M8	47	M8	9.8	16	8.4	25	42	83	72	11	18	30/60
AAD50-M10	47	M10	9.8	16	10.5	25	42	83	72	11	18	30/60
AAD50-M12	47	M12	9.8	16	13	25	42	86	72	14	18	30/60
AAD70-M10	58	M10	11.2	18.5	10.5	28	52	94	83	11	18	15/60
AAD70-M12	58	M12	11.2	18.5	13	28	52	97	83	14	18	15/60
AAD70-M16	58	M16	11.2	18.5	17	28	52	100	83	17	18	15/60
AAD95-M10	61	M10	13.2	22	10.5	32	55	101	90	11	18	10/20
AAD95-M12	61	M12	13.2	22	13	32	55	104	90	14	18	10/20
AAD95-M16	61	M16	13.2	22	17	34	55	107	90	17	18	10/20
AAD120-M10	61	M10	14.7	23	10.5	32	55	102	91	11	18	10/20
AAD120-M12	61	M12	14.7	23	13	32	55	105	91	14	18	10/20
AAD120-M16	61	M16	14.7	23	17	34	55	108	91	17	18	10/20
AAD150-M10	66	M10	16.5	25	10.5	35	60	115	104	11	20	8/16
AAD150-M12	66	M12	16.5	25	13	35	60	118	104	14	20	8/16
AAD150-M16	66	M16	16.5	25	17	35	60	121	104	17	20	8/16
AAD150-M20	66	M20	16.5	25	21	41	60	124	104	20	20	8/16
AAD185-M12	66	M12	18.3	28.5	13	40	60	119	105	14	20	15/15
AAD185-M16	66	M16	18.3	28.5	17	40	60	122	105	17	20	15/15
AAD185-M20	66	M20	18.3	28.5	21	40	60	125	105	20	20	15/15
AAD240-M12	77	M12	21	32	13	45	70	133	119	14	24	6/12
AAD240-M16	77	M16	21	32	17	45	70	136	119	17	24	12/12
AAD240-M20	77	M20	21	32	21	45	70	139	119	20	24	12/12
AAD300-M12	77	M12	23.3	34	13	49	70	139	125	14	25	9/9
AAD300-M16	77	M16	23.3	34	17	49	70	142	125	17	25	9/9
AAD300-M20	77	M20	23.3	34	21	49	70	145	125	20	25	9/9
AAD400-M12	110	M12	26	38.5	13	55	100	179	165	14	25	3/9
AAD400-M16	110	M16	26	38.5	17	55	100	182	165	17	25	3/9
AAD400-M20	110	M20	26	38.5	21	55	100	185	165	20	25	3/9
AAD500-M12	110	M12	29	44	13	63	100	179	165	14	25	3/9
AAD500-M16	110	M16	29	44	17	63	100	182	165	17	25	3/9
AAD500-M20	110	M20	29	44	21	63	100	185	165	20	25	3/9



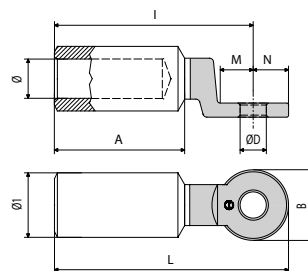
CABLE LUGS, NON-INSULATED

COMPATIBILITY																				
 mm²																				
CL. 2	0.25	1.5	4																	
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800
							25	35	50	70	95	120	150		185	240	300	400	500	630
45 kN																				
HT51																				
50 kN																				
60 kN																				
80 kN																				
130 kN																				
230 kN																				
450 kN																				
520 kN																				

FOR ALUMINIUM CABLES

CAAD-M

ALUMINUM/COPPER BIMETAL RING TERMINAL,
FOR ALDREY CONDUCTORS, DIN 46329



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
Grease inside the barrel	✓

MATERIAL COMPOSITION AND TREATMENTS	
Barrel material	Aluminum with purity above 99.5 %

MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Bimetallic (electrolytic copper with purity above 99.95% and aluminum with purity above 99.5%)
Palm material	Electrolytic copper with purity above 99.95%

CERTIFICATIONS	
Material compliant with UNI EN 13601	✓
Material compliant with UNI EN 573-3	✓

TYPE	Range of cable cross section [mm²]	Screw pitch	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	ØD [mm]	B [mm]	A [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
CAAD16-M12	16	M12	26	5.5	12	13	24	23	69	57	12	13	3/90
CAAD25-M12	25	M12	38	6.8	12	13	24	34	76	64	12	13	3/60
CAAD35-M12	35	M12	46	8	14	13	24	41	83	71	12	13	3/60
CAAD50-M12	50	M12	46	10	16	13	24	41	83	71	12	13	3/60
CAAD70-M12	70	M12	55	11.5	18.5	13	24	50	93	81	12	13	3/60
CAAD95-M12	95	M12	57	13.5	23	13	24	51	96	84	12	13	3/30
CAAD120-M12	120	M12	57	15	23	13	31	51	103	87.5	15.5	15.5	3/30
CAAD150-M12	150	M12	68	16.5	25.5	13	31	61	113	97.5	15.5	15.5	3/24
CAAD150-M16	150	M16	68	16.5	25.5	17	31	61	113	97.5	15.5	15.5	3/30
CAAD185-M12	185	M12	68	18.5	28.5	13	35	61	120	102.5	17.5	17.5	3/24
CAAD240-M12	240	M12	79	21.5	32.5	13	35	71	130	112.5	17.5	17.5	3/15
CAAD240-M16	240	M16	79	21.5	32.5	17	35	71	130	112.5	17.5	17.5	3/15

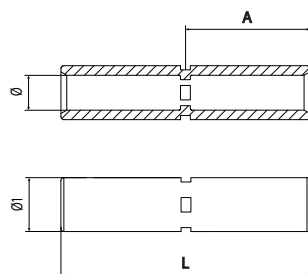


CABLE LUGS, NON-INSULATED

FOR ALUMINIUM CABLES

DSVA

CONNECTOR, FOR ALLUMINIUM CONDUCTORS



Crimping through connectors type DSA.. are manufactured according to DIN 46267 part 2. The aluminum tube has a purity equal to or greater than 99.5%. The crimping through connectors are suitable for aluminum conductors according to DIN EN 50182, up to 10 kV. All connectors are

filled with a special grease that avoids aluminum oxidation after crimp and thus guarantees an optimal compression. Barrels are capped for storage and transport.

TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Easy insertion input	✓
Type of connector	butt through connector
Grease inside the barrel	✓

TECHNICAL INFORMATION	
Central stop	✓
MATERIAL COMPOSITION AND TREATMENTS	
Conductor body material	Aluminum with purity above 99.5 %

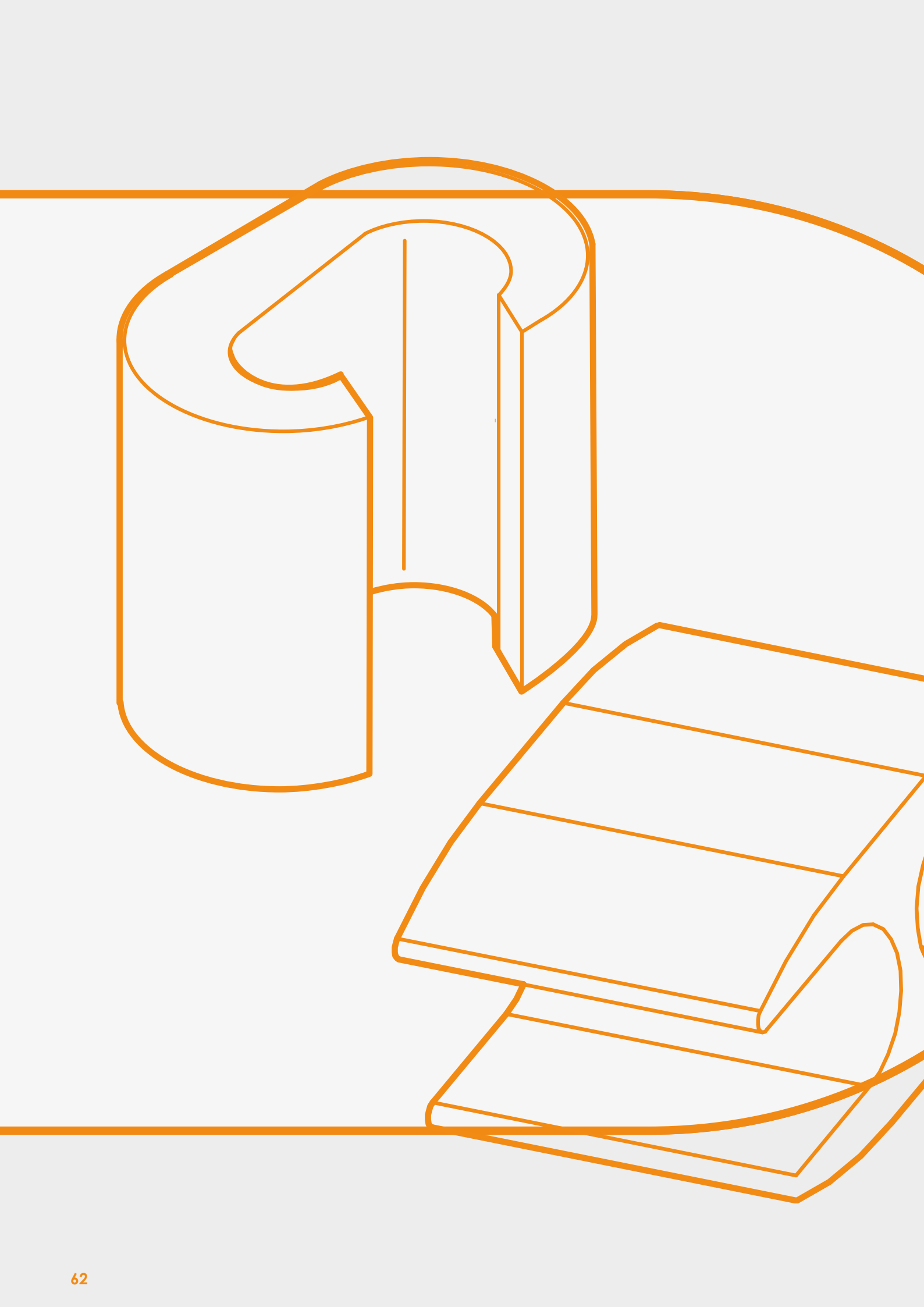
TYPE	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	A [mm]	L [mm]	Minimum/standard packaging quantity[PCE]
DSVA16	29	5.8	12	26	55	30/240
DSVA25	37	6.8	12	33.5	70	25/200
DSVA35	46	8	14	41	85	25/100
DSVA50	46	9.8	16	41	85	20/80
DSVA70	56	11.2	18.5	50.5	105	20/40
DSVA95	56	13.2	22	50.5	105	15/30
DSVA120	56	14.7	23	50.5	105	15/30
DSVA150	66	16.5	25	60	125	10/20
DSVA185	66	18.3	28.5	60	125	10/20
DSVA240	77	21	32	69.5	145	5/10
DSVA300	77	23.3	34	69.5	145	10/10
DSVA400	112	26	38.5	101	210	3/9
DSVA500	112	29	44	101	210	3/9
DSVA625	175	35	52	159	330	4/16
DSVA800	185	40	58	168	350	3/3
DSVA1000	184	44	60	167	350	5/5

COMPATIBILITY

 mm²

CL. 2	0.25	1.5	4				35	50	70	95	120	150	185		240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
45 kN																					
HT51																					
50 kN																					
60 kN																					
80 kN																					
130 kN																					
230 kN																					
450 kN																					
520 kN																					







CABLE LUGS FOR EARTHING NETWORKS

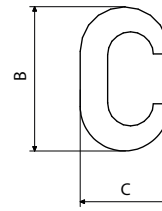
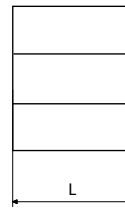


CABLE LUGS, NON-INSULATED

SLEEVE CONNECTORS

C-C

SLEEVE CONNECTOR, FOR COPPER CONDUCTORS



"C" connectors are manufactured from Copper profiles with a purity greater than 99.9%, and are suitable for a variety of uses either to create

an earthing network or tapping off from overhead distribution lines.

TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Annealing	✓
Minimum operating temperature	-50 °C	Conductor body material	Electrolytic copper with purity above 99.95%

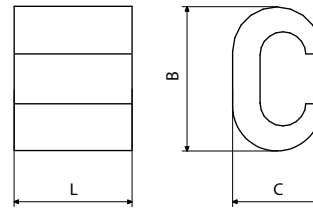
TYPE	Type of branch circuit		Cross section range of the through cable [mm²]	Cross section range of the branch cable [mm²]	Cable cross sections for joining two running conductors [mm²]	C [mm]	B [mm]	L [mm]	Minimum/standard packaging quantity[PCE]
	Tap; Joint	Joining two running conductors							
C6-C6	✓		2.5÷6	1.5÷6		9	6.4	9.8	100/1500
C10-C10	✓		10	1.5÷10		12	8.4	12.6	100/500
C16-C16	✓		16	1.5÷16		17	12	19.4	100/400
C25-C10	✓		16÷25	1.5÷10		17	13	19.8	50/400
C25-C25	✓		25	16÷25		17	13	21.4	50/300
C35-C16	✓	✓	35÷40	1.5÷16	25-25	21	15.4	24.6	25/200
C35-C35	✓	✓	35÷40 50	25÷40 10÷25	35-35	21	15.6	26.6	25/200
C70-C25N	✓		63÷70	1.5÷25		21	17.5	26.4	25/200
C50-C25	✓		50	4÷25		25	21	32.9	25/75
C50-C50	✓		50	35÷50		26	21	33	25/75
C70-C35	✓		50÷70	4÷40		28	21	33	25/75
C70-C70	✓	✓	50÷70	35÷70	50-50	28	21	34	25/75
C95-C35	✓		95÷100	4÷40		29	26	40.6	25/50
C95-C70	✓	✓	95÷100	40÷70	63-63 70-70	29	26	41	25/50
C95-C95	✓		95÷100	63÷100		29	26	41	25/50
C120-C120	✓		110÷125	25÷125		30	28	45	15/30
C150-C120	✓	✓	125 150÷160	125 25÷125	95-95 120-120	31	28	45	15/30
C150-C150	✓	✓	125 150	125 63÷150	125-125	30	28	45	15/30
C185-C95	✓	✓	185	16÷100	120-120 125-125	31	28	45	15/30
C185-C185	✓		120÷185	120÷185		22.6	34	68	15/30
C240-C120	✓		150÷240	95÷120		22.6	34	68	15/30

COMPATIBILITY																			
		mm²																	
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630
FLEX	1.5	2.5	6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500
45 kN																			
HT51																			
50 kN																			
60 kN																			
80 kN																			
130 kN																			
230 kN																			
520 kN																			

SLEEVE CONNECTORS

C-CST

SLEEVE CONNECTOR, TIN-PLATED, FOR COPPER CONDUCTORS



TECHNICAL INFORMATION					MATERIAL COMPOSITION AND TREATMENTS				
Maximum operating temperature				150 °C	Annealing				✓
Minimum operating temperature				-50 °C	Conductor body material				Electrolitic copper with purity above 99.95%
					Surface treatment				tin plating

TYPE	Type of branch circuit		Cross section range of the through cable [mm²]	Cross section range of the branch cable [mm²]	Cable cross sections for joining two running conductors [mm²]	C [mm]	B [mm]	L [mm]	Minimum/standard packaging quantity[PCE]
C6-C6ST	✓		2.5÷6	1.5÷6		9	6.4	9.8	100/1500
C10-C10ST	✓		10	1.5÷10		12	8.4	12.6	100/500
C16-C16ST	✓		16	1.5÷16		17	12	19.4	100/400
C25-C10ST	✓		16÷25	1.5÷10		17	13	19.8	50/400
C25-C25ST	✓		25	16÷25		17	13	21.4	50/300
C35-C16ST	✓	✓	35÷40	1.5÷16	25-25	21	15.4	24.6	25/200
C35-C35ST	✓	✓	35÷40	25÷40	35-35	21	15.6	26.6	25/200
			50	10÷25					
C70-C25N-ST	✓		63÷70	1.5÷25		21	17.5	26.4	25/200
C50-C25ST	✓		50	4÷25		25	21	32.9	25/75
C50-C50ST	✓		50	35÷50		26	21	33	25/75
C70-C35ST	✓		50÷70	4÷40		28	21	33	25/75
C70-C70ST	✓	✓	50÷70	35÷70	50-50	28	21	34	25/75
C95-C35ST	✓		95÷100	4÷40		29	26	40.6	25/50
C95-C70ST	✓	✓	95÷100	40÷70	63-63	29	26	41	25/50
					70-70				
C95-C95ST	✓		95÷100	63÷100		29	26	41	25/50
C120-C120ST	✓		110÷125	25÷125		30	28	45	15/30
C150-C120ST	✓	✓	125	125	95-95	31	28	45	15/30
			150÷160	25÷125	120-120				
C150-C150ST	✓	✓	125	125	125-125	30	28	45	15/30
			150	63÷150					
C185-C95ST	✓	✓	185	16÷100	120-120	31	28	45	15/30
					125-125				
C185-C185ST	✓		120÷185	120÷185		22.6	34	68	15/30
C240-C120ST	✓		150÷240	95÷120		22.6	34	68	15/30

COMPATIBILITY																				
		mm²																		
CL. 2		0.25	1.5	4																
FLEX		÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630
45 kN																				
HT51																				
50 kN																				
60 kN																				
80 kN																				
130 kN																				
230 kN																				
520 kN																				

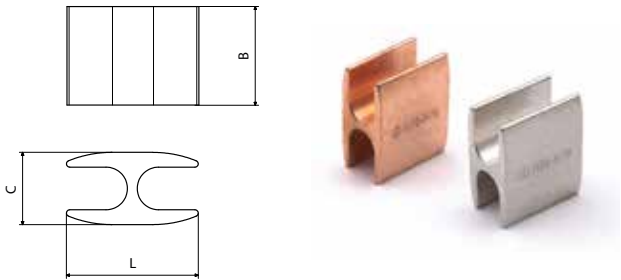


CABLE LUGS, NON-INSULATED

SLEEVE CONNECTORS

H-H

CONNECTORS FOR EARTHING NETWORKS, FOR
COPPER CONDUCTORS



H clamps are manufactured from Copper profiles with a purity greater than 99.9%, and are suitable for a earthing systems.

TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Annealing	✓
Minimum operating temperature	-50 °C	Conductor body material	Electrolitic copper with purity above 99.95%
Type of branch circuit	tap connection; joint connection	CERTIFICATIONS	
		DIN 48201	✓

TYPE	Cross section range of the branch cable [mm²]	Cross section range of the through cable [mm²]	C [mm]	B [mm]	L [mm]	Surface treatment	Minimum/standard packaging quantity[PCE]
H70-H70	70	70	34	17	28		25/100
H70-H70ST	70	70	34	17	28	tin plating	25/100
H95-H95	95	95	40	22	30		25/50
H95-H95ST	95	95	40	22	30	tin plating	25/50
H120-H120	120	120	43	24	25		15/30
H120-H120ST	120	120	43	24	25	tin plating	15/30

COMPATIBILITY

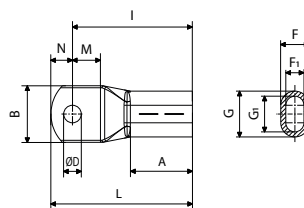
 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
130 kN																					
230 kN																					
450 kN																					
520 kN																					

SLEEVE CONNECTORS

DK-M

CABLE LUGS FOR EARTHING NETWORKS, FOR TWO COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Number of holes on the palm	1
Easy insertion input	✓
WEIGHT AND DIMENSIONS	
Screw pitch	M12
ØD	13 mm
MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolitic copper with purity above 99.95%
Surface treatment	tin plating
CERTIFICATIONS	
DIN 48201	✓

TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	F1 [mm]	F [mm]	B [mm]	A [mm]	G [mm]	G1 [mm]	L [mm]	I [mm]	N [mm]	M [mm]	Minimum/standard packaging quantity [PCE]
DK50-M12	50	43	10.75	17.25	34	39	27.1	20.6	93.5	79	14.5	22	10/30
DK70-M12	70	48	12	18.5	37	43.5	29.5	23	97.5	83	14.5	22	10/10
DK95-M12	95	54	13.5	21	42	49	34	26.5	108	92	16	23	10/10
DK120-M12	120	61	15.5	23	48	55	37	29.5	115	100.5	14.5	24	5/5

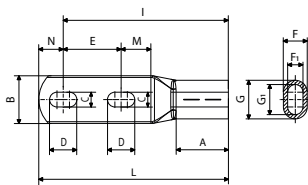
COMPATIBILITY																						
 mm²																						
CL. 2	0.25	1.5	4				35	50	70	95	120	150	185		240	300	400	500	630	800	1000	
FLEX	÷ 1.5	÷ 2.5	÷ 6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800	
130 kN																						
230 kN																						
450 kN																						
520 kN																						



SLEEVE CONNECTORS

DK-2M

CABLE LUGS FOR EARTHING NETWORKS, TWO-HOLE CONNECTION, FOR TWO COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Hole spacing range	40÷62 mm
Number of holes on the palm	2
Easy insertion input	✓
WEIGHT AND DIMENSIONS	
Screw pitch	M12
C	13 mm
D	24 mm
N	21.5 mm

WEIGHT AND DIMENSIONS	
M	25.5 mm
E	51 mm
MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolitic copper with purity above 99.95%
Surface treatment	tin plating
CERTIFICATIONS	
DIN 48201	✓

TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	F1 [mm]	F [mm]	B [mm]	A [mm]	G [mm]	G1 [mm]	L [mm]	I [mm]	Minimum/standard packaging quantity[PCE]
DK70-2M12-51AS	70	48	12	18.5	37	43.5	29.5	23	159	137.5	10/10
DK95-2M12-51AS	95	54	13.5	21	42	49	34	26.5	167	145.5	10/10
DK120-2M12-51AS	120	61	15.5	23	48	55	37	29.5	175	153.5	10/10

COMPATIBILITY

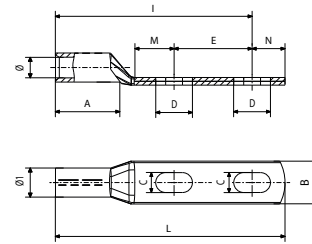
 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
130 kN																					
230 kN																					
450 kN																					
520 kN																					

SLEEVE CONNECTORS

DR-2M-51AS

CABLE LUGS FOR EARTH NETWORKS, WITH TWO SLOTTED HOLES, FOR COPPER CONDUCTORS



TECHNICAL INFORMATION	
Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Hole spacing range	40÷62 mm
Number of holes on the palm	2
Easy insertion input	✓
WEIGHT AND DIMENSIONS	
Screw pitch	M12
C	13 mm
D	24 mm
N	21.5 mm

WEIGHT AND DIMENSIONS	
M	25.5 mm
E	51 mm
MATERIAL COMPOSITION AND TREATMENTS	
Annealing	✓
Conductor body material	Electrolitic copper with purity above 99.95%
Surface treatment	tin plating
CERTIFICATIONS	
DIN 48201	✓

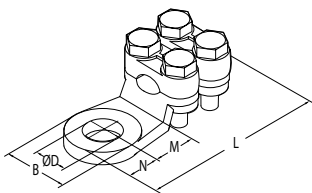
TYPE	Range of cable cross section [mm²]	Cable stripping length [mm]	Ø [mm]	Ø1 [mm]	B [mm]	A [mm]	L [mm]	I [mm]	Minimum/standard packaging quantity [PCE]
DR70-2M12-51AS	70	31	11.5	16.5	24	28	140	118.5	25/25
DR95-2M12-51AS	95	39	13.5	19	28	35	150	128.5	30/30
DR120-2M12-51AS	120	39	15.5	21	32	35	151	129.5	15/15

COMPATIBILITY																				
mm²																				
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630
TNE-D120																				
TN60C																				
45 kN																				
HT51																				
50 kN																				
60 kN																				
80 kN																				
130 kN																				
230 kN																				
520 kN																				



TERMINALS AND CONNECTORS WITH MECHANICAL TIGHTENING

21
CLAMP TERMINAL



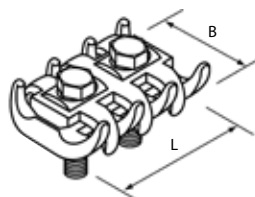
TECHNICAL INFORMATION		MATERIAL COMPOSITION AND TREATMENTS	
Maximum operating temperature	150 °C	Conductor body material	brass
Minimum operating temperature	-50 °C	Clamping element material	Galvanized steel
Number of holes on the palm	1	Surface treatment	nickel plating
Geometry of the clamping element	Hexagonal wrench		

TYPE	Range of cable cross section [mm²]	Screw pitch	Conductor housing range [mm]	Number of clamping elements	Torque of the clamping element [Nm]	B [mm]	L [mm]	N [mm]	M [mm]	Clamping element dimension [mm]	Minimum/standard packaging quantity[PCE]
2155	16	M8	4.5	2	3	18	39	9	12.5	5	100/100
2156	25	M8	6	2	3	19.5	43	9.75	13	5	50/150
2157	35	M12	7	2	3	23	49	11.5	15	5	50/100
2158	50	M12	8	4	5	23.5	57	11.75	16	6	25/50
2160	75	M12	10	4	5	28	65	14	20	6	25/25
2161	100	M12	13	4	5	31	66	15.5	17	6	25/25
2162	125	M15	14	4	10	33	71	16.5	18	7	25/25
2163	150	M14	16	4	10	34	75	17	19.5	7	25/25
2164	175	M15	16	4	10	36	78	18	21	7	25/25
2171	16	M10	4.5	2	3	18	39	9	12.5	5	100/100
2172	25	M10	6	2	3	19.5	43	9.75	13	5	100/100
2173	35	M14	7	2	3	23	49	11.5	15	5	50/50
2174	50	M14	8	2	5	25	56	12.5	17	5	50/50
2176	75	M16	10	4	5	28	65	14	20	6	25/25

TERMINALS AND CONNECTORS WITH MECHANICAL TIGHTENING

23

TWO-WIRE CLAMPS



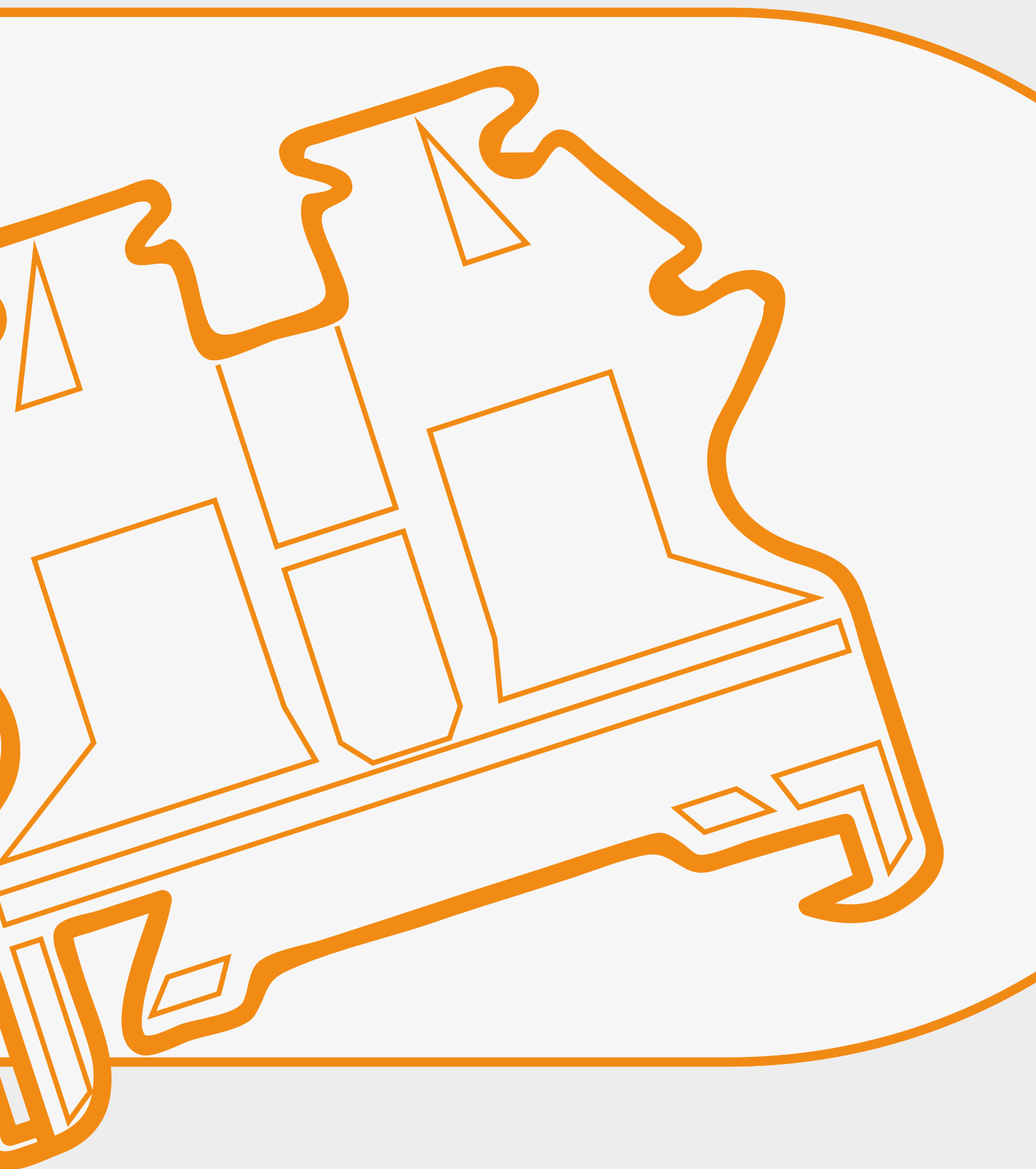
TECHNICAL INFORMATION

Maximum operating temperature	150 °C
Minimum operating temperature	-50 °C
Geometry of the clamping element	Hexagonal screw

MATERIAL COMPOSITION AND TREATMENTS

Conductor body material	brass
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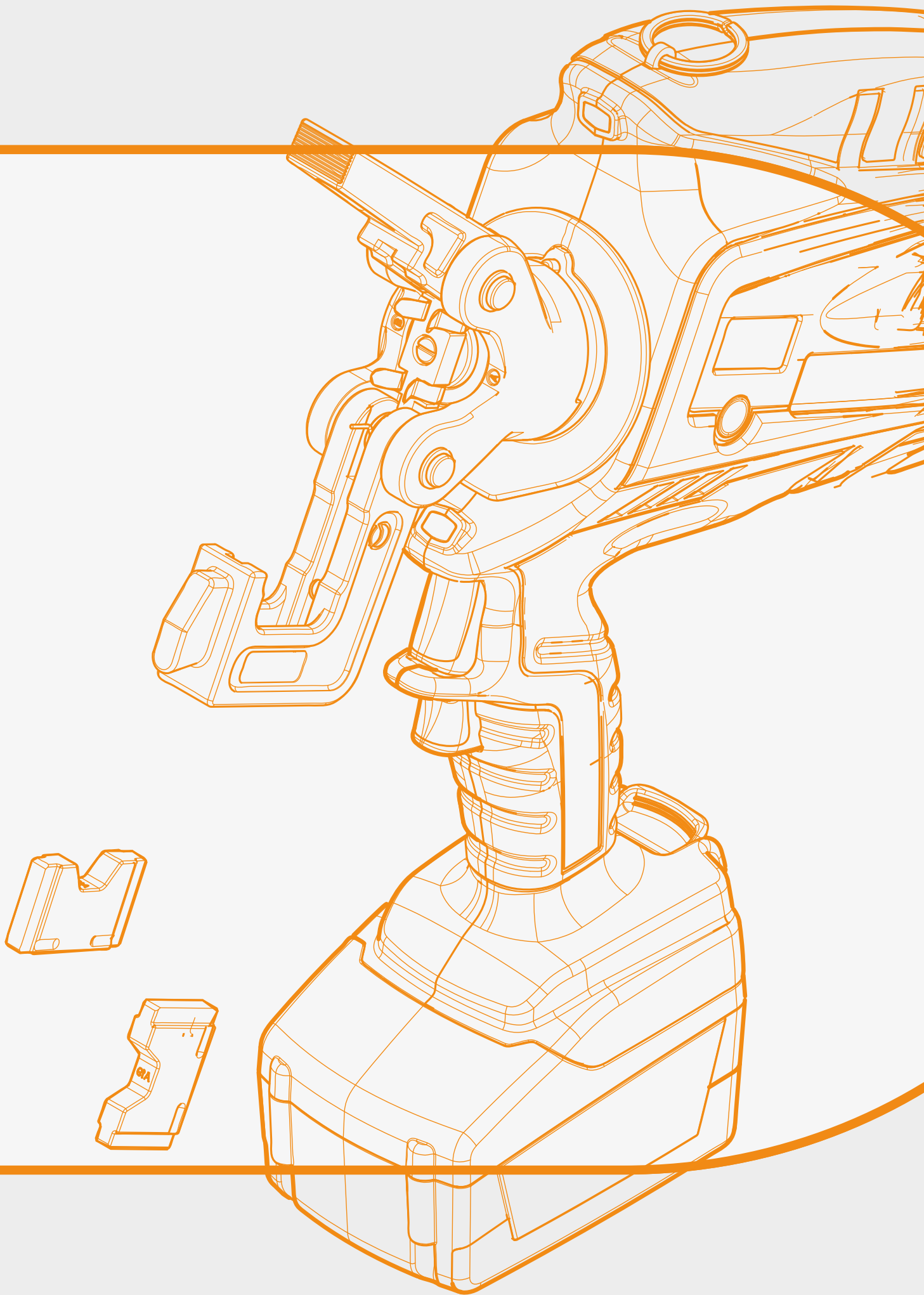
TYPE	Range of cable cross section [mm²]	Conductor housing range [mm]	Number of clamping elements	Torque of the clamping element [Nm]	B [mm]	L [mm]	Clamping element dimension [mm]	Clamping element material	Minimum/standard packaging quantity[PCE]
2323	6÷16	3÷5	1	8	24	20	6	White zinc plated steel	50/150
2326	16÷50	5÷8	1	15	32	28.4	8	Galvanized steel	25/50
2329	35÷70	7÷12	1	15	40	30		Zinc plated steel	10/40
2333	6÷16	3÷5	2	8	24.5	30	6	Galvanized steel	50/100
2336	16÷50	5÷8	2	15	32	40	8	Galvanized steel	10/40
2339	35÷70	7÷12	2	15	40	44	8	Galvanized steel	10/20
2342	50÷95	8÷14	2	35	48	48	10	Galvanized steel	10/10
2344	95÷150	12÷16	2	35	51	53		Zinc plated steel	10/10
2346	150÷300	16÷22	2	60	66	66		Stainless steel	5/5

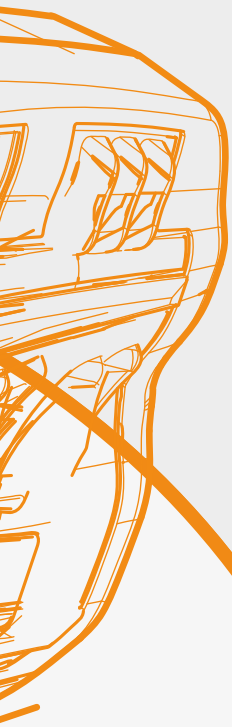


TERMINAL BLOCKS

Explore the complete CEMBRE range
in the dedicated catalog







BATTERY-POWERED HYDRAULIC TOOLS

CABLE CUTTERS	76
CRIMPING	88



BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTERS

B-TC250ND

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTER, BI-LINEAR, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 25 MM



The cordless hydraulic tool B-TC250ND is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes up to 25 mm in diameter. The head, equipped with high-strength special stainless steel blades, can rotate 180° to adapt the wire cutter to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety. Quiet and easy to handle, the B-TC250ND shearer has a balanced biaxial



design and an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Maximum cutting diameter	25 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	401x126x79 mm
Net weight in operation	3.5 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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EU

2 x CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P22 plastic case

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTERS

B-TC320ND

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTER, BI-LINEAR, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 32 MM



The cordless hydraulic tool B-TC320ND is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes up to 32 mm in diameter. Its head, equipped with high-strength special stainless steel blades, is open to allow rapid cutting of through wires by precise "scissor" movements. A 180-degree rotation allows the wire cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	32 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Scissor
Nominal hydraulic fluid pressure	526 bar
Pressure control system	max pressure valve
Release	Manual

Quiet and easy to handle, the B-TC320ND bolt cutter has a balanced biaxial design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area.

To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.



WEIGHT AND DIMENSIONS	
Dimensions	443x126x79 mm
Net weight in operation	3.95 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	2 x CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-M/X1 plastic case



BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTERS

B-TC250

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTER, PISTOL, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 25 MM



The cordless hydraulic tool B-TC250 is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes up to 25 mm in diameter. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. A 180-degree rotation allows the wire cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	25 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap ; VAL-P40 plastic case



Quiet and easy to handle, the B-TC250 wire cutter has a compact pistol design and an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights to illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	350x293x83 mm
Net weight in operation	4.7 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B-TC400ND-SC

BATTERY-POWERED HYDRAULIC CABLE CUTTER, BI-LINEAR, SUITABLE FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 40 MM



The B-TC400ND-SC is an ultra-compact battery-powered hydraulic cable cutter, ideal for cutting copper, aluminum, and telephone cables up to 40 mm in diameter. The scissor head with high-strength steel blades guarantees up to 14,000 cutting cycles at full load. Equipped with a maximum pressure valve, radial bearing transmission,

and automatic pressure relief, it ensures maximum safety and precision in every operation. The steel body, which is oil-leak-free and requires minimal maintenance, makes it reliable and durable.

Ergonomic, quiet, and compatible with SMARTOOL technology for digital management of usage data. Perfect for quick jobs, even in tight spaces.

TECHNICAL INFORMATION	
Maximum cutting diameter	40 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Scissor
Nominal hydraulic fluid pressure	620 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	466x111x80 mm
Net weight in operation	3.55 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-M/X1 plastic case



BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTERS

B-TC450

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTER, PISTOL, SUITABLE FOR CONDUCTORS AND ROPES IN CU, AL, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 45 MM



The cordless hydraulic tool B-TC450 is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes up to 45 mm in diameter. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. A 180-degree rotation allows the wire cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	45 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual



Quiet and easy to handle, the B-TC450 wire cutter has a compact pistol design and an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	400x349x88 mm
Net weight in operation	6.7 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P40 plastic case

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTERS

B-TC500Y

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTER, PISTOL, SUITABLE FOR COPPER AND ALUMINUM CABLES AND ALUMINUM-STEEL ROPES WITH MAX Ø 50 MM



The cordless hydraulic tool B-TC500Y is suitable for cutting copper, aluminum, alloy and aluminum-steel conductors and ropes with a maximum diameter of 50 mm. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through wires. A 90° rotation allows the wire cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	50 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual



Quiet and easy to handle, the B-TC500Y wire cutter has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	413x350x83 mm
Net weight in operation	5.9 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P40 plastic case



BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTERS

B-TC550

BATTERY-POWERED HYDRAULIC WIRE ROPE CUTTER, PISTOL, SUITABLE FOR CONDUCTORS AND ROPES IN CU, AL, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 55 MM



The cordless hydraulic tool B-TC550 is suitable for cutting copper, aluminum, aldreyl, stainless steel and aluminum-steel conductors and ropes up to 55 mm in diameter. Its head, equipped with high-strength special stainless steel blades, can be opened to allow rapid cutting of through cables. Rotation of 330° allows the wire cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	55 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	900 bar
Pressure control system	max pressure valve
Release	Manual

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P40 plastic case



Quiet and easy to handle, the B-TC550 wire cutter has a compact pistol design and an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	442x350x87 mm
Net weight in operation	9.2 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B-TC500ND-SC

BATTERY-POWERED HYDRAULIC CABLE CUTTER, BI-LINEAR, SOFT STEEL-REINFORCED TELEPHONE CABLES Ø MAX 52.5 MM



The B-TC500ND-SC cordless hydraulic tool is suitable for cutting conductors, copper and aluminum cables and telephone cables with mild stainless steel armor with a maximum diameter of 52.5 mm. Its head, equipped with high-strength special stainless steel blades, is open to allow quick cutting of through cables by precise "scissor" movements. A 180-degree rotation allows the cable cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

Quiet and easy to handle, the TC500ND-SC cable cutter has a balanced biaxial design and an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Maximum cutting diameter	52.5 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Scissor
Nominal hydraulic fluid pressure	605 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	526x152x81 mm
Net weight in operation	3.91 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
	2 x CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-M/X1 plastic case



BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B-TC500

BATTERY-POWERED HYDRAULIC CABLE CUTTER, PISTOL, SUITABLE FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 50 MM



The B-TC500 cordless hydraulic tool is suitable for cutting conductors, copper and aluminum cables, and telephone cables up to 50 mm in diameter. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. A 90° rotation allows the cable cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	50 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P40 plastic case



Quiet and easy to handle, the B-TC500 cable cutter has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the work area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	407x350x83 mm
Net weight in operation	5.9 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B-TC650

BATTERY-POWERED HYDRAULIC CABLE CUTTER, PISTOL, SUITABLE FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 65 MM



The B-TC650 cordless hydraulic tool is suitable for cutting conductors, copper and aluminum cables and telephone cables up to 65 mm in diameter. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. Rotation of 335° allows the cable cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

Quiet and easy to handle, the B-TC650 cable cutter has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the work area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Maximum cutting diameter	65 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	433x349x83 mm
Net weight in operation	6.4 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P40 plastic case



BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B-TC650-SC

BATTERY-POWERED HYDRAULIC CABLE CUTTER, PISTOL, SUITABLE FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 65 MM



The B-TC650-SC cordless hydraulic tool is suitable for cutting conductors, copper and aluminum cables and telephone cables up to 65 mm in diameter. Its head, equipped with high-strength special stainless steel blades, is open to allow quick cutting of through cables by precise "scissor" movements. A 180-degree rotation allows the cable cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	65 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Scissor
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-B-TC950 metal case



Quiet and easy to handle, the B-TC650-SC cable cutter has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the working area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	506x349x105 mm
Net weight in operation	8.6 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B-TC950

BATTERY-POWERED HYDRAULIC CABLE CUTTER, PISTOL, SUITABLE FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 95 MM



The B-TC950 cordless hydraulic tool is suitable for cutting conductors, copper and aluminum cables, and telephone cables up to 95 mm in diameter. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. Rotation of 335° allows the cable cutter to be adapted to various modes of use. A pressure relief valve controls the execution of the cut to ensure greater safety.

TECHNICAL INFORMATION	
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	900 bar
Pressure control system	max pressure valve
Release	Manual



Quiet and easy to handle, the B-TC950 cable cutter has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. LED lights illuminate the work area. To enhance the user experience, the tool is equipped with an automatic rechargeable battery docking system with push-button control. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	523x350x83 mm
Net weight in operation	7.8 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-B-TC950 metal case



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B540ND-BV-SJ

BATTERY-POWERED HYDRAULIC TOOL,
BI-LINEAR, WITHOUT JAWS



TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	U shape with pin
Nominal hydraulic fluid pressure	630 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	54 kN

WEIGHT AND DIMENSIONS	
Dimensions	403x104x87 mm
Net weight in operation	2.9 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
	CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-M/X1 canvas bag

INTERCHANGABLE JAWS	
CDD6N	 Crimping jaws, with "D3" groove to accept all "W" style crimping dies + "BG" fixed groove
CDD6-6N	 Crimping jaws, with "D3" groove to accept all "W" style crimping dies
CDD6-8N	 Crimping jaws, with "D3" groove to accept all "W" style crimping dies + "O" fixed groove
CMB4N	 Cutting jaws for underground: aluminium and copper stranded cables. Maximum opening 32 mm
CMB5N	 Cutting jaws for OHL: up to 200 mm² ACSR and BLX cable
CMB6N	 Cutting jaws for guy wires: up to Ø 10 mm galvanised steel wire (<1250 N/mm²)

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B540NDA

18 V CORDLESS HYDRAULIC CRIMPING TOOL



TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	U shape with pin
Pressure control system	EPS (electronic pressure sensor)
Depressurizing	Smart Release Technology;Manual
Display	✓
Nominal crimping force	54 kN

WEIGHT AND DIMENSIONS	
Dimensions	496x145x88 mm
Net weight in operation	3.4 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

TYPE	PLUG	JAW	SUPPLIED WITH
B540NDA6		 CDD6N	2 x CB1820L battery; ASC55 USA/CAN battery charger; CDD6N (D3+BG) crimping jaws; USB cable; CVB-033 canvas bag; shoulder strap
B540NDA6-6		 CDD6-6N	2 x CB1820L battery; ASC55 USA/CAN battery charger; CDD6-6N (D3) crimping jaws; USB cable; CVB-033 canvas bag; shoulder strap
B540NDA6-8		 CDD6-8N	2 x CB1820L battery; ASC55 USA/CAN battery charger; CDD6-8N (D3+O) crimping jaws; USB cable; CVB-033 canvas bag; shoulder strap

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B540ND-BVA

18 V CORDLESS HYDRAULIC CRIMPING TOOL



TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	U shape with pin
Nominal hydraulic fluid pressure	630 bar
Pressure control system	max pressure valve
Depressurizing	Manual
Nominal crimping force	54 kN

WEIGHT AND DIMENSIONS	
Dimensions	403x104x87 mm
Net weight in operation	2.9 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

TYPE	PLUG	JAW	SUPPLIED WITH
B540ND-BVA6		 CDD6N	2 x CB1820L battery; ASC55 USA/CAN battery charger; CDD6N (D3+BG) crimping jaws; USB cable; CVB-033 canvas bag; shoulder strap
B540ND-BVA6-6		 CDD6-6N	2 x CB1820L battery; ASC55 USA/CAN battery charger; CDD6-6N (D3) crimping jaws; USB cable; CVB-033 canvas bag; shoulder strap
B540ND-BVA6-8		 CDD6-8N	2 x CB1820L battery; ASC55 USA/CAN battery charger; CDD6-8N (D3+O) crimping jaws; USB cable; CVB-033 canvas bag; shoulder strap

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B450ND-BV

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 50 kN, BI-LINEAR, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 150 mm²



The cordless hydraulic tool B450ND-BV is suitable for installing crimping electrical connectors on conductors up to 150 mm². This crimping tool adopts the standard die set compatible with other 45 kN tools and heads. The head can be opened and rotated 180° to adapt to various modes of use.

Quiet and easy to handle, the B450ND-BV crimping machine has a balanced biaxial design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure relief button and a protected run button to prevent accidental operation. LED lights illuminate the work area. The tool features OLED display to monitor various parameters in real time,

including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button.

SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Crimping section range	4÷150 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable closed
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	50 kN

WEIGHT AND DIMENSIONS	
Dimensions	364x136x81 mm
Net weight in operation	2.6 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P22 plastic case

COMPATIBILITY																				
		mm ²																		
CL. 2		0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630
FLEX		1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500
																				
																				



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B500ND

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 60 KN, BI-LINEAR, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 300 MM²



The **B500ND battery-powered crimping tool** is designed for fast, reliable installation of **electrical compression connectors** on conductors up to **300 mm²**. This high-performance crimping tool features a standard die set compatible with other **50 kN** tools and heads, ensuring versatility on the job. Its **rotating, 180° openable head** allows easy insertion of connectors even in confined spaces.

Engineered for **comfort** and **safety**, the B500ND offers a **balanced biaxial design**, **ergonomic handle**, **low noise operation**, **quick pressure release**, and a **safety start button** to prevent accidental activation. **Integrated LED**

lighting illuminates the work area for precise crimping. The advanced **OLED display** shows **real-time data**, including crimping force, battery charge, completed and remaining work cycles, and other operating information.

The **automatic battery coupling with control button** streamlines operation, while **SMARTOOL technology** enables recording, viewing, and downloading of performance data for **full digital support** and **maintenance tracking**.

TECHNICAL INFORMATION	
Crimping section range	4÷300 mm²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable closed
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology;Manual
Display	✓

TECHNICAL INFORMATION	
Nominal crimping force	60 kN
WEIGHT AND DIMENSIONS	
Dimensions	396x136x81 mm
Net weight in operation	3.15 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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EU

2 x CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P22 plastic case

COMPATIBILITY

mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6												185	240	300	400	500	630	800

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

KIT-B500ND/40SC

TOOL KIT CONSISTING OF THE B500 CORDLESS COMPRESSION TOOL AND THE B-TC400ND-SC CORDLESS CUTTING TOOL



LOGISTIC	
Minimum packaging quantity	1

LOGISTIC	
Standard packaging quantity	1

SUPPLIED WITH	
B500ND tool; B-TC400ND-SC tool; 2 x CB1820L battery; ASC55-EU battery charger; ME-50 die set (ME5-50 die set; ME7-50 die set; ME10-50 die set; ME14-50 die set; ME19-50 die set; ME24-50 die set; ME30-50 die set; ME37-50 die set; ME48S-50 die set); 2 x USB cable; 2 x shoulder strap; VAL-M/X5 plastic case	

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

KIT-B500ND/50SC

TOOL KIT CONSISTING OF THE B500 CORDLESS COMPRESSION TOOL AND THE B-TC500ND-SC CORDLESS CUTTING TOOL



LOGISTIC	
Minimum packaging quantity	1

LOGISTIC	
Standard packaging quantity	1

SUPPLIED WITH	
B500ND-B tool; B-TC500ND-SC-B tool; 2 x CB1820L battery; ASC-EU battery charger; 2 x USB cable; VAL-M/X5 plastic case; 2 x shoulder strap	

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

BA500

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 63 kN, PISTOL, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 300 mm²



The **cordless hydraulic tool BA500** is suitable for installing electrical crimp connectors on **conductors up to 300 mm²**. This crimping tool uses the standard die series compatible with other tools and **50 kN** heads.

Thanks to the **adaptive control** function, the **BA500 crimping tool automatically adjusts the force** according to the connector cross-section, stopping the crimping as soon as the dies reach the stop point. In this way, the BA500 uses only the force actually required for crimping, avoiding reaching the maximum pressure of 700 bar each time. The adaptive control function can be activated at the operator's discretion.

The BA500 detects the presence of the connector inserted in the head and, as soon as it encounters the slightest resistance, automatically stops the die stroke, **holding the connector without compressing it**, allowing the operator to check the **correct positioning of the connector** between the dies and to **accurately align the conductor in the terminal**.

The **head can be opened** and rotated **180°** to adapt to various modes of use. Quiet and easy to handle, the **BA500 crimping tool** has a compact **pistol design** and is equipped with an **ergonomic handle** to ensure high

levels of comfort even during prolonged use. For added safety, the BA500 is equipped with a **double-click** activation system, which **prevents accidental start-up** and **increases control** during use. The tool switches off automatically after three minutes of inactivity to maximize safety and reduce energy consumption.

The tool features an optimized **OLED display** for real-time monitoring of various parameters, including:

- the force developed and therefore the correct execution of the crimping
- the battery charge status
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To improve the user experience, the tool is equipped with an automatic rechargeable battery locking system with a control button. **SMARTOOL technology** allows you to **view and download recorded data**, ensuring complete digital support.

TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	4÷300 mm ²	Dimensions	349x288x83 mm
Range of operating temperature	-15÷50 °C	Net weight in operation	4.5 kg
Supply voltage	18 V	LOGISTIC	
Head shape	Openable closed	Minimum packaging quantity	1
Pressure control system	EPS (electronic pressure sensor)	Standard packaging quantity	1
Release	Manual		
Display	✓		
Nominal crimping force	63 kN		

PLUG	SUPPLIED WITH
 EU	2 x CB1852L battery; ASC55-EU battery charger; USB cable; VAL-P38 plastic case; shoulder strap

COMPATIBILITY	
 mm ²	
CL. 2	0.25 ÷ 1.5 1.5 ÷ 2.5 4 ÷ 6 10 16 25 35 50 70 95 120 150 185 200 240 300 400 500 630 800 1000
FLEX	1.5 ÷ 2.5 2.5 ÷ 6 6 ÷ 10 10 ÷ 16 16 ÷ 25 25 ÷ 35 35 ÷ 50 50 ÷ 70 70 ÷ 95 95 ÷ 120 120 ÷ 150 150 ÷ 185 185 ÷ 200 200 ÷ 240 240 ÷ 300 300 ÷ 400 400 ÷ 500 500 ÷ 630 630 ÷ 800 800 ÷ 1000
	
	
	
	
	

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B500

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 63 kN, PISTOL, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 300 mm²



The cordless hydraulic tool B500 is suitable for installing crimping electrical connectors on conductors up to 300 mm². This crimping tool adopts the standard die set compatible with other 50 kN tools and heads. The head can be opened and rotated 180° to adapt to various modes of use.

Quiet and easy to handle, the B500 crimping machine has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure release button and a protected run button to prevent accidental operation. LED lights illuminate the work area. The tool features OLED display to monitor various parameters in real time,

including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Crimping section range	4÷300 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable closed
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	63 kN

WEIGHT AND DIMENSIONS	
Dimensions	349x288x83 mm
Net weight in operation	4.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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	2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P38 plastic case
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COMPATIBILITY

mm ²		0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
CL. 2	FLEX	÷ 1.5	÷ 2.5	÷ 6																		



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B600CND

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 63 kN, BI-LINEAR, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 300 mm²



The **B600CND cordless crimping tool** combines a **robust bilinear design** with advanced technology, ideal for crimping electrical connectors on conductors up to **300 mm²**. Powered by **18V Li-Ion batteries**, it ensures long-lasting, efficient performance. The **180° rotating head** allows easy operation in confined spaces.

A **Smart Release system** automatically retracts the ram after each cycle, while the **maximum pressure sensor and EPS technology** guarantee precise, repeatable crimps and enhanced operator safety. The **OLED**

display provides real-time data:

- **Crimping force**, confirming proper execution
- **Battery charge status** for uninterrupted work
- **Completed and remaining work cycles** to plan maintenance
- **General operating information** for full control

The **B600CND** is the perfect choice for professionals who demand **power, precision, and smart monitoring in a cordless crimping solution**.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable closed
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology; Manual
Display	✓
Nominal crimping force	60 kN

WEIGHT AND DIMENSIONS	
Dimensions	398x136x81 mm
Net weight in operation	3.4 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
	2 x CB1820L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P63 plastic case

COMPATIBILITY																					
 mm²																					
CL. 2		0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	240	300	400	500	630	800	1000
FLEX		1.5	2.5	6				25	35	50	70	95	120	150	185	240	300	400	500	630	800
DIN																					
																					
																					

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

KIT-B600CND-MK

KIT COMPOSED BY HYDRAULIC CRIMPING
TOOL B600CND + SELECTION OF DIES



WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	398x136x81 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
B600CND tool; MK10-60C die set; MK12-60C die set; MK14-60C die set; MK16-60C die set; MK18-60C die set; MK20-60C die set; MK22-60C die set; MK25-60C die set; MK28-60C die set	

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

KIT-B600CND/50SC

KIT COMPOSED BY HYDRAULIC CRIMPING
TOOL B600CND + B-TC500ND-SC



LOGISTIC		LOGISTIC	
Minimum packaging quantity	1	Standard packaging quantity	1

SUPPLIED WITH	
B600CND-B tool; B-TC500ND-SC-B tool; 2 x CB1820L battery; ASC-EU battery charger; 2 x USB cable; VAL-M/X5 plastic case; 2 x shoulder strap	



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B600C

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 63 kN, PISTOL, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 300 MM²



The B600C is a new generation of portable cordless tools that are characterized by even better functionality. The B600C is suitable for crimping cable lugs and connectors up to 300 mm². Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries. The OLED display

provides essential real time operating data, including: • generated crimping force thus verifying accordance with best practice • battery charge status • general operating information • the number of work cycles completed and remaining before recommended maintenance.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable closed
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	60 kN

WEIGHT AND DIMENSIONS	
Dimensions	351x289x83 mm
Net weight in operation	4.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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2 x CB1852L battery; ASC55-EU battery charger; USB cable; VAL-P61 plastic case; shoulder strap

COMPATIBILITY																				
mm²																				
CL. 2		0.25	1.5	4																
FLEX		÷ 1.5	÷ 2.5	÷ 6	10	16	25	35	50	70	95	120	150	185	240	300	400	500	630	1000
DIN																				

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1350-C-KV

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, PISTOL, WITH OPEN C-HEAD, INSULATED, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



TECHNICAL INFORMATION	
Insulated	✓
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	C
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓

TECHNICAL INFORMATION	
Nominal crimping force	132 kN
WEIGHT AND DIMENSIONS	
Dimensions	349x325x85 mm
Net weight in operation	6.9 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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 EU	2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P39 plastic case
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COMPATIBILITY

 mm²																						
CL. 2	FLEX	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
								25	35	50	70	95	120	150		185	240	300	400	500	630	800
																						
																						
																						
																						



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1350-C

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, PISTOL, WITH OPEN C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The cordless hydraulic tool B1350-C is suitable for installing electrical crimping connectors on conductors up to 400 mm². This crimping tool adopts the standard die set compatible with other 130 kN tools and heads. The head is open and can rotate 180° to adapt to various modes of use. Quiet and easy to handle, the B1350-C crimping machine has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure relief button and a protected run button to prevent accidental operation. LED lights illuminate the work area. The tool features OLED display to monitor various parameters in real time,

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	C
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	132 kN

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P39 plastic case

COMPATIBILITY

mm ²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
																					
																					
																					
																					



including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1350L-C

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, PISTOL, WITH LARGER OPENING C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The cordless hydraulic tool B1350L-C is suitable for installing crimping electrical connectors on conductors up to 400 mm². This crimping tool adopts the standard die set compatible with other 130 kN tools and heads.

The head with special enlarged opening up to 42 mm is designed for easy removal of the tool from the crimping area. The 180° rotation allows the crimping tool to be adapted to various modes of use.

Quiet and easy to handle, the B1350L-C crimping tool has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure relief button and a protected run button to prevent accidental operation. LED lights illuminate the work area.



The tool features OLED display to monitor various parameters in real time, including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button.

SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	C long
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	132 kN

WEIGHT AND DIMENSIONS	
Dimensions	385x349x83 mm
Net weight in operation	8 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG SUPPLIED WITH



2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P39 plastic case

COMPATIBILITY

mm ²		0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
CL. 2	FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1350-UC

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, PISTOL, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The cordless hydraulic crimping tool B1350-UC is suitable for installing crimping electrical connectors not only on conductors up to 400 mm², but also on aluminum cables by means of the closed die deep punching technique. This crimping machine features an adapter for use of the standard semicircular plug-in die set compatible with other 130 kN tools and heads.

The head is closed and can rotate 180° to accommodate various modes of use.

Quiet and easy to handle, the B1350-UC crimping tool has a compact pistol design and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure relief button and a protected run button to prevent

accidental operation. LED lights illuminate the work area.

The tool features OLED display to monitor various parameters in real time, including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button.

SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	U shape without pin
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	132 kN

WEIGHT AND DIMENSIONS	
Dimensions	349x337x83 mm
Net weight in operation	6.7 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

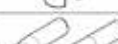
PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P39 plastic case

COMPATIBILITY

 mm²																						
CL. 2	FLEX	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
																						
																						
																						
																						
																						

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1300-C-KV

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, STANDARD, WITH OPEN C-HEAD, INSULATED, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



B1300-C-KV version also available for Power Supply Companies

TECHNICAL INFORMATION	
Insulated	✓
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	C
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓

TECHNICAL INFORMATION	
Nominal crimping force	132 kN
WEIGHT AND DIMENSIONS	
Dimensions	409x239x103 mm
Net weight in operation	6.8 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P44 plastic case

COMPATIBILITY

mm ²		0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
CL. 2	FLEX	÷ 1.5	÷ 2.5	÷ 6																		
																						
																						
																						
																						



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1300-C

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, STANDARD, WITH OPEN C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The cordless hydraulic tool B1300-C is suitable for installing electrical crimping connectors on conductors up to 400 mm². This crimping tool adopts the standard die set compatible with other 130 kN tools and heads.

The head is open and can rotate 180° to adapt to various modes of use. Quiet and easy to handle, the B1300-C crimping machine has a solid and compact design to withstand any stress and features an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure relief button and a protected run button to prevent accidental operation. LED lights illuminate the work area.



The tool features OLED display to monitor various parameters in real time, including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	C
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	132 kN

WEIGHT AND DIMENSIONS	
Dimensions	406x239x102.5 mm
Net weight in operation	6.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
	2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P44 plastic case

COMPATIBILITY																					
 mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX																					
																					
																					
																					
																					

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1300L-C

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, STANDARD, WITH LARGER OPENING C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The cordless hydraulic tool B1300L-C is suitable for installing electrical crimping connectors on conductors up to 400 mm². This crimping tool adopts the standard die set compatible with other 130 kN tools and heads.

The head with special enlarged opening up to 42 mm is designed for easy removal of the tool from the crimping area. The 180° rotation allows the crimping tool to be adapted to various modes of use.

Quiet and easy to handle, the B1300L-C crimping tool has a solid and compact design to withstand any stress and features an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure release button and a protected run button to prevent accidental operation. LED lights illuminate the work

area.

The tool features OLED display to monitor various parameters in real time, including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.



TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	C long
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	132 kN

WEIGHT AND DIMENSIONS	
Dimensions	471x239x102.5 mm
Net weight in operation	8 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
EU	2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P44 plastic case

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
																					
																					
																					
																					



CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1300-UC

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 132 kN, STANDARD, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The cordless hydraulic crimping tool B1300-UC is suitable for installing crimping electrical connectors not only on conductors up to 400 mm², but also on aluminum cables by means of the closed die deep punching technique. This crimping machine features an adapter for use of the standard semicircular plug-in die set compatible with other 130 kN tools and heads. The head is closed and can rotate 180° to accommodate various modes of use. Quiet and easy to handle, the B1300-UC crimping tool has a solid, compact design to withstand any stress and features an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a quick pressure release button and a protected run button to prevent accidental operation. LED lights illuminate the work

area. The tool features OLED display to monitor various parameters in real time, including:

- the force developed and thus the correct execution of crimping
- the state of charge of the battery
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the tool is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	U shape without pin
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	132 kN

WEIGHT AND DIMENSIONS	
Dimensions	423x239x102.5 mm
Net weight in operation	6.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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EU

2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-P44 plastic case

COMPATIBILITY

mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX																					

CRIMPING BATTERY-POWERED HYDRAULIC TOOLS

B1550

BATTERY-POWERED HYDRAULIC CRIMPING TOOL, 136 kN, PISTOL, WITH OPENABLE CLOSED, FOR ELECTRICAL CONNECTORS UP TO 800 mm²



The **B1550 cordless hydraulic tool** is suitable for installing crimping electrical connectors on **copper conductors** up to **800 mm²** and **aluminium conductors** up to **630 mm²**. This crimping tool uses the **M...-P series of dedicated dies**. With the **AU150-C adapter**, the B1550 can also be used with the **M...-C series of semi-circular dies** commonly used with CEMBRE 130 kN tools. The B1550 is designed to deliver a maximum nominal crimping force of **136 kN** and is capable of operating at a nominal working pressure of **up to 750**

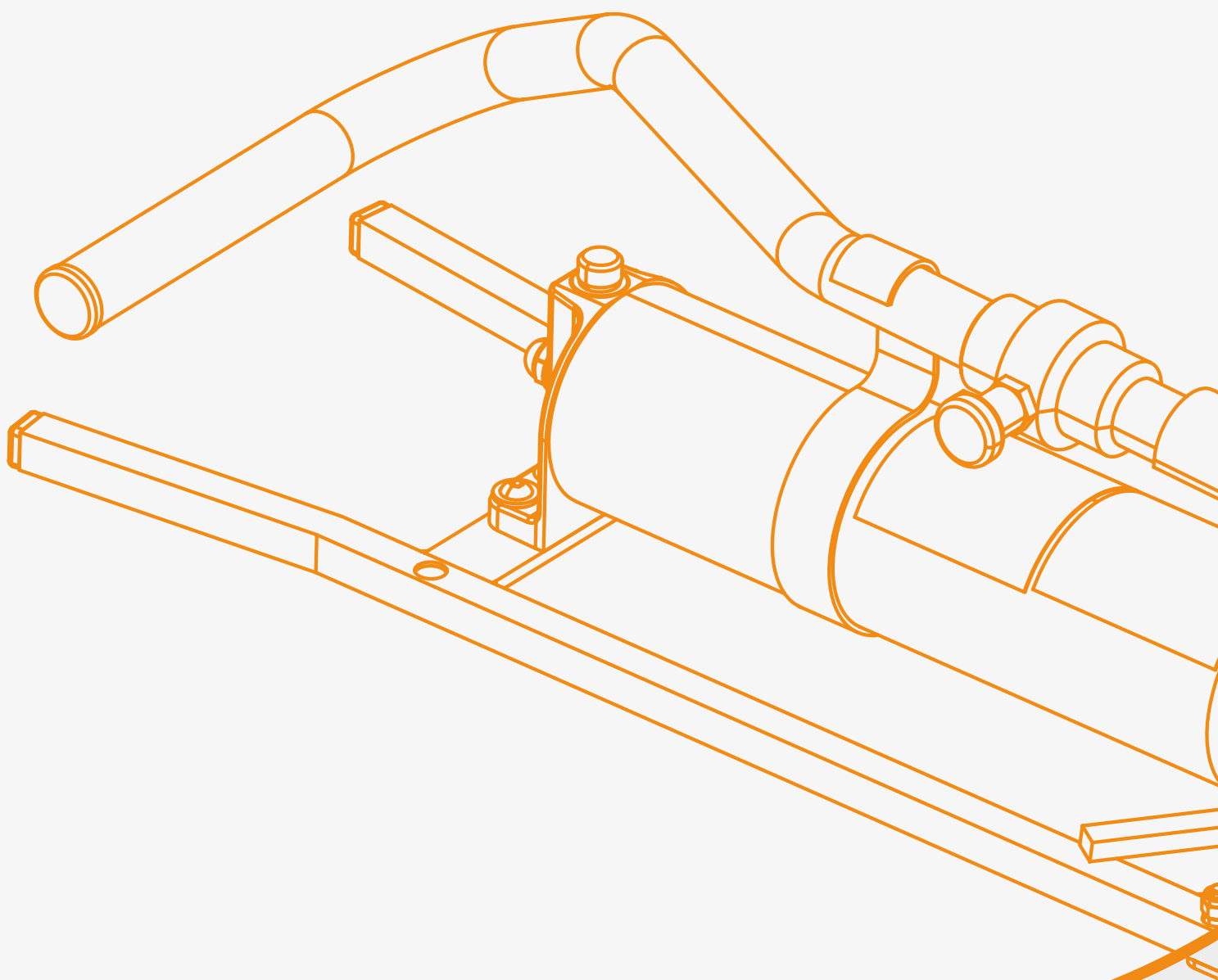
bar. Featuring a compact pistol design and ergonomic handle, the B1550 portable tool allows greater freedom of movement compared to the traditional pump + pipe + head system. This makes the B1550 the most practical solution for working in environments such as **Data Center**, where the installation of numerous connectors of different sections and materials, even in confined spaces, requires **mobility and efficiency**.

TECHNICAL INFORMATION	
Crimping section range	10÷800 mm ²
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable closed
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓
Nominal crimping force	136 kN

WEIGHT AND DIMENSIONS	
Dimensions	440x349x83 mm
Net weight in operation	9.5 kg

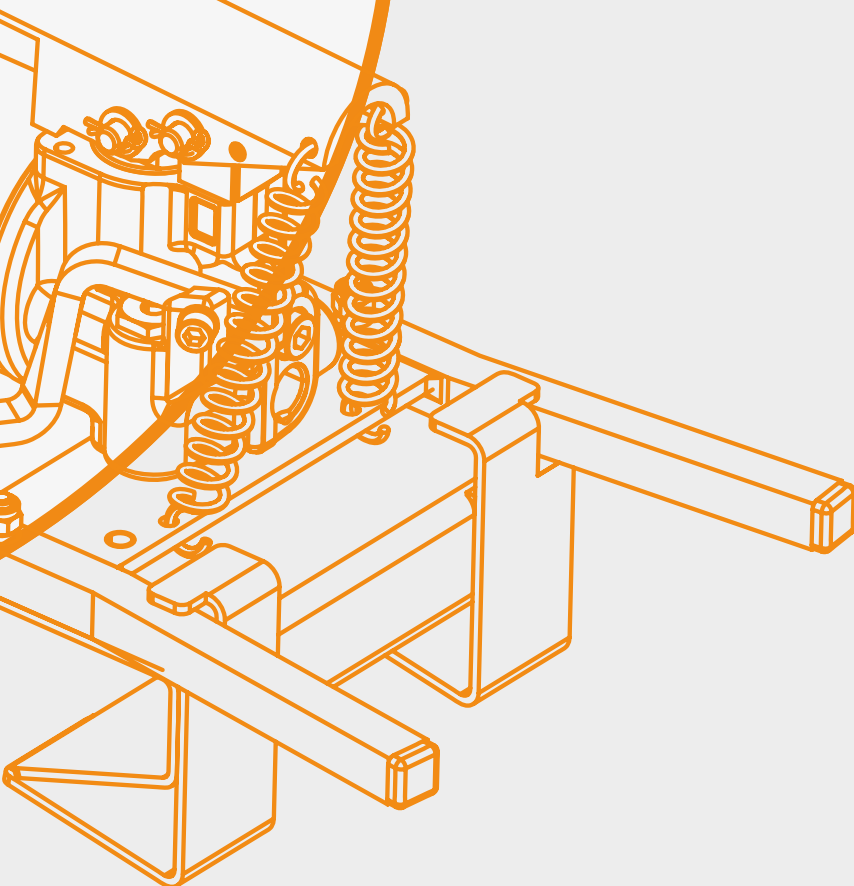
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	2 x CB1852L battery; ASC55-EU battery charger; USB cable; shoulder strap; VAL-B-TC950 metal case



HYDRAULIC UNITS

INSULATED CABLE CUTTERS	110
RADIO CONTROLLED CABLE CUTTERS	116
CABLE CUTTERS	119
CRIMPING	120





BATTERY-POWERED HYDRAULIC CABLE CUTTERS

CP1300P-85-KV

PORTABLE BATTERY-POWERED HYDRAULIC CUTTING UNITS, ISOLATED, MAX CUTTING DIAMETER 85 MM



The **CP1300P-85-KV insulated cutting unit** consists of three main components: a **hydraulic head**, a **battery-powered pump**, and an **insulated flexible hose**. Thanks to its insulation system, it is the **ideal solution for cutting even when cables are accidentally live**, ensuring high safety standards.

The **hydraulic guillotine head** is designed for cutting **cables with a maximum diameter of 85 mm**. The body and blades are made of **heat-treated special steel** to ensure strength and long life even in the most

demanding applications.

The **hydraulic pump**, powered by an **18V battery**, offers an excellent combination of **power** and **autonomy**, while maintaining **compact dimensions and low weight** for practical and easy handling.

The **10-meter insulated pipe** is permanently connected to the head, while the pump connection features a quick-release coupling with a safety ring, designed to **prevent any risk of accidental disconnection during use**.

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	85 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓

WEIGHT AND DIMENSIONS	
Dimensions	390x239x103 mm
Net weight in operation	12 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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EU

TC085-KZ-1000-KV cutter head; CB1880L battery; ASC55-EU battery charger; USB cable; shoulder strap; metal case VAL CP096-W

BATTERY-POWERED HYDRAULIC CABLE CUTTERS

CP1300P-96-KV

PORTABLE BATTERY-POWERED HYDRAULIC CUTTING UNITS, ISOLATED, MAX CUTTING DIAMETER 95 MM



The **CP1300P-96-KV insulated cutting unit** consists of three main components: **hydraulic head**, **battery-powered pump**, and **insulated flexible hose**. Thanks to its insulation system, it is the **ideal solution for cutting even when cables are accidentally live**, ensuring high safety standards.

The **hydraulic scissor head** is designed for cutting **cables with a maximum diameter of 95 mm**. The body and blades are made of **heat-treated special steel** to ensure strength and long life even in the most demanding

applications.

The **hydraulic pump**, powered by an **18V battery**, offers an excellent combination of **power** and **autonomy**, while maintaining **compact dimensions and low weight** for practical and easy handling.

The **10-meter insulated pipe** is permanently connected to the head, while the pump connection features a quick-release coupling with a safety ring, designed to **prevent any risk of accidental disconnection during use**.

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Scissor
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓

WEIGHT AND DIMENSIONS	
Dimensions	390x239x103 mm
Net weight in operation	15 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	TC096-KZ-1000-KV cutter head; CB1880L battery; ASC55-EU battery charger; USB cable; shoulder strap; metal case VAL CP096-W



BATTERY-POWERED HYDRAULIC CABLE CUTTERS

CP1300P-120-KV

PORTABLE BATTERY-POWERED HYDRAULIC CUTTING UNITS, ISOLATED, MAX CUTTING DIAMETER 120 MM



The **CP1300P-120-KV insulated cutting unit** consists of three main components: a **hydraulic head**, a **battery-powered pump**, and an **insulated flexible hose**. Thanks to its insulation system, it is the **ideal solution for cutting even when cables are accidentally live**, ensuring high safety standards.

The **hydraulic guillotine head** is designed for cutting **cables with a maximum diameter of 120 mm**. The body and blades are made of **heat-treated special steel** to ensure strength and long life even in the most

demanding applications.

The **hydraulic pump**, powered by an **18V battery**, offers an excellent combination of **power** and **autonomy**, while maintaining **compact dimensions and low weight** for practical and easy handling.

The **10-meter insulated pipe** is permanently connected to the head, while the pump connection features a quick-release coupling with a safety ring, designed to **prevent any risk of accidental disconnection during use**.

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	120 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓

WEIGHT AND DIMENSIONS	
Dimensions	390x239x103 mm
Net weight in operation	15 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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EU

TC120-KZ-1000-KV cutter head; CB1880L battery; ASC55-EU battery charger; USB cable; shoulder strap; metal case VAL CP096-W

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1096-KV

ISOLATED HYDRAULIC CABLE CUTTER, MAX CUTTING DIAMETER 95 MM



The CP1096-KV insulated hydraulic cable cutter complies with ENEL unified technical specification EA 0395. It is suitable for exploring and cutting B.T./M.T. cables with a maximum diameter of 95 mm in maximum incidental voltage of 60 kV. It consists of a PO7000 hydraulic pump, complete with two-speed hydraulic system, capable of exerting pressure up to 700

bar by means of a convenient pedal-operated lever. The cable cutter is completed by a TC096-N-500-KV insulated hydraulic head, equipped with high-strength special stainless steel blades, which is connected to a flexible hose with insulated high dielectric oil and a flexible cable for connection to the earth electrode

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	95 mm
Head shape	Scissor
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	22 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

PO7000 pump; TC096 cutter head; quick coupler; 5m flexible hose; earthing wire 5m; VAL-CP096 metal case

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1120-KV

INSULATED HYDRAULIC CABLE CUTTER, MAX CUTTING DIAMETER 120 MM



TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	120 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	19 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

PO7000 pump; TC120 cutter head; 5m flexible hose; I38-F quick coupler; VAL 22-TC120 metal case



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1086-W-1000-KV

ISOLATED HYDRAULIC CABLE CUTTER,
COMPLIES WITH DIN EN 50340 - VDE 0682
PART 661, MAX CUTTING DIAMETER 85 MM



TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	86 mm
Range of operating temperature	-20÷40 °C
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	625 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	200x200x163 mm
Maximum dimensions	680x200x163 mm
Net weight in operation	17 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

TC086-WZ-1000-KV cutter head; VAL-CP096W metal case



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1096-W-1000-KV

ISOLATED HYDRAULIC CABLE CUTTER,
COMPLIES WITH DIN EN 50340 - VDE 0682
PART 661, MAX CUTTING DIAMETER 95 MM



TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	95 mm
Range of operating temperature	-20÷40 °C
Head shape	Scissor
Nominal hydraulic fluid pressure	625 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	19 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

TC096-W-1000-KV-B cutter head; VAL-CP096W metal case



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1120-W-1000-KV

ISOLATED HYDRAULIC CABLE CUTTER,
COMPLIES WITH DIN EN 50340 - VDE 0682
PART 661, MAX CUTTING DIAMETER 120 MM



TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	120 mm
Range of operating temperature	-20÷40 °C
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	625 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	20 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

TC120-WZ-1000-KV cutter head; VAL-CP096W metal case



BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B68RC3-85

PORTABLE BATTERY POWERED HYDRAULIC CUTTING UNIT, RADIO CONTROLLED, FOR REMOTE CUTTING OPERATION, MAX CUTTING DIAMETER 85 MM



The **Battery-powered B68RC3-85 hydraulic cutting unit** is ideal for **cutting copper** and **aluminum** conductors with a maximum diameter of **85 mm**.

Designed to deliver **high performance and operational safety**, this professional solution ensures maximum efficiency even in challenging conditions.

This cutting unit consists of an **electro-hydraulic pump** capable of independently generating **pressure up to 700 bar**, ensuring **high cutting power and reliability**. The pump is powered by a **12V battery** that guarantees high levels of power and runtime.

TECHNICAL INFORMATION	
Maximum cutting diameter	85 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology; Manual
Display	✓



The machine is equipped with a **radio-controlled panel**, which allows operations to be performed remotely in complete safety, particularly useful in **confined spaces** such as **manholes and pits**.

Each unit is equipped with a **hydraulic cutting head** featuring **high-strength stainless steel guillotine blades**, designed to ensure **precision and durability**.

The head is connected via a **flexible hose filled with oil-insulated material with high dielectric strength**, ideal for electrical applications where high safety standards are required.

WEIGHT AND DIMENSIONS	
Dimensions	362x236x212 mm
Maximum dimensions	417x236x212 mm
Net weight in operation	14 kg

CERTIFICATIONS	
Ingress Protection	IP20

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
	TC085-KV-RC3 cutter head; CB1880L battery; ASC55-EU battery charger; RRC1 remote controller; TF1000-I38FM-KV flexible hose; shoulder strap; USB cable; VAL-B68RC3 metal case

BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B68RC3-96

PORTABLE BATTERY POWERED HYDRAULIC CUTTING UNIT, RADIO CONTROLLED, FOR REMOTE CUTTING OPERATION, MAX CUTTING DIAMETER 95 MM



The **Battery-powered hydraulic cutting unit B68RC3-96** is ideal for **cutting copper and aluminum** conductors with a maximum diameter of **95 mm**.

Designed to deliver **high performance and operational safety**, this professional solution ensures maximum efficiency even in challenging conditions.

This cutting unit consists of an **electro-hydraulic pump** capable of independently generating **pressure up to 700 bar**, ensuring **high cutting power and reliability**. The pump is powered by a **12V battery** that guarantees high levels of power and runtime.

TECHNICAL INFORMATION	
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Scissor
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology; Manual
Display	✓



The machine is equipped with a **radio-controlled panel**, which allows operations to be performed remotely in complete safety, particularly useful in **confined spaces** such as **manholes and pits**.

Each unit is equipped with a **hydraulic head** featuring **high-strength stainless steel scissor blades**, designed to ensure **precision and durability**.

The head is connected via a **flexible hose filled with oil-insulated material with high dielectric strength**, ideal for electrical applications where high safety standards are required.

WEIGHT AND DIMENSIONS	
Dimensions	362x236x212 mm
Maximum dimensions	417x236x212 mm
Net weight in operation	17 kg

CERTIFICATIONS	
Ingress Protection	IP20

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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TC096-KV-RC3 cutter head; CB1880L battery; ASC ULTRA EU battery charger; RRC1 remote controller; TF1000-I38FM-KV flexible hose; shoulder strap; USB cable; VAL-B68RC3 metal case



BATTERY-POWERED HYDRAULIC CABLE CUTTERS

B68RC3-120

PORTABLE BATTERY POWERED HYDRAULIC CUTTING UNIT, RADIO CONTROLLED, FOR REMOTE CUTTING OPERATION, MAX CUTTING DIAMETER 120 MM



The **Battery-Powered Hydraulic Cutting Unit B68RC3-120B** is ideal for **cutting copper** and **aluminum** conductors with a maximum diameter of **120 mm**.

Designed to deliver **high performance and operational safety**, this professional solution ensures maximum efficiency even under challenging conditions.

This cutting unit consists of an **electro-hydraulic pump** capable of independently generating **pressure up to 700 bar**, ensuring **high cutting power and reliability**. The pump is powered by a **12V battery** that guarantees high levels of power and runtime.

TECHNICAL INFORMATION	
Maximum cutting diameter	120 mm
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Head shape	Openable guillotine
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology; Manual
Display	✓



The machine is equipped with a **radio-controlled panel**, which allows operations to be performed remotely in complete safety, particularly useful in **confined spaces** such as **manholes and pits**.

Each unit is equipped with a **hydraulic cutting head** featuring **high-strength stainless steel guillotine blades**, designed to ensure **precision and durability**.

The head is connected via a **flexible hose filled with oil-insulated material with high dielectric strength**, ideal for electrical applications where high safety standards are required.

WEIGHT AND DIMENSIONS	
Dimensions	362x236x212 mm
Maximum dimensions	417x236x212 mm
Net weight in operation	18 kg

CERTIFICATIONS	
Ingress Protection	IP20

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
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TC120-KV-RC3 cutter head; CB1880L battery; ASC55-EU battery charger; RRC1 remote controller; TF1000-I38FM-KV flexible hose; shoulder strap; USB cable; VAL-B68RC3 metal case

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1096

HYDRAULIC CABLE CUTTERS, MAX CUTTING DIAMETER 95 MM



The CP1096 hydraulic cable cutter consists of a PO7000 portable hydraulic pump, complete with a two-speed hydraulic system, capable of exerting pressure up to 700 bar via a convenient pedal-operated lever. The cable cutter is completed by a TC096 hydraulic head, equipped with

high-strength special stainless steel blades, which is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 95 mm.

TECHNICAL INFORMATION	
Maximum cutting diameter	95 mm
Head shape	Scissor
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	18 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

PO7000 pump; TC096 cutter head; TF300-0 flexible hose; Q38-F quick coupler; Q14-MS quick coupler; VAL-CP096 metal case

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

CP1120

HYDRAULIC CUTTING UNIT



The CP1120 hydraulic cable cutter consists of a PO7000 hydraulic pump, complete with a two-speed hydraulic system, capable of exerting pressure up to 700 bar via a convenient pedal-operated lever. The cable cutter is completed by a TC120 hydraulic head, equipped with

high-strength special stainless steel blades, which is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 120 mm.

TECHNICAL INFORMATION	
Maximum cutting diameter	120 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	19 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

PO7000 pump; TC120 cutter head; TF300-0 flexible hose; Q38-F quick coupler; Q14-MS quick coupler; VAL-22-TC120 metal case



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

CP1131

HYDRAULIC PRESS, 130 kN



The CP1131 hydraulic press consists of a PO7000 portable hydraulic pump, complete with a two-speed hydraulic system, capable of exerting pressure up to 700 bar using a convenient pedal-operated lever. The

press is complemented by an RHC131 hydraulic head, which is suitable for installing crimping electrical connectors on conductors up to 400 mm² using the standard die set compatible with other 130 kN tools and heads.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Head shape	C
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	130 kN

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	14 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH
PO7000 pump; RHC131 presshead; TF300-0 flexible hose; Q38-F quick coupler; VAL-P21 plastic case

COMPATIBILITY																				
mm ²																				
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800
FLEX	1.5	2.5	6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

CPU1131-C

HYDRAULIC PRESS, 130 kN



The CPU1131-C hydraulic press consists of a PO7000 portable hydraulic pump, complete with a two-speed hydraulic system, capable of exerting pressure up to 700 bar via a convenient pedal-operated lever. The press is complemented by a RHU131-C hydraulic head, which is suitable for

installing electrical crimping connectors on conductors up to 400 mm², as well as on aluminum cables by means of deep crimping technique in a closed die using the standard die set compatible with other 130 kN tools and heads.

TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	10÷400 mm ²	Dimensions	680x200x163 mm
Head shape	U shape without pin	Net weight in operation	14 kg
Nominal hydraulic fluid pressure	729 bar	LOGISTIC	
Pressure control system	max pressure valve		
Release	Manual		
Nominal crimping force	130 kN	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH
PO7000 pump; RHC131-C presshead; TF300-0 flexible hose; Q38-F quick coupler; VAL-P21 plastic case

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

CPU1230-3D

HYDRAULIC PRESS, 230 kN



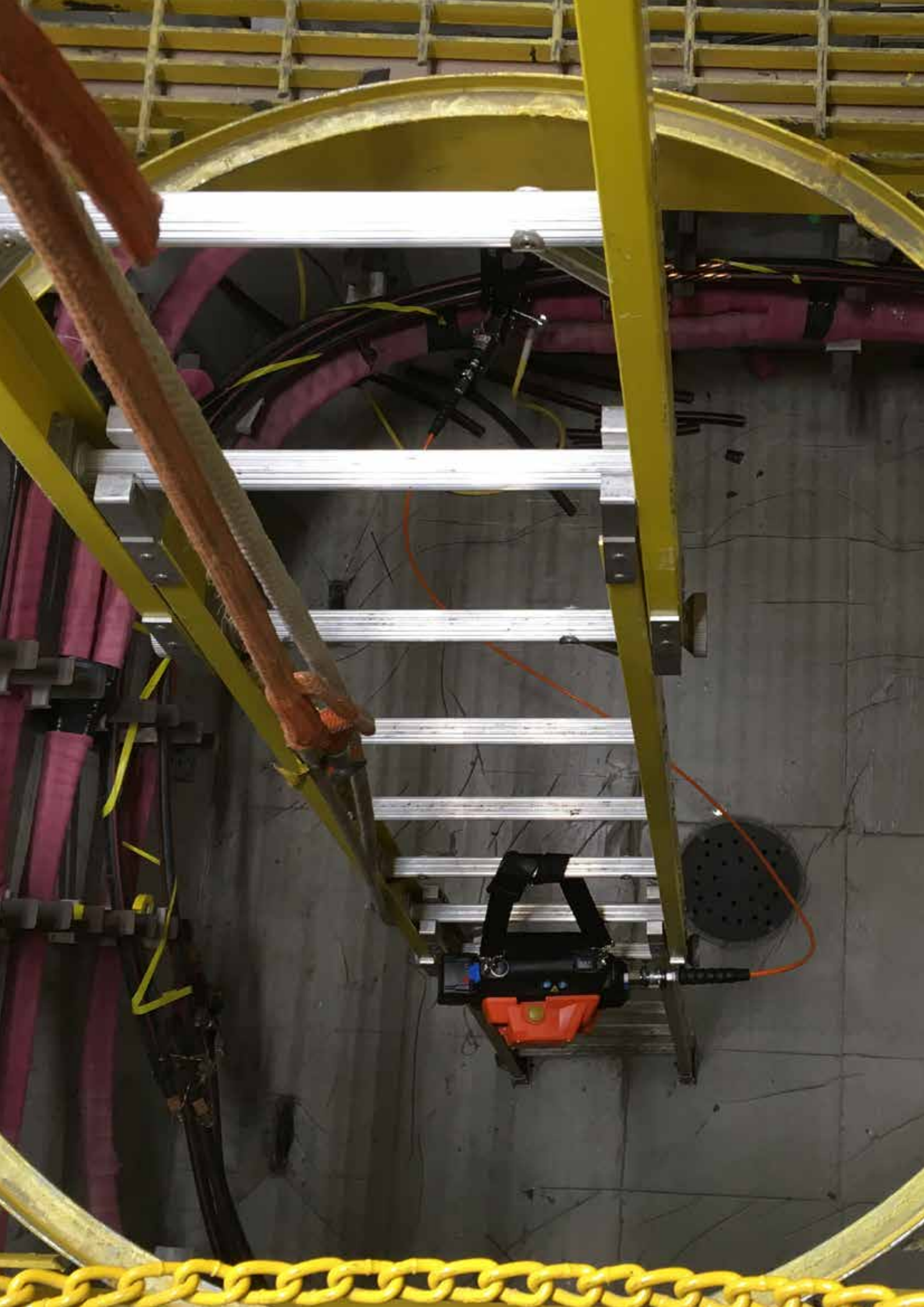
The CPU1230-3D hydraulic press consists of a PO7000 portable hydraulic pump, complete with a two-speed hydraulic system, capable of exerting pressure up to 700 bar using a convenient pedal-operated lever. The press is complemented by an ECW-H3D hydraulic head, which is suitable for installing electrical crimping connectors on conductors up to 630 mm² using the standard die set compatible with other 230 kN tools and

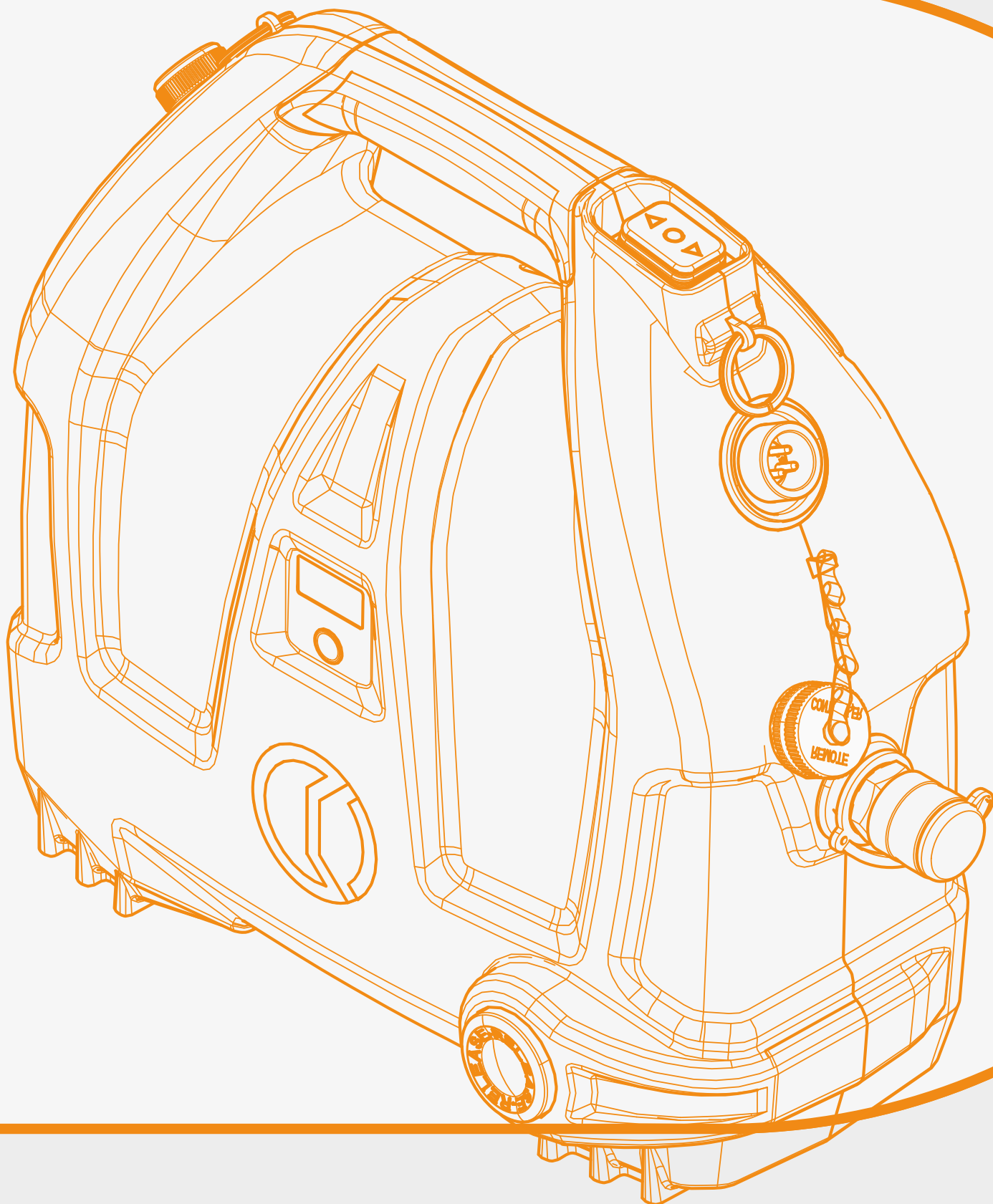
heads. By means of the AU520-130C adapter, this head can employ the semicircular plug-in die set common to tools developing a force of 130 kN. It is also compatible with a series of dies for compressing DIN-compliant electrical connectors and with a series of cutting dies for copper, aluminum, alloy and aluminum-steel ropes.

TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	10÷630 mm ²	Dimensions	680x200x163 mm
Head shape	U shape with pin	Net weight in operation	15 kg
Nominal hydraulic fluid pressure	729 bar	LOGISTIC	
Pressure control system	max pressure valve	Minimum packaging quantity	1
Release	Manual	Standard packaging quantity	1
Nominal crimping force	230 kN		

SUPPLIED WITH
PO7000 pump; ECW-H3D presshead; TF300-0 flexible hose; Q38-F quick coupler; Q14-MS quick coupler; VAL-P21 plastic case

COMPATIBILITY																				
mm ²																				
CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	185	240	300	400	500	630	800
DIN																				





PUMPS

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BATTERY-POWERED PUMPS

B68M-P18-KV-RC1

INSULATED HYDRAULIC PUMP, BATTERY
POWERED, RADIO CONTROLLED, 700 BAR



The B68M-P18-KV-RC1 cordless insulated electro-oleodynamic pump exerts pressure up to 700 bar independently, releasable at any time and in complete safety by means of the special button. It is equipped with a two-speed hydraulic system to make operation more agile and rapid, and is complete with type I38-F automatic locking female quick coupler for connecting insulated oil flexible hoses. This pump is equipped with a convenient push-button on board machine for easy actuation and release of hydraulic pressure. Alternatively, a convenient radio-controlled push-button panel is available to perform complex operations in confined spaces such as manholes and sumps from a safe distance. An optical-acoustic warning allows verification of each stage of execution.

TECHNICAL INFORMATION		
Insulated		✓
Range of operating temperature	-15÷50 °C	
Supply voltage	18 V	
Pressure control system	EPS (electronic pressure sensor)	
Release	Smart Release Technology;Manual	
Display		✓

Quiet and easy to handle, this pump has a solid, compact design to withstand any stress and features an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a pressure relief valve, a quick pressure release button, and a protected run button to prevent accidental operation. The pump features the OLED display to monitor various parameters in real time. To enhance the user experience, the pump is equipped with an automatic rechargeable battery docking system with control button. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

WEIGHT AND DIMENSIONS	
Dimensions	406x236x212 mm
Net weight in operation	6 kg
CERTIFICATIONS	
Ingress Protection	IP20
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
------	---------------

 EU

2 x CB1880L battery; ASC55-EU battery charger; RRC1 remote controller; USB cable; shoulder strap; CVB-031 canvas bag

BATTERY-POWERED PUMPS

B1300PK-KV

PORTABLE ELECTRO-HYDRAULIC INSULATED
PUMP, BATTERY OPERATED, WORKING
PRESSURE 700 BAR



The B1300PK-KV cordless insulated electro-oleodynamic pump exerts pressure up to 700 bar independently, releasable at any time and in complete safety by means of the special button. It is equipped with a two-speed oleodynamic system to make operation more agile and rapid, and with an automatic locking female quick coupler type I38-F. It is operated by insulated oil. Quiet and easy to handle, this pump has a solid and compact design to withstand any stress and is equipped with an ergonomic handle to ensure high levels of comfort even with prolonged use. For added safety, it features a pressure relief valve, a quick pressure release button and a protected run button to prevent accidental operation. LED lights illuminate the working area. The pump features OLED display to monitor various parameters in real

time, including:

- the minimum guaranteed pressure and instantaneous pressure achieved in bar and psi
- the selected operating mode
- the selected release mode
- the state of battery charge
- the number of work cycles completed and those remaining before maintenance
- other general operating information

To enhance the user experience, the pump is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology makes it possible to view and download recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Insulated	✓
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Pressure control system	EPS (electronic pressure sensor)
Release	Manual
Display	✓

WEIGHT AND DIMENSIONS	
Dimensions	390x239x103 mm
Net weight in operation	4.6 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	CB1880L battery; ASC55-EU battery charger; USB cable; shoulder strap



BATTERY-POWERED PUMPS

B1300PL

PORTABLE ELECTRO-HYDRAULIC PUMP,
BATTERY POWERED, 700 BAR



The B1300PL cordless electro-oleodynamic pump exerts pressure up to 700 bar independently, releasable at any time and in complete safety by means of the push-button. It is equipped with a two-speed hydraulic system to make operation more agile and rapid, and with an automatic locking female quick coupler. It is equipped with a 90 cm long high-pressure flexible hose complete with an automatic locking male and female quick coupler. Quiet and easy to handle, this pump has a solid and compact design to withstand any stress and is equipped with an ergonomic handle to ensure

high levels of comfort even with prolonged use. For added safety, it features a pressure relief valve, a quick pressure release button and a protected run button to prevent accidental operation. LED lights illuminate the working area. To enhance the user experience, the pump is equipped with an automatic rechargeable battery coupling system with control button. SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Tube length	90 cm
Dimensions	354x239x103 mm
Net weight in operation	4 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
	CB1852L battery; ASC55-EU battery charger; flexible hose; USB cable; shoulder strap; VAL-P44 plastic case; CVB-013 canvas bag

BATTERY-POWERED PUMPS

B68M-P18

PORTABLE BATTERY-POWERED ELECTRO-HYDRAULIC PUMP, OPERATING PRESSURE 700 BAR, WITH REMOTE CONTROL AND FLEXIBLE HOSE



The B68M-P18 cordless electro-oleodynamic pump exerts pressure up to 700 bar independently, releasable at any time and in complete safety by means of the special button.

It is equipped with a two-speed hydraulic system to make operation more agile and rapid, and a 2-m-long high-pressure flexible hose complete with an automatic locking female quick coupler and swivel coupling.

This pump is equipped with a convenient push-button on board machine to facilitate the actuation and release of hydraulic pressure. Alternatively, a convenient Plug&Fix remote-controlled push-button panel with extension cord is available.



Quiet and easy to handle, this pump has a solid, compact design to withstand any stress and features an ergonomic handle to ensure high levels of comfort even with prolonged use.

For added safety, it features a pressure relief valve, a quick pressure release button and a protected run button to prevent accidental operation. LED lights illuminate the working area.

The pump has OLED display to monitor various parameters in real time. Oil refilling is easily performed via the oil inlet.

SMARTOOL technology allows viewing and downloading of recorded data, ensuring complete digital support.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	18 V
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology;Manual
Display	✓

WEIGHT AND DIMENSIONS	
Tube length	2 m

WEIGHT AND DIMENSIONS	
Dimensions	364x236x186 mm
Net weight in operation	5.6 kg

CERTIFICATIONS	
Ingress Protection	IP20

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	2 x CB1852L battery; ASC55-EU battery charger; remote controller; TF200-Q14FM flexible hose; USB cable; shoulder strap; CVB-031 canvas bag



BATTERY-POWERED PUMPS

B70M-P36

PORTABLE BATTERY-POWERED ELECTRO-HYDRAULIC PUMP, OPERATING PRESSURE 700 BAR, WITH REMOTE CONTROL AND FLEXIBLE HOSE



B70M-P36 is a **battery-powered electro-hydraulic pump** designed to operate completely independently, generating a **pressure of up to 700 bar**, which can be released at any time in complete safety via the dedicated control. It is equipped with a **two-speed hydraulic system**, which optimizes working times by making operations faster and more efficient.

The pump connects to **CEMBRE hydraulic heads** via a **high-pressure flexible hose**, complete with **male and female quick-connect fittings with automatic locking**, ensuring a safe and reliable connection during all operational phases.

Operation is via the **controls integrated into the machine body**, designed to facilitate both startup and pressure relief; alternatively, a **control panel with extension** is available for **remote control**.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	36 V
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology;Manual
Display	✓

WEIGHT AND DIMENSIONS	
Tube length	3 m

PLUG	SUPPLIED WITH
------	---------------



EU

CB3680L battery; ASC145 EU battery charger; ERCH remote controller; 3m flexible hose; USB cable; shoulder strap; CVB-037 canvas bag

Quiet and easy to handle, the pump features a **compact and robust design**, engineered to withstand even heavy-duty use. The device ensures an **IP44M protection rating**, making it suitable even for **demanding operating environments**.

To ensure maximum safety, it incorporates a **maximum pressure relief valve**, a **quick-release system**, and a **start button protected** against accidental activation.

The pump is also equipped with an **OLED display** for real-time monitoring of key operating parameters and the **Smart Logo** system, which provides immediate feedback on operational status.

Finally, **SMARTOOL** technology enables **data logging, viewing, and downloading**, offering comprehensive digital support for **operation traceability**.

WEIGHT AND DIMENSIONS	
Dimensions	405x335x161 mm
Net weight in operation	10 kg

CERTIFICATIONS	
Ingress Protection	IP44M

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY-POWERED PUMPS

B70M-P36-CH

PORTABLE BATTERY-POWERED ELECTRO-HYDRAULIC PUMP, OPERATING PRESSURE 700 BAR, WITH INTEGRATED CONTROL KNOB WITH FLEXIBLE HOSE



B70M-P36-CH is a **battery-powered electro-hydraulic pump** designed to operate completely autonomously, generating a **pressure of up to 700 bar**, which can be released at any time in complete safety via the dedicated control. It is equipped with a **two-speed hydraulic system**, which optimizes working times by making operations faster and more efficient.

The pump connects to **CEMBRE hydraulic heads via a high-pressure flexible hose**, complete with **male and female quick-connect fittings with automatic locking**, ensuring a safe and reliable connection during all operational phases.

Operation is via the **controls integrated into the machine body**, designed to facilitate both startup and pressure relief; alternatively, a **control panel with extension** is available for **remote control**, integrated directly into the flexible hose.



Quiet and easy to handle, the pump features a **compact and robust design**, engineered to withstand even heavy-duty conditions. The device ensures an **IP44M protection rating**, making it suitable even for **demanding operating environments**.

To ensure maximum safety, it incorporates a **maximum pressure relief valve**, a **quick-release system**, and a **start button protected** against accidental activation.

The pump is also equipped with an **OLED display** for real-time monitoring of key operating parameters and the **Smart Logo** system, which provides immediate feedback on operational status.

Finally, **SMARTOOL** technology enables **data recording, viewing, and downloading**, offering comprehensive digital support for **operation traceability**.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Supply voltage	36 V
Pressure control system	EPS (electronic pressure sensor)
Release	Smart Release Technology;Manual
Display	✓

WEIGHT AND DIMENSIONS	
Dimensions	405x335x161 mm
Net weight in operation	10 kg
CERTIFICATIONS	
Ingress Protection	IP44M
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

PLUG	SUPPLIED WITH
 EU	CB3680L battery; ASC145 EU battery charger; ERCH-WH remote controller; USB cable; shoulder strap; CVB-037 canvas bag



PEDAL-OPERATED PUMPS

PO7000

HYDRAULIC PUMP, PEDAL, 700 BAR



The PO7000 hydraulic pump exerts pressure of up to 700 bar, releasable at any time and in complete safety using the foot pedal. It is equipped with a two-speed hydraulic system to make operation quicker and more agile, and a 3-m-long high-pressure flexible hose

complete with an automatic locking female quick coupler. This pump is equipped with a convenient pedal-operated lever for easy activation and release of hydraulic pressure. For added safety, it features a pressure relief valve.

TECHNICAL INFORMATION	
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	680x200x163 mm
Net weight in operation	9.8 kg

WEIGHT AND DIMENSIONS	
Tube length	3 m

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

VAL-P21 plastic case; TF300-0 flexible hose; Q38-F quick coupler

BATTERY-POWERED PUMPS

RCP-B70

REMOTE FOOT CONTROLLER



Portable remote foot control

WEIGHT AND DIMENSIONS	
Dimensions	280x241x126 mm

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MAINS-POWERED PUMPS

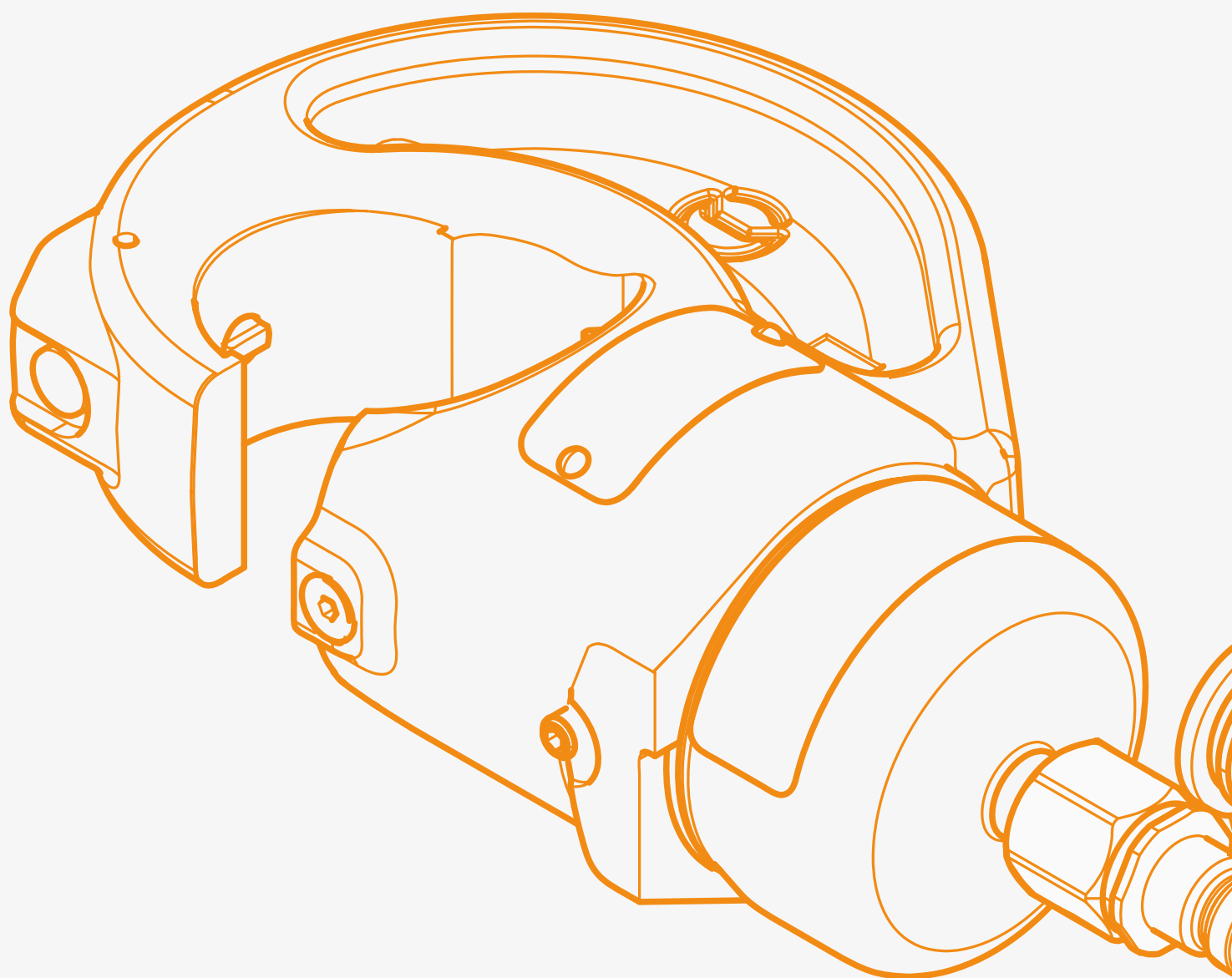
CS-CPE-1

TRANSPORTATION TROLLEY



WEIGHT AND DIMENSIONS	
Dimensions	1159x544x407 mm
Net weight in operation	7.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



HYDRAULIC HEADS

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MANUAL WIRE ROPE CUTTERS AND HEADS

TC025

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 25 MM



The TC025 hydraulic head is suitable for cutting copper, aluminum, aldreyl, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 25 mm.

The head, equipped with high-strength special stainless steel blades, can

be opened and is complete with a male quick coupler with automatic locking.

For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Maximum cutting diameter	25 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable closed

WEIGHT AND DIMENSIONS	
Dimensions	213x82x48 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL WIRE ROPE CUTTERS AND HEADS

TC04N

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 45 MM



The TC04N hydraulic head is suitable for cutting copper, aluminum, aldreyl, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 45 mm.

The head, equipped with high-strength special stainless steel blades, can

be opened and is complete with a male quick coupler with automatic locking.

For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Maximum cutting diameter	45 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	311.5x100x57.5 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL WIRE ROPE CUTTERS AND HEADS

TC050Y

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 50 MM



The TC050Y hydraulic head is suitable for cutting copper, aluminum, aldreyl, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 50 mm. The head, equipped with high-strength special stainless steel blades, can

TECHNICAL INFORMATION	
Maximum cutting diameter	50 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

be opened and is complete with a male quick coupler with automatic locking. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.



WEIGHT AND DIMENSIONS	
Dimensions	331.5x112x50 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL WIRE ROPE CUTTERS AND HEADS

TC055

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 55 MM



The TC055 hydraulic head is suitable for cutting copper, aluminum, aldreyl, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 55 mm. The head, equipped with high-strength special stainless steel blades, can

TECHNICAL INFORMATION	
Maximum cutting diameter	55 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

be opened and is complete with a male quick coupler with automatic locking. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.



WEIGHT AND DIMENSIONS	
Dimensions	357.5x134x79 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC085Y-KV

INSULATED HYDRAULIC CABLE-CUTTING HEAD, FOR COPPER AND ALUMINIUM CABLES, MAX Ø 85 MM

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	85 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	409x233x135 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC085-Z-KV-RC3

INSULATED HYDRAULIC CABLE-CUTTING HEAD, FOR COPPER AND ALUMINIUM CABLES, MAX Ø 85 MM, WITH SENSOR

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	85 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	410x233x153 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC096-Z-KV-RC3

INSULATED HYDRAULIC CABLE CUTTING HEAD FOR COPPER AND ALUMINIUM CABLES, MAX Ø 95 MM, WITH SENSOR

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Head shape	Scissor

WEIGHT AND DIMENSIONS	
Dimensions	500x242x145 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC085-KZ-1000-KV

INSULATED HYDRAULIC CABLE-CUTTING HEAD, FOR COPPER AND ALUMINIUM CABLES, MAX Ø 85 MM, WITH INTEGRATED 10 M PIPE

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	85 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	564x135x83 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC096-KZ-1000-KV

INSULATED HYDRAULIC CABLE-CUTTING HEAD, FOR COPPER AND ALUMINIUM CABLES, MAX Ø 95 MM, WITH INTEGRATED 10 M PIPE

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Head shape	Scissor

WEIGHT AND DIMENSIONS	
Dimensions	397x242x145 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC096-N-500-KV

INSULATED HYDRAULIC CABLE-CUTTING HEAD, MAX Ø 95 MM, WITH INTEGRATED GROUNDING CABLE



The TC096-N-500-KV insulated oil-insulated hose head is suitable for scanning and cutting B.T./M.T. cables with a maximum diameter of 95 mm in maximum incidental voltage of 60 kV. The flexible hose with insulated high dielectric oil is 5 m long and complete with auto-locking female quick coupling directly connected to the head

TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Head shape	Scissor

WEIGHT AND DIMENSIONS	
Dimensions	396.5x249x121 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



and auto-locking male quick coupling type I38-MS for connection to the pump. The flexible cable for connection to the earth electrode has a cross section of 25 mm² and a length of 5 m.



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC120-Z-KV-RC3

INSULATED HYDRAULIC CABLE CUTTING HEAD FOR COPPER AND ALUMINIUM CABLES, MAX Ø 120 MM, WITH SENSOR



TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	120 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	536x184x139 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC120-KZ-1000-KV

INSULATED HYDRAULIC CABLE-CUTTING HEAD, FOR COPPER AND ALUMINIUM CABLES, MAX Ø 120 MM, WITH INTEGRATED 10 M PIPE



TECHNICAL INFORMATION	
Insulated	✓
Maximum cutting diameter	120 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	481.5x175x63.2 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC050

HYDRAULIC CABLE CUTTER HEAD, FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 50 MM



The TC050 hydraulic head is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 50 mm. The head, equipped with high-strength special stainless steel blades, can

TECHNICAL INFORMATION	
Maximum cutting diameter	50 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine



be opened and is complete with a male quick coupler with automatic locking. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

WEIGHT AND DIMENSIONS	
Dimensions	325.5x112x52 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC065-SC

HYDRAULIC CABLE CUTTER HEAD, FOR COPPER CABLES, ALUMINUM AND TELEPHONE CABLES WITH MAX DIAMETER OF 65 MM



The TC065-SC hydraulic head is suitable for cutting conductors, copper and aluminum cables, and telephone cables with a maximum diameter of 65 mm. The head, equipped with high-strength special stainless steel blades, is open to allow rapid cutting of through cables by precise "scissor"

TECHNICAL INFORMATION	
Maximum cutting diameter	65 mm
Range of operating temperature	-15÷50 °C
Head shape	Scissor



movements. It is complete with a male quick coupler with automatic locking. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

WEIGHT AND DIMENSIONS	
Dimensions	426x185x105 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC085

HYDRAULIC CABLE CUTTER HEAD, FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 85 MM



The TC085 hydraulic head is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 85 mm. The head, equipped with high-strength special stainless steel blades, can

TECHNICAL INFORMATION	
Maximum cutting diameter	85 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC096

HYDRAULIC CABLE CUTTER HEAD, FOR COPPER CABLES, ALUMINUM AND TELEPHONE CABLES WITH MAX Ø 95 MM



The TC096 hydraulic cutting head is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 95 mm. The head, equipped with high-strength special stainless steel blades, is open to allow rapid cutting of through cables by precise "scissor"

TECHNICAL INFORMATION	
Maximum cutting diameter	95 mm
Range of operating temperature	-15÷50 °C
Head shape	Scissor



be opened and is complete with a male quick coupler with automatic locking. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

WEIGHT AND DIMENSIONS	
Dimensions	409x135x63.5 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



movements. It is complete with a male quick coupler with automatic locking. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

WEIGHT AND DIMENSIONS	
Dimensions	397x249x100 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

TC120

HYDRAULIC CABLE CUTTER HEAD, FOR
COPPER AND ALUMINUM CABLES AND
TELEPHONE CABLES WITH MAX Ø 120 MM



The TC120 hydraulic head is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 120 mm.

The head, equipped with high-strength special stainless steel blades, can be opened to facilitate cutting through cables and is complete with a

male quick coupler with automatic locking.

It is equipped with an ergonomic handle for easy positioning of the head on the cable.

For its operation, it needs to be combined with a hydraulic pump with a maximum operating pressure of 700 bar.



TECHNICAL INFORMATION	
Maximum cutting diameter	120 mm
Range of operating temperature	-15÷50 °C
Head shape	Openable guillotine

WEIGHT AND DIMENSIONS	
Dimensions	536x175x83 mm

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RH50

HYDRAULIC CRIMPING HEAD, 50 kN,
OPENABLE CLOSED HEAD, FOR ELECTRICAL
CONNECTORS UP TO 300 mm²



The RH50 hydraulic head is suitable for installing crimping electrical connectors on conductors up to 300 mm². It adopts the standard die set compatible with other tools and 50 kN heads. The head can be opened and is complete with a male quick coupler with

automatic locking. For its operation, it must be combined with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Crimping section range	4÷300 mm²
Range of operating temperature	-15÷50 °C
Head shape	Openable closed
Nominal crimping force	50 kN

WEIGHT AND DIMENSIONS	
Dimensions	196x75x48 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY																				
mm²																				
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU81-D

HYDRAULIC CRIMPING HEAD, 80 KN, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 240 MM²



The RHU81-D hydraulic head is suitable for installing crimping electrical connectors on conductors up to 240 mm². It is an ideal choice for connection on electrical panels and in tight spaces. The head, complete with a male quick coupler with automatic locking, can compress a wide range of connectors with just a few die pairs, including double-tap, thanks

to its striker pin opening and closing system. It is also compatible with a range of cutting dies for copper, aluminum, alloy and aluminum-steel strings. For its operation, it is necessary to combine it with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Crimping section range	4÷240 mm ²
Range of operating temperature	-15÷50 °C
Head shape	U shape with pin
Release	Manual
Nominal crimping force	79 kN

WEIGHT AND DIMENSIONS	
Dimensions	235x91x56 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHC131

HYDRAULIC CRIMPING HEAD, 130 kN, OPEN C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The RHC131 hydraulic head is suitable for installing crimping electrical connectors on conductors up to 400 mm². It adopts the standard die set compatible with other 130 kN tools and heads. The head is open and comes complete with a male quick coupler with

automatic locking. For its operation, it must be combined with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm²
Range of operating temperature	-15÷50 °C
Head shape	C
Nominal crimping force	130 kN

WEIGHT AND DIMENSIONS	
Dimensions	234x129x76 mm

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY																					
 mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					
																					

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHC131LN

HYDRAULIC CRIMPING HEAD, 130 kN, WITH LARGER OPENING C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The RHC131LN hydraulic head is suitable for installing crimping electrical connectors on conductors up to 400 mm². It adopts the standard die set compatible with other 130 kN tools and heads. The head with special enlarged opening up to 42 mm is designed for easy

removal from the crimping area. It is complete with male quick coupling with automatic locking. It must be combined with a hydraulic pump with a maximum operating pressure of 700 bar for its operation.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Range of operating temperature	-15÷50 °C
Head shape	C long
Nominal crimping force	130 kN

WEIGHT AND DIMENSIONS	
Dimensions	298x122x75 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY																					
 mm ²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX																					
																					
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU131-C

HYDRAULIC CRIMPING HEAD, 130 kN, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max.

RHU131-C is suitable for installing the same range of connectors as HT 131-UC.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm²
Range of operating temperature	-15÷50 °C
Head shape	U shape without pin
Release	Manual
Nominal crimping force	130 kN

WEIGHT AND DIMENSIONS	
Dimensions	245x89x82.5 mm

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY																				
mm²																				
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	800

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

ECW-H3D

HYDRAULIC CRIMPING HEAD, 230 kN, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 630 mm²



The ECW-H3D hydraulic head is suitable for installing crimping electrical connectors on conductors up to 630 mm². It adopts the standard die set compatible with other 230 kN tools and heads. The head is enclosed and comes complete with a male quick coupler with automatic locking. By means of the AU520-130C adapter, it can employ the semicircular

plug-in die series common to tools developing a force of 130 kN. It is also compatible with a series of dies for compressing DIN-compliant electrical connectors and with a series of cutting dies for copper, aluminum, aldreyl and aluminum-steel ropes. For its operation, it needs to be combined with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Crimping section range	10÷630 mm ²
Range of operating temperature	-15÷50 °C
Head shape	U shape with pin
Release	Manual
Nominal crimping force	230 kN

WEIGHT AND DIMENSIONS	
Dimensions	290x120x90 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU230-630

HYDRAULIC CRIMPING HEAD, 230 kN, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 630 mm²



The RHU230-630 hydraulic head is suitable for installing crimping electrical connectors on conductors up to 630 mm². It adopts the standard die set compatible with other 230 kN tools and heads. It is an ideal choice for crimping aluminum connectors, complying with AFNOR C33-090-1, using the accessories provided in AFNOR NFC 033-090-4. The head is enclosed and is complete with a male quick coupler with

automatic locking. By means of adapters AU230-130-C/N and AU 230-PS/E it can employ the semicircular plug-in die set common to tools developing a force of 130 kN. For its operation, it needs to be combined with a hydraulic pump with a maximum operating pressure of 700 bar.

TECHNICAL INFORMATION	
Crimping section range	10÷630 mm²
Range of operating temperature	-15÷50 °C
Head shape	U shape without pin
Nominal crimping force	230 kN

WEIGHT AND DIMENSIONS	
Dimensions	365x193x120 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY																				
 mm²																				
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	1000
FLEX																				
																				
																				
																				
																				

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU450

HYDRAULIC CRIMPING HEAD, 450 kN



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max. Adaptor type AU 450-130 D is available as an optional extra enabling the

head to utilise the semi-circular slotted dies which are common to most 130 kN tools.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Head shape	U shape with pin
Nominal crimping force	450 kN

WEIGHT AND DIMENSIONS	
Dimensions	258x175x114 mm

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

COMPATIBILITY																					
 mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU520

HYDRAULIC CRIMPING HEAD, 520 KN



The **RHU520 hydraulic crimping head** is designed for **crimping electrical connectors** on conductors up to **1200 mm² / 2000 MCM**. It is particularly suitable for applications on **high-voltage overhead power lines**.

Main features:

- Crimping force: **520 kN / 50 tons**.
- For conductors up to **1200 mm² / 2000 MCM**.

- Compatible with **standard 520 kN / 50 tons dies**.
 - Can be used with **130 kN / 12 tons semi-circular dies** via the **AU520-130C** adapter.
 - **Quick male coupling** with automatic locking.
- The **RHU520** requires a **700 bar / 10,000 psi hydraulic pump** for operation.

TECHNICAL INFORMATION										WEIGHT AND DIMENSIONS														
Crimping section range					10÷1200 mm²					Dimensions					700x306x200 mm									
Range of operating temperature					-15÷50 °C					LOGISTIC														
Head shape					U shape with pin										Minimum packaging quantity					1				
Release					Manual										Standard packaging quantity					1				
Nominal crimping force					520 kN																			
COMPATIBILITY																								
 mm²																								
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000	1200		
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800	1000		
																								
																								

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU600

HYDRAULIC CRIMPING HEAD, 600 kN



The **RHU600 hydraulic head** is designed for **crimping of electrical connectors** and is compatible with the **600 kN / 67 tons standard die series**. It guarantees high performance and is particularly suitable for professional use in the Power & Utility sector, for the construction and maintenance of electrical power distribution and transmission systems and networks.

Main features:

- Crimping force: **600 kN / 67 tons**.
- Compatible with **standard 600 kN / 67 tons dies**.

- Compatible with **interchangeable Cembre dies and other standard systems**.
- Allows the crimping of **Ø 41.1 mm / 2.61 MCM aluminum rope connectors** using a pair of **M600-600 dies**.
- **Quick male coupling** with automatic locking.
- The **RHU600** requires a **700 bar / 10,000 psi hydraulic pump** for operation. The RHU600 offers **reliability, compatibility, and ease of use**, making it a versatile solution for high compression force applications.

TECHNICAL INFORMATION	
Crimping section range	±60 mm²
Range of operating temperature	-15÷50 °C
Head shape	U shape without pin
Release	Manual
Nominal crimping force	600 kN

WEIGHT AND DIMENSIONS	
Dimensions	447x210x204 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

RHU1000

HYDRAULIC CRIMPING HEAD, 1100 kN



The **RHU1000 hydraulic crimping head** is the ideal choice for installing **connectors for full traction, transmission, and substations**. Complete with a quick-connect male coupling with automatic locking, the RHU1000 guarantees high performance and ease of use even in the most demanding operations.

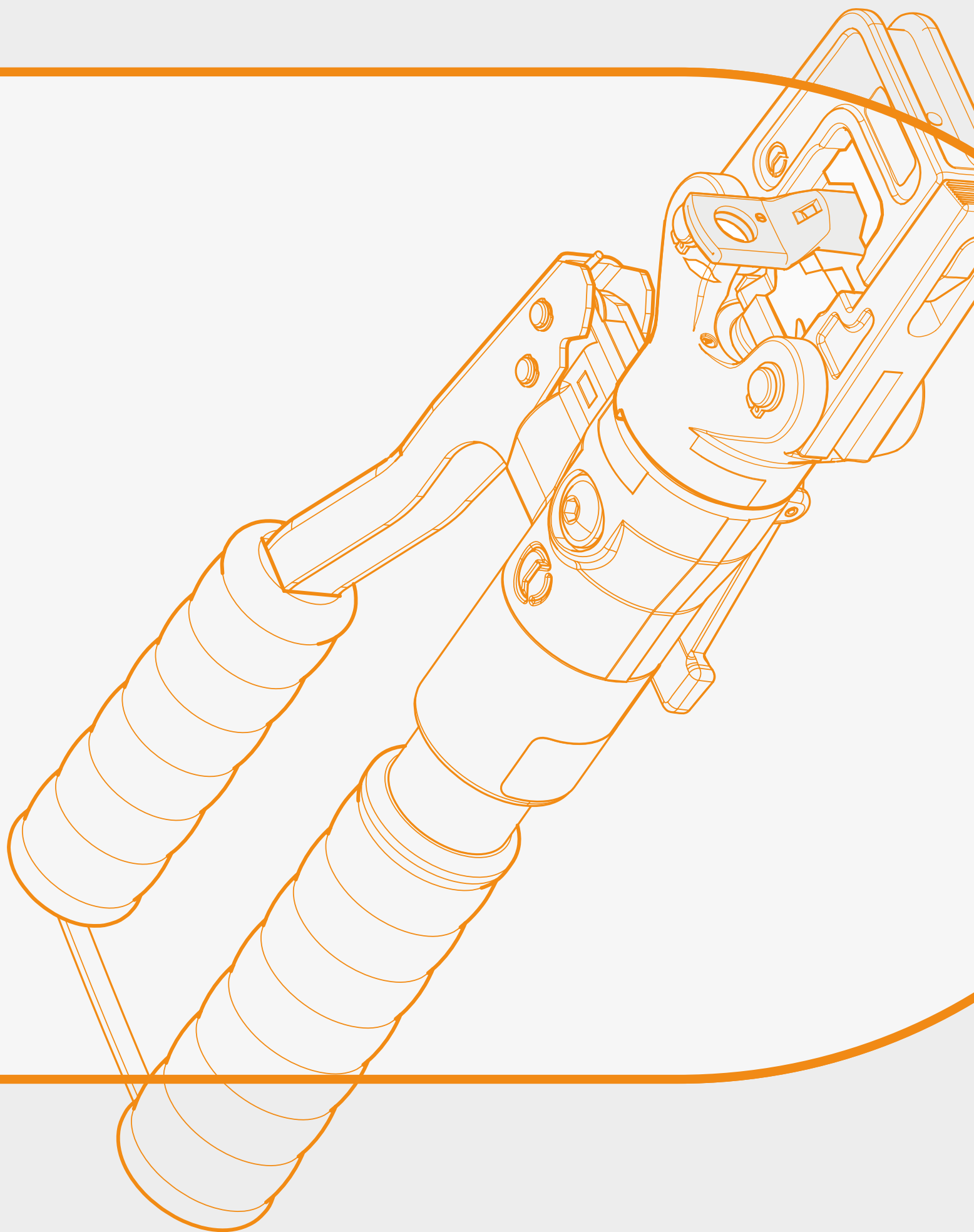
Main features:

- Compression force: **1100 kN (123 tons)**.
- Can be used in both **single-acting** and **double-acting** versions.

- Compatible with **standard 1100 kN (123 tons) dies**.
 - Compatible with **interchangeable Cembre dies and other standard systems**.
 - **Removable die support** for easy positioning of connectors.
 - The upper part of the support **rotates automatically** during die change.
 - **Quick male coupling** with automatic locking.
- For use, the **RHU1000** requires a **700 bar (10,000 psi) single or double-acting hydraulic pump**.

TECHNICAL INFORMATION	
Range of operating temperature	-15÷50 °C
Head shape	U shape without pin
Nominal crimping force	1100 kN

WEIGHT AND DIMENSIONS	
Dimensions	414x278x185 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1





HYDRAULIC MANUAL TOOLS

WIRE ROPE CUTTERS	156
CABLE CUTTERS	159
CRIMPING TOOLS	161



MANUAL WIRE ROPE CUTTERS AND HEADS

HT-TC026

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 25 MM

The HT-TC026 oleodynamic tool is suitable for cutting copper, aluminum, aldreyl, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 25 mm. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 180° rotation allows the wire cutter to be adapted to various modes of use. Lightweight and easy to handle, the HT-TC026 cable cutter is equipped

with a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. It also features a self-returning movable handle with limited angle opening to allow cutting to be done in one motion. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

TECHNICAL INFORMATION	
Maximum cutting diameter	25 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	382x129x82 mm
Maximum dimensions	382x295x82 mm
Net weight in operation	3.2 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

CVB-001 canvas bag

MANUAL WIRE ROPE CUTTERS AND HEADS

HT-TC026Y

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL AND STEEL BARS WITH MAX Ø 25 MM

The HT-TC026Y oleodynamic tool is suitable for cutting conductors, copper, aluminum, aldreyl, steel and aluminum-steel ropes, and stainless steel rounds with a maximum diameter of 25 mm. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 180° rotation allows the wire cutter to be adapted to various modes of use. Lightweight and easy to handle, the HT-TC026Y cable cutter is equipped

with a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. It also features a self-returning movable handle with limited angle opening to allow cutting to be done in one motion. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

TECHNICAL INFORMATION	
Maximum cutting diameter	25 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	900 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	394.5x145x60 mm
Maximum dimensions	394.5x295x82 mm
Net weight in operation	3.35 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

CVB-001 canvas bag



MANUAL WIRE ROPE CUTTERS AND HEADS

HT-TC041N

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 45 MM

The HT-TC041N oleodynamic tool is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 45 mm.

Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 180° rotation allows the wire cutter to be adapted to various modes of use.

TECHNICAL INFORMATION	
Maximum cutting diameter	45 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

SUPPLIED WITH

CVB-010 canvas bag



Compact and easy to handle, the HT-TC041N cable cutter has a solid and durable design to withstand high stresses. It features a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

WEIGHT AND DIMENSIONS	
Dimensions	552x144x88 mm
Maximum dimensions	552x343.5x88 mm
Net weight in operation	5.7 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL WIRE ROPE CUTTERS AND HEADS

HT-TC051Y

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 50 MM

The HT-TC051Y oleodynamic tool is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 50 mm.

Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. A 90-degree rotation allows the wire cutter to be adapted to various modes of use.

Lightweight and easy to handle, the HT-TC051Y cable cutter is equipped

TECHNICAL INFORMATION	
Maximum cutting diameter	50 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	725 bar
Pressure control system	max pressure valve
Release	Manual

SUPPLIED WITH

CVB-010 canvas bag



with a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. It also features a self-returning movable handle with limited angle opening to allow cutting to be done in one motion. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

WEIGHT AND DIMENSIONS	
Dimensions	503x129x112 mm
Maximum dimensions	503x295x112 mm
Net weight in operation	4.7 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MANUAL WIRE ROPE CUTTERS AND HEADS

HT-TC055

HYDRAULIC WIRE ROPE CUTTER, FOR CONDUCTORS AND ROPES IN COPPER, ALUMINUM, ALDREY, STEEL AND ALUMINUM-STEEL WITH MAX Ø 55 MM



The HT-TC055 oleodynamic tool is suitable for cutting copper, aluminum, aldre, stainless steel and aluminum-steel conductors and ropes with a maximum diameter of 50 mm. Its head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 330° rotation allows the wire cutter to be adapted to various modes of use.

TECHNICAL INFORMATION	
Maximum cutting diameter	55 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	900 bar
Pressure control system	max pressure valve
Release	Manual

SUPPLIED WITH	
CVB-029/1 canvas bag; VAL-P7 plastic case	

Compact and easy to handle, the HT-TC055 cable cutter has a solid and durable design to withstand high stresses. It features a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

WEIGHT AND DIMENSIONS	
Dimensions	595x144x79 mm
Maximum dimensions	595x343.5x79 mm
Net weight in operation	8.2 kg
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

HT-TC051

HYDRAULIC CUTTING TOOL, FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 50 MM



The HT-TC051 oleodynamic tool is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 50 mm. The head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 90° rotation allows the cable cutter to be adapted to various modes of use. Lightweight and easy to handle, the HT-TC051 cable cutter is equipped

with a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. It also features a self-returning movable handle with limited angle opening to allow cutting to be done in one motion. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

TECHNICAL INFORMATION	
Maximum cutting diameter	50 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	497x129x112 mm
Maximum dimensions	497x295x112 mm
Net weight in operation	4.38 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

CVB-010 canvas bag

MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

HT-TC065

HYDRAULIC CUTTING TOOL, FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 65 MM



The HT-TC065 oleodynamic tool is suitable for cutting conductors, copper and aluminum cables and telephone cables with a maximum diameter of 65 mm. The head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 90° rotation allows the cable cutter to be adapted to various modes of use. Lightweight and easy to handle, the HT-TC065 cable cutter is equipped

with a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. It also features a self-returning movable handle with limited angle opening to allow cutting to be done in one motion. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

TECHNICAL INFORMATION	
Maximum cutting diameter	65 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	725 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	523x130x129 mm
Maximum dimensions	523x295x130 mm
Net weight in operation	5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

CVB-010 canvas bag



MANUAL CABLE CUTTERS, HEADS AND PEDAL UNITS

HT-TC0851

HYDRAULIC CUTTING TOOL, FOR COPPER AND ALUMINUM CABLES AND TELEPHONE CABLES WITH MAX Ø 85 MM



The HT-TC0851 hydraulic tool is suitable for cutting conductors, copper and aluminum cables, and telephone cables up to 85 mm in diameter. The head, equipped with high-strength special stainless steel blades, can be opened to allow quick cutting of through cables. The 90° rotation allows the cable cutter to be adapted to various modes of use. Compact and handy, the HT-TC0851 cable cutter has a solid and durable

design to withstand high stresses. It features a two-speed hydraulic system to make cutting easier and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

TECHNICAL INFORMATION	
Maximum cutting diameter	85 mm
Head shape	Openable guillotine
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual

WEIGHT AND DIMENSIONS	
Dimensions	652.5x141.5x63.5 mm
Maximum dimensions	652.5x341x63.5 mm
Net weight in operation	6.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

CVB-029/1 canvas bag; VAL-P7 plastic case

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT45-763031

HYDRAULIC CRIMPING TOOL, 50 kN, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 150 MM²



TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	4÷150 mm ²	Dimensions	345x125x60 mm
Head shape	Openable closed	Maximum dimensions	345x250x60 mm
Nominal hydraulic fluid pressure	600 bar	Net weight in operation	2.8 kg
Pressure control system	max pressure valve	LOGISTIC	
Release	Manual		
Nominal crimping force	50 kN	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
HT45 tool; dies kit HT45 ENEL; VAL-M/L3 plastic case	

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT45-E

HYDRAULIC CRIMPING TOOL, 50 kN, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 150 MM²



Lightweight and compact, this tool is ideal for the compression of connectors for general applications. Having the benefit of spring loaded handles, the dies can be advanced using only one hand; therefore leaving the other hand free to position the connector. For ease of operation and comfort of the operator, the tool head can be fully rotated through 180 degrees. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and a pressure releasing system

can easily be operated at any stage of the compression. The operator can advance the dies using only one hand, leaving the other hand free to position the connector. Pressure releasing system, that can be operated at any stage. Safety valve bypassing the oil supply when the maximum pressure is reached. Openable head, ideal for derivations from running conductors. 180° rotatable head, to work in the most comfortable position

TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	4÷150 mm ²	Dimensions	345x125x60 mm
Head shape	Openable closed	Maximum dimensions	345x250x60 mm
Nominal hydraulic fluid pressure	600 bar	Net weight in operation	2.8 kg
Pressure control system	max pressure valve	LOGISTIC	
Release	Manual		
Nominal crimping force	50 kN	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
VAL-M/L3 plastic case	



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT51

HYDRAULIC CRIMPING TOOL, 50 KN, WITH OPENABLE CLOSED HEAD, FOR ELECTRICAL CONNECTORS UP TO 240 MM²



The HT51 hydraulic tool is suitable for installing crimping electrical connectors on conductors up to 240 mm2. This crimping tool adopts the standard die set compatible with other 50 kN tools and heads. It is an ideal choice for connecting on electrical panels and in tight spaces. The head can be opened and rotated 180° to adapt to various modes of use. Lightweight and easy to handle, the HT51 crimping machine features a

two-speed hydraulic system to make crimping more agile and faster, and an ergonomic handle to ensure high levels of comfort. It also features a self-returning movable handle with limited angular opening to allow the connector to be positioned and compressed in a single movement. For added safety, it features a pressure relief valve and a manual device for quick pressure release.

TECHNICAL INFORMATION	
Crimping section range	4÷240 mm²
Head shape	Openable closed
Nominal hydraulic fluid pressure	600 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	50 kN

WEIGHT AND DIMENSIONS	
Dimensions	380x130x60 mm
Maximum dimensions	380x295x60 mm
Net weight in operation	2.75 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

VAL-M/L3 plastic case

COMPATIBILITY

mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX																					
																					
																					
																					
																					
																					

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT81-UD

HYDRAULIC CRIMPING TOOL, 80 KN, WITH
U-HEAD, FOR ELECTRICAL CONNECTORS UP
TO 240 MM²



TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	4÷240 mm ²	Dimensions	485x141.5x54 mm
Head shape	U shape with pin	Maximum dimensions	485x341x54 mm
Nominal hydraulic fluid pressure	729 bar	Net weight in operation	3.4 kg
Pressure control system	max pressure valve	LOGISTIC	
Release	Manual	Minimum packaging quantity	1
Nominal crimping force	80 kN	Standard packaging quantity	1

SUPPLIED WITH
VAL-M/X2 plastic case

COMPATIBILITY																				
 mm ²																				
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630
																				
																				
																				



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT120-KV

HYDRAULIC CRIMPING TOOL, 120 kN, WITH OPEN C-HEAD, INSULATED, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



TECHNICAL INFORMATION	
Insulated	✓
Crimping section range	10÷400 mm²
Head shape	C
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	120 kN

WEIGHT AND DIMENSIONS	
Dimensions	492x138x72 mm
Maximum dimensions	492x370x72 mm
Net weight in operation	9.6 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH
VAL-M/X2 plastic case

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
																					
																					
																					
																					

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT120

HYDRAULIC CRIMPING TOOL, 120 kN,
WITH OPEN C-HEAD, FOR ELECTRICAL
CONNECTORS UP TO 400 mm²



The HT120 hydraulic tool is suitable for installing crimping electrical connectors on conductors up to 400 mm². This crimping machine adopts the standard die set compatible with other 120 kN tools and heads. It is an ideal choice for connecting on overhead lines and electrical installations. The head is open and can rotate 180° to adapt to various modes of use.

Compact and easy to handle, the HT120 crimping tool features a two-speed hydraulic system to make crimping more agile and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure relief.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm ²
Head shape	C
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	120 kN

WEIGHT AND DIMENSIONS	
Dimensions	490x156x76 mm
Maximum dimensions	490x370x76 mm
Net weight in operation	9.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH
VAL-M/X2 plastic case

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6	10	16	25	25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT131-C

HYDRAULIC CRIMPING TOOL, 130 kN,
WITH OPEN C-HEAD, FOR ELECTRICAL
CONNECTORS UP TO 400 mm²



The HT131-C hydraulic tool is suitable for installing crimping electrical connectors on conductors up to 400 mm². This crimping machine adopts the standard die set compatible with other 130 kN tools and heads. The head is open and can rotate 180° to adapt to various modes of use. Compact and handy, the HT131-C crimping machine has a solid and

durable design to withstand high stresses. It features a two-speed hydraulic system to make crimping more agile and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure release.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm²
Head shape	C
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	130 kN

WEIGHT AND DIMENSIONS	
Dimensions	473x144x76 mm
Maximum dimensions	473x344x76 mm
Net weight in operation	5.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH
VAL-M/X2 plastic case

COMPATIBILITY

 mm²

CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	1.5	2.5	6				25	35	50	70	95	120	150	200	185	240	300	400	500	630	800
																					
																					
																					
																					

MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT131LN-C

HYDRAULIC CRIMPING TOOL, 130 kN, WITH LARGER OPENING C-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The HT131LN-C hydraulic tool is suitable for installing crimping electrical connectors on conductors up to 400 mm². This crimping tool adopts the standard die set compatible with other 130 kN tools and heads. The head with special enlarged opening up to 42 mm is designed for easy removal of the tool from the crimping area. The 180° rotation allows the crimping tool to be adapted to various modes of use.

Compact and easy to handle, the HT131LN-C crimping tool has a solid and durable design to withstand high stresses. It features a two-speed hydraulic system to make crimping more agile and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure release.

TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Crimping section range	10÷400 mm ²	Dimensions	538x144x75 mm
Head shape	C long	Maximum dimensions	538x343.5x75 mm
Nominal hydraulic fluid pressure	729 bar	Net weight in operation	7 kg
Pressure control system	max pressure valve	LOGISTIC	
Release	Manual	Minimum packaging quantity	1
Nominal crimping force	130 kN	Standard packaging quantity	1

SUPPLIED WITH
VAL-M/X2 plastic case

COMPATIBILITY

 mm²

CL. 2	0.25	1.5	4	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX	÷ 1.5	÷ 2.5	÷ 6				25	35	50	70	95	120	150		185	240	300	400	500	630	800
																					
																					
																					
																					



MANUAL CRIMPING HYDRAULIC TOOLS, HEADS AND PEDAL UNITS

HT131-UC

HYDRAULIC CRIMPING TOOL, 130 kN, WITH U-HEAD, FOR ELECTRICAL CONNECTORS UP TO 400 mm²



The HT131-UC hydraulic tool is suitable for installing crimping electrical connectors on conductors up to 400 mm², and also on aluminum cables by means of deep punching technique in closed die. This crimping machine adopts the standard die set compatible with other 130 kN tools and heads. The head is closed and can rotate 180° to adapt to various modes of use.

Compact and handy, the HT131-UC crimping machine has a solid and durable design to withstand high stresses. It features a two-speed hydraulic system to make crimping more agile and faster, and an ergonomic handle to ensure high levels of comfort. For added safety, it features a pressure relief valve and a manual device for quick pressure release.

TECHNICAL INFORMATION	
Crimping section range	10÷400 mm²
Head shape	U shape without pin
Nominal hydraulic fluid pressure	729 bar
Pressure control system	max pressure valve
Release	Manual
Nominal crimping force	130 kN

WEIGHT AND DIMENSIONS	
Dimensions	488x149x76 mm
Maximum dimensions	488x349x76 mm
Net weight in operation	5.4 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SUPPLIED WITH

VAL-M/X2 plastic case; AU130-C adaptor

COMPATIBILITY

mm²																					
CL. 2	0.25 ÷ 1.5	1.5 ÷ 2.5	4 ÷ 6	10	16	25	35	50	70	95	120	150	185	200	240	300	400	500	630	800	1000
FLEX																					







MECHANICAL TOOLS

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SCISSORS

SC5X

PROFESSIONAL SCISSORS



The **SC5X 'Robust-A'** professional scissors are designed for **cutting** and **stripping**Cu/Al wires, cables, and flexible conductors up to **50 mm²**. The **all-stainless steel construction** ensures maximum strength, durability, and long-term reliability. The **optimized leverage ratio** reduces operator effort, while the **anti-slip micro-serration** ensures **precise cuts** even on the toughest materials.

- **High blade hardness (58 HRC)** for consistent performance over time
- **Anti-slip micro-serration** for precise and controlled cuts

WEIGHT AND DIMENSIONS	
Dimensions	162x77x18 mm
Net weight in operation	121 g

- **Cutting groove profile** for cutting conductors up to 50 mm²
 - **Ergonomic two-component handle** with soft rubber inserts
 - **Anti-loosening pin** for consistently perfect blade alignment
 - **Solid construction in special stainless steel** for maximum strength and durability
- CEMBRE** scissors come with a **convenient case with swivel clip** and are the ideal solution for professional electricians and technicians seeking **reliability, practicality, and comfort** in every job.

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SCISSORS

SC6X

PROFESSIONAL SCISSOR



The **SC6X 'Agil-E'** professional scissors are designed for **cutting** and **stripping**Cu-Al wires, cables, and flexible conductors up to **50 mm²**.

Extremely **lightweight** and **easy to handle**, they are the perfect tool for extended use without fatigue.

The handle features a practical **integrated system for crimping end sleeves**.

- **High blade hardness (58 HRC)** for consistent performance over time

WEIGHT AND DIMENSIONS	
Dimensions	153x73.6x18 mm
Net weight in operation	86 g

- **Anti-slip micro-serration** for precise and controlled cuts
 - **Cutting groove design** for cutting conductors up to 50 mm²
 - **Ergonomic two-component handle** with soft rubber inserts
 - **Anti-loosening pin** for consistently perfect blade alignment
 - **Optimized leverage ratio** to reduce operator effort
- The **CEMBRE** scissors come with a **convenient case with a swivel clip** and are the ideal solution for professional electricians and technicians seeking **reliability, practicality, and comfort** in every job.

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SCISSORS

SC3X

PROFESSIONAL SCISSOR



Multi-purpose scissors with high hardness blades (56 HRC) and anti slide serrations. The moulded plastic handles combine a rigid structure with a

softer material for finger comfort. Cutting of flexible conductors up to 35 sqmm

WEIGHT AND DIMENSIONS	
Dimensions	150x75x20 mm
Net weight in operation	86 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SCISSORS

SC1

PROFESSIONAL SCISSOR



Electricians scissors with high tensile steel blades allowing for excellent strength and performance. Specially micro-serrated blades for anti-slip

purpose. Handles are made from dual component materials.

WEIGHT AND DIMENSIONS	
Dimensions	145x68x8 mm
Net weight in operation	105 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MECHANICAL TOOLS

KT1R

CABLE CUTTER FOR COPPER AND ALUMINUM CABLES, MAXIMUM DIAMETER 12 MM

TECHNICAL INFORMATION	
Maximum cutting diameter	12 mm
WEIGHT AND DIMENSIONS	
Dimensions	180x170x20 mm
Net weight in operation	230 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MECHANICAL TOOLS

KT1N

CABLE CUTTER FOR COPPER AND ALUMINUM CABLES, MAXIMUM DIAMETER 15 MM

TECHNICAL INFORMATION	
Maximum cutting diameter	15 mm
WEIGHT AND DIMENSIONS	
Dimensions	170x65x28 mm
Net weight in operation	264 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MECHANICAL TOOLS

KT2N

CABLE CUTTER FOR COPPER AND ALUMINUM CABLES, MAXIMUM DIAMETER 20 MM

TECHNICAL INFORMATION	
Maximum cutting diameter	20 mm
WEIGHT AND DIMENSIONS	
Dimensions	220x65x28 mm
Net weight in operation	350 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MECHANICAL TOOLS

KT5

MECHANICAL CABLE CUTTER, KT SERIES,
FOR COPPER AND ALUMINUM CABLES WITH
MAXIMUM SECTION 25 MM²



TECHNICAL INFORMATION	
Maximum cutting diameter	25 mm
WEIGHT AND DIMENSIONS	
Dimensions	170x52 mm
Net weight in operation	108 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

KT3N

MECHANICAL CABLE CUTTER, KT SERIES,
FOR CU AND AL CABLES WITH MAXIMUM Ø
34 MM, NOT SUITABLE FOR CLASS 5 AND 6
CABLES, ACSR, ARMORED CABLES OR STEEL



KT3N is a **professional mechanical tool** designed for the **precise and safe cutting** of **copper** and **aluminum** cables with a **maximum diameter of 34 mm**. Part of the **KT series**, this cable cutter is ideal for electrical and industrial applications where a **clean cut** is required without excessive effort on the part of the operator. The tool has a **robust** and reliable structure to ensure **strength, durability**, and **safety of use** even in the most demanding conditions. The

TECHNICAL INFORMATION	
Maximum cutting diameter	34 mm
WEIGHT AND DIMENSIONS	
Dimensions	260 mm
Net weight in operation	600 g

mechanical lever system provides high cutting force, minimizing manual effort and ensuring a **clean cut** without deformation of the cable. The **KT3N** is not suitable for cutting **class 5 and 6 flexible cables, ACSR (aluminum cables with stainless steel core), armored cables or stainless steel**, for which specific tools are required. Its cutting geometry and blade profile are optimized for non-ferrous materials and cables with a solid and compact structure.

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MECHANICAL TOOLS

KT4N

MECHANICAL CABLE CUTTER, KT SERIES, FOR CU AND AL CABLES WITH MAXIMUM Ø 62 MM, NOT SUITABLE FOR CLASS 5 AND 6 CABLES, ACSR, ARMORED CABLES OR STEEL



The **KT4N** is a **professional mechanical tool** designed for **precise, clean and safe cutting** of **copper** and **aluminum** cables with a **maximum diameter of up to 62 mm**. It is part of the renowned **KT series**, designed to guarantee **high performance** and **reliability** in electrical, industrial and plant maintenance applications. Thanks to its **mechanical lever system** and **robust construction**, the **KT4N** allows significant cutting force to be applied with **minimal manual effort**, making it ideal for working on large cables. The **precision blades**, made from high-quality materials, allow for a **clean** cut without crushing,

ensuring **safety** and **efficiency** during use. This tool is **not suitable** for cutting **class 5 and 6 flexible cables**, **ACSR (aluminum cables with stainless steel core)**, **armored cables**, or **ferrous materials** such as **stainless steel**. It is specifically designed to work on cables with a compact structure and non-ferrous conductors. The **ergonomic design** and **excellent handling** make the **KT4N** an indispensable tool for professionals who need a reliable, durable solution suitable for **large-caliber cables**.

TECHNICAL INFORMATION	
Maximum cutting diameter	62 mm
WEIGHT AND DIMENSIONS	
Dimensions	297 mm
Net weight in operation	800 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

KT45

MECHANICAL CUTTING TOOL, FOR COPPER AND ALUMINUM CONDUCTORS Ø MAX 45 MM, NOT SUITABLE FOR ACSR, ARMORED CABLES OR STEEL



TECHNICAL INFORMATION	
Maximum cutting diameter	45 mm
WEIGHT AND DIMENSIONS	
Dimensions	250x110 mm
Net weight in operation	950 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

KTS1632

KTS1632 HAND TOOL FOR CUTTING AND CRIMPING FLEXIBLE HOSES WITH DIAMETERS RANGING FROM 16 TO 32 MM



TECHNICAL INFORMATION	
Maximum cutting diameter	32 mm
WEIGHT AND DIMENSIONS	
Dimensions	230x58x32 mm
Net weight in operation	320 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

KT6

CABLE CUTTER



TECHNICAL INFORMATION	
Maximum cutting diameter	100 mm
WEIGHT AND DIMENSIONS	
Dimensions	650x250x57 mm
Net weight in operation	4 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

KT7

CABLE CUTTER FOR COPPER AND ALUMINUM CABLES, MAXIMUM DIAMETER 27 MM



TECHNICAL INFORMATION	
Maximum cutting diameter	27 mm
WEIGHT AND DIMENSIONS	
Dimensions	500x170x50 mm
Net weight in operation	1.26 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



MECHANICAL TOOLS

KT8

CABLE CUTTER FOR COPPER AND ALUMINUM CABLES, WITH TELESCOPIC HANDLES, MAXIMUM DIAMETER 38 MM



TECHNICAL INFORMATION	
Maximum cutting diameter	38 mm
WEIGHT AND DIMENSIONS	
Dimensions	570 mm
Net weight in operation	2.3 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

5116660250

MECHANICAL CABLE CUTTER, KT SERIES, FOR COPPER AND ALUMINUM CABLES WITH MAXIMUM DIAMETER 18 MM



TECHNICAL INFORMATION	
Maximum cutting diameter	18 mm
WEIGHT AND DIMENSIONS	
Dimensions	600x140 mm
Net weight in operation	1.5 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

5116660500

MECHANICAL CABLE CUTTER, KT SERIES, FOR COPPER AND ALUMINUM CABLES WITH MAXIMUM DIAMETER 25,4 MM



TECHNICAL INFORMATION	
Maximum cutting diameter	25.4 mm
WEIGHT AND DIMENSIONS	
Dimensions	800x160 mm
Net weight in operation	3 kg

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

HB23

HB SERIES WIRE STRIPPER, FOR CIRCULAR CABLES WITH Ø FROM 4 TO 70 MM



TECHNICAL INFORMATION		WEIGHT AND DIMENSIONS	
Stripping diameter range	4÷70 mm	Net weight in operation	124 g
WEIGHT AND DIMENSIONS		LOGISTIC	
Blade length	3.5 mm	Minimum packaging quantity	1
Dimensions	167x38x32 mm	Standard packaging quantity	1
SUPPLIED WITH			
CB28-HB23 cable bracket; CB35-HB23 cable bracket			

MECHANICAL TOOLS

CB16-HB23

CABLE BRACKET, FOR HB23



WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	108x33x28 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

MECHANICAL TOOLS

CB50-HB23

CABLE BRACKET, FOR HB23



WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	141x56x15 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

MECHANICAL TOOLS

CB70-HB23

CABLE BRACKET, FOR HB23



WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	156x69x15 mm	Minimum packaging quantity	1
		Standard packaging quantity	1



MECHANICAL TOOLS

HB12N

MECHANICAL CABLE STRIPPER, SERIES HB,
FOR VULCANIZED EXTRUDED SEMICONDUCTOR

B12N cable stripping tool removes the semiconductor layer by being manually rotated around the cable while lateral advancement is achieved automatically. Safe and convenient, it can be used on cables

TECHNICAL INFORMATION	
Stripping diameter range	18÷60 mm
WEIGHT AND DIMENSIONS	
Dimensions	137x88x50 mm
Net weight in operation	470 g

MECHANICAL TOOLS

HB13UE

MECHANICAL CABLE STRIPPER, SERIES HB,
FOR OUTER SHEATH OF CABLES WITH DIAM.
FROM 12.7 TO 63.5 MM AND PRIMARY
INSULATION IN XLPE WITH MAX Ø 38.1 MM

Universal cable stripping tool for external sleeves of Low/Medium Voltage

TECHNICAL INFORMATION	
Stripping diameter range	12.7÷63.5 mm



with a semi-con diameter between 18 - 60 mm. The HB12N kit includes:

- HB12N cable stripping tool
- sturdy plastic case

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



cables Ø 12,7 to 63,5 mm and primary insulator in XLPE max Ø 38,1 mm

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

HB9

INSULATED CABLE KNIFE, CURVED BLADE WITH PROTECTIVE CAP



Insulated knife, with curved blade and protective cover. Suitable for insulation and screen removal, equipped with blade guide to avoid

damage to strands. Handle is made of a bi-component plastic material.

WEIGHT AND DIMENSIONS	
Dimensions	191x40x8 mm
Net weight in operation	150 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

MECHANICAL TOOLS

HB10

INSULATED CABLE KNIFE, WITH INTERCHANGEABLE STRAIGHT BLADE



nsulated knife has an interchangeable straight blade and plastic blade protector that folds into the handle. Ergonomic handle made of anti

shock plastic material.

WEIGHT AND DIMENSIONS	
Dimensions	180 mm
Net weight in operation	70 g

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



PROFESSIONAL TOOL KIT

KIT-CTSB1-1

BAG KIT



CTSB1 equipped with selection of tools.

WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	420x340x250 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
CTSB1 bag; SC5X scissors SC5X; SDC3X60-PD mains tester; SDC3X100-KV screwdriver 3x100; SDC3.5X100-KV screwdriver 3,5x100; SDC4X100-KV screwdriver 4x100; SDC5.5X125-KV screwdriver 5,5x125; SDC1PH-KV screwdriver ph1; SDC2PH-KV screwdriver ph2; SDC1PZ-KV screwdriver pz1; SDC2PZ-KV screwdriver pz2; UPC180-KV pliers 180 mm; FLS3 measuring tape 3m; KAK9 allen keys; HB18 retractable cutter; HKS6 pocket hacksaw; LVL150 level 150 mm; HMR300 hammer	

PROFESSIONAL TOOL KIT

KIT-CTBP1-1

ASSORTED PROFESSIONAL TOOL HOLDER,
SOFT LINE



CTBP1 equipped with selection of tools.

WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	420x340x250 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
CTBP1 backpack; SC5X scissors SC5X; SDC3X60-PD mains tester; SDC3X100-KV screwdriver 3x100; SDC3.5X100-KV screwdriver 3,5x100; SDC4X100-KV screwdriver 4x100; SDC5.5X125-KV screwdriver 5,5x125; SDC1PH-KV screwdriver ph1; SDC2PH-KV screwdriver ph2; UPC180-KV pliers 180 mm; HKS6 pocket hacksaw	

PROFESSIONAL TOOL KIT

KIT-VAL-GPTP-1

ASSORTED PROFESSIONAL TOOL HOLDER,
RIGID LINE



WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	453x332x190 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
VAL-GPTP ABS case; SC5X scissors; SDC3X60-PD mains tester; SDC3X100-KV screwdriver 3x100; SDC3.5X100-KV screwdriver 3,5x100; SDC4X100-KV screwdriver 4x100; SDC5.5X125-KV screwdriver 5,5x125; SDC1PH-KV screwdriver ph1; SDC2PH-KV screwdriver ph2; SDC1PZ-KV screwdriver pz1; SDC2PZ-KV screwdriver pz2; UPC180-KV pliers 180 mm; FLS3 measuring tape 3m; KAK9 allen keys; HB18 retractable cutter; HKS6 pocket hacksaw; LVL150 level 150 mm; HMR300 hammer	

PROFESSIONAL TOOL KIT

KIT-CTBB1-1

POUCH KIT



WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	230x150x50 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
CTBB1 pouch; SC5X scissors; SDC3X100-KV screwdriver 3x100; SDC3.5X100-KV screwdriver 3,5x100; SDC4X100-KV screwdriver 4x100; SDC1PH-KV screwdriver ph1; SDC2PH-KV screwdriver ph2	

PROFESSIONAL TOOL KIT

KIT-CTBB1-5

POUCH KIT



CTBB1 equipped with selection of tools

WEIGHT AND DIMENSIONS		LOGISTIC	
Dimensions	230x150x50 mm	Minimum packaging quantity	1
		Standard packaging quantity	1

SUPPLIED WITH	
CTBB1 pouch; SC6X scissors; SDC3X100-KV screwdriver 3x100; SDC3.5X100-KV screwdriver 3,5x100; SDC4X100-KV screwdriver 4x100; SDC1PH-KV screwdriver ph1; SDC2PH-KV screwdriver ph2	



BATTERIES

CB
BATTERIES



TECHNICAL INFORMATION	
Range of operating temperature	-20÷50 °C
Battery voltage	18 V
Battery type	Li Ion

CERTIFICATIONS	
Ingress Protection	IP20

TYPE	Power [W]	Energy [W h]	Dimensions	Minimum/standard packaging quantity[PCE]
CB1820L	450	36	110x79x45 mm	1/1
CB1852L	720	93.6	110x79x62 mm	1/1

BATTERIES

CB3680L
BATTERY



TECHNICAL INFORMATION	
Range of operating temperature	-20÷50 °C
Battery voltage	36 V
Battery type	Li Ion
Power	1440 W
Energy	288 W h

WEIGHT AND DIMENSIONS	
Dimensions	189x90x89 mm

CERTIFICATIONS	
Ingress Protection	IP20

LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY CHARGER

ASC55-EU

BATTERY CHARGER



ASC55-EU, charger (INPUT 220-240 V / 50-60 Hz; OUTPUT 12-42 V DC / 3.0 A max.)

TECHNICAL INFORMATION	
Supply voltage	220÷240 V
Battery voltage	12÷36 V
Battery type	Li Ion
Power	55 W
Power frequency	50÷60 Hz

WEIGHT AND DIMENSIONS	
Dimensions	151x121x76 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY CHARGER

ASC55-USA/CA

BATTERY CHARGER



TECHNICAL INFORMATION	
Supply voltage	110÷120 V
Battery voltage	12÷36 V
Battery type	Li Ion
Power	55 W
Power frequency	50÷60 Hz

WEIGHT AND DIMENSIONS	
Dimensions	151x121x76 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY CHARGER

ASC145-EU

BATTERY CHARGER



TECHNICAL INFORMATION	
Supply voltage	220÷240 V
Battery voltage	12÷36 V
Battery type	Li Ion
Power	145 W
Power frequency	50÷60 Hz

WEIGHT AND DIMENSIONS	
Dimensions	151x121x76 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



BATTERY CHARGER

ASC145-USA/CA

BATTERY CHARGER

TECHNICAL INFORMATION	
Supply voltage	110÷120 V
Battery voltage	12÷36 V
Battery type	Li Ion
Power	145 W
Power frequency	50÷60 Hz



WEIGHT AND DIMENSIONS	
Dimensions	151x121x76 mm
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY CHARGER

ASC145DUO-EU

DUAL CHARGER

TECHNICAL INFORMATION	
Supply voltage	220÷240 V
Battery voltage	12÷36 V
Battery type	Li Ion
Power	145 W



TECHNICAL INFORMATION	
Power frequency	50÷60 Hz
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

BATTERY CHARGER

ASC145DUO-USA/CA

DUAL CHARGER

TECHNICAL INFORMATION	
Supply voltage	110÷120 V
Battery voltage	12÷36 V
Battery type	Li Ion
Power	145 W



TECHNICAL INFORMATION	
Power frequency	50÷60 Hz
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

ACCESSORIES

EK100

EARTH CABLE



TECHNICAL INFORMATION	
Range of operating temperature	-50÷150 °C
WEIGHT AND DIMENSIONS	
Length	1000 mm
Dimensions	1000 mm
Net weight in operation	350 g

MATERIAL COMPOSITION AND TREATMENTS	
Material	Copper
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

ACCESSORIES

EK500P

EARTH CABLE FOR THE HEAD



TECHNICAL INFORMATION	
Range of operating temperature	-50÷150 °C
WEIGHT AND DIMENSIONS	
Length	5000 mm
Dimensions	5000 mm
Net weight in operation	1.4 kg

MATERIAL COMPOSITION AND TREATMENTS	
Material	Copper
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



ACCESSORIES

TF300-I38FM-KV

INSULATED FLEXIBLE HOSE



TECHNICAL INFORMATION	
Insulated tube	✓
Range of operating temperature	-40÷100 °C
WEIGHT AND DIMENSIONS	
Inner diameter	9.1 mm
Outer diameter	4 mm
Length	3000 mm
Dimensions	3000 mm

WEIGHT AND DIMENSIONS	
Net weight in operation	1.3 kg
MATERIAL COMPOSITION AND TREATMENTS	
Material	Polyamide
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

ACCESSORIES

TF500-I38FM-KV

INSULATED FLEXIBLE HOSE



TECHNICAL INFORMATION	
Insulated tube	✓
Range of operating temperature	-40÷100 °C
WEIGHT AND DIMENSIONS	
Inner diameter	6.3 mm
Outer diameter	13.4 mm
Length	5000 mm
Dimensions	5000 mm

WEIGHT AND DIMENSIONS	
Net weight in operation	1.4 kg
MATERIAL COMPOSITION AND TREATMENTS	
Material	Polyamide
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

ACCESSORIES

TF600-I38FM-KV

INSULATED FLEXIBLE HOSE



TECHNICAL INFORMATION	
Insulated tube	✓
Range of operating temperature	-40÷100 °C
WEIGHT AND DIMENSIONS	
Inner diameter	6.3 mm
Outer diameter	13.4 mm
Length	6000 mm

WEIGHT AND DIMENSIONS	
Dimensions	6000 mm
MATERIAL COMPOSITION AND TREATMENTS	
Material	Polyamide
LOGISTIC	
Minimum packaging quantity	0
Standard packaging quantity	0

ACCESSORIES

TF1000-I38FM-KVE

INSULATED FLEXIBLE HOSE



TECHNICAL INFORMATION	
Insulated tube	✓
Range of operating temperature	-40÷100 °C
WEIGHT AND DIMENSIONS	
Inner diameter	4 mm
Outer diameter	9.1 mm
Length	10000 mm
Dimensions	10000 mm

WEIGHT AND DIMENSIONS	
Net weight in operation	2.9 kg
MATERIAL COMPOSITION AND TREATMENTS	
Material	Polyurethane
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1



ACCESSORIES

TF1000-I38FM-KV

INSULATED FLEXIBLE HOSE



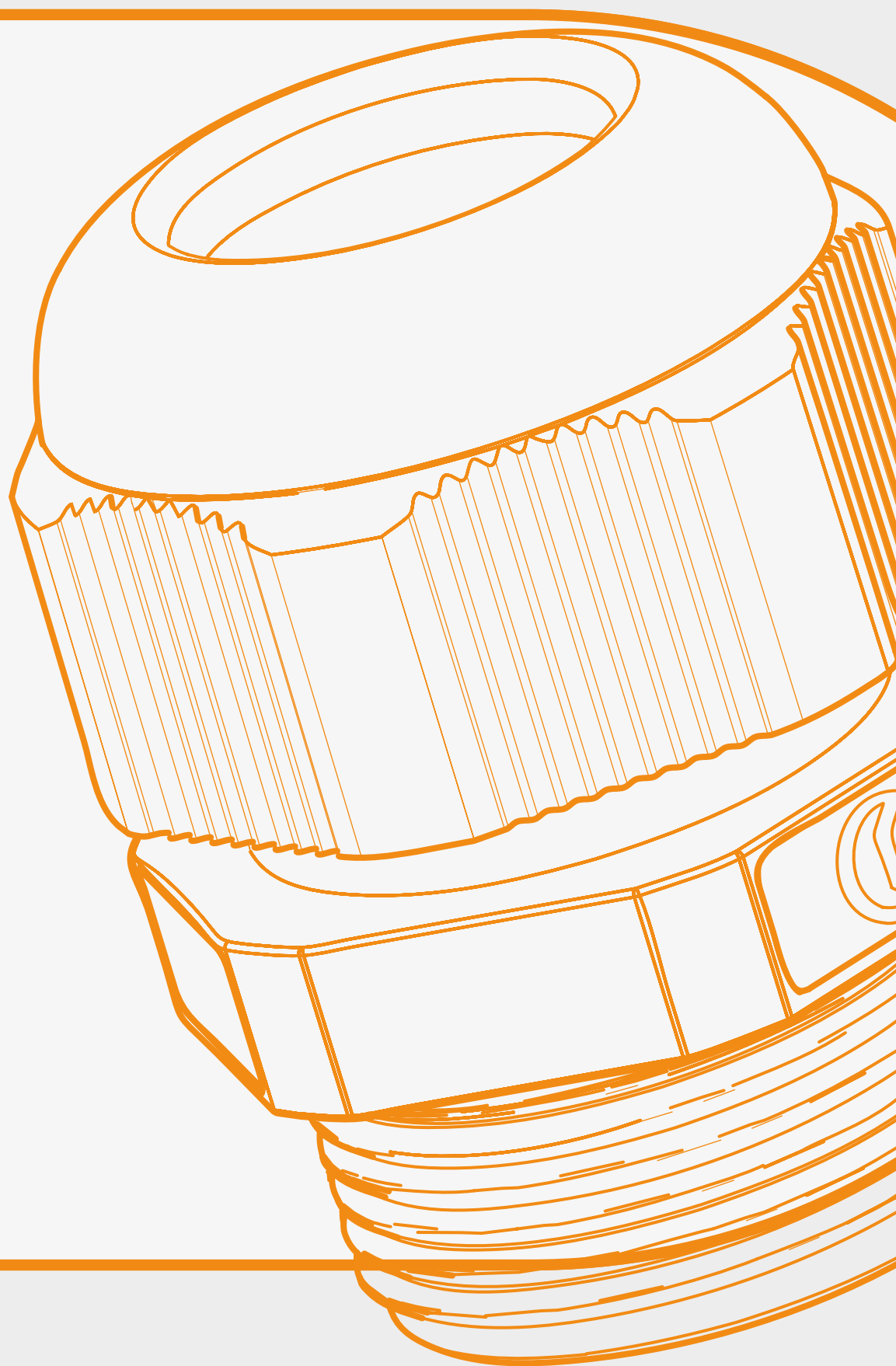
TECHNICAL INFORMATION	
Insulated tube	✓
Range of operating temperature	-40÷100 °C
WEIGHT AND DIMENSIONS	
Inner diameter	4 mm
Outer diameter	9.1 mm
Length	10000 mm
Dimensions	10000 mm

WEIGHT AND DIMENSIONS	
Net weight in operation	2.4 kg
MATERIAL COMPOSITION AND TREATMENTS	
Material	Polyurethane
LOGISTIC	
Minimum packaging quantity	1
Standard packaging quantity	1

SEALING SYSTEMS

Explore the complete CEMBRE range
in our website







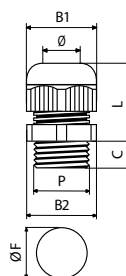
CABLE GLANDS

PLASTIC	194
BRASS.....	198

IP68 CABLE GLANDS

1900 M

MAXIBLOCK CABLE GLAND, IN POLYAMIDE PA6.6,
METRIC PITCH, IP68



TECHNICAL INFORMATION	
Range of operating temperature (dynamic)	-20÷90 °C
Range of operating temperature (static)	-40÷100 °C
MATERIAL COMPOSITION AND TREATMENTS	
Body material	Polyamide PA6.6
Inner seal material	Neoprene
Entry bush material	Polyamide PA6.6

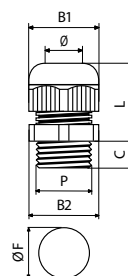
CERTIFICATIONS	
EN 45545-2 certification	R22:HL1;R23:HL2
Self-extinguishing fire class according to UL 94	V2
UL standard	514B
Compliance according to CEI EN 62444	✓
Ingress Protection	IP66;IP68
EN ISO 4892-2	✓
Metric threads according to CEI EN 60423	✓

TYPE	Ø [mm]	Color	External seal	P	ØF [mm]	Width [mm]	L [mm]	C [mm]	B2 [mm]	B1 [mm]	Outer seal material	EN 62262 impact rating [IK]	NEMA type	Minimum/standard packaging quantity [PCE]
1900.M12	3.5÷7	grey		M12x1.5	12.2	16.5	18÷22	8	15	15		1	1;12;4X;6P	100/100
1900.M12N	3.5÷7	black		M12x1.5	12.2	16.5	18÷22	8	15	15		1	1;12;4X;6P	100/100
1900.M12G	3.5÷7	dark grey		M12x1.5	12.2	16.5	18÷22	8	15	15		1	1;12;4X;6P	100/100
1900.M16	5÷10	grey		M16x1.5	16.2	21.4	22÷27	8	19	19		1	1;12;4X;6P	100/100
1900.M16N	5÷10	black		M16x1.5	16.2	21.4	22÷27	8	19	19		1	1;12;4X;6P	100/100
1900.M16G	5÷10	dark grey		M16x1.5	16.2	21.4	22÷27	8	19	19		1	1;12;4X;6P	100/100
1900.M20	7÷13	grey		M20x1.5	20.5	28	24÷30	9	25	25		3	1;12;4X;6P	100/100
1900.M20N	7÷13	black		M20x1.5	20.5	28	24÷30	9	25	25		3	1;12;4X;6P	100/100
1900.M20G	7÷13	dark grey		M20x1.5	20.5	28	24÷30	9	25	25		3	1;12;4X;6P	100/100
1900.M25	10÷17	grey		M25x1.5	25.4	33	28÷39	10	30	30		3	1;12;4X;6P	50/50
1900.M25N	10÷17	black		M25x1.5	25.4	33	28÷39	10	30	30		3	1;12;4X;6P	50/50
1900.M25G	10÷17	dark grey		M25x1.5	25.4	33	28÷39	10	30	30		3	1;12;4X;6P	50/50
1900.M32	13÷21	grey	✓	M32x1.5	32.5	39.5	33÷44	10	36	36	Neoprene	3	1;12	25/25
1900.M32N	13÷21	black	✓	M32x1.5	32.5	39.5	33÷44	10	36	36	Neoprene	3	1;12	25/25
1900.M32G	13÷21	dark grey	✓	M32x1.5	32.5	39.5	33÷44	10	36	36	Neoprene	3	1;12	25/25
1900.M40	19÷28	grey	✓	M40x1.5	40.5	51	36÷45	10	46	46	Neoprene	3	1;12	15/15
1900.M40N	19÷28	black	✓	M40x1.5	40.5	51	36÷45	10	46	46	Neoprene	3	1;12	15/15
1900.M40G	19÷28	dark grey	✓	M40x1.5	40.5	51	36÷45	10	46	46	Neoprene	3	1;12	15/15
1900.M50	27÷35	grey	✓	M50x1.5	50.5	61	43÷52	12	55	55	Neoprene	3	1;12	10/10
1900.M50N	27÷35	black	✓	M50x1.5	50.5	61	43÷52	12	55	55	Neoprene	3	1;12	10/10
1900.M50G	27÷35	dark grey	✓	M50x1.5	50.5	61	43÷52	12	55	55	Neoprene	3	1;12	10/10
1900.M63	34÷45	grey	✓	M63x1.5	64	72	45÷55	12	66	66	Neoprene	3	1;12	5/5
1900.M63N	34÷45	black	✓	M63x1.5	64	72	45÷55	12	66	66	Neoprene	3	1;12	5/5
1900.M63G	34÷45	dark grey	✓	M63x1.5	64	72	45÷55	12	66	66	Neoprene	3	1;12	5/5

IP68 CABLE GLANDS

1900 PG

MAXIBLOCK CABLE GLAND, IN POLYAMIDE PA6.6,
PG PITCH, IP68



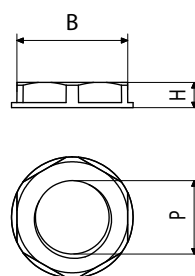
TECHNICAL INFORMATION	
Range of operating temperature (dynamic)	-20÷90 °C
Range of operating temperature (static)	-40÷100 °C
MATERIAL COMPOSITION AND TREATMENTS	
Body material	Polyamide PA6.6
Inner seal material	Neoprene
Entry bush material	Polyamide PA6.6
CERTIFICATIONS	
EN 45545-2 certification	R22:HL1;R23:HL2
Self-extinguishing fire class according to UL 94	V2
UL standard	514B
Compliance according to CEI EN 62444	✓
Ingress Protection	IP66;IP68
EN ISO 4892-2	✓
DIN 40430	✓

TYPE	Ø [mm]	Color	External seal	P	ØF [mm]	Width [mm]	L [mm]	C [mm]	B2 [mm]	B1 [mm]	Outer seal material	NEMA type	Minimum/standard packaging quantity [PCE]
1900.07	3.5÷7	grey		Pg7	12.7	16.5	18÷22	8	15	15		1;12;4X;6P	100/100
1900.07N	3.5÷7	black		Pg7	12.7	16.5	18÷22	8	15	15		1;12;4X;6P	100/100
1900.07G	3.5÷7	dark grey		Pg7	12.7	16.5	18÷22	8	15	15		1;12;4X;6P	100/100
1900.09	5÷8	grey		Pg9	15.5	21	22÷26	8	19	19		1;12;4X;6P	100/100
1900.09N	5÷8	black		Pg9	15.5	21	22÷26	8	19	19		1;12;4X;6P	100/100
1900.09G	5÷8	dark grey		Pg9	15.5	21	22÷26	8	19	19		1;12;4X;6P	100/100
1900.11	5÷10	grey		Pg11	18.8	24.7	23÷28	8	22	22		1;12;4X;6P	100/100
1900.11N	5÷10	black		Pg11	18.8	24.7	23÷28	8	22	22		1;12;4X;6P	100/100
1900.11G	5÷10	dark grey		Pg11	18.8	24.7	23÷28	8	22	22		1;12;4X;6P	100/100
1900.13	7÷12	grey		Pg13.5	20.5	27	24÷29	9	24	24		1;12;4X;6P	100/100
1900.13N	7÷12	black		Pg13.5	20.5	27	24÷29	9	24	24		1;12;4X;6P	100/100
1900.13G	7÷12	dark grey		Pg13.5	20.5	27	24÷29	9	24	24		1;12;4X;6P	100/100
1900.16	10÷14	grey		Pg16	22.6	30	26÷31	10	27	27		1;12;4X;6P	50/50
1900.16N	10÷14	black		Pg16	22.6	29.5	26÷31	10	27	27		1;12;4X;6P	50/50
1900.16G	10÷14	dark grey		Pg16	22.6	29.5	26÷31	10	27	27		1;12;4X;6P	50/50
1900.21	13÷18	grey	✓	Pg21	28.5	36.5	30÷35	12	33	33	Neoprene	1;12;4X;6P	50/50
1900.21N	13÷18	black	✓	Pg21	28.5	36.5	30÷35	12	33	33	Neoprene	1;12;4X;6P	50/50
1900.21G	13÷18	dark grey	✓	Pg21	28.5	36.5	30÷35	12	33	33	Neoprene	1;12;4X;6P	50/50
1900.29	18÷25	grey	✓	Pg29	37.2	46	33÷39	12	42	42	Neoprene	1;12	25/25
1900.29N	18÷25	black	✓	Pg29	37.2	46	33÷39	12	42	42	Neoprene	1;12	25/25
1900.29G	18÷25	dark grey	✓	Pg29	37.2	46	33÷39	12	42	42	Neoprene	1;12	25/25
1900.36	20÷32	grey	✓	Pg36	47.2	58.5	42÷49	14	53	53	Neoprene	1;12	10/10
1900.36N	20÷32	black	✓	Pg36	47.2	58.5	42÷49	14	53	53	Neoprene	1;12	10/10
1900.36G	20÷32	dark grey	✓	Pg36	47.2	58.5	42÷49	14	53	53	Neoprene	1;12	10/10
1900.42	28÷38	grey	✓	Pg42	54.2	67	42÷50	14	60	60	Neoprene	1;12	5/5
1900.42N	28÷38	black	✓	Pg42	54.2	67	42÷50	14	60	60	Neoprene	1;12	5/5
1900.42G	28÷38	dark grey	✓	Pg42	54.2	67	42÷50	14	60	60	Neoprene	1;12	5/5
1900.48	34÷45	grey	✓	Pg48	60	72	45÷55	15	66	66	Neoprene	1;12	5/5
1900.48N	34÷45	black	✓	Pg48	60	72	45÷55	15	66	66	Neoprene	1;12	5/5
1900.48G	34÷45	dark grey	✓	Pg48	60	72	45÷55	15	66	66	Neoprene	1;12	5/5

COUNTER NUTS

1142

COUNTER-NUT WITH COLLAR, IN PA6.6 POLYAMIDE, PG PITCH



TECHNICAL INFORMATION

Range of operating temperature (dynamic)	-20÷90 °C
Range of operating temperature (static)	-40÷100 °C

CERTIFICATIONS

Self-extinguishing fire class according to UL 94	V2
DIN 40430	✓

MATERIAL COMPOSITION AND TREATMENTS

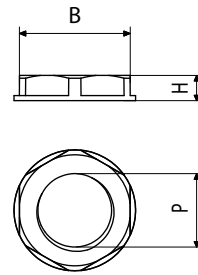
Material	Polyamide PA6.6
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TYPE	Color	P	H [mm]	Width [mm]	B [mm]	Minimum/standard packaging quantity [PCE]
1142007	grey	Pg7	5	21	19	100/100
1142007N	black	Pg7	5	21	19	100/100
1142007G	grey	Pg7	5	21	19	100/100
1142009	grey	Pg9	5	24	22	100/700
1142009N	black	Pg9	5	24	22	100/700
1142009G	grey	Pg9	5	24	22	100/700
1142011	grey	Pg11	5	26	24	100/500
1142011N	black	Pg11	5	26	24	100/500
1142011G	grey	Pg11	5	26	24	100/500
1142013	grey	Pg13.5	6	29	27	100/400
1142013N	black	Pg13.5	6	29	27	100/400
1142013G	grey	Pg13.5	6	29	27	100/400
1142016	grey	Pg16	6	33	30	100/100
1142016N	black	Pg16	6	33	30	100/300
1142016G	grey	Pg16	6	33	30	100/300
1142021	grey	Pg21	7	39	36	50/100
1142021N	black	Pg21	7	39	36	50/100
1142021G	grey	Pg21	7	39	36	50/100
1142029	grey	Pg29	7	50	46	50/50
1142029N	black	Pg29	7	50	46	50/50
1142029G	grey	Pg29	7	50	46	50/50
1142036	grey	Pg36	8	66	60	30/30
1142036N	black	Pg36	8	66	60	30/30
1142036G	grey	Pg36	8	66	60	30/30
1142042	grey	Pg42	8	73	65	25/25
1142042N	black	Pg42	8	73	65	25/25
1142042G	grey	Pg42	8	73	65	25/25
1142048	grey	Pg48	8	78	70	20/20
1142048N	black	Pg48	8	78	70	20/20
1142048G	grey	Pg48	8	78	70	20/20

COUNTER NUTS

1143

COUNTER-NUT WITH COLLAR, IN PA6.6 POLYAMIDE,
METRIC PITCH



TECHNICAL INFORMATION	
Range of operating temperature (dynamic)	-20÷90 °C
Range of operating temperature (static)	-40÷100 °C
MATERIAL COMPOSITION AND TREATMENTS	
Material	Polyamide PA6.6

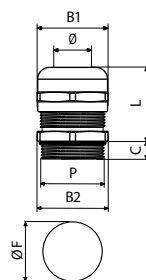
CERTIFICATIONS	
Self-extinguishing fire class according to UL 94	V2
Metric threads according to CEI EN 60423	✓

TYPE	Color	P	H [mm]	Width [mm]	B [mm]	Minimum/standard packaging quantity [PCE]
1143M12	grey	M12x1.5	5	18.5	17	100/1000
1143M12N	black	M12x1.5	5	18.5	17	100/1000
1143M12G	grey	M12x1.5	5	18.5	17	100/1000
1143M16	grey	M16x1.5	5	24	22	100/600
1143M16N	black	M16x1.5	5	24	22	100/600
1143M16G	grey	M16x1.5	5	24	22	100/600
1143M20	grey	M20x1.5	6	29	27	100/400
1143M20N	black	M20x1.5	6	29	27	100/400
1143M20G	grey	M20x1.5	6	29	27	100/400
1143M25	grey	M25x1.5	6	35.5	32	100/200
1143M25N	black	M25x1.5	6	35.5	32	100/200
1143M25G	grey	M25x1.5	6	35.5	32	100/200
1143M32	grey	M32x1.5	7	45	41	50/100
1143M32N	black	M32x1.5	7	45	41	50/100
1143M32G	grey	M32x1.5	7	45	41	50/100
1143M40	grey	M40x1.5	7	55	50	30/30
1143M40N	black	M40x1.5	7	55	50	30/30
1143M40G	grey	M40x1.5	7	55	50	30/30
1143M50	grey	M50x1.5	8	65	60	30/30
1143M50N	black	M50x1.5	8	65	60	30/30
1143M50G	grey	M50x1.5	8	65	60	30/30
1143M63	grey	M63x1.5	8	82	75	15/15
1143M63N	black	M63x1.5	8	82	75	15/15
1143M63G	grey	M63x1.5	8	82	75	15/15

IP68 CABLE GLANDS

2900 M

MAXIBRASS CABLE GLAND, IN NICKEL-PLATED BRASS, METRIC PITCH, IP68



TECHNICAL INFORMATION	
Range of operating temperature (dynamic)	-25÷100 °C
Range of operating temperature (static)	-40÷100 °C
Color	nickel plated brass grey
External seal	✓

MATERIAL COMPOSITION AND TREATMENTS	
Body material	brass
Cage material	Polyamide PA6.6
Outer seal material	Nitrile 70 sh A
Inner seal material	Neoprene

MATERIAL COMPOSITION AND TREATMENTS	
Entry bush material	brass
Surface treatment	nickel plating

CERTIFICATIONS	
EN 45545-2 certification	R22:HL1;R23:HL2
NEMA type	1;12;4X;6P
Compliance according to CEI EN 62444	✓
Ingress Protection	IP66;IP68
Metric threads according to CEI EN 60423	✓

TYPE	Ø [mm]	P	ØF [mm]	Width [mm]	L [mm]	C [mm]	B2 [mm]	B1 [mm]	EN 62282 impact rating [IK]	UL standard	EN ISO 4892-2	Minimum/standard packaging quantity [PCE]
2900.M12N	3÷7	M12x1.5	12.2	18	16÷20	6.5	16	16	5	514B	✓	100/100
2900.M16N	4.5÷10	M16x1.5	16.2	22.5	20÷25	7	20	20	6	514B	✓	100/100
2900.M20N	7÷13	M20x1.5	20.5	27	20÷27	8	24	24	6	514B	✓	50/50
2900.M25N	10÷17	M25x1.5	25.4	32	24÷30	8	29	29	6	514B	✓	50/50
2900.M32N	11÷21	M32x1.5	32.5	39	27÷34	9	36	36	6	514B	✓	25/25
2900.M40N	19÷28	M40x1.5	40.5	50	34÷42	9	45	45	6	514B	✓	10/10
2900.M50N	26÷35	M50x1.5	50.5	59.5	35÷43	10	54	54	6	514B	✓	8/8
2900.M63N	34÷45	M63x1.5	64	73.5	40÷52	15	67	67	6	514B	✓	5/5
2900.M75N	56÷63	M75x1.5	76	88	35÷43	18	80	80	6			1/3

IP68 CABLE GLANDS

2900 PG

MAXIBRASS CABLE GLAND, IN NICKEL-PLATED BRASS, PG PITCH, IP68



TECHNICAL INFORMATION				
Range of operating temperature (dynamic)			-25÷100 °C	
Range of operating temperature (static)			-40÷100 °C	
Color			nickel plated brass grey	
External seal			✓	
MATERIAL COMPOSITION AND TREATMENTS				
Body material			brass	
Cage material			Polyamide PA6.6	
Outer seal material			Nitrile 70 sh A	
Inner seal material			Neoprene	
Entry bush material			brass	

MATERIAL COMPOSITION AND TREATMENTS									
Surface treatment					nickel plating				
CERTIFICATIONS									
EN 45545-2 certification					R22:HL1;R23:HL2				
UL standard					514B				
NEMA type					1;12;4X;6P				
Compliance according to CEI EN 62444					✓				
Ingress Protection					IP66;IP68				
EN ISO 4892-2					✓				
DIN 40430					✓				

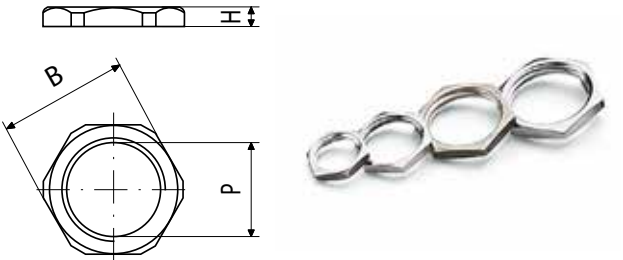
TYPE	Ø [mm]	P	ØF [mm]	Width [mm]	L [mm]	C [mm]	B2 [mm]	B1 [mm]	Minimum/standard packaging quantity [PCE]
2900.07N	3÷7	Pg7	12.7	18	16÷20	5	16	16	100/100
2900.09N	4÷8	Pg9	15.5	19	17÷23	6	17	17	100/100
2900.11N	4.5÷10	Pg11	18.8	22.5	20÷25	6	20	20	100/100
2900.13N	5÷12	Pg13.5	20.5	24.5	20÷26	6.5	22	22	50/50
2900.16N	7÷13	Pg16	22.6	27	20÷27	6.5	24	24	50/50
2900.21N	10÷17	Pg21	28.5	33.3	24÷30	7	30	30	50/50
2900.29N	17÷25	Pg29	37.2	43.5	30÷37	8	40	40	25/25
2900.36N	20÷32	Pg36	47.2	54	38÷48	8	50	50	10/10
2900.42N	28÷38	Pg42	54.2	61	39÷48	10	57	57	5/5
2900.48N	34÷45	Pg48	60	73.5	40÷52	15	67	67	5/5



COUNTER NUTS

2032

COUNTER-NUT, IN NICKEL-PLATED BRASS, PG PITCH



TECHNICAL INFORMATION	
Range of operating temperature (dynamic)	-40÷100 °C
Color	silver
MATERIAL COMPOSITION AND TREATMENTS	
Material	brass

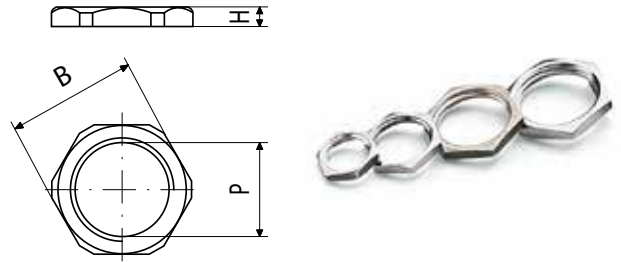
MATERIAL COMPOSITION AND TREATMENTS	
Surface treatment	nickel plating
CERTIFICATIONS	
DIN 40430	✓

TYPE	P	H [mm]	Width [mm]	B [mm]	Minimum/standard packaging quantity [PCE]
2032007N	Pg7	2.8	18	16	100/1500
2032009N	Pg9	2.8	20	18	100/1500
2032011N	Pg11	3	23.5	21	100/1000
2032013N	Pg13.5	3	25.5	23	100/600
2032016N	Pg16	3	29	26	100/600
2032021N	Pg21	3.5	35.5	32	100/500
2032029N	Pg29	4	45	41	50/200
2032036N	Pg36	5	56	51	10/100
2032042N	Pg42	5	65	60	10/50
2032048N	Pg48	5.5	69	64	10/50

COUNTER NUTS

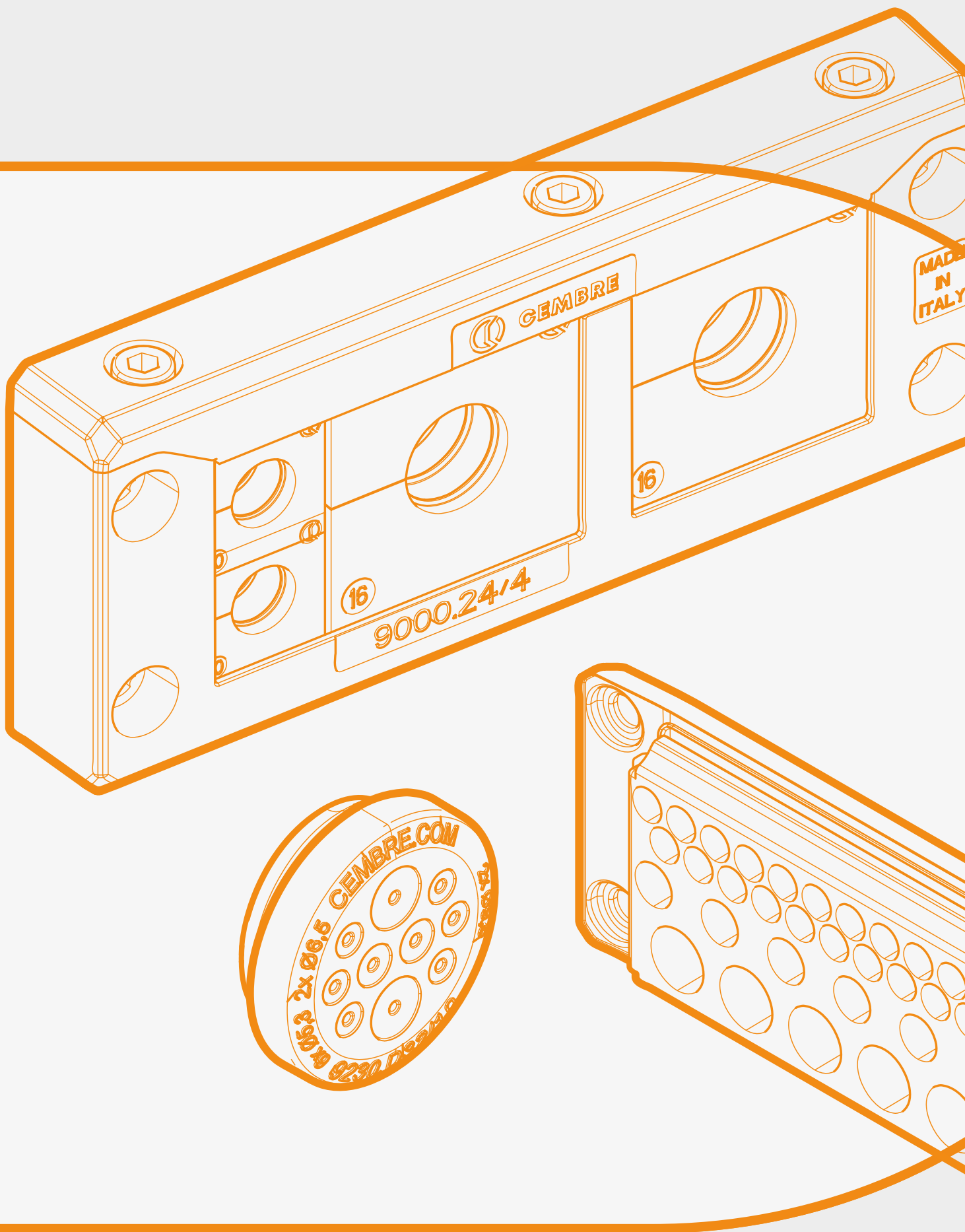
2033

COUNTER-NUT, IN NICKEL-PLATED BRASS, METRIC PITCH



TECHNICAL INFORMATION	
Range of operating temperature (dynamic)	-40÷100 °C
Color	silver
MATERIAL COMPOSITION AND TREATMENTS	
Material	brass
MATERIAL COMPOSITION AND TREATMENTS	
Surface treatment	nickel plating
CERTIFICATIONS	
Metric threads according to CEI EN 60423	✓

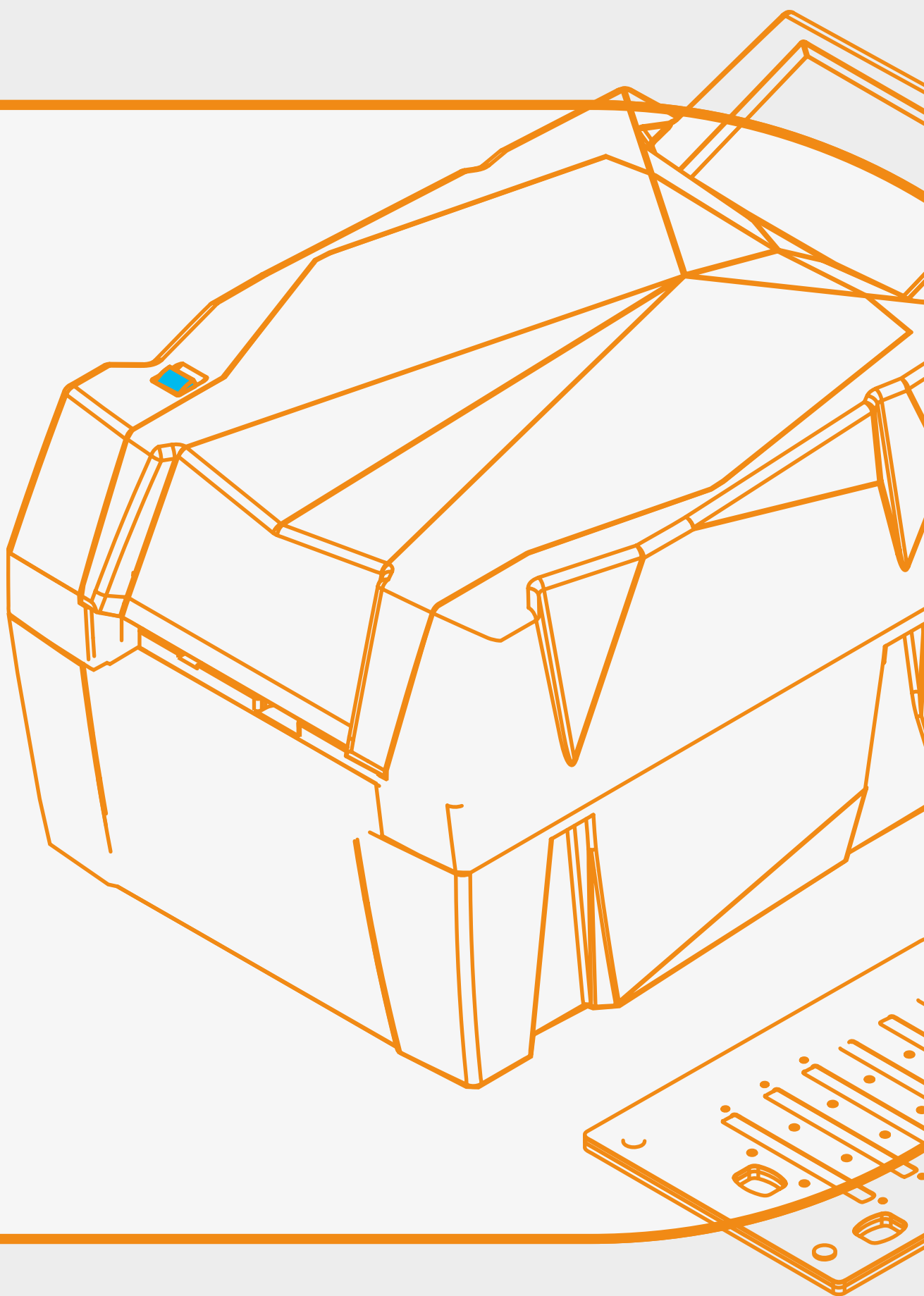
TYPE	P	H [mm]	Width [mm]	B [mm]	Minimum/standard packaging quantity [PCE]
2033M12N	M12x1.5	2.8	18	16	100/2000
2033M16N	M16x1.5	2.8	20.9	19	100/1000
2033M20N	M20x1.5	3	26.4	24	100/600
2033M25N	M25x1.5	4	33	30	50/300
2033M32N	M32x1.5	4	39.6	36	25/250
2033M40N	M40x1.5	5	50	45	10/100
2033M50N	M50x1.5	5	66	60	10/80
2033M63N	M63x1.5	5.5	77	70	5/50
2033M75N	M75x1.5	7	88.5	80	1/25



CABLE ENTRY SYSTEMS

Explore the complete CEMBRE range
in our website







MARKING

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PRINTERS

MG4

THERMAL TRANSFER PRINTER ON SHEET, WITH DISPLAY, WI-FI, USABLE WITH BATTERY



The **MARKINGENIUS®MG4** thermal transfer printer is the latest-generation solution for industrial marking of wires, cables, tubes, connectors, terminals, buttons, indicators, and the exterior surfaces of control panels, panels, and machinery. MG4 guarantees exceptional durability and print quality for text, logos, electrical symbols, vector images, and QR codes. The large touch screen on the machine simplifies the management of every printing project, reducing both time and labor costs. Thanks to the special 'Ribbon

Save System' feature, MG4 uses only the ribbon necessary for printing, reducing costs and waste with every use. Each monochrome ribbon has a capacity of over 300,000 labels (4x10 mm). MG4 can be used with either AC power or rechargeable batteries, ensuring maximum practicality and ease of use in any work environment (office, production area, construction site, indoor and outdoor applications).

TECHNICAL INFORMATION	
Printing technology	Thermal transfer
Power frequency	50÷60 Hz
Power	90 W
Supply voltage	100÷240 V
Print resolution	300 x 600 DPI
Wi-Fi connection	✓
Connection via access point	✓

TECHNICAL INFORMATION	
USB connection	2.0 (USB)
Lan connection	✓
Printing surface	140 x 110 mm
WEIGHT AND DIMENSIONS	
Width	236 mm
Length	409 mm
Height	240 mm

SUPPLIED WITH	TYPE				Quantity
	MG4 ☐	MG4E ☐	MG4A	MG4CN ☐	
Software GENIUSPRO-5L (5 licences) on USB pendrive	FD-GENIUSPRO	FD-GENIUSPRO	FD-GENIUSPRO	FD-GENIUSPRO	1
Black ribbon - 200 m	MG-EPTR 991613	MG-EPTR 991613	MG-EPTR 991613	MG-EPTR 991613	1
Cardboard tape holder	MG2-CRB 991654	MG2-CRB 991654	MG2-CRB 991654	MG2-CRB 991654	1
Plate for FLAT seires products	MG2-PLT 991002	MG2-PLT 991002	MG2-PLT 991002	MG2-PLT 991002	1
Plate for MG-TPM tags	MG2-PWC 991000	-	-	-	1
Plate for MG-TDM tags (6 stems)	-	MG2-PTD 991007	-	-	1
Plate for MG-TDM & MG-TDMO tags	-	-	MG2-PTM 991010	MG2-PTM 991010	1
Plate for feminal blocks tags	MG2-QTB 991011	MG2-QTB 991011	MG2-QTB 991011	MG2-QTB 991011	1
Plug	☐ Type F	☐ Type G	☐ Type A	☐ Type A	1
USB cable	✓	✓	✓	✓	1
Ex ternal power supply	✓	✓	✓	✓	1

ACCESSORIES ON REQUEST	TYPE				Quantity
	MG4 ☐	MG4E ☐	MG4A	MG4CN ☐	
Rechargeable battery 18V-2.0 Ah Li-Ion - Print up to 350 sheets	CB1820L	CB1820L	CB1820L	-	1
Rechargeable battery 18V-5.0 Ah Li-Ion - Print up to 700 sheets*	-	-	-	MET-18.0V5.0AH*	1
Rechargeable battery 18V-5.2 Ah Li-Ion - Print up to 700 sheets	CB1852L	CB1852L	CB1852L	-	1
Rechargeable battery 18V-8.0 Ah Li-Ion - Print up to 1000 sheets	CB1880L	CB1880L	CB1880L	-	1
Battery charger 220-240 V / 50-60 Hz with type C plug	☐ ASC55-EU	-	-	-	1
Battery charger 220-240 V / 50-60 Hz with type G plug	-	☐ ASC55-UK	-	-	1
Battery charger 115 V / 60 Hz with type A plug	-	-	☐ ASC55-USA/CA	-	1
Battery charger 220-240 V / 50-60 Hz with type A plug*	-	-	-	☐ CDQ-MET-ASC30*	1
Canvas bag	CVB-039	CVB-039	CVB-039	CVB-039	1
Rigid trolley	VAL-MG-N	VAL-MG-N	VAL-MG-N	VAL-MG-N	1
Rigid trolley for plane travels	VAL-MG-HD	VAL-MG-HD	VAL-MG-HD	VAL-MG-HD	1
Cleaning kit (plate+cloths+spray)	991670	991670	991670	991670	1
Cleaning kit (plate+cloths)	991672	991672	991672	991672	1
Cloths	992150	992150	992150	992150	1

* only for chinese market

PLATES

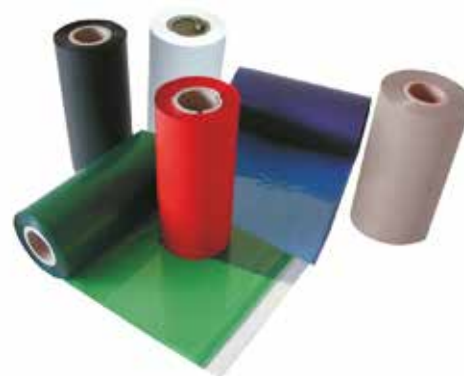
PLATES AND MOUNTS FOR THERMAL TRANSFER PRINTERS ON SHEET

TEMPLATE	TYPE	Quantity	PLATE HOLDER	TYPE	Quantity	PRINTABLE SHEETS
MG2-PWC	991000	1	MG2-TWC	991502	3	MG-TPM
MG2-PLT	991002	1	MG2-TLT	991522	3	FLAT series laminated material
MG2-QTB	991011	1	MG2-TQT	991564	3	MG-CPM-01, MG-CPM-02, MG-CPM-03, MG-CPM-04, MG-CPM-07, MG-CPM-11, MG-SPM-03
MG2-PTD	991007	1	MG2-TTD	991563	3	MG-TDM (6 stems)
MG2-PTM	991010	1	MG2-TTM	991561	3	MG-TDMO, MG-TDM (4 stems)
MG2-MTB	991008	1	MG2-TMT	991513	3	MG-CPM-01
MG2-WTB	991004	1	MG2-TWT	991542	3	MG-CPM-05, MG-CPM-12, MG-SPM-09
MG2-STB	991005	1	MG2-TST	991552	3	MG-CPM-06
MG-PXB	991560	1				MG-CPM-08
MG2-LTB	991013	1				MG-CPM-09
MG2-CTB	991006N	1	MG2-TCT	991562N	3	MG-CPM-10
MG2-ETB	991016	1				MG-CPM-13
MG2-PSB	991554	1				MG-CPM-15 42908
MG2-NSB	991556	1				MG-CPM-15 42909
MG2-PSP	991018	1	MG2-TSP	991514	3	MG-SPM-02, MG-TAP-R, MG-TAP-R-MD
MG2-BSP	991558	1				MG-SPM-07
MG2-WSP	991559	1				MG-SPM-11

RIBBONS

RIBBONS

RIBBONS FOR THERMAL TRANSFER PRINTERS ON SHEET



Print ribbons are a very important component for achieving the final result. The MG2-ETR monochrome ribbons are supplied in rolls of 200 linear meters, with a width of 120 mm. They guarantee high resistance to abrasion, rubbing, and exposure to chemicals (hexane, ethyl alcohol, etc.) and atmospheric agents (UV rays, humidity, etc.). The high-quality MG-EPTR PREMIUM monochrome ribbon is supplied in rolls of 200 linear meters, with a width of 120 mm.

Print legibility is guaranteed in accordance with the following standards:

- UNI EN ISO 4892-2: UV resistance
- CEI 16-7: Resistance to abrasion and rubbing
- CEI 16-7: Aging
- CEI 23-11 / CEI EN 61058-1: Fade resistance
- CEI EN 61010-1 / VDE 0411-1: Fade resistance
- CEMBRE internal test: Fade resistance
- UNI EN ISO 9227: Salt spray
- CEI EN 60464-2: Resistance to solvent vapors
- UNI EN ISO 175: Resistance to liquid chemicals

	Width [mm]	Length [m]	Quantity	TYPE					
				black	blue	red	green	silver	white
MG2-ETR	120	200	1	991600	991601	991602	991603	991607	991606
MG-EPTR-PREMIUM	120	200	1	991613					



SOFTWARE

GENIUSPRO

SOFTWARE FOR CREATING SIGNALING PROJECTS



GENIUSPRO is the advanced software developed by CEMBRE to quickly and efficiently program and manage marking projects. Thanks to its integration with innovative and powerful programming languages, it enables the color printing of text, symbols, and vector images.

Its interface is simple and intuitive, making it easy to use even with basic computer skills. Entering print data is quick and straightforward. The dynamic preview function, which displays the medium in actual size, allows you to accurately view the final result before printing, ensuring complete control and greater efficiency.

- Software Features
- Printing of cable markers, terminals, contactors, connectors, pushbuttons, components, panel labels, and adhesive labels.
 - Fast and intuitive data entry.
 - Graphic editor for panel labels and templates.
 - Generation of alphanumeric sequences (e.g., from A01 to Z99).
 - Conversion of Matrix, ACS, and Simplo files.
 - Guided import from Excel®, CSV, TXT, and major electrical CAD software such as EPLAN, IGE-XAO, SPAC, ZUKEN E3, and many others.
 - Import of vector images, BMP, JPEG, PNG, and GIF files.
 - Use of installed Windows® fonts.
 - Support for text in non-Latin alphabets.
 - Continuous free updates available.
 - Online help.

TECHNICAL INFORMATION	
System requirements	Intel Core™i3 4th generation processor; 4 Gb RAM; 2 Gb HD; Graphics card and monitor 1280x1024; Operating system Windows 7, 8, 10, 11

TYPE	PACKAGE
GENIUSPRO-1L	GENIUSPRO SOFTWARE - 1 LICENCE
GENIUSPRO-5L	GENIUSPRO SOFTWARE - 5 LICENCES

APP

GENIUSPRO MOBILE

APP SPECIFIC FOR MG4

Projects can be set up and created on a PC using the GENIUSPRO software for production order management or, if necessary, via the Geniuspro Mobile app developed by CEMBRE for iOS and Android devices (smartphones and tablets) to make last-minute changes on-site, at the electrical panel, or at the machine.

- The new Geniuspro Mobile app brings the ease of use and versatility of the desktop program directly to your smartphone.
- Create and print MARKING projects for cable markers, terminals, contactors, connectors, pushbuttons, components, and adhesive labels directly from your mobile device
- Quickly enter data using text, counters, forms, images, symbols, and barcodes (QR Code, Data Matrix, Code 128/39, EAN 8/13)
- Import and edit designs created with GENIUSPRO
- Open and print Designer projects created with GENIUSPRO
- Connect directly to the printer via Wi-Fi Direct

Software Features

- Printing of cable labels, terminal blocks, contactors, connectors, pushbuttons, components, panel labels, and adhesive labels.
- Fast and intuitive data entry.
- Graphic editor for panel labels and templates.
- Generation of alphanumeric sequences (e.g., from A01 to Z99).
- Conversion of Matrix, ACS, and Simplo files.
- Guided import from Excel®, CSV, TXT, and major electrical CAD software such as EPLAN, IGE-XAO, SPAC, ZUKEN E3, and many others.
- Import of vector images, BMP, JPEG, PNG, and GIF files.
- Use of installed Windows® fonts.
- Support for text in non-Latin alphabets.
- Continuous free updates available.
- Online help.



PRINTERS

ROLLY3000

THERMAL TRANSFER PRINTER, ON ROLL,
PLUG&PLAY



ROLLY3000 is a professional thermal printer designed to guarantee maximum reliability, quiet operation, and ease of use even in high-production industrial environments. Thanks to its robust metal construction, it is perfect for installation in production departments and demanding work environments.

Equipped with USB and Ethernet interfaces and Wi-Fi connectivity via a mini USB stick (2.4 GHz 802.11b/g/n) included, ROLLY3000 ensures flexible connectivity for every need.

Compatible with GENIUSPRO marking software, the printer comes complete with:

- Power and connection cable
- Printing software with universal driver
- USB-WLAN stick
- Black printing ribbon included

Designed to optimize printing on heat-shrinkable material, it is ideal for industrial labels on ladder roll material and continuous rolls.

TECHNICAL INFORMATION	
Printing technology	Thermal transfer
Power frequency	50÷60 Hz
Supply voltage	115÷230 V
Print resolution	300 DPI
Wi-Fi connection	✓
USB connection	2.0 (USB)

TECHNICAL INFORMATION	
Lan connection	✓
Printing surface	105 x 2000 mm
WEIGHT AND DIMENSIONS	
Width	252 mm
Length	460 mm
Height	288 mm

SUPPLIED WITH	TYPE			Quantity
	ROLLY3000 	ROLLY3000E 	ROLLY3000A	
Software GENIUSPRO-5L (5 licences) on USB pendrive	FD-GENIUSPRO	FD-GENIUSPRO	FD-GENIUSPRO	1
Black ribbon - 200 m	842213	842213	842213	1
USB WLAN pendrive	ROLLY-WUS2.4	ROLLY-WUS2.4	ROLLY-WUS2.4	1
Plug	 TYPE C	 TYPE G	 TYPE A	1
USB cable	✓	✓	✓	1
Cover	✓	✓	✓	1



CUTTER

ROLLY3000-CUT

CUTTER



Module for automatically cutting TTL labels and TTF adhesive films (excluding the rigid version of the latter)

CUTTER

ROLLY3000TR-CUT

CUTTER

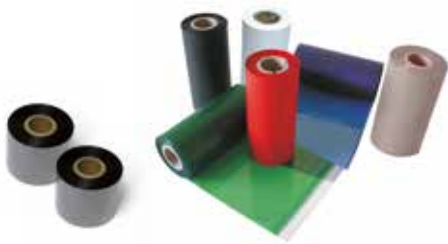


Module for automatically cutting continuous heat-shrink tubing on a roll.

RIBBONS

RIBBONS

RIBBONS FOR THERMAL TRANSFER PRINTERS ON ROLL



Printing ribbons are a very important component in achieving the final result. The MG2-ETR monochrome ribbons are supplied in rolls of 200 linear meters, with a width of 120 mm. They guarantee high resistance to abrasion, rubbing, and exposure to chemicals (hexane, ethyl alcohol, etc.) and atmospheric agents (UV rays, humidity, etc.). The high-quality MG-EPTR PREMIUM monochrome ribbon is supplied in rolls of 200 linear meters, with a width of 120 mm.

Print legibility is guaranteed in accordance with the following standards:

- UNI EN ISO 4892-2: UV resistance
- CEI 16-7: Resistance to abrasion and rubbing
- CEI 16-7: Aging
- CEI 23-11 / CEI EN 61058-1: Fade resistance
- CEI EN 61010-1 / VDE 0411-1: Fade resistance
- CEMBRE internal test: Fade resistance
- UNI EN ISO 9227: Salt spray
- CEI EN 60464-2: Resistance to solvent vapors
- UNI EN ISO 175: Resistance to liquid chemicals

	Width [mm]	Lenght [m]	Quantity	TYPE					
				black	blue	red	green	silver	white
TPS-060	112	200	1	842112	842113	842115	842114	842116	
	60	200	1	842162					
	30	200	1	842132					
TPPS-060 PREMIUM	112	200	1	842213					
	110	300	1						842222
TRR-055	60	350	1	842121					
TRPR-060	60	350	1	844122					

ALUMINUM PLATES

GMC-AL

ALUMINIUM PLATES FOR LABEL HOLDERS,
WITH ROUNDED CORNERS



CEMBRE TTL and TTF labels stuck to Aluminium mounting plates are easily fixed to poles, columns, pylons and structures via the slot or holes provided.

TECHNICAL INFORMATION		TECHNICAL INFORMATION	
Color	grey	Material	Aluminum
Thickness	0.5 mm		

TYPE	Width [mm]	Length [mm]	Packaging quantity minimum/standard [PCE]
GMC2678S	115	200	10/300
GMC2751S	225	120	10/10
GMC2732S	70	140	50/50
GMC2907S	430	120	10/10
GMC3101S	80	200	10/10



SINGLE CABLES



MG-TPMF



MG-TPM



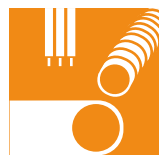
MG-TDM



MG-TDMO



MG-KMP



TUBES AND SLEEVES MULTI-CORE



MG-TPMF



MG-TPM



MG-TAPW



MG-TAP



MG-ETF



TERMINAL BLOCKS



MG-CPM



MG-CPMF



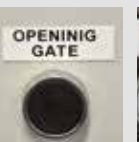
MG-VYB



BUTTONS INDICATORS



MG-PTS



MG-TAA



MG-TAP



MG-TAP



MG-VYT



MG-SIGNS



COMPONENTS FOR EQUIPMENT



MG-TPMF



MG-SPM



MG-TAR



MG-TAA



MG-DOG

...



CONNECTORS



MG-TAA



MG-VYT



MG-VCT



MODULAR COMPONENTS



MG-TAP



MG-TAPW



MG-17.5-R



MG-17.5-A



EXTERIOR ELECTRICAL PANEL



MG-TAP



MG-VRT-R



MG-TAPW



MG-VYT



MG-PYT

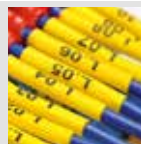
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SINGLE CABLES



TPM-ROLL



TERMO-ROLL



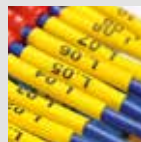
KM-ROLL



TUBES AND SLEEVES MULTI-CORE



ETF-ROLL



TERMO-ROLL



TAP-ROLL



MODULAR COMPONENTS



STRIP-ROLL



TAP-ROLL



EXTERIOR ELECTRICAL PANEL



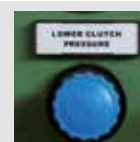
TTF



TTL



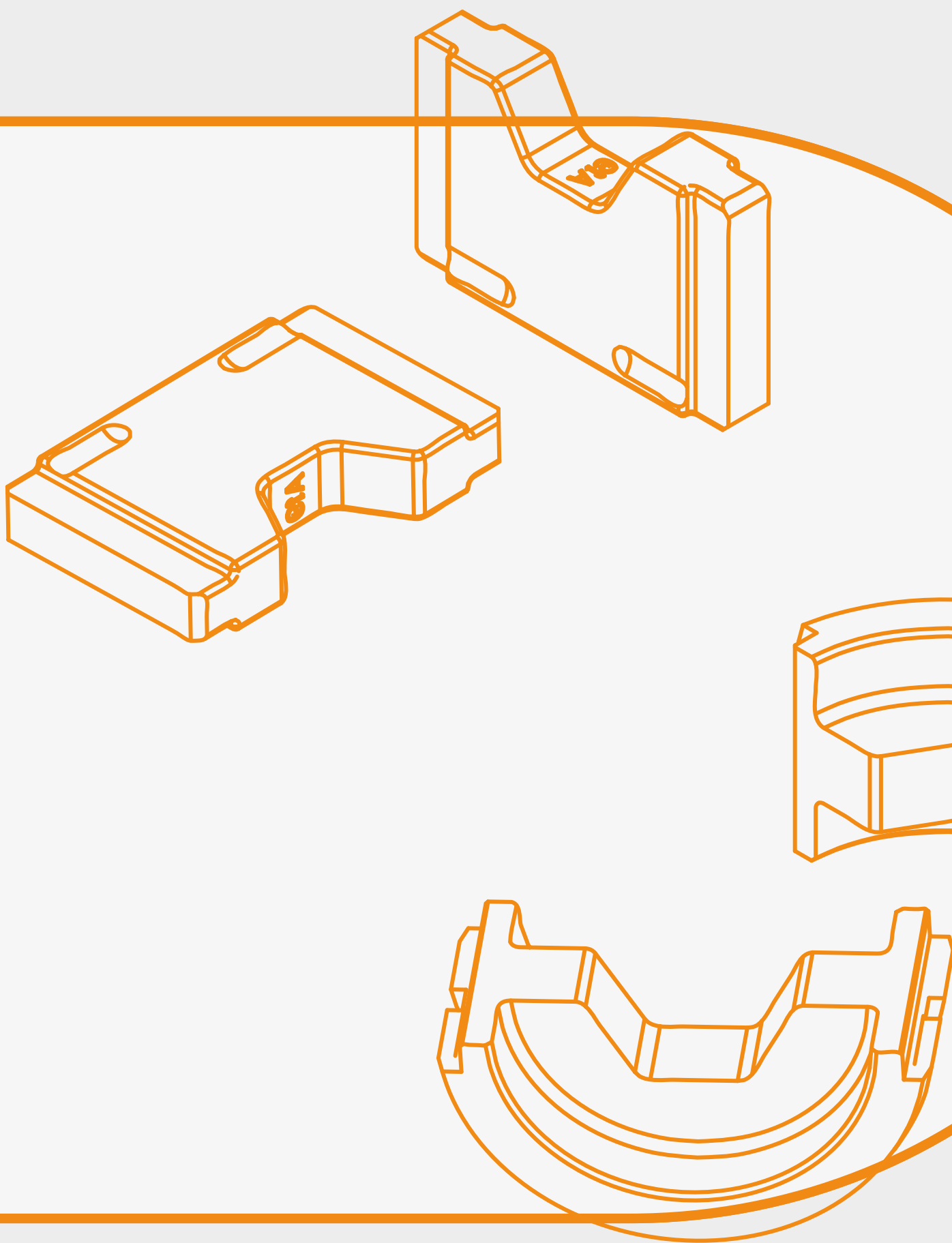
TAP-ROLL



TAP-ROLL

Explore the complete CEMBRE range in the marking systems catalogue







APPENDIX

DIE SELECTOR CHART	216
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DIE SELECTOR CHART

	APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS						
						B15MD	HT45-E B450ND-BV		HT51 B500		RH50 B500ND	
						DIE SET	NEST	INDEN- TOR	DIE SET	NEST	INDEN- TOR	DIE SET
		Conductor Size sqmm		TERMINAL	SPLICE							
		Low Str.	Flex									
COPPER CONDUCTORS	        	0,25 ÷ 2,5		A 03-M.. A 06-M..	L 03-M / L 03-P L 06-M / L 06-P	ME03/2-15  MA03/3-15 						
		4 ÷ 6		A 1-M.. A 1-L..	L 1-M L 1-P	ME03/2-15  MA03/3-15 	MA1 	PA1	ME1 	MA1-50 	PA1-50	ME1-50 
		10		A2-M.. ■A2-L.. A2-P12 A2-U..	L 2-M L 2-P	ME03/2-15  ME2/3-15  MA03/3-15 	MA2.3 	PA5	ME2 	MA2.3-50 	PA5-50	ME2-50 
		16		A3-M.. ■A3-L.. A3-P14 A3-P22R.. A3-U..	L 3-M L 3-P	ME2/3-15  MA03/3-15 			ME3 			ME3-50 
		25		A5-M.. ■A5-L.. A5-P16 A5-P22R..	L 5-M L 5-P		MA5 		ME5 	MA5-50 		ME5-50 
		35	25* 35	A 7-M.. ■A 7-L.. A 7-P20	L 7-M L 7-P		MA7 	PA10	ME7 	MA7-50 	PA10-50	ME7-50 
		50	35* 50	A 10-M.. ■A 10-L.. A 10-P25	L 10-M L 10-P		MA10 		ME10 	MA10-50 		ME10-50 
		70	50* 70	A 14-M.. A 14-L.. A 14-P30	L 14-M L 14-P				ME14 	MA14-50 	PA19-50	ME14-50 
									ME17 			ME17-50 
		95	70* 95	A 19-M.. A 19-L..	L 19-M L 19-P				ME19 	MA19-50 		ME19-50 
		120	95* 120	A 24-M.. A 24-L..	L 24-M L 24-P				ME24 	MA24-50 	PA24-50	ME24-50 
		150	120* 150	A 30-M.. A 30-L..	L 30-M L 30-P				ME30 			ME30-50 
		185	150* 185	A 37-M.. A 37-L.. A 37-4ESI	L 37-M L 37-P							ME37-50 
		240	185* 240	A 48-M.. A 48-L.. A 48-4ESI	L 48-M L 48-P							ME48-50 
		300	240 300	A 60-M.. A 60-L.. A 60-4ESI	L 60-M L 60-P							ME60-50** 
		400	300 400	A 80-M.. A 80-4ESI	L 80-M							
		500	400 500	A 100-M.. A 100-4ESI	L 100-M							
		630	500 630	A 120-M.. A 120-4ESI	L 120-M							
		800	630	A 160-M.. A 160-4ESI	L 160-M							
		1000	800	A 200-M..	L 200-M							
EXTRA FLEXIBLE COPPER CONDUCTORS			35	A 9-M..			MA9 	PA10	ME9 	MA9-50 	PA10-50	ME9-50 
			50	A 12-M..					ME12 	MA12-50 		ME12-50 
			70	A 17-M..					ME17 	MA17-50 	PA 19-50	ME17-50 
			95	A 20-M..					ME20 	MA20-50 		ME20-50 
			120	A 29-M..					ME29 			ME29-50 
			150	A 35-M..								ME35-50 
			185	A 40-M..								ME40-50 

 = Hexagonal crimp (use one size up with fine stranded conductors, E.G.: 95i fine stranded use A19-.. + ME 19 or A 20-.. + ME 20)

  = Indent crimp * Contact Cembre for appropriate die set ■ Connection NOT possible with -C series matrices

	HYDRAULIC TOOLS												
	HT60C RH60C B600C B600CND TN60C	HT81-UD RHU81-D ⚡			HT 120 and tools and heads with 130 kN crimping force			ECW-H3D			RHU 520		
	DIE SET	NEST	INDEN- TOR	DIE SET	NEST	INDEN- TOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET
	ME1-60C 	MA1-50 	PA1-50	ME1-50 									
	ME2-60C 	MA2.3-50 	PA5-50	ME2-50 	MA2-C 	PA10-C	ME2-C 	Adaptor AU230-130-D with die set MA...-C and indentor PA...-C	Adaptor AU230-130-D with die set ME...-C	Adaptor AU520-130-C with die set MA...-C and indentor PA...-C	Adaptor AU 520-130 C with die set ME...-C		
	ME3-60C 			ME3-50 	MA3-C 		ME3-C 						
	ME5-60C 			MA5-50 	ME5-50 		MA5-C 						
	ME7-60C 	MA7-50 	PA10-50	ME7-50 	MA7-C 	PA24-C	ME7-C 						
	ME10-60C 	MA10-50 		ME10-50 	MA10-C 		ME10-C 						
	ME14-60C 	MA14-50 	PA19-50	ME14-50 	MA14-C 	PA48-C	ME14-C 						
	ME17-60C 			ME17-50 	MA19-C 		ME17-C 						
	ME19-60C 	MA19-50 	PA24-50	ME19-50 	MA19-C 	PA60-C	ME19-C 						
	ME24-60C 	MA24-50 		ME24-50 	MA24-C 		ME24-C 						
	ME30-60C 			ME30-50 	MA30-C 	PA48-C	ME30-C 						
	ME37-60C 			ME37-50 	MA37-C 		ME37-C 						
	ME48-60C 			ME48-50 	MA48-C 		ME48-C 						
	ME60-60C 				MA60-C 		ME60-C 						
							ME80-C 	MA80-3D 	PA100-3D	ME80-3D 			ME80-520 
								MA100-3D 		ME100-3D 			ME100-520 
								MA120-3D 	PA120-3D	ME120-3D 			ME120-520 
													ME160-520 
													ME200-520 
	ME9-60C 	MA9-50 	PA10-50	ME9-50 	MA9-C 	PA10-C	ME9-C 	Adaptor AU 230-130 D with die set MA...-C and indentor PA...-C	Adaptor AU 230-130 D with die set ME...-C	Adaptor AU520-130-C with die set MA...-C and indentor PA...-C	Adaptor AU 520-130 C with die set ME...-C		
	ME12-60C 	MA12-50 	PA 19-50	ME12-50 	MA12-C 	PA24-C	ME12-C 						
	ME17-60C 	MA17-50 		ME17-50 	MA17-C 		ME17-C 						
	ME20-60C 	MA20-50 		ME20-50 	MA20-C 		ME20-C 						
	ME29-60C 			ME29-50 	MA29-C 	PA48-C	ME29-C 						
	ME35-60C 			ME35-50 	MA35-C 		ME35-C 						
	ME40-60C 			ME40-50 	MA40-C 		ME40-C 						

N.B.: Number inside symbol indicates the number of crimps on A-M barrel

** Only for B500, B500ND and RH50.

◊ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a Type 6522051 spring

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR	HYDRAULIC TOOLS									
			B15MD	HT45-E B450ND-BV		HT51 RH50 B500 B500ND						
COPPER CONDUCTORS  2A-M..  2A-2M..	Conductor Size sqmm		TERMINAL		DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	
	Low Str.	Flex										
	16		2A3-M..		ME2/3-15  MA03/3-15 	MA2.3 	PA 5	ME3  MA2.3-50 		PA 5-50	ME3-50 	
	25		2A5-M..			MA5 			ME5  MA5-50 			ME5-50 
	35	25 35	2A7-M..			MA7 	PA 10	ME7  MA7-50 		PA 10-50	ME7-50 	
	50	35 50	2A10-M..	2A10-2M..		MA10 			ME10  MA10-50 			ME10-50 
	70	50 70	2A14-M..	2A14-2M..				ME14  MA14-50 		PA 19-50	ME14-50 	
	95	70 95	2A19-M..	2A19-2M..				ME19  MA19-50 			ME19-50 	
	120	95 120	2A24-M..	2A24-2M..				ME24  MA24-50 		PA 24-50	ME24-50 	
	150	120 150	2A30-M..	2A30-2M..				ME30 			ME30-50 	
	185	150 185	2A37-M..	2A37-2M..							ME37-50 	
	240	185 240	2A48-M..	2A48-2M..							ME48-50 	
	300	240 300	2A60-M..	2A60-2M..							ME60-50* 	
	400	300 400	2A80-M..	2A80-2M..								
	500	400 500	2A100-M..	2A100-2M..								
	630	500 630	2A120-M..	2A120-2M..								
	800	630	2A160-M..	2A160-2M..								
1000	800	2A200-M..	2A200-2M..									

 = Hexagonal crimp (use one size up with fine stranded conductors, E.G.: 95i fine stranded use 2A19-.. + ME 19 or 2A 20-.. + ME 20)

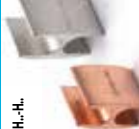
 = Indent crimp

HYDRAULIC TOOLS												
HT60C RH60C B600C B600CND TN60C	HT81-UD RHU81-D ♦			HT 120 and tools and heads with 130 kN crimping force				ECW-H3D			RHU 520	
DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET
ME3-60C 	MA2.3-50 	PA 5-50	ME3-50 	MA3-C 	PA 10-C	ME3-C 	Adaptor AU230-130-D with die set MA...-C and indentor PA...-C			Adaptor AU230-130-D with die set ME...-C		
ME5-60C 	MA5-50 		ME5-50 	MA5-C 		ME5-C 						
ME7-60C 	MA7-50 	PA 10-50	ME7-50 	MA7-C 		ME7-C 						
ME10-60C 	MA10-50 		ME10-50 	MA10-C 		ME10-C 						
ME14-60C 	MA14-50 	PA 19-50	ME14-50 	MA14-C 	PA 24-C	ME14-C 						
ME19-60C 	MA19-50 		ME19-50 	MA19-C 		ME19-C 						
ME24-60C 	MA24-50 	PA 24-50	ME24-50 	MA24-C 		ME24-C 						
ME30-60C 			ME30-50 	MA30-C 	PA 48-C	ME30-C 						
ME37-60C 			ME37-50 	MA37-C 		ME37-C 						
ME48-60C 			ME48-50 	MA48-C 		ME48-C 						
ME60-60C 				MA60-C 	PA 60-C	ME60-C 						
						ME80-C 	MA80-3D 	PA100-3D	ME80-3D 			ME80-520 
							MA100-3D 		ME100-3D 			ME100-520 
							MA120-3D 	PA120-3D	ME120-3D 			ME120-520 
												ME160-520 
												ME200-520 

N.B.: Number inside symbol indicates the number of crimps on 2A-M and 2A-2M barrel

* Only for B500, B500ND and RH50. ♦ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a Type 6522051 spring

DIE SELECTOR CHART

APPLICATION	CONDUCTOR		CONNECTOR			HYDRAULIC TOOLS						ECW-H3D	RHU520
	Conductor Size sqmm		CONNECTOR	CONNECTOR	HT45-E B450ND-BV	HT51 RH50 B500E B500ND	HT60C RH60C B600C B600CND	HT81-UD RHU81-D Ø	HT 120 and tools and heads with 130 kN crimping force				
	Run	Tap	CONNECTOR	CONNECTOR	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET				
 C.C.-CST  C.C.-C	6 ÷ 2,5	6 ÷ 1,5	C6-C6ST	C6-C6	MC6 ①	MC6-50 ①		MC6-50 ①					
	10	10 ÷ 1,5	C10-C10ST	C10-C10	MC10 ①	MC10-50 ①		MC10-50 ①	MC10-C ①				
	16	16 ÷ 1,5	C16-C16ST	C16-C16									
	25 ÷ 16	10 ÷ 1,5	C25-C10ST	C25-C10	MC25 ②	MC25-50 ②		MC25-50 ②	MC25-C ①		Adaptor AU230-130-D with die set MC.-C		
	25	25 ÷ 16	C25-C25ST	C25-C25									
	40 ÷ 35	16 ÷ 1,5	C35-C16ST	C35-C16									
	40 ÷ 35	40 ÷ 25			MC35 ②	MC35-50 ②		MC35-50 ②	MC35-C ①				
	50	25 ÷ 10	C35-C35ST	C35-C35									
	70 ÷ 63	25 ÷ 1,5	C70-C25NST	C70-C25N									
	50	25 ÷ 4	C50-C25ST	C50-C25									
	*50	50 ÷ 35	C50-C50ST	C50-C50									
	*70 ÷ 50	40 ÷ 4	C70-C35ST	C70-C35		*MC70-50 ③		*MC70-50 ③	MC70-C ③		MC70-3D ①	Adaptor AU520-130-C with die set MC.-C	
	*70 ÷ 50	70 ÷ 35	C70-C70ST	C70-C70									
	100 ÷ 95	40 ÷ 4	C95-C35ST	C95-C35							MC95-3D ①		
	100 ÷ 95	70 ÷ 40	C95-C70ST	C95-C70									
	100 ÷ 95	100 ÷ 63	C95-C95ST	C95-C95									
	125 ÷ 110	125 ÷ 25	C120-C120ST	C120-C120									
	160 ÷ 150	125 ÷ 25	C150-C120ST	C150-C120									
	125	125											
	150	150 ÷ 63											
125	125	C150-C150ST	C150-C150										
185	100 ÷ 16	C185-C95ST	C185-C95										
185 ÷ 120	185 ÷ 120	C185-C185ST	C185-C185										
240 ÷ 150	120 ÷ 95	C240-C120ST	C240-C120										
 H.-H.	Conductor Size sqmm		CONNECTOR	CONNECTOR									
	Run	Tap											
	70	70	H70-H70	H70-H70ST									
	95	95	H95-H95	H95-H95ST									
	120	120	H120-H120	H120-H120ST									
	Cond. Size sqmm		CONNECTOR	CONNECTOR									
	2 x 50		DK50-M12										
	2 x 70		DK70-M12	DK70-2M12-51AS									
	2 x 95		DK95-M12	DK95-2M12-51AS									
	2 x 120		DK120-M12	DK120-2M12-51AS									
 DK.-M.	Cond. Size sqmm		CONNECTOR	CONNECTOR									
	70		DR70-2M12-51AS										
	95		DR95-2M12-51AS										
	120		DR120-2M12-51AS										
 DR.-2M12-51AS	Cond. Size sqmm		CONNECTOR	CONNECTOR									
	70		DR70-2M12-51AS										
	95		DR95-2M12-51AS										
	120		DR120-2M12-51AS										

 = Hexagonal crimp
  = oval crimp
  = circular crimp
 * When using die set type MC70-50, the conductors marked with a star must be annealed.
 ◇ The type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a type 652051 spring

DIE SELECTOR CHART FOR DEEP STEPPED INDENTING WITH CONTAINING DIES

APPLICATION	CONDUCTOR	CONNECTOR						HYDRAULIC TOOLS						
		TERMINAL		TERMINAL		TERMINAL		HT45-E B450ND-BV	HT51 B500	RH50 B500ND	HT81-UD RHU81-D Ø	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU520
		Cond. Size sqmm	MT25-TD	MT25-GC	CA25-M..	CA25-2M..	MT25-C..		DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET
 MT..-TD MT..-GC CA..-M.. CA..-2M.. MT..-C.	25 R	MT25-TD	MT25-GC	CA25-M..	CA25-2M..	MT25-C..		MMT25-50	MMT25-U	MMT25-C	○			
	35 RC/S ÷ 40 S	MT40S-TD	MT40S-GC	CA40S-M..	CA40S-2M..	MT40S-C..								
	50 RC	MT50R-TD	MT50R-GC	CA50R-M..	CA50R-2M..	MT50R-C..		MMT50-50	MMT50-U	MMT50-C	○			
	50 S	MT50S-TD	MT50S-GC	CA50S-M..	CA50S-2M..	MT50S-C..								
	63 S ÷ 70 S	MT70S-TD	MT70S-GC	CA70S-M..	CA70S-2M..	MT70S-C..								
	80 S ÷ 95 RC	MT95R-TD	MT95R-GC	CA95R-M..	CA95R-2M..	MT95R-C..		MMT95-50	MMT95-U	MMT95-C	○			
	95 S ÷ 100 S	MT95S-TD	MT95S-GC	CA95S-M..	CA95S-2M..	MT95S-C..								
	120 RC/S ÷ 150 RC	MT150R-TD	MT150R-GC	CA150R-M..	CA150R-2M..	MT150R-C..								
	150 S ÷ 160 RC	MT150S-TD	MT150S-GC	CA150S-M..	CA150S-2M..	MT150S-C..								
	160 S ÷ 200 RC	MT200R-TD	MT200R-GC	CA200R-M..	CA200R-2M..	MT200R-C..		MMT200-50	MMT200-U	MMT200-C	○			
	185 BR/BS	MT185-TD	MT185-GC	CA185-M..	CA185-2M..	MT185-C..								
	200 S ÷ 240 RC	MT240R-TD	MT240R-GC	CA240R-M..	CA240R-2M..	MT240R-C..								
 MT..-C.	240 S ÷ 315 RC	MT315R-TD	MT315R-GC	CA315R-M..	CA315R-2M..	MT315R-C..					○			
	315 S	MT315S-TD	MT315S-GC	CA315S-M..	CA315S-2M..	MT315S-C..								
	400 R	MT400-TD		2A80-M..	2A80-2M..						ME80-C	ME80-3D	ME80-520	
	500 R	MT500-TD			2A100-M..	2A100-2M..						ME100-3D	ME100-520	
	600 R ÷ 630 R	MT630-TD			2A120-M..	2A120-2M..						ME120-3D	ME120-520	

APPLICATION	CONDUCTOR	CONNECTOR				HYDRAULIC TOOLS				
		LUGS		LUGS		HT 131-UC	RHU 131-C	B1350-UC	B1300-UC	B1300-UC
		Conductor Size sqmm	CAA10-M..	CAA16-M..	CAA25-M..	DIE HOLDER	DIE	DIE	DIE	INDENTOR
 CA..-M.. MT..-C AA..-M..	10	CAA10-M..								
	16	CAA16-M..	MTA16-C							
	25	CAA25-M..	MTA25-C							
	35	CAA35-M..	MTA35-C							
	50	CAA50-M..	MTA50-C							
	70	CAA70-M..	MTA70-C							
	95	CAA95-M..	MTA95-C							
	120	CAA120-M..	MTA120-C							
	150	CAA150-M..	MTA150-C							
	185	CAA185-M..	MTA185-C							
	240	CAA240-M..	MTA240-C							
	300	CAA300-34M..								
	16	AA16-M..								
	25	AA25-M..								
	35	AA35-M..								
	50	AA50-M..								
	70	AA70-M..								
	95	AA95-M..								
	120	AA120-M..								
	150	AA150-M..								
	185	AA185-M..								
	240	AA240-M..								
	300	AA300-34M..								

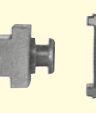
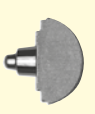
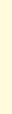
◊ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a type 65220S1 spring

⊖ = Deep indent crimp ⊖ = Hexagonal crimp ⊖ = circular crimp

DIE SELECTOR CHART FOR DEEP STEPPED INDENTING WITH CONTAINING DIES

ALUMINIUM CONDUCTORS	Conductor Size sqmm	SPICE		Conductor Size sqmm Al Al/Cu		SPICES	HYDRAULIC TOOLS		DIE		INDENTOR	
							DIE HOLDER		HT 131-UC	RHU 131-C	B1350-UC	B1300-UC
 MTMA-..GC	10	MTMA10-GC							MVM35			
	16	MTMA16-GC	MTMA16/1	16	10	MTMA16-10GC				MUA35		PS130-35/E
	25	MTMA25-GC	MTMA25/1	25	10	MTMA25-10GC						
				25	16	MTMA25-16GC						
	35	MTMA35-GC	MTMA35/1									
	50	MTMA50-GC	MTMA50/1	50	25	MTMA50-25GC						
				50	35	MTMA50-35GC						
	70	MTMA70-GC	MTMA70/1	70	35	MTMA70-35GC						
				70	50	MTMA70-50GC						
	95	MTMA95-GC	MTMA95/1	95	50	MTMA95-50GC						
				95	70	MTMA95-70GC						
	120	MTMA120-GC	MTMA120/1	120	70	MTMA120-70GC						
				120	95	MTMA120-95GC						
	150	MTMA150-GC	MTMA150/1	150	70	MTMA150-70GC						
				150	95	MTMA150-95GC						
	185	MTMA185-GC	MTMA185/1	185	120	MTMA150-120GC						
				185	150	MTMA185-150GC						
	240	MTMA240-GC	MTMA240/1	240	150	MTMA240-150GC						
				240	185	MTMA240-185GC						
	300	MTMAD300-GC	MTMAD300/1	300	185	MTMAD 300-185 GC						
				300	240	MTMAD 300-240 GC						

 = Deep indent crimp

PRE-ROUNDERS SELECTION		DIES DESCRIPTION		DIES SEQUENCE													
ALUMINIUM CONDUCTOR SIZE sqmm	PRE-ROUNDER	DIE-SUPPORT		CONDUCTOR ROUNDING	CRIMPING												
25		 AC 130-P	1) AU 130-.. DIE-HOLDER Used to house dies and pre-rounders.	 1	 1												
35			2) UP 130-.. PRE-ROUNDERS Used to round aluminium sectoral conductors in order to introduce them into circular connectors. Each pre-rounder is made of two parts: the upper part is housed in die-holder AU 130-.. and the lower part is locked onto AC 130-P.. die support.			 2	 4										
50			3) AC 130-P.. DIE SUPPORT Houses lower part of pre-rounder UP 130-..					 3	 5								
70			4) MUA-.. DIES Containing dies.							 3	 5						
95			5) PS 130-.. E-INDENTORS Such indentors are specifically engineered for deep indentation of aluminium conductors of any stranding configuration.									 3	 5				
120														 3	 5		
150																 3	 5
185																	
240			 3	 5													

 = Deep indent crimp

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	ALUMINUM CONNECTORS AND BIMETALLIC (Al - Cu)					HYDRAULIC TOOLS						
		LUGS	LUGS	LUGS	SPICE	HT45-E B450ND-BV	HT51 B500	RH50 B500ND	HT81-UD RHU81-D Ø	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU450	RHU520
CAA-M.. MTA-C AA-M.. MTMA..	Conductor Size sqmm												
	10	CAA10-M..			MTMA10-..								
	16	CAA16-M..	MTA16-C		MTMA16-..								
	25	CAA25-M..	MTA25-C		MTMA25-..								
	35	CAA35-M..	MTA35-C		MTMA35-..								
	35	CAA35-20-M..	MTA35-20-C14-60		MTMA35-20-..								
	50	CAA50-M..	MTA50-C		MTMA50-..								
	70	CAA70-M..	MTA70-C..		MTMA70-..								
	95	CAA95-M..	MTA95-C..		MTMA95-..								
	120	CAA120-M..	MTA120-C..		MTMA120-..								
	150	CAA150-M..	MTA150-C..		MTMA150-..								
	185	CAA185-M..	MTA185-C..		MTMA185-..								
	240	CAA240-M..	MTA240-C..		MTMA240-..								
	300	CAA300-34-M..			MTMA300..								
	300	CAA300-M..			MTMA300-..								
	400	CA400-M..			MTMA400-..								
	500	CAA500-M16TNBD			MTMA500-40/1								
	500				MTMA500-GC								
	630	CAA630-4M8			MTMA630-GC								
Adaptor AU230-130-D with die set MK...-C													
Adaptor AU450-130-D with die set MK...-C													
Adaptor AU520-130-C with die set MK...-C													

⬡ = Hexagonal crimp

◊ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a Type 6522051 spring

APPLICATION	CONDUCTOR	BIMETALLIC CONNECTORS (Al - Cu)	HYDRAULIC TOOLS					
			HT45-E B450ND-BV	HT51 RH50 B500 B500ND	HT81-UD RHU81-D ◊	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU230-630
 ALUMINIUM CONDUCTORS	Conductor Size sqmm	LUGS	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET
	35	CBMC35-M..	M140 ◊	M140/9-50 ◊	M140/9-50 ◊	M140/2X9-C ◊		
	50	CBMC50-M..	M140 ◊	M140/9-50 ◊	M140/9-50 ◊	M140/2X9-C ◊		
	70	CBMC70-M1..	M173 ◊	M173/9-50 ◊	M173/9-50 ◊	M173/2X9-C ◊		
	95	CBMC95-M..	M173 ◊	M173/9-50 ◊	M173/9-50 ◊	M173/2X9-C ◊		
	120	CBMC120-M..	M173 ◊	M173/9-50 ◊	M173/9-50 ◊	M173/2X9-C ◊		
	150	CBMC150-M..		M235/9-50 ◊	M235/9-50 ◊	M235/2X9-C ◊		
	185	CBMC185-M..		M235/9-50 ◊	M235/9-50 ◊	M235/2X9-C ◊		
	240	CBMC240-M..		M235/9-50 ◊	M235/9-50 ◊	M235/2X9-C ◊		
	300	CBMC300-M..		M260/9-50 ◊	M260/9-50 ◊	M260/9-C ◊		
			Adaptor AU230-130D with die set M...-C					
			Adaptor AU230-130 CN and AU230-PS/E with die set M...-C					

◊ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a Type 6522051 spring

◊ = Hexagonal crimp

APPLICATION	CONDUCTORS	CONNECTOR				HYDRAULIC TOOLS			
		Conductor size (mm²)	CONNECTOR	Conductor size (mm²) Al	Conductor size (mm²) Al/Cu	CONNECTOR	ADAPTOR	DEEP INDENT DIE	PUNZONE
 MTA...GC	35		MTA 35 - 20				AU130-150	MVC95	PS130-95/E
	50		MTA 50 - GC						
	70		MTA 70	70	50	MTA 70-50 GC			
	95		MTA 95	95	50 70	MTA 95-50 GC			
	120		MTA 120	120	95	MTA 95-70 GC			
	150		MTA 150	150	95 120	MTA 120-95 GC MTA 150-95 GC			
	185		MTA 185	185	50	MTA 150-120 GC			
	240		MTA 240	240	95 150 185	MTA 185-50 GC MTA 185-95 GC MTA 240-150 GC MTA 240-185 GC			
							AU130-240	MVC240	PS130-240/E

 = Deep indent crimping

HYDRAULIC TOOLS										
APPLICATION	Conductor Size (mm²)		BIMETALLIC LUGS (Al - Cu)		HT45-E B450ND-BV	HT51D RH50 RHM50 ^A B500 B500ND	HT60C RH60C B600C B600CND TN60C	HT61 RH61 HT81-UD RHU81D B600 [◇]	HT131-C and tools and heads with 130 kN crimping force	ECW-H3D
	mm²/m	re/se	LUGS		HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET	HEXAGONAL DIE SET
CAAD-M.  MTA-C 	10	16					MK10B-40C ⁽¹⁾			
	16	25	CAAD16-ML	MTA16-C	MK12B ⁽²⁾	MK12B-50 ⁽²⁾	MK12B-60C ⁽²⁾	MK12-50 ⁽²⁾	MK12-C ⁽¹⁾	
	25	35	CAAD25-ML	MTA25-C	MK12B ⁽⁴⁾	MK12B-50 ⁽⁴⁾	MK12B-60C ⁽⁴⁾	MK12-50 ⁽⁴⁾	MK12-C ⁽²⁾	
	35	50	CAAD35-ML	MTA35-C	MK14B ⁽³⁾	MK14B-50 ⁽³⁾	MK14B-60C ⁽³⁾	MK14-50 ⁽³⁾	MK14-C ⁽²⁾	
	50	70	CAAD50-ML	MTA50-C	MK16B ⁽⁵⁾	MK16B-50 ⁽⁵⁾	MK16B-60C ⁽⁵⁾	MK16-50 ⁽⁵⁾	MK16-C ⁽²⁾	
	70	95	CAAD70-ML	MTA70-C	MK18B ⁽⁶⁾	MK18B-50 ⁽⁶⁾	MK18B-60C ⁽⁶⁾	MK18-50 ⁽⁶⁾	MK18-C ⁽³⁾	Adapter
	95	120	CAAD95-ML	MTA95-C	MK22B ⁽⁶⁾	MK22B-50 ⁽⁶⁾	MK22B-60C ⁽⁶⁾	MK22-50 ⁽⁶⁾	MK22-C ⁽³⁾	AU230-130D
	120	150	CAAD120-ML	MTA120-C	MK22B ⁽⁶⁾	MK22B-50 ⁽⁶⁾	MK22B-60C ⁽⁶⁾	MK22-50 ⁽⁶⁾	MK22-C ⁽³⁾	+
	150	185	CAAD150-ML	MTA150-C		MK25B-50 ⁽⁶⁾	MK25B-60C ⁽⁶⁾	MK25-50 ⁽⁶⁾	MK25-C ⁽³⁾	Die set
	185	240	CAAD185-ML	MTA185-C		MK28B-50 ⁽⁶⁾	MK28B-60C ⁽⁶⁾	MK28B-50 ⁽⁶⁾	MK28L-C ⁽³⁾	MK...-C
	240	300	CAAD240-ML	MTA240-C		MK32B-50 ⁽⁶⁾	MK32B-60C ⁽⁶⁾		MK32L-C ⁽³⁾	
	300		CAA300-34ML				MK34B-60C ⁽⁸⁾		MK34L-C ⁽³⁾	
	400		CAA400-ML							
	500		CAA500-ML,TNBD							
	ALUMINIUM-STEEL CABLES (mm²)						HT51D RH50 RHM50 B500 B500ND		HT131-C and tools and heads with 130 kN crimping force	ECW-H3D with adapter AU230-130D
25 / 4						MAS25/4-50-CG				
35 / 6						MAS35/6-50-CG				
50 / 8						MAS50/8-50-CG				
50 / 30								MAS50/30-C-CG	MAS-50/30-C-CG	
70 / 12						MAS70/12-50-CG		MAS70/12-C-CG	MAS-70/12-C-CG	
95 / 15						MAS95/15-50-CG		MAS-95/15-C-CG	MAS-95/15-C-CG	
95 / 55								MAS-95/55-C-CG	MAS-95/55-C-CG	
120 / 20						MAS120/20-50-CG		MAS-120/20-C-CG	MAS-120/20-C-CG	
150 / 25								MAS-150/25-C-CG	MAS-150/25-C-CG	
170 / 40								MAS-170/40-C-CG	MAS-170/40-C-CG	
185 / 30								MAS-185/30-C-CG	MAS-185/30-C-CG	
210 / 35								MAS-210/35-C-CG	MAS-210/35-C-CG	
240 / 40								MAS-240/40-C-CG	MAS-240/40-C-CG	

PRESS COVERAGE

BIMETALLIC LUGS

◇ The B600, HT 81-UD, RHU 81D, HT 61 and RH 61 tools use the same crimping inserts as the HT 51D, with a type 6522051 crimping insert spring.

▲ Not suitable for connectors

◇ = Hexagonal crimping

* larger crimping widths

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR		B15MD DIE SET	HT45-E B450ND-BV DIE SET	HT51 B500 DIE SET	HT60C B600C DIE SET	HYDRAULIC TOOLS			HT 120 and tools and heads with 130 kN crimping force	ECW-H3D DIE SET	RHU520 DIE SET
		LUGS	SPLICES					HT81-UD RHU81-D 0 DIE SET	RH60C B600CND DIE SET	NEST			
DIN 46234 	6÷10	Q10-..											Adaptor AU520-130-C with die set MQ...
	10÷16	Q16-..											
	16÷25	Q25-..											
	25÷35	Q35-..											
	35÷50	Q50-..											
	50÷70	Q70-..											
	70÷95	Q95-..											
	95÷120	Q120-..											
	120÷150	Q150-..											
	150÷185	Q185-..											
	185÷240	Q240-..											
DIN 46235 - 46267 T.1  	6	DR6-..N	DSV6										Adaptor AU230-130-D with die set MK...-C
	10	DR10-..N	DSV10										
	16	DR16-..N	DSV16										
	25	DR25-..N	DSV25										
	35	DR35-..N	DSV35										
	50	DR50-..N	DSV50										
	70	DR70-..N	DSV70										
	95	DR95-..N	DSV95										
	120	DR120-..N	DSV120										
	150	DR150-..N	DSV150										
DIN 46235 - 46267 T.1 	185	DR185-..N	DSV185										Adaptor AU520-130-C with die set MK...-C
	240	DR240-..N	DSV240										
	300	DR300-..N	DSV300										
	400	DR400-..N	DSV400										
	500	DR500-..N	DSV500										
	625	DR625-..N	DSV625										
	800	DR800-..N	DSV800										
	1000	DR1000-..N	DSV1000										
	6	HR6-..N	HSV6										Adaptor AU230-130-D with die set MH...-C
	10	HR10-..N	HSV10										
COPPER CONDUCTORS   	16	HR16-..N	HSV16										
	25	HR25-..N	HSV25										
	35	HR35-..N	HSV35										
	50	HR50-..N	HSV50										
	70	HR70-..N	HSV70										
	95	HR95-..N	HSV95										
	120	HR120-..N	HSV120										
	150	HR150-..N	HSV150										
	185	HR185-..N	HSV185										
	240	HR240-..N	HSV240										
COPPER CONDUCTORS   	300	HR300-..N	HSV300										Adaptor AU520-130-C with die set MH...-C
	400												
	500												
	630												
	6	HR6-..N	HSV6										
	10	HR10-..N	HSV10										
	16	HR16-..N	HSV16										
	25	HR25-..N	HSV25										
	35	HR35-..N	HSV35										
	50	HR50-..N	HSV50										
COPPER CONDUCTORS   	70	HR70-..N	HSV70										Adaptor AU520-130-C with die set MH...-C
	95	HR95-..N	HSV95										
	120	HR120-..N	HSV120										
	150	HR150-..N	HSV150										
	185	HR185-..N	HSV185										
	240	HR240-..N	HSV240										
	300	HR300-..N	HSV300										
	400												
	500												
	630												

 = Indenter
 = Hexagonal crimp

The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a type 6522051 spring
 NB: for through connectors this is the number of crimps per conductor

* Only for B500, B500ND and RH50

APPLICATION	CONDUCTOR			CONNECTOR		HYDRAULIC TOOLS						
	Conductor Size sqmm	Conductor Size		LUGS	SPICE	B15MD	HT51	RH50	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU520	
		AWG	Navy				B500	B500ND				DIE SET
 C-..	10	8	23	C8-..	BSCL8	DIE SET		MY2-50	MY2-C			
												ME03/2-15
												ME2/3-15
 CL-..	16	6		C6-..	BSCL6	DIE SET		MY3-50	MY3-C			
												MA03/3-15
												ME2/3-15
 CL-..	25	4	40	C4-..	BSCL4			MY4-50	MY4-C			
 BSCL	35	2	60	C2-..	BSCL2			MY5-50	MY5-C			
	50	1/0	100	C1/0-..	BSCL1			MY6-50	MY6-C			
	70	2/0	125	C2/0-..	BSCL2/0			MY7-50	MY7-C			
	95	3/0	150	C3/0-..	BSCL3/0			MY10-50	MY10-C			
	120	4/0	200	C4/0-..	BSCL4/0			MY14-50	MY14-C			
	150	250MCM	250	C250-..	BSCL250			MY16-50	MY16-C			
	185	300MCM	300	C300-..	BSCL300			MY19-50	MY19-C			
	240	350MCM	350	C350-..	BSCL350			MY24-50	MY24-C			
	300	400MCM	400	C400-..	BSCL400			MY30-50	MY30-C			
	300	500MCM		C500-..	BSCL500			MY36-50	MY36-C			
	300	600MCM		C600-..	BSCL600			MY37-50	MY37-C			
	300	600MCM		C600-..	BSCL600			MY48-50	MY48-C			
	300	750MCM		C750-..	BSCL750				MY60-C	MY60-C		
	300	750MCM		C750-..	BSCL750				MY76-C	MY76-C		

N.B.: Number inside symbol indicates the number of crimps for C short barrel lugs only.

○ = Circular crimp ◐ = Indent crimp ◑ = Hexagonal crimp

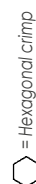
DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR	HYDRAULIC TOOLS						HYDRAULIC TOOLS					
			B15MD	HT45-E B450ND-BV	HT51 B500 B500ND	HT60C RH60C B600CND TN60C	HT81-UD RHU81-D ◊	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU520				
Conductor Size sqmm	TERMINAL	SPICE	DIESET	NEST	DIESET	NEST	DIESET	NEST	DIESET	NEST	DIESET	NEST	DIESET	NEST
4 ÷ 6	T6-M.. ■ T6-L..	L6-T..	MS4/10-15 1	MA1	MS6	MA1-50	PA1-50	MS6-50	MS6-50	MA1-50	PA1-50	MS6-50	MS6-C	1
	T10-M.. ■ T10-L..	L10-T..	MS4/10-15 MS10/16-15 1	MA2.3	MS10	MA2.3-50	PA5-50	MS10-50	MS10-50	MA2-50	PA5-50	MS10-50	MS10-C	1
16	T16-M.. ■ T16-L..	L16-T..	MS10/16-15 1		MS16	MA5-50	PA5-50	MS16-50	MS16-50	MA3-50	PA5-50	MS16-50	MS16-C	1
25	T25-M.. ■ T25-L..	L25-T..		MA5	MS25	MA5-50	PA5-50	MS25-50	MS25-50	MA5-50	PA5-50	MS25-50	MS25-C	1
35	T35-M.. ■ T35-L..	L35-T..		MA7	MS35	MA7-50	PA10-50	MS35-50	MS35-50	MA7-50	PA10-50	MS35-50	MS35-C	1
50	T50-M.. ■ T50-L..	L50-T..		MA10	MS50	MA10-50	PA10-50	MS50-50	MS50-50	MA10-50	PA10-50	MS50-50	MS50-C	1
70	T70-M.. ■ T70-L..	L70-T..			MS70	MA14-50	PA19-50	MS70-50	MS70-50	MA14-50	PA19-50	MS70-50	MS70-C	1
95	T95-M.. ■ T95-L..	L95-T..			MS95	MA19-50	PA19-50	MS95-50	MS95-50	MA19-50	PA19-50	MS95-50	MS95-C	1
120	T120-M.. ■ T120-L..	L120-T..			MS120	MA24-50	PA24-50	MS120-50	MS120-50	MA24-50	PA24-50	MS120-50	MS120-C	1
150	T150-M.. ■ T150-L..	L150-T..			MS150			MS150-50	MS150-50			MS150-50	MS150-C	2
185	T185-M..	L185-T..						MS185-50	MS185-50			MS185-50	MS185-C	2
240	T240-M..	L240-T..						MS240-50	MS240-50			MS240-50	MS240-C	2
300	T300-M..	L300-T..						MS300-50*	MS300-50			MS300-50	MS300-C	3
400	T400-M..	L400-T..											MS400-C	3

COPPER CONDUCTORS



Indenter crimp



Hexagonal crimp

■ Connection NOT possible with series -C dies

* Only for B500, B500ND and RH50 ◊ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a Type 6522051 spring

APPLICATION	Conductor Size sqmm		MATERIAL (Al)		HYDRAULICTOOLS							ECW-H3D	RHU450	RHU520
	mm ² /in	ref/se	LUGS	SPLICES	HT45-E B450ND-BV	HT51 RH50 B500 B500ND	HT60C RH60C B600C B600CND	HT81-UD RHU81-D Ø	HT 120 and tools and heads with 130 kN crimping force					
 AAD...  DSVA...	10	16					MK10B-60C							
	16	25	AAD16-M..		MK12B	MK12B-50	MK12B-60C	MK12B-50	MK12-C					
	16	25		DSVA16	MK12B	MK12B-50	MK12B-60C	MK12B-50	MK12-C					
	25	35	AAD25-M..	DSVA25	MK12B	MK12B-50	MK12B-60C	MK12B-50	MK12-C					
	35	50	AAD35-M..	DSVA35	MK14B	MK14B-50	MK14B-60C	MK14B-50	MK14-C					
	50	70	AAD50-M..	DSVA50	MK16B	MK16B-50	MK16B-60C	MK16B-50	MK16-C					
	70	95	AAD70-M..	DSVA70	MK18B	MK18B-50	MK18B-60C	MK18B-50	MK18-C					
	95	120	AAD95-M..	DSVA95	MK22B	MK22B-50	MK22B-60C	MK22B-50	MK22-C					
	120	150	AAD120-M..	DSVA120	MK22B	MK22B-50	MK22B-60C	MK22B-50	MK22-C					
	150	185	AAD150-M..	DSVA150		MK25B-50	MK25B-60C	MK25B-50	MK25-C					
	185	240	AAD185-M..	DSVA185		MK28B-50	MK28B-60C	MK28B-50	MK28L-C					
	240	300	AAD240-M..	DSVA240		MK32B-50	MK32B-60C		MK32L-C					
	300		AAD300-M..	DSVA300			MK34B-60C		MK34L-C					
	400		AAD400-M..	DSVA400 / DSVA401							MK38-3D	MK38-450	MK38-520	
	500		AAD500-M..	DSVA500 / DSVA501							MK44-3D	MK44-450	MK44-520	
	625			DSVA625								MK52-450	MK52-520	
	800			DSVA800								MK58-450	MK58-520	
	1000			DSVA1000								MK60-450	MK60-520	

rm = round stranded
sm = sector stranded
re = round solid
se = sector solid

⬡ = Hexagonal crimp NB: for through connectors this is the number of crimps per conductor

⬡ The Type HT81-UD and RHU81-D Tools use the same dies as the HT51, with the aid of a Type 6522051 spring

MUT DIES CROSS REFERENCE CHART

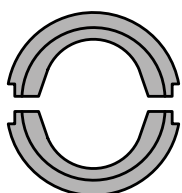
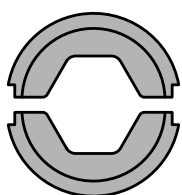
DIE INDEX	DIE TYPE		
			
	14.6 tons tools 131 series	6 tons tools 51 series	6 & 6.4 tons tools 54 & 55 series
161	MUT9999-C	MUT9999-50	MUT9999-W
162	MUT9998-C	MUT9998-50	MUT9998-W
163	MUT9997-C	MUT9997-50	MUT9997-W
164	MUT9996-C	MUT9996-50	MUT9996-W
166	MUT9995-C	MUT9995-50	MUT9995-W
167	MUT9958-C	-	MUT9958-W
168	MUT9974-C	-	-
169	MUT9979-C	-	-
170	MUT9973-C	-	-
203	MUT9943-C	MUT9943-50	MUT9943-W
204	MUT9941-C	MUT9941-50	MUT9941-W
209	MUT9972-C	-	-
239	MUT9993-C	MUT9993-50	MUT9993-W
242	MUT9967-C	-	-
243	MUT9991-C	MUT9991-50	MUT9991-W
247	-	MUT9954-50	MUT9954-W
249	MUT9990-C	MUT9990-50	MUT9990-W
253	MUT9957-C	-	-
255	MUT9962-C	-	-
261	MUT9956-C	-	-
296*	 beige	MUT9924-C	-
297*	 yellow olive	MUT9923-C	-
298*	 white	MUT9921-C	-
299*	 brown	MUT9918-C	-
300*	 pink	MUT9916-C	-
305	MUT9977-C	-	-
316	MUT9976-C	-	-
317	MUT9965-C	-	-
322	MUT9971-C	-	-
324*	 red	MUT9920-C	-
327	MUT9961-C	-	-
346*	 grey	MUT9928-C	-
348*	 pink	MUT9926-C	-
373	MUT9989-C	MUT9989-50	MUT9989-W
374*	 blue	MUT9929-C	-
375*	 green	MUT9927-C	-
467*	 rubin	MUT9922-C	-
470*	 blue	MUT9919-C	-
471*	 gold	MUT9925-C	-
472*	 green	MUT9917-C	-
473*	 black	MUT9915-C	-
490	MUT9966-C	-	-
642	MUT9970-C	-	-
654	MUT9975-C	MUT9975-50	-
655	MUT9968-C	-	-
658	MUT9988-C	MUT9988-50	MUT9988-W
659	MUT9987-C	MUT9987-50	MUT9987-W
936*	 yellow	MUT9914-C	-
698	MUT9986-C	MUT9986-50	MUT9986-W
699	MUT9985-C	MUT9985-50	MUT9985-W
708	MUT9959-C	-	-
756	MUT9964-C	-	-
788	MUT9950-C	-	-
790	MUT9969-C	-	-
BG	MUT9984-C	MUT9984-50	MUT9984-W
C	MUT9983-C	MUT9983-50	MUT9983-W
D3	MUT9981-C	MUT9981-50	-
E	MUT9982-C	MUT9982-50	MUT9982-W
F	MUT9960-C	-	-
K840	-	-	MUT9942-W
N	MUT9955-C	-	-
O	MUT9980-C	MUT9980-50	MUT9980-W

*Stainless steel dies

M-600 SERIES MATRICES			
Type	Application	Hexagonal Key (regular hexagon)	Footprint width mm
M110-600	STEEL	11	35
M120-600	STEEL	12	30
M140-600	STEEL	14	32
M160-600	STEEL	16	30
M190-600	STEEL	19	20
M220-600	STEEL	22	23
M260-600	ALDREY	26	63.5
M300-600	ALUMINIUM/ALDREY	30	60
M340-600	ALUMINIUM/ALDREY	34	56
M400-600	ALUMINIUM/ALDREY	40	50
M440-600	ALUMINIUM/ALDREY	44	42
M540-600	ALUMINIUM	54	32
MFLAT-600	JOINT STRAIGHTENER	-	155



DIE INDEX	DIETYPE		
	ALCOA	HUSKIE	BURNDY
10SH	6010SH	HA60-01	-
12SH	6012SH	HA60-02	-
14SH	6014SH	HA60-03	-
16SH	6016SH	HA60-04	-
18SH	6018SH	HA60-05	-
20SH	6020SH	HA60-06	-
74SH	6074SH	HA60-07	-
75SH	6075SH	HA60-08	-
76SH	6076SH	HA60-09	-
76.1SH	6076.1SH	-	-
20AH	6020AH	HA60-20	20AH60
24AH	6024AH	HA60-21	24AH60
27AH	6027AH	HA60-22	27AH60
30AH	6030AH	HA60-23	30AH60
34AH	6034AH	HA60-24	34AH60
36AH	6036AH	HA60-25	36AH60
38AH	6038AH	HA60-26	38AH60
40AH	6040AH	HA60-27	40AH60
74AH	6074AH	HA60-28	-
75AH	6075AH	HA60-29	75AH60
76AH	6076AH	HA60-30	76AH60
07CD	6007CD	HA60-40	07CD60
08CD	6008CD	HA60-41	08CD60
09CD	6009CD	HA60-42	09CD60
10CD	6010CD	HA60-43	10CD60
11CD	6011CD	HA60-44	11CD60
12CD	6012CD	HA60-45	12CD60
13CD	6013CD	HA60-46	13CD60
14CD	6014CD	HA60-47	14CD60
15CD	6015CD	HA60-48	15CD60
16CD	6016CD	HA60-49	16CD60
17CD	6017CD	HA60-50	17CD60



RHU1000 DIES CROSS REFERENCE CHART

DIE INDEX	DIE TYPE	
	ALCOA	HUSKIE
10SH	10010SH	HA100-01
12SH	10012SH	HA100-02
14SH	10014SH	HA100-03
16SH	10016SH	HA100-04
18SH	10018SH	HA100-05
20SH	10020SH	HA100-06
76SH	10076SH	-
20AH	10020AH	HA100-20
24AH	10024AH	HA100-21
27AH	10027AH	HA100-22
30AH	10030AH	HA100-23
34AH	10034AH	HA100-24
36AH	10036AH	HA100-25
38AH	10038AH	HA100-26
40AH	10040AH	HA100-27
76AH	10076AH	HA100-30
42AH	10042AH	HA100-34
44AH	10044AH	HA100-36
48AH	10048AH	HA100-38
07CD	10007CD	HA100-40
08CD	10008CD	HA100-41
09CD	10009CD	HA100-42
10CD	10010CD	HA100-43
11CD	10011CD	HA100-44
12CD	10012CD	HA100-45
13CD	10013CD	HA100-46
14CD	10014CD	HA100-47
15CD	10015CD	HA100-48
16CD	10016CD	HA100-49
17CD	10017CD	HA100-50
18CD	10018CD	HA100-51
19CD	10019CD	HA100-52
20CD	10020CD	HA100-53

1. GENERAL TERMS

1.1 For the purpose of these GENERAL TERMS AND CONDITIONS OF SALE (the "Terms and Conditions"), the following definitions shall apply:

- «Seller»: CEMBRE S.p.A. and its affiliates;
 - «Affiliate»: any entity directly or indirectly, through one or more intermediaries, controlling, controlled by, or under common control with CEMBRE S.p.A.;
 - «Buyer»: any professional or entrepreneur purchasing the Products from the Seller;
 - «Products»: the goods manufactured and/or sold by the Seller;
 - «Order(s)»: each proposal for the purchase of the Products submitted by the Buyer to the Seller in writing;
 - «Sale(s)»: each single sale agreement entered into further to the receipt by the Buyer of the written order confirmation of the Seller.
- 1.2 These Terms and Conditions govern the sale of equipment, components, parts, and materials (the "Products") supplied by the Seller to the Buyer. Any specific supply agreement, order confirmation, quotation, these Terms and Conditions and the purchase order form the Sales Agreement ("Agreement") between the parties. In the event of a conflict between these documents, precedence shall apply in accordance with the order listed in the previous sentence.
- 1.3 CEMBRE's quotation, proposal or order confirmation is conditional on the Buyer's acceptance of these Terms and Conditions. Buyer's silence or acceptance/use of the Products or services related to any purchase order shall constitute tacit approval of these Terms and Conditions.
- 1.4 Any additional or conflicting terms included in the Buyer's request for quotation/proposal, specifications, purchase order or any other written or oral communication are not binding on CEMBRE unless separately signed by CEMBRE. CEMBRE's failure to object to Buyer's additional or conflicting terms (including the Buyer's Terms and Conditions of Purchase) does not operate as a waiver of any terms contained herein.

2. ORDERING PROCEDURES

- 2.1 Offers of the Seller are not binding. This shall also apply if the Seller has provided the Buyer with catalogues, technical documentation (e.g. drawings, plans, calculations, calculations, references to DIN standards), other product descriptions or documents - also in electronic form - to which the Seller reserves property rights and copyrights pursuant to Clause 8.
- 2.2 Unless otherwise agreed, the information in offers and order confirmations shall refer to the contents of the respectively valid price lists, catalogues or other documents - also in electronic form, including technical data sheets, of the Seller.
- 2.3 All orders must be sent in writing and include all the details for a correct identification of the Products and Services requested. The minimum order amount is € 250.
- 2.4 The order is an irrevocable proposal to buy, but it is accepted by the Seller only following order acknowledgement / confirmation or execution.
- 2.5 The Buyer may request in writing to cancel or modify the order only prior to its execution and the Seller may at its own discretion accept or reject such request. Only cancellations and modifications expressly accepted by the Seller in writing shall be valid and effective.

3. PRICING AND PAYMENT TERMS

- 3.1 Unless otherwise specified in writing, Seller's quotations have a 30-day validity, after which they will automatically expire.
- 3.2 Prices quoted in price-lists and marketing materials are not binding and cannot be considered a "public offer". Unless otherwise agreed in writing, prices are always quoted based on delivery term FCA (Incoterms latest version) net of any applicable statutory value added /goods and services tax and of any applicable taxes and duties.
- 3.3 The Seller reserves the right to update the price-list without prior notice; the new release of the price-list will apply to all the Orders placed after the date such new release is issued and sent to the Buyer. Invoices will be issued in accordance with the prices in force on the date of the order confirmation or as otherwise agreed in specific supply agreements.
- 3.4 In the event of late payment, the Seller will have the right to charge overdue interest in accordance with the provisions of law no. 231/2002. Any further claim for damages caused by delay shall remain unaffected.
- 3.5 In the event of payment arrears, suspension of payments and if circumstances become known which are likely to reduce the creditworthiness of the customer, the Seller shall be entitled, after having granted a period of grace, to declare all claims arising from the entire business relationship with the customer immediately due for payment. Discount agreements, rebates and the like shall be deemed forfeited in this case.
- 3.6 Failure to pay or delayed payments above 30 days also entitle the Seller to suspend the delivery of the Products and terminate every single Sale entered into. The suspension of the delivery of the Products or the termination of any Sale shall not entitle the Buyer to claim for any compensation.
- 3.7 Any complaints regarding the Products and/or their delivery shall not be grounds for suspending or delaying the payment.
- 3.8 In the event of default or risk of insolvency concerning the Buyer, the Seller will be entitled to:
- demand payment in advance or suitable guarantees; and/or
 - suspend deliveries; and/or
 - demand immediate payment of all the invoices already issued, regardless of the payment term therein indicated; and/or
 - terminate any existing sale agreement.

4. DELIVERY

- 4.1 Except as otherwise agreed upon in writing between the parties, the Seller shall deliver the Products FCA its premises (INCOTERMS latest version). If required, the Seller shall take care of the shipment of the Products at the Buyer's costs and expenses. In this last case delivery shall be considered to have taken place when the Products are transferred to the forwarder.
- 4.2 In case of missing or damaged goods during transport, the Buyer must formulate all the necessary reservations on the delivery note of said goods at the time of delivery. Such reservations must also be confirmed in writing to the Seller within 48 hours of the date of the delivery, by registered mail with return receipt.
- 4.3 The Seller cannot be held liable for delays in deliveries in the following circumstances:
- acts of God or other extraordinary events beyond reasonable control, resulting in interruption of the manufacturing process, including shortage of energy and/or raw materials, pandemics strikes, embargoes or trade restrictions;
 - delays due to the Buyer, particularly when the Buyer failed to provide the information required to execute the order;
 - overdue payments, pursuant to arts. 1460 and 1461 of the Civil Code.
- 4.4 Penalties for late delivery may be charged by the Buyer only when expressly agreed in a specific supply agreement, and in any case up to a maximum amount equal to the price of the delayed delivery.
- 4.5 The Buyer shall not reject partial deliveries or late deliveries. All costs resulting from the rejection of goods will be charged to the Buyer. Excess deliveries for the purpose of rounding up to the packing quantity shall be deemed to be contractual performance and shall be paid by Buyer.
- 4.6 Goods returned at the request of the Buyer can only be accepted if the Seller has agreed in writing. The returned parts must be in their original packaging, come from the current product range and be in saleable condition. The return shipment must be carriage paid and at the risk of the Buyer. From the purchase price to be refunded, a depreciation fee will be deducted based on the actual conditions of the goods, their age and original price. Depreciation shall not apply to goods returned under section 5 and 6 hereinafter, provided that the return was authorized by the Seller. Custom-made products or articles which are not included in the current catalogue will not be taken back. Returned goods that are not accepted by the Seller will be shipped back to Buyer (freight paid by the Buyer) or scrapped upon the Buyer's authorization.
- 4.7 In the event of modifications to the order required by the Buyer, the delivery deadline will automatically be extended for the time necessary to implement the required modification.

5. CONFORMITY

- 5.1 Complaints about apparent defects or non-conformity of the product delivered in relation to the purchase order or the packing slip must be notified to the Seller in writing within 48 hours after receipt of the products, subject to forfeiture. The Buyer loses the right to claim if the goods are not inspected immediately after delivery.
- 5.2 In the absence of a specific agreement on quality, the features contained in a specification, a product-specific technical data sheet or an equivalent description by the Seller shall be deemed to be the relevant quality. Insignificant deviations shall not constitute a defect.
- 5.3 All actions regarding non-conformities detected by the Buyer must be agreed upon in advance with the Seller's quality department; in particular, the Buyer must not charge any costs not agreed upon in advance between the Parties.

6. WARRANTY AND LIABILITY

- 6.1 Unless otherwise agreed upon in writing, the Seller warrants that the Products are free from defects in material, design and manufacturing and fit for use. No guarantee is given herein by the Seller on the conformity of any Product with the law and regulations in countries outside EU and the UK. No other warranties, express or implied, are made with respect to the Products including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose.
- 6.2 Unless otherwise agreed upon in writing, the warranty shall be valid for a period of one year from the date of delivery to the Buyer. Warranty is provided only on tools or machines with a serial number or other identification number that allows traceability. The warranty is, however, excluded if the Products have already been processed by the Buyer or incorporated in products, machinery or plants of the Buyer or of third parties.
- 6.3 Claims for defective Products shall be made in writing within eight working days from discovery.
- 6.4 The defective Products shall be returned to the Seller at the Buyer's cost upon Seller's request. The Seller's sole obligation (and Buyer's sole remedy) for any breach of warranty under the foregoing warranty shall be to repair (at location designated by Seller) or replace DAP the original point of delivery the defective goods,

TERMS AND CONDITIONS OF SALES

within a reasonable time. In the event that the Seller, for any reason, is unable to return a repaired or replaced product under warranty to the Buyer, it will proceed at its own discretion to refund the price paid, or replace the product with another having equal or superior characteristics. The Buyer will waive any claim for damage compensation once the warranty has been fulfilled and the Product has been repaired or replaced. The warranty shall not cover defects due to environmental or stress testing, misuse, failure to observe the Seller's instructions regarding the functioning, maintenance and the storage of the Products, repairs or modifications made by the Buyer or a third party without prior written authorization of the Seller, improper installation, transportation or handling.

6.5 Direct interventions on site are not included in the warranty; if expressly requested by the Buyer they are subject to charge, according to the Seller's tariffs.

6.6 Warranty repair/replacements may be suspended in the event of insolvency of the Buyer or overdue invoices.

6.7 Save for the case of fraud or gross negligence, the Seller shall bear no liability for damages to property or third parties other than that expressly provided by virtue of any mandatory law provisions. In any case, the Seller shall not be liable for indirect or consequential damages of whatsoever nature as, by way of example, production losses or unearned profits. In any case, Buyer's right to damages shall be limited to a maximum amount equal to the value of the Products showing defects or faults.

6.8 The Seller shall bear no liability for damages to property or third parties other than that expressly provided by virtue of any mandatory law provisions. The Seller will not, under any circumstances, be liable for the cost of removal or reinstallation of goods or the cost of disassembly or reassembly or for loss of business or goodwill or profits or for cost of inspection or storage or for any incidental and consequential damages of any nature which may arise from the sale of goods to the Buyer. When liability cannot be excluded by virtue of mandatory law provisions, Buyer's right to damages shall in any case be limited to a maximum amount equal to the value of the Products showing defects or faults.

6.9 The Seller has taken out suitable insurance policies covering general liability in connection with the Products.

6.10 Cembre products are intended for professional users (B2B): the applicability of consumer protection regulations, including those related to warranty, is expressly excluded. The sale of Cembre products through channels accessible to consumers is expressly prohibited, and vendors who contravene this prohibition will assume all civil and criminal liability towards third parties and the competent authorities.

7. EXPORT CONTROL REGULATIONS

7.1 The Seller shall not be obligated to fulfil this agreement if such fulfilment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions or restrictions.

7.2 The Buyer is aware that the Products are intended to be sold and used exclusively for civil purposes, to the exclusion of any military or nuclear applications, or applications related to the development and production of chemical weapons and weapons of mass destruction.

7.3 The Buyer is aware that under the EU regulations, re-exportation to Russia and re-exportation for use in Russia of goods or technologies listed in Annexes XI, XX, XXXV and XL of EU Reg. 2014/833, dual-use products and firearms and ammunition listed in Annex I of EU Regulation n. 258/2012 are prohibited. Re-export to Belarus and re-export for use in Belarus of the goods or technologies listed in Annexes XVI, XVII, XXVIII, XXX, as well as firearms and ammunition listed in Annex I of Regulation (EU) No. 258/2012 are also prohibited. The Buyer consequently undertakes to comply with the trade restrictions issued by the EU authorities, as subsequently amended and supplemented.

7.4 If the Buyer transfers the Products to a third party, the Buyer shall comply with all applicable national and international (re-) export control regulations.

7.5 The Buyer shall cooperate with the Seller to provide the information concerning end users, destination and intended use of goods supplied by CEMBRE, in case this is necessary due to customs control activities or export control regulations.

7.6 Violations of this section 7 shall entitle the Seller to terminate any existing sale agreement at any time without notice.

8 INTELLECTUAL PROPERTY, CONFIDENTIALITY AND PRIVACY

8.1 The use of CEMBRE trademarks is governed by the General Terms and Conditions, published on the website <https://www.cembre.com/en/terms-and-condition>, which the Buyer is obliged to comply with. It is prohibited to relabel and repack the Products without CEMBRE's written authorization.

8.2 Each party will retain ownership of its Intellectual Property developed before or outside the scope of the sale agreement. If any Intellectual Property is developed under the sale agreement, the parties shall execute a separate agreement regarding the ownership thereof.

8.3 Seller expressly reserves the copyright to its catalogues, technical documentation (e.g. drawings, plans, calculations, data sheets), other product descriptions or documents - also in electronic form. The Buyer is only granted a non-exclusive right of use.

8.4 All drawings and technical documents relating to the Products submitted by one party to the other shall remain exclusive property of the submitting party and can only be used for the purpose for which they were provided. The receiving party is not allowed to use such documents otherwise, to procure copies thereof, to reproduce and to disclose them to a third party without consent of the submitting party. The end user of the Products shall not be deemed as a third party for the purpose of this section.

8.5 Any liability of the Seller is excluded if the Buyer is responsible for the infringement of property rights, in particular because he has modified the object of performance, used it in breach of contract or taken it to a place other than the place of destination without the Seller's consent.

8.6 If the Seller manufactures goods according to drawings, samples or other information provided by the Buyer (OEM products) and if the property rights of third parties are infringed in the process, the Buyer shall indemnify the Seller from all claims for damages resulting from this.

8.7 The Seller warrants that the personal data received from the Buyer will be processed in full compliance with the applicable data protection regulations.

8.8 Violations of this section 8 shall entitle the Seller to terminate any existing sale agreement at any time without notice.

9. APPLICABLE LAW AND JURISDICTION

9.1 The place of performance for the delivery together with any subsequent performance on the part of the Seller is the Seller's registered office.

9.2 Place of jurisdiction is the registered office of the Seller. The Seller is also entitled to take legal action at the Buyer's registered office.

9.3 The legal relations between the Seller and the Buyer shall be governed by Italian law to the exclusion of the U.N. Convention on the International Sale of Goods (CISG).

9.4 The Buyer acknowledges that the CEMBRE Group has adopted a Code of Ethics, a Group Anticorruption Policy and a Code of Conduct against harassment and violence in the workplace - available at www.cembre.com - and undertakes to respect their provisions, abstaining from any unlawful conducts. Failure to comply with any of the provisions of the Code of Ethics, of the Group Anticorruption Policy and of the Code of Conduct will result in a serious breach of contractual obligations and will entitle CEMBRE to terminate the contract with immediate effect, without prejudice to compensation for damages.

10. FORCE MAJEURE AND HARDSHIP

10.1 No failure, omission or delay of the Seller in the performance of any obligation shall be deemed a breach of the agreement nor create any liability hereunder, if the failure, omission or delay shall arise from acts of God, laws, rules, regulations or orders of any governmental authority, floods, fires, explosions, storms, earthquakes, acts of war (declared or undeclared), rebellion, insurrections, riot, sabotage, shortages of fuel, power, energy resources, and/or raw material, invasion, epidemic, quarantine, accident, strikes, lockouts, labor disputes, or any other comparable cause beyond the reasonable control of the Seller.

10.2 If, during the term of the contract, events occur which have not been contemplated by the Parties and which fundamentally alter the equilibrium of the contract, thereby placing an excessive burden on the Seller in the performance of its contractual obligations (hardship), the Seller shall have the power to make any revision to the contract that it finds just and equitable in the circumstances, or to terminate the contract at a date and on terms to be fixed.

Making the right connections



CEMBRE products are intended for professional users (B2B). The applicability of consumer protection regulations, including those related to warranty, is expressly excluded. Please refer to the manufacturer's website, www.cembre.com, for any information regarding product terms and conditions of sales and warranty. The sale of CEMBRE products through channels accessible to consumers is expressly prohibited, and vendors who contravene this prohibition will assume all civil and criminal liability towards third parties and the competent authorities.

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Edited by CEMBRE S.p.A. - September 2026



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