



Industrial connections

Chain industrial connectors

Renewable energy

Earthing

Insulation products

Cable ties and accessories

Tooling and accessories



Connecting Solutions



Connecting Solutions

A young dynamic company

Founded in 1981, MECATRACTION quickly grew both in the domestic market and export markets. We are based in Pompadour, France, in premises of more than 8100 m². MECATRACTION designs, develops and produces a complete range of components for industrial electrical connections.

Our subsidiary CEGERS TOOLS adds an extensive range of tools and accessories.

MECATRACTION is a subsidiary of the SICAME group

The SICAME Group specializes in accessories for the transport and the transmission of electrical power.



Your best partner in the high-tech sector

MECATRACTION has forged a position for itself in many sectors of industry that demand know-how, precision and efficiency through the quality of our products and our capacity for innovation.

These sectors include the rail, automotive, aeronautic, space, nuclear, renewable energies, shipping and defence industries.

High means of production

The manufacturing of components for electrical connections requires a production apparatus both modern and extremely flexible.



Research & Development

Our Research and Development department is composed of multi-disciplinary teams who combine creativity and reactivity.

Our knowledge of the requirements of various fields of activity such as railway, aeronautics, automotive or renewable energies enables us to offer original and strong solutions based on our experience.

Our research teams can rely on the capacity of our laboratory to investigate new technical solutions allowing to anticipate the needs of our customers.

Thus, our connections meet the permanent evolutions of the connectors in the most severe applications.



Quality and Environment





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7197601	107	7199645	149	7199883	157	7210210	68	7212171	70
7197601	146	7199646	149	7199900	157	7210211	68	7212173	70
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7291682	86	7307251	80	7340285	188	7341521	186	7360245	45
7291701	87	7307261	80	7340331	188	7341525	186	7360315	45
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7304013	110	7307682	82	7341038	183	7341849	179	7361205	46
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7304031	110	7307707	82	7341044	184	7341851	179	7361235	46
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PR120-10F	57	RG2-16B	194	RT10	48	SE2-120S	193
PR120-12F	57	RG2-35	194	RT120	48	SE2-240	193
PR120-14F	57	RG2-35B	194	RT150	48	SE2-240P	193
PR120-16F	57	RG2-50	194	RT16	48	SE2-25	193
PR120-8F	57	RG2-50B	194	RT185	48	SE2-25P	193
PR16-10CU	57	RG2-95	194	RT2.5	48	SE2-50	193
PR16-12CU	57	RG2-95B	194	RT240	48	SE2-50P	193
PR16-4CU	57	RJ0A16	64	RT25	48	SE2-50S	193
PR16-5CU	57	RJ0A25	64	RT300	48	SE2-75	193
PR16-6CU	57	RJ0A35	64	RT35	48	SE2-75P	193
PR16-8CU	57	RJ0A35-25	65	RT4	48	SEPT13E	293
PR25-10CU	57	RJ0A25-16	63	RT400	48	SEPT13K	293
PR25-12CU	57	RJ1A50	64	RT50	48	SEPT13X	293
PR25-14CU	57	RJ1A50-25	65	RT6	48	SERCOL	230
PR25-4CU	57	RJ1A50-35	65	RT70	48	SETCT5PLUS	241
PR25-5CU	57	RJ1A70	64	RT95	48	SF1010	183
PR25-6CU	57	RJ1A70-35	65	RU21MC6E	287	SF1010CNM	184
PR25-8CU	57	RJ1A70-50	65	RU21MJ6E*	288	SF106	183
PR35-10CU	57	RJ1A95	64	S1200T	252	SF106+BM	183
PR35-12CU	57	RJ1A95-25	65	SA0-3	69	SF106CNM	184
PR35-14CU	57	RJ1A95-35	65	SA0-4	69	SF107	183
PR35-5CU	57	RJ1A95-50	65	SA0-5	69	SF107CNM	184
PR35-6CU	57	RJ1A95-70	65	SA1-3	69	SF108	183
PR35-8CU	57	RJ1AU50-120	63	SA1-3.5	69	SF108CNM	184
PR50-10CU	57	RJ1AU50-35	63	SA1-4	69	SF1210	183
PR50-12CU	57	RJ1AU50-50	63	SA1-5	69	SF1210CNM	184
PR50-14CU	57	RJ1AU50-70	63	SA2-10	69	SF126	183
PR50-16CU	57	RJ1AU50-95	63	SA2-5	69	SF126+BM	183
PR50-6CU	57	RJ1AU70-120	63	SA2-6	69	SF126CNM	184
PR50-8CU	57	RJ1AU70-35	63	SA2-8	69	SF127	183
PR70-10CU	57	RJ1AU70-50	63	SA3	69	SF127+BM	183
PR70-12CU	57	RJ1AU70-70	63	SA3.5	69	SF127CNM	184
PR70-14CU	57	RJ1AU70-95	63	SA40-60SE	310	SF128	183
PR70-16CU	57	RJ1AU95-120	63	SA40-60SK	310	SF128CNM	184
PR70-6CU	57	RJ1AU95-50	63	SA40-60SX	310	SF1410CNM	184
PR70-8CU	57	RJ1AU95-70	63	SAE1-4	74	SF146+BM	183
PR95-10CU	57	RJ1AU95-95	63	SAE3	74	SF146CNM	184
PR95-12CU	57	RJ2A120	64	SAU400QE	290	SF147CNM	184
PR95-14CU	57	RJ2A150	64	SAU400QK	290	SF148CNM	184
PR95-16CU	57	RJ2A150-120	65	SAU400QX	290	SF1610CNM	184
PR95-18CU	57	RJ2A150-35	65	SB0-4	69	SF166CNM	184
PR95-20CU	57	RJ2A150-50	65	SB0-5	69	SF167CNM	184
PR95-6CU	57	RJ2A150-70	65	SB1-3	69	SF168CNM	184
PR95-8CU	57	RJ2A150-95	65	SB1-4	69	SF66	183
PSEC7A	243	RJ2AU120-120	63	SB1-5	69	SF66+BM	183
PSEC8	243	RJ2AU120-185	63	SB1-6	69	SF66CNM	184
PU120	285	RJ2AU120-50	63	SB2-10	69	SF67	183
PU240	285	RJ2AU120-70	63	SB2-5	69	SF67CNM	184
PU50	285	RJ2AU120-95	63	SB2-6	69	SF68	183
PZ0256	243	RJ2AU150-120	63	SB2-8	69	SF68CNM	184
PZL025	102	RJ2AU150-50	63	SB3	69	SF810	183
PZL025	246	RJ2AU150-185	63	SB3.5	69	SF810CNM	184
Q0AU25	60	RJ2AU150-50	63	SB550ECM	291	SF86	183
Q0AU35	60	RJ2AU150-70	63	SB550KCM	291	SF86+BM	183
Q1AU50	60	RJ2AU150-95	63	SB550XCM	291	SF86CNM	184
Q1AU70	60	RJ4A185	64	SBE-3	74	SF87	183
Q1AU95	60	RJ4A240	64	SBE0-4	74	SF87CNM	184
Q2AU120	60	RJ4A240-120	65	SC1-3	69	SF88	183
Q2AU150	60	RJ4A240-150	65	SC1-4	69	SF88CNM	184
Q4AU185	60	RJ4A240-185	65	SC1-5	69	SFFA4	82
Q4AU240	60	RJ4A240-70	65	SC1-6	69	SFFB4	82
R1-3F	80	RJ4A240-95	65	SC120ECM	274	SFFB5	82

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Main features of the polymeres used in the manufacturing of heat-shrink insulating tubes:

General features	PVC INSULATION	POLYAMIDE INSULATION	POLYCARBONATE INSULATION
Specific gravity (g/cm ³)	1.4	1.13	1.25
Flammability	V0	V2	V2
Normal operating temperatures	- 20° C to +70° C	- 40° C to + 105° C	- 40° C to + 125° C
Absorption of water (24 h at 23°C)	0.1 %	1.0 %	0.32 %
Mechanical properties			
Fracture under compression at 23°C	87 MPa	82 MPa	75 MPa
Elongation at break under tension at 23°C	38 %	200 %	100 %
Electrical properties			
Dielectric strength at 23°C	14 KV/mm	20 KV/mm	17 KV/mm
Thermal properties			
Temperature resistance to deformation under loading of 1.85 MPa	67° C	65° C	127° C
Melting temperature	160° C	220° C	230° C

Main features of the materials used in the manufacturing of electrical connections:

Material	Material specification	Electrical conductivity (% IACS)	Specific resistance (mV x cm)	Maximum temperature (°C)		
				Un-coated	Tin-plated	Nickel-plated
Copper	Cu-DHP (Cub1)	80	2.2	90	110	340
	Cu-DLP (Cub2)	92	1.8			
	Cu-OF (Cuc1)	100	1.72			
	Cu-ETP (Cua1)	100	1.72			
Brass	Cu Zn 30	29	6.2	90	110	125
	Cu Zn 33	28	6.4			
Bronze	Cu Sn 4P	20	9	120	110	150
	Cu Sn 6P	15	13			
Aluminium	A5 - 1050	59	2.9	90	110	120
	A7 - 1070	61	2.9			

The 5 key elements:

- ✓ An electrical connection must be electrically and mechanically sound.
A complete system (terminal block, electric motor, automation, lighting...) depends upon the quality of this connection.
- ✓ In order to ensure the integrity of the final assembly (5), the product, the preparation, and the crimping operations should be implemented according to the key rules and by taking into account the first 4 essential key elements:

1

A quality crimp termination suited to the application



2

An electric cable correctly stripped and matched to the application



3

A quality crimping tool matched to both termination and conductor



4

An operator with experience in crimping techniques



5



General features of a crimped electrical connection:

A crimped electrical connection provides the link between a cable and the electrical equipment.

The main features of these connections are:

- ✓ Excellent conductivity
- ✓ Good tensile strength
- ✓ Good corrosive resistance
- ✓ Good resistance to vibration
- ✓ No voltage drop or rise in temperature

Qualification of a crimped termination :

- ✓ Mechanical tests



Tensile strength



Vibration resistance

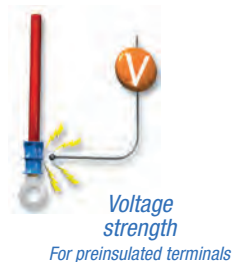


*Insertion extraction
For disconnects and tabs*

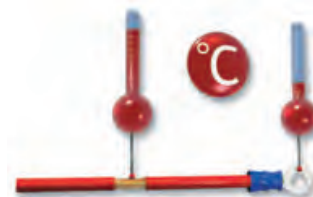
- ✓ Electrical tests



Voltage drop



*Voltage strength
For preinsulated terminals*



Increase in temperature

Crimping of preinsulated terminals

Types of preinsulated terminals “single crimp” and “double crimp”.

“Double crimp” type is particularly suited to electrical connections suffering stress or vibrating stress.

“Easy entry” insulation

Core crimping barrel

Insulation

Insulation crimping sleeve

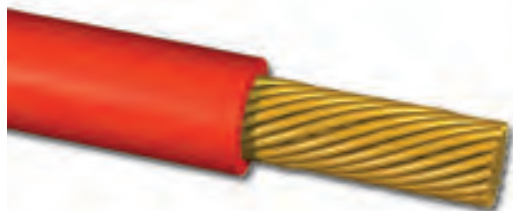
Single Crimp

Connecting palm

Double Crimp

Cables

Cable correctly stripped:



- 1 Conductor strands protruding approximately 1 mm
- 2 Colour code marking
- 3 Flange from 1 to 1.5 mm

Crimping

Terminal correctly crimped:



✗ Insulation poorly stripped



✗ Cable strands damaged or cut



✗ Cable strands not twisted



✗ Cable strands over twisted



✗ Insulation particles on cable core



✗ Cable insulation damaged

Conductor insufficiently stripped ✗

Crimped off centre ✗

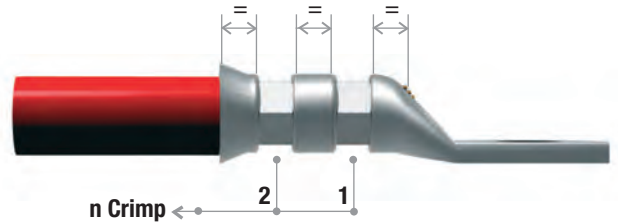
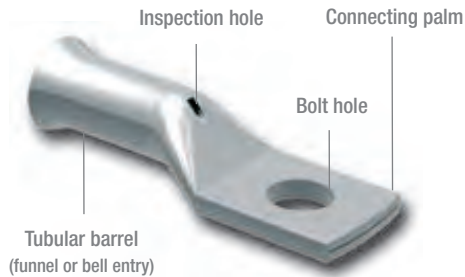
Crimped off centre ✗

Tool presented incorrectly ✗

Cable over stripped, difficult to assemble on the tab ✗



Crimping of copper tubular lugs

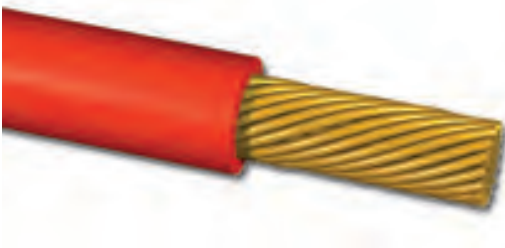


For an indent crimp the crimping order is reversed



Cables

Cable correctly stripped:



✗ Insulation poorly stripped



✗ Cable strands damaged or cut



✗ Cable strands not twisted



✗ Cable strands over twisted



✗ Insulation particles on cable core



✗ Cable insulation damaged

Crimping

Terminal correctly crimped: cable strands viewed through inspection hole. Cable correctly stripped and sufficiently introduced into the barrel, crimping mark correctly centred on the barrel.



Cable not fully inserted ✗

Crimped off center ✗

Crimped off centre ✗

Incorrect or damaged die, handles appear ✗

Crimps incorrectly positioned ✗



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Product choice

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Studies and expertises

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Specific solutions

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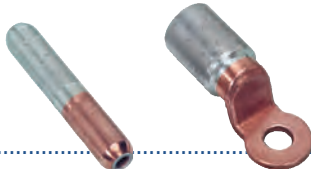
**Product training
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Industrial Electrical Connections

32	Copper tubular lugs and butt connectors	
58	Aluminium copper lugs	
68	Preinsulated terminals	
98	End sleeves	
104	Disconnects, tabs and housings	
108	A range of products on a display stand and assorted terminal boxes	
116	Special products	



Copper Tubular Lugs from 2.5 to 70 mm²

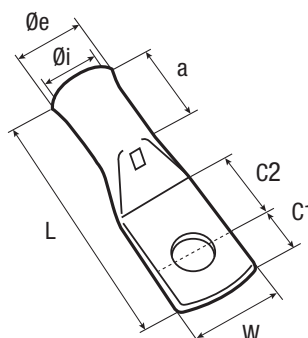
General features

- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Bell entry from 10 mm².
- ✓ Straight entry on request, remove "T" from part number.

Other holes on request.

C & CT
Series

Compliant
NF C
20-130



 mm ²	Item code	Part No.		 Ø mm	W	Ø i	Ø e	C1	C2	a	L	
2.5	7417005	2.5-3	100	3	7.5	2.4	4	4.4	4.4	8	22,5	/
	7417015	2.5-4	100	4	7.5	2.4	4	4.4	4.4	8	22,5	
	7417028	2.5-5	100	5	9	2.4	4	6.4	6.8	8	26	
	7417029	2.5-6	100	6	9	2.4	4	6.4	6.8	8	26	
4	7406205	4-4C	100	4	9	2.7	5	6.2	7.4	8.7	25.7	..HCU4
	7406215	4-5C	100	5	9	2.7	5	6.2	7.4	8.7	25.7	
	7406225	4-6C	100	6	12	2.7	5	6.2	7.4	8.7	25.7	
	7406235	4-8C	100	8	12	2.7	5	6.2	7.4	8.7	25.7	
6	7406255	6-4C	100	4	10	3.3	5.5	6.2	7	10.7	27.7	..HCU6
	7406265	6-5C	100	5	13	3.3	5.5	8	9	10.7	31.5	
	7406275	6-6C	100	6	13	3.3	5.5	8	9	10.7	31.5	
	7406285	6-8C	100	8	13	3.3	5.5	8	9	10.7	31.5	
	7406260	6-10C	100	10	14.5	3.3	5.5	9	10	10.5	34	
10	7406306	10-4CT	100	4	11	4.3	6.8	6.2	6.6	13.7	32.2	..HCU10
	7406316	10-5CT	100	5	11	4.3	6.8	6.2	6.6	13.7	32.2	
	7406326	10-6CT	100	6	11	4.3	6.8	6.2	6.6	13.7	32.2	
	7406336	10-8CT	100	8	14	4.3	6.8	8.2	10.6	13.7	36.7	
	7406346	10-10CT	100	10	14	4.3	6.8	8.2	10.6	13.7	36.7	
16	7406386	16-5CT	100	5	12	5.3	8	6	7	14.7	34	..HCU16
	7406396	16-6CT	100	6	12	5.3	8	6	7	14.7	34	
	7406406	16-8CT	100	8	16	5.3	8	8	11	14.7	39	
	7406416	16-10CT	100	10	16	5.3	8	8	11	14.7	39	
	7406426	16-12CT	100	12	17	5.3	8	9.2	13.4	12.5	40.7	
25	7406466	25-6CT	50	6	13	6.6	9.5	7	9	14.6	37.6	..HCU25
	7406476	25-8CT	50	8	16	6.6	9.5	9	11	14.6	41.6	
	7406486	25-10CT	50	10	16	6.6	9.5	9	11	14.6	41.6	
	7406496	25-12CT	50	12	17.5	6.6	9.5	9	11	14.6	41.6	
35	7406536	35-6CT	50	6	15	7.9	11	9	10	16.5	43.5	..HCU35
	7406546	35-8CT	50	8	17	7.9	11	9	10	16.5	43.5	
	7406556	35-10CT	50	10	17	7.9	11	9	10	16.5	43.5	
	7406566	35-12CT	50	12	18.5	7.9	11	9	10	16.5	43.5	
50	7406606	50-6CT	50	6	18	9.2	12.5	7	9	18.5	43.5	..HCU50
	7406616	50-8CT	50	8	18	9.2	12.5	10	14	18.5	51	
	7406626	50-10CT	50	10	18	9.2	12.5	10	14	18.5	51	
	7406636	50-12CT	50	12	19	9.2	12.5	10	14	18.5	51	
70	7406676	70-8CT	50	8	21	11	15	10	14	20	55.5	..HCU70
	7406686	70-10CT	50	10	21	11	15	10	14	20	55.5	
	7406696	70-12CT	50	12	21	11	15	10	14	20	55.5	



Conductor size
(mm²)



Packing



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

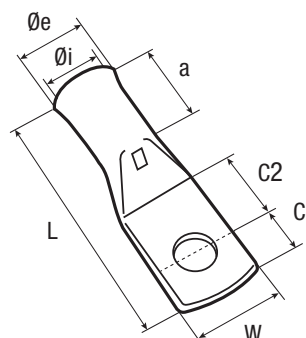
Copper Tubular Lugs from 95 to 630 mm²



General features

- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Bell entry from 10 mm².
- ✓ Straight entry on request. remove "T" from part number.

Other holes on request.



 mm ²	Item code	Part No.		 Ø mm	W	Ø i	Ø e	C1	C2	a	L	
95	7406756	95-8CT	25	8	24	13.1	17	13.5	15.5	27.5	67.5	..HCU95
	7406766	95-10CT	25	10	24	13.1	17	13.5	15.5	27.5	67.5	
	7406776	95-12CT	25	12	24	13.1	17	13.5	15.5	27.5	67.5	
	7406786	95-14CT	25	14	24	13.1	17	13.5	15.5	27.5	67.5	
	7406796	95-16CT	25	16	24	13.1	17	13.5	15.5	27.5	67.5	
120	7406846	120-10CT	25	10	28	14.5	19	13	17	32.5	75.5	..HCU120
	7406856	120-12CT	25	12	28	14.5	19	13	17	32.5	75.5	
	7406866	120-14CT	25	14	28	14.5	19	13	17	32.5	75.5	
	7406876	120-16CT	25	16	28	14.5	19	13	17	32.5	75.5	
150	7406946	150-12CT	10	12	30	16.2	21	15	15	31.5	74.5	..HCU150
	7406956	150-14CT	10	14	30	16.2	21	17	17	31.5	78.5	
	7406966	150-16CT	10	16	30	16.2	21	17	17	31.5	78.5	
185	7407016	185-12CT	10	12	33	18	23	15	15	35.5	81.5	..HCU185
	7407026	185-14CT	10	14	33	18	23	17	17	35.5	85.5	
	7407036	185-16CT	10	16	33	18	23	17	17	35.5	85.5	
240	7407096	240-12CT	10	12	37	20.6	26	17	17	39.5	89.5	..HCU240
	7407106	240-14CT	10	14	37	20.6	26	19	19	39.5	93.5	
	7407116	240-16CT	10	16	37	20.6	26	19	19	39.5	93.5	
	7407126	240-20CT	10	20	37	20.6	26	20	20	39.5	95.5	
300	7407176	300-14CT	10	14	41	23	28	19	19	41	95.5	..HCU300
	7407186	300-16CT	10	16	41	23	28	19	19	41	95.5	
	7407196	300-18CT	10	18	41	23	28	20	20	41	97.5	
	7407206	300-20CT	10	20	41	23	28	20	20	41	97.5	
400	7407246	400-16CT	10	16	47	26	32	20	25	43	110.5	..HCU400
	7407256	400-18CT	10	18	47	26	32	20	25	43	110.5	
	7407266	400-20CT	10	20	47	26	32	20	25	43	110.5	
500	7407306	500-16CT	10	16	56	29.2	39.5	21	30	53	127	..HCU500
	7407316	500-18CT	10	18	56	29.2	39.5	21	30	53	127	
	7407326	500-20CT	10	20	56	29.2	39.5	21	30	53	127	
	7407336	500-22CT	10	22	56	29.2	39.5	21	30	53	127	
630	7407376	630-16CT	10	16	61	33.5	42	27	34	60	149	..HCU630
	7407396	630-18CT	10	18	61	33.5	42	27	34	60	149	



Conductor size (mm²)



Packing



Stud size



Type of dies

Unless otherwise stated, all dimensions are in millimeters.



Copper Tubular Lugs bent at 90° from 4 to 70 mm²

General features

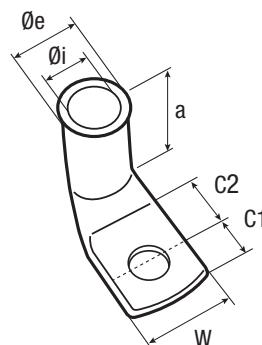
- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Bell entry from 10 mm².
- ✓ Straight entry on request, remove "T" from part number.

Other holes on request.

C 90E
Series

Compliant
NF C
20-130

CT 90E
Series



 mm ²	Item code	Part No.		 Ø mm	W	Ø i	Ø e	C1	C2	a	
4	7406209	4-4C90E	100	4	9	2.7	5	6.2	6.8	9	..HCU4
	7406219	4-5C90E	100	5	9	2.7	5	6.2	6.8	9	
	7406229	4-6C90E	100	6	12	2.7	5	6.2	6.8	9	
	7406238	4-8C90E	100	8	12	2.7	5	6.2	6.8	9	
6	7406258	6-4C90E	50	4	10	3.3	5.5	6.2	6.5	11	..HCU6
	7406268	6-5C90E	50	5	13	3.3	5.5	8	8.5	11	
	7406278	6-6C90E	50	6	13	3.3	5.5	8	8.5	11	
	7406288	6-8C90E	50	8	13	3.3	5.5	8	8.5	11	
10	7406309	10-4CT90E	50	4	11	4.3	6.8	6	6.5	13.7	..HCU10
	7406319	10-5CT90E	50	5	11	4.3	6.8	6	6.5	13.7	
	7406328	10-6CT90E	50	6	11	4.3	6.8	6	6.5	13.7	
	7406339	10-8CT90E	50	8	14	4.3	6.8	8	10.5	13.7	
	7406349	10-10CT90E	50	10	14	4.3	6.8	8	10.5	13.7	
16	7406388	16-5CT90E	50	5	12	5.3	8	6	6.5	14.7	..HCU16
	7406398	16-6CT90E	50	6	12	5.3	8	6	6.5	14.7	
	7406408	16-8CT90E	50	8	16	5.3	8	8	10.5	14.7	
	7406418	16-10CT90E	50	10	16	5.3	8	8	10.5	14.7	
	7406428	16-12CT90E	50	12	17	5.3	8	9	13.5	12.5	
25	7406468	25-6CT90E	50	6	13	6.6	9.5	7	8.5	14.6	..HCU25
	7406478	25-8CT90E	50	8	16	6.6	9.5	9	10.5	14.6	
	7406488	25-10CT90E	50	10	16	6.6	9.5	9	10.5	14.6	
	7406498	25-12CT90E	50	12	17.5	6.6	9.5	9	10.5	14.6	
35	7406539	35-6CT90E	50	6	15	7.9	11	9	10.5	16.5	..HCU35
	7406549	35-8CT90E	50	8	17	7.9	11	9	10.5	16.5	
	7406558	35-10CT90E	50	10	17	7.9	11	9	10.5	16.5	
	7406570	35-12CT90E	50	12	18.5	7.9	11	9	10.5	16.5	
50	7406608	50-6CT90E	50	6	18	9.2	12.5	7	8.5	18.5	..HCU50
	7406618	50-8CT90E	50	8	18	9.2	12.5	10	13.5	18.5	
	7406629	50-10CT90E	50	10	18	9.2	12.5	10	13.5	18.5	
	7406638	50-12CT90E	50	12	19	9.2	12.5	10	13.5	18.5	
70	7406678	70-8CT90E	50	8	21	11	15	10	13.5	20.5	..HCU70
	7406688	70-10CT90E	50	10	21	11	15	10	13.5	20.5	
	7406698	70-12CT90E	50	12	21	11	15	10	13.5	20.5	



Conductor size
(mm²)



Packing



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

Copper Tubular Lugs bent at 90° from 95 to 630 mm²



General features

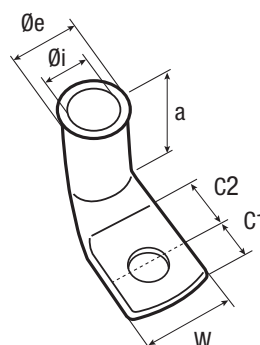
- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Bell entry.
- ✓ Straight entry on request, remove "T" from part number.

Other holes on request.

C 90E
Series

Compliant
NF C
20-130

CT 90E
Series



 mm ²	Item code	Part No.		 mm	W	Ø i	Ø e	C1	C2	a	
95	7406754	95-8CT90E	25	8	24	13.1	17	13.5	15	27.5	..HCU95
	7406770	95-10CT90E	25	10	24	13.1	17	13.5	15	27.5	
	7406778	95-12CT90E	25	12	24	13.1	17	13.5	15	27.5	
	7406788	95-14CT90E	25	14	24	13.1	17	13.5	15	27.5	
	7406799	95-16CT90E	25	16	24	13.1	17	13.5	15	27.5	
120	7406849	120-10CT90E	25	10	28	14.5	19	13	16	32.5	..HCU120
	7406858	120-12CT90E	25	12	28	14.5	19	13	16	32.5	
	7406868	120-14CT90E	25	14	28	14.5	19	13	16	32.5	
	7406879	120-16CT90E	25	16	28	14.5	19	13	16	32.5	
150	7406949	150-12CT90E	10	12	30	16.2	21	15	14.5	31.5	..HCU150
	7406957	150-14CT90E	10	14	30	16.2	21	17	16.5	31.5	
	7406969	150-16CT90E	10	16	30	16.2	21	17	16.5	31.5	
185	7407018	185-12CT90E	10	12	33	18	23	15	14.5	35.5	..HCU185
	7407027	185-14CT90E	10	14	33	18	23	17	16.5	35.5	
	7407038	185-16CT90E	10	16	33	18	23	17	16.5	35.5	
240	7407098	240-12CT90E	10	12	37	20.6	26	17	16	39.5	..HCU240
	7407108	240-14CT90E	10	14	37	20.6	26	19	18	39.5	
	7407118	240-16CT90E	10	16	37	20.6	26	19	18	39.5	
	7407145	240-20CT90E	10	20	37	20.6	26	20	19	39.5	
300	7407177	300-14CT90E	10	14	41	23	28	19	17.5	41	..HCU300
	7407188	300-16CT90E	10	16	41	23	28	19	17.5	41	
	7407197	300-18CT90E	10	18	41	23	28	20	18.5	41	
	7407210	300-20CT90E	10	20	41	23	28	20	18.5	41	
400	7407248	400-16CT90E	10	16	47	26	32	20	23.5	43	..HCU400
	7407249	400-18CT90E	10	18	47	26	32	20	23.5	43	
	7407267	400-20CT90E	10	20	47	26	32	20	23.5	43	
500	7407308	500-16CT90E	10	16	56	29.2	39.5	21	27	53	..HCU500
	7407318	500-18CT90E	10	18	56	29.2	39.5	21	27	53	
	7407328	500-20CT90E	10	20	56	29.2	39.5	21	27	53	
	7407329	500-22CT90E	10	22	56	29.2	39.5	21	27	53	
630	7407378	630-16CT90E	10	16	61	33.5	42	27	30	60	..HCU630
	7407398	630-18CT90E	10	18	61	33.5	42	27	30	60	



Conductor size
(mm²)



Packing



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



Copper Parallel and Butt Connectors

General features

Butt connectors from 1.5 to 630 mm²

- ✓ Electrolytic tinning process.
- ✓ Bell entry from 6 mm² and inspection hole with cable stopper.
- ✓ Straight entry series on request, remove "T" from part number.

Parallel connectors from 1.5 to 240 mm²

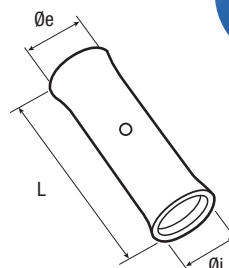
- ✓ Tin-plated copper.
- ✓ Funnel entry.



MJ Series

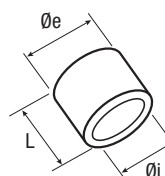
Compliant
NF C 20-130

MP Series



Butt connectors from 1.5 to 630 mm²

 mm ²	Item code	Part No.		Ø i	Ø e	L	
1.5	7431001	MJ1,5	100	1.8	3.3	14.5	
2.5	7431113	MJ2,5	100	2.4	4	14.5	
4	7431225	MJ4C	100	2.7	5	19	..HCU4
6	7431236	MJ6CT	100	3.3	5.5	24	..HCU6
10	7431246	MJ10CT	100	4.3	6.8	29	..HCU10
16	7431256	MJ16CT	100	5.3	8	34	..HCU16
25	7431266	MJ25CT	50	6.6	9.5	34	..HCU25
35	7431276	MJ35CT	50	7.9	11	34	..HCU35
50	7431286	MJ50CT	50	9.2	12.5	44	..HCU50
70	7431306	MJ70CT	50	11	15	49	..HCU70
95	7431316	MJ95CT	25	13.1	17	55	..HCU95
120	7431326	MJ120CT	25	14.5	19	59	..HCU120
150	7431336	MJ150CT	10	16.2	21	65	..HCU150
185	7431346	MJ185CT	10	18	23	74	..HCU185
240	7431354	MJ240CT	10	20.6	26	79	..HCU240
300	7431366	MJ300CT	10	23	28	89	..HCU300
400	7431376	MJ400CT	10	26	32	99	..HCU400
500	7431384	MJ500CT	10	29.2	39.5	119	..HCU500
630	7431387	MJ630CT	10	33.5	42	120	..HCU630



Parallel connectors from 1.5 to 240 mm²

 mm ²	Item code	Part No.		Ø i	Ø e	L	
1.5	7430501	MP1,5	100	1.6	3.2	7	
2.5	7430511	MP2,5	100	2.3	3.9	7	
4 - 6	7430531	MP6	100	3.6	5.6	7	..HCU6
10	7430541	MP10	100	4.5	6.7	10	..HCU10
16	7430551	MP16	100	5.8	8.2	11	..HCU16
25	7430561	MP25	50	7.5	10.5	14	..HCU35
35	7430571	MP35	50	9	12.2	16	..HCU50
50	7430581	MP50	50	11	14.6	16	..HCU70
70	7430601	MP70	50	13.1	17	19	..HCU95
95	7430611	MP95	25	14.5	19	20	..HCU120
120	7430621	MP120	25	16.2	21	20	..HCU150
150	7430631	MP150	25	18	23	20	..HCU185
185	7430641	MP185	10	20.6	26	28	..HCU240
240	7430651	MP240	10	23	28	31	..HCU300



Conductor size (mm²)



Packing



Type of dies

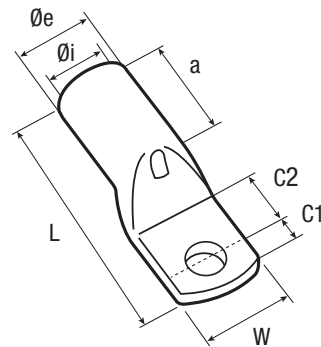
Unless otherwise stated, all dimensions are in millimeters.



General features

This type of lug with narrow palm allows fast and direct connection to electrical equipment with compact space.

- ✓ Material: tin-plated copper.
- ✓ Funnel entry.
- ✓ In compliance with NF C 20-130.
- ✓ Crimping tools identical to those for standard copper tubular lugs "C" or "CT" type.



mm²



Item code



Part No.



Ø mm

W

Ø i

Ø e

C1

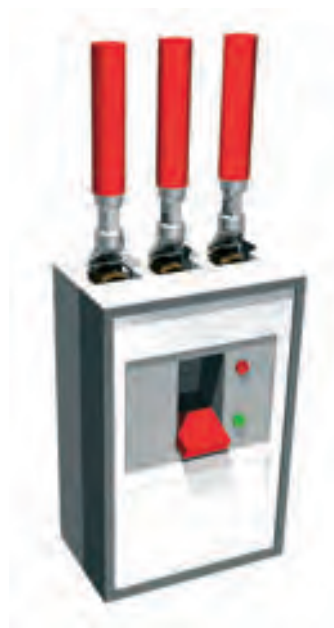
C2

a

L



	Item code	Part No.		Ø mm	W	Ø i	Ø e	C1	C2	a	L	
95	7404022	95-8PE	25	8	21	13.1	17	10	15	28	64	..HCU95
95	7404021	95-10PE	25	10	21	13.1	17	10	15	28	64	..HCU95
120	7404030	120-8PE	25	8	24.5	14.5	19	10	15	26	64	..HCU120
120	7404031	120-10PE	25	10	24.5	14.5	19	10	15	26	64	..HCU120
150	7404042	150-8PE	10	8	24.5	16.2	21	10	15	30	67	..HCU150
150	7404041	150-10PE	10	10	24.5	16.2	21	10	15	30	67	..HCU150
185	7404051	185-10PE	10	10	24.5	18	23	10	15	39	77	..HCU185
240	7404061	240-10PE	10	10	31.5	20.6	26	10	15	39	79	..HCU240
240	7404063	240-12PE	10	12	31.5	20.6	26	14	15	39	83	..HCU240
240	7404066	240-14PE	10	12	31.5	20.6	26	14	15	39	83	..HCU240
300	7404071	300-10PE	10	10	31.5	23	28	10	15	41	83	..HCU300
300	7404072	300-12PE	10	12	31.5	23	28	17	17	41	92	..HCU300



Conductor size (mm²)



Packing



Stud size



Type of dies

Unless otherwise stated, all dimensions are in millimeters.



Two hole Nema spacing copper tubular lugs

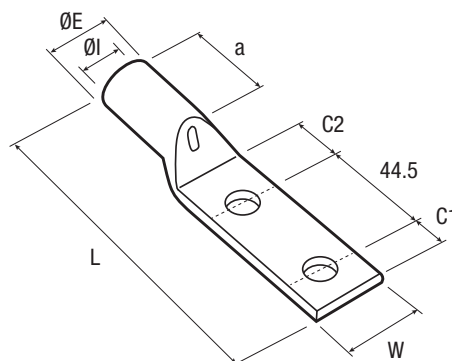
General features

- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Funnel entry.

NEMA
Series

Compliant
NF C
20-130

Note: other distances between the two holes are available on request.



Item
code

Part
No.



W

Ø i

Ø e

C1

C2

a

L



mm ²	Item code	Part No.		W	Ø i	Ø e	C1	C2	a	L	
16	7406440	16-12-45C	100	17	5.3	8	16.25	21.25	15	103	..HCU16
25	7406520	25-12-45C	50	18	6.6	9.5	16.25	21.25	15	105	..HCU25
35	7406590	35-12-45C	50	19	7.9	11	16.25	21.25	17	108	..HCU35
50	7406660	50-12-45C	50	20	9.2	12.5	16.25	21.25	19	111	..HCU50
70	7406704	70-12-45CPC	100	21	11	15	10.75	11.25	22	98.5	..HCU70
95	7406810	95-12-45C	25	24	13.1	17	16.25	21.25	28	121	..HCU95
120	7406860	120-12-45C	50	28	14.5	19	16.25	21.25	33	130	..HCU120
150	7406943	150-12-45C	25	30	16.2	21	16.75	17.25	32	124.5	..HCU150
150	7406958	150-14-45C	25	30	16.2	21	16.75	17.25	32	124.5	..HCU150
185	7407010	185-12-45C	25	33	18	23	16.75	19	36	134	..HCU185
185	7407028	185-14-45C	25	33	18	23	16.75	19	36	134	..HCU185
240	7407101	240-12-45C	25	37	20.6	26	18.75	20.25	40	140.5	..HCU240
300	7407171	300-12-45C	10	41	23	28	19	21	41.5	145.5	..HCU300
400	7407230	400-12-45C	10	47	26	32	20	25	43.5	155.5	..HCU400
400	7407231	400-14-45C	10	47	26	32	20	25	43.5	155.5	..HCU400
500	7407290	500-12-45C	6	56	29.2	39.5	21	30.5	53	172	..HCU500
630	7407361	630-12-45C	6	61	33.5	42	27	60.5	61	195	..HCU630



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

Copper Tubular Lugs from 4 to 70 mm²



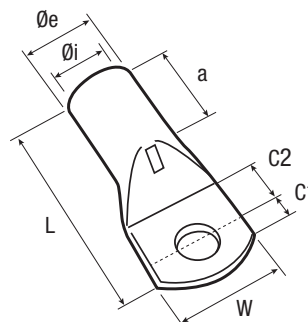
General features

- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Funnel entry.



Note: the conductor sizes of the flexible cables mentioned in this table are given for information only, you should always check, considering the different compounds of these cables.

Note: for lugs bent at 45° or 90°, add the suffix 45E or 90E to the part number (example: CU50-12-90E).



Rigid / Flexible



Item code



Part No.



Ø mm

W Ø i Ø e C1 C2 a L



Rigid / Flexible	5 mm											
	mm ²	Item code	Part No.	Stud size	W	Ø i	Ø e	C1	C2	a	L	
4 - 6	7365055	CU6-3	100	3	9.4	3.3	5	6.5	7	9	26	..ECU6
	7365065	CU6-3,5	100	3.5	9.4	3.3	5	6.5	7	9	26	
	7365075	CU6-4	100	4	9.4	3.3	5	6.5	7	9	26	
	7365090	CU6-5	100	5	9.4	3.3	5	6.5	7	9	26	
	7365105	CU6-6	100	6	11	3.3	5	6.5	7	9	26	
	7365120	CU6-8	100	8	11	3.3	5	6.5	7	9	26	
10	7365150	CU10-4	100	4	11	4.6	6.8	4	4.3	9.5	23.5	..ECU10
	7365165	CU10-5	100	5	11	4.6	6.8	5	5.3	9.5	25.5	
	7365180	CU10-6	100	6	11	4.6	6.8	6	6.3	9.5	27.5	
	7365195	CU10-8	100	8	15	4.6	6.8	8	8.3	9.5	31.5	
	7365210	CU10-10	100	10	15	4.6	6.8	10	10.3	9.5	35.5	
	7365225	CU10-12	100	12	17	4.6	6.8	11.5	12.8	9.5	39.5	
16	7365250	CU16-4	100	4	12	5.8	8	4	4.3	11	25.5	..ECU16
	7365265	CU16-5	100	5	12	5.8	8	5	5.3	11	27.5	
	7365280	CU16-6	100	6	12	5.8	8	6	6.3	11	29.5	
	7365295	CU16-8	100	8	16	5.8	8	8	8.3	11	33.5	
	7365310	CU16-10	100	10	16	5.8	8	10	10.3	11	37.5	
	7365325	CU16-12	100	12	17	5.8	8	9.2	13	13.5	41	
25	7365350	CU25-4	50	4	14	7	9.5	4	4.3	11.5	27	..ECU25
	7365365	CU25-5	50	5	14	7	9.5	5	5.3	11.5	29	
	7365380	CU25-6	50	6	14	7	9.5	6	6.3	11.5	31	
	7365395	CU25-8	50	8	18	7	9.5	8	8.3	11.5	35	
	7365410	CU25-10	50	10	18	7	9.5	10	10.3	11.5	39	
	7365425	CU25-12	50	12	18	7	9.5	11.5	12.8	11.5	43	
35 - 25	7365440	CU25-14	50	14	23	7	9.5	17	18.3	11.5	54	..ECU35
	7365475	CU35-5	50	5	17	8.9	11.8	5	5.3	14	33	
	7365490	CU35-6	50	6	17	8.9	11.8	6	6.3	14	35	
	7365505	CU35-8	50	8	17	8.9	11.8	8	8.3	14	39	
	7365520	CU35-10	50	10	19	8.9	11.8	10	10.3	14	43	
	7365535	CU35-12	50	12	19	8.9	11.8	11.5	12.8	14	47	
50 - 35	7365575	CU50-6	50	6	19	10	13	6	6.3	17	39	..ECU50
	7365590	CU50-8	50	8	19	10	13	8	8.3	17	43	
	7365605	CU50-10	50	10	19	10	13	10	10.3	17	47	
	7365620	CU50-12	50	12	22	10	13	11.5	12.8	17	51	
	7365635	CU50-14	50	14	22	10	13	14	14.3	17	55	
	7365650	CU50-16	50	16	25	10	13	15	16.3	17	58	
70 - 50	7365675	CU70-6	50	6	22	11.3	14.6	8	8.3	19	46	..ECU70
	7365690	CU70-8	50	8	22	11.3	14.6	8	8.3	19	46	
	7365705	CU70-10	50	10	22	11.3	14.6	10	10.3	19	50	
	7365720	CU70-12	50	12	22	11.3	14.6	11.5	12.8	19	54	
	7365735	CU70-14	50	14	26	11.3	14.6	14	14.3	19	58	
	7365750	CU70-16	50	16	26	11.3	14.6	15	16.3	19	61	



Conductor size (mm²)



Packing



Stud size



Type of dies

Unless otherwise stated, all dimensions are in millimeters.



Copper Tubular Lugs from 95 to 400 mm²

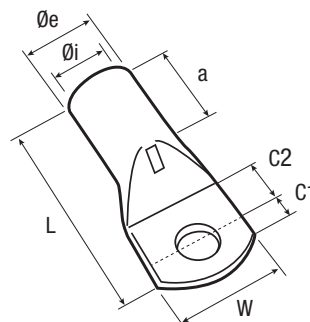
General features

- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Funnel entry.



Note: the conductor sizes of the flexible cables mentioned in this table are given for information only, you should always check, considering the different compounds of these cables.

Note: for lugs bent at 45° or 90°, add the suffix 45E or 90E to the part number (example: CU50-12-90E).



Rigid / Flexible



Item code



Part No.



Ø mm

W

Ø i

Ø e

C1

C2

a

L



					W	Ø i	Ø e	C1	C2	a	L	
95 - 70	7365800	CU95-6	25	6	26	13.5	17.5	8	8.3	21	50	..ECU95
	7365815	CU95-8	25	8	26	13.5	17.5	8	8.3	21	50	
	7365830	CU95-10	25	10	26	13.5	17.5	10	10.3	21	54	
	7365845	CU95-12	25	12	26	13.5	17.5	11.5	12.8	21	58	
	7365860	CU95-14	25	14	26	13.5	17.5	14	14.3	21	62	
	7365875	CU95-16	25	16	30	13.5	17.5	15	16.3	21	65	
120 - 95	7365890	CU95-20	25	20	30	13.5	17.5	20	20.3	21	74	..ECU120
	7365925	CU120-8	25	8	30	15.2	19.7	10	10.3	23	57	
	7365940	CU120-10	25	10	30	15.2	19.7	10	10.3	23	57	
	7365955	CU120-12	25	12	30	15.2	19.7	11.5	12.8	23	61	
	7365970	CU120-14	25	14	30	15.2	19.7	14	14.3	23	65	
	7365985	CU120-16	25	16	30	15.2	19.7	15	16.3	23	68	
150 - 120	7366000	CU120-20	25	20	32	15.2	19.7	20	20.3	23	77	..ECU150
	7366050	CU150-8	10	8	32	16.7	21.5	13	14.3	26	68	
	7366065	CU150-10	10	10	32	16.7	21.5	13	14.3	26	68	
	7366080	CU150-12	10	12	32	16.7	21.5	14	15.3	26	70	
	7366095	CU150-14	10	14	32	16.7	21.5	16	17.3	26	74	
	7366110	CU150-16	10	16	32	16.7	21.5	17	18.3	26	76	
185 - 150	7366125	CU150-20	10	20	32	16.7	21.5	20	21.3	26	82	..ECU185
	7366175	CU185-8	10	8	36	19	24.5	13	14.3	28	76	
	7366190	CU185-10	10	10	36	19	24.5	13	14.3	28	76	
	7366205	CU185-12	10	12	36	19	24.5	14	15.3	28	78	
	7366220	CU185-14	10	14	36	19	24.5	16	17.3	28	82	
	7366235	CU185-16	10	16	36	19	24.5	17	18.3	28	84	
240 - 185	7366250	CU185-20	10	20	36	19	24.5	20	21.3	28	90	..ECU240
	7366300	CU240-8	10	8	40	21	27.3	13	14.3	33	83	
	7366315	CU240-10	10	10	40	21	27.3	13	14.3	33	83	
	7366330	CU240-12	10	12	40	21	27.3	14	15.3	33	85	
	7366345	CU240-14	10	14	40	21	27.3	16	17.3	33	89	
	7366360	CU240-16	10	16	40	21	27.3	17	18.3	33	91	
300 - 240	7366375	CU240-20	10	20	40	21	27.3	20	21.3	33	97	..ECU300
	7366455	CU300-12	5	12	44	23.7	30.7	14	20	40	99	
	7366470	CU300-14	5	14	44	23.7	30.7	18	20	40	103	
	7366485	CU300-16	5	16	44	23.7	30.7	19	21	40	105	
	7366500	CU300-20	5	20	44	23.7	30.7	22	24	40	111	
	7366580	CU400-12	5	12	51	27	35	18	20	42	110	..ECU400
400 - 300	7366595	CU400-14	5	14	51	27	35	18	20	42	110	
	7366610	CU400-16	5	16	51	27	35	19	21	42	112	
	7366625	CU400-20	5	20	51	27	35	22	24	42	118	



Conductor size (mm²)



Packing



Stud size



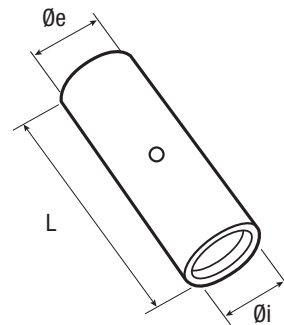
Type of dies

Unless otherwise stated, all dimensions are in millimeters.



General features

- ✓ Electrolytic tin-plating process.
- ✓ Other plating on request.
- ✓ Funnel entry.



mm²

Rigid / Flexible



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	Item code	Part No.		Ø i	Ø e	L	
4 - 6	7434891	CUM6	100	3.6	5.2	22	..ECU6
10	7434901	CUM10	100	4.6	6.8	25	..ECU10
16	7434911	CUM16	100	5.8	8	27	..ECU16
25	7434921	CUM25	50	7	9.5	29	..ECU25
35 - 25	7434931	CUM35	50	8.9	11.8	33	..ECU35
50 - 35	7434941	CUM50	50	10	13	37	..ECU50
70 - 50	7434951	CUM70	50	11.3	14.6	39	..ECU70
95 - 70	7434961	CUM95	25	13.5	17.5	43	..ECU95
120 - 95	7434971	CUM120	25	15.2	19.7	47	..ECU120
150 - 120	7434981	CUM150	10	16.7	21.5	58	..ECU150
185 - 150	7434991	CUM185	10	19	24.5	64	..ECU185
240 - 185	7435001	CUM240	10	21	27.3	75	..ECU240
300 - 240	7435011	CUM300	10	23.7	30.7	90	..ECU300
400 - 300	7435021	CUM400	5	27	35	94	..ECU400



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



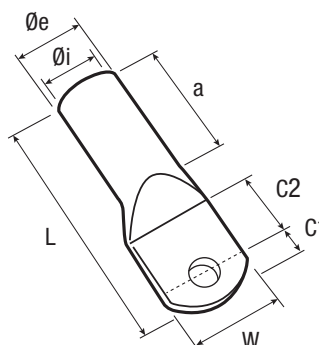
Copper Tubular Lugs from 6 to 95 mm²

General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ For non tin-plated lugs, remove « TN » from part number.

YCA...
Series

Compliant
DIN
46235



mm ²	Item code	Part No.		Ø mm	W	Ø i	Ø e	C1	C2	a	L	
6	7362001	YCA06M5TN	100	5	8.5	3.8	5.5	8	8	10	32	..K5
	7362011	YCA06M6TN	100	6	8.5	3.8	5.5	8	8	10	32	
	7362021	YCA06M8TN	100	8*	13	3.8	5.5	11	9	10	32	
10	7362031	YCA010M5TN	100	5	9	4.5	6	8	8	10	35	..K6
	7362041	YCA010M6TN	100	6	9	4.5	6	8	8	10	35	
	7362051	YCA010M8TN	100	8*	13	4.5	6	10	10	10	39	
16	7362061	YCA016M6TN	100	6	13	5.5	8.5	10	10	20	46	..K8
	7362071	YCA016M8TN	100	8	13	5.5	8.5	10	10	20	46	
	7362081	YCA016M10TN	100	10	17	5.5	8.5	13	13	20	49	
	7362091	YCA016M12TN	100	12*	18	5.5	8.5	12	12	20	48	
25	7362101	YCA025M6TN	100	6	14	7	10	10	10	20	48	..K10
	7362111	YCA025M8TN	100	8	16	7	10	10	10	20	48	
	7362121	YCA025M10TN	100	10	17	7	10	13	13	20	51	
	7362131	YCA025M12TN	100	12	19	7	10	13	13	20	51	
35	7362141	YCA035M6TN	50	6*	17	8.2	12.5	13	13	20	55	..K12
	7362151	YCA035M8TN	50	8	17	8.2	12.5	13	13	20	55	
	7362161	YCA035M10TN	50	10	19	8.2	12.5	13	13	20	55	
	7362171	YCA035M12TN	50	12	21	8.2	12.5	13	13	20	55	
	7362181	YCA035M14TN	50	14*	21	8.2	12.5	13	13	20	55	
50	7362191	YCA050M8TN	50	8	20	10	14.5	12	12	28	64	..K14
	7362201	YCA050M10TN	50	10	22	10	14.5	12	12	28	64	
	7362211	YCA050M12TN	50	12	24	10	14.5	16	16	28	64	
	7362221	YCA050M14TN	50	14*	24	10	14.5	16	16	28	68	
	7362231	YCA050M16TN	50	16	28	10	14.5	16	16	28	68	
70	7362241	YCA070M8TN	50	8	24	11.5	16.5	12	12	28	67	..K16
	7362251	YCA070M10TN	50	10	24	11.5	16.5	12	12	28	67	
	7362261	YCA070M12TN	50	12	24	11.5	16.5	16	16	28	71	
	7362271	YCA070M14TN	50	14*	24	11.5	16.5	16	16	28	71	
	7362281	YCA070M16TN	50	16	30	11.5	16.5	16	16	28	71	
95	7362291	YCA095M8TN	25	8*	28	13.5	19	14	13	35	79	..K18
	7362301	YCA095M10TN	25	10	28	13.5	19	14	13	35	79	
	7362311	YCA095M12TN	25	12	28	13.5	19	14	13	35	79	
	7362321	YCA095M14TN	25	14*	28	13.5	19	16	16	35	81	
	7362331	YCA095M16TN	25	16	32	13.5	19	16	16	35	81	
	7362333	YCA095M20TN	25	20*	34	13.5	19	16	16	35	81	

* Additional product similar to standard DIN 46235

Conductor size (mm²)

Packing

Stud size

Type of dies

Unless otherwise stated, all dimensions are in millimeters.

Copper Tubular Lugs from 120 to 1000 mm²

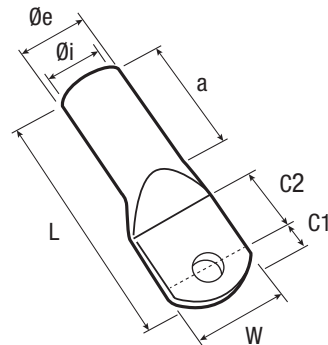
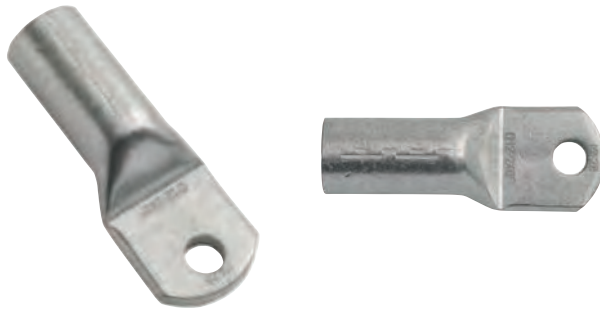


General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ For non tin-plated lugs, remove « TN » from part number.

**YCA...
Series**

**Compliant
DIN
46235**



 mm ²	 Item code	 Part No.		 Ø mm	W	Ø i	Ø e	C1	C2	a	L	
120	7362341	YCA120M10TN	25	10	32	15.5	21	13	13	35	83	..K20
	7362351	YCA120M12TN	25	12	32	15.5	21	14	13	35	84	
	7362361	YCA120M14TN	25	14*	32	15.5	21	14	13	35	84	
	7362371	YCA120M16TN	25	16	32	15.5	21	17	16	35	90	
	7362381	YCA120M20TN	25	20	38	15.5	21	20	20	35	97	
150	7362391	YCA150M10TN	25	10	34	17	23.5	13	13	35	91	..K22
	7362401	YCA150M12TN	25	12	34	17	23.5	14	13	35	92	
	7362411	YCA150M14TN	25	14*	34	17	23.5	14	13	35	92	
	7362421	YCA150M16TN	25	16	34	17	23.5	17	16	35	98	
	7362431	YCA150M20TN	25	20	40	17	23.5	20	20	35	105	
185	7362441	YCA185M10TN	25	10	37	19	25.5	13	13	40	95	..K25
	7362451	YCA185M12TN	25	12	37	19	25.5	14	13	40	96	
	7362461	YCA185M14TN	25	14*	37	19	25.5	14	13	40	96	
	7362471	YCA185M16TN	25	16	37	19	25.5	17	16	40	102	
	7362481	YCAM185M20TN	25	20	40	19	25.5	20	20	40	109	
240	7362491	YCA240M12TN	20	12	42	21.5	29	14	23	40	106	..K28
	7362501	YCA240M14TN	20	14*	42	21.5	29	14	23	40	106	
	7362511	YCA240M16TN	20	16	42	21.5	29	17	23	40	109	
	7362521	YCA240M20TN	20	20	45	21.5	29	20	23	40	112	
	7362531	YCA300M14TN	5	14*	48	24.5	32	17	20	50	117	..K32
300	7362541	YCA300M16YN	5	16	48	24.5	32	17	20	50	117	
	7362551	YCA300M20TN	5	20	48	24.5	32	20	20	50	120	
400	7362561	YCA400M14TN	5	14*	55	27.5	38.5	22	20	70	137	..K38
	7362571	YCA400M16TN	5	16	55	27.5	38.5	22	20	70	137	
	7362581	YCA400M20TN	5	20	55	27.5	38.5	22	20	70	137	
500	7362591	YCA500M16TN	2	16*	60	31	42	22	20	70	147	..K42
	7362601	YCA500M20TN	2	20	60	31	42	22	20	70	147	
625/630	7362611	YCA630M16TN	2	16*	60	34.5	44	22	20	80	157	..K44
	7362621	YCA630M20TN	2	20	60	34.5	44	22	20	80	157	
800	7362631	YCA800M20TN	2	20	75	40	52	22	20	100	187	..K52
1000	7362641	YCA1000M20TN	2	20	85	44	58	22	20	100	187	..K58

* Additional product similar to standard DIN 46235



Conductor size
(mm²)



Packing



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



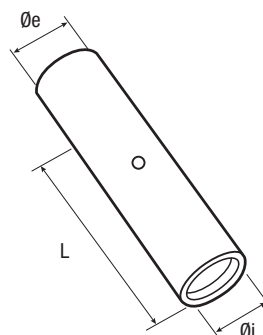
Copper Tube Splices

General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin plating process.

**YCS...
Series**

**Compliant
DIN
46267
part 1**



**Item
code**

**Part
No.**



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mm ²	Item code	Part No.	Packing	Ø i	Ø e	L	Type of dies
6	7435231	YCS06TN	100	3.8	5.5	30.0	..K5
10	7435241	YCS010TN	100	4.5	6.0	30.0	..K6
16	7435251	YCS016TN	100	5.5	8.5	50.0	..K8
25	7435261	YCS025TN	100	7.0	10.0	50.0	..K10
35	7435271	YCS035TN	50	8.2	12.5	50.0	..K12
50	7435281	YCS050TN	50	10.0	14.5	56.0	..K14
70	7435291	YCS070TN	25	11.5	16.5	56.0	..K16
95	7435301	YCS095TN	25	13.5	19.0	70.0	..K18
120	7435311	YCS120TN	15	15.5	21.0	70.0	..K20
150	7435321	YCS150TN	15	17.0	23.5	80.0	..K22
185	7435331	YCS185TN	5	19.0	25.5	85.0	..K25
240	7435341	YCS240TN	5	21.5	29.0	90.0	..K28
300	7435351	YCS300TN	3	24.5	32.0	100.0	..K32
400	7435361	YCS400TN	3	27.5	38.5	150.0	..K38
500	7435371	YCS500TN	3	31.0	42.0	160.0	..K42
625/630	7435381	YCS630TN	2	34.5	44.0	160.0	..K44
800	7435391	YCS800TN	2	40.0	52.0	200.0	..K52
1000	7435401	YCS1000TN	2	44.0	58.0	200.0	..K58



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

Copper Tubular Lugs from 6 to 95 mm²

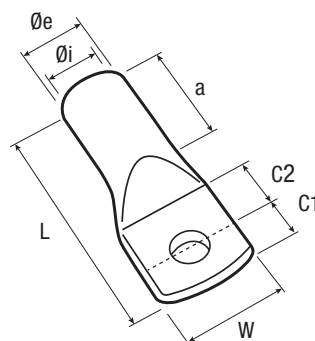


General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic plating process.
- ✓ Funnel entry.
- ✓ Other treatments upon request.
- ✓ For lugs with inspection hole, remove "SV" from part number (eg. DE25-8).



Note: for lugs bent at 45° or 90°, add 45E or 90 E to the part number (eg. DE95-10SV90E).



mm ²	Item code	Part No.		Ø mm	W	Ø i	Ø e	C1	C2	a	L	
6	7360200	DE6-4SV	100	4	10	3.5	6.5	6.8	6.5	9	26.5	..R6
	7360215	DE6-5SV	100	5	10	3.5	6.5	6.8	6.5	9	26.5	
	7360230	DE6-6SV	100	6	12	3.5	6.5	6.8	6.5	9	26.5	
	7360245	DE6-8SV	100	8	15	3.5	6.5	9.8	9.5	9	32.5	
10	7360315	DE10-5SV	100	5	12	4.5	7	6.8	6.5	10	28	..R10
	7360330	DE10-6SV	100	6	12	4.5	7	6.8	6.5	10	28	
	7360345	DE10-8SV	100	8	15	4.5	7	9.8	9.5	10	34	
	7360360	DE10-10SV	100	10	17	4.5	7	11.8	11.5	10	38	
16	7360415	DE16-5SV	100	5	12	5.5	8.5	6.8	6.5	13	31.5	..R16
	7360430	DE16-6SV	100	6	12	5.5	8.5	6.8	6.5	13	31.5	
	7360445	DE16-8SV	100	8	15	5.5	8.5	9.8	9.5	13	37.5	
	7360460	DE16-10SV	100	10	17	5.5	8.5	11.8	11.5	13	41.5	
25	7360510	DE25-5SV	50	5	14	7	10	7	7	15	35.5	..R25
	7360525	DE25-6SV	50	6	14	7	10	7	7	15	35.5	
	7360540	DE25-8SV	50	8	16	7	10	9.5	9.5	15	40.5	
	7360555	DE25-10SV	50	10	18	7	10	11.5	11.5	15	44.5	
35	7360570	DE25-12SV	50	12	19	7	10	13	13.5	15	48	..R35
	7360610	DE35-6SV	50	6	17	8.5	12	7	7	17	39	
	7360625	DE35-8SV	50	8	17	8.5	12	9.5	9.5	17	44	
	7360640	DE35-10SV	50	10	19	8.5	12	11.5	11.5	17	48	
50	7360655	DE35-12SV	50	12	21	8.5	12	13	13.5	17	51.5	..R50
	7360670	DE35-14SV	50	14	21	8.5	12	14	14.5	17	53.5	
	7360710	DE50-6SV	50	6	20	10	14	9.5	9.5	19	47	
	7360725	DE50-8SV	50	8	20	10	14	9.5	9.5	19	47	
70	7360740	DE50-10SV	50	10	20	10	14	11.5	11.5	19	51	..R70
	7360755	DE50-12SV	50	12	23	10	14	13	13.5	19	54.5	
	7360770	DE50-14SV	50	14	23	10	14	14	14.5	19	56.5	
	7360865	DE70-8SV	25	8	23	12	16.5	11.5	11.5	21	54	
95	7360880	DE70-10SV	25	10	23	12	16.5	11.5	11.5	21	54	..R95
	7360895	DE70-12SV	25	12	23	12	16.5	13	13.5	21	57.5	
	7360910	DE70-14SV	25	14	23	12	16.5	14	14.5	21	59.5	
	7360950	DE70-16SV	25	16	28	12	16.5	15.5	16	21	62.5	
95	7361000	DE95-8SV	25	8	26	13.5	18	11.5	11.5	25	59	..R95
	7361015	DE95-10SV	25	10	26	13.5	18	11.5	11.5	25	59.5	
	7361030	DE95-12SV	25	12	26	13.5	18	13	13.5	25	63	
	7361045	DE95-14SV	25	14	26	13.5	18	14	14.5	25	65	
	7361060	DE95-16SV	25	16	28	13.5	18	15.5	16	25	68	



Conductor size (mm²)



Packing



Stud size



Type of dies

Unless otherwise stated, all dimensions are in millimeters.



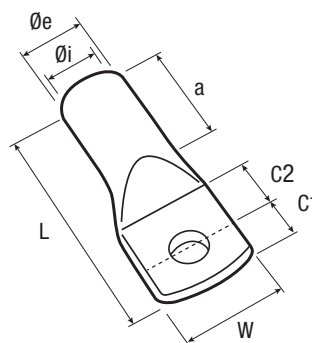
Copper Tubular Lugs from 120 to 400 mm²

General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic plating process.
- ✓ Funnel entry.
- ✓ Other treatments upon request.
- ✓ For lugs with inspection hole, remove "SV" from part number (eg. DE25-8).



Note: for lugs bent at 45° or 90°, add 45E or 90 E to the part number (eg. DE95-10SV90E).



	 mm ²	 Item code	 Part No.		 Ø mm	W	Ø i	Ø e	C1	C2	a	L	
120		7361105	DE120-8SV	20	8	28	15	19.5	13	13.5	26	65.5	..R120
		7361120	DE120-10SV	20	10	28	15	19.5	13	13.5	26	65.5	
		7361135	DE120-12SV	20	12	28	15	19.5	13	13.5	26	65.5	
		7361150	DE120-14SV	20	14	28	15	19.5	14	14.5	26	67.5	
		7361165	DE120-16SV	20	16	30	15	19.5	15.5	16	26	70.5	
150		7361205	DE150-8SV	20	8	31	16.5	21	14.5	14.5	30	73	..R150
		7361220	DE150-10SV	20	10	31	16.5	21	14.5	14.5	30	73	
		7361235	DE150-12SV	20	12	31	16.5	21	14.5	14.5	30	73	
		7361250	DE150-14SV	20	14	31	16.5	21	14.5	14.5	30	73	
		7361265	DE150-16SV	20	16	31	16.5	21	15.5	16	30	75.5	
185		7361315	DE185-10SV	10	10	35	19	24	17	18	30	81	..R185
		7361330	DE185-12SV	10	12	35	19	24	17	18	30	81	
		7361345	DE185-14SV	10	14	35	19	24	17	18	30	81	
		7361360	DE185-16SV	10	16	35	19	24	17	18	30	81	
		7361380	DE185-20SV	10	20	39	19	24	21	22	30	89	
240		7361415	DE240-10SV	10	10	39	21	26	17	18	35	88	..R240
		7361430	DE240-12SV	10	12	39	21	26	17	18	35	88	
		7361445	DE240-14SV	10	14	39	21	26	17	18	35	88	
		7361460	DE240-16SV	10	16	39	21	26	17	18	35	88	
		7361480	DE240-20SV	10	20	39	21	26	21	22	35	96	
300		7361530	DE300-12SV	5	12	43	23.5	29.5	17	18	44	99	..R300
		7361545	DE300-14SV	5	14	43	23.5	29.5	17	18	44	99	
		7361560	DE300-16SV	5	16	43	23.5	29.5	17	18	44	99	
		7361580	DE300-20SV	5	20	43	23.5	29.5	21	22	44	107	
		7361630	DE400-12SV	5	12	49	27	34	23	23	44	112	..R400
400		7361645	DE400-14SV	5	14	49	27	34	23	23	44	112	
		7361660	DE400-16SV	5	16	49	27	34	23	23	44	112	
		7361680	DE400-20SV	5	20	49	27	34	23	23	44	112	



Conductor size (mm²)



Packing



Stud size



Type of dies

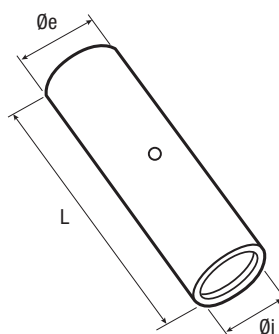
Unless otherwise stated, all dimensions are in millimeters.

Copper Butt Connector



General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Funnel entry.
- ✓ Other treatments upon request.



mm²



Item
code



Part
No.



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L



mm ²	Item code	Part No.	Packing	Ø i	Ø e	L	Type of dies
6	7435061	DEM6	100	3.5	6.5	24	..R6
10	7435071	DEM10	100	4.5	7	28	..R10
16	7435081	DEM16	100	5.5	8.5	34	..R16
25	7435091	DEM25	100	7	10	38	..R25
35	7435101	DEM35	100	8.5	12	42	..R35
50	7435111	DEM50	50	10	14	48	..R50
70	7435121	DEM70	50	12	16.5	52	..R70
95	7435131	DEM95	50	13.5	18	59	..R95
120	7435141	DEM120	50	15	19.5	62	..R120
150	7435151	DEM150	50	16.5	21	72	..R150
185	7435161	DEM185	50	19	24	72	..R185
240	7435171	DEM240	50	21	26	82	..R240
300	7435181	DEM300	25	23.5	29.5	102	..R300
400	7435191	DEM400	25	27	34	102	..R400



Conductor size
(mm²)



Packing



Type of dies

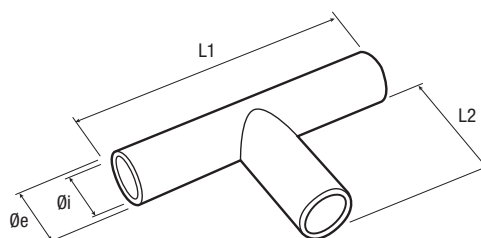
Unless otherwise stated,
all dimensions are in millimeters.



Connectors Type T

General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Funnel entry.



Item
code

Part
No.

Ø i

Ø e

L1

L2



mm ²	Item code	Part No.	Ø i	Ø e	L1	L2	
1.5	7436200	RT1.5	1.6	3.6	30	12	-
2.5	7436205	RT2.5	2.3	4.3	30	12	-
4	7436210	RT4	3	5	30	12	-
6	7436215	RT6	3.5	5.5	35	14	...R6
10	7436220	RT10	4.5	7	35	14	...R10
16	7436225	RT16	5.5	8.5	50	21	...R16
25	7436230	RT25	7	10	55	23	...R25
35	7436235	RT35	8.5	12	70	30	...R35
50	7436240	RT50	10	14	80	34	...R50
70	7436245	RT70	12	16.5	85	35	...R70
95	7436250	RT95	13.5	18	90	36	...R95
120	7436255	RT120	15	19.5	95	38	...R120
150	7436260	RT150	16.5	21	110	44	...R150
185	7436265	RT185	19	24	115	45	...R185
240	7436270	RT240	21	26	130	52	...R240
300	7436275	RT300	24	29.8	155	62	...R300
400	7436280	RT400	27.5	33.3	180	72	...R400



Conductor size
(mm²)



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

Copper Tubular Lugs for Flexible Cables from 10 to 95 mm²

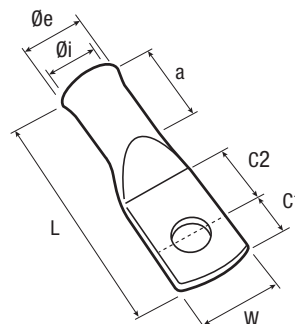


General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Bell entry.
- ✓ For lugs with inspection hole, remove "SV" from the part number (eg. DEF10-5T).

DEF-TSV Series

Compliant
IEC
61238-1



mm ²	Item code	Part No.		Ø mm	W	Ø i	Ø e	C1	C2	a	L	
10	7363001	DEF10-5TSV	100	5	12	5.6	8	6	7	12.6	32	..F10
	7363011	DEF10-6TSV	100	6	12	5.6	8	6	7	12.6	32	
	7363021	DEF10-8TSV	100	8	15	5.6	8	8	10	12.6	36	
	7363031	DEF10-10TSV	100	10	15	5.6	8	8	10	12.6	36	
16	7363051	DEF16-5TSV	50	5	13	6.6	9.5	7	9	14.6	37.6	..F16
	7363061	DEF16-6TSV	50	6	13	6.6	9.5	7	9	14.6	37.6	
	7363071	DEF16-8TSV	50	8	16	6.6	9.5	9	11	14.6	41.6	
	7363081	DEF16-10TSV	50	10	16	6.6	9.5	9	11	14.6	41.6	
25	7363091	DEF16-12TSV	50	12	17.5	6.6	9.5	9	11	14.6	41.6	..F25
	7363101	DEF25-5TSV	50	5	15	7.9	11	9	11	16.5	43.5	
	7363111	DEF25-6TSV	50	6	15	7.9	11	9	11	16.5	43.5	
	7363121	DEF25-8TSV	50	8	17	7.9	11	9	11	16.5	43.5	
35	7363131	DEF25-10TSV	50	10	17	7.9	11	9	11	16.5	43.5	..F35
	7363141	DEF25-12TSV	50	12	18.5	7.9	11	9	11	16.5	43.5	
	7363151	DEF35-6TSV	50	6	18	9.2	12.5	7	10	18.5	43.5	
	7363161	DEF35-8TSV	50	8	18	9.2	12.5	10	14	18.5	51	
50	7363171	DEF35-10TSV	50	10	18	9.2	12.5	10	14	18.5	51	..F50
	7363181	DEF35-12TSV	50	12	19	9.2	12.5	10	14	18.5	51	
	7363191	DEF35-14TSV	50	14	20.8	9.2	12.5	10	14.5	18.5	51	
	7363201	DEF50-6TSV	50	6	21	11	15	10	14	21.5	55.5	
70	7363211	DEF50-8TSV	50	8	21	11	15	10	14	21.5	55.5	..F70
	7363221	DEF50-10TSV	50	10	21	11	15	10	14	21.5	55.5	
	7363231	DEF50-12TSV	50	12	21	11	15	10	14	21.5	55.5	
	7363241	DEF50-14TSV	50	14	21	11	15	10	14	21.5	55.5	
95	7363251	DEF70-6TSV	25	6	24	13.1	17	13.5	15.5	27.5	67.5	..F95
	7363261	DEF70-8TSV	25	8	24	13.1	17	13.5	15.5	27.5	67.5	
	7363271	DEF70-10TSV	25	10	24	13.1	17	13.5	15.5	27.5	67.5	
	7363281	DEF70-12TSV	25	12	24	13.1	17	13.5	15.5	27.5	67.5	
	7363291	DEF70-14TSV	25	14	24	13.1	17	13.5	15.5	27.5	67.5	..F95
	7363301	DEF70-16TSV	25	16	24	13.1	17	13.5	15.5	27.5	67.5	
	7363311	DEF95-8TSV	25	8	28	14.5	19	13	17	32.5	75.5	
	7363321	DEF95-10TSV	25	10	28	14.5	19	13	17	32.5	75.5	
	7363331	DEF95-12TSV	25	12	28	14.5	19	13	17	32.5	75.5	..F95
	7363341	DEF95-14TSV	25	14	28	14.5	19	13	17	32.5	75.5	
	7363351	DEF95-16TSV	25	16	28	14.5	19	13	17	32.5	75.5	



Conductor size
(mm²)



Packing



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



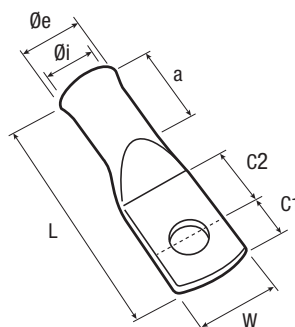
Copper Tubular Lugs for Flexible Cables from 120 to 300 mm²

General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Bell entry.
- ✓ For lugs with inspection hole, remove "SV" from the part number (eg. DEF120-8T).

**DEF-TSV
Series**

**Compliant
IEC
61238-1**



mm ²	Item code	Part No.	Ø mm	W	Ø i	Ø e	C1	C2	a	L	
120	7363361	DEF120-8TSV	8	30	16.2	21	15	15	31.5	74.5	..F120
	7363371	DEF120-10TSV	10	30	16.2	21	15	15	31.5	74.5	
	7363381	DEF120-12TSV	12	30	16.2	21	15	15	31.5	74.5	
	7363391	DEF120-14TSV	14	30	16.2	21	17	14	31.5	78.5	
	7363401	DEF120-16TSV	16	30	16.2	21	17	17	31.5	78.5	
150	7363411	DEF150-8TSV	8	33	18	23	15	15	35.5	81.5	..F150
	7363421	DEF150-10TSV	10	33	18	23	15	15	35.5	81.5	
	7363431	DEF150-12TSV	12	33	18	23	15	15	35.5	81.5	
	7363441	DEF150-14TSV	14	33	18	23	17	17	35.5	85.5	
	7363451	DEF150-16TSV	16	33	18	23	17	17	35.5	85.5	
185	7363461	DEF150-20TSV	20	33	18	23	17	17	35.5	85.5	..F185
	7363471	DEF185-10TSV	10	37	20.6	26	17	17	39.6	89.5	
	7363481	DEF185-12TSV	12	37	20.6	26	17	17	39.6	89.5	
	7363491	DEF185-14TSV	14	37	20.6	26	19	19	39.6	93.5	
	7363501	DEF185-16TSV	16	37	20.6	26	19	19	39.6	93.5	
240	7363511	DEF185-20TSV	20	37	20.6	26	20	20	39.6	95.5	..F240
	7363521	DEF240-12TSV	12	41	23	28	19	19	41	95.5	
	7363531	DEF240-14TSV	14	41	23	28	19	19	41	95.5	
	7363541	DEF240-16TSV	16	41	23	28	19	19	41	95.5	
	7363551	DEF240-20TSV	20	41	23	28	20	20	41	97.5	
300	7363561	DEF300-12TSV	12	47	26	32	20	25	43	111	..F300
	7363571	DEF300-14TSV	14	47	26	32	20	25	43	111	
	7363581	DEF300-16TSV	16	47	26	32	20	25	43	111	
	7363591	DEF300-20TSV	20	47	26	32	20	25	43	111	



Conductor size (mm²)



Packing



Stud size



Type of dies

Unless otherwise stated, all dimensions are in millimeters.

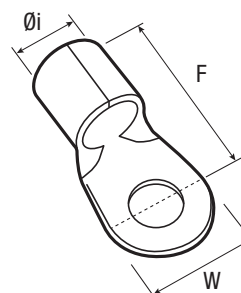
Non-insulated Silver Brazed Terminals

from 0.25 to 70 mm²



General features

✓ Material: tin-plated electrolytic copper.



mm²
Rigid / Flexible



Item code



Part No.



Ø mm

W

F

Ø i



	Item code	Part No.		Ø mm	W	F	Ø i	
0.25 / 1.5	7380000	MB1,5-3	100	3	5.5	9.8	1.7	Tool MB524
	7380001	MB1,5-4	100	4	8	11.8	1.7	
	7380002	MB1,5-5	100	5	8	11.8	1.7	
	7380003	MB1,5-6	100	6	11.6	15.8	1.7	
	7380004	MB1,5-8	100	8	11.6	15.8	1.7	
1 / 2.5	7380005	MB2,5-3	100	3	6.6	9.6	2.3	Tool MB524
	7380006	MB2,5-4	100	4	8.5	12.6	2.3	
	7380021	MB2,5-5 S	100	5	8.5	12.6	2.3	
	7380007	MB2,5-5	100	5	9.5	12.1	2.3	
	7380008	MB2,5-6	100	6	12	15.8	2.3	
4 / 6	7380009	MB2,5-8	100	8	12	15.8	2.3	..MUJ6-8
	7380028	MB6-3,5	100	3,5	7.2	12.1	3.4	
	7380014	MB6-4	100	4	9.5	15.1	3.4	
	7380015	MB6-5	100	5	9.5	15.1	3.4	
	7380016	MB6-6	100	6	12	19	3.4	
6 / 10	7380017	MB6-8	100	8	15	19.5	3.4	..MUJ6-8
	7380018	MB6-10	100	10	15	19.5	3.4	
	7380012	MB8-4	100	4	12	17.8	4.5	
	7380011	MB8-5	100	5	12	17.8	4.5	
	7380010	MB8-6	100	6	12	17.8	4.5	
10 / 16	7380020	MB8-8	100	8	15	22.3	4.5	..MUJ14...
	7380030	MB8-10	100	10	15	22.3	4.5	
	7380035	MB8-12	100	12	20	23.5	4.5	
	7380041	MB14-5	100	5	12	23.8	5.8	
	7380040	MB14-6	100	6	12	23.8	5.8	
25-35 / 16-26	7380050	MB14-8	100	8	16	24.7	5.8	..MUJ22...
	7380060	MB14-10	100	10	16	24.7	5.8	
	7380070	MB14-12	100	12	22	30.3	5.8	
	7380080	MB22-6	50	6	16.5	25.5	7.7	
	7380090	MB22-8	50	8	16.5	25.5	7.7	
50 / 26-42	7380100	MB22-10	50	10	16.5	25.5	7.7	..MUJ38...
	7380110	MB22-12	50	12	22	31.7	7.7	
	7380131	MB38-6	50	6	15.3	31.4	9.4	
	7380130	MB38-8 S	50	8	15.3	31.4	9.4	
	7380125	MB38-8	50	8	22	31.7	9.4	
70 / 42-60	7380140	MB38-10 S	50	10	15.3	31.4	9.4	..MUJ60...
	7380148	MB38-10	50	10	22	31.7	9.4	
	7380150	MB38-12	50	12	22	31.7	9.4	
	7380169	MB60-6	50	6	22	38.7	11.4	
	7380170	MB60-8	50	8	22	38.7	11.4	
	7380180	MB60-10	50	10	22	38.7	11.4	
	7380190	MB60-12	50	12	22	38.7	11.4	
	7380200	MB60-14	50	14	32	41.5	11.4	
	7380201	MB60-16	50	16	32	41.5	11.4	



Nominal section
(mm²)



Packing



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

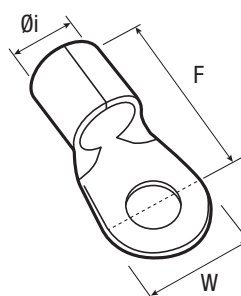


Non-insulated Silver Brazed Terminals

from 95 to 185 mm²

General features

✓ Material: tin-plated electrolytic copper.



mm²
Rigid / Flexible

Item
code

Part
No.



Ø mm

W

F

Ø i



	Item code	Part No.		Ø mm	W	F	Ø i	
95 / 60-78	7380210	MB70-8	50	8	24	38	13.3	..MUJ70...
	7380220	MB70-10	50	10	24	38	13.3	
	7380230	MB70-12	50	12	24	38	13.3	
	7380240	MB70-14	50	14	32	44	13.3	
	7380241	MB70-16	50	16	32	44	13.3	
120 / 78-96	7380250	MB80-8	25	8	27	40.7	14.5	..MUJ80...
	7380260	MB80-10	25	10	27	40.7	14.5	
	7380270	MB80-12	25	12	27	40.7	14.5	
	7380280	MB80-14	25	14	32	52	14.5	
	7380285	MB80-16	25	16	32	52	14.5	
150 / 96-120	7380290	MB100-10	25	10	28.5	41.4	16.4	..MUJ100...
	7380300	MB100-12	25	12	28.5	41.4	16.4	
	7380310	MB100-14	25	14	32	52	16.4	
	7380320	MB100-16	25	16	32	52	16.4	
	7380325	MB100-18	25	18	32	52	16.4	
185 / 117-150	7380330	MB100-20	25	20	32	52	16.4	..MUJ150
	7380340	MB150-10	10	10	36	50	19.5	
	7380350	MB150-12	10	12	36	50	19.5	
	7380360	MB150-14	10	14	36	50	19.5	
	7380370	MB150-16	10	16	36	50	19.5	
	7380375	MB150-18	10	18	36	63	19.5	
	7380380	MB150-20	10	20	36	63	19.5	



Nominal section
(mm²)



Packing



Stud size



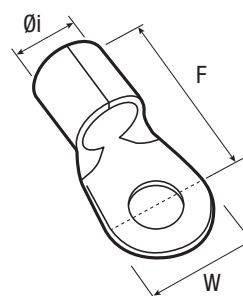
Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



General features

✓ Material: tin-plated electrolytic copper.



 mm ²	 Item code	 Part No.		 Ø mm	W	F	Ø i	
0.5 - 1.5	7385300	BY1M32D	100	3	6	11	1.6	Tool MB524
	7385301	BY1M37D	100	3.5	6	11	1.6	
	7385302	BY1M43D	100	4	8	12	1.6	
	7385303	BY1M53D	100	5	8	12.5	1.6	
	7385304	BY1M65D	100	6	11	15	1.6	
1.5 - 2.5	7385306	BY25M32D	100	3	6	11	2.3	Tool MB524
	7385307	BY25M37D	100	3.5	6	11	2.3	
	7385308	BY25M43D	100	4	8	12	2.3	
	7385309	BY25M53D	100	5	8	13.5	2.3	
	7385310	BY25M65D	100	6	10	14	2.3	
2.5 - 6	7385311	BY25M84D	100	8	11	16	2.3	Tool MB526
	7385313	BY6M43D	100	4	8	14	3.6	
	7385314	BY6M53D	100	5	10	15	3.6	
	7385315	BY6M65D	100	6	11	16	3.6	
	7385316	BY6M84D	100	8	14	19	3.6	
10	7385317	BY6M105D	100	10	18	21	3.6	..DMB10
	7385318	BY5-10	100	5	10	16	4.5	
	7385319	BY6-10	100	6	11	17	4.5	
	7385320	BY8-10	100	8	14	20	4.5	
	7385321	BY10-10	100	10	18	21	4.5	
16	7385322	BY12-10	100	12	22	23	4.5	..DMB16
	7385323	BY5-16	100	5	11	20	5.8	
	7385324	BY6-16	100	6	11	20	5.8	
	7385325	BY8-16	100	8	14	22	5.8	
	7385326	BY10-16	100	10	18	24	5.8	
25	7385327	BY12-16	100	12	22	26	5.8	..DMB25
	7385328	BY6-25	100	6	12	25	7.5	
	7385329	BY8-25	100	8	16	25	7.5	
	7385330	BY10-25	100	10	18	26	7.5	
	7385331	BY12-25	100	12	22	31	7.5	
35	7385332	BY6-35	100	6	15	26	9.4	..DMB35
	7385333	BY8-35	100	8	16	26	9.4	
	7385334	BY10-35	100	10	18	27	9.4	
	7385335	BY12-35	100	12	22	31	9.4	
	7385336	BY16-35	100	16	28	32	9.4	
50	7385337	BY6-50	50	6	18	34	11	..DMB50
	7385338	BY8-50	50	8	18	34	11	
	7385339	BY10-50	50	10	18	34	11	
	7385340	BY12-50	50	12	22	36	11	
	7385341	BY16-50	50	16	28	40	11	



Nominal section (mm²)



Packing



Stud size



Type of dies

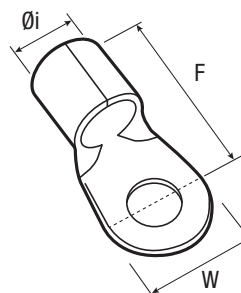
Unless otherwise stated, all dimensions are in millimeters.



Non-insulated Silver Brazed Terminals

General features

✓ Material: tin-plated electrolytic copper.



 mm ²	Item code	Part No.		 Ø mm	W	F	Ø i	
70	7385343	BY8-70	50	8	22	38	13	..DMB70
	7385344	BY10-70	50	10	22	38	13	
	7385345	BY12-70	50	12	22	38	13	
	7385346	BY16-70	50	16	28	42	13	
95	7385348	BY10-95	25	10	24	42	15	..DMB95
	7385349	BY12-95	25	12	24	42	15	
	7385350	BY16-95	25	16	28	44	15	
120	7385352	BY10-120	25	10	24	44	16.4	C6DMB120
	7385353	BY12-120	25	12	24	44	16.4	
	7385354	BY16-120	25	16	28	48	16.4	
150	7385355	BY10-150	25	10	30	50	19	upon request
	7385356	BY12-150	25	12	30	50	19	
	7385357	BY16-150	25	16	30	50	19	
185	7385359	BY12-185	25	12	36	50	21	upon request
	7385360	BY16-185	25	16	36	50	21	
240	7385362	BY12-240	10	12	38	56	23.5	upon request
	7385363	BY16-240	10	16	38	56	23.5	



Nominal section
(mm²)



Packing



Stud size



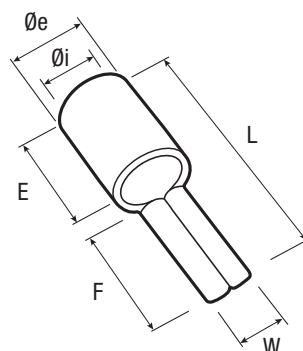
Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



General features

- ✓ Material: tin-plated copper.
- ✓ Brazed barrel.



mm²

Item
code



x3

Part
No.

W

F

L

E

Ø i

Ø e



mm ²	Item code	x3	Part No.	W	F	L	E	Ø i	Ø e	
6 - 10	7380450		BY10W13D	4.3	14	22	8	4.5	6.9	..DMB10
10 - 16	7380451		BY16W17D	5.5	16	26	10	5.8	8.4	..DMB16
16 - 25	7380452		BY25W17D	6.8	20	33.5	13.5	7	9.5	..DMB25
25 - 35	7380453		BY35W23D	8	24.5	40.5	16	8.4	11.8	..DMB35
35 - 50	7380454		BY50W23D	9.5	26	45	19	9.6	13.6	..DMB50
50 - 70	7380455		BY70W26D	11	31	55	24	11.4	15.8	..DMB70
70 - 95	7380427		BY95W26D	12.5	31	55	24	13.5	18.9	..DMB95



Nominal section
(mm²)



Packing



Stud size



Type of dies

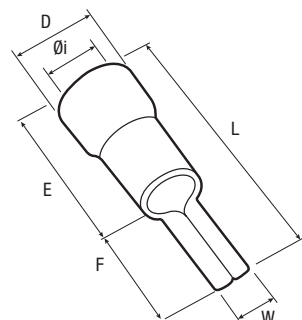
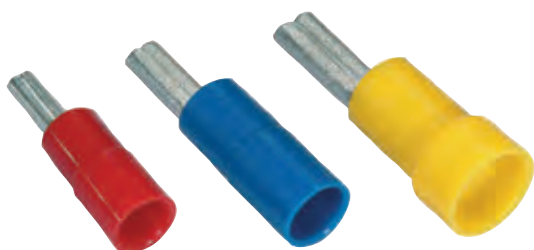
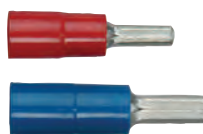
Unless otherwise stated,
all dimensions are in millimeters.



Insulated Brazen Pins

General features

- ✓ Material: tin-plated copper.
- ✓ Insulation sleeve: polyamide.
- ✓ "Easy entry" conical entry.
- ✓ Brazen barrel.



mm²



x100 /Box

Part No.

	Item code	Part No.	W	F	L	E	Ø i	D
● 10	7380407	EPR10-12	4.3	12	34	20	4.5	7.8
● 16	7380408	EPR16-13	5.5	13	40.7	24.7	5.8	10.8
● 25	7380409	EPR25-15	6.8	15	44	24	7	12.4
● 35	7380411	EPR35-20	8	20	52.5	28	8.4	14
● 50	7380412	EPR50-20	9.5	20	59	33	9.6	15.5



Conductor size
(mm²)



Packing

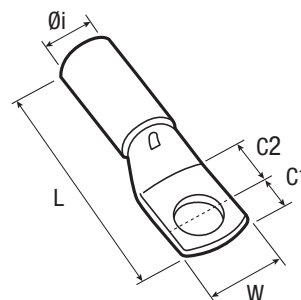
Unless otherwise stated,
all dimensions are in millimeters.

Preinsulated Copper Tubular Lugs for Flexible Cables



General features

- ✓ Material: tin-plated copper.
- ✓ Insulation sleeve: nylon.



PR-CU
Series



mm ²	Item code	Part No.		Ø mm	Ø mm	W	L	Ø i	C1	C2	
10	7391010	PR10-4CU	100	8	4	11	34.5	4.6	5.3	3.8	MY286
	7391020	PR10-5CU	100		5	11	36.5		6.3	4.8	
	7391030	PR10-6CU	100		6	11	38.5		7.3	5.8	
	7391040	PR10-8CU	100		8	15	42.5		9.3	7.8	
	7391050	PR10-10CU	100		10	15	46.5		11.3	9.8	
16	7391100	PR16-4CU	100	9.4	4	12	38	5.8	5.3	3.8	
	7391110	PR16-5CU	100		5	12	40		6.3	4.8	
	7391120	PR16-6CU	100		6	12	42		7.3	5.8	
	7391130	PR16-8CU	100		8	16	46		9.3	7.8	
	7391140	PR16-10CU	100		10	16	50		11.3	9.8	
25	7391150	PR16-12CU	100	11.5	12	17	53.5		14.3	8.9	
	7391160	PR25-4CU	100		4	14	41.5	7	5.3	3.8	
	7391170	PR25-5CU	100		5	14	43.5		6.3	4.8	
	7391180	PR25-6CU	100		6	14	45.5		7.3	5.8	
	7391190	PR25-8CU	100		8	18	49.5		9.3	7.8	
	7391200	PR25-10CU	100		10	18	53.5		11.3	9.8	
	7391210	PR25-12CU	100		12	18	57.5		13.8	11.3	
35	7391220	PR25-14CU	100	14	14	23	68.5		19.3	16.8	
	7391230	PR35-5CU	50		5	17	48.5	8.9	6.3	4.8	
	7391240	PR35-6CU	50		6	17	50.5		7.3	5.8	
	7391250	PR35-8CU	50		8	17	54.5		9.3	7.8	
	7391260	PR35-10CU	50		10	19	58.5		11.3	9.8	
	7391270	PR35-12CU	50		12	19	62.5		13.8	11.3	
50	7391280	PR35-14CU	50	15.5	14	23	66.5		15.3	13.8	
	7391290	PR50-6CU	50		6	19	57	10	7.3	5.8	
	7391300	PR50-8CU	50		8	19	61		9.3	7.8	
	7391310	PR50-10CU	50		10	19	65		11.3	9.8	
	7391320	PR50-12CU	50		12	22	69		13.8	11.3	
	7391330	PR50-14CU	50		14	22	73		15.3	13.8	
70	7391340	PR50-16CU	50	18	16	25	76		17.3	14.8	
	7391350	PR70-6CU	25		6	22	67	11.3	9.3	7.8	
	7391360	PR70-8CU	25		8	22	67		9.3	7.8	
	7391370	PR70-10CU	25		10	22	71		11.3	9.8	
	7391380	PR70-12CU	25		12	22	75		13.8	11.3	
	7391390	PR70-14CU	25		14	26	79		15.3	13.8	
95	7391400	PR70-16CU	25	20	16	26	82		17.3	14.8	
	7391410	PR95-6CU	25		6	26	71.5	13.5	9.3	7.8	
	7391420	PR95-8CU	25		8	26	71.5		9.3	7.8	
	7391430	PR95-10CU	25		10	26	75.5		11.3	9.8	
	7391440	PR95-12CU	25		12	26	79.5		13.8	11.3	
	7391450	PR95-14CU	25		14	26	83.5		15.3	13.8	
	7391460	PR95-16CU	25		16	30	86.5		17.3	14.8	
120	7391470	PR95-18CU	25	23	18	30	95.5		21.3	19.8	
	7391480	PR95-20CU	25		20	30	95.5		21.3	19.8	
	7390525	PR120-8F	20		8	31	95	17	14	14	
	7390526	PR120-10F	20		10	31	95		14	14	
	7390527	PR120-12F	20		12	31	98		16	14	
	7390528	PR120-14F	20		14	31	98		16	15	
	7390529	PR120-16F	20		16	31	98		16	15	



Conductor size
(mm²)



Packing



Cable insulation
max Ø



Stud size



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



Aluminium-Copper Lugs Hexagonal Compression Type

General features

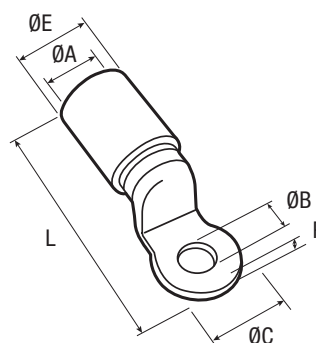
- ✓ Application on industrial networks.
- ✓ Friction welded aluminium-copper lugs.
- ✓ Aluminium barrel is covered inside with contact grease.
- ✓ Crimping by hexagonal compression.

ICAU Series

Compliant
NF C 63-061
Class B

ICAU-C Series

from
page 231

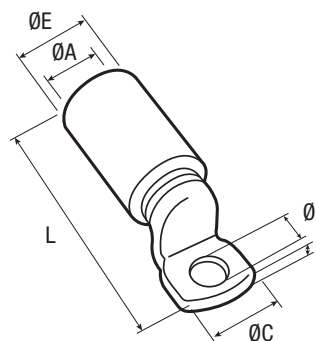


Range with ring tongue terminals

 mm² Aluminium	 x3	 Part No.	Ø A	Ø E	Ø C	Ø B	L	P	
35		7585011 ICAU35	8	16	16.5	8.4	56	4.5	..E140
50		7585021 ICAU50	9	16	16.5	8.4	56	4.5	..E140
70		7585031 ICAU70	11	20	20	10.5	65.5	5	..E173
95		7585041 ICAU95	12.5	20	20	10.5	65.5	5	..E173
120		7585051 ICAU120	13.7	20	20	10.5	65.5	5	..E173
150		7585062 ICAU150	15.5	27	30	12.8	84	6	..E235
185		7585072 ICAU185	17	27	30	12.8	84	6	..E235
240		7585082 ICAU240	19.5	27	30	12.8	84	6	..E235
300		7585092 ICAU300	23.3	32	36	14.6	98	7	..X260

Range with narrow tongue terminals

 mm² Aluminium	 x3	 Part No.	Ø A	Ø E	Ø C	Ø B	L	P	
150		7586050 ICAUC150M10	15.5	27	25	10.5	83	6	..E235
		7586051 ICAUC150M12				12.8			
185		7586060 ICAUC185M10	17	27	25	10.5	83	6	...E235
		7586061 ICAUC185M12				12.8			
240		7586070 ICAUC240M10	19.5	27	30	10.5	85	7	..E235
		7586071 ICAUC240M12				12.8			
300		7586080 ICAUC300M10	23.3	32	30	10.5	93	7	..X260
		7586081 ICAUC300M14				14.5			



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

Aluminium-Copper Terminal Ends

Deep Indent Crimping

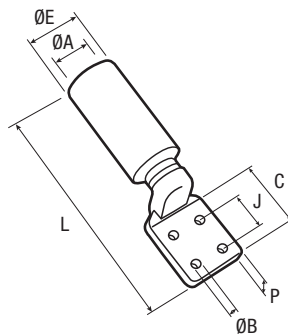


General features

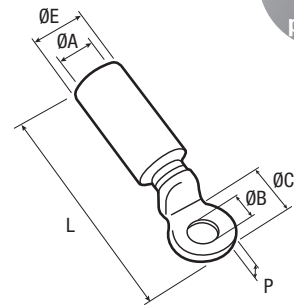
- ✓ Friction welded aluminium-copper terminal ends.
- ✓ The aluminium barrel, closed by a protection cap, is covered inside with neutral grease for a better electrical contact.
- ✓ Crimping by deep indent.

C-AU Series

Compliant NF C 33-090-1



Tongue from C0 AU 16 to C5 AU 400



Tongue from C6 AU 500 to C8 AU 1300

mm ²	Item code	x3	Part No.	Ø A	Ø E	Ø C	Ø B	J	L	P	Dies	Punches
16	7580011		C0AU16	5.5	16	20	10.5	-	79	4.5	..MC0E	0E
25	7580021		C0AU25	6.5	16	20	10.5	-	79	4.5	..MC0E	0E
35	7580031		C0AU35	8	16	25	12.8	-	86	5	..MC0E	0E
50	7580041		C1AU50	9	20	25	12.8	-	86	5	..MC1E	1E
70	7580051		C1AU70	11	20	25	12.8	-	86	5	..MC1E	1E
95	7580061		C1AU95	12.5	20	25	12.8	-	86	5	..MC1E	1E
120	7580071		C2AU120	13.7	25	30	12.8	-	110	6	..MC2E	2E
150	7580081		C2AU150	15.5	25	30	12.8	-	110	6	..MC2E	2E
185	7580091		C4AU185	17	32	30	12.8	-	110	6	..MC4E	4E
240	7580101		C4AU240	19.5	32	30	12.8	-	110	6	..MC4E	4E
300	7580111		C5AU300	23.3	40	36	16.5	-	153	7	..MC5E	5E
400	7580121		C5AU400	26	40	36	16.5	-	153	7	..MC5E	5E
500	7580131		C6AU500	29.1	47	60 x 60	4 Ø 9	30	200	10	..MC6E	6E
630	7580141		C6AU630	32.5	47	60 x 60	4 Ø 9	30	200	10	..MC6E	6E
800	7580171		C7AU800	37.5	60	80 x 80	4 Ø 11	40	260	10	..MC7E	7E
1 000	7580181		C7AU1000	42	60	80 x 80	4 Ø 11	40	260	10	..MC7E	7E
1 200	7580191		C8AU1200	45.5	65	80 x 80	4 Ø 11	40	270	10	..MC8E	8E
1 300	7580201		C8AU1300	47.5	65	80 x 80	4 Ø 11	40	270	10	..MC8E	8E



Conductor size (mm²)



Packing



Type of dies

Unless otherwise stated, all dimensions are in millimeters.



Aluminium-Copper Angle Terminal End

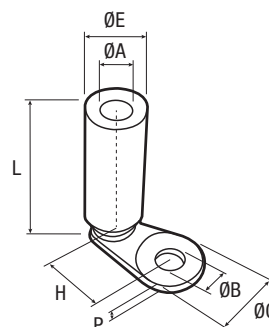
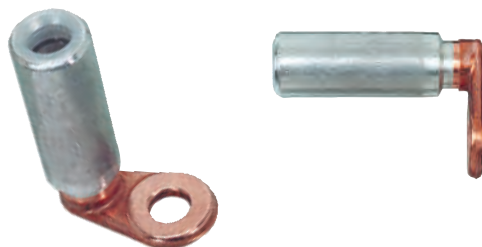
Deep Indent Crimping

General features

- ✓ Friction welded aluminium-copper terminal ends.
- ✓ The aluminium barrel, closed by a protection cap, is covered inside with neutral grease for a better electrical contact.
- ✓ Crimping by deep indent.

Q-AU
Series

Compliant
NF C
33-090-1



Part
No.

Ø A Ø E Ø C Ø B L P H



Dies Punches

mm ²	Item code	x3	Part No.	Ø A	Ø E	Ø C	Ø B	L	P	H	Dies	Punches
25	7581011		Q0AU25	6.5	16	20	10.5	62	4.5	23	..MC0E	0E
35	7581021		Q0AU35	8	16	25	12.8	62	4.5	23	..MC0E	0E
50	7581031		Q1AU50	9	20	25	12.8	62	5	23	..MC1E	1E
70	7581041		Q1AU70	11	20	25	12.8	62	5	23	..MC1E	1E
95	7581051		Q1AU95	12.5	20	25	12.8	62	5	23	..MC1E	1E
120	7581061		Q2AU120	13.7	25	30	12.8	81	6	28	..MC2E	2E
150	7581071		Q2AU150	15.5	25	30	12.8	81	6	28	..MC2E	2E
185	7581081		Q4AU185	17	32	30	12.8	81	7	34	..MC4E	4E
240	7581091		Q4AU240	19.5	32	30	12.8	81	7	34	..MC4E	4E



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

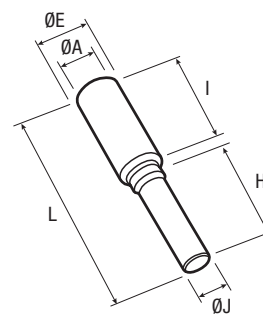


General features

- ✓ Friction welded aluminium-copper terminal ends.
- ✓ The aluminium barrel, closed by a protection cap, is covered inside with neutral grease for a better electrical contact.
- ✓ Crimping by deep indent.



Products on request



mm ²	Item code	x3	Part No.	Ø A	Ø E	Ø J	I	H	L	Dies	Punches
16	7583001		E0AU16	5.5	16	8	47.5	30	82	..MC0E	0E
25	7583011		E0AU25	6.5	16	8	47.5	30	82	..MC0E	0E
35	7583021		E0AU35	8	16	8	47.5	30	82	..MC0E	0E
50	7583031		E1AU50	9	20	12	47.5	45	97	..MC1E	1E
70	7583041		E1AU70	11	20	12	47.5	45	97	..MC1E	1E
95	7583051		E1AU95	12.5	20	12	47.5	45	97	..MC1E	1E
120	7583061		E2AU120	13.7	25	14	64	55	125	..MC2E	2E
150	7583071		E2AU150	15.5	25	14	64	55	125	..MC2E	2E
185	7583081		E4AU185	17	32	14	64	55	125	..MC4E	4E
240	7583091		E4AU240	19.5	32	14	64	55	125	..MC4E	4E



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



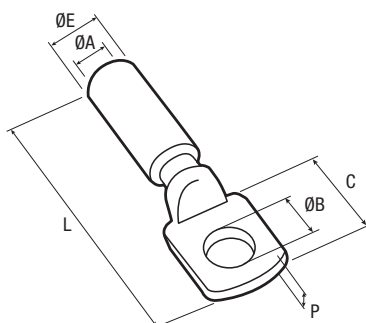
Aluminium Terminal Ends Deep Indent Crimping

General features

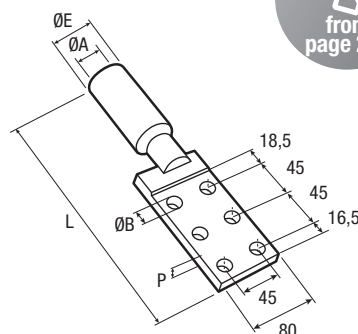
- ✓ Massive aluminium terminal ends for the connection of aluminium cables on aluminium device terminals.
- ✓ The aluminium barrel, closed by a protection cap, is covered inside with neutral grease for a better electrical contact.
- ✓ Crimping by deep indent.

C-A Series

Compliant NF C 33-090-1



Tongue from C0 AU 25 to C5 A 400



Tongue from C6 A 500 to C8 A 1300

 mm²	 Item code	 x3	 Part No.	Ø A	Ø E	C	Ø B	L	P	 Dies	 Punches
25	7581511		C0A25	6.5	16	33 x 32	13	90	6.8	..MC0E	0E
35	7581521		C0A35	8	16	33 x 32	13	90	6.8	..MC0E	0E
50	7581531		C1A50	9	20	33 x 32	16	101	6.8	..MC1E	1E
70-75	7581541		C1A70	11	20	33 x 32	16	101	6.8	..MC1E	1E
95	7581551		C1A95	12.5	20	33 x 32	16	101	6.8	..MC1E	1E
120	7581561		C2A120	13.7	25	37 x 37	16	121	10	..MC2E	2E
150	7581571		C2A150	15.5	25	37 x 37	16	121	10	..MC2E	2E
185	7581581		C4A185	17	32	39 x 39	16	121	12	..MC4E	4E
240	7581591		C4A240	19.5	32	39 x 39	16	121	12	..MC4E	4E
300	7581601		C5A300	23.3	40	39 x 39	16.5	170	13.8	..MC5E	5E
400	7581611		C5A400	26	40	39 x 39	16.5	170	13.8	..MC5E	5E
500	7581621		C6A500	29.1	47	125 x 80	6 Ø 16.5	275	15	..MC6E	6E
630	7581631		C6A630	32.5	47	125 x 80	6 Ø 16.5	275	15	..MC6E	6E
800	7581641		C7A800	37.5	60	125 x 80	6 Ø 16.5	310	15	..MC7E	7E
1 000	7581651		C7A1000	42	60	125 x 80	6 Ø 16.5	310	15	..MC7E	7E
1 200	7581661		C8A1200	45.5	65	125 x 80	6 Ø 16.5	340	15	..MC8E	8E
1 300	7581671		C8A1300	47.5	65	125 x 80	6 Ø 16.5	340	15	..MC8E	8E



Conductor size (mm²)



Packing



Type of dies

Unless otherwise stated, all dimensions are in millimeters.

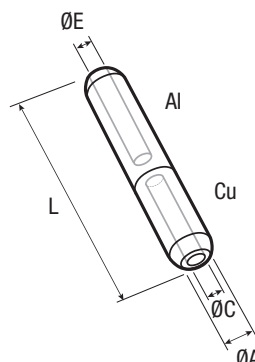


General features

- ✓ These butt connectors enable the connection between an aluminium cable and a copper cable.
- ✓ Bimetal butt connectors, covered inside with neutral grease on the aluminium side, the ends closed by a protection cap.
- ✓ These butt connectors are packaged in a plastic bag of 3 pieces with the compound necessary for the filling up of the punching cells.
- ✓ Crimping by deep indent on the aluminium side and by hexagonal compression on the copper side.

RJ-AU Series

Compliant NF C 33-090-1



mm ²		Item code	x3	Part No.	Ø A	Ø E	Ø C	L	Aluminium		Copper
Aluminium	Copper								Dies	Punches	Dies
25	16	7582198		RJ0AU25-16	16	5.5	6.3	91	..MJ0E	0E	E140
50	35	7582201		RJ1AU50-35	20	9	8.5	106.5	..MJ1E	1E	E173
50	50	7582211		RJ1AU50-50	20	9	9.2	106.5	..MJ1E	1E	E173
50	70	7582221		RJ1AU50-70	20	9	11	106.5	..MJ1E	1E	E173
50	95	7582231		RJ1AU50-95	20	9	13	106.5	..MJ1E	1E	E173
50	120	7582241		RJ1AU50-120	20	9	14.2	106.5	..MJ1E	1E	E173
70	35	7582251		RJ1AU70-35	20	11	8.5	106.5	..MJ1E	1E	E173
70	50	7582261		RJ1AU70-50	20	11	9.2	106.5	..MJ1E	1E	E173
70	70	7582271		RJ1AU70-70	20	11	11	106.5	..MJ1E	1E	E173
70	95	7582281		RJ1AU70-95	20	11	13	106.5	..MJ1E	1E	E173
70	120	7582291		RJ1AU70-120	20	11	14.2	106.5	..MJ1E	1E	E173
95	50	7582301		RJ1AU95-50	20	12.5	9.2	106.5	..MJ1E	1E	E173
95	70	7582311		RJ1AU95-70	20	12.5	11	106.5	..MJ1E	1E	E173
95	95	7582321		RJ1AU95-95	20	12.5	13	106.5	..MJ1E	1E	E173
95	120	7582331		RJ1AU95-120	20	12.5	14.2	106.5	..MJ1E	1E	E173
120	50	7582341		RJ2AU120-50	25	13.7	9.2	133	..MJ2E	2E	E215
120	70	7582351		RJ2AU120-70	25	13.7	11	133	..MJ2E	2E	E215
120	95	7582361		RJ2AU120-95	25	13.7	13	133	..MJ2E	2E	E215
120	120	7582371		RJ2AU120-120	25	13.7	14.2	133	..MJ2E	2E	E215
120	185	7582391		RJ2AU120-185	25	13.7	18	133	..MJ2E	2E	E215
150	50	7582401		RJ2AU150-50	25	15.5	9.2	133	..MJ2E	2E	E215
150	70	7582411		RJ2AU150-70	25	15.5	11	133	..MJ2E	2E	E215
150	95	7582421		RJ2AU150-95	25	15.5	13	133	..MJ2E	2E	E215
150	120	7582431		RJ2AU150-120	25	15.5	14.2	133	..MJ2E	2E	E215
150	150	7582441		RJ2AU150-150	25	15.5	16	133	..MJ2E	2E	E215
150	185	7582451		RJ2AU150-185	25	15.5	18	133	..MJ2E	2E	E215
185	70	7582461		RJ4AU185-70	32	17	11	143.5	..MJ4E	4E	E280
185	120	7582481		RJ4AU185-120	32	17	14.2	143.5	..MJ4E	4E	E280
185	185	7582501		RJ4AU185-185	32	17	18	143.5	..MJ4E	4E	E280
185	240	7582511		RJ4AU185-240	32	17	20	143.5	..MJ4E	4E	E280
240	70	7582531		RJ4AU240-70	32	19.5	11	143.5	..MJ4E	4E	E280
240	95	7582541		RJ4AU240-95	32	19.5	13	143.5	..MJ4E	4E	E280
240	120	7582551		RJ4AU240-120	32	19.5	14.2	143.5	..MJ4E	4E	E280
240	150	7582561		RJ4AU240-150	32	19.5	16	143.5	..MJ4E	4E	E280
240	185	7582571		RJ4AU240-185	32	19.5	18	143.5	..MJ4E	4E	E280
240	240	7582581		RJ4AU240-240	32	19.5	20	143.5	..MJ4E	4E	E280
240	300	7582591		RJ4AU240-300	32	19.5	23.3	143.5	..MJ4E	4E	E280



Conductor size (mm²)



Packing



Type of dies

Unless otherwise stated, all dimensions are in millimeters.



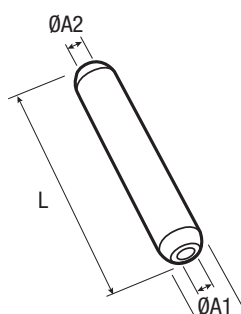
Aluminium Junction Butt Connectors

General features

- ✓ Equal sections.
- ✓ Aluminium junction butt connectors, covered inside with neutral grease on the aluminium side, the ends closed by a protection cap.
- ✓ These junction butt connectors are packaged in a plastic bag of 3 pieces with the compound necessary for the filling up of the punching cells.
- ✓ Crimping by deep indent.

**RJ-A
Series**

**Compliant
NF C
33-090-1**



 mm²	 x3	 Part No.	Ø A	Ø E	L	 Dies	 Punches
16		RJ0A16	5.5	16	91	..MJ0E	0E
25		RJ0A25	6.5	16	91	..MJ0E	0E
35		RJ0A35	8	16	91	..MJ0E	0E
50		RJ1A50	9	20	107	..MJ1E	1E
70		RJ1A70	11	20	107	..MJ1E	1E
95		RJ1A95	12.5	20	107	..MJ1E	1E
120		RJ2A120	13.7	25	133.5	..MJ2E	2E
150		RJ2A150	15.5	25	133.5	..MJ2E	2E
185		RJ4A185	17	32	144	..MJ4E	4E
240		RJ4A240	19.5	32	144	..MJ4E	4E
300		RJ5A300	23.3	40	218.5	..MJ5E	5E
400		RJ5A400	26	40	218.5	..MJ5E	5E
500		RJ6A500	29.1	47	219	..MJ6E	6E
630		RJ6A630	32.5	47	219	..MJ6E	6E



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.

Aluminium Reduction Butt Connectors

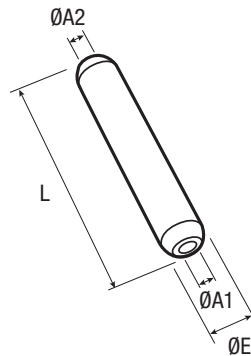


General features

- ✓ Unequal sections.
- ✓ Aluminium reduction butt connectors, covered inside with neutral grease on the aluminium side, the ends closed by a protection cap.
- ✓ These reduction butt connectors are packaged in a plastic bag of 3 pieces with the compound necessary for the filling up of the punching cells.
- ✓ Crimping by deep indent.

**RJ-A
Series**

**Compliant
NF C
33-090-1**



mm ²		Item code	x3	Part No.	Ø A1	Ø A2	Ø E	L	Dies	Punches
35	25	7582001		RJ0A35-25	8	6.5	16	90	..MJ0E	0E
50	25	7582011		RJ1A50-25	9	6.5	20	107	..MJ1E	1E
50	35	7582021		RJ1A50-35	9	8	20	107	..MJ1E	1E
70	35	7582031		RJ1A70-35	11	8	20	107	..MJ1E	1E
70	50	7582041		RJ1A70-50	11	9	20	107	..MJ1E	1E
95	25	7582051		RJ1A95-25	12.5	6.5	20	107	..MJ1E	1E
95	35	7582061		RJ1A95-35	12.5	8	20	107	..MJ1E	1E
95	50	7582071		RJ1A95-50	12.5	9	20	107	..MJ1E	1E
95	70	7582081		RJ1A95-70	12.5	11	20	107	..MJ1E	1E
150	35	7582091		RJ2A150-35	15.5	8	25	133.5	..MJ2E	2E
150	50	7582101		RJ2A150-50	15.5	9	25	133.5	..MJ2E	2E
150	70	7582111		RJ2A150-70	15.5	11	25	133.5	..MJ2E	2E
150	95	7582121		RJ2A150-95	15.5	12.5	25	133.5	..MJ2E	2E
150	120	7582131		RJ2A150-120	15.5	13.7	25	133.5	..MJ2E	2E
240	70	7582151		RJ4A240-70	19.5	11	32	144	..MJ4E	4E
240	95	7582161		RJ4A240-95	19.5	12.5	32	144	..MJ4E	4E
240	120	7582171		RJ4A240-120	19.5	13.7	32	144	..MJ4E	4E
240	150	7582181		RJ4A240-150	19.5	15.5	32	144	..MJ4E	4E
240	185	7582191		RJ4A240-185	19.5	17	32	144	..MJ4E	4E



Conductor size
(mm²)



Packing



Type of dies

Unless otherwise stated,
all dimensions are in millimeters.



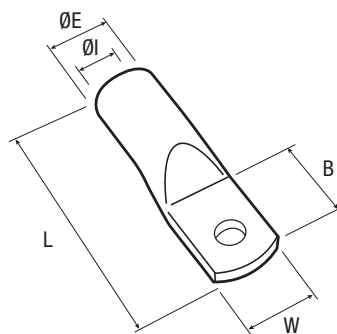
Aluminium Tubular Lugs

General features

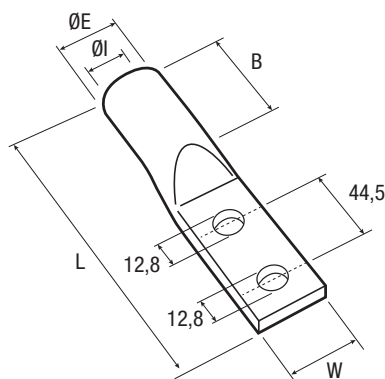
- ✓ Aluminium 1 050 A.
- ✓ Electrolytic tin-plating.
- ✓ The aluminium barrel, closed by a protection cap, is covered inside with grease for a better electrical contact.
- ✓ Crimping by hexagonal compression.
- ✓ For non tin-plated aluminium lug, remove "T" from part number.

A(T)
Series

from
page 231



 mm ²	 On request	 Part No.	 Ø mm	W	L	Ø i	Ø e	B	
35	7441251	35-12AT	12	20	70	8.3	14.2	35	..E120
60	7441300	60-12AT	12	25	73	10.5	16.8	35	..E140
70	7441301	70-12AT	12	26	78	12.3	20.5	35	..E173
120	7441330	120-12AT	12	34	85	14.5	24	35	..E210
150	7441350	150-12AT	12	36	95	17	27	35	..E230



 On request	 Part No.	 Ø mm	W	L	Ø i	Ø e	B	
7447420	50-12-2AT	12	25	117.5	10.5	16.8	28	..E140
7441302	70-12-2AT	12	26	122.5	12.3	20.5	30	..E173
7447425	120-12-2AT	12	34	129.5	14.5	24	36	..E210
7441351	150-12-2AT	12	36	140	17	27	40	..E230



Conductor size
(mm²)



Packing



Stud size



Tooling

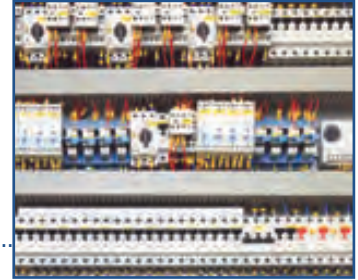
Unless otherwise stated,
all dimensions are in millimeters.



Range of **Preinsulated Terminals**

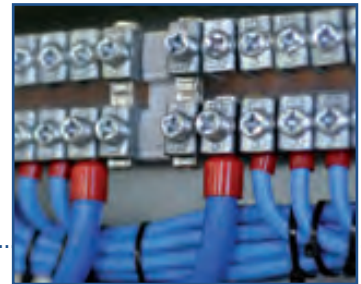
68

**Preinsulated
Terminals**



98

End Sleeves



104

**Disconnects,
tabs and housings**





Preinsulated Ring Terminals

General features

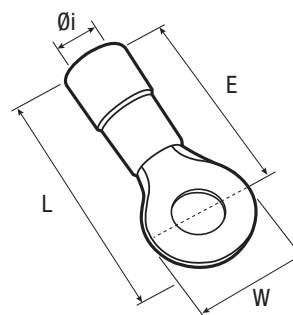
- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.

"N" single crimp series:

- ✓ Polyamide insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ "Easy entry" conical entry.
- ✓ Flammability rating: UL94V2.



POLYAMIDE INSULATION



	 mm ²	 Bulk packing	 x100 /Box	 Ø mm	 Ø mm	W	Ø i	E	L
● 0.34 - 1.5	7210000	NA3	7210003	B100NA3	3.6	3	5.6	1.7	17.3
	7210001	NA3,5	7210002	B100NA3,5	3.6	3.5	5.6	1.7	17.3
	7210026	NA0-3	7210027	B100NA0-3	3.6	3	7	1.7	20.5
	7210030	NA0-4	7210029	B100NA0-4	3.6	4	7	1.7	20.5
	7210043	NA0-5	7210044	B100NA0-5	3.6	5	7	1.7	20.5
	7210021	NA1-3	7210022	B100NA1-3	3.6	3	8	1.7	21
	7210024	NA1-3,5	7210025	B100NA1-3,5	3.6	3.5	8	1.7	21
	7210031	NA1-4	7210032	B100NA1-4	3.6	4	8	1.7	21
	7210041	NA1-5	7210042	B100NA1-5	3.6	5	8	1.7	21
	7210061	NA2-5	7210062	B100NA2-5	3.6	5	12.5	1.7	27
	7210071	NA2-6	7210072	B100NA2-6	3.6	6	12.5	1.7	27
	7210081	NA2-8	7210082	B100NA2-8	3.6	8	12.5	1.7	27
	7210083	NA2-10	7210084	B100NA2-10	4	10	13.6	1.7	30.3
	7210090	NB3	7210095	B100NB3	4.3	3	5.6	2.4	17
	7210088	NB3.5	7210087	B100NB3.5	4.3	3.5	5.6	2.4	17
● 1 - 2.5	7210096	NB0-4	7210098	B100NB0-4	4.3	4	8	2.4	21
	7210097	NB0-5	7210099	B100NB0-5	4.3	5	8	2.4	21
	7210091	NB1-3	7210092	B100NB1-3	4.3	3	8.6	2.4	21
	7210101	NB1-4	7210102	B100NB1-4	4.3	4	8.6	2.4	21
	7210111	NB1-5	7210112	B100NB1-5	4.3	5	8.6	2.4	21
	7210121	NB1-6	7210122	B100NB1-6	4.3	6	8.6	2.4	21.3
	7210141	NB2-5	7210142	B100NB2-5	4.3	5	12.5	2.4	27
	7210151	NB2-6	7210152	B100NB2-6	4.3	6	12.5	2.4	27
	7210161	NB2-8	7210162	B100NB2-8	4.3	8	12.5	2.4	27
	7210163	NB2-10	7210164	B100NB2-10	4.8	10	13.6	2.4	30.3
	7210171	NC1-3	7210173	B100NC1-3	6.4	3	9.6	3.3	27
	7210181	NC1-4	7210180	B100NC1-4	6.4	4	9.6	3.3	27
● 2.6 - 6	7210191	NC1-5	7210190	B100NC1-5	6.4	5	9.6	3.3	27
	7210201	NC1-6	7210200	B100NC1-6	6.4	6	9.6	3.3	27
	7210215	NC2-5	7210219	B100NC2-5	6.4	5	13.8	3.3	32
	7210211	NC2-6	7210210	B100NC2-6	6.4	6	13.8	3.3	32
	7210221	NC2-8	7210220	B100NC2-8	6.4	8	13.8	3.3	32
	7210231	NC2-10	7210236	B100NC2-10	6.4	10	13.8	3.3	32
	7210234	NC2-12	7210237	B100NC2-12	6.4	12	19.5	3.3	40



Conductor size (mm²)



Packing



Cable insulation max Ø



Stud size

Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Double Crimp Ring Terminals



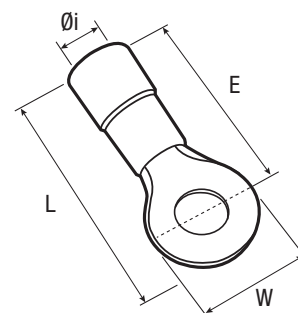
General features

- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.



"S" double crimp series:

- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C.
- ✓ Flammability rating: UL94V0.



					W	Ø i	E	L		
	mm ²	Item code	Part No.	Item code	Part No.	Ø mm	Ø mm			
● 0.34 - 1.5	7220020	SA3	7220017	B100SA3	3.6	3	5.6	1.7	14.5	17.3
	7220025	SA3,5	7220026	B100SA3,5	3.6	3.5	5.6	1.7	14.5	17.3
	7220018	SA0-3	7220019	B100SA0-3	3.6	3	7	1.7	17	20.5
	7220030	SA0-4	7220029	B100SA0-4	3.6	4	7	1.7	17	20.5
	7220040	SA0-5	7220043	B100SA0-5	3.6	5	7	1.7	17	20.5
	7220021	SA1-3	7220027	B100SA1-3	3.6	3	8	1.7	17	21
	7220024	SA1-3,5	7220022	B100SA1-3,5	3.6	3.5	8	1.7	17	21
	7220031	SA1-4	7220032	B100SA1-4	3.6	4	8	1.7	17	21
	7220041	SA1-5	7220042	B100SA1-5	3.6	5	8	1.7	17	21
	7220051	SA2-5	7220052	B100SA2-5	3.6	5	12.5	1.7	20.7	27
	7220061	SA2-6	7220062	B100SA2-6	3.6	6	12.5	1.7	20.7	27
	7220071	SA2-8	7220072	B100SA2-8	3.6	8	12.5	1.7	20.7	27
	7220073	SA2-10*	7220074	B100SA2-10*	4	10	13.6	1.7	23.5	30.3
	7220080	SB3	7220079	B100SB3	4.3	3	5.6	2.4	14.2	17
● 1 - 2.5	7220084	SB3.5	7220085	B100SB3.5	4.3	3.5	5.6	2.4	14.2	17
	7220094	SB0-4	7220096	B100SB0-4	4.3	4	8	2.4	17	21
	7220100	SB0-5	7220104	B100SB0-5	4.3	5	8	2.4	17	21
	7220081	SB1-3	7220082	B100SB1-3	4.3	3	8.6	2.4	16.7	21
	7220091	SB1-4	7220092	B100SB1-4	4.3	4	8.6	2.4	16.7	21
	7220101	SB1-5	7220102	B100SB1-5	4.3	5	8.6	2.4	16.7	21
	7220111	SB1-6	7220112	B100SB1-6	4.3	6	8.6	2.4	16.7	21.3
	7220121	SB2-5	7220122	B100SB2-5	4.3	5	12.5	2.4	20.7	27
	7220131	SB2-6	7220132	B100SB2-6	4.3	6	12.5	2.4	20.7	27
	7220141	SB2-8	7220142	B100SB2-8	4.3	8	12.5	2.4	20.7	27
	7220143	SB2-10*	7220144	B100SB2-10*	4.8	10	13.6	2.4	20.7	30.3
	7220151	SC1-3	7220153	B100SC1-3	6.4	3	9.6	3.3	22.2	27
	7220161	SC1-4	7220160	B100SC1-4	6.4	4	9.6	3.3	22.2	27
	7220171	SC1-5	7220170	B100SC1-5	6.4	5	9.6	3.3	22.2	27
● 2.6 - 6	7220181	SC1-6	7220183	B100SC1-6	6.4	6	9.6	3.3	22.2	27
	7220190	SC2-5	7220188	B100SC2-5	6.4	5	13.8	3.3	25.1	32
	7220191	SC2-6	7220193	B100SC2-6	6.4	6	13.8	3.3	25.1	32
	7220201	SC2-8	7220203	B100SC2-8	6.4	8	13.8	3.3	25.1	32
	7220211	SC2-10	7220213	B100SC2-10	6.4	10	13.8	3.3	25.1	32
	7220214	SC2-12	7220216	B100SC2-12	6.4	12	19.5	3.3	30	40

* polyamide insulation



Conductor size (mm²)



Packing



Cable insulation max Ø



Stud size

Unless otherwise stated, all dimensions are in millimeters.



Preinsulated Fork Terminals

General features

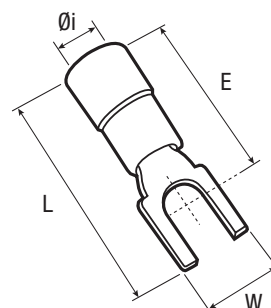
- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.

"N" single crimp series:

- ✓ Polyamide insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ "Easy entry" conical entry.
- ✓ Flammability rating: UL94V2.



POLYAMIDE INSULATION



	Bulk packing		x100 /Box		mm ²	Ø mm	Ø mm	W	Ø i	E	L
	Item code	Part No.	Item code	Part No.							
● 0.34 - 1.5	7212011	NRGFA1-3	7212012	B100NRGFA1-3	3.6	3	5.5	1.7	16.3	20	
	7212021	NRGFA1-3,5	7212022	B100NRGFA1-3,5	3.6	3.5	5.5	1.7	16.3	20	
	7212031	NRGFA1-4	7212032	B100NRGFA1-4	3.6	4	6.5	1.7	16.3	20	
	7212041	NRGFA2-4	7212042	B100NRGFA2-4	3.6	4	8	1.7	16.4	20	
	7212051	NRGFA2-5	7212052	B100NRGFA2-5	3.6	5	8	1.7	16.4	20	
	7212061	NRGFA2-6	7212062	B100NRGFA2-6	3.6	6	8	1.7	16.4	20	
● 1 - 2.5	7212071	NRGFB0-3	7212072	B100NRGFB0-3	4.3	3	6.4	2.4	16.5	20.5	
	7212081	NRGFB0-4	7212082	B100NRGFB0-4	4.3	4	6.4	2.4	16.5	20.5	
	7212091	NRGFB1-3	7212092	B100NRGFB1-3	4.3	3	7.9	2.4	16.5	20.5	
	7212101	NRGFB1-4	7212102	B100NRGFB1-4	4.3	4	7.9	2.4	16.5	20.5	
	7212111	NRGFB1-5	7212112	B100NRGFB1-5	4.3	5	7.9	2.4	16.5	20.5	
	7212121	NRGFB2-4	7212122	B100NRGFB2-4	4.3	4	9.5	2.4	18.8	23	
	7212131	NRGFB2-5	7212132	B100NRGFB2-5	4.3	5	9.5	2.4	18.8	23	
	7212141	NRGFB2-6	7212142	B100NRGFB2-6	4.3	6	9.5	2.4	19	23	
● 2.6 - 6	7212151	NRGFC0-3	7212153	B100NRGFC0-3	6.4	3	6.7	3.3	24	26.4	
	7212161	NRGFC0-4	7212163	B100NRGFC0-4	6.4	4	6.7	3.3	24	26.4	
	7212171	NRGFC1-4	7212173	B100NRGFC1-4	6.4	4	9.5	3.3	21.9	26.1	
	7212181	NRGFC1-5	7212183	B100NRGFC1-5	6.4	5	9.5	3.3	22	26.1	
	7212191	NRGFC1-6	7212193	B100NRGFC1-6	6.4	6	9.5	3.3	22	26	



Conductor size (mm²)



Packing



Cable insulation max Ø



Stud size

Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Double Crimp Fork Terminals



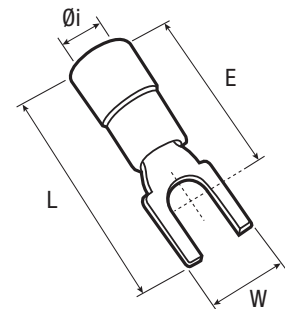
General features

- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.



"S" double crimp series:

- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C.
- ✓ Flammability rating: UL94V0.



	Bulk packing		x100 /Box		Ø mm	Ø mm	W	Ø i	E	L
	Item code	Part No.	Item code	Part No.						
● 0.34 - 1.5	7222011	SRGFA1-3	7222012	B100SRGFA1-3	3.6	3	5.5	1.7	16.3	20
	7222021	SRGFA1-3,5	7222022	B100SRGFA1-3,5	3.6	3.5	5.5	1.7	16.3	20
	7222031	SRGFA1-4	7222032	B100SRGFA1-4	3.6	4	6.5	1.7	16.3	20
	7222041	SRGFA2-4	7222042	B100SRGFA2-4	3.6	4	8	1.7	16.4	20
	7222051	SRGFA2-5	7222052	B100SRGFA2-5	3.6	5	8	1.7	16.4	20
	7222061	SRGFA2-6	7222062	B100SRGFA2-6	3.6	6	8	1.7	16.4	20
● 1 - 2.5	7222071	SRGFB0-3	7222072	B100SRGFB0-3	4.3	3	6.4	2.4	16.5	20.5
	7222081	SRGFB0-4	7222082	B100SRGFB0-4	4.3	4	6.4	2.4	16.5	20.5
	7222091	SRGFB1-3	7222092	B100SRGFB1-3	4.3	3	7.9	2.4	16.5	20.5
	7222101	SRGFB1-4	7222102	B100SRGFB1-4	4.3	4	7.9	2.4	16.5	20.5
	7222111	SRGFB1-5	7222112	B100SRGFB1-5	4.3	5	7.9	2.4	16.5	20.5
	7222121	SRGFB2-4	7222122	B100SRGFB2-4	4.3	4	9.5	2.4	18.8	23
	7222131	SRGFB2-5	7222132	B100SRGFB2-5	4.3	5	9.5	2.4	18.8	23
	7222141	SRGFB2-6	7222142	B100SRGFB2-6	4.3	6	9.5	2.4	19	23
● 2.6 - 6	7222151	SRGFC0-3	7222153	B100SRGFC0-3	6.4	3	6.7	3.3	24	26.4
	7222161	SRGFC0-4	7222163	B100SRGFC0-4	6.4	4	6.7	3.3	24	26.4
	7222171	SRGFC1-4	7222173	B100SRGFC1-4	6.4	4	9.5	3.3	21.9	26.1
	7222181	SRGFC1-5	7222183	B100SRGFC1-5	6.4	5	9.5	3.3	22	26.1
	7222191	SRGFC1-6	7222193	B100SRGFC1-6	6.4	6	9.5	3.3	22	26



Conductor size
(mm²)



Packing



Cable insulation
max Ø



Stud size

Unless otherwise stated,
all dimensions are in millimeters.



Preinsulated Square Terminals

General features

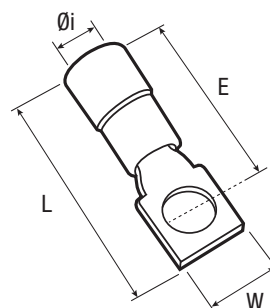
- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.

"N" single crimp series:

- ✓ Polyamide insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ "Easy entry" conical entry.
- ✓ Flammability rating: UL94V2.



POLYAMIDE INSULATION



	Bulk packing		x100 /Box				W	Ø i	E	L
	Item code	Part No.	Item code	Part No.	Ø mm	Ø mm				
● 0.34 - 1.5	7211011	NRGA1-3	7211012	B100NRGA1-3	3.6	3	5.5	1.7	16.5	20.5
	7211021	NRGA1-3.5	7211022	B100NRGA1-3.5	3.6	3.5	5.5	1.7	16.5	20.5
	7211031	NRGA1-4	7211032	B100NRGA1-4	3.6	4	6.5	1.7	16.5	20.5
	7211041	NRGA2-4	7211042	B100NRGA2-4	3.6	4	8	1.7	16.5	20.5
	7211051	NRGA2-5	7211052	B100NRGA2-5	3.6	5	8	1.7	16.5	20.5
	7211061	NRGA2-6	7211062	B100NRGA2-6	3.6	6	8	1.7	16.5	20.5
● 1 - 2.5	7211071	NRGB0-3	7211072	B100NRGB0-3	4.3	3	6.4	2.4	16.5	20.5
	7211081	NRGB0-4	7211082	B100NRGB0-4	4.3	4	6.4	2.4	16.5	20.5
	7211091	NRGB1-3	7211092	B100NRGB1-3	4.3	3	7.9	2.4	16.5	20.5
	7211101	NRGB1-4	7211102	B100NRGB1-4	4.3	4	7.9	2.4	16.5	20.5
	7211111	NRGB1-5	7211112	B100NRGB1-5	4.3	5	7.9	2.4	16.5	20.5
	7211121	NRGB2-4	7211122	B100NRGB2-4	4.3	4	9.5	2.4	19.1	23.5
	7211131	NRGB2-5	7211132	B100NRGB2-5	4.3	5	9.5	2.4	19.1	23.5
	7211141	NRGB2-6	7211142	B100NRGB2-6	4.3	6	9.5	2.4	19.1	23.5
● 2.6 - 6	7211151	NRGC0-3	7211153	B100NRGC0-3	6.4	3	6.7	3.3	24	26.5
	7211161	NRGC0-4	7211164	B100NRGC0-4	6.4	4	6.7	3.3	24	26.5
	7211171	NRGC1-4	7211173	B100NRGC1-4	6.4	4	9.5	3.3	22	26.3
	7211181	NRGC1-5	7211183	B100NRGC1-5	6.4	5	9.5	3.3	22	26.3
	7211191	NRGC1-6	7211193	B100NRGC1-6	6.4	6	9.5	3.3	22	26.3



Conductor size (mm²)



Packing



Cable insulation max Ø



Stud size

Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Double Crimp Square Terminals



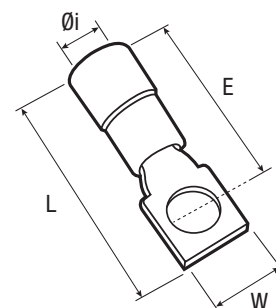
General features

- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.



"S" double crimp series:

- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C
- ✓ Flammability rating: UL94V0.



	Bulk packing		x100 /Box							
	Item code	Part No.	Item code	Part No.	Ø mm	Ø mm	W	Ø i	E	L
● 0.34 - 1.5	7221011	SRGA1-3	7221012	B100SRGA1-3	3.6	3	5.5	1.7	16.5	20.5
	7221021	SRGA1-3.5	7221022	B100SRGA1-3.5	3.6	3.5	5.5	1.7	16.5	20.5
	7221031	SRGA1-4	7221032	B100SRGA1-4	3.6	4	6.5	1.7	16.5	20.5
	7221041	SRGA2-4	7221042	B100SRGA2-4	3.6	4	8	1.7	16.5	20.5
	7221051	SRGA2-5	7221052	B100SRGA2-5	3.6	5	8	1.7	16.5	20.5
	7221061	SRGA2-6	7221062	B100SRGA2-6	3.6	6	8	1.7	16.5	20.5
● 1 - 2.5	7221071	SRGB0-3	7221072	B100SRGB0-3	4.3	3	6.4	2.4	16.5	20.5
	7221081	SRGB0-4	7221082	B100SRGB0-4	4.3	4	6.4	2.4	16.5	20.5
	7221091	SRGB1-3	7221092	B100SRGB1-3	4.3	3	7.9	2.4	16.5	20.5
	7221101	SRGB1-4	7221102	B100SRGB1-4	4.3	4	7.9	2.4	16.5	20.5
	7221111	SRGB1-5	7221112	B100SRGB1-5	4.3	5	7.9	2.4	16.5	20.5
	7221121	SRGB2-4	7221122	B100SRGB2-4	4.3	4	9.5	2.4	19.1	23.5
	7221131	SRGB2-5	7221132	B100SRGB2-5	4.3	5	9.5	2.4	19.1	23.5
	7221141	SRGB2-6	7221142	B100SRGB2-6	4.3	6	9.5	2.4	19.1	23.5
● 2.6 - 6	7221151	SRGC0-3	7221153	B100SRGC0-3	6.4	3	6.7	3.3	24	26.5
	7221161	SRGC0-4	7221163	B100SRGC0-4	6.4	4	6.7	3.3	24	26.5
	7221171	SRGC1-4	7221173	B100SRGC1-4	6.4	4	9.5	3.3	22	26.3
	7221181	SRGC1-5	7221183	B100SRGC1-5	6.4	5	9.5	3.3	22	26.3
	7221191	SRGC1-6	7221193	B100SRGC1-6	6.4	6	9.5	3.3	22	26.3



Conductor size
(mm²)



Packing



Cable insulation
max Ø



Stud size

Unless otherwise stated,
all dimensions are in millimeters.



Locking Preinsulated Terminals

General features

- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.



POLYAMIDE INSULATION



POLYCARBONATE INSULATION

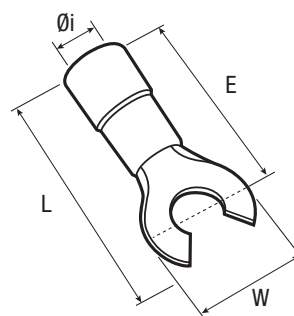


"N" single crimp series:

- ✓ Polyamide insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ "Easy entry" conical entry.
- ✓ Flammability rating: UL94V2.

"S" double crimp series:

- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C.
- ✓ Flammability rating: UL94V0.



N Series

mm ²	Bulk packing		x100 /Box		Ø mm	Ø mm	W	Ø i	E	L
	Item code	Part No.	Item code	Part No.						
0.34 - 1.5	7210023	NAE3	7210028	B100NAE3	3.6	3	5.6	1.7	14.5	16.5
	7210033	NAE1-4	7210035	B100NAE1-4	3.6	4	8	1.7	17	20
1 - 2.5	7210093	NBE3	7210094	B100NBE3	4.3	3	5.6	2.4	14.5	16.8
	7210104	NBE0-4	7210105	B100NBE0-4	4.3	4	8	2.4	17	20
2.6 - 6	7210183	NCE1-4	7210185	B100NCE1-4	6.4	4	9.3	3.3	23	27
	7210193	NCE1-5	7210195	B100NCE1-5	6.4	5	9.3	3.3	23	26.7

S Series

mm ²	Bulk packing		x100 /Box		Ø mm	Ø mm	W	Ø i	E	L
	Item code	Part No.	Item code	Part No.						
0.34 - 1.5	7220023	SAE3	7220028	B100SAE3	3.6	3	5.6	1.7	14.5	16.5
	7220034	SAE1-4	7220035	B100SAE1-4	3.6	4	8	1.7	17	20
1 - 2.5	7220083	SBE3	7220086	B100SBE3	4.3	3	5.6	2.4	14.5	16.8
	7220093	SBE0-4	7220098	B100SBE0-4	4.3	4	8	2.4	17	20
2.6 - 6	7220163	SCE1-4	7220166	B100SCE1-4	6.4	4	9.3	3.3	23	27
	7220173	SCE1-5	7220175	B100SCE1-5	6.4	5	9.3	3.3	23	26.7



Conductor size (mm²)



Packing



Cable insulation max Ø



Stud size

Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Pin and Blade Terminals



General features

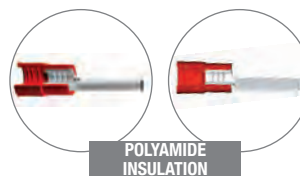
- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel for a better electrical contact and a better tensile strength.

“N” single crimp series:

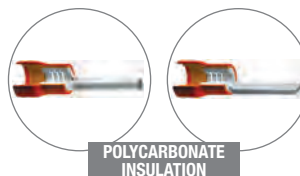
- ✓ Polyamide insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ “Easy entry” conical entry.
- ✓ Flammability rating: UL94V2.

“S” double crimp series:

- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C.
- ✓ Flammability rating: UL94V0.



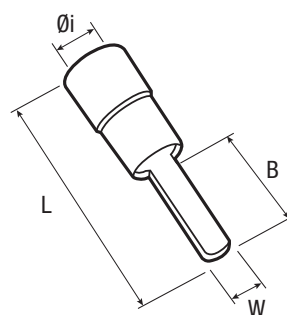
POLYAMIDE INSULATION



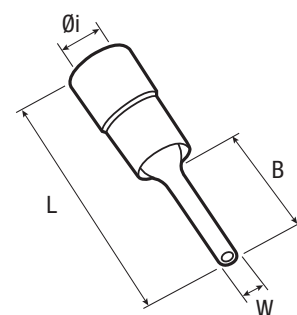
POLYCARBONATE INSULATION



N Series



PF Type



PR Type

 mm ²		Bulk packing		 x100 /Box		 Ø mm		W	Ø i	B	L
	Item code	Part No.	Item code	Part No.							
● 0.34 - 1.5	7272011	NPFA3	7272012	B100NPFA3	3.6	2.9	1.7	7.5	17.5		
	7272071	NPFA3 R**	7272073	B100NPFA3R**	3.6	2.9	1.7	11.3	21		
	7271101	NPRA1,6	7271102	B100NPRA1,6	3.6	1.9	1.7	12	22.5		
	7271103	NPRA1,6C	7271104	B100NPRA1,6C	3.6	1.9	1.7	9	19.7		
● 1 - 2.5	7272091	NPFB3	7272092	B100NPFB3	4.3	2.9	2.4	8	18		
	7272081	NPFB3 R**	7272083	B100NPFB3R**	4.3	2.9	2.4	12	21.8		
	7272041	NPFB4 R**	7272042	B100NPFB4R**	4.3	3.9	2.4	12	21.8		
	7271111	NPRB2,3	7271112	B100NPRB2,3	4.3	1.9	2.4	12	22		
	7271113	NPRB2,3C	7271114	B100NPRB2,3C	4.3	1.9	2.4	9	18.8		
	7272063	NPFC3	7272065	B100NPFC3	6.4	2.9	3.3	10.5	24.2		
● 2.6 - 6	7272061	NPFC3,9R**	7272060	B100NPFC3,9R**	6.4	3.9	3.3	12.7	26		
	7271121	NPRC3,5	7271123	B100NPRC3,5	6.4	2.5	3.3	14	28		

S Series

	Bulk packing	x100 /Box								
	Item code	Part No.	Item code	Part No.	mm ²	Ø mm	W	Ø i	B	L
● 0.34 - 1.5	7273021	SPFA3	7273022	B100SPFA3	3.6	3.6	2.9	1.7	7.5	17.5
	7273011	SPFA3 R**	7273012	B100SPFA3 R**	3.6	3.6	2.9	1.7	11.3	21
	7271011	SPRA1,6*	7271012	B100SPRA1,6*	3.6	3.6	1.9	1.7	12	22.5
	7271014	SPRA1,6 C*	7271015	B100SPRA1,6 C*	3.6	3.6	1.9	1.7	9	19.7
● 1 - 2.5	7273049	SPFB3	7273050	B100SPFB3	4.3	4.3	2.9	2.4	8	18
	7273053	SPFB3 R**	7273055	B100SPFB3 R**	4.3	4.3	2.9	2.4	12	21.8
	7273041	SPFB4 R**	7273042	B100SPFB4 R**	4.3	4.3	3.9	2.4	12	21.8
	7271021	SPRB2,3*	7271022	B100SPRB2,3*	4.3	4.3	1.9	2.4	12	22
	7271024	SPRB2,3 C*	7271025	B100SPRB2,3 C*	4.3	4.3	1.9	2.4	9	18.8
	7273061	SPFC3,9 R**	7273063	B100SPFC3,9 R**	6.4	6.4	3.9	3.3	12.7	26
● 2.6 - 6	7271031	SPRC3,5*	7271033	B100SPRC3,5*	6.4	6.4	2.5	3.3	14	28



Conductor size (mm²)



Packing



Cable insulation max Ø



Stud size

* = Polyamide insulation
** = Notched

Unless otherwise stated, all dimensions are in millimeters.



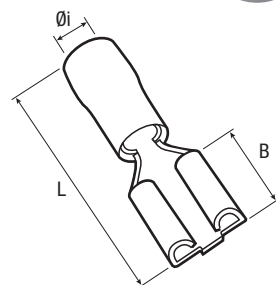
Preinsulated Female, Male and Piggyback Disconnects

General features

- ✓ Tin-plated brass double crimp "S" version.
- ✓ Tin-plated bronze double crimp "51000" version.
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C.
- ✓ Flammability rating: UL94V0.

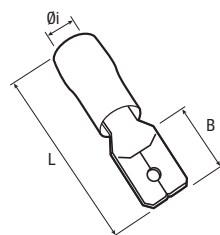


POLYCARBONATE INSULATION

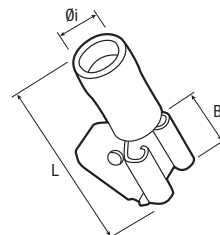


Preinsulated Female Disconnects

 mm ²		Brass				Bronze				 Male disconnect			Ø i	B	L
		 Bulk packing		 x100 /Box		 Bulk packing		 x100 /Box							
		Item code	Part No.	Item code	Part No.	Item code	Part No.	Item code	Part No.	Ø mm	Width	Thickness			
● 0.34 - 1.5	7250500	SQA2,8-3*	7251017	B100SQA2,8-3*	7260505	51031-3*	7261026	B100-51031-3*	3.6	2.8	0.3	1.7	6.5	19.5	
	7250501	SQA2,8-5*	7251014	B100SQA2,8-5*	7260506	51031-2*	7261019	B100-51031-2*	3.6	2.8	0.5	1.7	6.5	19.5	
	7250502	SQA2,8-8*	7251018	B100SQA2,8-8*	7260508	51031-8*	7261029	B100-51031-8*	3.6	2.8	0.8	1.7	6.5	19.5	
	7251084	SQA4,7-5	7251086	B100SQA4,7-5	-	-	-	-	3.6	4.8	0.5	1.7	6	18.7	
	7251065	SQA4,7-8	7251066	B100SQA4,7-8	-	-	-	-	3.6	4.8	0.8	1.7	6	18.7	
	7251024	SQA-5N	7251037	B100SQA-5N	7261042	51081-2	7261047	B100-51081-2	3.6	5	0.8	1.7	7.7	21	
● 1 - 2.5	7251032	SQA-6,35	7251033	B100SQA-6,35	7261072	51181-2	7261071	B100-51181-2	3.6	6.3	0.8	1.7	7.7	21	
	7251085	SQB4,7-5	7251087	B100SQB4,7-5	-	-	-	-	4.3	4.8	0.5	2.4	6	18.7	
	7251067	SQB4,7-8	7251068	B100SQB4,7-8	-	-	-	-	4.3	4.8	0.8	2.4	6	18.7	
	7251044	SQB5N	7251038	B100SQB5N	7261052	51131-2	7261053	B100-51131-2	4.8	5	0.8	2.4	7.7	21	
	7251052	SQB6,35	7251053	B100SQB6,35	7261082	51231-2	7261081	B100-51231-2	4.8	6.3	0.8	2.4	7.7	21	
	7251055	SQB8**	7251080	B100SQB8**	-	-	-	-	4.3	8	0.8	2.4	9	23	
● 2.6 - 6	7251072	SQC6,35	7251082	B100SQC6,35	7261109	51661-4J	7261112	B100-51661-4J	6.8	6.3	0.8	3.4	7.7	25	
	7251074	SQC9,5**	7251083	B100SQC9,5**	-	-	-	-	6.4	9.4	1.2	3.4	12.1	29.6	



SQM...



SQV...

Preinsulated Male and Piggyback Disconnects

 mm ²	 Bulk packing		 x100 /Box		 Ø mm	Male disconnect		Ø i	B	L
	Item code	Part No.	Item code	Part No.		Width	Thickness			
● 0.34 - 1.5	7250011	SQMA-6,35	7250012	B100SQMA-6,35	3.5	6.3	0.8	1.7	8	20.5
	7251251	SQVA-6,35	7251253	B100SQVA-6,35	3.5	6.3	0.8	1.7	7.8	22.2
● 1 - 2.5	7250021	SQMB-6,35	7250022	B100SQMB-6,35	4	6.3	0.8	2.4	8	20.5
	7251261	SQVB-6,35	7251260	B100SQVB-6,35	4	6.3	0.8	2.4	7.8	22.2
● 2.6 - 6	7250031	SQMC-6,35	7250033	B100SQMC-6,35	5.5	6.3	0.8	3.4	8	24.5
	7250031	SQMC-6,35	7250033	B100SQVC-6,35	5.5	6.3	0.8	3.4	8	24
	7251271	SQVC-6,35	7251272	B100SQVC-6,35	5.5	6.3	0.8	3.4	8	24



Conductor size (mm²)



Packing



Cable insulation max Ø

* = Polyamide insulation
** = Notched

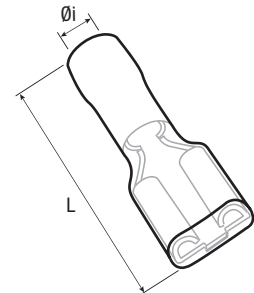
Unless otherwise stated, all dimensions are in millimeters.

Fully Preinsulated Female Disconnects



General features

- ✓ Tin-plated brass double crimp "S" version.
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +125°C.
- ✓ Flammability rating: UL94V0.



mm ²	Bulk packing		x100 /Box		Ø mm	Male disconnect		Ø i	L	
	Item code	Part No.	Item code	Part No.		Width	Thickness			
0.34 - 1.5	7252010	SQAP2,8-5	7252012	B100SQAP2,8-5	3.2	2.8	0.5	1.7	19.5	●
	7252013	SQAP4,8-5	7252014	B100SQAP4,8-5	3.6	4.8	0.5	1.7	20	●
	7252001	SQAP4,8-8	7252002	B100SQAP4,8-8	3.6	4.8	0.8	1.7	20	●
	7252021	SQAP6,35	7252023	B100SQAP6,35	2.9	6.3	0.8	1.7	23.5	●
1 - 2.5	7252047	SQBP4,8-5	7252055	B100SQBP4,8-5	4.3	4.8	0.5	2.4	20	●
	7252060	SQBP4,8-8	7252062	B100SQBP4,8-8	3.4	4.8	0.8	2.4	20	●
	7252063	SQBP6,35TH2	7252064	B100SQBP6,35TH2	3.4	6.3	0.8	2.4	23.5	●
2.6 - 6	7252041	SQCP6,35	7252058	B100SQCP6,35	5.5	6.3	0.8	3.6	26	●



Conductor size (mm²)



Packing



Cable insulation max Ø

Unless otherwise stated, all dimensions are in millimeters.



Preinsulated Butt Splices

General features

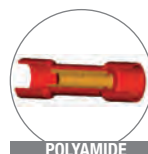
- ✓ Tin-plated copper.
- ✓ Barrel with funnel entry.

"N" single crimp series:

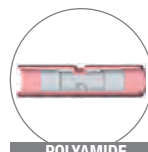
- ✓ Polyamide insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ "Easy entry" conical entry.
- ✓ Flammability rating: UL94V2.

"51000" double crimp series:

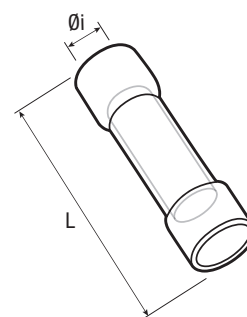
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Polycarbonate insulation sleeve.
- ✓ Max. operating temperature: +105°C.
- ✓ Flammability rating: UL94V0.



POLYAMIDE INSULATION

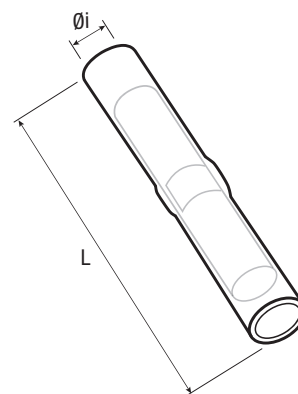


POLYAMIDE INSULATION



Preinsulated Butt Splices N series

						
	mm ²	Item code	Part No.	Item code	Part No.	Ø mm
●	0.34 - 1.5	7276011	NPMJ1	7276012	B100NPMJ1	4
●	1 - 2.5	7276021	NPMJ2	7276022	B100NPMJ2	4.5
●	2.6 - 6	7276031	NPMJ3	7276028	B100NPMJ3	6.6



Preinsulated Butt Splices with Inspection Window 51000 series

						
	mm ²	Item code	Part No.	Item code	Part No.	Ø mm
●	0.34 - 1.5	7282201	51391	7282202	B100-51391	3.6
●	1 - 2.5	7282215	51402	7282213	B100-51402	4
●	2.6 - 6	7282221	51413	7282224	B100-51413	5.5



Conductor size (mm²)



Packing



Cable insulation max Ø

Unless otherwise stated, all dimensions are in millimeters.

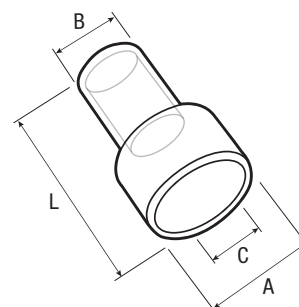
Preinsulated Closed-End Wire Connectors « Y » Connectors



General features

Preinsulated closed-end wire connectors

- ✓ Tin-plated copper.
- ✓ White 6/6 polyamide insulation.



Preinsulated Closed-End Wire Connectors

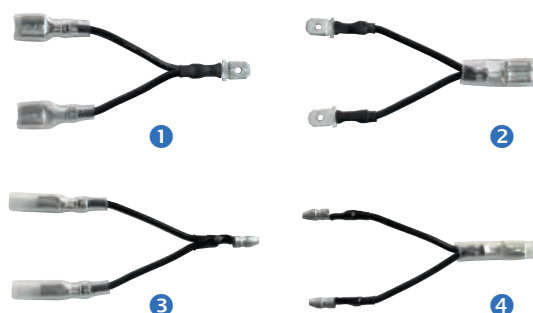
mm ²	Item code	Part No.	Item code	Part No.	A	B	C	L
0.34 - 1.5	7276034	PME1	7276067	B100PME1	6.2	5	2.2	15.2
1 - 2.5	7276035	PME2	7276066	B100PME2	6.5	5.8	2.5	15.2
2	7276036	PME3	7276065	B100PME3	9.4	7.3	3.5	17.8
0.34 - 1.5	7276037	PME4	7276068	B100PME4	12	9.2	4.7	22.2



« Y » Connectors

Item code	Part No.	Width or Ø	Figure	Quantity
7301902	B15-1053	W 6.35	1	15
7301912	B15-1051	W 6.35	2	15
7301922	B15-1052	Ø 4	3	15
7301932	B15-1050	Ø 4	4	15

Packing in plastic boxes



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.



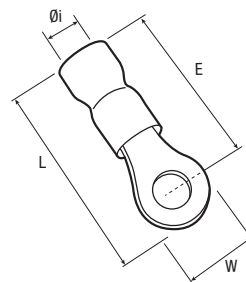
Preinsulated Ring and Fork Terminals

General features

- ✓ Electrolytic tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel provide a better tensile strength.
- ✓ PVC insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Max. operating temperature: 75°C.
- ✓ Flammability rating: UL 94V0.

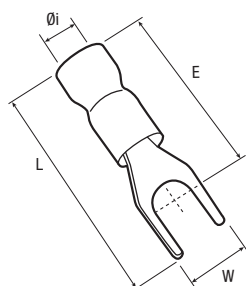


PVC
INSULATION



Preinsulated Ring Terminals

	 mm²	 x100 /bag	 Part No.	 Ø mm	 Ø mm	W	Ø i	E	L
● 0.34 - 1.5	7307001		1-3R	4	3.3	5.5	1.7	15	17.5
	7307011		1-4R	4	4.3	8	1.7	17	20.8
	7307021		1-5R	4	5.3	8	1.7	17	20.8
	7307031		1-6R	4	6.5	11.6	1.7	21	26.8
	7307041		1-8R	4	8.5	11.6	1.7	21	26.8
● 1 - 2.5	7307051		1-10R	4	10.5	13.6	1.7	23.6	30.5
	7307141		4-3B	4.5	3.3	6.6	2.3	14.8	17.8
	7307151		4-4B	4.5	4.3	8.5	2.3	17.8	21.8
	7307161		4-5B	4.5	5.3	8.5	2.3	17.8	21.8
	7307171		4-6B	4.5	6.5	12	2.3	21	26.8
● 2.6 - 6	7307181		4-8B	4.5	8.5	12	2.3	21	26.8
	7307191		4-10B	4.5	10.5	13.6	2.3	23.9	30.5
	7307301		6-3J	6.3	3.3	7.2	3.4	19.1	22.7
	7307311		6-4J	6.3	4.3	7.2	3.4	19.1	22.7
	7307321		6-5J	6.3	5.3	9.5	3.4	22.1	26.6
	7307331		6-6J	6.3	6.5	12	3.4	23.5	29.5
	7307341		6-8J	6.3	8.5	15	3.4	21.4	34
	7307351		6-10J	6.3	10.5	15	3.4	23.5	34
	7307361		6-12J	6.3	12.7	19.2	3.4	26	38.6



Preinsulated Fork Terminals

	 mm²	 x100 /bag	 Part No.	 Ø mm	 Ø mm	W	Ø i	E	L
● 0.34 - 1.5	7307071		R1-3F	4	3.3	5.7	1.7	16.5	21
	7307081		R1-4F	4	4.3	6.4	1.7	16.5	21
	7307091		R1-5F	4	5.3	8.1	1.7	16.5	21
	7307101		R1-6F	4	6.4	9.5	1.7	16.5	21
	7307221		B4-3F	4.5	3.3	5.7	2.3	16.7	21
● 1 - 2.5	7307241		B4-4F	4.5	4.3	6.4	2.3	16.7	21
	7307251		B4-5F	4.5	5.3	7.9	2.3	16.7	21
	7307261		B4-6F	4.5	6.5	9.3	2.3	16.7	21
	7307401		J6-3F	6.3	6.5	8.3	3.4	20	25.5
● 2.6 - 6	7307411		J6-4F	6.3	4.3	8.3	3.4	20	25.5
	7307421		J6-5F	6.3	5.3	9	3.4	21	26.5
	7307431		J6-6F	6.3	6.5	12	3.4	25	31.5
	7307441		J6-8F	6.3	8.5	14	3.4	23.5	30.5



Nominal section
(mm²)



Packing



Cable insulation
max Ø



Bolt Ø

Unless otherwise stated,
all dimensions are in millimeters.



General features

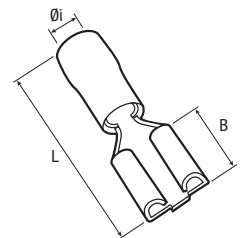
- ✓ Tin-plated brass.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel provide a better tensile strength.
- ✓ PVC insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Copper sleeve for crimping insulation.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.

PVC
INSULATION



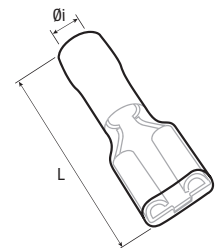
Preinsulated Female Disconnects

 mm ²	 x100 /bag	 Ø mm	Width	Thickness	Ø i	B	L	
	Item code	Part No.						
● 0.34 - 1.5	7307551	8620	3.8	2.8	0.5	1.7	6.5	19
	7307561	8621	3.8	4.8	0.5	1.7	6.4	19.4
	7307571	8623	3.8	6.35	0.8	1.7	7.3	20.8
● 1 - 2.5	7307620	8618	4.7	2.8	0.5	2.3	6.5	19
	7307581	8622	4.7	4.8	0.5	2.3	6.4	19.4
	7307579	8622-8	4.7	4.8	0.8	2.3	6.4	19.4
	7307591	8624	4.7	6.35	0.8	2.3	7.3	20.8
● 2.6 - 6	7307621	8625	6.2	6.35	0.8	3.4	7.3	23.3
	7307611	8626	6.2	9.5	1.2	3.4	12	28.6



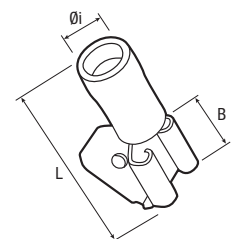
Fully Preinsulated Female Disconnects

 mm ²	 x100 /bag	 Ø mm	Width	Thickness	Ø i	L	
Item code	Part No.						
● 0.34 - 1.5	7307584	8621TI	3.8	4.8	0.5	1.7	20.5
	7307585	8621-8TI	3.8	4.8	0.8	1.7	20.5
	7307681	8623TI	3.8	6.35	0.8	1.7	21.8
● 1 - 2.5	7307582	8622TI	4.7	4.8	0.5	2.3	20.5
	7307583	8622-8TI	4.7	4.8	0.8	2.3	20.5
	7307704	8624TI	4.7	6.35	0.8	2.3	22.2
● 2.6 - 6	7307622	8625TI	6.2	6.35	0.8	3.4	24.2



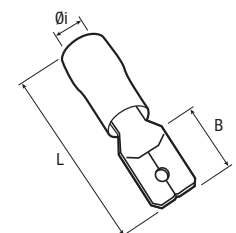
Preinsulated Male Disconnects

 mm ²	 x100 /bag	 Ø mm	Width	Thickness	Ø i	B	L	
	 Item code	 Part No.						
 0.34 - 1.5	7307500	861R	3.8	4.8	0.5	1.7	6.5	19.8
	7307501	863R	3.8	6.35	0.8	1.7	7.7	21.8
 1 - 2.5	7307515	861B	4.7	4.8	0.5	2.3	6.5	19.8
	7307511	863B	4.7	6.35	0.8	2.3	7.7	21.8
 2.6 - 6	7307521	863J	6.2	6.35	0.8	3.4	7.7	24



Preinsulated Piggyback Disconnects

 mm ²	 x100 /bag	 Ø mm	Width	Thickness	Ø i	B	L	
 0.34 - 1.5	7307631	86240R	3.8	6.35	0.8	1.7	8	22.5
 1 - 2.5	7307641	86240B	4.7	6.35	0.8	2.3	8	22.5



Nominal section
(mm²)



Packing



Cable insulation
max Ø

Unless otherwise stated,
all dimensions are in millimeters.



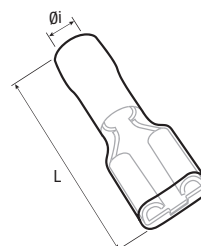
Fully Preinsulated Female Disconnects, Cylindral Plugs and Preinsulated Pins

General features

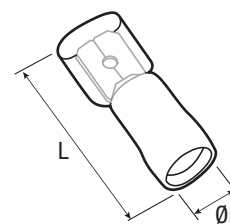
- ✓ Electrolytic tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ Grooves in the barrel provide a better tensile strength.
- ✓ PVC insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Copper sleeve for crimping insulation.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.



PVC
INSULATION



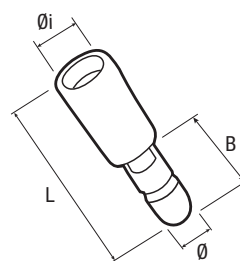
M Type



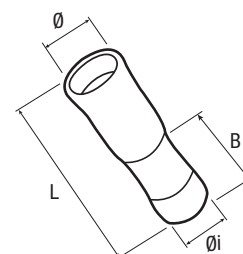
F Type

Preinsulated Fork Terminals

 mm ²	 x100 /bag	 Part No.	 Ø mm	Type	Width	Thickness	Ø i	L
● 0.34 - 1.5	7307680	863MTIR	4	M	6.35	0.8	1.7	24.5
	7307682	8623FTIR	4	F	6.35	0.8	1.7	22.5
● 1 - 2.5	7307707	864MTIB	4	M	6.35	0.8	2.3	24.5
	7307708	8624FTIB	4.5	F	6.35	0.8	2.3	23
● 2.6 - 6	7307623	865MTIJ	5	M	6.35	0.8	3.4	24.5
	7307624	8625FTIJ	5	F	6.35	0.8	3.4	23



M Type

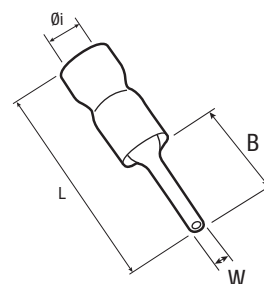


F Type

Preinsulated Male and Female Cylindral Plugs

 mm ²	 x500 /bag	 Part No.	 Ø mm	Type	Ø	Ø i	B	L
● 0.34 - 1.5	7274011	SFMA4	3.8	M	4	1.7	8.5	21.5
	7274031	SFFA4	3.8	F	4	1.7	7.3	23.3
	7274025	SFMB4	4.7	M	4	2.3	8.5	21.7
● 1 - 2.5	7274061	SFFB4	4.7	F	4	2.3	7.3	23.3
	7274021	SFMB5	4.7	M	5	2.3	8.5	21.2
	7274041	SFFB5	4.7	F	5	2.3	7	23.3

 Also available: 100 pieces / plastic box (see price list)



Preinsulated Pins

 mm ²	 x100 /bag	 Part No.	 Ø mm	W	Ø i	B	L
● 0.34 - 1.5	7307911	TMTC1	4	1.9	1.7	12	22.5
● 1 - 2.5	7307921	TMTC2	4.5	1.9	2.3	12	22.5
● 2.6 - 6	7307931	TMTC3	6.3	2.5	4	14	28



Nominal section
(mm²)



Packing



Cable insulation
max Ø

Unless otherwise stated,
all dimensions are in millimeters.

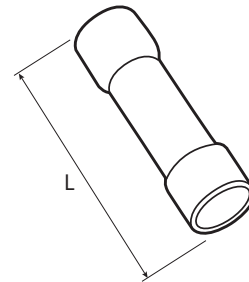
Preinsulated Butt Splices Self-stripping Quick Connectors



General features

- ✓ Electrolytic tin-plated copper.
- ✓ Barrel with funnel entry.
- ✓ PVC insulating sleeve.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.

PVC
INSULATION



Preinsulated Butt Splices

 mm ²	 x100 /bag	 Part No.	 Ø mm	Material	L
● 0.34 - 1.5	7307851	MLCR	4	PVC	24.6
● 1 - 2.5	7307871	MLCB	4.5	PVC	24.6
● 2.6 - 6	7307891	MLCJ	6.3	PVC	26.5

General features

- ✓ Applications: Automotive electricity, telecommunications and miscellaneous installations.



PVC
INSULATION



Self-stripping Quick Connectors

 mm ²	 x100 /Bag	 Part No.	 x10 /Bag	 Part No.	Colour
● 0.5 - 1	7270021	CR110	7270022	B10CR110	Red
● 0.75 - 2.5	7270011	CR210	7270013	B10CR210	Blue



Conductor size
(mm²)



Packing



Cable insulation
max Ø



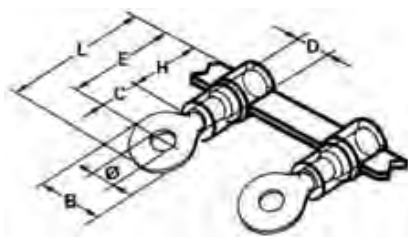
Stud size



Chain Preinsulated Ring Terminals

General features

- ✓ Tin-plated copper terminals.
- ✓ PVC insulating sleeve with "Easy entry" conical entry.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.



mm²



Item code



Part No.



Ø mm

B C L H E D



Applicators
for NCA100T
crimping
machine

● 0.34 - 1.5	7291010	BA2	2	5.5	4.75	17.5	10	14.75	4.1	1 500	*NC11A
	7291011	BA3S	3	5.7	4.55	17.4	10	14.55	4.1		
	7291012	BA3	3	5.5	4.75	17.5	10	14.75	4.1		
	7291013	BA3,5S	3.5	5.7	4.55	17.4	10	14.55	4.1		
	7291014	BA3,5	3.5	8	7.1	21.1	10	17.1	4.1		
	7291015	BA3,5M	3.5	6.8	6	19.4	10	16	4.1		
	7291061	BA4M	4	6.8	6	19.4	10	16	4.1		
	7291071	BA4	4	8	7.1	21.1	10	17.1	4.1		
	7291072	BA5	5	8	7.1	21.1	10	17.1	4.1		
	7291091	BA6	6	12	9.7	25.7	10	19.7	4.1		
● 1 - 2.5	7291118	BA8	8	12	9.7	25.7	10	19.7	4.1	1 500	NC12A
	7291145	BB2	2	6.5	4.95	18.2	10	14.95	4.5		
	7291146	BB3	3	6.5	4.95	18.2	10	14.95	4.5		
	7291147	BB3,5S	3.5	6.6	7.6	20.9	10	17.6	4.5		
	7291148	BB3,5	3.5	6.5	4.95	18.2	10	14.95	4.5		
	7291149	BB3,5M	3.5	8	7.5	21.5	10	17.5	4.5		
	7291161	BB4S	4	6.6	6.6	19.9	10	16.6	4.5		
	7291151	BB4	4	8.5	7.75	22	10	17.75	4.5		
	7291190	BB4M	4	8	7.5	21.5	10	17.5	4.5		
	7291191	BB5M	5	8	7.5	21.5	10	17.5	4.5		
● 2.6 - 6	7291201	BB5	5	9.5	7.75	22.5	10	17.75	4.5	1 000	** NC13A
	7291211	BB6	6	12	11	27	10	21	4.5		
	7291221	BB8	8	12	11	27	10	21	4.5		
	7291222	BB10	10	15	12.5	30	10	22.5	4.5		
	7291265	BC3S	3	9	7.2	25.7	14	21.2	6.8		
	7291266	BC3,5S	3.5	9	7.2	25.7	14	21.2	6.8		
	729267	BC3,5	3.5	9.5	8.25	27	14	22.25	6.8		
	7291271	BC4S	4	9	7.2	25.7	14	21.2	6.8		
	7291281	BC4	4	9.5	8.25	27	14	22.25	6.8		
	7291302	BC5S	5	9	7.2	25.7	14	21.2	6.8		
	7291301	BC5	5	9.5	8.25	27	14	22.25	6.8		
	7291311	BC6	6	12	10.5	30.5	14	24.5	6.8		
	7291321	BC8	8	15	14	35.5	14	28	6.8		
	7291331	BC10	10	15	14	35.5	14	28	6.8		

* NC11A2 applicator is to be used for conductors from 0.3 to 0.5 mm².

** NC13A2 is to be used for conductors from 2.6 to 3.5 mm² and NC13A for conductors from 3.5 to 6.6 mm².



Nominal section
(mm²)



Bolt Ø



Quantity per reel

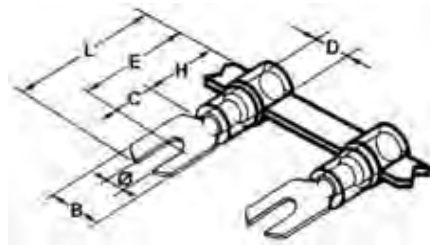
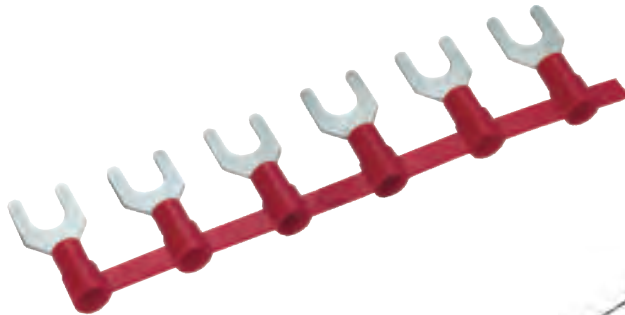
Unless otherwise stated,
all dimensions are in millimeters.

Chain Preinsulated Fork Terminals



General features

- ✓ Tin-plated copper terminals.
- ✓ PVC insulating sleeve with "Easy entry" conical entry.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.



 mm²	Item code	Part No.	 Ø mm	B	C	L	H	E	D		Applicators for NCA100T crimping machine
● 0.34 - 1.5	7291385	BRGFA3	3	5.8	6.6	21.5	10	16.6	4.1	1 500	*NC11A
	7291386	BRGFA3,5L	3.5	6.2	6.8	21.5	10	16.8	4.1		
	7291423	BRGFA4S	4	7	7.6	21.9	10	17.6	4.1		
	7291391	BRGFA4N	4	6.4	6.6	21.9	10	16.6	4.1		
	7291424	BRGFA4M	4	8.1	7.5	21.9	10	17.7	4.1		
	7291426	BRGFA4L	4	9.6	8.3	23	10	18.3	4.1		
	7291425	BRGFA5	5	9.6	8.3	23	10	18.3	4.1		
● 1 - 2.5	7291427	BRGFA6	6	11	8.6	25.5	10	18.6	4.1	1 500	NC12A
	7291445	BRGFB3	3	5.9	6.6	21.3	10	16.6	4.5		
	7291446	BRGFB3,5	3.5	6.4	6.6	21.3	10	16.6	4.5		
	7291449	BRGFB4S	4	7	7	21.3	10	17	4.5		
	7291451	BRGFB4N	4	6.4	6.6	21.3	10	16.6	4.5		
	7291452	BRGFB4	4	8	7.1	21.5	10	17.1	4.5		
	7291453	BRGFB4M	4	10	8.7	22.6	10	18.7	4.5		
	7291454	BRGFB5	5	8	7.1	21.5	10	17.1	4.5		
	7291455	BRGFB5M	5	10	8.7	22.6	10	18.7	4.5		
	7291456	BRGFB5L	5	12	8.5	23.5	10	18.5	4.5		
● 2.6 - 6	7291457	BRGFB6	6	12	8.6	23.5	10	18.6	4.5	1 000	** NC13A
	7291530	BRGFC3,5	3.5	9	7.2	25.7	14	21.2	6.8		
	7291531	BRGFC4	4	9	7.2	25.7	14	21.2	6.8		
	7291541	BRGFC5	5	9	7.2	25.7	14	21.2	6.8		
	7291551	BRGFC6	6	12.5	12	32.7	14	26	6.8		

* NC11A2 applicator is to be used for conductors from 0.3 to 0.5 mm².

** NC13A2 is to be used for conductors from 2.6 to 3.5 mm² and NC13A for conductors from 3.5 to 6.6 mm².



Nominal section (mm²)



Bolt Ø



Quantity per reel

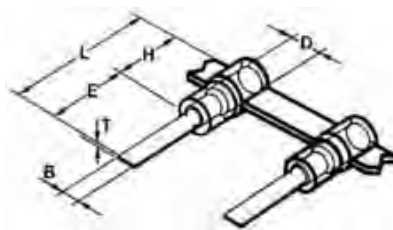
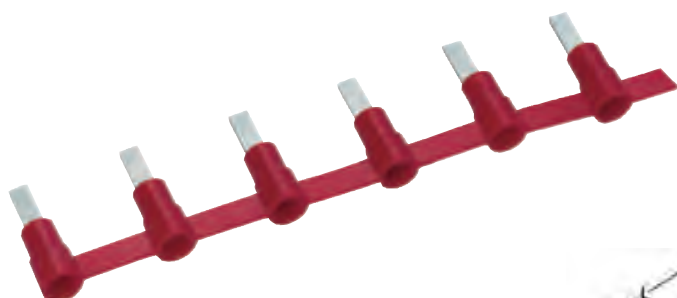
Unless otherwise stated, all dimensions are in millimeters.



Chain Preinsulated Blade and Pin Terminals

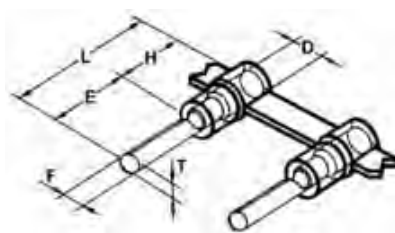
General features

- ✓ Tin-plated copper terminals.
- ✓ PVC insulating sleeve with "Easy entry" conical entry.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.



Chain Preinsulated Blade Terminals

 mm ²	Item code	Part No.	B	E	L	H	D	T		Applicators for NCA100T crimping machine
● 0.34 - 1.5	7291601	BPFA2,8	2.8	9.1	19.1	10	4.1	0.7	1 500	*NC11A
	7291603	BPFA3,4	3.4	10.3	20.3	10	4.1	0.7		
	7291590	BPFA2,2 C	2.2	10.5	20.5	10	4.1	0.7		
	7291605	BPFA3 C	3	11.2	21.2	10	4.1	0.7		
	7291602	BPFA3	3	14.6	24.6	10	4.1	0.7		
● 1 - 2.5	7291607	BPFA2,2	2.2	18.5	28.5	10	4.1	0.7	1 500	NC12A
	7291611	BPFB2,8	2.2	9.1	19.1	10	4.5	0.8		
	7291610	BPFB2,2	2.2	18.5	28.5	10	4.5	0.8		
● 2.6 - 6	7291619	BPFC2,8	2.8	10	24	14	6.8	0.9	1 000	**NC13A
	7291620	BPFC4,5 C	4.5	13	27	14	6.8	0.9		
	7291621	BPFC4,5	4.5	18	32	14	6.8	0.9		



Chain Preinsulated Pin Terminals

 mm ²	Item code	Part No.	B	E	L	H	D	T		Applicators for NCA100T crimping machine
● 0.34 - 1.5	7291661	BPRA1,9	1.9	11.2	21.2	10	4.1	0.7	1 500	*NC11A
● 1 - 2.5	7291681	BPRB1,9	1.9	11.7	21.7	10	4.5	0.7	1 500	NC12A
● 2.6 - 6	7291682	BPRC2,7	2.7	12.5	28.5	14	6.8	0.9	1 000	**NC13A

* NC11A2 applicator is to be used for conductors from 0.3 to 0.5 mm².

** NC13A2 is to be used for conductors from 2.6 to 3.5 mm² and NC13A for conductors from 3.5 to 6.6 mm².



Nominal section (mm²)



Quantity per reel

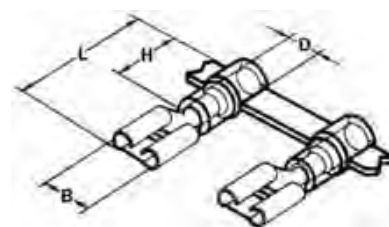
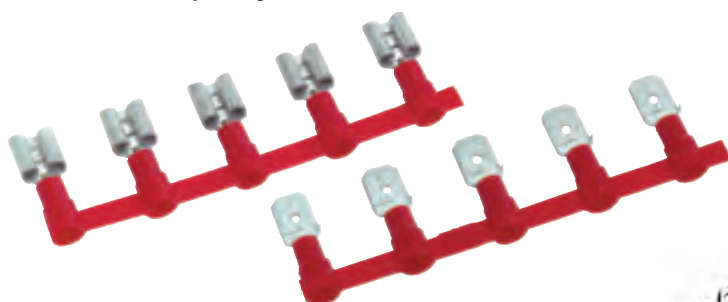
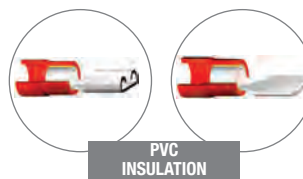
Unless otherwise stated, all dimensions are in millimeters.

Chain Preinsulated Female and Male Disconnects



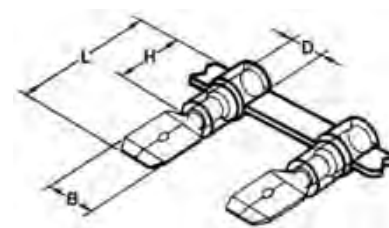
General features

- ✓ Tin-plated brass disconnects.
- ✓ PVC insulating sleeve with "Easy entry" conical entry.
- ✓ Copper sleeve.
- ✓ Grooves in the barrel provide a better tensile strength.
- ✓ Max. operating temperature: +75°C.
- ✓ Flammability rating: UL 94V0.



Chain Preinsulated Female Disconnects

	 mm ²	Item code	Part No.	Disconnects	B	L	D	H		Applicators for NCA100T crimping machine
● 0.34 - 1.5		7291701	BQA2,8-5	2.8 x 0.5	3.2	19.5	4.1	10	1 500	NC11A
		7291711	BQA2,8-8	2.8 x 0.8	3.2	19.5	4.1	10		
		7291712	BQA4,8-5	4.8 x 0.5	5	19.5	4.1	10		
		7291881	BQA4,8-8	4.8 x 0.8	5	19.5	4.1	10		
		7291781	BQA6,35	6.3 x 0.8	6.9	21	4.1	10		
● 1 - 2.5		7291875	BQB2,8-5	2.8 x 0.5	3.2	19.5	4.5	10	1 500	NC12A
		7291876	BQB2,8-8	2.8 x 0.8	3.2	19.5	4.5	10		
		7291877	BQB4,8-5	4.8 x 0.5	5	19.5	4.5	10		
		7291878	BQB4,8-8	4.8 x 0.8	5	19.5	4.5	10		
		7291791	BQB6,35	6.3 x 0.8	6.9	21	4.5	10		
● 2.6 - 6		7291801	BQC6,35	6.3 x 0.8	6.9	25	6.8	14	1 000	NC13A



Chain Preinsulated Male Disconnects

	 mm ²	Item code	Part No.	Disconnects	B	L	D	H		Applicators for NCA100T crimping machine
● 0.34 - 1.5		7291811	BQMA6,35	6.3 x 0.8	6.35	21	4.1	10	1 500	NC11A
		7291810	BQMB4,8	4.8 x 0.5	4.75	19.5	4.5	10		
● 1 - 2.5		7291821	BQMB6,35	6.3 x 0.8	6.35	21	4.5	10	1 500	NC12A
● 2.6 - 6		7291823	BQMC6,35	6.3 x 0.8	6.35	25	6.8	14	1 000	NC13A



Nominal section (mm²)



Quantity per reel

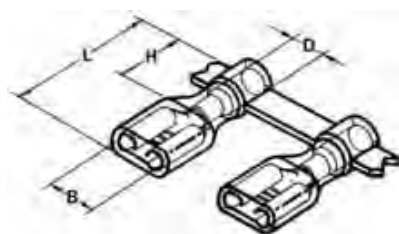
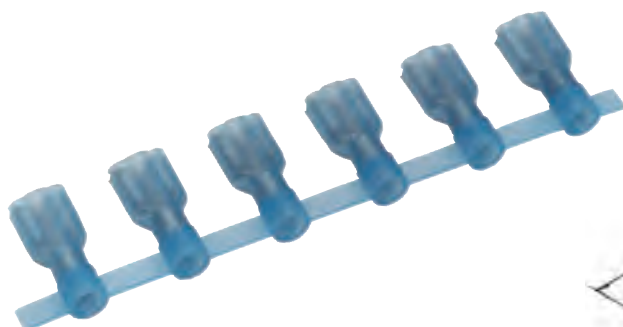
Unless otherwise stated, all dimensions are in millimeters.



Chain Fully Preinsulated Female Disconnects

General features

- ✓ Tin-plated brass disconnects.
- ✓ 6.6 Polyamide insulating sleeve with "Easy entry" conical entry.
- ✓ Copper sleeve.
- ✓ Grooves in the barrel provide a better tensile strength.
- ✓ Max. operating temperature: +105°C.
- ✓ Flammability rating: UL 94V2.



Item
code

Part
No.

Disconnects

B

L

D

H



Applicators
for NCA100T
crimping
machine

			Disconnects	B	L	D	H		
● 0.34 - 1.5	7291851	BQAP2,8-5	2.8 x 0.5	3.2	19.5	4.1	9.8	1 500	NC11J
	7291870	BQAP4,8-5	4.8 x 0.5	5	19.5	4.1	9.8	1 500	NC11E
	7291872	BQAP4,8-8	4.8 x 0.8	5	19.5	4.1	9.8	1 000	NC11F
● 1 - 2.5	7291871	BQAP6,35	6.3 x 0.8	6.9	21	4.1	9.8	1 000	NC11F
	7291873	BQBP4,8-5	4.8 x 0.5	5	19.5	4.5	9.8	1 500	NC12E
	7291900	BQBP4,8-8	4.8 x 0.8	5	19.5	4.5	9.8	1 500	NC12E
	7291901	BQBP6,35	6.3 x 0.8	6.9	21	4.5	9.8	1 000	NC12F



Nominal section
(mm²)



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

Automatic Crimping Machine

for Chain Preinsulated Terminals



General features

- ✓ Capacity: from 0.3 to 6.6 mm².
- ✓ Force: 12 kN.
- ✓ Release: pedal.
- ✓ Air supply: 3/8" thread.
- ✓ Air pressure: 5 bars min - 8 bars max
- ✓ Consumption: 0.5 L per crimping operation.
- ✓ Crimping time: 0.8 second.
- ✓ Voltage: 220 volts.
- ✓ Electric consumption: 20 watts.
- ✓ Weight: 40 kg.



Item
code

7490121

Part
No.

NCA100T

Note: see use details page 90.

Comparative output per hour



Number of crimped parts per hour

NCA100T crimping machine for chain terminals	1 200 to 2 000
Usual pneumatic tooling	350
Hand tool	120



Tooling

Unless otherwise stated,
all dimensions are in millimeters.



Automatic Crimping Machine for Chain Preinsulated Terminals

Operation

Using chain preinsulated terminals and disconnects, the product to be crimped is automatically positioned under the crimping dies. The crimping operation is correctly carried out whatever the skill of the operator.

Thanks to an appropriate shape, the insulating sleeves guide the strands inside the barrel of the terminals, thus reducing the risk of having them turned during the introduction (case of flexible conductors).



Insert the conductor into the terminal or disconnect



Crimp the product.



Next terminal or disconnect is automatically positioned under the dies

Table of tooling

Products to be crimped	Colour of insulating sleeves	Conductor size (mm ²) or male disconnect dimensions (mm)	Applicators for NCA100T crimping machine	
			Item code	Part No.
Ring and fork terminals Cable pins and blade terminals Pages : 84 to 86	●	0.3 - 0.5 mm ²	7490700	NC11A2
		0.5 - 1.6 mm ²	7490701	NC11A
	●	1.0 - 2.6 mm ²	7490710	NC12A
		2.6 - 3.5 mm ²	7490722	NC13A2
		3.5 - 6.6 mm ²	7490721	NC13A
Female and male disconnects Page : 87	●	0.3 - 1.5 mm ²	7490701	NC11A
	●	1.0 - 2.6 mm ²	7490710	NC12A
	●	2.6 - 6.6 mm ²	7490721	NC13A
	●	4.8 x 0.5 mm	7490732	NC11E
Fully preinsulated female disconnects Page : 88	●	4.8 x 0.8 mm		
		6.3 x 0.8 mm	7490733	NC11F
		4.8 x 0.5 mm	7490711	NC12F
	●	4.8 x 0.8 mm		
		6.3 x 0.8 mm	7490711	NC12F

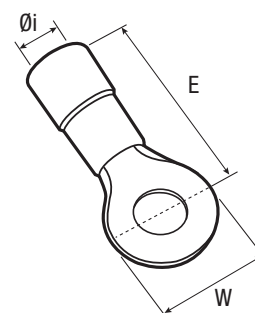
Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Ring Terminals



General features

- ✓ Tin-plated copper.
- ✓ Grooves in the barrel improve the contact with the cable strands and provide a better tensile strength.
- ✓ 6.6 Polyamide insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Max. operating temperature: +105°C.
- ✓ Flammability rating: UL 94V2.



	 mm ²	 x100 /bag	 Part No.	 Ø mm	 Ø mm	W	Ø i	E
● 0.5 - 1.5	7212320		BE1M27D	4.1	2.5	6	1.6	17
	7212325		BE1M32D	4.1	3	6	1.6	17
	7212330		BE1M37D	4.1	3.5	6	1.6	17
	7212335		BE1M43D	4.1	4	8	1.6	17.5
	7212340		BE1M53D	4.1	5	10	1.6	19
	7212345		BE1M65D	4.1	6	11	1.6	19
	7212350		BE1M84	4.1	8	14	1.6	23
	7212355		BE1M105	4.1	10	18	1.6	23
● 1.5 - 2.5	7212360		BE25M32D	4.5	3	6	2.3	17
	7212365		BE25M37D	4.5	3.5	6	2.3	17
	7212370		BE25M43D	4.5	4	8	2.3	18
	7212375		BE25M53D	4.5	5	10	2.3	20
	7212380		BE25M65D	4.5	6	11	2.3	22
	7212385		BE25M84D	4.5	8	14	2.3	23
	7212390		BE25M105D	4.5	10	18	2.3	25
● 4 - 6	7212395		BE6M43D	6.4	4	8	3.6	21
	7212400		BE6M53D	6.4	5	10	3.6	22
	7212405		BE6M65D	6.4	6	11	3.6	23
	7212410		BE6M84D	6.4	8	14	3.6	26
	7212415		BE6M105D	6.4	10	18	3.6	28



Nominal section
(mm²)



Packing



Cable insulation
max Ø



Bolt Ø

Unless otherwise stated,
all dimensions are in millimeters.



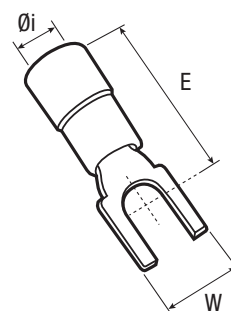
Preinsulated Fork Terminals

General features

- ✓ Tin-plated copper.
- ✓ Grooves in the barrel improve the contact with the cable strands and provide a better tensile strength.
- ✓ 6.6 Polyamide insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Max. operating temperature: +105°C.
- ✓ Flammability rating: UL 94V2.



POLYAMIDE INSULATION



	 mm ²	 x100 /Bag	 Part No.	 Ø mm	 Ø mm	W	Ø i	E
● 0.5 - 1.5	7212425		BE1FM32D	4	3	6	1.6	17
	7212430		BE1FM37D	4	3.5	6	1.6	17
	7212435		BE1FM43D	4	4	6.8	1.6	18
	7212440		BE1FM53D	4	5	10	1.6	19
	7212445		BE1FM65D	4	6	11	1.6	21
● 1.5 - 2.5	7212450		BE25FM32D	4.5	3	5.5	2.3	19
	7212455		BE25FM37D	4.5	3.5	6	2.3	17
	7212460		BE25FM43D	4.5	4	6.8	2.3	19
	7212465		BE25FM53D	4.5	5	10	2.3	20
	7212470		BE25FM65D	4.5	6	11	2.3	22
● 4 - 6	7212475		BE6FM43D	6.4	4	8	3.6	21
	7212480		BE6FM53D	6.4	5	10	3.6	22
	7212485		BE6FM65D	6.4	6	11	3.6	23
	7212490		BE6FM84D	6.4	8	14	3.6	26



Conductor size (mm²)



Packing



Cable insulation max Ø

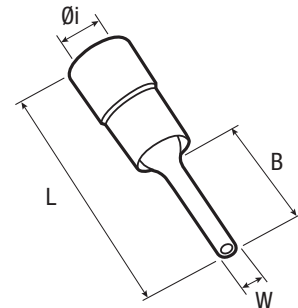
Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Pin Terminals and Female Disconnects



General features

- ✓ Tin-plated copper.
- ✓ Grooves in the barrel improve the contact with the cable strands and provide a better tensile strength.
- ✓ 6.6 Polyamide insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Max. operating temperature: +105°C.
- ✓ Flammability rating: UL 94V2.



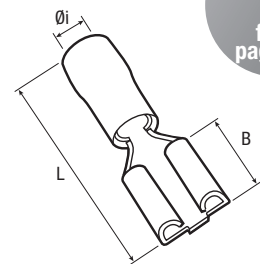
Preinsulated Pin Terminals

	 mm ²	 x100 /Bag	 Part No.	 Ø mm	W	B	Ø i	L
● 0.5 - 1.5		7276115	BE1W10	4.1	1.9	9	1.6	19
		7276120	BE1W13D	4.1	1.9	12	1.6	22
● 1.5 - 2.5		7276125	BE25W10	4.5	1.9	9	2.3	1
		7276130	BE25W13	4.5	1.9	11	2.3	22
		7276135	BE25W13D	4.5	1.9	20	2.3	30
● 4 - 6		7276140	BE6W13D	6.4	2.7	14	3.6	27

General features

Preinsulated Female Disconnects:

- ✓ Tin-plated brass.
- ✓ Grooves in the barrel improve the contact with the cable strands and provide a better tensile strength.
- ✓ 6.6 Polyamide insulating sleeve.
- ✓ "Easy entry" conical entry.
- ✓ Copper sleeve for crimping insulation giving better resistance to vibration.
- ✓ Max. operating temperature: +105°C.
- ✓ Flammability rating: UL 94V2.



Preinsulated Female Terminals

	 mm ²	 Bulk packing	 x100 /Bag	 Ø mm	Male disconnects	B	Ø i	L	
	Item code	Part No.	Item code	Part No.					
● 0.5 - 1	7252200	DQA2,8-5	7252201	B100DQA2,8-5	4.1	2.8 x 0.5	6.4	1.8	17.5
	7252205	DQA2,8-8	7252206	B100DQA2,8-8	4.1	2.8 x 0.8	6.4	1.8	17.5
	7252210	DQA5	7252211	B100DQA5	4.1	4.8 x 0.5	6	1.8	18
	7252215	DQA4,7-8	7252216	B100DQA4,7-8	4.1	4.8 x 0.8	6	1.8	18
	7252220	DQA6,35	7252221	B100DQA6,35	4.1	6.3 x 0.8	7.5	1.8	22
	7252225	DQA8	7252226	B100DQA8	4.1	8.0 x 0.8	9.5	1.8	25
● 1.5 - 2.5	7252230	DQB5	7252231	B100DQB5	4.5	4.8 x 0.5	6	2.4	18
	7252235	DQB4,7-8	7252236	B100DQB4,7-8	4.5	4.8 x 0.8	6	2.4	18
	7252240	DQB6,35	7252241	B100DQB6,35	4.5	6.3 x 0.8	6	2.4	21
	7252245	DQB8	7252246	B100DQB8	4.5	8.0 x 0.8	9.5	2.4	25
● 4 - 6	7252250	DQC6,35	7252251	B100DQC6,35	6.4	6.3 x 0.8	7.5	3.8	21
	7252255	DQC9,5	7252256	B100DQC9,5	6.4	9.4 x 1.2	12	3.8	26.5



Nominal section (mm²)



Packing



Cable insulation max Ø

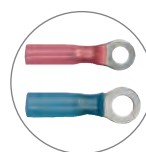
Unless otherwise stated, all dimensions are in millimeters.



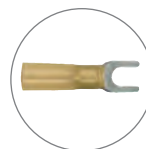
Preinsulated Terminals with Dual-wall Heat-shrinkable Insulation

General features

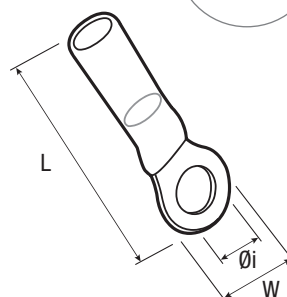
- ✓ Insulating sleeve: heat-shrinkable tubing with internal adhesive.
- ✓ Shrink temperature: +150°C.
- ✓ Operating temperature: from -10°C to +105°C.



TH Series

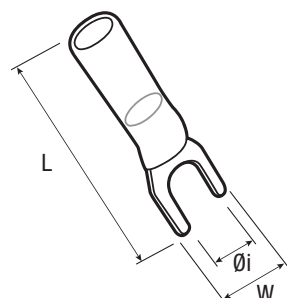


THF Series



TH series

 mm ²	 x100 /Bag	 Part No.	 Ø mm	W	F
● 0.5 - 1.5	7465500	THA3,7	3.7	5.5	25
	7465501	THA4	4	8	28.5
	7465502	THA5	5	8	28.5
	7465503	THA6	6	11.6	34.5
	7465504	THA8	8	11.6	34.5
● 1.5 - 2.5	7465505	THA10	10	13.6	37.5
	7465506	THB3,7	3.7	6.6	26.5
	7465507	THB4	4	8.5	30.5
	7465508	THB5	5	9.5	30.5
	7465509	THB6	6	12	35.5
● 4 - 6	7465510	THB8	8	12	35.5
	7465511	THB10	10	13.6	37.5
	7465512	THC4	4	9.5	34.2
	7465513	THC5	5	9.5	34
	7465514	THC6	6	12	37.5
	7465515	THC8	8	15	42
	7465516	THC10	10	15	42
	7465517	THC12	12	19.2	46.5



THF series

 mm ²	 x100 /Bag	 Part No.	 Ø mm	W	F
● 0.5 - 1	7 465 518	THFA3,7	3.7	6.4	29.3
	7 465 519	THFA4	4	7.2	29.6
	7 465 520	THFA5	5	9.5	30
● 1.5 - 2.5	7 465 521	THFB3,7	3.7	6	28.5
	7 465 522	THFB4	4	7.2	29.5
	7 465 523	THFB5	5	9.5	30.5
● 4 - 6	7 465 524	THFC4	4	9	33.5
	7 465 525	THFC5	5	9	33.5
	7 465 526	THFC6	6	12	41



Conductor size (mm²)



Packing



Cable insulation max Ø

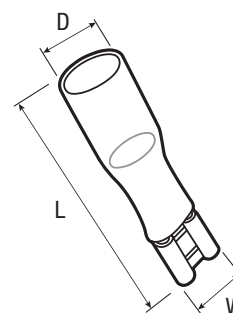
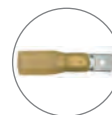
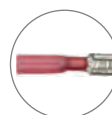
Unless otherwise stated, all dimensions are in millimeters.

Preinsulated Disconnects with Duall-wall Heat-shrinkable Insulation



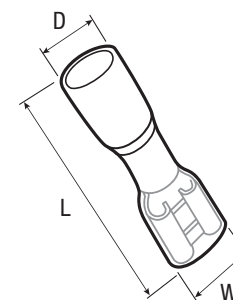
General features

- ✓ Tin-plated copper.
- ✓ Insulating sleeve: heat-shrinkable tubing with internal adhesive.
- ✓ Shrink temperature: +150°C.
- ✓ Operating temperature: from -10°C to +105°C.



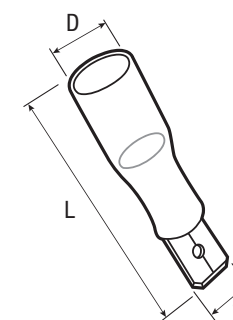
THQ series

 mm ²	 x100 / Bag	 Part No.	Width	Thickness	W	L	D
● 0.5 - 1.5	7465527	THQA6,35	6.3	0.8	6.6	34	5.5
● 1.5 - 2.5	7465528	THQB6,35	6.3	0.8	6.6	34	6
● 4 - 6	7465529	THQC6,35	6.3	0.8	6.6	35	8.1



THQP series

 mm ²	 x100 / Bag	 Part No.	Width	Thickness	W	L	D
● 0.5 - 1.5	7465530	THQAP6,35	6.3	0.8	6.6	33	7.5
● 1.5 - 2.5	7465531	THQBP6,35	6.3	0.8	6.6	33	7.5
● 4 - 6	7465532	THQCP6,35	6.3	0.8	6.6	35	8.1



THQM series

 mm ²	 x100 / Bag	 Part No.	Thickness	W	L	D
● 0.5 - 1.5	7465533	THQMA6,35	0.8	6.3	35	5.5
● 1.5 - 2.5	7465534	THQMB6,35	0.8	6.3	32	6
● 4 - 6	7465535	THQMC6,35	0.8	6.3	35	8.1



Conductor size (mm²)



Packing

Unless otherwise stated, all dimensions are in millimeters.



Crimping Splices with Duall-wall Heat-shrinkable Insulation

General features

The crimping splice with waterproof seal is a connection made of a duall-wall heat-shrinkable insulation containing a thermoplastic adhesive integral with a tin-plated copper sleeve.

- ✓ Range from 0.5 to 6 mm² in 3 part numbers.
- ✓ Shrink ratio: 3/1.
- ✓ Shrink temperature: 120°C.
- ✓ Operating temperature: from – 55°C to + 95°C.
- ✓ Insulation in compliance with MIL-I-23053/4 class 2 standard.
- ✓ Dielectric strength: 15 kV / mm.



 mm ²	 x100 /Bag	 Part No.	 Ø mm	Total length	Colour
● 0.5 - 1.5	7469930	BHT1	4.2	36	Red
● 1.5 - 2.5	7469931	BHT2	4.9	36	Blue
● 4 - 6	7469932	BHT3	6.4	41	Yellow

Fig. 1

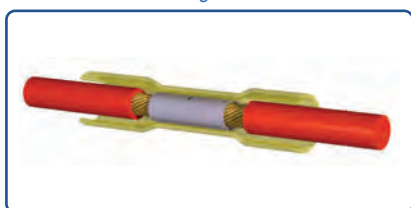


Fig. 2

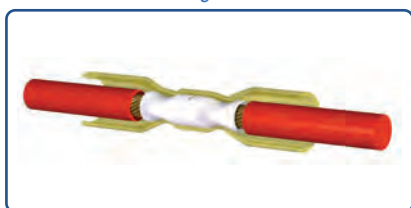
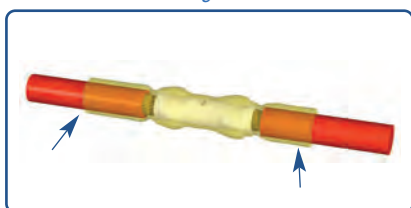


Fig. 3



Instructions

- ✓ Strip 8 mm of cable.
- ✓ Determine proper butt splice for the size of cable.
- ✓ Insert the first cable conductor into the butt splice up to the stop situated at the centre of the copper sleeve.
- ✓ Make the first crimp (PM2000G tool).
- ✓ Repeat this operation on the other side of the cable conductor (fig. 1 & 2).
- ✓ For the shrink, apply heat from the centre up to each end of the sleeve.
- ✓ Continue to shrink until adhesive can be seen between the cable insulation and butt splice (fig. 3).
- ✓ Caution! Do not use an open flame. The use of the hot air gun HL1920E is recommended (page 214).



Conductor size
(mm²)



Packing



Cable insulation
max Ø

Unless otherwise stated,
all dimensions are in millimeters.

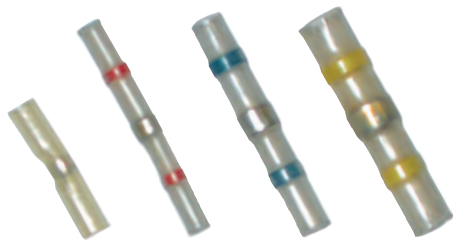


General features

The solder splice with waterproof seal is a connection made of a duall-wall heat-shrinkable insulation containing a fusible thermoplastic adhesive with a soldering ring in its centre.

- ✓ Range from 0.1 to 6 mm² in 4 part numbers.
- ✓ Shrink ratio: 3/1.
- ✓ Shrink temperature: 120°C.
- ✓ Melting temperature of the solder alloy: 145° C min.
- ✓ Recommended shrinking temperature: 250° C.
- ✓ Operating temperature: from -55°C to +95°C.
- ✓ Insulation in compliance with MIL-I-23053/4 class 2 standard.
- ✓ Dielectric strength: 15 kV / mm.

SOLD
Series



 mm ²	 x100 /Bag	 Part No.	 Ø mm	Total length	Colour
○ 0.2 - 0.75	7469940	SOLD05	1.5	25	Transparent
● 0.8 - 2	7469941	SOLD10	2.7	42	Red
● 2 - 4	7469942	SOLD25	4.5	42	Blue
● 4 - 6	7469943	SOLD60	6.0	42	Yellow

Fig. 1

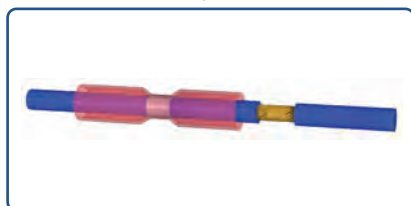


Fig. 2

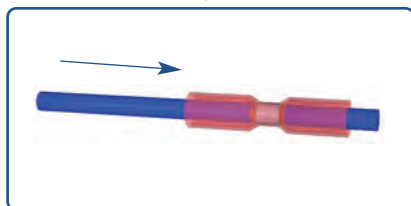
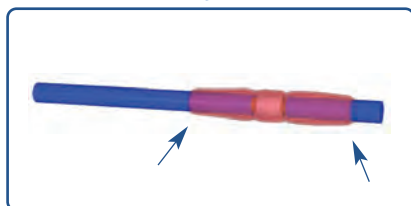


Fig. 3



Instructions

- ✓ Strip cable conductors for approx 8 mm.
- ✓ Determine the proper solder splice for size of cable.
- ✓ Slide the solder splice over one end.
- ✓ Push both ends together to intermingle strands (fig. 1).
- ✓ Slide over joined cables until solder ring is positioned in the centre of stripped part (fig. 2).
- ✓ Apply heat from the centre to each end of the sleeve, use hot air heating tool until the sleeve is recovered.
- ✓ Continue to shrink until adhesive can be seen between the cable insulation and solder splice (fig. 3).
- ✓ Focus heat on the solder until it becomes molten.
- ✓ Caution! Do not use an open flame. The use of the hot air gun part HL1920E is recommended (page 214).



Conductor size
(mm²)



Packing



Cable insulation
max Ø

Unless otherwise stated,
all dimensions are in millimeters.



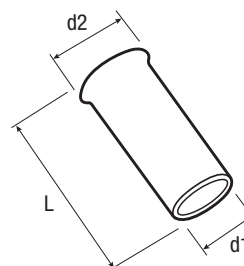
Non Insulated End Sleeves

General features

✓ Material: tin-plated copper.

AH
Series

Compliant
DIN
46228/1



 mm ²	 x1000 /Bag		d1	d2	L
Item code	Part No.				
0.25	7177001	AH0,2-5	0.8	1.7	5
	7177003	AH0,2-7	0.8	1.7	7
0.34	7177011	AH0,3-5	0.9	1.8	5
	7177013	AH0,3-7	0.9	1.8	7
0.5	7177021	AH0,5-6	1	2.1	6
	7177023	AH0,5-8	1	2.1	8
0.75	7177025	AH0,5-10	1	2.1	10
	7177031	AH0,7-6	1.2	2.3	6
1	7177033	AH0,7-8	1.2	2.3	8
	7177035	AH0,7-10	1.2	2.3	10
1.5	7177037	AH0,7-12	1.2	2.3	12
	7177051	AH1-6	1.4	2.5	6
2.5	7177053	AH1-8	1.4	2.5	8
	7177055	AH1-10	1.4	2.5	10
4	7177057	AH1-12	1.4	2.5	12
	7177071	AH1,5-7	1.7	2.8	7
6	7177073	AH1,5-10	1.7	2.8	10
	7177075	AH1,5-12	1.7	2.8	12
10	7177077	AH1,5-15	1.7	2.8	15
	7177079	AH1,5-18	1.7	2.8	18
16	7177091	AH2,5-7	2.2	3.4	7
	7177093	AH2,5-10	2.2	3.4	10
25	7177095	AH2,5-12	2.2	3.4	12
	7177097	AH2,5-15	2.2	3.4	15
35	7177099	AH2,5-18	2.2	3.4	18
	7177101	AH2,5-20	2.2	3.4	20
50	7177111	AH4-9	2.8	4	9
	7177110	AH4-10	2.8	4	10
70	7177113	AH4-12	2.8	4	12
	7177115	AH4-15	2.8	4	15
95	7177117	AH4-18	2.8	4	18
	7177119	AH4-20	2.8	4	20

 mm ²	Item code	Part No.		d1	d2	L
6	7177131	AH6-10	1 000	3.5	4.7	10
	7177133	AH6-12	1 000	3.5	4.7	12
	7177135	AH6-15	500	3.5	4.7	15
	7177137	AH6-18	500	3.5	4.7	18
	7177139	AH6-20	500	3.5	4.7	20
10	7177151	AH10-12	1 000	4.5	5.8	12
	7177153	AH10-15	500	4.5	5.8	15
	7177155	AH10-18	500	4.5	5.8	18
	7177157	AH10-20	500	4.5	5.8	20
	7177171	AH16-12	500	5.8	7.5	12
16	7177173	AH16-15	500	5.8	7.5	15
	7177175	AH16-18	500	5.8	7.5	18
	7177177	AH16-20	250	5.8	7.5	20
	7177179	AH16-25	250	5.8	7.5	25
	7177181	AH16-32	250	5.8	7.5	32
25	7177191	AH25-12	250	7.3	9.5	12
	7177193	AH25-15	250	7.3	9.5	15
	7177195	AH25-18	250	7.3	9.5	18
	7177197	AH25-25	250	7.3	9.5	25
	7177199	AH25-32	250	7.3	9.5	32
35	7177211	AH35-18	100	8.3	11	18
	7177213	AH35-25	100	8.3	11	25
	7177215	AH35-32	100	8.3	11	32
50	7177231	AH50-18	100	10.3	13	18
	7177233	AH50-22	100	10.3	13	22
	7177235	AH50-25	100	10.3	13	25
	7177237	AH50-32	100	10.3	13	32
70	7177239	AH70-25	100	12.5	15	25
	7177241	AH70-32	100	12.5	15	32
95	7177248	AH95-25	100	14.5	17	25
	7177250	AH95-32	100	14.5	17	32



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.



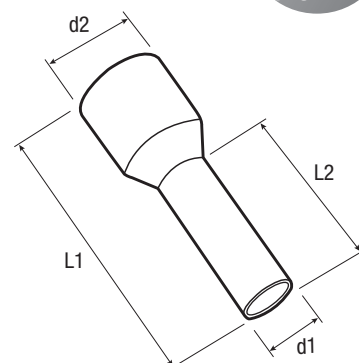
General features

- ✓ Material: tin-plated copper and insulating collar.
- ✓ Polypropylene insulating sleeve.
- ✓ Max. operating temperature: 105°C.

**CE/CA
Series**

**Compliant
DIN
46228/4**

**Compliant
NFC
63023**



 mm ²	NFC 63023			DIN 46228/4			DIN 46228/4 except colors				d1	d2	L1	L2
	Item code	Part No.	Colour	Item code	Part No.	Colour	Item code	Part No.	Colour					
0.25				7170031	CE002D	●				1 000	0.75	1.8	10	6
0.34	7170041	CE003	●	7170042	CE003D	●	7170043	CE003W	●	1 000	0.8	2	12	8
0.5	7170051	CE005	○	7170051	CE005	○	7170052	CE005W	●	1 000	1	2.6	14	8
0.75	7170071	CE007	●	7170072	CE007D	●	7170073	CE007W	○	1 000	1.2	2.8	14	8
	7170081	CE0072	●	7170082	CE0072D	●	7170083	CE0072W	○	1 000	1.2	2.8	18	12
1	7170101	CE010	●	7170101	CE010	●	7170102	CE010W	●	1 000	1.4	3	14	8
	7170261	CE0103	●	7170261	CE0103	●	7170103	CE0103W	●	1 000	1.4	3	18	12
1.5	7170151	CE015	●	7170151	CE015	●	7170154	CE015W	●	1 000	1.7	3.5	14	8
	7170152	CE0152	●	7170152	CE0152	●	7170155	CE0152W	●	1 000	1.7	3.5	18	12
	7170153	CE0153	●	7170153	CE0153	●	7170156	CE0153W	●	1 000	1.7	3.5	24	18
2.5	7170251	CE025	●	7170256	CE025D	●	7170256	CE025D	●	1 000	2.2	4.2	14	8
	7170252	CE0252	●	7170271	CE0252D	●	7170271	CE0252D	●	1 000	2.2	4.2	18	12
	7170253	CE0253	●	7170272	CE0253D	●	7170272	CE0253D	●	1 000	2.2	4.2	24	18
4	7170421	CA042	●	7170422	CA042D	●	7170422	CA042D	●	1 000	2.8	4.8	17	10
	7170401	CA040	●	7170423	CA040D	●	7170423	CA040D	●	1 000	2.8	4.8	20	12
	7170431	CA043	●	7170424	CA043D	●	7170424	CA043D	●	1 000	2.8	4.8	26	18
6	7170621	CA062	●	7170622	CA062D	●	7170623	CA062W	●	100	3.5	6.3	20	12
	7170631	CA063	●	7170632	CA063D	●	7170633	CA063W	●	100	3.5	6.3	26	18
10	7171021	CA102	●	7171022	CA102D	●	7171620	CA102W	●	100	4.5	7.6	22	12
	7171031	CA103	●	7171032	CA103D	●	7171033	CA103W	●	100	4.5	7.6	28	18
16	7171621	CA162	●	7171622	CA162D	●	7171630	CA162W	●	100	5.8	8.8	24	12
	7171631	CA163	●	7171632	CA163D	●	7171633	CA163W	●	100	5.8	8.8	28	18
25	7172531	CA253	●	7172533	CA253D	●	7172532	CA253W	●	50	7.3	11.2	30	16
	7172501	CA252	●	7172502	CA252D	●	7172503	CA252W	●	50	7.3	11.2	36	22
35	7172541	CA352	●	7172541	CA352	●	7172542	CA352W	●	50	8.3	12.7	30	16
	7172551	CA350	●	7172551	CA350	●	7172552	CA350W	●	50	8.3	12.7	30	18
50	7172561	CA502	●	7172561	CA502	●	7172562	CA502W	●	50	10.3	15	36	20
70	7172581	CA70	●							25	13.5	16	37	21
95	7172585	CA95	●							25	14.7	18	44	25



Conductor size
(mm²)



Packing

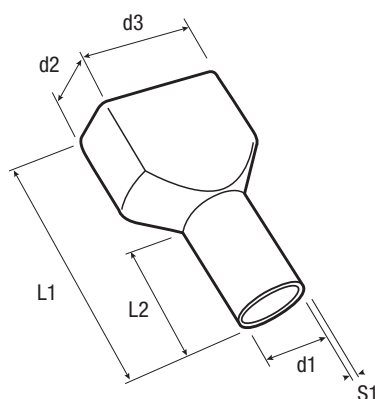
Unless otherwise stated,
all dimensions are in millimeters.



« Twin » Preinsulated End Sleeves

General features

- ✓ Two conductors with equal section in a same end sleeve.
- ✓ Material tin-plated copper and insulating collar.
- ✓ Polypropylene insulating sleeve.
- ✓ Max. operating temperature: 105°C.



mm ²	NFC 63023			DIN 46228/4			Packing	L1	L2	d1	S1	d2	d3	Indentation required
	Item code	Part No.	Colour	Item code	Part No.	Colour								
2 x 0.5	7173491	TE0508	○	7173491	TE0508	○	1 000	15	8	1.4	0.15	2.5	4.7	0.50-0.75
2 x 0.75	7173501	TE7508	●	7173621	TE7508D	●	1 000	15	8	1.7	0.15	2.8	5	1-1.5
	7173511	TE7510	●	7173631	TE7510D	●	1 000	17	10	1.7	0.15	2.8	5	1-1.5
2 x 1	7173521	TE1008	●	7173521	TE1008	●	1 000	15	8	2	0.15	3.4	5.4	1-1.5
	7173531	TE1010	●	7173531	TE1010	●	1 000	17	10	2	0.15	3.4	5.4	1-1.5
2 x 1.5	7173541	TE1508	●	7173541	TE1508	●	1 000	16	8	2.2	0.15	3.6	6.6	2.5
	7173551	TE1512	●	7173551	TE1512	●	1 000	20	12	2.2	0.15	3.6	6.6	2.5
2 x 2.5	7173561	TE2510	●	7173562	TE2510D	●	1 000	18.5	10	2.8	0.2	4.2	7.8	6
	7173571	TE2513	●	7173651	TE2513D	●	1 000	21.5	13	2.8	0.2	4.2	7.8	6
2 x 4	7173581	TE4012	●	7173661	TE4012D	●	100	23	12	3.7	0.2	4.9	8.8	6
2 x 6	7173591	TE6014	●	7173592	TE6014D	●	100	26	14	4.8	0.2	6.9	10	10
2 x 10	7173601	TE10014	●	7173681	TE10014D	●	100	26	14	6.4	0.2	7.2	13	25
2 x 16	7173611	TE16014	●	7173691	TE16014D	●	50	30	14	8.2	0.2	9.6	18.4	35



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.

End sleeves for short circuit resistant conductors

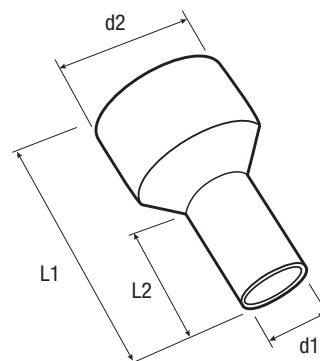


General features

- ✓ Can be used for all the usual short circuit resistant conductors up to 3 kV (INSGAFÖU 1.8/3kV according to DIN VDE 0250 Part 602).
- ✓ Tin-plated copper.
- ✓ Polypropylene insulating sleeve.
- ✓ Max. operating temperature: +105°C.

**SCE/SCA
Series**

**Compliant
DIN VDE
0250**



 mm ²	Item code	Part No.	Colour		d1	d2	L1	L1
1.5	7173900	SCE015	●	100	1.7	7.5	17.5	8
	7173901	SCE0151	●	100	1.7	7.5	19.5	10
2.5	7173902	SCE025D	●	100	2.2	8	17.5	8
	7173903	SCE0252D	●	100	2.2	8	21.5	12
4	7173904	SCA042D	●	100	2.8	9.5	19.5	10
6	7173905	SCA062D	●	100	3	10	23	12
10	7173906	SCA102D	●	100	5	11.5	24	12
16	7173907	SCA162D	●	100	4.5	13.5	25.5	12



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.



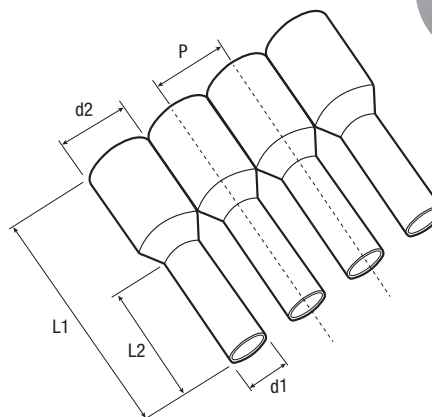
Preinsulated End Sleeve Strips

General features

- ✓ Material: tin-plated copper.
- ✓ Polypropylene insulating sleeve.
- ✓ Max. operating temperature: 105°

LCE
Series

Compliant
NFC
63023



Item
code

Part
No.

Colour



L1

L2

d1

d2

P

mm ²	Item code	Part No.	Colour		L1	L2	d1	d2	P
0.5	7173701	LCE005	○	500 (10 x 50)	14	8	1	2.8	3.6
0.75	7173711	LCE007	●	500 (10 x 50)	14	8	1.2	2.8	3.6
1	7173721	LCE010	●	500 (10 x 50)	14	8	1.4	3.3	4.2
1.5	7173731	LCE015	●	500 (10 x 50)	14	8	1.7	3.3	4.2
2.5	7173741	LCE025	●	400 (10 x 40)	14	8	2.2	4.2	5

Tooling

Suitable to cut and strip cable from 0.5 to 2.5 mm².

- ✓ Only one tool for 3 functions in order to save time.
- ✓ Cut and strip cable independently of crimping end sleeves.
- ✓ Crimps chain end sleeves.
- ✓ Crimps end sleeves in compliance with EN 50 027 and DIN 46 228 standards.
- ✓ Automatically advances the next end sleeve for crimping.
- ✓ Fast adjustment of crimping cylinder marked with selected conductor size.
- ✓ The three operations are done without releasing tool or cable.
- ✓ Stripping is done automatically without adjustment.
- ✓ Length: 210 mm.
- ✓ Weight: 260 g.



Item
code

7500074

Part
No.

PZL025



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.



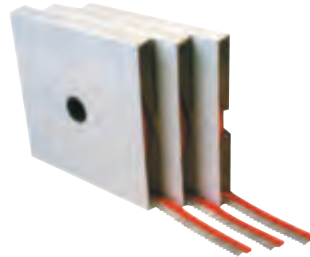
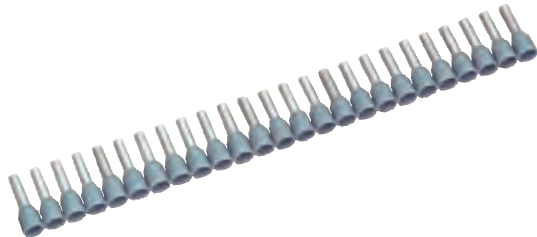
General features

- ✓ Material: tin-plated copper.
- ✓ Polypropylene insulating sleeve.
- ✓ Max. operating temperature: 105 °C.

BCE
Series

Compliant
NFC
63023

from
page 231



 mm ²	Item code	Part No.	Colour		L1	L2	d1	d2	P
0.5	7175301	BCE005	○	1 000	14.5	8	1.1	2.6	3.5
0.75	7175311	BCE007	●	1 000	14.5	8	1.3	2.8	3.6
1	7175321	BCE010	●	1 000	14.5	8	1.5	3	3.9
1.5	7175331	BCE015	●	1 000	14.5	8	1.8	3.4	4.2
2.5	7175341	BCE025	●	500	14.5	8	2.3	4.2	5

Tooling

- ✓ Crimping of end sleeves in compliance with DIN 46228 and NFC 63023 standards.
- ✓ Supplied with 5 feed units, 5 crimping inserts and 5 replacement separators.
- ✓ Electrical supply: 220 V – 50 Hz.
- ✓ Crimp cycle: approx 1.5 s.
- ✓ Change of conductor size: approx 10 s.
- ✓ Counter: LED screen.
- ✓ Dimensions: 165 x 270 x 320 mm.
- ✓ Weight: 12 kg.

Item
code

7590101

Part
No.

MC25



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.



6.35 Receptacles and Housings

General features

Receptacles:

- ✓ Material: brass.
- ✓ Thickness: 0.40 mm.

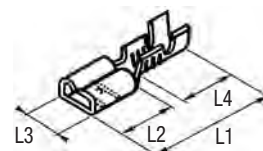
Housings:

- ✓ 6/6 polyamide.
- ✓ Max. operating temperature: +105°C



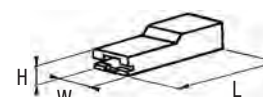
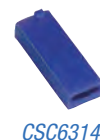
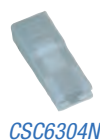
Receptacles for 6.35 tabs

mm ²	Brass (Unplated)		Tin-plated brass		Ø mm				
	Item code	Part No.	Item code	Part No.		L1	L2	L3	L4
0.5 - 1.5	7191144	00428V	7191142	00428DV	3	19	7.7	7.6	8.5
1 - 2.5	7191164	00429V	7191163	00429DV	4	19	7.7	7.6	8.5
2.5 - 6	7191183	00430V	7191182	00430DV	4.8	19	7.7	7.6	9



Front entry latched housings

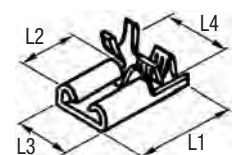
Item code	x1000 /Bag	Part No.	Colour	W	L	H
7199700		CSC6304N	Natural	9.5	25.5	5
7199720		CSC6314N	Natural	9	24	5



For coloured housings, please suffix the PN with: 2 for yellow, 3 for red, 4 for green, 5 for black, 6 for blue, 7 for purple, 8 for grey, 9 for white, 10 for brown.

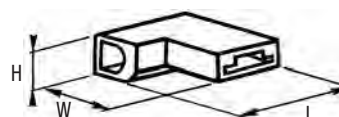
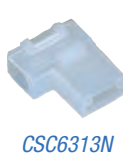
Flag receptacles

mm ²	Brass (Unplated)		Tin-plated brass		Ø mm				
	Item code	Part No.	Item code	Part No.		L1	L2	L3	L4
0.5 - 1.5	7191009	00421-2V	7191007	00421-2DV	3	14.1	7	7.7	11



Housing for flag receptacles

Item code	x1000 /Bag	Part No.	Colour	W	L	H	Way
7199730		CSC6313N	Natural	15.5	15	5.5	1



For coloured housings, please suffix the PN with: 2 for yellow, 3 for red, 4 for green, 5 for black, 6 for blue, 7 for purple, 8 for grey, 9 for white, 10 for brown.



Conductor size (mm²)



Packing



Cable insulation max Ø

Unless otherwise stated, all dimensions are in millimeters.

6.35 Receptacles and Housings



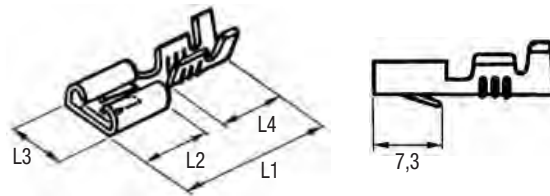
General features

Receptacles:

- ✓ Material: brass.
- ✓ Thickness: 0.40 mm.

Housings:

- ✓ 6/6 polyamide.
- ✓ Max. operating temperature: +105°C



6.35 receptacles for housings

mm ²	Brass (Unplated)		Tin-plated brass		Ø mm	L1	L2	L3	L4
	Item code	Part No.	Item code	Part No.					
0.5 - 1.5	7191082	00425V	7191084	00425DV	3.5	19	7.7	7.6	8.5
1 - 2.5	7191103	00426V	7191102	00426DV	4	19	7.7	7.6	8.5
2.5 - 6	7191123	00427V	7191124	00427DV	5	19	7.7	7.6	8.5

Housings for 6.35 receptacles



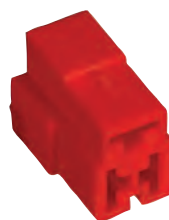
CSC6307N3



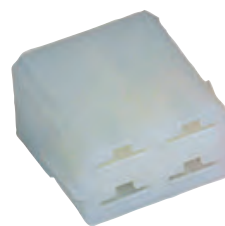
CSC6321N



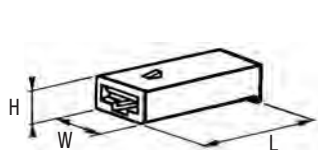
CSC6311N



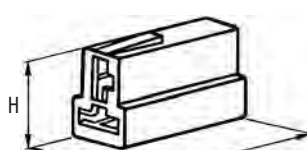
CSC6317N3



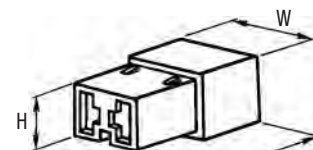
CSC6319N



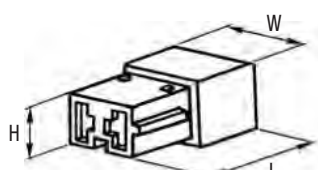
CSC6307N



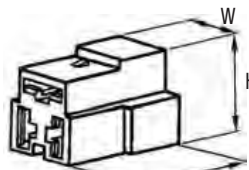
CSC6321N



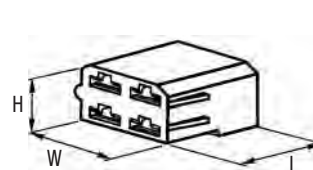
CSC6311N



CSC6312N



CSC6317N



CSC6319N

Item code	Part No.		Colour	L1	L2	L3	L4	Quantity of ways	Tab housings*
7199750	CSC6307N	1 000	Natural	9.8	23	6.3		1	CSC6306N
7199800	CSC6312N	1 000	Natural	15.2	31.6	10.2		2	CSC6310N
7199790	CSC6311N	1 000	Natural	15.2	23	10.2		2	CSC6308N
7199830	CSC6321N	500	Natural	10	23	16.6		2	CSC6320N
7199850	CSC6317N	500	Natural	9.8	22.8	18.4		3	CSC6316N
7199870	CSC6319N	500	Natural	22.9	23.9	14.5		4	CSC6318N

For coloured housings, please suffix the PN with: 2 for yellow, 3 for red, 4 for green, 5 for black, 6 for blue, 7 for purple, 8 for grey, 9 for white, 10 for brown.



Conductor size (mm²)



Packing

Unless otherwise stated, all dimensions are in millimeters.



6.35 Receptacles and Housings

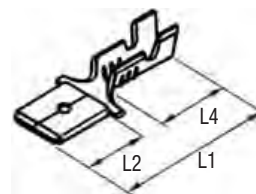
General features

Receptacles:

- ✓ Material: brass.
- ✓ Thickness: 0.40 mm.

Housings:

- ✓ 6/6 polyamide.
- ✓ Max. operating temperature: +105°C



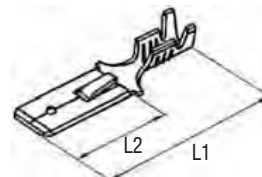
6.35 x 0.8 Tabs

Note : cannot be set up on housings

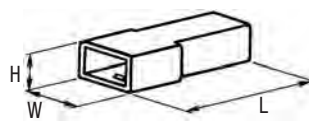
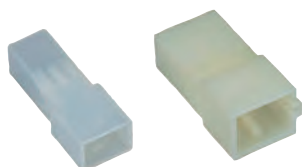
mm ²	Brass (Unplated)		Tin-plated brass		Ø mm	L1	L2	L4
	Item code	Part No.	Item code	Part No.				
0.5 - 1.5	7191445	00451V	7191443	00451DV	3.4	19.2	8	8.6

6.35 x 0.8 Tabs for housings

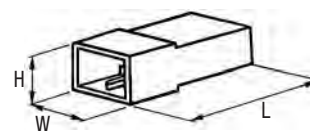
mm ²	Brass (Unplated)		Tin-plated brass		Ø mm	L1	L2	L4
	Item code	Part No.	Item code	Part No.				
0.34 - 1.5	7191483	00453V	7191484	00453DV	3	28	15.8	7.6
1 - 2.5	7191683	00467V	7191681	00467DV	3.6	28	15.8	7.6



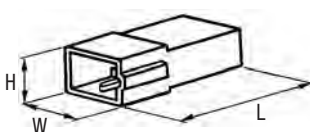
Housings for 6.35 tabs



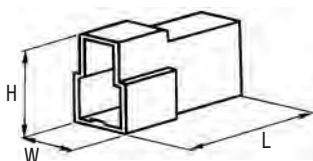
CSC6306N



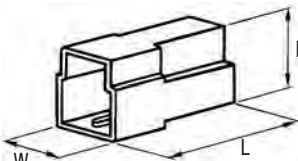
CSC6308N



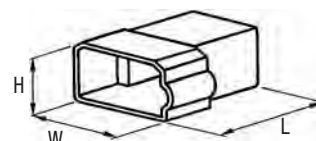
CSC6310N



CSC6320N



CSC6316N



CSC6318N

Item code	Part No.	Colour	W	L	H	Quantity of ways	Receptacles housings*
7199740	CSC6306N	Natural	12.4	31.6	9.3	1	CSC6307N
7199770	CSC6308N	Natural	15.2	31.6	13.1	2	CSC6311N
7199780	CSC6310N	Natural	15.2	31.6	13.1	2	CSC6312N
7199820	CSC6320N	Natural	12.7	30.5	20	2	CSC6321N
7199840	CSC6316N	Natural	15.2	31.7	20	3	CSC6317N
7199860	CSC6318N	Natural	27.9	32.5	17.1	4	CSC6319N

For coloured housings, please suffix the PN with: 2 for yellow, 3 for red, 4 for green, 5 for black, 6 for blue, 7 for purple, 8 for grey, 9 for white, 10 for brown.



Conductor size
(mm²)



Packing

Unless otherwise stated,
all dimensions are in millimeters.



General features

- ✓ 6.3 x 0.8 mm tabs in unplated or tin-plated brass.

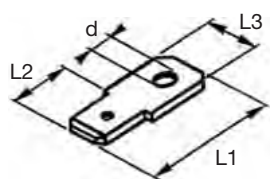


Fig. 1

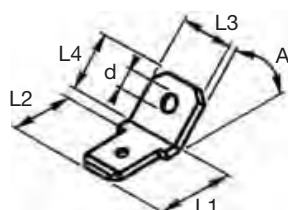


Fig. 2

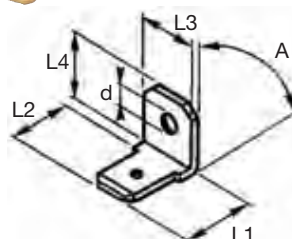


Fig. 3

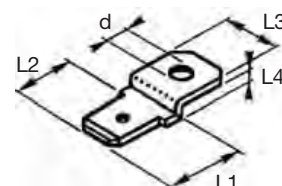


Fig. 4

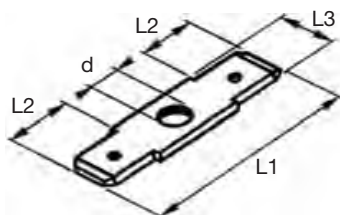


Fig. 5

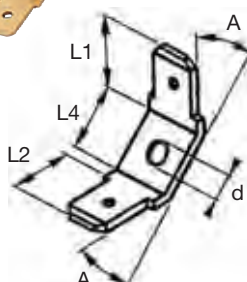


Fig. 6

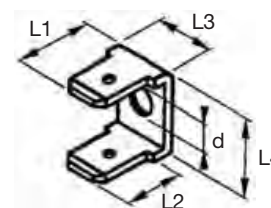


Fig. 7



x1000

Figure

Brass (Unplated)

Tin-plated brass

Item code

Part No.

Item code

Part No.

d

L1

L2

L3

L4

A

1

7196041

01100V

7196040

01100DV

3.2

19

8

8

2

7196062

01101V

7196060

01101DV

3.7

19

8

8

9

45°

3

7196081

01102V

7196080

01102DV

4.2

19

8

8

9

45°

4

7196101

01103V

7196100

01103DV

5.2

19

8

8

9

45°

5

7196241

01110V

7196240

01110DV

3.2

10

8

8

9

45°

6

7196261

01111V

7196260

01111DV

3.7

10

8

8

9

45°

7

7196281

01112V

7196280

01112DV

4.2

10

8

8

9

45°

7196301

01113V

7196300

01113DV

5.2

10

8

8

9

45°

7196441

01120V

7196440

01120DV

3.2

10

8

8

9

90°

7196461

01121V

7196460

01121DV

3.7

10

8

8

9

90°

7196481

01122V

7196480

01122DV

4.2

10

8

8

9

90°

7196501

01123V

7196500

01123DV

5.2

10

8

8

9

90°

4

7196641

01130V

7196640

01130DV

3.2

9

8

8

1.7

5

7196661

01131V

7196660

01131DV

3.7

9

8

8

1.7

6

7196681

01132V

7196680

01132DV

4.2

9

8

8

1.7

7

7196701

01133V

7196700

01133DV

5.2

9

8

8

1.7

5

7197601

01200V

7197600

01200DV

3.2

30

8

8

6

7197621

01201V

7197620

01201DV

3.7

30

8

8

7

7197641

01202V

7197640

01202DV

4.2

30

8

8

7197661

01203V

7197660

01203DV

5.2

30

8

8

6

7197801

01210V

7197800

01210DV

3.2

10

8

8

10

45°

7197821

01211V

7197820

01211DV

3.7

10

8

8

10

45°

7197841

01212V

7197840

01212DV

4.2

10

8

8

10

45°

7197861

01213V

7197860

01213DV

5.2

10

8

8

10

45°

7198001

01220V

7198000

01220DV

3.2

10

8

8

10

90°

7198021

01221V

7198020

01221DV



A Range of Products on a Display Stand



Preinsulated terminals

Preinsulated disconnects and tabs

End splices

Tubular lugs

Tooling

Cable ties

Preinsulated Terminals in Plastic Boxes

for the Display Stand



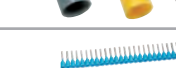
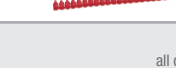
General features

Preinsulated terminals in N series with ring, square, fork and locking palm preinsulated pin and blade terminals, preinsulated butt splices, preinsulated brass female disconnects, fully preinsulated, preinsulated male and female cylindrical plugs, self-stripping quick connectors, preinsulated, preinsulated chain, preinsulated "twin" or non insulated end sleeves are available in strip *and packed in plastic boxes of 100 pieces.*



Description

For item code, part number, technical features, see page:

Preinsulated ring terminals		68-69	  
Preinsulated fork terminals		70-71	  
Preinsulated square terminals		72-73	  
Preinsulated locking ring terminals		74	  
Preinsulated pin and blade terminals		75	  
Preinsulated female brass disconnects		76	  
Fully preinsulated female disconnects		77	  
Preinsulated butt splices		78	  
Preinsulated closed-end wire connectors		79	
Preinsulated male and female cylindrical plugs and pins		82	  
Self-stripping quick connectors		83	 
Preinsulated female terminals		93	
Non insulated end sleeves		98	
Preinsulated end sleeves		99	
« Twin » preinsulated end sleeves		100	
End sleeves for short circuit resistant conductors		101	
Preinsulated end sleeve strips		102	

Unless otherwise stated, all dimensions are in millimeters.



Preinsulated Terminals in Blister Packs

Terminals in blister packs

Terminals in blister packs packed in boxes of 10 blister packs.

Item code	Part No.	Quantity	Part numbers to be ordered
7304013	NA2-5	8	BL8NA2-5
7300492	NA2-6	7	BL7NA2-6
7304022	NRGFA2-4	8	BL8NRGFA2-4
7301141	SQMA6,35	5	BL5SQMA6,35
7301552	SQA6,35	5	BL5SQA6,35
7304071	SQAP6,35	4	BL4SQAP6,35
7301582	SFMA 4	4	BL4SFMA4
7301602	SFFA 4	4	BL4SFFA4
7302182	NPMJ1	4	BL4NPMJ1
7304081	NPRA1,6	6	BL6NPRA1,6
7304121	CR110	3	BL3CR 110



Item code	Part No.	Quantity	Part numbers to be ordered
7304131	NB1-4	8	BL8NB1-4
7304141	NB1-5	8	BL8NB1-5
7304031	NB2-6	6	BL6NB2-6
7304151	NB2-8	7	BL7NB2-8
7304161	NRGFB 0-4	7	BL7NRGFB0-4
7304171	NRGFB 1-5	7	BL7NRGFB1-5
7301052	SQMB6,35	5	BL5SQMB6,35
7301562	SQB6,35	5	BL5SQB6,35
7302031	SQBP6,35	4	BL4SQBP6,35
7304191	SQVB6,35	4	BL4SQVB6,35
7304042	SFMB 5	4	BL4SFMB5
7304052	SFFB 5	4	BL4SFFB5
7302192	NPMJ2	4	BL4NPMJ2
7304201	NPRB2,3	6	BL6NPRB2,3
7304211	NPFB4	6	BL6NPFB4
7304283	CR 210	3	BL3CR210



Item code	Part No.	Quantity	Part numbers to be ordered
7304221	NC1-5	5	BL5NC1-5
7304231	NC2-6	4	BL4NC2-6
7304241	NC2-8	4	BL4NC2-8
7304251	NRGFC 1-6	5	BL5NRGFC1-6
7302102	NPMJ3	3	BL3NPMJ3
7304261	NRGFC1-5	5	BL5NRGFC 1-5
7301422	SQC6,35	4	BL4SQC6,35
7304271	NPRC3,5	4	BL4NPRC3,5



Unless otherwise stated,
all dimensions are in millimeters.

Tubular Lugs in Plastic Boxes

for the Display Stand



Tin-plated Copper Tubular Lugs NFC 20-130

(General features: see page 32).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.



Item code	Part No.		mm ²	Ø mm	Item code	Part No.		mm ²	Ø mm
7120000	B50-4-4C	50	4	4	7120050	B15-25-5CT	15	25	5
7120001	B50-4-5C	50	4	5	7120051	B15-25-6CT	15	25	6
7120002	B50-4-6C	50	4	6	7120052	B15-25-8CT	15	25	8
7120003	B50-4-8C	50	4	8	7120053	B15-25-10CT	15	25	10
7120020	B50-6-4C	50	6	4	7120054	B15-25-12CT	15	25	12
7120021	B50-6-5C	50	6	5	7120061	B15-35-6CT	15	35	6
7120022	B50-6-6C	50	6	6	7120062	B15-35-8CT	15	35	8
7120023	B50-6-8C	50	6	8	7120063	B15-35-10CT	15	35	10
7120030	B15-10-4CT	15	10	4	7120064	B15-35-12CT	15	35	12
7120031	B15-10-5CT	15	10	5	7120070	B6-50-6CT	6	50	6
7120032	B15-10-6CT	15	10	6	7120071	B6-50-8CT	6	50	8
7120033	B15-10-8CT	15	10	8	7120072	B6-50-10CT	6	50	10
7120034	B15-10-10CT	15	10	10	7120073	B6-50-12CT	6	50	12
7120040	B15-16-5CT	15	16	5	7120074	B6-50-14CT	6	50	14
7120041	B15-16-6CT	15	16	6	7120080	B6-70-8CT	6	70	8
7120042	B15-16-8CT	15	16	8	7120081	B6-70-10CT	6	70	10
7120 43	B15-16-10CT	15	16	10	7120082	B6-70-12CT	6	70	12
7120044	B15-16-12CT	15	16	12	7120083	B6-70-14CT	6	70	14
					7120084	B6-70-16CT	6	70	16

Tin-plated Copper Tubular Lugs

(General features: see page 33).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.



Item code	Part No.		mm ²	Ø mm	Item code	Part No.		mm ²	Ø mm
7120090	B5-95-8CT	5	95	8	7120113	B2-185-12CT	2	185	12
7120091	B5-95-10CT	5	95	10	7120114	B2-185-14CT	2	185	14
7120092	B5-95-12CT	5	95	12	7120115	B2-185-16CT	2	185	16
7120093	B5-95-14CT	5	95	14	7120120	B2-240-12CT	2	240	12
7120094	B5-95-16CT	5	95	16	7120121	B2-240-14CT	2	240	14
7120100	B5-120-10CT	5	120	10	7120122	B2-240-16CT	2	240	16
7120101	B5-120-12CT	5	120	12	7120123	B2-240-20CT	2	240	20
7120102	B5-120-14CT	5	120	14	7120130	B2-300-14CT	2	300	14
7120103	B5-120-16CT	5	120	16	7120131	B2-300-16CT	2	300	16
7120110	B5-150-12CT	5	150	12	7120132	B2-300-18CT	2	300	18
7120111	B5-150-14CT	5	150	14	7120133	B2-300-20CT	2	300	20
7120112	B5-150-16CT	5	150	16					



Conductor size
(mm²)



Packing



Stud size

Unless otherwise stated,
all dimensions are in millimeters.



Aluminium-Copper Lugs in Plastic Boxes for the Display Stand

Aluminium-Copper Lugs Tubular Lugs

(General features: see page 59).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.

Item code	Part No.		 mm ²
7123520	B2C0AU16	2	16
7123521	B2C0AU25	2	25
7123522	B2C0AU35	2	35
7123523	B2C1AU50	2	50
7123524	B2C1AU70	2	70
7123525	B2C1AU95	2	95
7123526	B1C2AU120	1	120
7123527	B1C2AU150	1	150
7123528	B1C4AU185	1	185
7123529	B1C4AU240	1	240
7123530	B1C5AU300	1	300



Aluminium-Copper Lugs, Hexagonal Compression Type

(General features: see page 58).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.

Item code	Part No.		 mm ²
7123500	B2ICAU35	2	35
7123501	B2ICAU50	2	50
7123502	B2ICAU70	2	70
7123503	B2ICAU95	2	95
7123504	B2ICAU120	2	120
7123505	B1ICAU150	1	150
7123506	B1ICAU185	1	185
7123507	B1ICAU240	1	240
7123508	B1ICAU300	1	300



Conductor size
(mm²)



Packing



Stud size

Unless otherwise stated,
all dimensions are in millimeters.

Mechanical Connectors, Clamp Connectors and Line Supports in Plastic Boxes for the Display Stand



Mechanical Connectors

(General features: see page 190).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.

Item code	Part No.		 mm ²
7124000	B5-1BR921	5	6 to 50
7124001	B4-1BR1125	4	10 to 70
7124002	B4-1BER921	4	6 to 50
7124010	B4-CTR10	4	6 to 75
7124015	B4-RDB211	4	6 to 70
7124020	B4BT9	4	6 to 50
7124021	B2-BT11	2	6 to 70



Clamp Connectors

(General features: see page 194).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.

Item code	Part No.		 mm ²
7124030	B6RG1-25	6	4 to 30
7124031	B6RG2-16	6	4 to 16
7124032	B6RG2-35	6	4 to 35
7124033	B6RG2-50	6	4 to 50



Brass Earthing Line Supports

(General features: see page 183).

Packed in plastic boxes (dimensions: 13 x 4.7 x 3 cm) for display stand.

Item code	Part No.		 mm ²
7123000	B10SF66	10	6
7123001	B10SF67	10	6
7123002	B10SF68	10	6
7123003	B10SF86	10	8
7123004	B10SF87	10	8
7123005	B10SF88	10	8
7123006	B10SF810	10	8
7123007	B10SF106	10	10
7123008	B10SF107	10	10
7123009	B10SF108	10	10
7123010	B10SF1010	10	10
7123011	B10SF126	10	12
7123012	B10SF127	10	12
7123013	B10SF128	10	12
7123014	B10SF1210	10	12
7123015	B5SF146	5	14
7123016	B5SF147	5	14
7123017	B5SF148	5	14
7123018	B5SF1410	5	14



Conductor size
(mm²)



Packing



Assorted Terminal Boxes

General features

- ✓ Boxes containing a selection of terminals, end splices, sleeves and cable ties for general use.
- ✓ Also contain a UNISERT type crimping tool.
- ✓ Other selection on request.

Plastic box

Item
code

7310061

Part
No.

COF-P

Dimensions : 325 x 250 x 55 mm.

Contents			
Part No.	Quantity	Part No.	Quantity
NA1-4	20	SQMB6,35	20
NA2-6	15	SQBP6,35	15
SQA-5	20	SFMB5	15
SQMA6,35	20	SFFB5	15
SQAP6,35	15	NRPB2,3	20
NPRA1,6	20	NPMJ2	10
SFMA4	15	NC26	10
SFFA4	15	SQC6,35	10
NPMJ1	10	1053	5
NB1-5	20	CCD 9-62 P	10
NB2-6	15	UNISERT	1
SQVB6,35	20		



Metal box

Item
code

7310011

Part
No.

COF-M

Dimensions : 335 x 190 x 30 mm.

Contents			
Part No.	Quantity	Part No.	Quantity
NA1-4	35	NRGFB1-5	30
NA2-5	35	NPRB2,3	25
NRGFA2-4	35	SQMB6,35	20
SQA6,35	30	SQB6,35	20
NPMJ1	25	NPMJ2	20
NB1-4	30	NC1-5	20
NB1-5	30	NC1-6	20
NB2-6	30	NC2-8	20
NB2-8	30	NPMJ-3	15
NRGFB0-4	30	UNISERT	1



Unless otherwise stated,
all dimensions are in millimeters.

Assorted Box with Tubular Lugs and Crimping Tool



Box containing a selection
of terminals CT series and tooling:

Item code 7310104 Part No. COFTN50HX

Contents		
Part No.	Description	Quantity
6-6C	copper tubular lugs 6 mm ² stud size 6	25
6-8C	copper tubular lugs 6 mm ² stud size 8	25
10-6CT	copper tubular lugs 10 mm ² stud size 6	25
10-8CT	copper tubular lugs cable 10 mm ² stud size 8	25
16-8CT	copper tubular lugs cable 16 mm ² stud size 8	25
16-10CT	copper tubular lugs cable 16 mm ² stud size 10	25
25-8CT	copper tubular lugs cable 25 mm ² stud size 8	25
25-10CT	copper tubular lugs 25 mm ² stud size 10	25
35-8CT	copper tubular lugs 35 mm ² stud size 8	20
35-10CT	copper tubular lugs 35 mm ² stud size 10	20
50-10CT	copper tubular lugs 50 mm ² stud size 10	20
50-12CT	copper tubular lugs 50 mm ² stud size 12	20
TN50HX	crimping tool from 6 to 50 mm ²	1

Box containing a selection
of terminals DE series and tooling:

Item code 7310103 Part No. COFTN50HXDE

Contents		
Part No.	Description	Quantity
DE6-6SV	copper tubular lugs 6 mm ² stud size 5	25
DE6-8SV	copper tubular lugs 6 mm ² stud size 6	25
DE10-6SV	copper tubular lugs 10 mm ² stud size 6	25
DE10-8SV	copper tubular lugs 10 mm ² stud size 8	25
DE16-8SV	copper tubular lugs 16 mm ² stud size 8	25
DE16-10SV	copper tubular lugs 16 mm ² stud size 10	25
DE25-8SV	copper tubular lugs 25 mm ² stud size 8	25
DE25-10SV	copper tubular lugs 25 mm ² stud size 10	25
DE35-8SV	copper tubular lugs 35 mm ² stud size 8	20
DE35-10SV	copper tubular lugs 35 mm ² stud size 10	20
DE50-10SV	copper tubular lugs 50 mm ² stud size 10	20
DE50-12SV	copper tubular lugs 50 mm ² stud size 12	20
TN50HXDE	crimping tool from 6 to 50 mm ²	1

Box containing a selection
of terminals CU series and tooling:

Item code 7310102 Part No. COFTN50HXCUCU

Contents		
Part No.	Description	Quantity
CU6-6	copper tubular lugs 6 mm ² stud size 6	25
CU6-8	copper tubular lugs 6 mm ² stud size 8	25
CU10-6	copper tubular lugs 10 mm ² stud size 6	25
CU10-8	copper tubular lugs 10 mm ² stud size 8	25
CU16-8	copper tubular lugs 16 mm ² stud size 8	25
CU16-10	copper tubular lugs 16 mm ² stud size 10	25
CU25-8	copper tubular lugs 25 mm ² stud size 8	25
CU25-10	copper tubular lugs 25 mm ² stud size 10	25
CU35-8	copper tubular lugs 35 mm ² stud size 8	20
CU35-10	copper tubular lugs 35 mm ² stud size 10	20
CU50-10	copper tubular lugs 50 mm ² stud size 10	20
CU50-12	copper tubular lugs 50 mm ² stud size 12	20
TN50HXCUCU	crimping tool from 6 to 50 mm ²	1

Box containing a selection
of terminals YCA series and tooling:

Item code 7310107 Part No. COFTN50HXDYCA

Contents		
Part No.	Description	Quantity
YCA06M5TN	copper tubular lugs 6 mm ² stud size 5	25
YCA06M6TN	copper tubular lugs 6 mm ² stud size 6	25
YCA010M6TN	copper tubular lugs 10 mm ² stud size 6	25
YCA010M8TN	copper tubular lugs 10 mm ² stud size 8	25
YCA016M8TN	copper tubular lugs 16 mm ² stud size 8	25
YCA016M10TN	copper tubular lugs 16 mm ² stud size 10	25
YCA025M8TN	copper tubular lugs 25 mm ² stud size 8	25
YCA025M10TN	copper tubular lugs 25 mm ² stud size 10	25
YCA035M8TN	copper tubular lugs 35 mm ² stud size 8	20
YCA035M10TN	copper tubular lugs 35 mm ² stud size 10	20
YCA050M10TN	copper tubular lugs 50 mm ² stud size 10	15
YCA035M12TN	copper tubular lugs 50 mm ² stud size 12	15
TN50HXDYCA	crimping tool from 6 to 50 mm ²	1

Unless otherwise stated,
all dimensions are in millimeters.



Special Products

For any information on specific ranges
and customized manufacturing: [please contact us](#)

Automotive electrical connections



Aeronautic electrical connections



Railway electrical connections



Expanded copper tubular terminals for crimping on core and insulation



Tubular lugs bent right or left

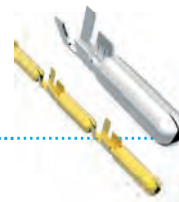


Customized electrical connections

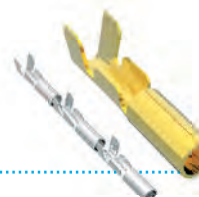


Chain Industrial Electrical Connections

118 Pin connectors



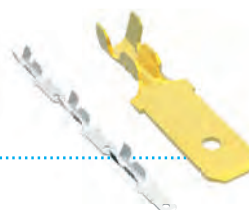
119 Sockets



121 Receptacles for 2.8 - 4.8 - 6.35 mm tabs



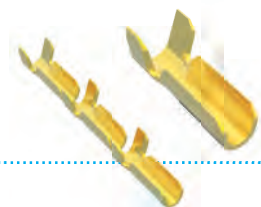
127 Tabs



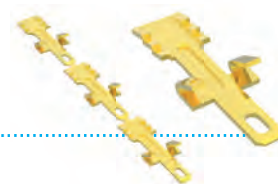
131 Ring, fork and square terminals



141 End splices



144 Tabs to be inserted in motor housing



145 6.35 loose tabs



148 Insulation sleeves and housings

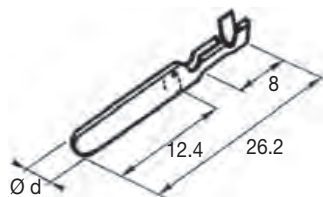




Chain Industrial Electrical Connections

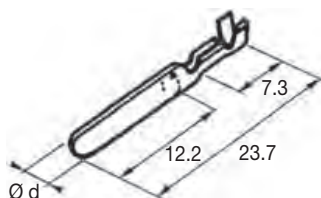
Pin Connectors

- ✓ Section 0.5 to 1.5 mm²
- ✓ Suited to plastic overmoulding.
- ✓ Max. Ø of insulation: 3 mm.



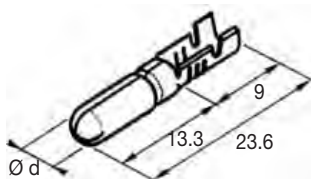
Item code	Part No.	Material	Coating	Thickness	nominal Ø d	Applicator part number
7190110	00210P	brass	-	0.38	4	7 000
7190102	00210DP	brass	tin-plated	0.38	4	7 000

- ✓ Section 0.75 to 2.5 mm²
- ✓ Suited to plastic overmoulding
- ✓ Max. Ø of insulation: 3 mm



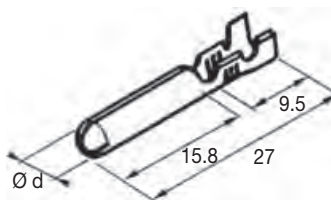
Item code	Part No.	Material	Coating	Thickness	nominal Ø d	Applicator part number
7190111	00211P	brass	-	0.38	4	7 000
7190112	00211DP	brass	tin-plated	0.38	4	7 000
7190117	02211P	bronze	-	0.38	4	7 000
7190116	02211DP	bronze	tin-plated	0.38	4	7 000

- ✓ Section 1 to 2.5 mm²
- ✓ Max. Ø of insulation: 3.4 mm



Item code	Part No.	Material	Coating	Thickness	nominal Ø d	Applicator part number
7190044	00207P	brass	-	0.40	4	7 000
7190045	00207DP	brass	tin-plated	0.40	4	7 000

- ✓ Section 0.5 to 1.5 mm²
- ✓ Max. Ø of insulation: 3.4 mm



Item code	Part No.	Material	Coating	Thickness	nominal Ø d	Applicator part number
7190070	00208P	brass	-	0.40	4	7 000
7190063	00208DP	brass	tin-plated	0.40	4	7 000



Quantity per reel

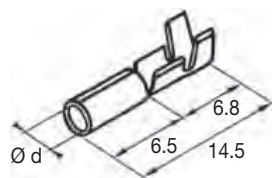
Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Sockets

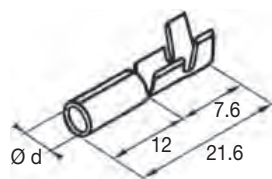


- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 3 mm.



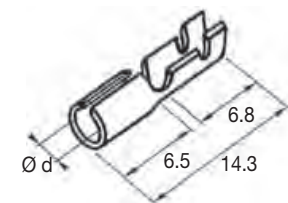
Item code	Part No.	Material	Coating	Thickness	nominal Ø d	min. to max. Ø d		Applicator part number
7190240	00308P	brass	-	0.35	2.35	2.20 / 2.25	15 000	MT70-13021
7190242	00308DP	brass	tin-plated	0.35	2.35	2.20 / 2.25	15 000	
7190263	00309P	brass	-	0.35	2.35	2.30 / 2.35	15 000	
7190262	00309DP	brass	tin-plated	0.35	2.35	2.30 / 2.35	15 000	
7190320	00312P	brass	-	0.40	2.8	2.75 / 2.80	15 000	MT70-13023
7190321	00312DP	brass	tin-plated	0.40	2.8	2.75 / 2.80	15 000	
7190620	00332P	brass	-	0.35	2.35	2.25 / 2.30	15 000	
7190621	00332DP	brass	tin-plated	0.35	2.35	2.25 / 2.30	15 000	

- ✓ Section 0.34 to 1.5 mm²
- ✓ Max. Ø of insulation: 3.2 mm



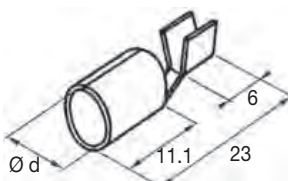
Item code	Part No.	Material	Coating	Thickness	nominal Ø d	min. to max. Ø d		Applicator part number
7190640	00333P	brass	-	0.35	4	3.85 / 3.90	10 000	MT70-13025
7190641	00333DP	brass	tin-plated	0.35	4	3.85 / 3.90	10 000	
7190660	00334P	brass	-	0.35	4	3.90 / 3.95	10 000	
7190663	00334DP	brass	tin-plated	0.35	4	3.90 / 3.95	10 000	

- ✓ Section 0.34 to 1.5 mm²
- ✓ Max. Ø of insulation: 3 mm



Item code	Part No.	Material	Coating	Thickness	nominal Ø d	min. to max. Ø d		Applicator part number
7190380	00317P	brass	-	0.40	4	2.95 / 3.00	15 000	MT70-13023
7190381	00317DP	brass	tin-plated	0.40	4	2.95 / 3.00	15 000	
7190518	00324NP	steel	nickel-plated	0.40	4	2.95 / 3.00	10 000	

- ✓ Section 1 to 2.5 mm²



Item code	Part No.	Material	Coating	Thickness	nominal Ø d	min. to max. Ø d		Applicator part number
7190750	00341DBSP	brass	tin-plated	0.40	9	8.90 / 9.00	2 000	upon request

 Quantity per reel

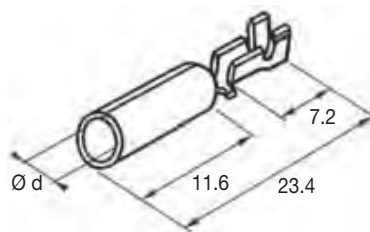
Unless otherwise stated, all dimensions are in millimeters.



Chain Industrial Electrical Connections

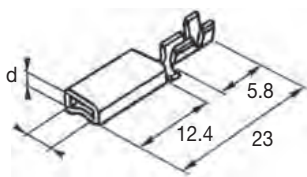
Sockets

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.6 mm.



Item code	Part No.	Material	Coating	Thickness	nominal Ø d	min. to max. Ø d		Applicator part number
7190600	00330P	brass	-	0.40	4.8	4.74 / 4.78	5 000	MT70-13028
7190601	00330DP	brass	tin-plated	0.40	4.8	4.74 / 4.78	5 000	

- ✓ Section 0.5 to 1 mm²
- ✓ Max. Ø of insulation: 3 mm



Item code	Part No.	Material	Coating	Thickness	nominal Ø d	min. to max. Ø d		Applicator part number
7190684	00335G	bronze	-	0.35	2	4	6 000	MT72-13011

Note: Unrolling direction: left – right.

For unrolling direction: right – left, please order the PN 00335.



Quantity per reel

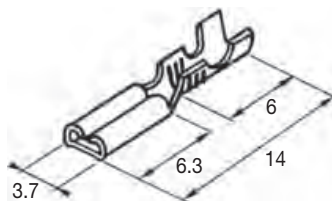
Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Receptacles for 2.8 mm Tabs



- ✓ Section 0.34 to 0.75 mm.
- ✓ Max. Ø of insulation: 2.6 mm.



						
Item code	Part No.	Material	Coating	Thickness		Applicator part number
for 2.8 x 0.3 tabs						
7191301	00437-3P	brass	-	0.25	15 000	MT70-14023
7191300	00437-3DP	brass	tin-plated	0.25	15 000	
7191325	00438-3P	brass	-	0.25	15 000	
7191326	00438-3DP	brass	tin-plated	0.25	15 000	
for 2.8 x 0.5 tabs						
7191306	00437-5P	brass	-	0.25	15 000	MT70-14023
7191304	00437-5DP	brass	tin-plated	0.25	15 000	
7191321	00438-5P	brass	-	0.25	15 000	
7191320	00438-5DP	brass	tin-plated	0.25	15 000	
for 2.8 x 0.8 tabs						
7191309	00437-8P	brass	-	0.25	15 000	MT70-14023
7191308	00437-8DP	brass	tin-plated	0.25	15 000	
7191324	00438-8P	brass	-	0.25	15 000	
7191323	00438-8DP	brass	tin-plated	0.25	15 000	

Note : 00438 receptacle compliant with DIN standard

- ✓ Section 0.5 to 1.5 mm².
- ✓ Max. Ø of insulation: 3.5 mm.

						
Item code	Part No.	Material	Coating	Thickness		Applicator part number
for 2.8 x 0.5 tabs						
7190842	00406-5P	brass	-	0.30	15 000	MT70-14002
7190840	00406-5DP	brass	tin-plated	0.30	15 000	
for 2.8 x 0.8 tabs						
7190845	00406-8P	brass	-	0.30	15 000	MT70-14002
7190844	00406-8DP	brass	tin-plated	0.30	15 000	

Housings for 2.8 mm receptacles: please see page 149.



Quantity per reel

Unless otherwise stated, all dimensions are in millimeters.

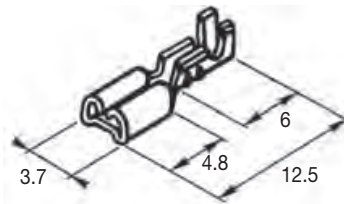


Chain Industrial Electrical Connections

Receptacles for 2.8 mm Tabs / Security Receptacles for 2.8 mm Tabs

Receptacles for 2.8 mm Tabs

- ✓ Section 0.34 to 0.75 mm².
- ✓ Max. Ø of insulation: 2.6 mm.



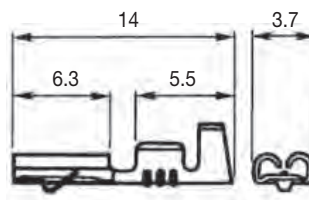
						
Item code	Part No.	Material	Coating	Thickness		Applicator part number
for 2.8 x 0.5 tabs						
7191224	00433-5P	brass	-	0.25	15 000	MT70-14004
7191222	00433-5DP	brass	tin-plated	0.25	15 000	
for 2.8 x 0.8 tabs						
7191227	00433-8P	brass	-	0.30	15 000	MT70-14004
7191226	00433-8DP	brass	tin-plated	0.30	15 000	

- ✓ Section 0.5 to 1.5 mm².
- ✓ Max. Ø of insulation: 2.6 mm.

						
		Material	Coating	Thickness		Applicator part number
for 2.8 x 0.5 tabs						
7191241	00434-5P	brass	-	0.30	15 000	MT70-14025
7191240	00434-5DP	brass	tin-plated	0.30	15 000	
for 2.8 x 0.8 tabs						
7191243	00434-8P	brass	-	0.30	15 000	MT70-14025
7191242	00434-8DP	brass	tin-plated	0.30	15 000	

Security Receptacles for 2.8 mm Tabs

- ✓ Section 0.34 to 0.75 mm².
- ✓ Max. Ø of insulation: 2.6 mm.
- ✓ Security bolting ensuring the impregnability of the receptacle / tab assembly.



						
		Material	Coating	Thickness		Applicator part number
for 2.8 x 0.3 tabs						
7191424	00443-3P	brass	-	0.25	15 000	upon request
7191425	00443-3DP	brass	tin-plated	0.25	15 000	
for 2.8 x 0.5 tabs						
7191416	00443-5P	brass	-	0.25	15 000	upon request
7191417	00443-5DP	brass	tin-plated	0.25	15 000	
for 2.8 x 0.8 tabs						
7191418	00443-8P	brass	-	0.25	15 000	upon request
7191419	00443-8DP	brass	tin-plated	0.25	15 000	



Quantity per reel

Unless otherwise stated, all dimensions are in millimeters.

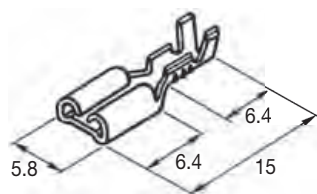
Chain Industrial Electrical Connections

Receptacles for 4.8 mm Tabs / Security Receptacles for 4.8 mm Tabs



Receptacles for 4.8 mm Tabs

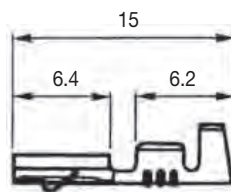
- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.



 Item code	 Part No.	Material	Coating	Thickness		Applicator part number
for 4.8 x 0.5 tabs						
7190820	00405-5P	brass	-	0.35	15 000	MT70-14005
7190821	00405-5DP	brass	tin-plated	0.35	15 000	
7190941	00415-5NP	steel	nickel-plated	0.35	10 000	
for 4.8 x 0.8 tabs						
7190830	00405-8P	brass	-	0.35	15 000	MT70-14005
7190829	00405-8DP	brass	tin-plated	0.35	15 000	
7190940	00415-8NP	steel	nickel-plated	0.35	10 000	

Security Receptacles for 4.8 mm Tabs

- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.
- ✓ Security bolting ensuring the impregnability of the receptacle / tab assembly.



 Item code	 Part No.	Material	Coating	Thickness		Applicator part number
for 4.8 x 0.5 tabs						
7191265	00435-5P	brass	-	0.35	15 000	MT70-14026
7191264	00435-5DP	brass	tin-plated	0.35	15 000	
7191280	00436-5NP	steel	nickel-plated	0.35	10 000	
for 4.8 x 0.8 tabs						
7191262	00435-8P	brass	-	0.35	15 000	MT70-14026
7191263	00435-8DP	brass	tin-plated	0.35	15 000	
7191281	00436-8NP	steel	nickel-plated	0.35	10 000	

Housings for 4.8 mm receptacles: please see page 149.



Quantity per reel

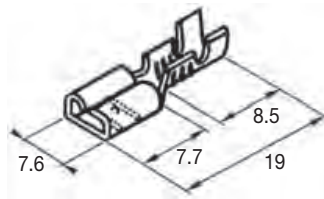
Unless otherwise stated, all dimensions are in millimeters.



Chain Industrial Electrical Connections

Receptacles for 6.35 mm Tabs

- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.

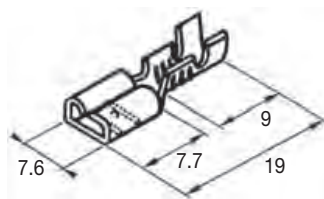


Item code	Part No.	Material	Coating	Thickness		Applicator part number
7190767	00402P	brass	-	0.45	7 000	MT70-14006
7190766	00402DP	brass	tin-plated	0.45	7 000	
7191140	00428P	brass	-	0.40	7 000	
7191141	00428DP	brass	tin-plated	0.40	7 000	
7190880	00412P	steel	nickel-plated	0.40	7 000	
7190768	02402P	bronze	-	0.45	7 000	
	02402DP	bronze	tin-plated	0.45	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7190784	00403P	brass	-	0.45	7 000	MT70-14007
7190782	00403DP	brass	tin-plated	0.45	7 000	
7191168	00429P	brass	-	0.40	7 000	
7191169	00429DP	brass	tin-plated	0.40	7 000	
7191167	00429NP	brass	nickel-plated	0.40	7 000	
7190901	00413NP	steel	nickel-plated	0.40	7 000	
7190786	02403P	bronze	-	0.45	7 000	
	02403DP	bronze	tin-plated	0.45	7 000	

- ✓ Section 2.5 to 6 mm².
- ✓ Max. Ø of insulation: 4.8 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7190800	00404P	brass	-	0.45	5 000	MT70-14008
7190802	00404DP	brass	tin-plated	0.45	5 000	
7191180	00430P	brass	-	0.40	5 000	
7191181	00430DP	brass	tin-plated	0.40	5 000	
7190920	00414NP	steel	nickel-plated	0.40	5 000	
7190816	02404P	bronze	-	0.45	5 000	
	02404DP	bronze	tin-plated	0.45	5 000	

Housings for 6.35 mm receptacles: please see page 150.



Quantity per reel

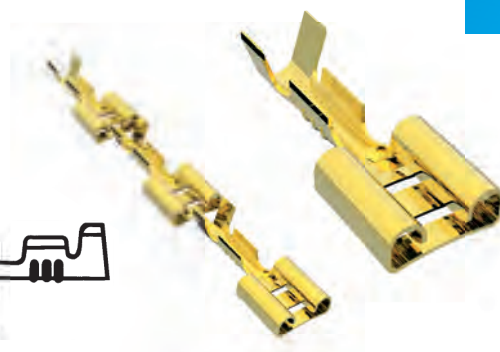
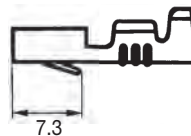
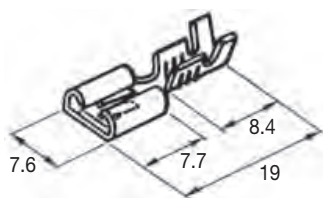
Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Receptacles for 6.35 mm Tabs



- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3.5 mm.



Item
code

Part
No.

Material

Coating

Thickness



Applicator
part number

7191021	00422P	brass	-	0.30	7 000	MT70-14009
7191024	00422DP	brass	tin-plated	0.30	7 000	
7191080	00425P	brass	-	0.40	7 000	
7191083	00425DP	brass	tin-plated	0.40	7 000	
7191037	02422P	bronze	-	0.30	7 000	
7191036	02422DP	bronze	tin-plated	0.30	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4 mm.

Item
code

Part
No.

Material

Coating

Thickness



Applicator
part number

7191040	00423P	brass	-	0.30	7 000	MT70-14010
7191041	00423DP	brass	tin-plated	0.30	7 000	
7191100	00426P	brass	-	0.40	7 000	
7191104	00426DP	brass	tin-plated	0.40	7 000	
7191057	02423P	bronze	-	0.30	7 000	
7191056	02423DP	bronze	tin-plated	0.30	7 000	

- ✓ Section 2.5 to 6 mm².
- ✓ Max. Ø of insulation: 5 mm.

Item
code

Part
No.

Material

Coating

Thickness



Applicator
part number

7191060	00424P	brass	-	0.30	5 000	MT70-14011
7191062	00424DP	brass	tin-plated	0.30	5 000	
7191120	00427P	brass	-	0.40	5 000	
7191121	00427DP	brass	tin-plated	0.40	5 000	
7191076	02424P	bronze	-	0.30	5 000	
	02424DP	bronze	tin-plated	0.30	5 000	

Housings for 6.35 mm receptacles: please see pages 151 to 159.



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

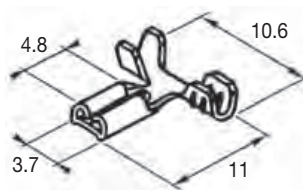


Chain Industrial Electrical Connections

2.8 and 6.35 mm Flag Female Disconnects

2.8 mm Flag Female Disconnects

- ✓ Section 0.34 to 0.75 mm².
- ✓ Max. Ø of insulation: 2.6 mm.

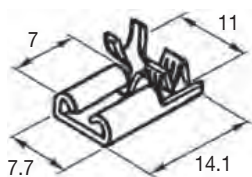


Item code	Part No.	Material	Coating	Thickness		Applicator part number
for 2.8 x 0.5 tabs						
7191201	00432-5P	brass	-	0.30	10 000	MT70-14012
for 2.8 x 0.8 tabs						
7191203	00432-8P	brass	-	0.30	10 000	MT70-14012

Note : end feeding.

6.35 mm Flag Female Disconnects

- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191008	00421-2P	brass	-	0.40	7 000	MT72-14014
7191006	00421-2DP	brass	tin-plated	0.40	7 000	
7190886	00411NP	steel	nickel-plated	0.40	7 000	

Note: Unrolling direction: right – left.

For unrolling direction: left – right, please add a 'G' at the end of the PN.

Insulating housings: please see page 150.



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

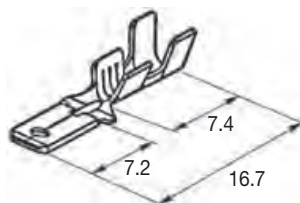
Chain Industrial Electrical Connections

2.8 and 4.8 mm Tabs



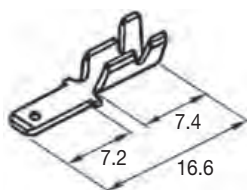
2.8 x 0.5 tabs

- ✓ Section 0.2 to 1 mm².
- ✓ Max. Ø of insulation: 2.5 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191516	00456DP	brass	tin-plated	0.25	20 000	MT70-14456

- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 3 mm.



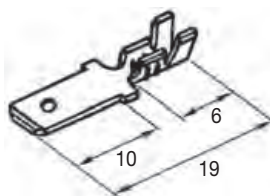
Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191521	00457P	brass	-	0.50	15 000	MT70-14016
7191520	00457DP	brass	tin-plated	0.50	15 000	
7191560	00459NP	steel	nickel-plated	0.50	15 000	

- ✓ Section 1 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.6 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191541	00458P	brass	-	0.50	15 000	MT70-14030
7191540	00458DP	brass	tin-plated	0.50	15 000	
7191580	00460NP	steel	nickel-plated	0.50	15 000	

4.8 x 0.5 tabs

- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 2.4 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191782	00472P	brass	-	0.50	15 000	MT70-14018
7191781	00472DP	brass	tin-plated	0.50	15 000	



Quantity per reel

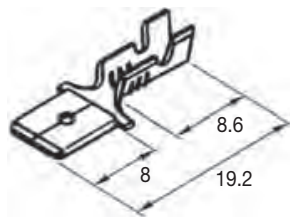
Unless otherwise stated, all dimensions are in millimeters.



Chain Industrial Electrical Connections

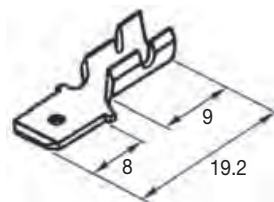
6.35 mm Tabs

- ✓ Section 0.5 to 1.5 mm².
- ✓ Max. Ø of insulation: 3.4 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191444	00451P	brass	-	0.40	7 000	MT70-14020
7191442	00451DP	brass	tin-plated	0.40	7 000	
7191456	00451NP	steel	nickel-plated	0.40	7 000	

- ✓ Section 1 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.4 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191420	00450P	brass	-	0.80	5 000	MT70-14019
7191423	00450DP	brass	tin-plated	0.80	5 000	
7191500	00455NP	steel	nickel-plated	0.80	5 000	



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

6.35 mm Tabs for Housings



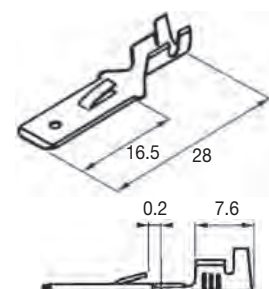
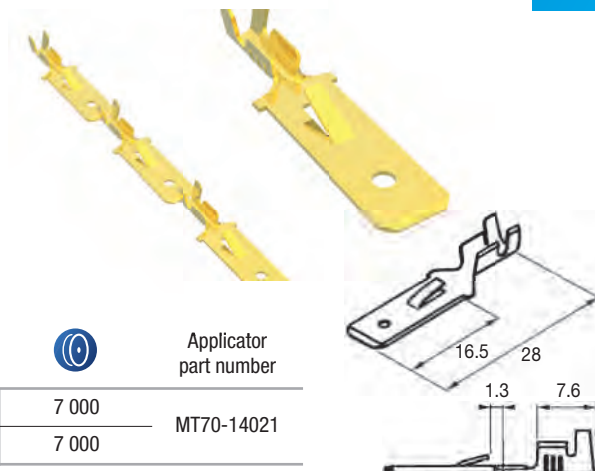
6.35 x 0.4 Tabs

- ✓ Section 1 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.4 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191461	00452P	brass	-	0.40	7 000	MT70-14021
7191460	00452DP	brass	tin-plated	0.40	7 000	

- ✓ Section 1 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.4 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191461	00471P	brass	-	0.40	7 000	MT70-14021
7191460	00471DP	brass	tin-plated	0.40	7 000	



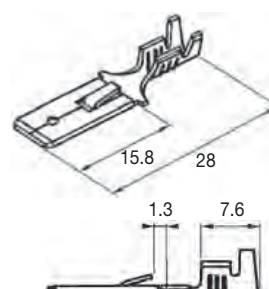
6.35 x 0.8 Tabs

- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 3 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191482	00453P	brass	-	0.40	7 000	MT70-14022
7191481	00453DP	brass	tin-plated	0.40	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.6 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191682	00467P	brass	-	0.40	7 000	MT70-14031
7191680	00467DP	brass	tin-plated	0.40	7 000	

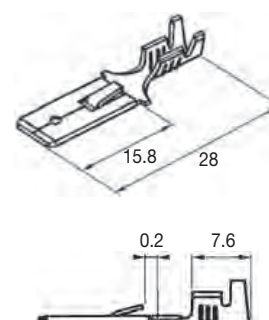


- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 3 mm.

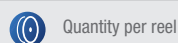
Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191621	00464P	brass	-	0.40	7 000	MT70-14022
7191620	00464DP	brass	tin-plated	0.40	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.6 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191701	00468P	brass	-	0.40	7 000	MT70-14031
7191700	00468DP	brass	tin-plated	0.40	7 000	



Housings for 6.35 tabs: please see pages 151 to 159.



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

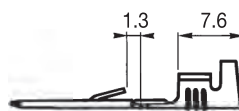
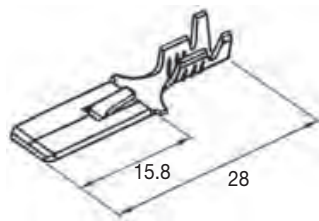


Chain Industrial Electrical Connections

6.35 mm Tabs for Housings

6.5 x 0.8 Tabs

- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 3 mm.

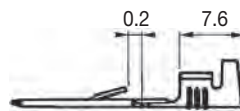
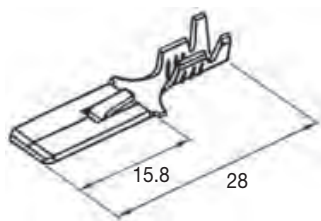


Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191641	00465P	brass	-	0.40	7 000	MT70-14022
7191640	00465DP	brass	tin-plated	0.40	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.6 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191721	00469P	brass	-	0.40	7 000	MT70-14031
7191720	00469DP	brass	tin-plated	0.40	7 000	

- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 3 mm.



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191661	00466P	brass	-	0.40	7 000	MT70-14022
7191660	00466DP	brass	tin-plated	0.40	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 3.6 mm.

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7191741	00470P	brass	-	0.40	7 000	MT70-14031
7191740	00470DP	brass	tin-plated	0.40	7 000	

Housings for 6.35 tabs: please see pages 151 to 159.



Quantity per reel

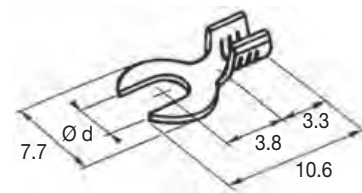
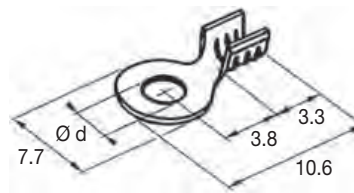
Unless otherwise stated, all dimensions are in millimeters.

Chain Industrial Electrical Connections

Ring and Fork Terminals



The ring or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.



✓ Section 0.34 to 1.5 mm².

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7192100	00701P	brass	-	0.50	2.6	20 000
7192101	00701DP	brass	tin-plated	0.50	2.6	20 000
7193960	00801NP	steel	nickel-plated	0.50	2.6	20 000
7192262	00710P	brass	-	0.50	3.2	20 000
7192261	00710DP	brass	tin-plated	0.50	3.2	20 000
7192200	00707NP	steel	nickel-plated	0.50	3.2	20 000
7192283	00711P	brass	-	0.50	3.7	20 000
7192281	00711DP	brass	tin-plated	0.50	3.7	20 000
7192221	00708NP	steel	nickel-plated	0.50	3.7	20 000
7192300	00712P	brass	-	0.50	4.2	20 000
7192301	00712DP	brass	tin-plated	0.50	4.2	20 000
7192240	00709NP	steel	nickel-plated	0.50	4.2	20 000

MT70-17005



Quantity per reel

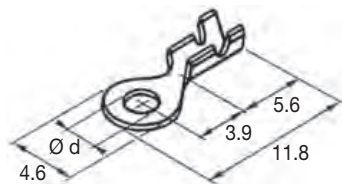
Unless otherwise stated,
all dimensions are in millimeters.



Chain Industrial Electrical Connections

Ring Terminals

- ✓ Section 0.34 to 1 mm².
- ✓ Max. Ø of insulation: 2 mm.



Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7199390	93100DP	brass	tin-plated	0.50	2.2	15 000	MT70-93100



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Ring and Fork Terminals

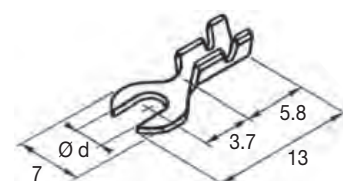
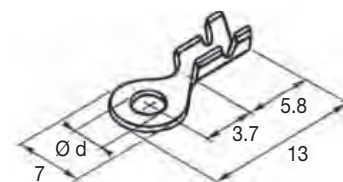


The ring or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.

- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7192196	00706P	brass	-	0.50	2.1	15 000
7192197	00706DP	brass	tin-plated	0.50	2.1	15 000
7192660	00730P	brass	-	0.50	3	15 000
7192661	00730DP	brass	tin-plated	0.50	3	15 000
7192863	00740P	brass	-	0.50	3.2	15 000
7192862	00740DP	brass	tin-plated	0.50	3.2	15 000
7193280	00762NP	steel	nickel-plated	0.50	3.2	15 000
7192882	00741P	brass	-	0.50	3.7	15 000
7192881	00741DP	brass	tin-plated	0.50	3.7	15 000
7193300	00763NP	steel	nickel-plated	0.50	3.7	15 000
7192904	00742P	brass	-	0.50	4.2	15 000
7192905	00742DP	brass	tin-plated	0.50	4.2	15 000
7193321	00764NP	steel	nickel-plated	0.50	4.2	15 000

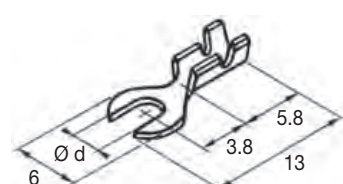
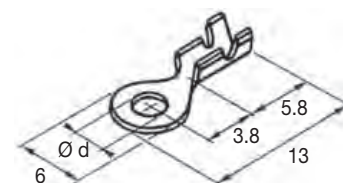
MT70-17009



- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7192120	00702P	brass	-	0.50	2.7	15 000
7192122	00702DP	brass	tin-plated	0.50	2.7	15 000
7194600	00850NP	steel	nickel-plated	0.50	2.7	15 000
7193500	00773P	brass	-	0.50	3.2	15 000
7193502	00773DP	brass	tin-plated	0.50	3.2	15 000
7194620	00851NP	steel	nickel-plated	0.50	3.2	15 000
7193520	00774P	brass	-	0.50	3.7	15 000
7193521	00774DP	brass	tin-plated	0.50	3.7	15 000
7194640	00852NP	steel	nickel-plated	0.50	3.7	15 000
7193542	00775P	brass	-	0.50	4.2	15 000
7193541	00775DP	brass	tin-plated	0.50	4.2	15 000
7194660	00853NP	steel	nickel-plated	0.50	4.2	15 000

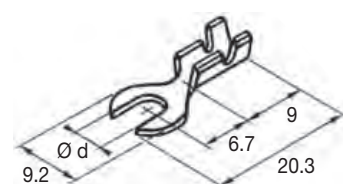
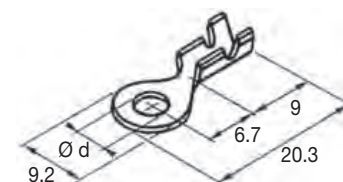
MT70-17008



- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3.5 mm.

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7194220	00831P	brass	-	0.50	3.2	7 000
7194221	00831DP	brass	tin-plated	0.50	3.2	7 000
7194680	00854NP	steel	nickel-plated	0.50	3.2	7 000
7194242	00832P	brass	-	0.50	3.7	7 000
7194241	00832DP	brass	tin-plated	0.50	3.7	7 000
7194700	00855NP	steel	nickel-plated	0.50	3.7	7 000
7194260	00833P	brass	-	0.50	4.2	7 000
7194261	00833DP	brass	tin-plated	0.50	4.2	7 000
7194720	00856NP	steel	nickel-plated	0.50	4.2	7 000

MT70-17010



Note: Applicator for crimping and cutting as a fork: upon request.



Quantity per reel

Unless otherwise stated, all dimensions are in millimeters.

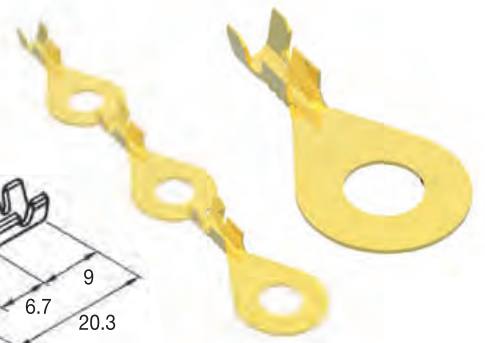
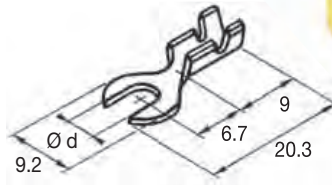
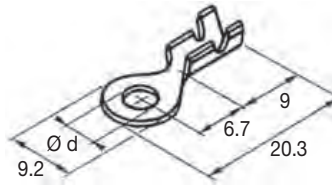


Chain Industrial Electrical Connections

Ring and Fork Terminals

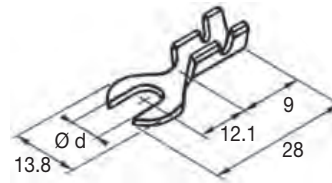
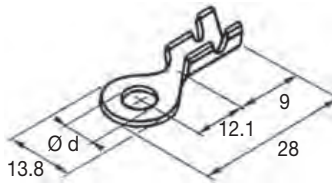
The ring or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.

- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3.5 mm.



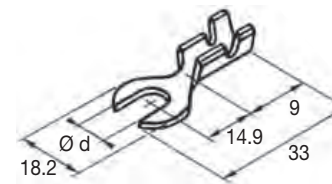
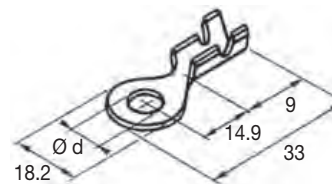
Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7194280	00834P	brass	-	0.50	5.2	7 000	MT70-17010
7194284	00834DP	brass	tin-plated	0.50	5.2	7 000	
7194680	00857NP	steel	nickel-plated	0.50	5.2	7 000	
7194300	00835P	brass	-	0.50	6.2	7 000	
7194301	00835DP	brass	tin-plated	0.50	6.2	7 000	
7194760	00858NP	steel	nickel-plated	0.50	6.2	7 000	

- ✓ Section 0.34 à 1.5 mm².
- ✓ Max. Ø of insulation: 3.2 mm.



Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7193981	00818P	brass	-	0.60	6.4	3 500	MT70-17014
7193980	00818DP	brass	tin-plated	0.60	6.4	3 500	
7194880	00864NP	steel	nickel-plated	0.60	6.4	3 500	
7194001	00819P	brass	-	0.60	8.6	3 500	
7194000	00819DP	brass	tin-plated	0.60	8.6	3 500	
7194900	00865NP	steel	nickel-plated	0.60	8.6	3 500	
7194021	00820P	brass	-	0.60	10.6	3 500	
7194020	00820DP	brass	tin-plated	0.60	10.6	3 500	
7194920	00866NP	steel	nickel-plated	0.60	10.6	3 500	

- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3.2 mm.



Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7194101	00824P	brass	-	0.60	10.6	3 000	MT70-17016
7194100	00824DP	brass	tin-plated	0.60	10.6	3 000	
7194121	00825P	brass	-	0.60	13.2	3 000	
7194120	00825DP	brass	tin-plated	0.60	13.2	3 000	
7194141	00826P	brass	-	0.60	14.6	3 000	
7194140	00826DP	brass	tin-plated	0.60	14.6	3 000	

Note: Applicator for crimping and cutting as a fork: upon request.



Quantity per reel

Unless otherwise stated, all dimensions are in millimeters.

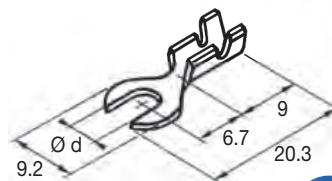
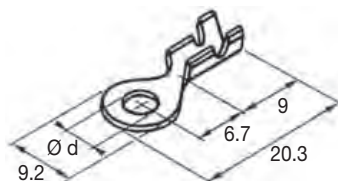
Chain Industrial Electrical Connections

Ring and Fork Terminals



The ring or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.



Applicator
part number

Item code	Part No.	Material	Coating	Thickness	Ø d	
7193800	00793P	brass	-	0.50	3.2	7 000
7193801	00793DP	brass	tin-plated	0.50	3.2	7 000
7194780	00859NP	steel	nickel-plated	0.50	3.2	5 000
7192320	00713P	brass	-	0.60	3.2	7 000
7192324	00713DP	brass	tin-plated	0.60	3.2	7 000
7193340	00765NP	steel	nickel-plated	0.60	3.2	5 000
7193720	00787P	brass	-	0.50	3.7	7 000
7193721	00787DP	brass	tin-plated	0.50	3.7	7 000
7194800	00860NP	steel	nickel-plated	0.50	3.7	5 000
7193620	00779P	brass	-	0.60	3.7	7 000
7193621	00779DP	brass	tin-plated	0.60	3.7	7 000
7193640	00780NP	steel	nickel-plated	0.60	3.7	7 000
7193826	00794P	brass	-	0.50	4.2	7 000
7193825	00794DP	brass	tin-plated	0.50	4.2	7 000
7194820	00861NP	steel	nickel-plated	0.50	4.2	7 000
7192343	00714P	brass	-	0.60	4.2	7 000
7192344	00714DP	brass	tin-plated	0.60	4.2	7 000
7193360	00766NP	steel	nickel-plated	0.60	4.2	5 000
7193844	00795P	brass	-	0.50	5.2	7 000
7193845	00795DP	brass	tin-plated	0.50	5.2	7 000
7194841	00862NP	steel	nickel-plated	0.50	5.2	5 000
7192365	00715P	brass	-	0.60	5.2	7 000
7192364	00715DP	brass	tin-plated	0.60	5.2	7 000
7193381	00767NP	steel	nickel-plated	0.60	5.2	5 000
7193860	00796P	brass	-	0.50	6.2	7 000
7193864	00796DP	brass	tin-plated	0.50	6.2	7 000
7194860	00863NP	steel	nickel-plated	0.50	6.2	5 000
7192380	00716P	brass	-	0.60	6.2	7 000
7192381	00716DP	brass	tin-plated	0.60	6.2	7 000
7193400	00768NP	steel	nickel-plated	0.60	6.2	5 000

MT70-17011

Note: Applicator for crimping and cutting as a fork: upon request.



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.



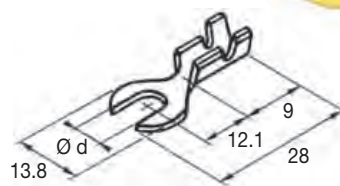
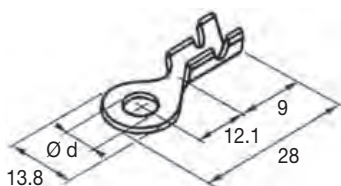
Chain Industrial Electrical Connections

Ring and Fork Terminals

The ring or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.

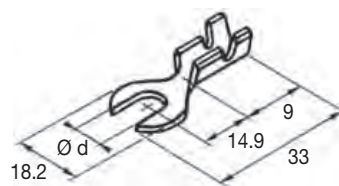
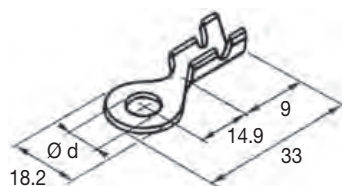


- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.



Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7194041	00821P	brass	-	0.60	6.4	3 500	MT70-17015
7194040	00821DP	brass	tin-plated	0.60	6.4	3 500	
7194940	00867NP	steel	nickel-plated	0.60	6.4	3 500	
7194061	00822P	brass	-	0.60	8.6	3 500	
7194060	00822DP	brass	tin-plated	0.60	8.6	3 500	
7194081	00823P	brass	-	0.60	10.6	3 500	
7194080	00823DP	brass	tin-plated	0.60	10.6	3 500	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.



Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7194161	00827P	brass	-	0.60	10.6	3 000	MT70-17017
7194160	00827DP	brass	tin-plated	0.60	10.6	3 000	
7194181	00828P	brass	-	0.60	13.2	3 000	
7194180	00828DP	brass	tin-plated	0.60	13.2	3 000	
7194201	00829P	brass	-	0.60	14.6	3 000	
7194200	00829DP	brass	tin-plated	0.60	14.6	3 000	

Note: Applicator for crimping and cutting as a fork: upon request.



Quantity per reel

Unless otherwise stated, all dimensions are in millimeters.

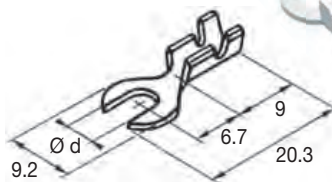
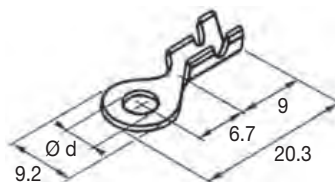
Chain Industrial Electrical Connections

Ring and Fork Terminals



The ring or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.

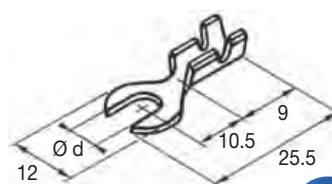
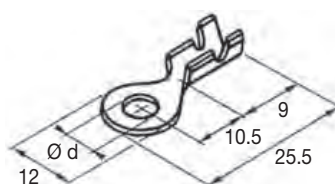
- ✓ Section 2.5 to 4 mm².
- ✓ Max. Ø of insulation: 5 mm.



Applicator
part number

Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7192520	00723P	brass	-	0.80	3.2	5 000	MT70-17012
7192521	00723DP	brass	tin-plated	0.80	3.2	5 000	
7193420	00769NP	steel	nickel-plated	0.80	3.2	5 000	
7193660	00783P	brass	-	0.80	3.7	5 000	
7193661	00783DP	brass	tin-plated	0.80	3.7	5 000	
7193680	00784NP	steel	nickel-plated	0.80	3.7	5 000	
7192540	00724P	brass	-	0.80	4.2	5 000	
7192541	00724DP	brass	tin-plated	0.80	4.2	5 000	
7193440	00770NP	steel	nickel-plated	0.80	4.2	5 000	
7192560	00725P	brass	-	0.80	5.2	5 000	
7192561	00725DP	brass	tin-plated	0.80	5.2	5 000	
7193460	00771NP	steel	nickel-plated	0.80	5.2	5 000	
7192580	00726P	brass	-	0.80	6.2	5 000	
7192581	00726DP	brass	tin-plated	0.80	6.2	5 000	
7193480	00772NP	steel	nickel-plated	0.80	6.2	5 000	

- ✓ Section 2.5 to 6 mm².
- ✓ Max. Ø of insulation: 5 mm.



Applicator
part number

Item code	Part No.	Material	Coating	Thickness	Ø d		Applicator part number
7193040	00749P	brass	-	0.80	5.2	2 500	MT70-17013
7193041	00749DP	brass	tin-plated	0.80	5.2	2 500	
7193240	00760NP	steel	nickel-plated	0.80	5.2	2 500	
7193060	00750P	brass	-	0.80	6.2	2 500	
7193061	00750DP	brass	tin-plated	0.80	6.2	2 500	
7193180	00756NP	steel	nickel-plated	0.80	6.2	2 500	
7193082	00751P	brass	-	0.80	7.2	2 500	
7193081	00751DP	brass	tin-plated	0.80	7.2	2 500	
7193200	00757NP	steel	nickel-plated	0.80	7.2	2 500	
7193100	00752P	brass	-	0.80	8.2	2 500	
7193105	00752DP	brass	tin-plated	0.80	8.2	2 500	
7193220	00758NP	steel	nickel-plated	0.80	8.2	2 500	

Note: Applicator for crimping and cutting as a fork: upon request.



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.



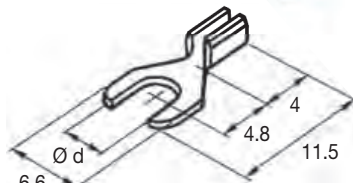
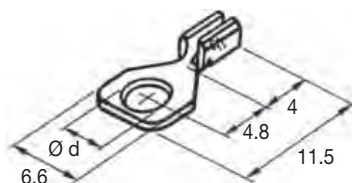
Chain Industrial Electrical Connections

Insulation Piercing Square and Fork Terminals

The square or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.



- ✓ Crimping through insulation piercing.
- ✓ Max. Ø of insulation: 1.2 mm.



Item code	Part No.	Material	Coating	Thickness	Ø d	Quantity per reel	Applicator part number
7190820	00501P	brass	-	0.50	3.7	25 000	upon request
7190824	00501DP	brass	tin-plated	0.50	3.7	25 000	

Note: the terminal 00501DP has been approved by FRANCE TELECOM



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

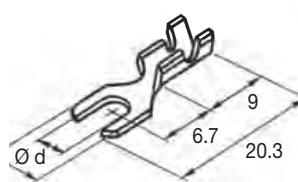
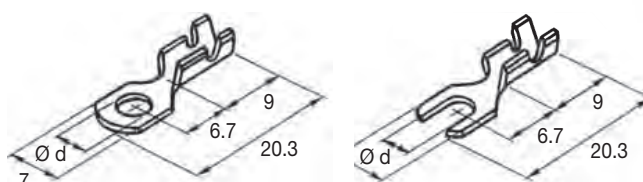
Square and Fork Terminals



The square or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.



- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.



Item
code

Part
No.

Material

Coating

Thickness

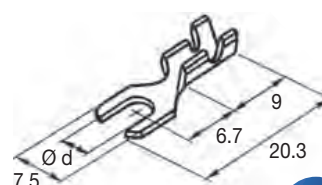
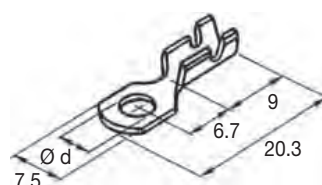
Ø d



Applicator
part number

7194320	00836P	brass	-	0.50	3.2	7 000	MT70-17018
7194322	00836DP	brass	tin-plated	0.50	3.2	7 000	
7194340	00837NP	steel	nickel-plated	0.50	3.2	7 000	
7194440	00842P	brass	-	0.60	3.2	7 000	
7194441	00842DP	brass	tin-plated	0.60	3.2	7 000	
7194460	00843NP	steel	nickel-plated	0.60	3.2	7 000	
7194360	00838P	brass	-	0.50	3.7	7 000	
7194361	00838DP	brass	tin-plated	0.50	3.7	7 000	
7194380	00839NP	steel	nickel-plated	0.50	3.7	7 000	
7194480	00844P	brass	-	0.60	3.7	7 000	
7194481	00844DP	brass	tin-plated	0.60	3.7	7 000	
7194500	00845NP	steel	nickel-plated	0.60	3.7	7 000	

- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.



Item
code

Part
No.

Material

Coating

Thickness

Ø d



Applicator
part number

7193880	00797P	brass	-	0.50	3.2	7 000	MT70-17019
7193881	00797DP	brass	tin-plated	0.50	3.2	7 000	
7195120	00884NP	steel	nickel-plated	0.50	3.2	7 000	
7192920	00743P	brass	-	0.60	3.2	7 000	
7192921	00743DP	brass	tin-plated	0.60	3.2	7 000	
7194960	00876NP	steel	nickel-plated	0.60	3.2	7 000	
7194560	00848P	brass	-	0.50	3.7	7 000	
7194561	00848DP	brass	tin-plated	0.50	3.7	7 000	
7194580	00849NP	steel	nickel-plated	0.50	3.7	7 000	
7192840	00739P	brass	-	0.60	3.7	7 000	
7192841	00739DP	brass	tin-plated	0.60	3.7	7 000	
7194980	00877NP	steel	nickel-plated	0.60	3.7	7 000	



Quantity per reel

Unless otherwise stated,
all dimensions are in millimeters.



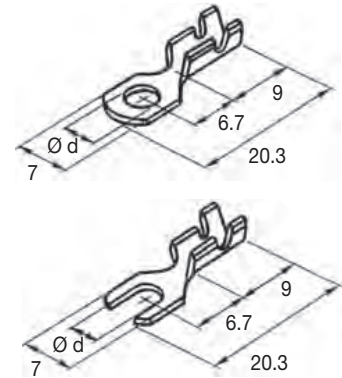
Chain Industrial Electrical Connections

Square and Fork Terminals

The square or fork terminals are supplied under the same part number; it is the crimping tool which cuts the palm as a fork.

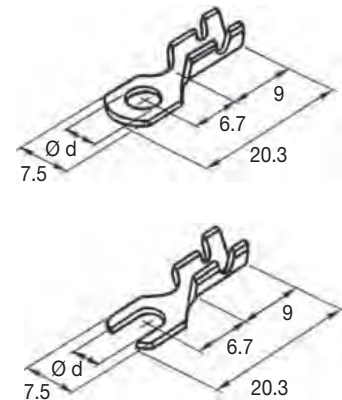
- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7194405	00840P	brass	-	0.50	4.2	7 000
7194406	00840DP	brass	tin-plated	0.50	4.2	7 000
7194407	00840NP	brass	nickel-plated	0.50	4.2	7 000
7194420	00841NP	steel	nickel-plated	0.50	4.2	7 000
7194520	00846P	brass	-	0.60	4.2	7 000
7194521	00846DP	brass	tin-plated	0.60	4.2	7 000
7194540	00847NP	steel	nickel-plated	0.50	4.2	7 000



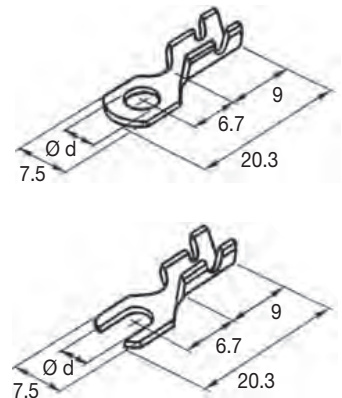
- ✓ Section 0.6 to 2.5 mm².
- ✓ Max. Ø of insulation: 4.2 mm.

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7193900	00798P	brass	-	0.50	4.2	7 000
7193901	00798DP	brass	tin-plated	0.50	4.2	7 000
7195140	00885NP	steel	nickel-plated	0.50	4.2	7 000
7192940	00744P	brass	-	0.60	4.2	7 000
7192941	00744DP	brass	tin-plated	0.60	4.2	7 000
7195000	00878NP	steel	nickel-plated	0.60	4.2	7 000
7193922	00799P	brass	-	0.50	5.2	7 000
7193921	00799DP	brass	tin-plated	0.50	5.2	7 000
7195160	00886NP	steel	nickel-plated	0.50	5.2	7 000
7192964	00745P	brass	-	0.60	5.2	7 000
7192961	00745DP	brass	tin-plated	0.60	5.2	7 000
7195020	00879NP	steel	nickel-plated	0.60	5.2	7 000



- ✓ Section 2.5 to 4 mm².
- ✓ Max. Ø of insulation: 4.8 mm.

Item code	Part No.	Material	Coating	Thickness	Ø d	Applicator part number
7192980	00746P	brass	-	0.80	3.2	5 000
7192981	00746DP	brass	tin-plated	0.80	3.2	5 000
7195060	00880NP	steel	nickel-plated	0.80	3.2	5 000
7193260	00761P	brass	-	0.80	3.7	5 000
7193261	00761DP	brass	tin-plated	0.80	3.7	5 000
7195060	00881NP	steel	nickel-plated	0.80	3.7	5 000
7193000	00747P	brass	-	0.80	4.2	5 000
7193001	00747DP	brass	tin-plated	0.80	4.2	5 000
7195080	00882NP	steel	nickel-plated	0.80	4.2	5 000
7193020	00748P	brass	-	0.80	5.2	5 000
7193022	00748DP	brass	tin-plated	0.80	5.2	5 000
7195100	00883NP	steel	nickel-plated	0.80	5.2	5 000



Quantity per reel

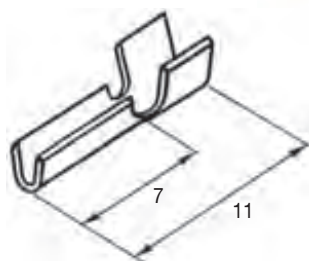
Unless otherwise stated, all dimensions are in millimeters.

Chain Industrial Electrical Connections

End Splices



- ✓ Section 0.34 to 1.5 mm².
- ✓ Max. Ø of insulation: 3 mm.



Item
code

Part
No.

Material

Coating

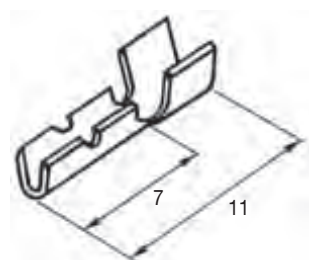
Thickness



Applicator
part number

7195701	00920P	brass	-	0.30	20 000	MT70-19008
7195700	00920DP	brass	tin-plated	0.30	20 000	

- ✓ Section 1 to 2.5 mm².
- ✓ Max. Ø of insulation: 4 mm.



Item
code

Part
No.

Material

Coating

Thickness



Applicator
part number

7195721	00921P	brass	-	0.30	20 000	MT70-19009
7195720	00921DP	brass	tin-plated	0.30	20 000	



Quantity per reel

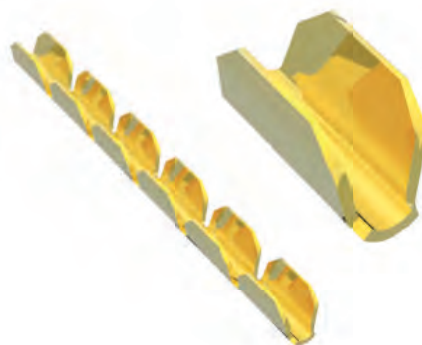
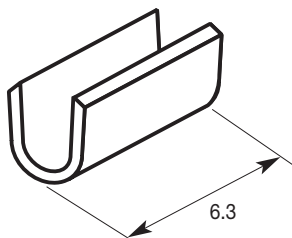
Unless otherwise stated,
all dimensions are in millimeters.



Chain Industrial Electrical Connections

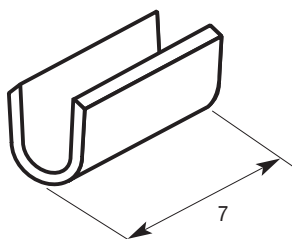
End Splices

✓ Section 0.3 to 0.8 mm².



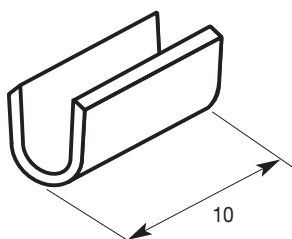
Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195542	00908P	brass	-	0.30	50 000	MT70-19004
7195546	00908DP	brass	tin-plated	0.30	50 000	
7195661	00918NP	steel	nickel-plated	0.30	50 000	

✓ Section 0.5 to 1.5 mm².



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195622	00916P	brass	-	0.40	50 000	MT70-19005
7195621	00916DP	brass	tin-plated	0.40	50 000	
7195680	00919NP	steel	nickel-plated	0.40	50 000	
7195500	00904P	brass	-	0.50	50 000	
7195501	00904DP	brass	tin-plated	0.50	50 000	
7195480	00903NP	steel	nickel-plated	0.50	50 000	

✓ Section 2.5 to 6 mm².



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195441	00900P	brass	-	0.38	15 000	MT70-19006
7195440	00900DP	brass	tin-plated	0.38	15 000	
7195460	00901NP	steel	nickel-plated	0.40	15 000	
7195861	00933P	brass	-	0.50	15 000	
7195860	00933DP	brass	tin-plated	0.50	15 000	
7195880	00934NP	steel	nickel-plated	0.50	15 000	

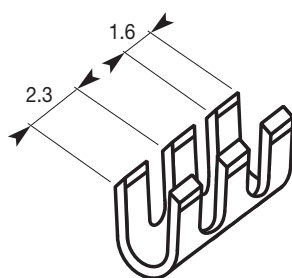


Quantity per reel

Unless otherwise stated, all dimensions are in millimeters.

Chain Industrial Electrical Connections

End Splices



✓ Section 0.34 to 1 mm².

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195901	00936P	brass	-	0.30	200 000	MT70-19020
7195900	00936DP	brass	tin-plated	0.30	200 000	
7195906	00937P	brass	-	0.40	200 000	
7195905	00937DP	brass	tin-plated	0.40	200 000	

✓ Section 0.75 to 2.5 mm².

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195917	00940P	brass	-	0.30	100 000	MT70-19021
7195918	00940DP	brass	tin-plated	0.30	100 000	

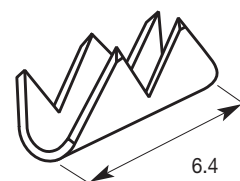
✓ Section 2.5 to 4 mm².

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195741	00923P	brass	-	0.30	125 000	MT70-19011
7195740	00923DP	brass	tin-plated	0.30	125 000	
7195761	00924P	brass	-	0.40	125 000	
7195760	00924DP	brass	tin-plated	0.40	125 000	
7195781	00925P	brass	-	0.50	125 000	
7195780	00925DP	brass	tin-plated	0.50	125 000	

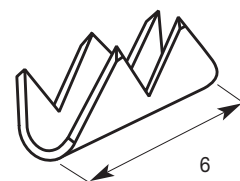
Note: The crimping of the end splices can be made by module of 2, 3 or 4, please indicate the number of end splices requested on the purchase order of the tool.

Round Crimping

✓ Section 0.3 to 0.75 mm².



Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195823	00930P	brass	-	0.25	75 000	MT70-19014
7195822	00930DP	brass	tin-plated	0.25	75 000	



✓ Section 0.75 to 1.5 mm².

Item code	Part No.	Material	Coating	Thickness		Applicator part number
7195925	00938P	brass	-	0.30	40 000	MT70-19015
	00938DP	brass	tin-plated	0.30	40 000	



Quantity per reel

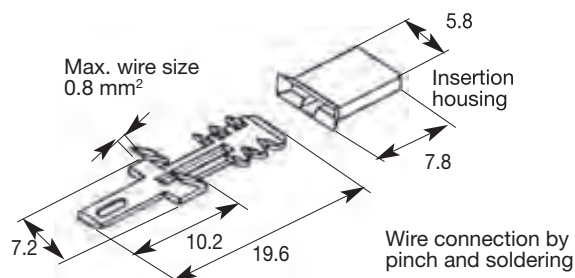
Unless otherwise stated, all dimensions are in millimeters.



Chain Industrial Electrical Connections

Tabs to Be Inserted in Motor Housing

2.8 x 0.5 Tabs



Item
code

Part
No.

Material

Coating

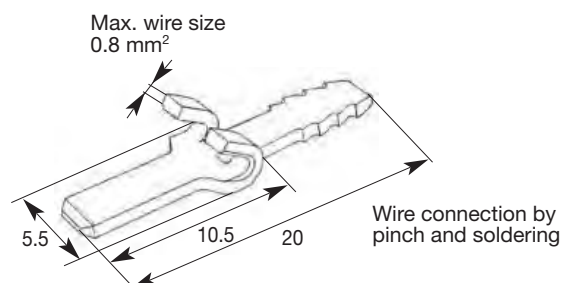
Thickness

Quantity
per box

7196002	01020V	brass	-	0.50	1 000
7196000	01020DV	brass	tin-plated	0.50	1 000

Note: these products can also be delivered on a reel: please ask.

2.8 x 0.8 Tabs



Item
code

Part
No.

Material

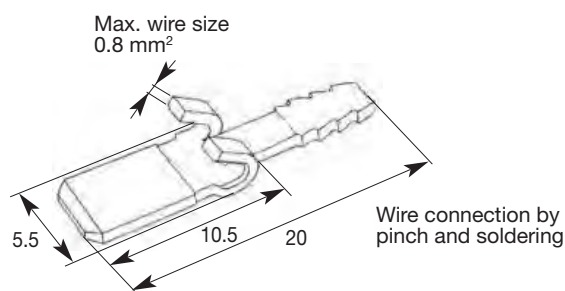
Coating

Thickness

Quantity
per box

7199504	96601-2,8V	brass	-	0.50	5 000
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4.8 x 0.8 Tabs



Item
code

Part
No.

Material

Coating

Thickness

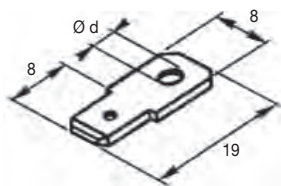
Quantity
per box

7199505	96601-4,8V	brass	-	0.50	5 000
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Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

6.3 x 0.8 Loose Tabs



Item
code

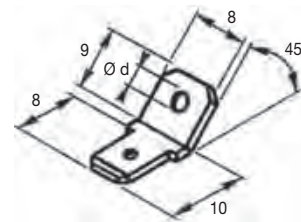
Part
No.

Material

Coating

Ø d (mm)

7196041	01100V	brass	-	3.2
7196040	01100DV	brass	tin-plated	3.2
7196141	01105NV	steel	nickel-plated	3.2
7196062	01101V	brass	-	3.7
7196060	01101DV	brass	tin-plated	3.7
7196161	01106NV	steel	nickel-plated	3.7
7196081	01102V	brass	-	4.2
7196080	01102DV	brass	tin-plated	4.2
7196181	01107NV	steel	nickel-plated	4.2
7196101	01103V	brass	-	5.2
7196100	01103DV	brass	tin-plated	5.2
7196201	01108NV	steel	nickel-plated	5.2
7196121	01104V	brass	-	non bolted
7196120	01104DV	brass	tin-plated	non bolted
7196221	01109NV	steel	nickel-plated	non bolted



Item
code

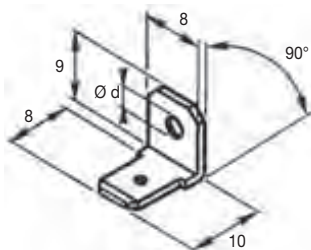
Part
No.

Material

Coating

Ø d (mm)

7196241	01110V	brass	-	3.2
7196240	01110DV	brass	tin-plated	3.2
7196341	01115NV	steel	nickel-plated	3.2
7196261	01111V	brass	-	3.7
7196260	01111DV	brass	tin-plated	3.7
7196361	01116NV	steel	nickel-plated	3.7
7196281	01112V	brass	-	4.2
7196280	01112DV	brass	tin-plated	4.2
7196381	01117NV	steel	nickel-plated	4.2
7196301	01113V	brass	-	5.2
7196300	01113DV	brass	tin-plated	5.2
7196401	01118NV	steel	nickel-plated	5.2
7196321	01114V	brass	-	non bolted
7196320	01114DV	brass	tin-plated	non bolted
7196421	01119NV	steel	nickel-plated	non bolted



Item
code

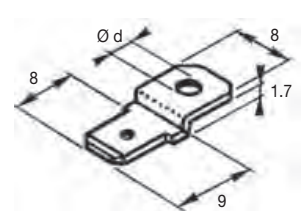
Part
No.

Material

Coating

Ø d (mm)

7196441	01120V	brass	-	3.2
7196440	01120DV	brass	tin-plated	3.2
7196541	01125NV	steel	nickel-plated	3.2
7196461	01121V	brass	-	3.7
7196460	01121DV	brass	tin-plated	3.7
7196561	01126NV	steel	nickel-plated	3.7
7196481	01122V	brass	-	4.2
7196480	01122DV	brass	tin-plated	4.2
7196581	01127NV	steel	nickel-plated	4.2
7196501	01123V	brass	-	5.2
7196500	01123DV	brass	tin-plated	5.2
7196601	01128NV	steel	nickel-plated	5.2
7196521	01124V	brass	-	non bolted
7196520	01124DV	brass	tin-plated	non bolted
7196621	01129NV	steel	nickel-plated	non bolted



Item
code

Part
No.

Material

Coating

Ø d (mm)

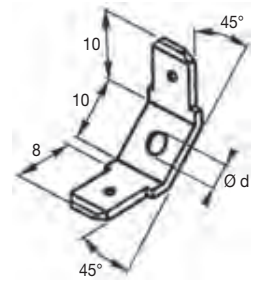
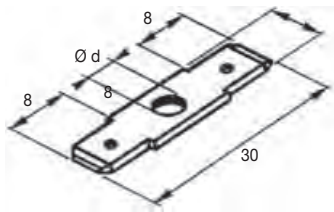
7196641	01130V	brass	-	3.2
7196640	01130DV	brass	tin-plated	3.2
7196741	01135NV	steel	nickel-plated	3.2
7196661	01131V	brass	-	3.7
7196660	01131DV	brass	tin-plated	3.7
7196761	01136NV	steel	nickel-plated	3.7
7196681	01132V	brass	-	4.2
7196680	01132DV	brass	tin-plated	4.2
7196781	01137NV	steel	nickel-plated	4.2
7196701	01133V	brass	-	5.2
7196700	01133DV	brass	tin-plated	5.2
7196801	01138NV	steel	nickel-plated	5.2
7196721	01134V	brass	-	non bolted
7196720	01134DV	brass	tin-plated	non bolted
7196821	01139NV	steel	nickel-plated	non bolted

Unless otherwise stated,
all dimensions are in millimeters.



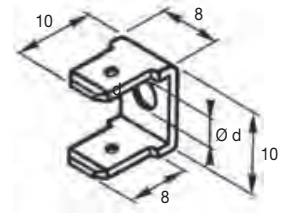
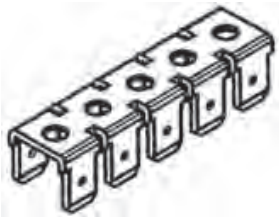
Chain Industrial Electrical Connections

6.3 x 0.8 Loose Tabs



Item code	Part No.	Material	Coating	Ø d (mm)
7197601	01200V	brass	-	3.2
7197600	01200DV	brass	tin-plated	3.2
7197701	01205NV	steel	nickel-plated	3.2
7197621	01201V	brass	-	3.7
7197620	01201DV	brass	tin-plated	3.7
7197721	01206NV	steel	nickel-plated	3.7
7197641	01202V	brass	-	4.2
7197640	01202DV	brass	tin-plated	4.2
7197741	01207NV	steel	nickel-plated	4.2
7197661	01203V	brass	-	5.2
7197660	01203DV	brass	tin-plated	5.2
7197761	01208NV	steel	nickel-plated	5.2
7197681	01204V	brass	-	non bolted
7197680	01204DV	brass	tin-plated	non bolted
7197781	01209NV	steel	nickel-plated	non bolted

Item code	Part No.	Material	Coating	Ø d (mm)
7197801	01210V	brass	-	3.2
7197800	01210DV	brass	tin-plated	3.2
7197901	01215NV	steel	nickel-plated	3.2
7197821	01211V	brass	-	3.7
7197820	01211DV	brass	tin-plated	3.7
7197921	01216NV	steel	nickel-plated	3.7
7197841	01212V	brass	-	4.2
7197840	01212DV	brass	tin-plated	4.2
7197941	01217NV	steel	nickel-plated	4.2
7197861	01213V	brass	-	5.2
7197860	01213DV	brass	tin-plated	5.2
7197961	01218NV	steel	nickel-plated	5.2
7197881	01214V	brass	-	non bolted
7197880	01214DV	brass	tin-plated	non bolted
7197981	01219NV	steel	nickel-plated	non bolted



6.35 x 0.8 Tabs

All the aforementioned products can be cut as multiple connection tabs (2, 3, 4 or 5 pieces). Should you wish this solution, please just add at the end of the PN a dash followed by the number of tabs wished for each module and also the letter 'V'.

Example:

- ✓ 6.3 x 0.8 double tabs, raw brass.
- ✓ Bent at 90°.
- ✓ Bolt at 3.2 mm.
- ✓ Cut by a module of 5 pieces.
- ✓ The part number will be: 01222-5V.

Item code	Part No.	Material	Coating	Ø d (mm)
7198001	01220V	brass	-	3.2
7198000	01220DV	brass	tin-plated	3.2
7198101	01225NV	steel	nickel-plated	3.2
7198021	01221V	brass	-	3.7
7198020	01221DV	brass	tin-plated	3.7
7198121	01226NV	steel	nickel-plated	3.7
7198041	01222V	brass	-	4.2
7198040	01222DV	brass	tin-plated	4.2
7198141	01227NV	steel	nickel-plated	4.2
7198061	01223V	brass	-	5.2
7198060	01223DV	brass	tin-plated	5.2
7198161	01228NV	steel	nickel-plated	5.2
7198081	01224V	brass	-	non bolted
7198080	01224DV	brass	tin-plated	non bolted
7198181	01229NV	steel	nickel-plated	non bolted

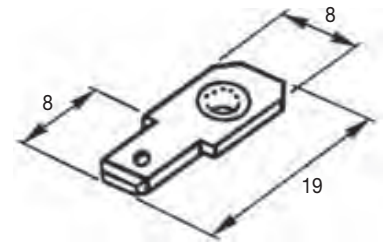
Unless otherwise stated, all dimensions are in millimeters.

Chain Industrial Electrical Connections

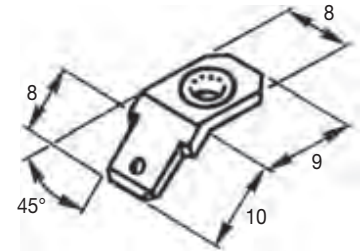
6.3 x 0.8 Loose Tabs for Soldered Connections



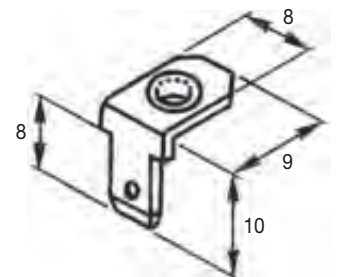
Item code	Part No.	Material	Coating
7197161	01156NV	steel	nickel-plated



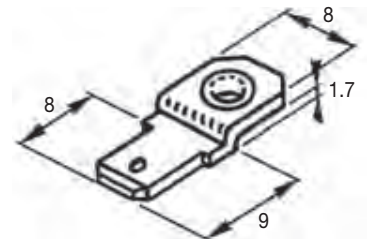
Item code	Part No.	Material	Coating
7197181	01157NV	steel	nickel-plated



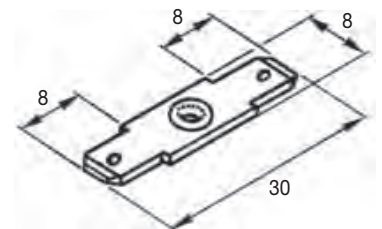
Item code	Part No.	Material	Coating
7197201	01158NV	steel	nickel-plated



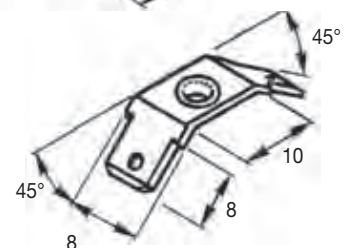
Item code	Part No.	Material	Coating
7197221	01159NV	steel	nickel-plated



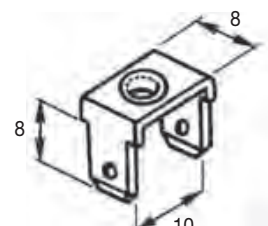
Item code	Part No.	Material	Coating
7198441	01242NV	steel	nickel-plated



Item code	Part No.	Material	Coating
7198461	01243NV	steel	nickel-plated



Item code	Part No.	Material	Coating
7198481	01244NV	steel	nickel-plated



Unless otherwise stated,
all dimensions are in millimeters.

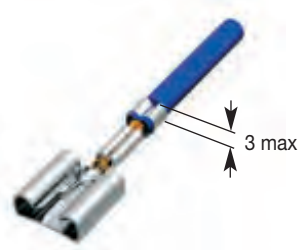
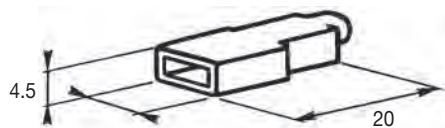


Chain Industrial Electrical Connections

Flexible Insulation Sleeves

Flexible sleeve for 4.8 mm receptacle

For MECATRACTION receptacles with PN:
00405, 00415, 00435, 00436.



Item
code

Part
No.

Material

Colour

7199620

CSC4801F

polyethylene

natural

7199619

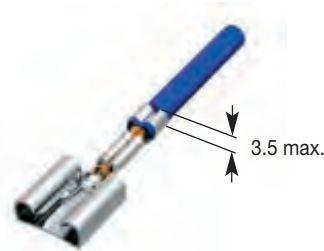
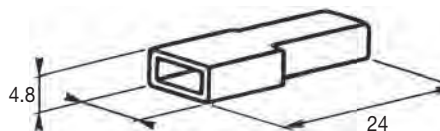
CSC4801F5

polyethylene

●

Flexible sleeve for 6.35 mm receptacle

For MECATRACTION receptacles with PN:
00402, 00428, 00412, 02402, 00403, 00429, 00413, 02403.



Item
code

Part
No.

Material

Colour

7199680

CSC6302F

polyethylene

natural

7199681

CSC6302F5

polyethylene

●

Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Insulation Sleeves for 2.8 and 4.8 mm Receptacles

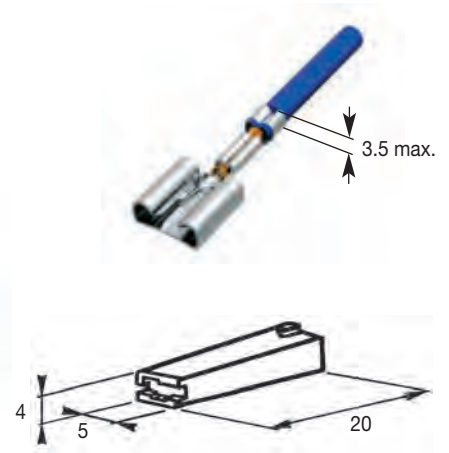


Front entry latched housings for 2.8 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN: 00407, 00437, 00441, 00406.

Item code	Part No.	Colour
7199600	CSC2802N	Grey
	CSC2802N2	Yellow
7199603	CSC2802N3	Red
	CSC2802N4	Green
7199605	CSC2802N5	Black

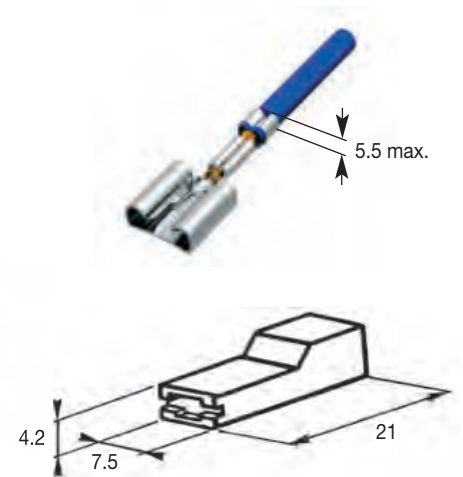


Front entry latched housings for 4.8 mm receptacles

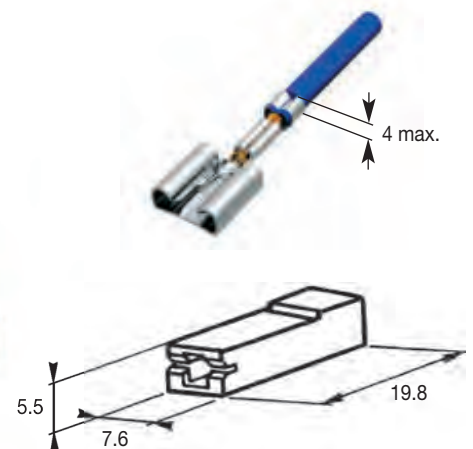
Material: Polyamide 6.6

For MECATRACTION receptacles with PN: 00405, 00415, 00435, 00436.

Item code	Part No.	Colour
7199710	CSC4802N	Grey
	CSC4802N2	Yellow
7199713	CSC4802N3	Red
	CSC4802N4	Green
7199715	CSC4802N5	Black



Item code	Part No.	Colour
7199640	CSC4803N	Grey
	CSC4803N2	Yellow
7199643	CSC4803N3	Red
7199644	CSC4803N4	Green
7199645	CSC4803N5	Black
7199646	CSC4803N6	Blue
7199647	CSC4803N7	Purple



Other colours available upon request.

Unless otherwise stated, all dimensions are in millimeters.



Chain Industrial Electrical Connections

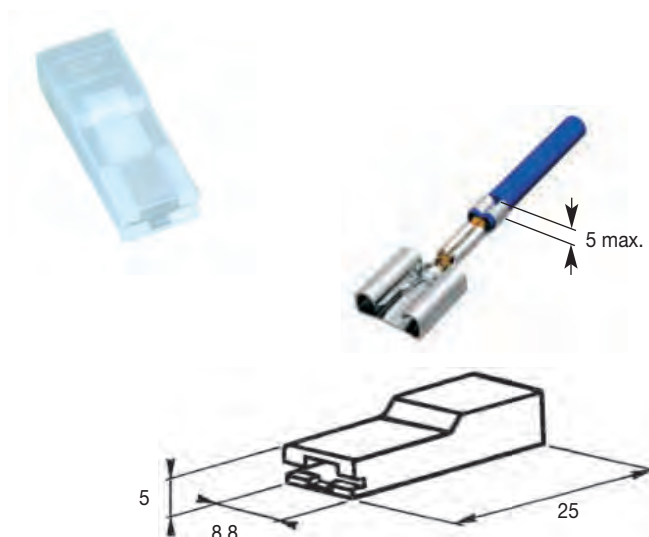
Insulation Sleeves for 6.35 mm Receptacles

Front entry latched housings for 6.35 mm receptacles

Material: Polyamide 6.6

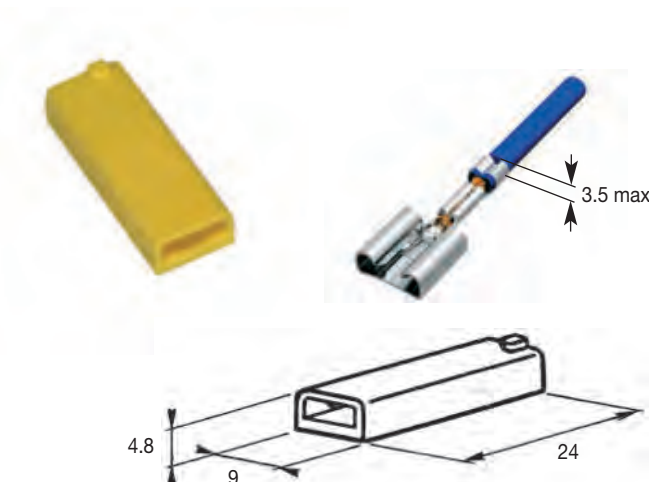
For MECATRACTION receptacles with PN:
00402, 00428, 00412, 02402, 00403, 00429,
00413, 02403, 00404, 00414, 00430, 02404.

Item code	Part No.	Colour
7199700	CSC6304N	Grey
7199702	CSC6304N2	Yellow
7199703	CSC6304N3	Red
7199704	CSC6304N4	Green
7199705	CSC6304N5	Black
7199706	CSC6304N6	Blue
7199707	CSC6304N7	Purple
7199708	CSC6304N8	Grey
7199709	CSC6304N9	White
7199701	CSC6304N10	Brown
7199699	CSC6304N11	Orange



For MECATRACTION receptacles with PN:
00402, 00428, 00412, 02402, 00403, 00429,
00413, 02403, 00404, 00414, 00430, 02404.

Item code	Part No.	Colour
7199720	CSC6314N	Grey
7199722	CSC6314N2	Yellow
7199723	CSC6314N3	Red
7199724	CSC6314N4	Green
7199725	CSC6314N5	Black
7199726	CSC6314N6	Blue
7199727	CSC6314N7	Purple
7199729	CSC6314N9	White
7199932	CSC6314N10	Brown

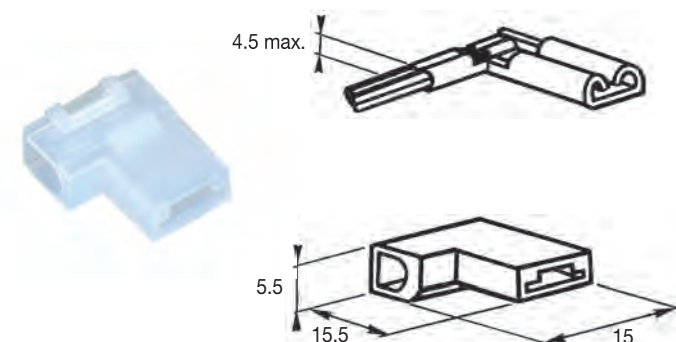


Front entry latched housings for 6.35 flag receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00421-2, 00411.

Item code	Part No.	Colour
7199730	CSC6313N	Grey
7199732	CSC6313N2	Yellow
7199733	CSC6313N3	Red
7199734	CSC6313N4	Green
7199735	CSC6313N5	Black
7199736	CSC6313N6	Blue
7199738	CSC6313N8	Grey
7199739	CSC6313N9	White



Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Insulation Sleeves for 6.35 mm Receptacles

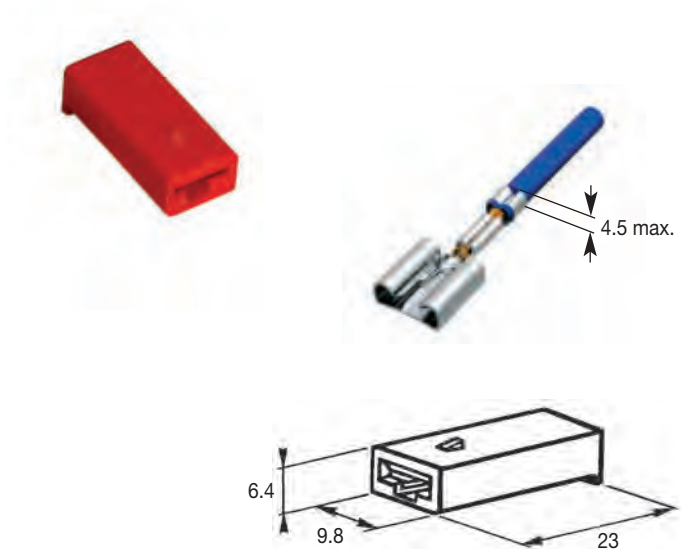


One-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199750	CSC6307N	Grey
	CSC6307N2	Yellow
7199753	CSC6307N3	Red
	CSC6307N4	Green
7199755	CSC6307N5	Black

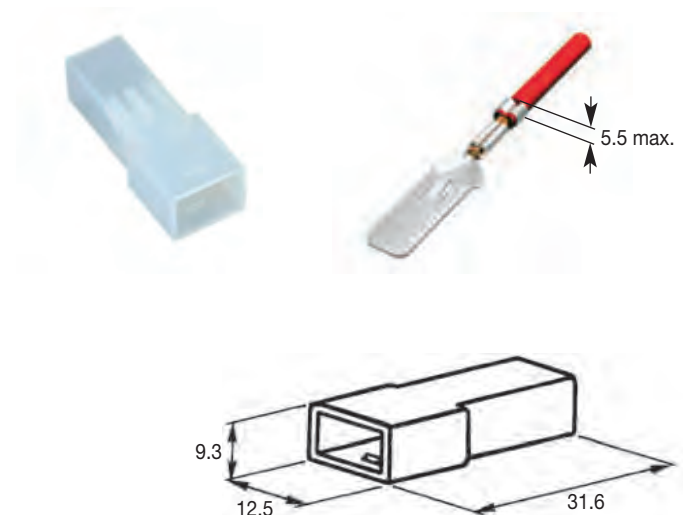


One-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00469,
00452, 00471, 00467, 00468, 00470.

Item code	Part No.	Colour
7199740	CSC6306N	Grey
	CSC6306N2	Yellow
7199743	CSC6306N3	Red
	CSC6306N4	Green
7199745	CSC6306N5	Black



Other colours available upon request.

Unless otherwise stated,
all dimensions are in millimeters.



Chain Industrial Electrical Connections

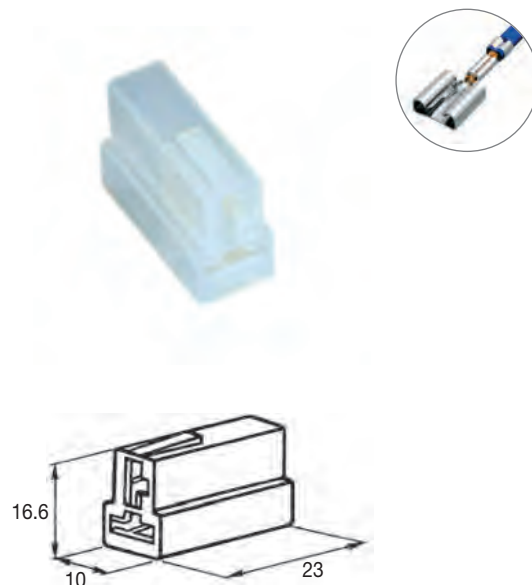
Two-way "T" Housings for 6.35 mm Receptacles and Tabs

Two-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199830	CSC6321N	Grey
	CSC6321N2	Yellow
	CSC6321N3	Red
	CSC6321N4	Green
7199834	CSC6321N5	Black



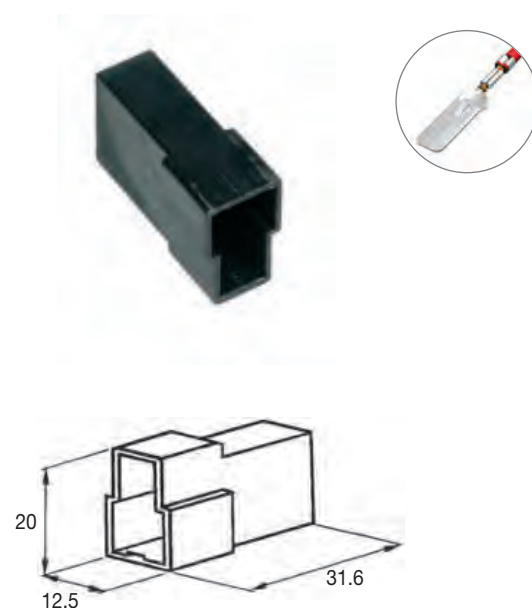
Two-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199820	CSC6320N	Grey
	CSC6320N2	Yellow
	CSC6320N3	Red
	CSC6320N4	Green
7199825	CSC6320N5	Black

Other colours available upon request.



Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Two-way Housings for 6.35 mm Receptacles and Tabs

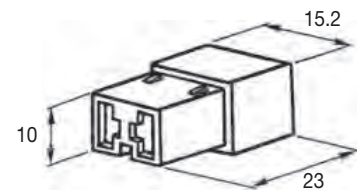


Two-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199790	CSC6311N	Grey
	CSC6311N2	Yellow
	CSC6311N3	Red
	CSC6311N4	Green
7199794	CSC6311N5	Black

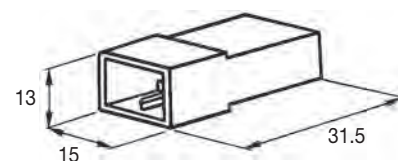


Two-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199770	CSC6308N	Grey
	CSC6308N2	Yellow
	CSC6308N3	Red
	CSC6308N4	Green
7199775	CSC6308N5	Black



Other colours available upon request.

Unless otherwise stated,
all dimensions are in millimeters.



Chain Industrial Electrical Connections

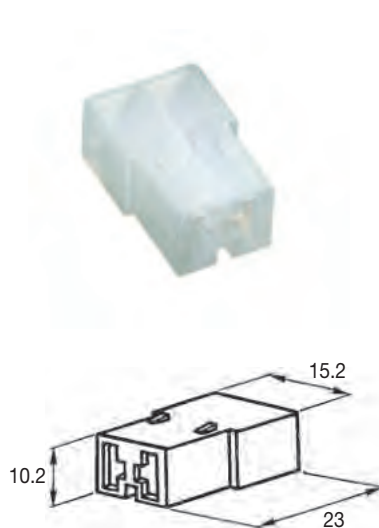
Two-way Housings for 6.35 mm Receptacles and Tabs

Two-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424

Item code	Part No.	Colour
7199760	CSC6309N	Grey
	CSC6309N2	Yellow
	CSC6309N3	Red
7199764	CSC6309N4	Green
7199765	CSC6309N5	Black

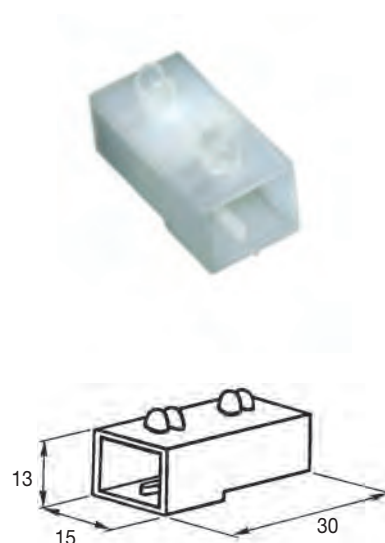


Two-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199810	CSC6315N	Grey
	CSC6315N2	Yellow
	CSC6315N3	Red
	CSC6315N4	Green
7199815	CSC6315N5	Black



Other colours available upon request.

Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Two-way Housings for 6.35 mm Receptacles and Tabs

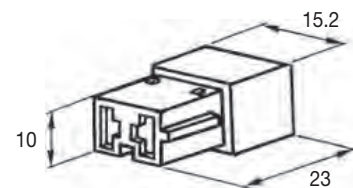


Two-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199800	CSC6312N	Grey
	CSC6312N2	Yellow
	CSC6312N3	Red
	CSC6312N4	Green
	CSC6312N5	Black



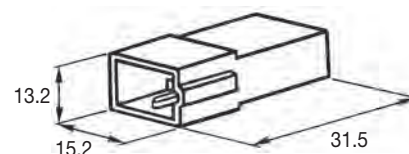
Two-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199780	CSC6310N	Grey
	CSC6310N2	Yellow
	CSC6310N3	Red
	CSC6310N4	Green
	CSC6310N5	Black

Other colours available upon request.



Unless otherwise stated,
all dimensions are in millimeters.



Chain Industrial Electrical Connections

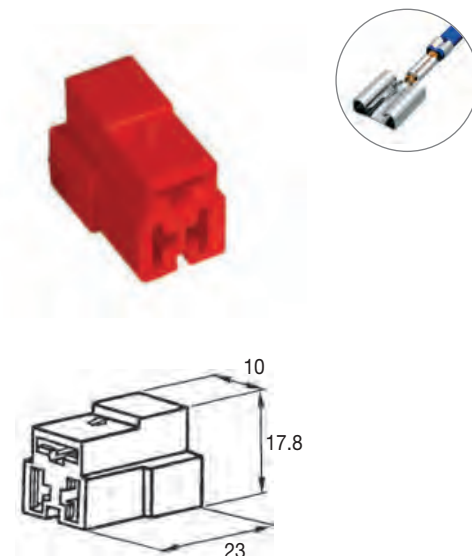
Two-way Housings for 6.35 mm Receptacles and Tabs

Three-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199850	CSC6317N	Grey
7199852	CSC6317N2	Yellow
7199853	CSC6317N3	Red
7199854	CSC6317N4	Green
	CSC6317N5	Black



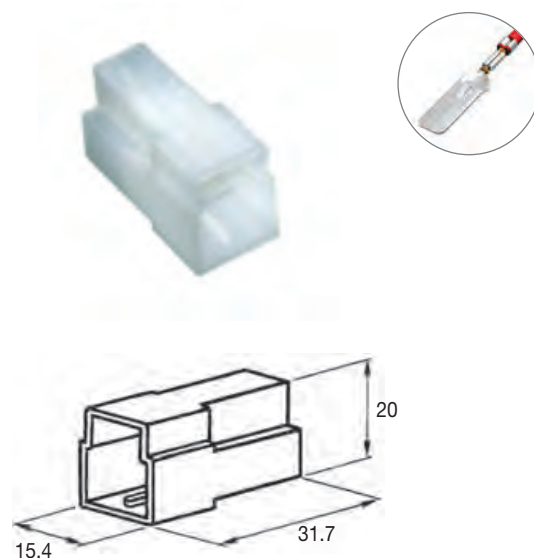
Three-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199840	CSC6316N	Grey
7199841	CSC6316N2	Yellow
	CSC6316N3	Red
	CSC6316N4	Green
	CSC6316N5	Black

Other colours available upon request.



Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Four-way Housings for 6.35 mm Receptacles and Tabs



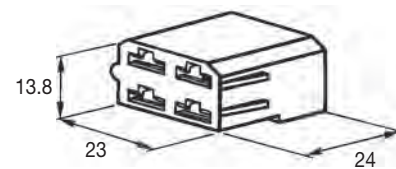
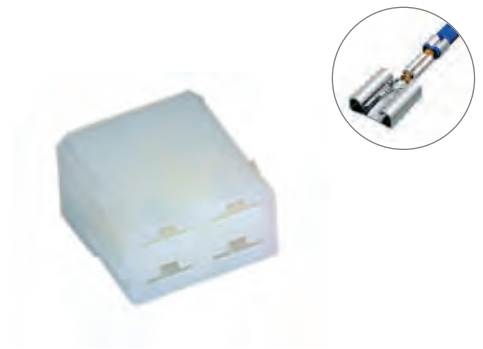
Four-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:

*00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.*

Item code	Part No.	Colour
7199870	CSC6319N	Grey
	CSC6319N2	Yellow
	CSC6319N3	Red
	CSC6319N4	Green
	CSC6319N5	Black



Four-way housings for 6.35 mm tabs

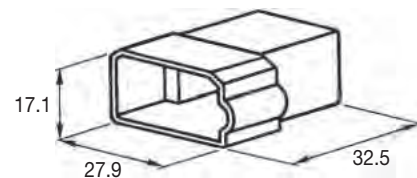
Material: Polyamide 6.6

For MECATRACTION receptacles with PN:

*00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.*

Item code	Part No.	Colour
7199860	CSC6318N	Grey
	CSC6318N3	Red
	CSC6318N4	Green
7199865	CSC6318N5	Black

Other colours available upon request.



Unless otherwise stated,
all dimensions are in millimeters.



Chain Industrial Electrical Connections

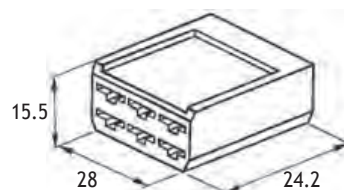
Six-way Housings for 6.35 mm Receptacles and Tabs

Six-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199910	CSC6326N	Grey
	CSC6326N3	Red
	CSC6326N4	Green
	CSC6326N5	Black

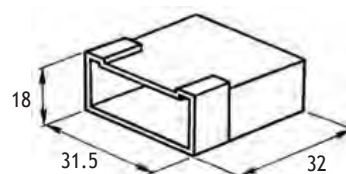


Six-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199900	CSC6325N	Grey
7199883	CSC6325N3	Red
	CSC6325N4	Green
7199905	CSC6325N5	Black



Other colours available upon request.

Unless otherwise stated,
all dimensions are in millimeters.

Chain Industrial Electrical Connections

Eight-way Housings for 6.35 mm Receptacles and Tabs

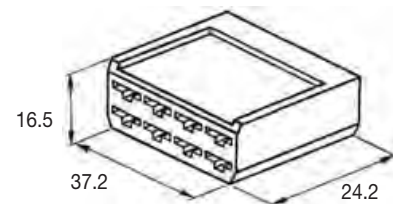


Eight-way housings for 6.35 mm receptacles

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00422, 00425, 02422, 00423, 00426,
02423, 00424, 00427, 02424.

Item code	Part No.	Colour
7199930	CSC6328N	Grey
7199985	CSC6328N3	Red
	CSC6328N5	Black
7199986	CSC6328N4	Green

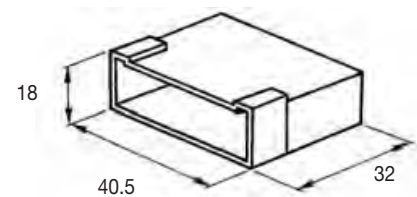


Eight-way housings for 6.35 mm tabs

Material: Polyamide 6.6

For MECATRACTION receptacles with PN:
00453, 00464, 00465, 00466, 00452,
00471, 00467, 00468, 00469, 00470.

Item code	Part No.	Colour
7199920	CSC6327N	Grey
7199922	CSC6327N3	Red
	CSC6327N5	Black



Other colours available upon request.

Unless otherwise stated,
all dimensions are in millimeters.

Connections for Industrial Vehicles



For any information,
please contact us by phone: **+33 (0) 5 55 73 89 85**
or by email: info@mecatraction.com

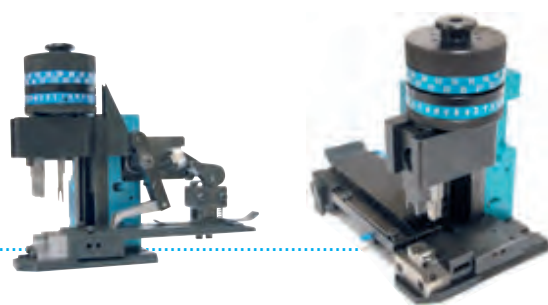


Associated Tooling

162 Crimping press



163 Crimping applicator



166 Hand crimping tool





Associated Tooling

Crimping press

General features

- ✓ Power: 20 KN.
- ✓ Stroke: 40 mm.
- ✓ Shut height of the press: 135.8 mm.
- ✓ Operating voltage: 220 V or three-phase 380 V.
- ✓ Weight: 50 kg

Shipped with splash guard and pedal.

Item
code

7490100

Part
No.

BST21



BST21

BST21 press equipped with an automatic stripping tool (2.5 mm² max.)

Item
code

7490105

Part
No.

BST21D

Unless otherwise stated,
all dimensions are in millimeters.

General features

- ✓ Standard stroke press: 40 mm.
- ✓ Standard shut height: 135.8 mm.
(for any other height, please ask us)
- ✓ Mechanical or pneumatic movement (to be indicated on the purchase order)
- ✓ This tool is the only one which can be transformed from mechanical to pneumatic version or vice-versa, the pneumatic system being embedded in the body of the tool.
- ✓ The transformation system can be delivered as a kit.
- ✓ The mechanical move cam is automatically or manually reversible.
- ✓ On the pneumatic versions, all the adjustments are accessible on the press-mounted tool
- ✓ Multi-adjustments head (normal version).
- ✓ Adjustments:
 - 40 positions on conductor (0.025 mm pitch)
 - 32 positions on insulator (0.031 mm pitch)
- ✓ Embedded digit counter
- ✓ Lateral and adjustable slide, which is isolated from the anvils.

Weight:

- ✓ Mechanical version: 4.5 kg
- ✓ Pneumatic version: 4.0 kg

Dimensions (L x l x h) in cm:

- ✓ Lateral version: 18 x 12.2 x 15
- ✓ Back version: 23 x 11 x 15



Back feeding MT70-...

Part No. MT70...

Part No. MT72...



Side feeding MT72-...

In order to define the complete part number of the tool, please refer to the cross-reference table: Product/Applicator. For any other product not included in this catalogue, please contact us.



Associated Tooling

Cross-reference Table Product/Applicator

Part No.	Applicator Part Number
00210P	MT70 - 12012
00210DP	MT70 - 12012
00211P	MT70 - 12014
00211DP	MT70 - 12014
02211P	MT70 - 12014
02211DP	MT70 - 12014
00207P	MT70 - 12011
00207DP	MT70 - 12011
00208P	MT70 - 12013
00208DP	MT70 - 12013
00308P	MT70 - 13021
00308DP	MT70 - 13021
00309P	MT70 - 13021
00309DP	MT70 - 13021
00312P	MT70 - 13023
00312DP	MT70 - 13023
00332P	MT70 - 13021
00332DP	MT70 - 13021
00333P	MT70 - 13025
00333DP	MT70 - 13025
00334P	MT70 - 13025
00334DP	MT70 - 13025
00317P	MT70 - 13023
00317DP	MT70 - 13023
00324NP	MT70 - 13023
00341DBSP	upon request
00330P	MT70 - 13028
00330DP	MT70 - 13028
00335G	MT70 - 13011
00407-3P	MT70 - 14003
00407-3DP	MT70 - 14003
00407-4P	MT70 - 14003
00407-4DP	MT70 - 14003
00407-5P	MT70 - 14003
00407-5DP	MT70 - 14003
00407-8P	MT70 - 14003
00407-8DP	MT70 - 14003
00437-3P	MT70 - 14023
00437-3DP	MT70 - 14023
00438-3P	MT70 - 14023
00438-3DP	MT70 - 14023
00437-5P	MT70 - 14023
00437-5DP	MT70 - 14023
00438-5P	MT70 - 14023
00438-5DP	MT70 - 14023
00437-8P	MT70 - 14023
00437-8DP	MT70 - 14023
00438-8P	MT70 - 14023
00438-8DP	MT70 - 14023
00406-5P	MT70 - 14002
00406-5DP	MT70 - 14002
00406-8P	MT70 - 14002
00406-8DP	MT70 - 14002
00433-5P	MT70 - 14004
00433-5DP	MT70 - 14004
00433-8P	MT70 - 14004
00433-8DP	MT70 - 14004
00434-5P	MT70 - 14025
00434-5DP	MT70 - 14025
00434-8P	MT70 - 14025
00434-8DP	MT70 - 14025
00441-5P	MT70 - 14024
00441-5DP	MT70 - 14024
00441-8P	MT70 - 14024

Part No.	Applicator Part Number
00441-8DP	MT70 - 14024
00405-5P	MT70 - 14005
00405-5DP	MT70 - 14005
00415-5NP	MT70 - 14005
00405-8P	MT70 - 14005
00405-8DP	MT70 - 14005
00415-8NP	MT70 - 14005
00435-5P	MT70 - 14026
00435-5DP	MT70 - 14026
00436-5NP	MT70 - 14026
00435-8P	MT70 - 14026
00435-8DP	MT70 - 14026
00436-8NP	MT70 - 14026
00402P	MT70 - 14006
00402DP	MT70 - 14006
00428P	MT70 - 14006
00428DP	MT70 - 14006
00412NP	MT70 - 14006
02402P	MT70 - 14006
02402DP	MT70 - 14006
00403P	MT70 - 14007
00403DP	MT70 - 14007
00429P	MT70 - 14007
00429DP	MT70 - 14007
00429NP	MT70 - 14007
00413NP	MT70 - 14007
02403P	MT70 - 14007
02403DP	MT70 - 14007
00404P	MT70 - 14008
00404DP	MT70 - 14008
00430P	MT70 - 14008
00430DP	MT70 - 14008
00414NP	MT70 - 14008
02404P	MT70 - 14008
02404DP	MT70 - 14008
00422P	MT70 - 14009
00422DP	MT70 - 14009
00425P	MT70 - 14009
00425DP	MT70 - 14009
02422P	MT70 - 14009
02422DP	MT70 - 14009
00423P	MT70 - 14010
00423DP	MT70 - 14010
00426P	MT70 - 14010
00426DP	MT70 - 14010
02423P	MT70 - 14010
02423DP	MT70 - 14010
00424P	MT70 - 14011
00424DP	MT70 - 14011
00427P	MT70 - 14011
00427DP	MT70 - 14011
02424P	MT70 - 14011
02424DP	MT70 - 14011
00432-5P	MT70 - 14011
00432-8P	MT70 - 14012
00421-2P	MT70 - 14012
00421-2DP	MT72 - 14014
00411NP	MT72 - 14014
00456DP	MT70 - 14456
00457P	MT70 - 14016
00457DP	MT70 - 14016
00459NP	MT70 - 14016
00458P	MT70 - 14016
00458DP	MT70 - 14016

Part No.	Applicator Part Number
00460NP	MT70 - 14016
00472P	MT70 - 14018
00472DP	MT70 - 14018
00452P	MT70 - 14021
00452DP	MT70 - 14021
00471P	MT70 - 14021
00471DP	MT70 - 14021
00453P	MT70 - 14022
00453DP	MT70 - 14022
00467P	MT70 - 14031
00467DP	MT70 - 14031
00464P	MT70 - 14022
00464DP	MT70 - 14022
00468P	MT70 - 14031
00468DP	MT70 - 14031
00451P	MT70 - 14020
00451DP	MT70 - 14020
00451NP	MT70 - 14020
00450P	MT70 - 14019
00450DP	MT70 - 14019
00455NP	MT70 - 14019
00465P	MT70 - 14022
00465DP	MT70 - 14022
00469P	MT70 - 14031
00469DP	MT70 - 14031
00466P	MT70 - 14022
00466DP	MT70 - 14022
00470P	MT70 - 14031
00470DP	MT70 - 14031
00701P	MT70 - 17005
00701DP	MT70 - 17005
00801NP	MT70 - 17005
00710P	MT70 - 17005
00710DP	MT70 - 17005
00707NP	MT70 - 17005
00711P	MT70 - 17005
00711DP	MT70 - 17005
00708NP	MT70 - 17005
00712P	MT70 - 17005
00712DP	MT70 - 17005
00709NP	MT70 - 17005
93100DP	upon request
00706P	MT70 - 17009
00706DP	MT70 - 17009
00730P	MT70 - 17009
00730DP	MT70 - 17009
00740P	MT70 - 17009
00740DP	MT70 - 17009
00762NP	MT70 - 17009
00741P	MT70 - 17009
00741DP	MT70 - 17009
00763NP	MT70 - 17009
00742P	MT70 - 17009
00742DP	MT70 - 17009

Associated Tooling

Cross-reference Table Product/Applicator



Part No.	Applicator Part Number	Part No.	Applicator Part Number	Part No.	Applicator Part Number
00764NP	MT70 - 17009	00863NP	MT70 - 17011	00877NP	MT70 - 17019
00702P	MT70 - 17008	00716P	MT70 - 17011	00840P	MT70 - 17018
00702DP	MT70 - 17008	00716DP	MT70 - 17011	00840DP	MT70 - 17018
00850NP	MT70 - 17008	00768NP	MT70 - 17011	00840NP	MT70 - 17018
00773P	MT70 - 17008	00821P	MT70 - 17011	00841NP	MT70 - 17018
00773DP	MT70 - 17008	00821DP	MT70 - 17015	00846P	MT70 - 17018
00851NP	MT70 - 17008	00867NP	MT70 - 17015	00846DP	MT70 - 17018
00774P	MT70 - 17008	00822P	MT70 - 17015	00847NP	MT70 - 17018
00774DP	MT70 - 17008	00822DP	MT70 - 17015	00798P	MT70 - 17019
00852NP	MT70 - 17008	00823P	MT70 - 17015	00798DP	MT70 - 17019
00775P	MT70 - 17008	00823DP	MT70 - 17015	00885NP	MT70 - 17019
00775DP	MT70 - 17008	00827P	MT70 - 17017	00744P	MT70 - 17019
00853NP	MT70 - 17008	00827DP	MT70 - 17017	00744DP	MT70 - 17019
00831P	MT70 - 17010	00828P	MT70 - 17017	00878NP	MT70 - 17019
00831DP	MT70 - 17010	00828DP	MT70 - 17017	00799P	MT70 - 17019
00854NP	MT70 - 17010	00829P	MT70 - 17017	00799DP	MT70 - 17019
00832P	MT70 - 17010	00829DP	MT70 - 17017	00886NP	MT70 - 17019
00832DP	MT70 - 17010	00723P	MT70 - 17012	00745P	MT70 - 17019
00855NP	MT70 - 17010	00723DP	MT70 - 17012	00745DP	MT70 - 17019
00833P	MT70 - 17010	00769NP	MT70 - 17012	00879NP	MT70 - 17019
00833DP	MT70 - 17010	00783P	MT70 - 17012	00746P	MT70 - 17020
00856NP	MT70 - 17010	00783DP	MT70 - 17012	00746DP	MT70 - 17020
00834P	MT70 - 17010	00784NP	MT70 - 17012	00880NP	MT70 - 17020
00834DP	MT70 - 17010	00724P	MT70 - 17012	00761P	MT70 - 17020
00857NP	MT70 - 17010	00724DP	MT70 - 17012	00761DP	MT70 - 17020
00835P	MT70 - 17010	00770NP	MT70 - 17012	00881NP	MT70 - 17020
00835DP	MT70 - 17010	00725P	MT70 - 17012	00747P	MT70 - 17020
00858NP	MT70 - 17010	00725DP	MT70 - 17012	00747DP	MT70 - 17020
00818P	MT70 - 17014	00771NP	MT70 - 17012	00882NP	MT70 - 17020
00818DP	MT70 - 17014	00726P	MT70 - 17012	00748P	MT70 - 17020
00864NP	MT70 - 17014	00726DP	MT70 - 17012	00748DP	MT70 - 17020
00819P	MT70 - 17014	00772NP	MT70 - 17012	00883NP	MT70 - 17020
00819DP	MT70 - 17014	00749P	MT70 - 17013	00920P	MT70 - 19008
00865NP	MT70 - 17014	00749DP	MT70 - 17013	00920DP	MT70 - 19008
00820P	MT70 - 17014	00760NP	MT70 - 17013	00921P	MT70 - 19009
00820DP	MT70 - 17014	00750P	MT70 - 17013	00921DP	MT70 - 19009
00866NP	MT70 - 17014	00750DP	MT70 - 17013	00908P	MT70 - 19004
00824P	MT70 - 17016	00756NP	MT70 - 17013	00908DP	MT70 - 19004
00824DP	MT70 - 17016	00751P	MT70 - 17013	00918NP	MT70 - 19004
00825P	MT70 - 17016	00751DP	MT70 - 17013	00916P	MT70 - 19005
00825DP	MT70 - 17016	00757NP	MT70 - 17013	00916DP	MT70 - 19005
00826P	MT70 - 17016	00752P	MT70 - 17013	00919NP	MT70 - 19005
00826DP	MT70 - 17016	00752DP	MT70 - 17013	00904P	MT70 - 19005
00793P	MT70 - 17011	00758NP	MT70 - 17013	00904DP	MT70 - 19005
00793DP	MT70 - 17011	00501P	MT70 - 17006	00903NP	MT70 - 19005
00859NP	MT70 - 17011	00501DP	MT70 - 17006	00900P	MT70 - 19006
00713P	MT70 - 17011	00836P	MT70 - 17018	00900DP	MT70 - 19006
00713DP	MT70 - 17011	00836DP	MT70 - 17018	00901NP	MT70 - 19006
00765NP	MT70 - 17011	00837NP	MT70 - 17018	00933P	MT70 - 19006
00787P	MT70 - 17011	00842P	MT70 - 17018	00933DP	MT70 - 19006
00787DP	MT70 - 17011	00842DP	MT70 - 17018	00934NP	MT70 - 19006
00860NP	MT70 - 17011	00843NP	MT70 - 17018	00936P	MT70 - 19020
00779P	MT70 - 17011	00838P	MT70 - 17018	00936DP	MT70 - 19020
00779DP	MT70 - 17011	00838DP	MT70 - 17018	00937P	MT70 - 19020
00780NP	MT70 - 17011	00839NP	MT70 - 17018	00937DP	MT70 - 19020
00794P	MT70 - 17011	00844P	MT70 - 17018	00940P	MT70 - 19021
00794DP	MT70 - 17011	00844DP	MT70 - 17018	00940DP	MT70 - 19021
00861NP	MT70 - 17011	00845NP	MT70 - 17018	00923P	MT70 - 19011
00714P	MT70 - 17011	00797P	MT70 - 17018	00923DP	MT70 - 19011
00714DP	MT70 - 17011	00797DP	MT70 - 17019	00924P	MT70 - 19011
00766NP	MT70 - 17011	00884NP	MT70 - 17019	00924DP	MT70 - 19011
00795P	MT70 - 17011	00743P	MT70 - 17019	00925P	MT70 - 19011
00795DP	MT70 - 17011	00743DP	MT70 - 17019	00925DP	MT70 - 19011
00862NP	MT70 - 17011	00876NP	MT70 - 17019	00930P	MT70 - 19014
00715P	MT70 - 17011	00848P	MT70 - 17019	00930DP	MT70 - 19014
00715DP	MT70 - 17011	00848DP	MT70 - 17019	00938P	MT70 - 19015
00767NP	MT70 - 17011	00849NP	MT70 - 17019	00938DP	MT70 - 19015
00796P	MT70 - 17011	00739P	MT70 - 17019		
00796DP	MT70 - 17011	00739DP	MT70 - 17019		



Associated Tooling

Hand Crimping Tool with Interchangeable Dies

General features

- ✓ PVC insulated handles
- ✓ Safety rack
- ✓ Length: 250 mm
- ✓ Weight: 0.520 kg

Item
code

7500058

Part
No.

061147V2

This tool can be used with all the following dies.

Item
code

7513045

Part
No.

RP0560

Die to be used to crimp non-insulated 6.35 mm receptacles and 0.5 to 6 mm² terminals with open barrel.

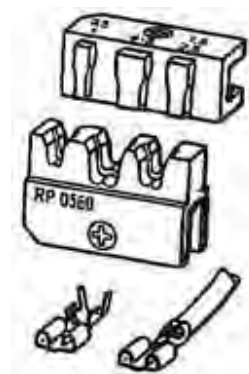
Item
code

7513049

Part
No.

RP1475

Die to be used to crimp non-insulated 2.8 and 4.8 mm receptacles.



Note: We recommend you to check the terminal/die compatibility with our technical department.

Unless otherwise stated,
all dimensions are in millimeters.



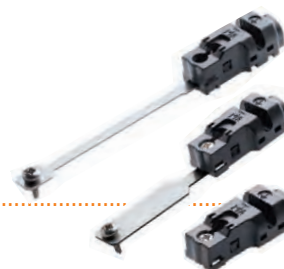
Renewable Energies

Photovoltaic

168 Connectors for wiring photovoltaic panels



170 **SOLFIT⁺**
Connectors for equipotential bonding



172 **SOLFIL[®]**
Connectors for equipotential bonding



175 Range of photovoltaic tooling





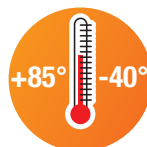
Connectors for Wiring Photovoltaic Panels

General features

- ✓ Contact material: silvered copper
- ✓ Box material: Polycarbonate / Polyamide
- ✓ Contact diameter: 4 mm
- ✓ Acceptable wire sizes: 4 to 6 mm²
- ✓ Cable insulation diameter: 5 to 8 mm
- ✓ Contact type: to be crimped

Connecting device for photovoltaic plug-in system solution with the use of a tool. The products are compliant with TÜV standards.

This connecting system is resistant to UV, Ozone and is IP67 making it compatible with the market standards.



Female connector



Male connector



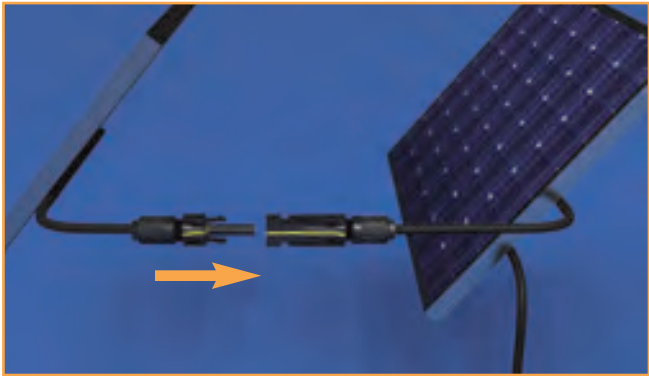
2 males + 1 female coupler



2 females + 1 male coupler



Implementation example:



IP67 quick connection.



Connection with IP67 coupler.

Item code	Part No.	Description	
7901300	CSMF4	Set containing: 1 male contact - 1 male connector - 1 female contact - 1 female connector	100 pieces of each
7901301	CSM4	Male set: 1 contact + 1 connector	100 pieces of each
7901302	CSF4	Female set: 1 contact + 1 connector	100 pieces of each
7901303	CSMMF4	Male-male / female coupler	10 pieces
7901304	CSFFM4	Female-female / male coupler	10 pieces
7500032	CLECS	Tightening and disassembly-chuck key	1 piece

Accessory:



Tightening and disassembly-chuck key





Insulation Displacement **SOLFIT[®]**

Connectors for Equipotential Bonding

SOLFIT[®] Connectors for equipotential bonding

The **SOLFIT[®]** range of connectors offers a convenient solution to most of installation requirements without the need for prior preparation of the green/yellow conductor.

A simple powered screwdriver is the only tool required.

The electric contact with the photovoltaic panels is provided:

- ✓ By tapping thanks to the thread pattern of the fixing screw (stainless steel), which creates the core contact in the aluminium frame ① ,
- ✓ A contact is made with the green/yellow conductor thanks to the 2 stainless steel blades of the body in contact which cut and displace the cable insulation to achieve a reliable bond of the copper threads with the bonding tool ② .

This technology achieves a contact of excellent quality, even the difficulty of an anodized surface on the panel does not present a problem.

This **SOLFIT[®]** technology allows an individual frame to be disconnected without lessening the integrity of the connections to the other frames or the equipotential bond connecting them.

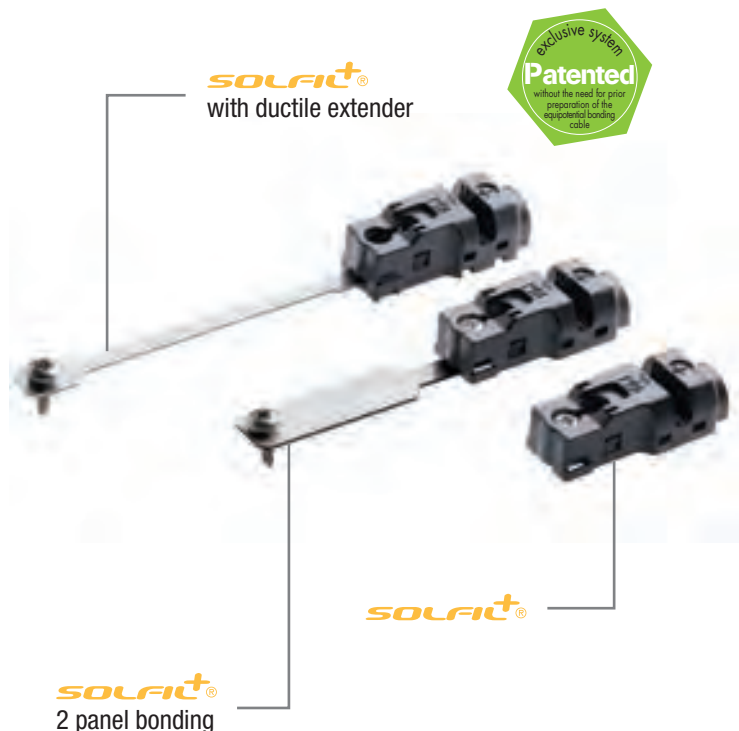


Fixing by screwing tapping in the profile of the panel



Contact of the blades with the green/yellow contact by screwing

Range of connectors **SOLFIT[®]**



General features

- ✓ Thickness of the chassis for fixing/drilling:
- 1.2 to 2 mm in aluminium only.
- ✓ Recommended cable:

6 mm ² *	Type	Colour	Quality	Nbr of strands
	insulated H07	green/yellow	Rigid	7

* according to the requirements of standard UTE C 15-712

Product	Chassis profile	Item code	Part No.	
	Alu without hole (self-drilling screw)	7341960	SFP6PI	100 pieces
	Alu with hole Ø 4.2 (0.16") max. (self-tapping screw)	7341972	SFP6PI48	100 pieces
	Alu without hole (self-drilling screw)	7341966	SFP6PI2V	50 pieces
	Steel with hole Ø 5 (0.20") max. (self-drilling screw)	7341967	SFP6PI55	50 pieces
	Alu without hole (self-drilling screw)	7341971	SFP6PIPR	50 pieces



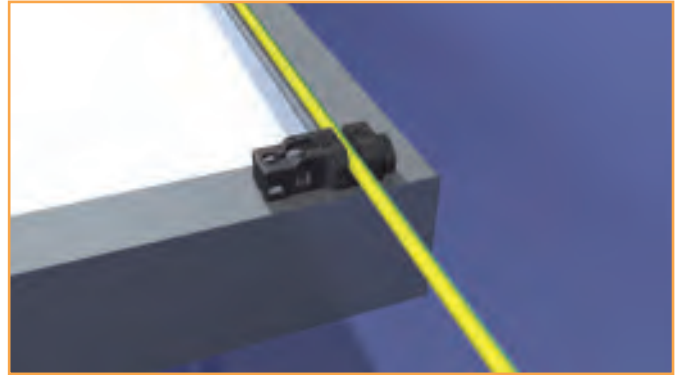
Packing



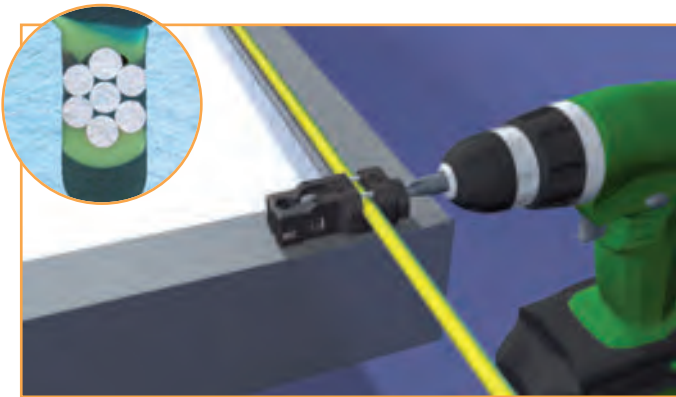
Example of a quick and reliable implementation of SOLFIT®:



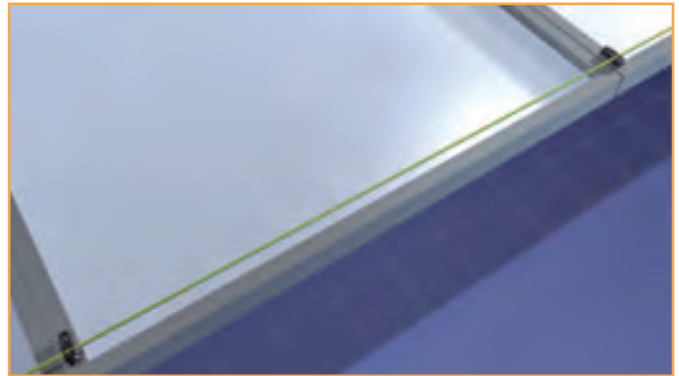
SOLFIT® can be fixed quickly by drilling and tapping the chassis, using a screwdriver equipped with a PZ2 hexagon bit.



The conductor is clipped without any effort or preparation.



The conductor is simultaneously fixed and put in electrical contact thanks to the cutting blades.



This installation method allows a panel to be removed without breaking the equipotential bonding.

SOLFIT® connectors for specific applications



**SFP6PI2V2
panel bonding**

It enables to connect directly 2 panels side by side when it is possible to have an access under the modules as for the installations on the ground.



**SFP6PIPR
with ductile extender**

It allows some flexibility in the positioning even when the access and space requirements could imply a mounting which can be difficult or even impossible. After fixing, the operator can easily adjust the extender to operate the connection.





SOLFIL®

Connectors for Equipotential Bonding

A secure equipotential bonding

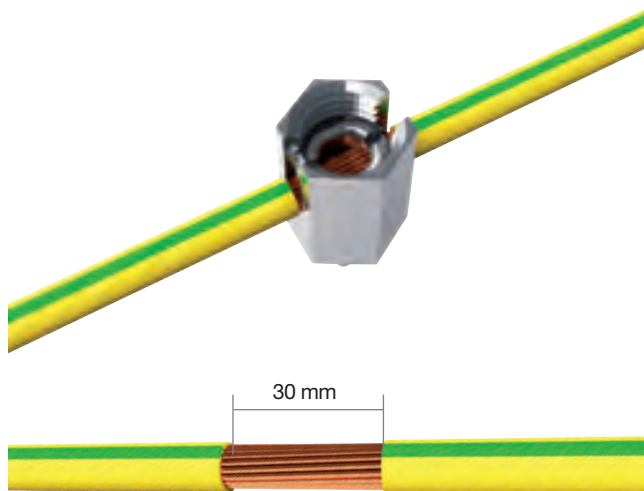
SOLFIL® performs the equipotential bond by creating a high-quality electrical contact between the panel chassis and the earth conductor.

The module frames are made from aluminium which is either anodized or surface treated in some other way. These surface coatings protect the frame against corrosion but are not conductive.

Thanks to the range **SOLFIL**® electrical contact with the aluminium of the panel is provided either by:

- ✓ Drilling/tapping, for models with screws secured by the thread pattern, or
- ✓ Bolting, using a toothed lock washer which abrades the surface coating when tightened.

The connection is secured by tightening the earth connector with a max. cross-section of 25 mm². If using a conductor with insulation, a length of 30 mm must be stripped.



*All **SOLFIL**® models are made from stainless steel, guaranteeing excellent resistance against corrosion whilst ensuring galvanic compatibility with the aluminium.*



SOLFIL® connectors for standard frame modules



SFP4RE6

With bolt for Ø 6 mm (0.26") drilled hole. The toothed lock washer guarantees the electric contact.



SFP4VT10

With self-tapping screw for Ø 4 mm (0.16") drilled hole.



SFP4AF8/SFP6AF8

With self-drilling screw.

Fixing on an existing drilled hole

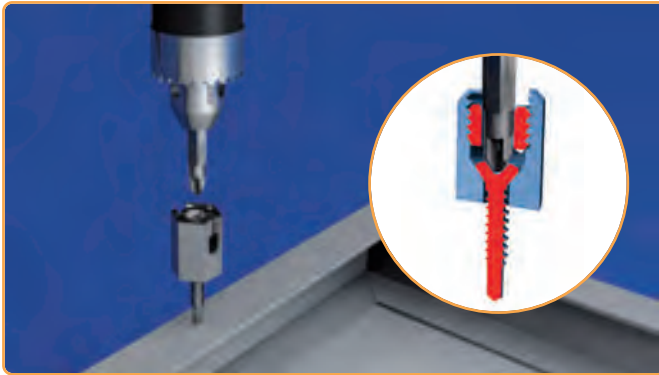
Fixing without an existing drilled hole

SOLFIL[®]

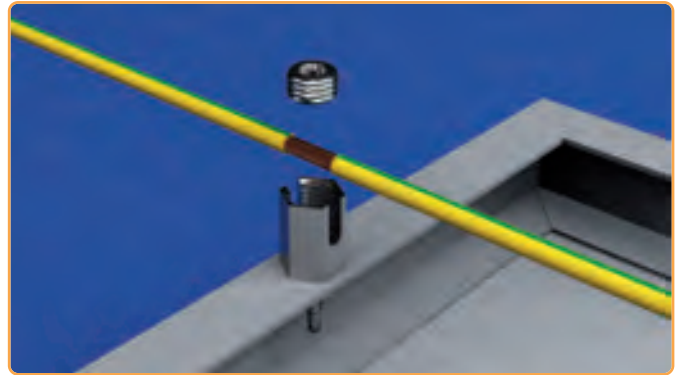
Connectors for Equipotential Bonding



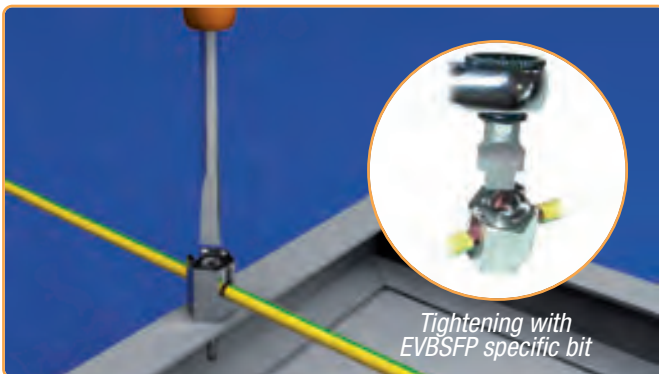
Implementation of the SOLFIL[®] with self-drilling screw example:



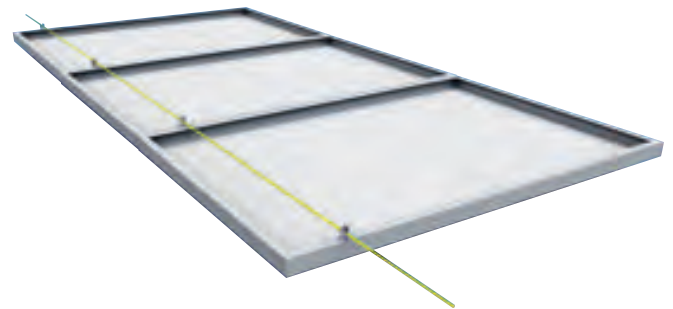
SOLFIL[®] can be fixed quickly by drilling and tapping the chassis, using a screwdriver equipped with a PZ2 cross-threaded bit. Thanks to its specific design, this operation is performed without removing the screw that tightens the cable.



After stripping a length of 30 mm, the earth conductor is installed.



The earth conductor is fixed using the tightening screw with a recess for a flat screwdriver.



This installation method allows a panel to be removed without breaking the earth circuit.

Product	Item code	Part No.		Fixing	Material	Tightening capacity (mm ²)
	7341900	SFP4RE6	100 pieces	Bolt M6	Stainless steel	Multi-strand or solid earth conductor 4 6 10 4+4 6+6
	7341910	SFP4VT10	100 pieces + 1 screwing bit 	Self-tapping screw N°10 (Ø 4.8 mm)		
	7341920	SFP4AF8	100 pieces + 1 screwing bit 	Self-drilling screw N°8 (Ø 4.2 mm)		
	7341921	SFP6AF8				16 16+4 16+6 25

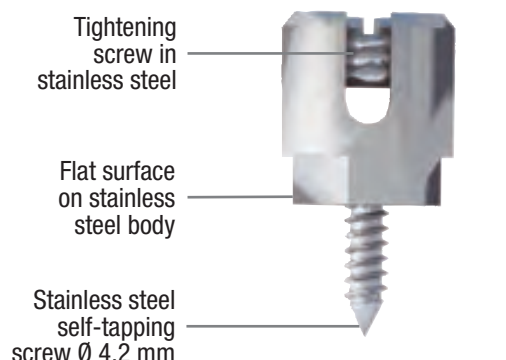
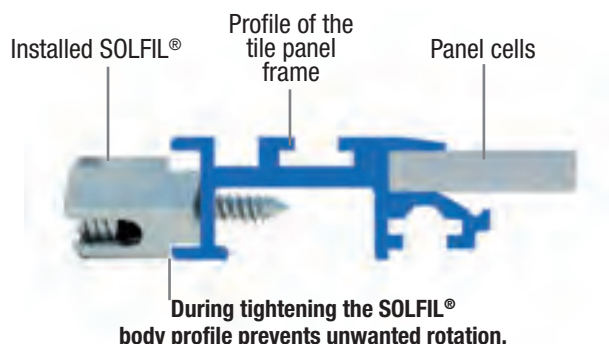
 Packing

**SOLFIL®**

Connectors for "Tile Panel" Modules

Utilisation of the already existing Ø 3.5 mm earthing holes.
Screwdriver no. 2 or electric screwdriver with PZ2 bit.

Tighten the coupler to a maximum of 3 N/m.
The flat face on the body prevents rotation during application.



Product	Item code	Part No.		Fixing	Material	Tightening capacity (mm ²)
	7341913	SFP41916	100 pieces + 1 screwing bit 	Self-tapping screw (Ø 4.2 mm)	Stainless steel	4 6 10 4+4 6+6

Tooling for SOLFIL® connectors

SOLFIL® specific bit	Item code	Part No.	Application
	7500033	EVBSFP	Specific bit adapted to the cable screwing on SOLFIL®

Insulation window stripping tool	Item code	Part No.	Stripping capacity
	7500035	DSOLFISFP	4 to 25 mm ²
	7483679	LAMEDSOLFIL	Set of spare blades (4 short + 1 long)



Packing



Crimping tooling for connectors type CS...



CCRIMP standard model

Item
code

Part
No.

Body in burnished steel. Quick change die system. Security ratchet.
Closing pressure adjustment. Convenient die storage within the handles.
Insulated bi-material handles for greater comfort.

7500040

CCRIMP

Die for connector
Conductor size 2.5 - 4 - 6 mm²

7500037

MCC4



Specific model with product positioner

Item
code

Part
No.

High quality, convenient and robust tool.
High crimping quality thanks to the rectilinear motion.
Positive location of the dies.
3 indents die (2.5-4-6 mm²) with swivel stopper for perfect positioning of the contacts.
Security ratchet.

7500030

PCS256

Die for connector
Conductor size 2.5 - 4 - 6 mm²

7500031

MPCS256



Photovoltaic Tooling Range

Hand stripping tool for photovoltaic conductors

1.5 to 6 mm²

- ✓ Strips standard solar conductors.
- ✓ Stripping length from 8 to 24 mm.
- ✓ Cuts conductors on insulation up to max. 3 mm Ø.
- ✓ Length: 180 mm.
- ✓ Weight: 0.210 kg.

Item
code

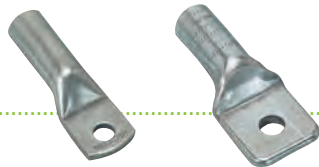
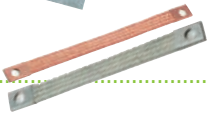
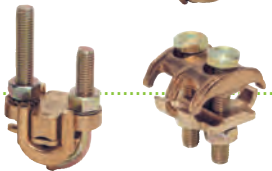
7500038

Part
No.

DSOLAR156



Earthing and Mechanical Connectors

178	Earthing copper tubular lugs	
179	Expanded copper tubular terminals	
182	Bolted splices for copper and aluminium cables	
183	Earthing line supports	
185	Bonding clip for basket cable trays	
186	Washers and plates	
187	Mass braids	
188	“C” type connectors	
189	Mechanical connectors	
193	Cable clamps	
195	Tap-off connectors	



Earthing Copper Tubular Lugs

Tin-plated Forged Copper Lugs



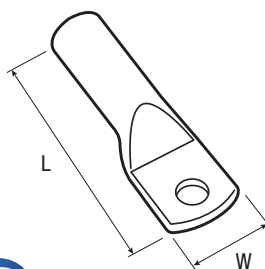
General features

CDCT Series :

- ✓ Copper tubular lugs for ground cables.
- ✓ Electrolytic tin-plating process.

CDCT
Series

Homologation
EDF
SEPTEN

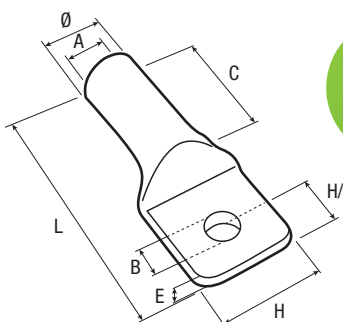


 mm ²	 Item code	 Part No.	 Ø mm	W	L	
75	7341601	CDCT70-8,5	8	23.5	75	
	7341611	CDCT70-10,5	10	23.5	75	..HCT 75
	7341621	CDCT70-12,5	12	23.5	81.4	
95	7341629	CDCT95-10	10	25	80	...HCT 95
	7341628	CDCT95-12	12	25	86	
116	7341631	CDCT116-10,5	10	28.5	85	
	7341641	CDCT116-12,5	12	28.5	91	..HCT 116
	7341651	CDCT116-14,5	14	28.5	93	
	7341661	CDCT116-16,5	16	28.5	95	
147	7341671	CDCT147-10,5	10	31.2	98	
	7341681	CDCT147-12,5	12	31.2	98	
	7341691	CDCT147-14,5	14	31.2	102	..HCT 147
	7341701	CDCT147-16,5	16	31.2	104	
181	7341712	CDCT181-10,5 P27	10	35.2	101	
	7341714	CDCT181-12,5	12	35.2	111	
	7341721	CDCT181-14,5	14	35.2	111	..HCT 181
	7341735	CDCT181-16,5	16	35.2	111	
240	7341775	CDCT240-12	12	39	112	..E 215

General features

HU Series :

- ✓ Tin-plated forged tubular lugs, sealed, hexagonal crimping, for various applications.
- ✓ Manufacture:
 - From 16 to 150 mm²: cold extrusion of the barrel followed by cold impact forging of the palm.
 - 185 mm² and above: friction welding of a cold extruded barrel and a hot stamped palm.



HU
Series

Compliant
NFC
63061
Class A

 mm ²	 Item code	 Part No.		A	B	Ø	C	E	H	L		
												130 KN 200 KN 550 KN
16	7402520	16HU12	**	5.6	12.8	22	40	7	40	90	U13E180(10)	
25	7402521	25HU12	**	6.5	12.8	22	40	7	40	90	U13E180(10)	
35	7402531	35HU12	**	7.5	12.8	22	40	7	40	90	U13E180(10)	
50	7402541	50HU12	**	9.1	12.8	22	40	7	40	90	U13E180(10)	
70	7402551	70HU12	**	11.4	12.8	22	40	7	40	90	U13E180(10)	
95	7402561	95HU12	**	12.8	12.8	22	40	7	40	90	U13E180(10)	
120	7402571	120HU12	**	14.5	12.8	22	40	7	40	90	U13E180(10)	
150	7402581	150HU12	**	15.5	12.8	22	40	7	40	90	U13E180(10)	
185	7402591	185HU12	**	18	12.8	33	40	8	42	106		U21E270(10)
240	7402601	240HU12	**	21	12.8	33	40	8	42	106		U21E270(10)
300	7402611	300HU12	**	23	12.8	33	40	8	42	106		U21E270(10)
400	7402622	400HU*		26	*	33	45	9.5	60	143		U21E270(10)
500	-	500HU*		30	*	40	60	9.5	60	166		U21E330(10) B55E330(10)
630	7402643	630HU16		33	*	53	80	10	80	205		B55E440(15)
800	-	800HU*		37	*	53	80	10	80	205		B55E440(15)
1 000	-	1000HU *		43	*	63	80	10	80	240		B55E520(15)
1 300	-	1300HU *		47	*	63	80	10	80	240		B55E520(15)

* Holes machined to order.

** Please ask for details.



Conductor size
(mm²)



Packing



Stud size



Type of dies



Tooling

Unless stated otherwise,
all dimensions are in millimeters.

Expanded Copper Tubular Terminals

for Crimping on Core and Insulation



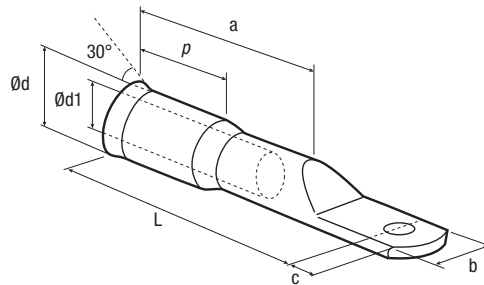
General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Bell entry.
- ✓ "B" Crimping on core.
- ✓ Hexagonal crimping on insulation.

Application:

- ✓ Flexible Cu cables and highly flexible strand.
- ✓ Earthing and short circuiting, equipotentiality.

TRSE
Series



	mm ²	Item code	Part No.	Packing	Stud size	Ø d1	Ø d	p	L	a	b	c	Tooling	
													EC1270 - HC120 - SC120 - EC1270KCM	
16		7341840	TRSE16-8	250	8	7	8.7	28	65	48	16	10	C12TRSE16BS	C12TRSE16FH
		7341841	TRSE16-10	250	10	7	8.7	28	67	48	18	12		
		7341842	TRSE16-12	250	12	7	8.7	28	68	48	19	13		
25		7341843	TRSE25-8	250	8	8.5	11.3	27	70	47	19	10	C12TRSE25BS	C12TRSE25FH
		7341844	TRSE25-10	250	10	8.5	11.3	27	72	47	19	12		
		7341845	TRSE25-12	250	12	8.5	11.3	27	73	47	21	13		
35		7341846	TRSE35-8	100	8	10	11.8	27	73	49	20	10	C12TRSE35BS	C12TRSE35FH
		7341847	TRSE35-10	100	10	10	11.8	27	75	49	20.5	12		
		7341848	TRSE35-12	100	12	10	11.8	27	76	49	23	13		
50		7341849	TRSE50-10	200	10	11	14.3	31	85	56	22	12	C12TRSE50BS	C12TRSE50FH
		7341850	TRSE50-12	200	12	11	14.3	31	86	56	23	13		
70		7341851	TRSE70-10	50	10	13.5	16.5	35	94	63	25	14	C12TRSE70BS	C12TRSE70FH
		7341852	TRSE70-12	50	12	13.5	16.5	35	94	63	25	14		
95		7341853	TRSE95-10	75	10	15.5	19.5	34.5	104.5	67	32	16	C12TRSE95BS	C12TRSE95FH
		7341854	TRSE95-12	75	12	15.5	19.5	34.5	104.5	67	32	16		
120		7341855	TRSE120-10	50	10	17	22.1	33	108	71	34	16	C12TRSE120BS	C12TRSE120FH
		7341856	TRSE120-12	50	12	17	22.1	33	108	71	34	16		
150		7341857	TRSE150-12	50	12	19	23.4		107	72	39	16	C12TRSE150BS	C12TRSE150FH



Nominal section
(mm²)



Packing



Stud size

Unless otherwise stated,
all dimensions are in millimeters.



Expanded Copper Tubular Terminals

for Crimping on Core and Insulation

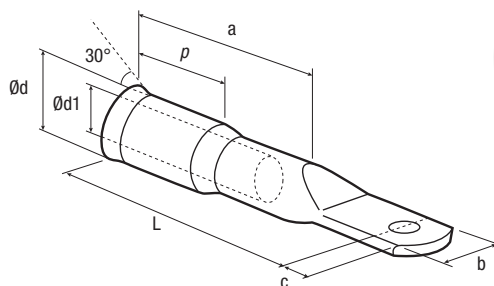
General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Bell entry.
- ✓ "B" Crimping on core.
- ✓ Hexagonal crimping on insulation.

Application:

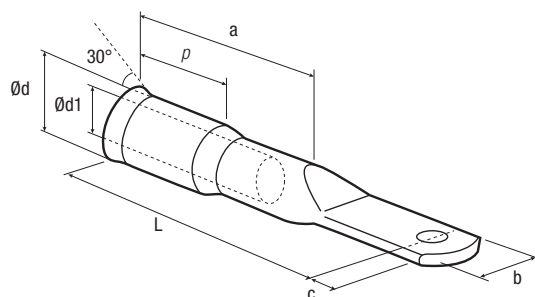
- ✓ Flexible Cu cables and highly flexible strand.
- ✓ Earthing and short circuiting, equipotentiality.

TRSE Series



Tooling	
EC1270 - HC120 - SC120 - EC1270KCM	
Conductor crimping	Insulation crimping
C12TRSE16BS	C12TRSE16FH
C12TRSE25BS	C12TRSE25FH
C12TRSE35BS	C12TRSE35FH
C12TRSE50BS	C12TRSE50FH

mm ²	Item code	Part No.	Packing	Ø mm	Ø d1	Ø d	p	L	a	b	c
16	7341870	TRSEA16-10C	50	10	7	8.7	28	66.25	48	18	12.25
25	7341871	TRSEA25-10C	100	10	8.5	11.3	27	67.75	48	18	12.25
35	7341872	TRSEA35-10C	100	10	10	11.8	27	72.75	49	22	12.25
50	7341873	TRSEA50-10C	100	10	11	14.3	31	81.75	56	22	12.25



Tooling	
EC1270 - HC120 - SC120 - EC1270KCM	
Conductor crimping	Insulation crimping
C12TRSE25BS	C12TRSE25FH
C12TRSE35BS	C12TRSE35FH
C12TRSE50BS	C12TRSE50FH
C12TRSE70BS	C12TRSE70FH
C12TRSE95BS	C12TRSE95FH
C12TRSE120BS	C12TRSE120FH
C12TRSE150BS	C12TRSE150FH

mm ²	Item code	Part No.	Packing	Ø mm	Ø d1	Ø d	p	L	a	b	c
25	7341875	TRSEA25-10L	100	10	8.5	11.3	27	80.75	48	18	12.25
35	7341876	TRSEA35-10L	100	10	10	11.8	27	85.75	49	22	12.25
50	7341877	TRSEA50-10L	50	10	11	14.3	31	95.25	56	22	12.25
70	7341878	TRSEA70-10L	50	10	13.5	16.5	35	101.25	63	25	12.25
95	7341879	TRSEA95-10L	50	10	15.5	19.5	35	105.75	67	32	12.25
120	7341880	TRSEA120-10L	50	10	17	22.1	33.5	112.25	71	34	12.25
150	7341881	TRSEA150-10L	25	10	19	23.4	31	114.25	70.5	37	12.25



Conductor size (mm²)



Packing



Stud size

Unless otherwise stated, all dimensions are in millimeters.

Expanded Copper Tubular Terminals

for Crimping on Core and Insulation



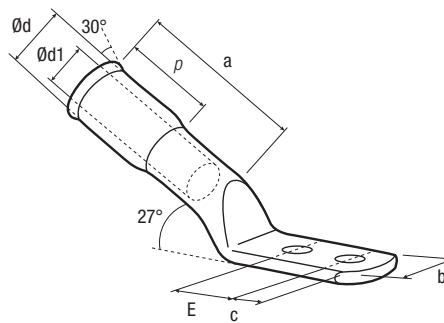
General features

- ✓ Electrolytic copper (EN 13600).
- ✓ Electrolytic tin-plating process.
- ✓ Bell entry.
- ✓ "B" Crimping on core.
- ✓ Hexagonal crimping on insulation.

Application:

- ✓ Flexible Cu cables and highly flexible strand.
- ✓ Earthing and short circuiting, equipotentiality.

TRSE
Series



Tooling

EC1270 - HC120 - SC120 - EC1270KCM

mm ²	Item code	Part No.		Ø mm	Ø d1	Ø d	p	E	a	b	c	Conductor crimping	Insulation crimping
25	7341883	TRSE25-10-25-27I	100	10	8.5	11.3	27	25	48	18	11	C12TRSE25BS	C12TRSE25FH
35	7341884	TRSE35-10-25-27I	100	10	10	11.8	27	25	49	22	11	C12TRSE35BS	C12TRSE35FH
50	7341885	TRSE50-10-25-27I	50	10	11	14.3	31	25	56	22	11	C12TRSE50BS	C12TRSE50FH
70	7341886	TRSE70-10-25-27I	50	10	13.5	16.5	35	25	63	25	11	C12TRSE70BS	C12TRSE70FH
95	7341887	TRSE95-10-25-27I	50	10	15.5	19.5	35	25	67	32	11	C12TRSE95BS	C12TRSE95FH
120	7341888	TRSE120-10-25-27I	50	10	17	22.1	33.5	25	71	34	11	C12TRSE120BS	C12TRSE120FH
150	7341889	TRSE150-10-25-27I	25	10	19	23.4	31	25	70.5	37	11	C12TRSE150BS	C12TRSE150FH



Conductor size
(mm²)



Packing



Stud size

Unless otherwise stated,
all dimensions are in millimeters.



Bolted Splices for Copper and Aluminium Cables

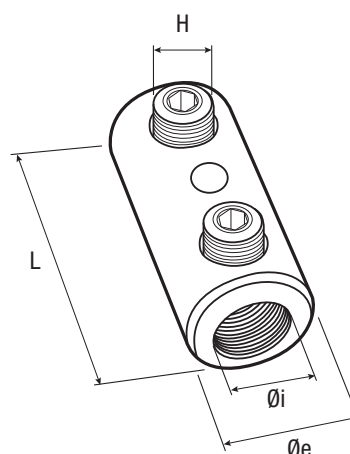
General features

- ✓ Body: tin-plated aluminium alloy.
- ✓ Steel bolts.
- ✓ Inspection hole in the middle of the connector body.
- ✓ 2 hexagon socket threads.

Application

- ✓ L.V. (0.6-1 kV) joints for copper and aluminium cables*.
- ✓ Industrial applications.

* In dry atmosphere



Item code	Part No.	Copper or aluminium conductor section (mm ²)				Ø i	Øe	L	H
		Rm	Sm	Re	Se				
7601500	MT06-25TN	6-25		6-35		7,2	14	40	M8
7601505	MT10-70TN	10-70	35-70	10-70	50-70	12,5	22	57	M12
7601510	MT16-95TN	16-95	35-70	16-50	50-70	14,4	25	55	M12

Rm = Round stranded.

Sm = Sectorial stranded and prerounded.

Re = Round solid.

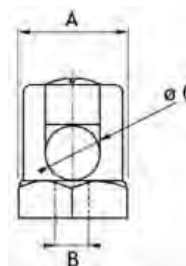
Se = Sectorial solid and prerounded.

Unless stated otherwise,
all dimensions are in millimeters.

General features

SF series:

- ✓ Brass earthing line supports.



SF
Series

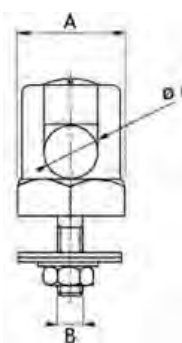


Item code	Part No.		A	B	C	Item code	Part No.		A	B	C
7341001	SF66	50	17	M 6	4 to 6	7341151	SF146	20	26	M 6	8 to 14
7341011	SF67	50	17	7 x 150	4 to 6	7341161	SF147	20	26	7 x 150	8 to 14
7341021	SF68	50	17	M 8	4 to 6	7341171	SF148	20	26	M 8	8 to 14
7341031	SF86	50	19	M 6	4 to 8	7341181	SF1410	20	26	M 10	8 to 14
7341041	SF87	50	19	7 x 150	4 to 8	7341191	SF166	20	30	M 6	10 to 16
7341051	SF88	50	19	M 8	4 to 8	7341201	SF167	20	30	7 x 150	10 to 16
7341061	SF810	50	19	M 10	4 to 8	7341211	SF168	20	30	M 8	10 to 16
7341071	SF106	25	21	M 6	6 to 10	7341221	SF1610	20	30	M 10	10 to 16
7341081	SF107	25	21	7 x 150	6 to 10	7341231	SF186	20	32	M 6	18
7341091	SF108	25	21	M 8	6 to 10	7341235	SF187	20	32	7 x 150	18
7341101	SF1010	25	21	M 10	6 to 10	7341241	SF188	20	32	M 8	18
7341111	SF126	25	24	M 6	6 to 12	7341271	SF206	20	36	M 6	20
7341121	SF127	25	24	7 x 150	6 to 12	7341281	SF207	20	36	7 x 150	20
7341131	SF128	25	24	M 8	6 to 12	7341291	SF208	20	36	M 8	20
7341141	SF1210	25	24	M 10	6 to 12	7341301	SF2010	25	36	M 10	20

General features

SF + BM series:

- ✓ Brass earthing line supports, with brass, stud and nut and 2 Al-Cu washers.



SF+BM
Series

Item code	Part No.		A	B	C	Item code	Part No.		A	B	C
7341008	SF66+BM	25	17	M 6	4 to 6	7341162	SF147+BM	10	26	7 x 150	8 to 14
7341038	SF86+BM	25	17	M 6	4 to 8	7341198	SF166+BM	10	30	M 6	10 to 16
7341078	SF106+BM	25	21	M 6	6 to 10	7341203	SF167+BM	10	30	7 x 150	10 to 16
7341118	SF126+BM	25	24	M 6	6 to 12	7341234	SF186+BM	10	32	M 6	18
7341122	SF127+BM	25	24	7 x 150	6 to 12	7341278	SF206+BM	5	36	M 6	20
7341158	SF146+BM	10	26	M 6	8 to 14	7341282	SF207+BM	5	36	7 x 150	20



Packing

Unless stated otherwise,
all dimensions are in millimeters.



Tin-plated Brass Earthing Line Supports

Screws and Bolts for Earthing Line Supports

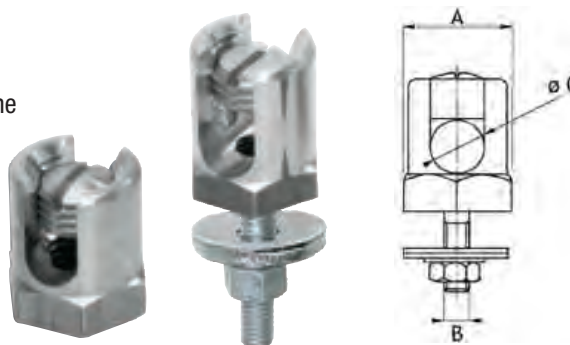
General features

SF CNM series:

- ✓ Tin-plated brass earthing line supports, with one brass stud, 2 Alu-Cu washers, one brass nut and one locknut.

Screws and bolts for earthing line supports:

- ✓ Brass or zinc-plated steel studs and nuts
- ✓ Zinc-plated steel flat washers.



SF CNM Series

Item code	Part No.		A	B	C	Item code	Part No.		A	B	C
7341004	SF66CNM	25	17	M 6	4 to 6	7341126	SF127CNM	25	24	7 x 150	6 to 12
7341014	SF67CNM	25	17	7 x 150	4 to 6	7341134	SF128CNM	25	24	M 8	6 to 12
7341024	SF68CNM	25	17	M 8	4 to 6	7341144	SF1210CNM	25	24	M 10	6 to 12
7341034	SF86CNM	25	19	M 6	4 to 8	7341154	SF146CNM	10	26	M 6	8 to 14
7341044	SF87CNM	25	19	7 x 150	4 to 8	7341163	SF147CNM	10	26	7 x 150	8 to 14
7341054	SF88CNM	25	19	M 8	4 to 8	7341174	SF148CNM	10	26	M 8	8 to 14
7341064	SF810CNM	25	19	M 10	4 to 8	7341184	SF1410CNM	10	26	M 10	8 to 14
7341074	SF106CNM	25	21	M 6	6 to 10	7341194	SF166CNM	10	30	M 6	10 to 16
7341084	SF107CNM	25	21	7 x 150	6 to 10	7341207	SF167CNM	10	30	7 x 150	10 to 16
7341094	SF108CNM	25	21	M 8	6 to 10	7341214	SF168CNM	10	30	M 8	10 to 16
7341104	SF1010CNM	25	21	M 10	6 to 10	7341224	SF1610CNM	10	30	M 10	10 to 16
7341114	SF126CNM	25	24	M 6	6 to 12						

Pipe Grid

Fig. 1

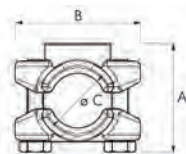


Fig. 2

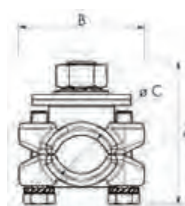
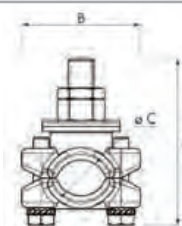
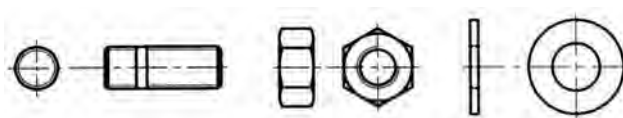


Fig. 3



Item code	Part No.		Figure	A	B	C	Composition
7341401	ST20-10	10	1	40	46	20	
7341403	ST20-10CN	10	2	54	46	20	+ 2 steel flat washers 10x36, stud M10xL36, nut HU10
7341404	ST20-10CNM	10	3	66	46	20	+ 2 bimetal washers B130-10A, stud M10xL38, nut HU10, locknut HM10

Screws and bolts for earthing line supports



Zinc-plated steel				Brass			
	Item code	Part No.		Item code	Part No.		
Studs	7340906	M6L16,5 acier		7340908	M6L21,5 laiton		
	7340913	7x150 acier		7340912	7x150 laiton		
	7340907	M8L17 acier		7340909	M8L22 laiton		
Nuts	7340903	HU6 acier		7340900	HU6 laiton		
	7340905	H7x150 acier		7340902	H7x150 laiton		
	7340904	HU8 acier		7340901	HU8 laiton		
Flat washers	7340910	6x18x1,2 acier					
	7340914	6x24x1,2 acier					
	7340911	8x18x1,5 acier					
	7340915	8x22x1,5 acier					
	7340916	8,25x30x1,5 acier					



Packing

Unless stated otherwise, all dimensions are in millimeters.

Bonding clip for Basket Cable Trays



General features

- ✓ Material: Steel.
- ✓ Plating: Tin.
- ✓ Equipotential bonding for uninsulated earthing conductor from 16 to 35 mm².
- ✓ No tools are required.
- ✓ Fixing time approximately 5 times faster than traditional methods.

F'clip®



Compliant
EN
61439-1

Patented

CE



16-35

Item
code

7341980

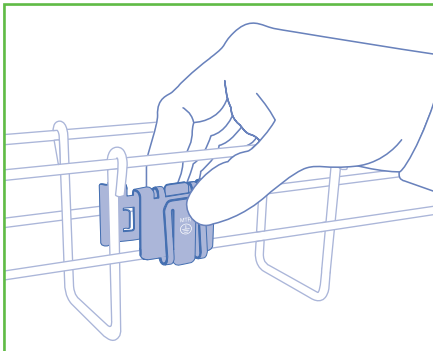
Part
No.

FCLIP16-35

For basket cable trays Ø 3-5 mm

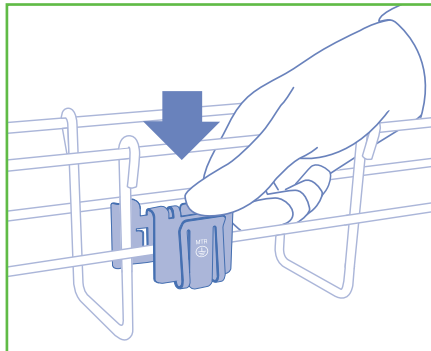
Quick and easy implementation in 3 steps

Fig. 1



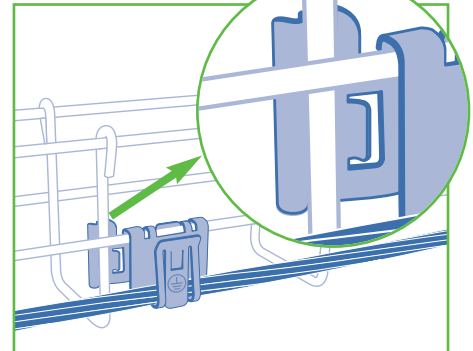
Positioning on a basket type cable tray.

Fig. 2



Press fully into position.

Fig. 3



Insert the uninsulated earthing cable into the clip as shown.



Cable tray grounding

Metal cable trays must be bonded to the earth every 15 to 20 m (50 to 65 feet) according to NFC 15-100 and NEC 392.7.



Conductor size
(mm²)

Unless stated otherwise,
all dimensions are in millimeters.



Washers and Plates

Bimetal (Aluminium-Copper)

General features

BI series:

- ✓ Washers for earthing line supports.

PBST 2 series:

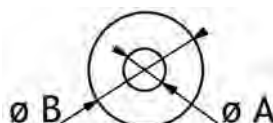
- ✓ Washers for earthing contact shoe.

PBST 1 series:

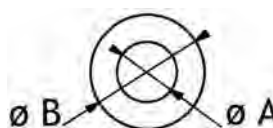
- ✓ Plates for earthing contact shoe.
- ✓ Bimetal material: Aluminium-Copper.



**BI
Series**

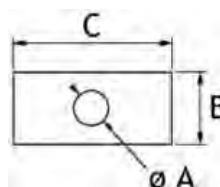


Item code	x100 /Box	Part No.	ØA	ØB	Thickness
7341500		BI12-5	5.3	12	2
7341499		BI12-6	6.5	12	2
7341521		BI24-14	14.4	24	2
7341511		BI24-6	6.5	24	2
7341525		BI25-8	8.5	25	2
7341557		BI30-16	16.5	30	2
7341531		BI30-6	6.5	30	2
7341541		BI30-8	8.5	30	2
7341551		BI30-10	10.5	30	2
7341555		BI30-13	13	30	2
7341556		BI30-14	14.6	30	2



**PBST 2
Series**

Item code	x100 /Box	Part No.	ØA	ØB	Thickness
7341561		PBST2-14	14.5	27	1
7341571		PBST2-16	16.5	30	1



**PBST 1
Series**

Item code	x100 /Box	Part No.	ØA	ØB	C	Thickness
7341581		PBST1-14	14.5	31	51	1
7341591		PBST1-16	16.5	36	55	1

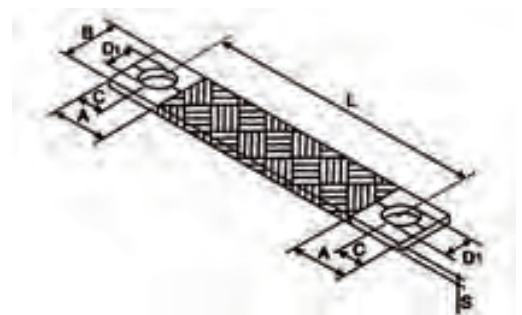


Packing

Unless stated otherwise,
all dimensions are in millimeters.

General features

- ✓ Cu ETP copper thread.
- ✓ Crimped copper flat wire ends.
- ✓ Available in unplated or tin-plated copper.



Unplated copper		Tin-plated copper		 mm ²	Ø Threads	L	A	B	C	S	D1
Item code	Part No.	Item code	Part No.								
7520300	TMP6-6-100	7520340	TMPE6-6-100	6	0.10	100	13	11	5	2.0	7
7520301	TMP6-6-150	7520341	TMPE6-6-150	6	0.10	150	13	11	5	2.0	7
7520302	TMP10-8-150	7520342	TMPE10-8-150	10	0.20	150	23	17	10	2.0	9
7520303	TMP10-8-200	7520343	TMPE10-8-200	10	0.20	200	23	17	10	2.0	9
7520304	TMP10-8-250	7520344	TMPE10-8-250	10	0.20	250	23	17	10	2.0	9
7520305	TMP16-8-150	7520345	TMPE16-8-150	16	0.20	150	23	17	10	2.5	9
7520306	TMP16-8-200	7520346	TMPE16-8-200	16	0.20	200	23	17	10	2.5	9
7520307	TMP16-8-250	7520347	TMPE16-8-250	16	0.20	250	23	17	10	2.5	9
7520308	TMP16-8-300	7520348	TMPE16-8-300	16	0.20	300	23	17	10	2.5	9
7520309	TMP25-8-150	7520349	TMPE25-8-150	25	0.20	150	23	23	10	3.2	9
7520310	TMP25-8-200	7520350	TMPE25-8-200	25	0.20	200	23	23	10	3.2	9
7520311	TMP25-8-250	7520351	TMPE25-8-250	25	0.20	250	23	23	10	3.2	9
7520312	TMP25-8-300	7520352	TMPE25-8-300	25	0.20	300	23	23	10	3.2	9



Conductor size
(mm²)

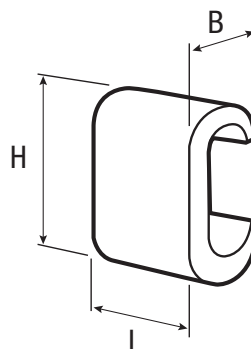
Unless stated otherwise,
all dimensions are in millimeters.



Compression Tap-off Copper Connectors Type C

General features

- ✓ Crimping tap made of pure electrolytic copper with a "C" shape enabling joints and taps of Cu-Cu for overhead and grounding connections without cutting the main cable.



Copper			Tin-plated copper			L	H	B	Capacities						Mounting	
Item code	Part No.		Item code	Part No.					Min.	Max.	Min.	Max.	Min.	Max.		
											1	2	1	2		
7340103	C6	100	7340104	C6E	100	9	10	6.4	3	12	1.5	1.5	6	6	A	..HCU16
7340132	C10	100	7340131	C10E	100	12	12.5	8.5	13	20	10	2x1.5	10	10	A	..HCU25
7340152	C16	100	7340151	C16E	100	17	19	11.5	19	10	9	16	16	A+B		..HCU70
7340185	C25-10	100	7340184	C25-10E	100	17	19.8	13	17	35	16	1.5	25	10	A	..HCU95
7340180	C25PM	50	7340181	C25PME	50	19	21	11.9	35	41	25	10	25	16	A+B	..HCU95
7340172	C25	50	7340171	C25E	50	20	24.3	15	33	56	10	29.3	29.3	A		..HCU150
7340212	C35	50	7340211	C35E	50	20	26.5	15	53	70	27	6	35	16	A+B	..HCU150
7340232	C50	50	7340231	C50E	50	20	26.5	17.2	66	100	25	35	50	16	A+B	..HCU150
7340245	C70-35	25	7340244	C70-35E	25	28	33	21	54	110	50	4	70	40	A	..HCU240
7340255	C70	25	7340254	C70E	25	28	34	21	85	140	50	35	70	70	A	..HCU240
7340262	C75	25	7340261	C75E	25	30	41	26	105	170	30	95	75	A+B		..CC95
7340285	C95-35	25	7340284	C95-35E	25	30	41	26	99	140	75	75	95	95	A	..CC95
7340282	C95	25	7340281	C95E	25	30	41	26	150	190	75	75	95	95	A	..CC95
7340332	C120	25	7340331	C120E	25	30	45	28	156	240	35	120	120	A		..CC150
7340352	C150	10	7340351	C150E	10	30	45	28	225	300	150	75	150	150	A+B	..CC150
7340374	C185-95	10	7340372	C185-95E	10	30	45	28	260	300	185	75	185	150	A+B	..CC150
7340370	C185	10	7340371	C185E	10	35	54	33	210	370	95	185	185	A+B		..CC185
7340376	C240	10	7340375	C240E	10	40	54	33.5	387	480	150	60	185	150	A+B	..CC185
7340392	C240-120	10	7340393	C240-120E	10	23	68	34	245	360	240	147	240	240	A	..—
											150	95	240	120	A	..—

Fig. A

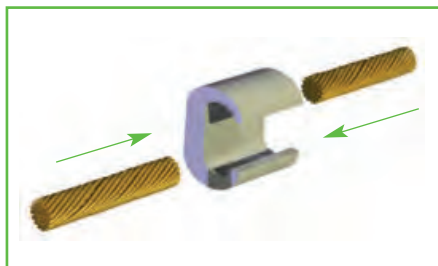


Fig. A

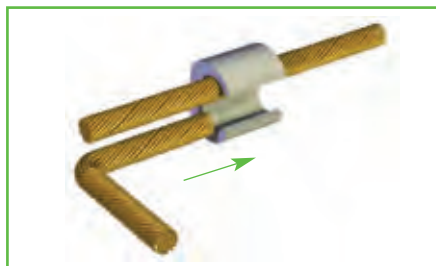
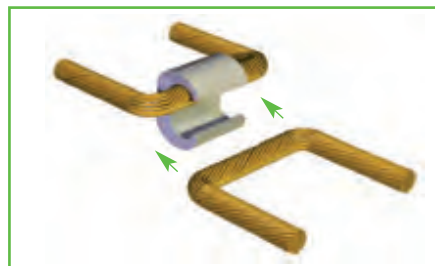


Fig. B



Packing



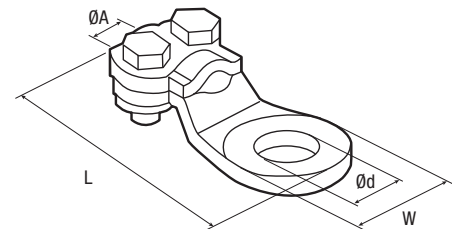
Type of dies

Unless stated otherwise, all dimensions are in millimeters.

General features

- ✓ Body : nickel-plated brass.
- ✓ Screw : nickel-plated steel.

**1VR
Series**



Ring tongue lugs

mm²	Item code	Part No.		Ød	W	ØA	L
16	7601300	1VR16	100	8.5	16	5.2	35.5
25	7601301	1VR25	100	8.5	17.5	6.5	40
35	7601302	1VR35	50	10.5	21	7.5	47



Nominal size
(mm²)



Packing

Unless stated otherwise,
all dimensions are in millimeters.

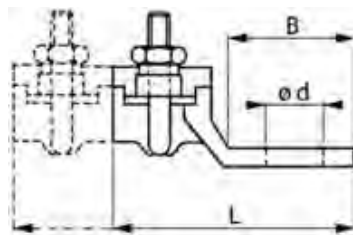


Mechanical Connectors

General features

- ✓ Mechanical brass connectors are normally fitted with 60 Kg zinc-plated U bolts.

For bronze U bolts please suffix the PN with the letter « B ».



Ring tongue lugs



**1BR
Series**



**2BR
Series**

 mm ²	Item code	Part No.		Number of U bolts	ØB	L	Ød (special)
6 - 50	7600401	1BR921	50	1	21	43	9 (11)
6 - 50	7600402	1BR921B	50	1	21	43	9 (11)
6 - 70	7600411	1BR1125	25	1	25	55	11 (9-13-15)
6 - 70	7600412	1BR1125B	25	1	25	55	11 (9-13-15)
16 - 120	7600421	1BR1430	10	1	30	64	13 (15)
16 - 120	7600422	1BR1430B	10	1	30	64	13 (15)
25 - 150	7600431	1BR1632	10	1	32	70	13 (15)
25 - 150	7600432	1BR1632B	10	1	32	70	13 (15)
25 - 185	7600441	1BR1836	10	1	36	75	13 (15)
25 - 185	7600442	1BR1836B	10	1	36	75	13 (15)
70 - 300	7600451	1BR2240	10	1	40	85	19 (15-17)
70 - 300	7600452	1BR2240B	10	1	40	85	19 (15-17)
6 - 50	7600461	2BR921	25	2	21	64	9 (11-13)
6 - 50	7600462	2BR921B	25	2	21	64	9 (11-13)
25 - 150	7600481	2BR1632	10	2	32	100	13 (15)
25 - 150	7600482	2BR1632B	10	2	32	100	13 (15)
70 - 300	7600491	2BR2240	10	2	40	114	19 (15-17)
70 - 300	7600492	2BR2240B	10	2	40	114	19 (15-17)

Square tongue lugs



**1BC
Series**



**2BC
Series**

 mm ²	Item code	Part No.		Number of U bolts	ØB	L	Ød (special)
6 - 70	7600501	1BC253	25	1	30	60	11 (9-13)
6 - 70	7600503	1BC253B	25	1	30	60	11 (9-13)
25 - 150	7600511	1BC313	25	1	30	68	11 (9-13)
25 - 150	7600512	1BC313B	25	1	30	68	11 (9-13)
25 - 150	7600521	1BC312	25	1	40	78	13 (15)
25 - 150	7600522	1BC312B	25	1	40	78	13 (15)
25 - 185	7600531	1BC420	25	1	50	93	*
25 - 185	7600532	1BC420B	25	1	50	93	*
25 - 150	7600541	2BC312	10	2	40	108	*
25 - 150	7600542	2BC312B	10	2	40	108	*
50 - 300	7600551	2BC2300	10	2	50	125	*
50 - 300	7600552	2BC2300B	10	2	50	125	*

* Non-drilled palm as standard.



Conductor size
(mm²)



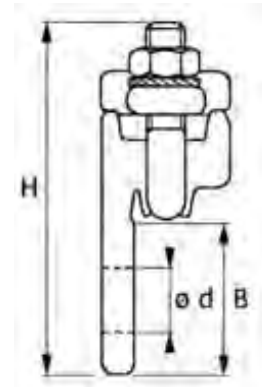
Packing

Unless stated otherwise,
all dimensions are in millimeters.

General features

- ✓ Mechanical brass connectors are normally fitted with 60 Kg zinc-plated U bolts.

For bronze U bolts please suffix the PN with the letter « B ».



90 degree ring tongue lugs

mm ²	Item code	Part No.		Number of U bolts	ØB	H	Ød (special)
6 - 50	7600681	1BER921	50	1	21	53	9 (11-13)
6 - 50	7600682	1BER921B	50	1	21	53	9 (11-13)
16 - 120	7600701	1BER1430	25	1	30	75	13 (15)
16 - 120	7600702	1BER1430B	25	1	30	75	13 (15)
25 - 150	7600711	1BER1632	25	1	32	80	13 (15)
25 - 150	7600712	1BER1632B	25	1	32	80	13 (15)



1BER
Series

90 degree square tongue lugs

mm ²	Item code	Part No.		Number of U bolts	ØB	H	Ød (special)
150 - 300	7600631	2BEC507	10	2	50	120	*
150 - 300	7600632	2BEC507B	10	2	50	120	*

* Non-drilled palm as standard.



2BEC
Series

Perpendicular ring tongue lugs

mm ²	Item code	Part No.		Number of U bolts	ØB	H
25 - 70	7600721	CTT10	25	1	26	11
25 - 70	7600722	CTT10B	25	1	26	11



CTT
Series

Branch tongue lugs

mm ²	Item code	Part No.		Number of U bolts	ØB	H
6 - 75	7600731	CTR10	25	1	26	11 (9)*
6 - 75	7600732	CTR10B	25	1	26	11 (9)*
35 - 150	7600741	CTR16	25	1	26	13
35 - 150	7600742	CTR16B	25	1	26	13

* Other holes on request.



CTR
Series



Nominal size
(mm²)



Packing

Unless stated otherwise,
all dimensions are in millimeters.

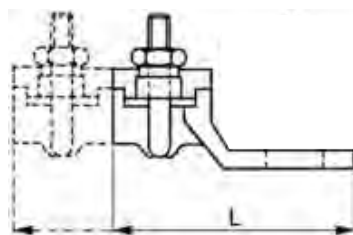


Mechanical Connectors

General features

- ✓ Mechanical brass connectors are normally fitted with 60 Kg zinc-plated U bolts.

For bronze U bolts please suffix the PN with the letter « B ».



Straight mechanical connectors with one tap

 mm ²	Item code	Part No.		L
6 - 50	7600761	RDB201	25	43
6 - 50	7600762	RDB201B	25	43
6 - 70	7600771	RDB211	10	48
6 - 70	7600772	RDB211B	10	48
25 - 150	7600781	RDB301	5	63
25 - 150	7600782	RDB301B	5	63



**RDB
Series**

Straight mechanical connectors with one or two taps

 mm ²	Item code	Part No.		L
6 - 50	7600801	R1D201	25	43
6 - 50	7600802	R1D201B	25	43
6 - 50	7600901	R2D201	15	43
6 - 50	7600902	R2D201B	15	43



**R1D
Series**



**R2D
Series**

Mechanical tap connectors

 mm ²	Item code	Part No.		L
6 - 50	7600831	DB202	25	21
6 - 50	7600832	DB202B	25	21



**DB
Series**

“T” connectors

 mm ²	Item code	Part No.		L
6 - 50	7600861	BT9	10	47
6 - 50	7600862	BT9B	10	47
6 - 70	7600871	BT11	10	57
6 - 70	7600872	BT11B	10	57
25 - 150	7600881	BT16	10	78
25 - 150	7600882	BT16B	10	78



**BT
Series**



Nominal size
(mm²)



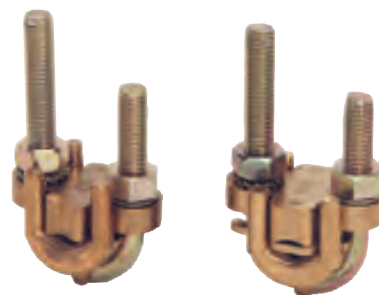
Packing

Unless stated otherwise,
all dimensions are in millimeters.

General features

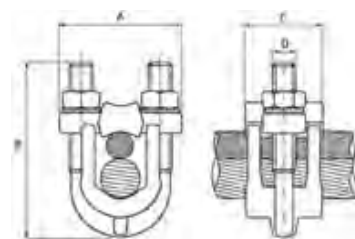
✓ On request, cable clamps type SE can be fitted with bronze screws.

In this case, please suffix the PN with the letter « B ».



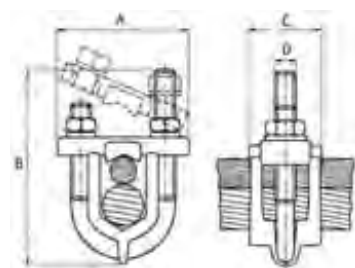
Cable clamps type SE-P (steel screws)

Item code	Part No.		Capacities		A	B	C	D
			Min. mm ²	Max. mm ²				
7603101	SE2-25P	25	2 x 4	2 x 25	35	32	19	5
7603111	SE2-50P	10	2 x 10	2 x 50	32	36	23	6
7603121	SE2-75P	25	2 x 16	2 x 75	32	46	23	6
7603131	SE2-120P	10	2 x 35	2 x 120	43	55	30	8
7603141	SE2-240P	15	2 x 70	2 x 240	56	80	36	10



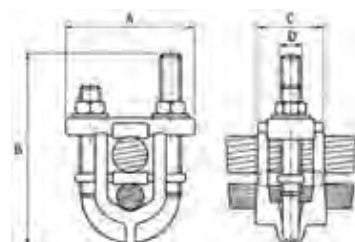
Cable clamps type SE (captive screws and bolts)

Item code	Part No.		Capacities		A	B	C	D
			Min. mm ²	Max. mm ²				
7603201	SE2-25	25	2 x 4	2 x 25	26	45	18	5
7603211	SE2-50	10	2 x 10	2 x 50	29	57	20	6
7603221	SE2-75	25	2 x 16	2 x 75	35.5	60	23	6
7603231	SE2-120	10	2 x 35	2 x 120	43	75	28	8
7603241	SE2-240	25	2 x 70	2 x 240	59	85	35	10



Cable clamps type SE-S (for separated conductors - captive screws and bolts)

Item code	Part No.		Capacities (mm ²)			A	B	C	D
			Equal sections P	Equal sections D					
7603261	SE2-50S	10	50	50	2 x (6-50)	29	57	20	6
7603281	SE2-120S	10	120	75	2 x (10-95)	43	75	28	8



Option F : Nut fusible to the torque in nominal position.

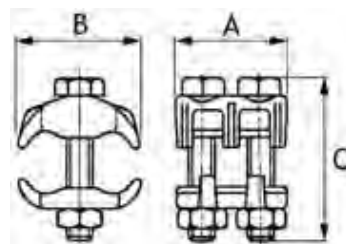


Clamp Connectors Swivelling Connecting Clamps

General features

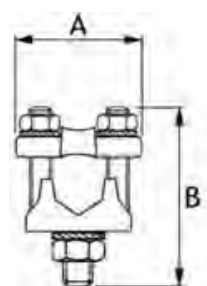
✓ On request, clamp connectors can be fitted with bronze screws.

In this case, please suffix the PN with the letter « B ». (eg. RG1-25B).



Clamp connectors

 mm ²	 Item code	 Part No.		Bolts	A	B	C
4 - 30	7601001	RG1-25	50	1 x M 6	18	22	24
4 - 30	7601002	RG1-25B	50	1 x M 6	18	22	24
4 - 16	7601011	RG2-16	50	2 x M 5	21	19	29
4 - 16	7601012	RG2-16B	50	2 x M 5	21	19	29
4 - 35	7601021	RG2-35	25	2 x M 5	24	24	29
4 - 35	7601022	RG2-35B	25	2 x M 5	24	24	29
4 - 50	7601031	RG2-50	25	2 x M 6	28	29	34
4 - 50	7601032	RG2-50B	25	2 x M 6	28	29	34
16 - 95	7601041	RG2-95	10	2 x M 8	36	39	46
16 - 95	7601042	RG2-95B	10	2 x M 8	36	39	46
30 - 150	7601051	RG2-150	10	2 x M 8	37	48	51
30 - 150	7601052	RG2-150B	10	2 x M 8	37	48	51



Swivelling connecting clamps

 mm ²	 Item code	 Part No.		intensity (A)	Bolts	B	C
10 - 95	7603301	P095	6	160	2 x M 6	33	50
16 - 150	7603311	P0150	6	250	2 x M 8	45	64
35 - 240	7603321	P0240	3	400	2 x M 10	50	78



Conductor size
(mm²)



Packing

Unless stated otherwise,
all dimensions are in millimeters.

General features

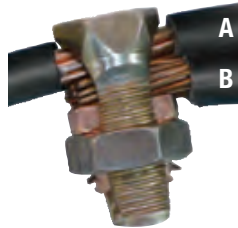
Description

- ✓ Tap-off connectors with split-bolt. High electrical and mechanical characteristics with screw stamped that allows its application of high torque.
- ✓ High strength Cu alloy.
- ✓ Special Cu alloy corrosion and crack resistant.

Application

- ✓ Joints and taps of Cu/Cu cables.

**KS
Series**



Item code	Part No.	Main cable A		Tap cable B		Torque moment (Nm)
		mm ²	Ø mm	mm ²	Ø mm	
7601100	KS90	4 - 6	2.3 - 3.0	1.5 - 6	1.5 - 3.0	10
7601101	KS15	6 - 10	3.0 - 4.0	2.5 - 10	1.8 - 3.8	10
7601102	KS17	10 - 10	3.8 - 4.7	2.5 - 10	1.8 - 4.7	20
7601103	KS20	10 - 16	3.8 - 5.2	2.5 - 16	1.8 - 5.2	20
7601104	KS22	16 - 25	5.1 - 6.3	2.5 - 25	1.8 - 6.3	30
7601105	KS23	16 - 35	5.1 - 8.6	2.5 - 35	1.8 - 8.6	30
7601106	KS25	25 - 50	6.2 - 9.3	2.5 - 50	1.8 - 9.3	45
7601107	KS26	35 - 70	7.4 - 10.6	2.5 - 70	1.8 - 10.6	45
7601108	KS27	50 - 95	8.3 - 12.5	10 - 95	3.7 - 12.5	60
7601109	KS29	50 - 120	8.8 - 15.2	10 - 120	3.7 - 15.2	75
7601110	KS31	70 - 185	9.5 - 18.0	70 - 185	9.3 - 18.0	75
7601111	KS34	70 - 240	10.3 - 20.6	70 - 240	10.5 - 20.6	95
7601112	KS39	120 - 300	13.3 - 25.3	120 - 300	13.3 - 25.3	115
7601113	KS44	185 - 500	16.0 - 29.2	120 - 500	16.0 - 29.2	125

Unless stated otherwise,
all dimensions are in millimeters.



Tap-off Connectors

for Copper Aluminium Conductors

General features

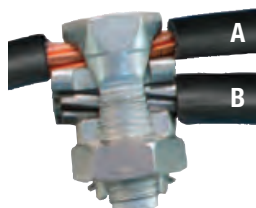
Description

- ✓ Tap-off connectors with split-bolt. High electrical and mechanical characteristics with screw stamped that allows its application of high torque.
- ✓ High strength Cu alloy.
- ✓ Special Cu alloy corrosion and crack resistant.
- ✓ Tin Plated.

Application

- ✓ Joints and taps of Cu/Cu, Cu/Al and Al/Al.

KSU
Series

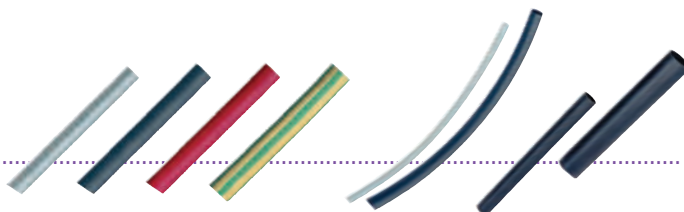


Item code	Part No.	Main cable A		Tap cable B		Torque moment (Nm)
		mm ²	Ø mm	mm ²	Ø mm	
7601120	KSU17	4 - 10	2.3 - 4.0	4 - 10	2.3 - 4.0	20
7601121	KSU20	6 - 16	2.3 - 5.2	6 - 16	2.3 - 5.2	20
7601122	KSU22	6 - 25	2.3 - 6.3	6 - 25	2.3 - 6.3	30
7601123	KSU23	10 - 35	3.7 - 8.0	10 - 35	3.7 - 8.0	30
7601124	KSU25	35 - 50	7.4 - 9.4	6 - 50	6.0 - 9.4	45
7601125	KSU26	35 - 70	7.4 - 11.1	10 - 70	3.7 - 11.1	45
7601129	KSU27	50 - 95	8.8 - 12.5	10 - 95	3.7 - 12.5	60
7601126	KSU29	50 - 120	8.8 - 15.2	10 - 120	3.7 - 15.2	75
7601127	KSU31	50 - 185	9.0 - 18.0	25 - 185	6.3 - 18.0	75
7601128	KSU34	185 - 240	17.5 - 20.6	35 - 240	7.4 - 20.6	95

Unless stated otherwise,
all dimensions are in millimeters.

Insulation products

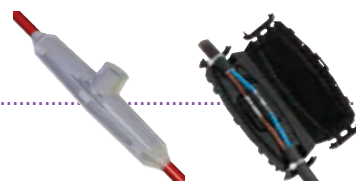
198 Heat-Shrink tubing



214 Application tooling



215 Low tension straight and branch joints



217 Sealed junction boxes



218 Silicone gel



221 Electrical adhesive tape





Heat-shrink Tubing

General features

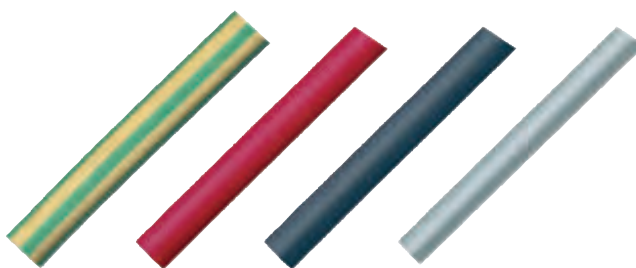
Services

- ✓ Cutting, heat-shrink sleeves, etc.

Other products

- ✓ MECATRACTION offers a wide range of products including a range of products which are not presented in this catalogue.

Please contact us with any special requirements or for application tooling.



Description	Operating Température (°C)	Shrink ratio	Shrink Température (°C)	Range of applications	Part No.	Page
Flexible						
Flexible Flame retardant	-55 to +125	2/1	110	General use, protection, identification, insulation and also flame retardant.	CPX55	200
Flexible Flame retardant	-55 to +135	2/1	90	High performance for general use (available in non flame retardant: clear)	CPX100	202
Flexible flame retardant, yellow, green		3/1		Identification of earthing connections	CPX201	204
Flexible, flame retar- dant		3/1		General use, the high shrink ratio decreases the quantity of size required	CPX300	206
Semi flexible						
Flexible, dual wall (adhesive lined), flame retardant	-55 to +110	3/1 - 4/1	95	Water protection of a wide range of components	CPA100	208
Rigid						
Medium dual wall (adhesive lined), high shrink ratio	-55 to +110	3/1	120	Protection and insulation of low tension cables and connections	CFM	210
As CFM but with increased wall thickness				As CFM but with improved insulation and mechanical resistance	CFE	212

Unless otherwise stated, all dimensions are in millimeters.

Heat-shrink Tubing in BILBOX dispensers



General features

- ✓ The mini-reel BILBOX offers a range of heat-shrink tubing with inside diameters before shrinking of 4.8 to 25.4 mm (3/16" to 1").
- ✓ Continuous operating temperature: - 55°C to + 135°C.
- ✓ Shrink ratio: 2/1 (except CPX201: 3/1).
- ✓ Minimum shrink temperature: 90°C.
- ✓ Flexible.
- ✓ Flame retardant.
- ✓ Resistance to common solvents and fluids.
- ✓ 4 colours: black, red, blue, yellow/green.
- ✓ Brown and grey colours upon request.

Convenient
&
Economic



Item code	Part No.	Ø before shrinking		Ø after shrinking (mm)	Colours	Length in meters
		(mm)	(inch)			
7469200	B8CPX100-1-5BK	4.8	3/16"	2.4	●	8
7469201	B6CPX100-1-6BK	6.4	1/4"	3.2	●	6
7469202	B5CPX100-1-7BK	9.5	3/8"	4.8	●	5
7469203	B5CPX100-1-8BK	12.7	1/2"	6.4	●	5
7469204	B4CPX100-1-10BK	19.1	3/4"	9.5	●	4
7469205	B3CPX100-1-11BK	25.4	1"	12.7	●	3
7469207	B8CPX100-1-5RD	4.8	3/16"	2.4	●	8
7469208	B6CPX100-1-6RD	6.4	1/4"	3.2	●	6
7469209	B5CPX100-1-7RD	9.5	3/8"	4.8	●	5
7469210	B5CPX100-1-8RD	12.7	1/2"	6.4	●	5
7469211	B4CPX100-1-10RD	19.1	3/4"	9.5	●	4
7469212	B3CPX100-1-11RD	25.4	1"	12.7	●	3
7469214	B8CPX100-1-5BE	4.8	3/16"	2.4	●	8
7469215	B6CPX100-1-6BE	6.4	1/4"	3.2	●	6
7469216	B5CPX100-1-7BE	9.5	3/8"	4.8	●	5
7469217	B5CPX100-1-8BE	12.7	1/2"	6.4	●	5
7469218	B4CPX100-1-10BE	19.1	3/4"	9.5	●	4
7469219	B3CPX100-1-11BE	25.4	1"	12.7	●	3
7469221	B6CPX201-2	4.8	3/16"	1.5	●	6
7469222	B4,5CPX201-3	6.4	1/4"	2.0	●	4.5
7469223	B4CPX201-4	9.5	3/8"	3.0	●	4
7469224	B3,5CPX201-5	12.7	1/2"	4.0	●	3.5
7469225	B3CPX201-6	19.1	3/4"	6.0	●	3
7469226	B2CPX201-7	25.4	1"	8.0	●	2

For technical features, see pages:

- ✓ 202 for tubing ref: CPX100
- ✓ 204 for tubing ref: CPX201

Unless otherwise stated,
all dimensions are in millimeters.



Heat-shrink Polyolefin Tubing

for General Use

General features

Description:

- ✓ CPX55 series products are low cost tubing of quality offering good physical, chemical and dielectric properties.

They suit a wide range of applications.

This range includes flame retardant products.

They all have better performance characteristics than PVC.

- ✓ Continuous operating temperature: -55°C to +125°C.
- ✓ Standard shrink ratio: 2/1.
- ✓ 6 standard colours.
- ✓ Flame retardant.

Standards and specifications:

- ✓ UL – CSA.



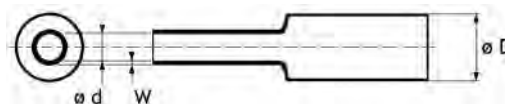
**CPX55
Series**

**Compliant
UL-CSA**



Shrink temperature

At 110°C, CPX55 will shrink to 50% of its initial diameter.



Size	Expanded min. inside Ø (D)		Recovered	
	(mm)	(inch)	Max. inside Ø (d)	Nominal wall thickness (W)
	(mm)	(inch)	(mm)	(mm)
2	1.6	1/16"	0.8	0.40
3	2.4	3/32"	1.2	0.50
4	3.2	1/8"	1.6	0.50
5	4.8	3/16"	2.4	0.50
6	6.4	1/4"	3.2	0.60
7	9.5	3/8"	4.8	0.60
8	12.7	1/2"	6.4	0.60
9	16.0	5/8"	8.0	0.60
10	19	3/4"	9.5	0.80
11	25.4	1"	12.7	0.90
12	38.1	1 1/2"	19	1.00
13	50.8	2"	25.4	1.10

For ordering, please refer to information given on following page.

Unless otherwise stated,
all dimensions are in millimeters.

Heat-shrink Polyolefin Tubing for General Use



Technical data



**CPX55
Series**

Compliant
UL-CSA

Properties	Standards	CPX 55 Typical performance
Tensile strength	IEC 60684-2	15 Mpa
Elongation	IEC 60684-2	450%
Continuous operating temperature	-	-55 °C to +125°C
Minimum shrink temperature	-	110°C
Longitudinal change	ASTM D2671	±10%
Specific gravity	ASTM D792, A-1	1.00 g/cm ³
Secant modulus	ASTM D882	175 MPa max.
Dielectric strength	VDE 0303 Part 2	24 kV / mm (according to thickness)
Flammability	UL 224	Flame retardant
Elongation after ageing test	UL 224 (168 h to 158°C)	300%
Resistance after heat shock	IEC 811-1-2 (4 h to 200°C)	13 MPa
Low temperature flexibility	ASTM D2671 (4 h to -55°C)	No cracking
Water absorption	VDE 0472	0.15%
Chemical resistance	-	Good

Ordering information

Size: Refer to the dimensional table and select the size which will shrink to at least the dimension required.
If not fully shrunk the resultant wall thickness may be less than that indicated on the table.

Standard length:

- ✓ Continuous on reel
- ✓ 1.2 m length (suffix the PN with "L")

Standard colours / Suffix to be added to the part number:

- ✓ **BK:** black
- ✓ **RD:** red
- ✓ **WE:** white
- ✓ **BE:** blue
- ✓ **YW:** yellow
- ✓ **GN:** green
- ✓ **CR:** clear

Example of order:

To order a flame retardant tubing ref. 10, blue:

- ✓ For reel, order **CPX55-10BE**
- ✓ For 1.2 m lengths, order: **CPX55-10BEL**



Assortment boxes with heat-shrink tubing

Item
code

7310010

Part
No.

COFOTHERMO

- ✓ Assortment of polyolefin tubing for multiple uses.
- ✓ Shrink ratio : 2/1.
- ✓ Length : 70 et 200 mm.

Quantity	Inside expanded Ø	Length
30	2.4 to 4.8	70
17	6.4	70
9	9.5	70
6	12.7	70
4	19	70
7	2.4 to 19	200

Unless otherwise stated,
all dimensions are in millimeters.



Heat-shrink Polyolefin Tubing

High Quality, Flexible, Multi-use

General features

Description:

CPX100 is a specially formulated polyolefin tubing offering excellent dielectric, chemical and physical properties. Suitable for a variety of uses, this tough versatile tubing can be used for insulation, harnessing, strain relief and identification purposes in industrial and military applications.

- ✓ Continuous operating temperature: - 55°C to + 135°C
- ✓ Shrink ratio: 2.1
- ✓ Flexible.
- ✓ Flame retardant (except clear).
- ✓ Resistant to common fluids and solvents.

Standards and specifications:

- ✓ UL - CSA.
- ✓ MIL.
- ✓ VG.
- ✓ DEF. STAN. 59/57.
- ✓ VDE.



**CPX100
Series**

Compliant
UL-CSA

Compliant
MIL

Compliant
VG

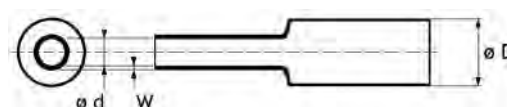
Compliant
**DEF. STAN.
59/57**

Homologation
VDE



Shrink temperature

At 90°C CPX100 will shrink to 50% of its initial diameter.



Size	Expanded min. inside Ø (D)		Recovered	
	(mm)	(inch)	Max. inside Ø (d)	Nominal wall thickness (W)
	(mm)	(inch)	(mm)	(mm)
1*	1.2	3/64"	0.6	0.40
2*	1.6	1/16"	0.8	0.40
3	2.4	3/32"	1.2	0.50
4	3.2	1/8"	1.6	0.50
5	4.8	3/16"	2.4	0.50
6	6.4	1/4"	3.2	0.60
7	9.5	3/8"	4.8	0.60
8	12.7	1/2"	6.4	0.60
9	16.0	5/8"	8.0	0.60
10	19.0	3/4"	9.5	0.80
11	25.4	1"	12.7	0.90
12*	31.8	1 1/4"	15.9	0.90
13*	38.0	1 1/2"	19.0	1.00
14*	51.0	2"	25.4	1.10
15*	76.0	3"	38.0	1.30
16*	101.6	4"	50.8	1.40

* Only available in black.

For ordering, please refer to information given on following page.

Unless otherwise stated,
all dimensions are in millimeters.

Heat-shrink Polyolefin Tubing

High Quality, Flexible, Multi-use



Technical data

• *Note : CPX100 Type 2 is not flame retardant and technical performance may be slightly different from the indicated ones.*



**CPX100
Series**

Properties	Standards	Typical performances
Tensile strength	IEC 60684-2	17.0 MPa
Elongation	IEC 60684-2	500%
Continuous operating temperature	-	-55°C to +135°C
Minimum shrink temperature	-	90°C
Longitudinal change	ASTM D2671	±5%
Specific gravity	ASTM D792, A-1	1.3 g / cm ³
Secant modulus	ASTM D882	175 MPa max.
Dielectric strength	VDE 0303 Part 2	24 kV / mm
Flammability	UL 224	Flame retardant
Elongation after ageing test	ASTM D2671 (168 h to 175°C)	300%
Resistance after heat shock	ASTM D2671 (4 h to 250°C)	No dripping, flowing or cracking
Low temperature flexibility	ASTM D2671 Meth. C	No cracking to -55°C
Water absorption	VDE 0472	0.2% max.
Chemical resistance	-	Good

Part number composition

Type: CPX100 can be supplied in two types:

✓ **Type 1:** flame retardant (all the colours except clear)
(CPX100-1-...). UL/CSA listed.

✓ **Type 2:** non flame retardant (clear)
(CPX100-2-...). Non UL/CSA listed.
(Technical performances may slightly vary.)

CPX100-X-YY ZZ L

→ Packing (option)
→ Colour
→ Size
→ Type
→ Series

Size: Refer to the dimensional table and select the size for which the free shrink is immediately lower than the smallest dimension of the component to be protected.
If not fully shrunk the resultant wall thickness may be less than that indicated on the table.

Standard colours / Suffix to be added to the part number:

- ✓ **BK:** black
- ✓ **RD:** red
- ✓ **WE:** white
- ✓ **BE:** blue
- ✓ **YW:** yellow
- ✓ **GN:** green
- ✓ **BN:** brown
- ✓ **GY:** Grey (upon request).
- ✓ **CR:** Clear (only type 2).

Packing:

- ✓ Continuous on reel.
- ✓ 1.2 m length (suffix the PN with "L").

Example of order:

To order a CPX100 ref. 8, flame retardant, yellow:

- ✓ For reel, order: **CPX100-1-8YW.**
- ✓ For 1.2 m lengths, order: **CPX100-1-8YWL.**



Unless otherwise stated,
all dimensions are in millimeters.



Heat-shrink Polyolefin Tubing

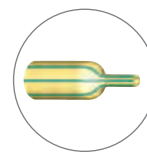
Flexible and Multi-use Yellow/Green

General features

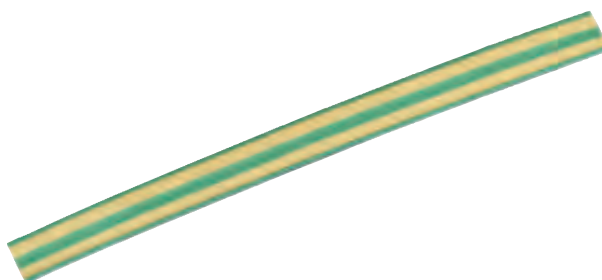
Description:

CPX201 is a specially formulated polyolefin tubing offering excellent dielectrical, chemical and physical properties. The yellow/green striped tubing is recommended where the international electrical earth designation is intended.

- ✓ Continuous operating temperature: - 55°C to + 135°C
- ✓ Shrink ratio: 3/1.
- ✓ Flexible.
- ✓ Flame retardant (colours).
- ✓ Resistant to common fluids and solvents.

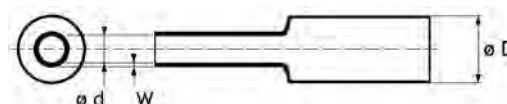


**CPX201
Series**



Shrink temperature

At 90°C CPX201 will shrink to 33% of its initial diameter.



Size	Expanded min. inside Ø (D)		Recovered	
			Max. inside Ø (d)	Nominal wall thickness (W)
	(mm)	(inch)	(mm)	(mm)
1	3.2	1/8"	1.0	0.55
2	4.8	3/16"	1.5	0.60
3	6.4	1/4"	2.0	0.65
4	9.5	3/8"	3.0	0.75
5	12.7	1/2"	4.0	0.75
6	19.0	3/4"	6.0	0.85
7	25.4	1"	8.0	1.00
8	39.0	1 1/2"	13.0	1.15

For ordering, please refer to information given on following page.

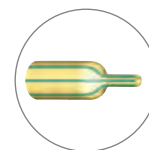
Unless otherwise stated,
all dimensions are in millimeters.

Heat-shrink Polyolefin Tubing

Flexible and Multi-use Yellow/Green



Technical data



**CPX201
Series**

Properties	Standards	Typical performances
Tensile strength	IEC 60684-2	15 MPa
Elongation	IEC 60684-2	450%
Continuous operating temperature	-	-55°C to +135°C
Minimum shrink temperature	-	90°C
Longitudinal change	ASTM D2671	±10%
Specific gravity	ASTM D792, A-1	1.3 g/cm ³
Secant modulus	ASTM D882	175 MPa max.
Dielectric strength	VDE 0303 Part 2	24 kV / mm
Flammability	UL 224	Flame retardant
Elongation after ageing test	ASTM D2671 (168 h to 175°C)	300%
Resistance after heat shock	IEC 811-1-2 (4 h to 200°C)	14 MPa
Low temperature flexibility	ASTM D2671 Meth. C	No cracking to -55°C
Water absorption	VDE 0472	0.2% max.
Chemical resistance	-	Good

Part number composition

Size: Refer to the dimensional table and select the size for which the free shrink is immediately lower than the smallest dimension of the component to be protected.

If not fully shrunk the resultant wall thickness may be less than that indicated on the table.

CPX 201-YY L



Standard colour:

- ✓ Yellow/green striped.

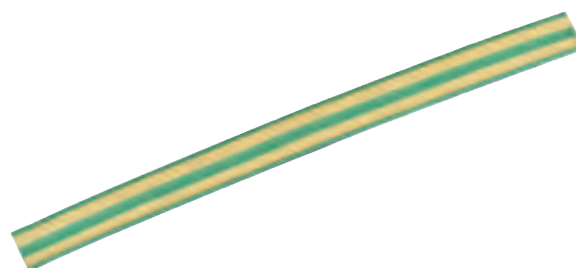
Packing:

- ✓ Continuous on reel.
- ✓ 1.2 m length (suffix the PN with "L").

Example of order:

To order a CPX201 ref. 5, flame retardant, yellow:

- ✓ For reel, order: **CPX201-5**.
- ✓ For 1.2 m lengths, order: **CPX201-5L**.



Unless otherwise stated,
all dimensions are in millimeters.



Heat-shrink Polyolefin Tubing

with 3/1 Shrink Ratio - Thin Wall - General Use

General features

Description:

CPX300 is a flexible, flame retardant tubing with a high shrink ratio and good resistance to common fluids and solvents. This enables the tubing to be used in numerous applications such as covering irregular shapes and components, or in the insulation and identification of cables and wires. High shrink ratio facilitates fewer sizes necessary for a wide range of diameters.

- ✓ Continuous operating temperature: - 55°C to +135°C
- ✓ Shrink ratio: 3/1.
- ✓ Flexible.
- ✓ Flame retardant (colours).

Standards and specifications:

- ✓ UL - CSA.
- ✓ VG.
- ✓ DEF. STAN. 5997.
- ✓ VDE.



**CPX300
Series**

Compliant
UL-CSA

Compliant
VG

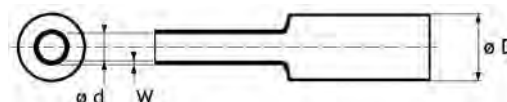
Compliant
**DEF. STAN.
5997**

Homologation
VDE



Shrink temperature

At 90°C CPX300 will shrink to 33% of its initial diameter.



Size	Expanded min. inside Ø (D) (mm)	Recovered	
		Max. inside Ø (d) (mm)	Nominal wall thickness (W) (mm)
2	3.2	1.0	0.55
3	6.4	2.0	0.65
4	9.5	3.0	0.75
5	12.7	4.0	0.75
6	19.0	6.0	0.85
7	25.4	8.0	1.00
8*	39.0	13.0	1.15

* Not available in CPX 300/2 CR.

For ordering, please refer to information given on following page

Unless otherwise stated,
all dimensions are in millimeters.

Heat-shrink Polyolefin Tubing

with 3/1 Shrink Ratio - Thin Wall - General Use



Technical data

• *Note : CPX300 Type 2 is not flame retardant and technical performance may be slightly different from the indicated ones.*



**CPX300
Series**

Properties	Standards	Typical performances
Tensile strength	IEC 60684-2	17.0 MPa - 20.0 MPa for clear
Elongation	IEC 60684-2	500% - 550% for clear
Continuous operating temperature	-	-55°C to +135°C
Minimum shrink temperature	-	90°C
Longitudinal change	ASTM D2671	±10%
Specific gravity	ASTM D792, A-1	1.3 g / cm ³ - 1.0 g / cm ³ for clear
Secant modulus	ASTM D882	175 MPa max.
Dielectric strength	VDE 0303 Part 2	20 kV / mm
Flammability	UL 224	Flame retardant (colours)
Elongation after ageing test	ASTM D2671 (168 h to 175°C)	300 % - 500 % for clear
Resistance after heat shock	IEC 811-1-2 (4 h to 250°C)	19 MPa - 15 Mpa for clear
Low temperature flexibility	ASTM D2671 Meth. C	No cracking to -55°C
Water absorption	VDE 0472	0.2%
Chemical resistance	-	Good

Part number composition

Type: CPX300 can be supplied in two types:

✓ **Type 1:** flame retardant (all the colours except clear)
(CPX300-1-...). UL/CSA listed.

✓ **Type 2:** non flame retardant (clear)
(CPX300-2-...). Non UL/CSA listed.
(Technical performances may slightly vary.)

CPX100-X-YY ZZ L



Size: Refer to the dimensional table and select the size for which the free shrink is immediately lower than the smallest dimension of the component to be protected.
If not fully shrunk the resultant wall thickness may be less than that indicated on the table.

Standard colours / Suffix to be added to the part number:

- ✓ **BK:** black
- ✓ **RD:** red (production only on request).
- ✓ **WE:** white (production only on request).
- ✓ **BE:** blue
- ✓ **YW:** yellow
- ✓ **CR:** Clear (only type 2).

Packing:

- ✓ Continuous on reel.
- ✓ 1.2 m length (suffix the PN with "L").

Example of order:

To order a CPX300 ref. 4, non flame retardant, clear:

- ✓ For reel, order: **CPX300-2-4CR.**
- ✓ For 1.2 m lengths, order: **CPX300-2-4CRL.**



Unless otherwise stated,
all dimensions are in millimeters.



Semi-flexible Duall Wall Heat-shrink Polyolefin Tubing

with Protection against Humidity and with High Shrink Ratio

General features

Description:

CPA100 is a semi-flexible tubing with an adhesive liner which melts and flows when heated. After shrinkage and upon cooling, this provides a moisture proof seal around the product covered.

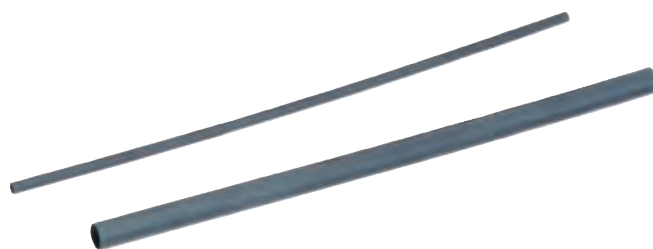
CPA100 suits to a wide range of applications, such as encapsulation of cables, wires, splices, breakouts and components.

The choice of high shrink ratios means flexibility of use such as the covering of irregular shaped objects.

- ✓ Continuous operating temperature: -55°C to +110°C
- ✓ Shrink ratio: 3/1 or 4/1.
- ✓ Semi-flexible.
- ✓ Protection against humidity.
- ✓ Flame retardant jacket

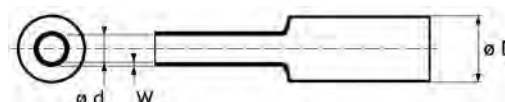


**CPA100
Series**



Shrink temperature

When CPA100 is heated at 95°C min., it will shrink automatically, either to 33% (3/1), or to 25% (4/1) of its initial diameter



Size		Expanded min. inside Ø (D)		Recovered					
				Max. inside Ø (d)		Wall thickness (W)			
		(mm)	(inch)	(d) (mm)		nom. (W) (mm)		Adhesive	
3/1	4/1	3/1	4/1	3/1	4/1	3/1	4/1	3/1	4/1
30	41	3.0	4.0	1.0		1.0		0.40	
31		4.5		1.6		1.10		0.50	
32	42	6.0	8.0	2.0		1.20		0.50	
33	43	9.0	12.0	3.0		1.40		0.50	
34	44	12.0	16.0	4.0		1.70		0.60	
35	45	19.0	24.0	6.0		2.10		0.60	
36	46	24.0	32.0	8.0		2.40		0.70	
37	47	39.0	52.0	13.0		2.40		0.70	

For ordering, please refer to information given on following page

Unless otherwise stated,
all dimensions are in millimeters.

Semi-flexible Duall Wall Heat-shrink Polyolefin Tubing

with Protection against Humidity and with High Shrink Ratio



Technical data



**CPA100
Series**

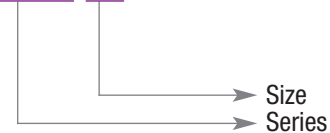
Properties	Standards	Typical performances
Tensile strength	IEC 60684-2	15 MPa
Elongation	IEC 60684-2	400%
Continuous operating temperature	-	-55°C to +110°C
Minimum shrink temperature	-	95°C
Longitudinal change	ASTM D2671	3/1 = -15% max. - 4/1 = -18% max.
Specific gravity	ASTM D792, A-1 - ISO/R1183	1.25 g / cm ³
Dielectric strength	VDE 0303 Part 2	22 kV / mm
Flammability	ASTM 876	Flame retardant (only jacket)
Resistance after heat shock	IEC 811-1-2 (4 h to 200°C)	15 MPa
Low temperature flexibility	ASTM D2671 Meth. C	No cracking to -55°C
Chemical resistance	-	Good

Part number composition

Size: Refer to the dimensional table and select the size for which the free shrink is immediately lower than the smallest dimension of the component to be protected.

If not fully shrunk the resultant wall thickness may be less than that indicated on the table.

CPA100-YY



Standard colour

✓ **BK:** black

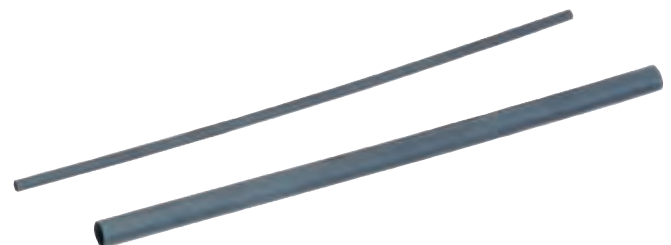
Standard Packing:

✓ 1.2 m length

Example of order:

To order a CPA100 ref. 44:

✓ Order: **CPA100-44**



Unless otherwise stated,
all dimensions are in millimeters.



Medium Wall, Heat-shrink Polyolefin Tubing

Ideal for the Protection of Cable Joints and Terminations of Cables in Low Voltage Power and Telecom Applications

General features

Description:

CFM is an excellent product for sealing and insulating cable splices, connections, terminations and jacket repairs. The tubing is designed to suit a wide range of mechanical and electrical applications. The wide range of dimensions together with a high shrink ratio provides adaptability to most configurations, offering tough and versatile protection.

- ✓ Continuous operating temperature: -55°C to + 110°C
- ✓ Shrink ratio: 3/1.
- ✓ High resistance to abrasion, corrosion and chemicals.
- ✓ On outdoor applications, the tubing exhibits excellent resistance to the elements.
- ✓ Available as adhesive lined.

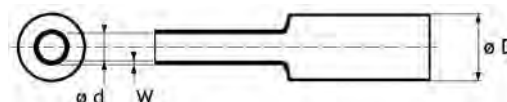


CFM
Series



Shrink temperature

At 120°C CFM will shrink to 33% of its initial diameter.



Part No.	Expanded min. inside Ø (D)	Recovered	
		Max. inside Ø (d)	Nominal wall thickness (W)
	(mm)	(mm)	(mm)
CFM120A	10.2	3.8	2.0
CFM200A	19.1	5.6	2.0
CFM300A	27.9	10.2	2.0
CFM340A	33.0	10.2	2.0
CFM400A	38.1	12.7	2.0
CFM450A	43.2	12.7	2.0
CFM540A	52.1	19.1	2.0
CFM700A	69.9	25.4	2.0

Unless otherwise stated,
all dimensions are in millimeters.

Medium Wall, Heat-shrink Polyolefin Tubing

Ideal for the Protection of Cable Joints and Terminations
of Cables in Low Voltage Power and Telecom Applications



Technical data



**CFM
Series**

Properties	Standards	Typical performances
Tensile strength	ASTM-D412 / ISO 37	14.5 MPa
Elongation	ASTM-D412 / ISO 37	550%
Continuous operating temperature	-	-55°C to +110°C
Minimum shrink temperature	-	120°C
Longitudinal change	ASTM D2671	+1% to -10% max.
Specific gravity	ASTM D792, A-1	1.10 g / cm ³
Dielectric strength	ASTM D149 / IEC 243	20 kV / mm
Elongation after ageing test	ASTM D2671 / ISO 37	500%
Choc thermique	ASTM D2671 (4 h to 225°C)	No dripping, flowing or cracking
Low temperature flexibility	ASTM D2671 Meth. C	No cracking to -55°C
Water absorption	ASTM D 570	0.10 %
Chemical resistance	-	Good to excellent

Properties	Adhesive data
Water absorption	< 0,3%
Softening point	ASTM-E28 (95°C to 105°C)

Unless otherwise stated,
all dimensions are in millimeters.



Heavy Wall, Heat-shrink Polyolefin Tubing

Ideal for the Protection of Cable Joints and Terminations of Cables in Low Voltage Power and Telecom Applications

General features

Description:

CFM is an excellent product for sealing and insulating cable splices, connections, terminations and jacket repairs. The tubing is designed to suit a wide range of mechanical and electrical applications. The wide range of dimensions together with a high shrink ratio provides adaptability to most configurations, offering tough and versatile protection.

- ✓ Continuous operating temperature: -55°C to + 110°C
- ✓ Shrink ratio: 3/1.
- ✓ High resistance to abrasion, corrosion and chemicals.
- ✓ On outdoor applications, the tubing exhibits excellent resistance to the elements.
- ✓ Available as adhesive lined.

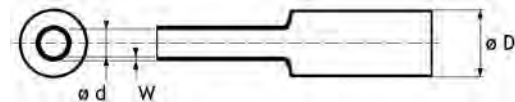


**CFE
Series**



Shrink temperature

When operating temperature of CFE is 120°C, shrink is 33% of its initial diameter.



Part No.	Expanded min. inside Ø (D)	Recovered	
		Max. inside Ø (d)	Nominal wall thickness (W)
	(mm)	(mm)	(mm)
CFE90A	8.9	3.0	1.8
CFE140A	13.0	4.1	2.4
CFE200A	19.1	6.1	2.4
CFE300A	27.9	8.9	3.0
CFE400A	38.1	11.9	4.10
CFE530A	50.8	16.0	4.10
CFE700A	68.1	22.1	4.10
CFE930A	89.9	30.0	4.10 A
CFE1220A	119.9	39.9	4.3

Unless otherwise stated,
all dimensions are in millimeters.

Heavy Wall, Heat-shrink Polyolefin Tubing

Ideal for the Protection of Cable Joints and Terminations
of Cables in Low Voltage Power and Telecom Applications



Technical data



**CFE
Series**

Properties	Standards	Typical performances
Tensile strength	ASTM D412 / ISO 37	14.5 MPa
Elongation	ASTM D412 / ISO 37	600%
Continuous operating temperature	-	-55°C to +110°C
Minimum shrink temperature	-	120°C
Longitudinal change	ASTM D2671	+1% to -10% max.
Specific gravity	ASTM D792, A-1	1.10 g / cm ³
Dielectric strength	ASTM D149	20 kV / mm
Elongation after ageing test	ASTM D2671 / ISO 37 (168 h to 150°C)	500% min.
Choc thermique	ASTM D2671 (4 h to 225°C)	No dripping, flowing or cracking
Low temperature flexibility	ASTM D2671 Meth. C	No cracking to -55%
Water absorption	ASTM D 570	0.10%
Chemical resistance	-	Good to excellent

• *Note : Adhesive characteristics identical to CFM tubing (page 210).*

Unless otherwise stated,
all dimensions are in millimeters.



Heat gun

General features

- ✓ Heat gun with 3-stage temperature switch.
- ✓ Adjustable temperature and air flow control when in use.
- ✓ Our heat gun offers a variety of possible applications.
- ✓ Due to the light weight design of the device and the high temperature achieved, the gun can be used simply and without any fatigue.

Output: 1800 Watts

Temperature control:

- ✓ From 50°C to 600°C in 9 stages.

Air flow rate:

- ✓ Stage 1 : 150 l /min.
- ✓ Stage 2 : 300 l /min.
- ✓ Stage 3 : 500 l /min.

Weight: 850 g

Voltage: 220V

HL1920E



Accessories

- ✓ Surface nozzle (50 mm)

Item code 7469902 Part No. BS701

- ✓ Surface nozzle (75 mm)

Item code 7469903 Part No. BS702

- ✓ Reflector nozzle (30 mm)

Item code 7469904 Part No. BR705

- ✓ Large reflector nozzle (75 mm)

Item code 7469905 Part No. BR730

- ✓ Reducing nozzle (Ø 14 mm)

Item code 7469907 Part No. BR14



BS 701



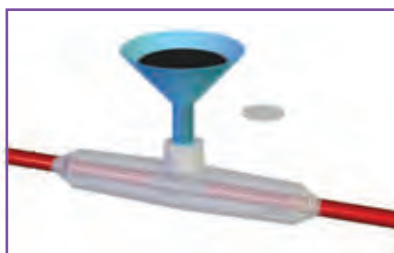
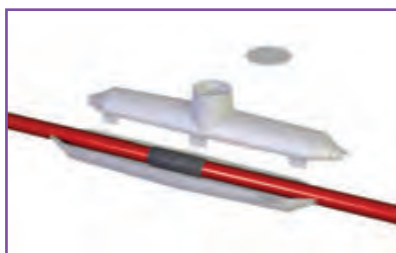
BR 705



BR 14

Unless otherwise stated,
all dimensions are in millimeters.

Low Tension Straight and Branch Joints

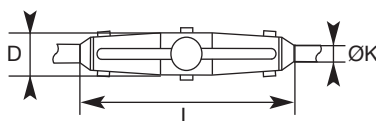


Straight joint

Standard packing in cardboard box:

- ✓ Mould.
- ✓ Separators.
- ✓ Resin to be cast.
- ✓ Sealing ribbon.
- ✓ Installation instructions.
- ✓ Without connector.

Application: energy, signalisation, telephony.



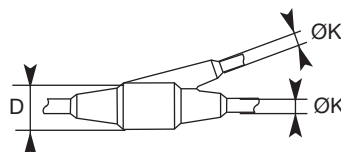
Item code	x1	Part No.	L	D	Ø K	Capacity (mm ²)
7901058		BJ10	202	36	8-26	4x10
7901061		BJ12	260	47	16-32	4x25
7901062		BJ13	360	55	21-38	4x50
7901063		BJ14	400	70	26-41	4x70

Branch joint

Standard packing in cardboard box:

- ✓ Mould.
- ✓ Resin to be cast.
- ✓ Sealing ribbon.
- ✓ Installation instructions.
- ✓ Without connectors.

Application : energy, signalisation, telephony.



Item code	x1	Part No.	L	D	Ø K (mm ²)	Main cable (mm ²)	Branch cable
7901080		BJY1	175	60	6-21	4x10	4x4
7901081		BJY2	225	70	9-24	4x16	4x10
7901082		BJY3	240	99	25-42	4x50	4x25
7901083		BJY4	285	100	29-53	4x95	4x50

Resin to be cast

- ✓ Polyurethane resin two components according DIN VDE 0291, 2nd part, for resin boxes to be cast for low tension energy cable up to 1 KV.
- ✓ Halogen Free.
- ✓ Resistant to combustion.
- ✓ Storage conditions: at ambient temperature between +15° and + 35°.
- ✓ Date limite of use marked on the bag



Item code	x1	Part No.	Volume (ml)
7907003		EG0	143
7907002		EG1	286
7907004		EG2	464



Packing

Unless otherwise stated, all dimensions are in millimeters.



Straight and Branch Gel Joints

General features

SICGEL boxes have specially been designed for the straight or branch joint of industrial synthetic cables. This design enables a quick and simple installation.

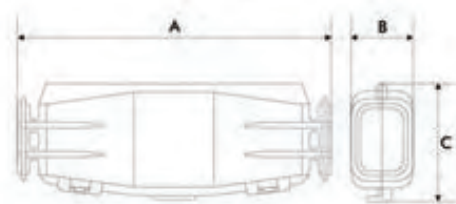
- ✓ Immediate implementation when cold and without any additional component.
- ✓ Perfect electrical insulation.
- ✓ Dielectric technical data: 0.6 – 1 kV.
- ✓ Operating temperature: -20°C to +90°C.
- ✓ Illimited life expectancy.
- ✓ Reopening possible for another use.

**SICGEL
Series**

Compliant
**IEC
20-33**

Compliant
**IEC
20-63**

Double
insulation for
class
IEC 64-8



Item code	Part No.	Capacities (mm ²)			Min.-max Ø cable (mm)	A	B	C	
		Straight	Branch						
			Main	Branch					
7901090	SICGEL30	1x1.5 to 1x50	1x1.5 to 1x50	1x35 2x6	5 - 16	100	30	49	5
7901091	SICGEL50	1x10 to 1x120 2x6 to 2x16 4x1.5 to 4x6	1x10 to 1x70 2x1.5 to 2x10 4x1.5 to 4x6	1x35 2x6 4x4	8-22	165	36	58	3
7901092	SICGEL100	1x35 to 1x185 2x16 to 2x50 4x6 to 4x25	1x25 to 1x150 2x10 to 2x35 4x6 to 4x16	1x70 2x25 4x10	10 - 35	220	50	90	1



Non insulated butt connectors to be crimped

Tin-copper butt connectors to be crimped:

- ✓ Bell entry and inspection hole with cable stopper.



IC connectors

Connectors with individual tightening with Allen key for cables 4 x 10 mm² or 4 x 25 mm².

Item code	Part No.	Max capacity (mm ²)	Item code	Part No.	Compatibility
7431256	MJ16CT	16	7600200	IC10	SICGEL 50
7431266	MJ25CT	25	7600201	IC25	SICGEL 100
7431276	MJ35CT	35			
7431286	MJ50CT	50			



Packing

Unless otherwise stated,
all dimensions are in millimeters.

Straight joint

- ✓ Without gel and without resin.
- ✓ Shock resistant plastic body.
- ✓ Available in two sizes for cables from 6 to 25 mm outside diameter.
- ✓ For LV cable max. 1 kV.
- ✓ Waterproof (IP68).
- ✓ UV resistant.
- ✓ Acid and putrefaction resistant.
- ✓ Dustproof.
- ✓ Screwed lid which can accept a lead sealing to prevent unauthorized access.
- ✓ Connection up to 4 cables.

Note: TDM boxes can also be filled with ALFAGEL to further prevent from ingress of water in case of use with non-waterproof cables.

Standard packing:

- ✓ 1 TDM box,
- ✓ 1 rubber moulding for 4 cables,
- ✓ 1 lid,
- ✓ 4 short cable ties,
- ✓ 1 long cable tie,
- ✓ 1 lubricant gel box.

TDM Series

CE



TDM 1

TDM 2

WITHOUT GEL OR RESIN

Item code

Part No.

Dimensions (mm)

Acceptable sections (mm²)

Min.-max. Ø cable (mm)

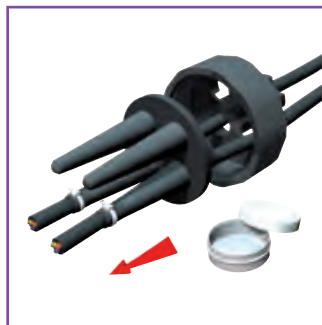
7901100	TDM1	165x70	3x1.5 to 5x2.5	6 - 14
7901101	TDM2	275x98	3x1.5 to 5x16	6 - 25



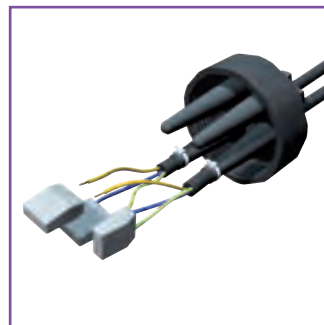
Product installation procedure:



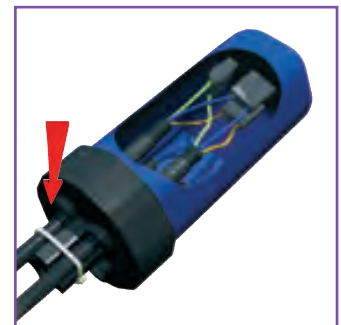
Cut the rubber cones to half of the cable diameter. Clean and insert the cables into the lid.



Cover each cable with lubricant and insert into rubber cones. Tighten the small cable ties on the cut end of each rubber cone.



Do the connections



Screw the lid firmly and tighten the cables to the mounting base with the big cable tie.

Accessories:

- ✓ Tightening clamp for TDM2.





ALFAGEL Two-Component Silicone Gel

Reenterable and Fast Cross-linking



General features

- ✓ **Very fast cross-linking:**
Polymerisation time at 23°C: 12 min.
- ✓ Dielectric strength: 25.5 kV/mm.
- ✓ Mixing ratio 1:1.
- ✓ Working time at 23°C: 5 min.
- ✓ Operating temperature: -60 +200°C.
- ✓ Colour: transparent blue.
- ✓ Non hazardous product as per EC Directive 67/548/EEC or 1999/45/EC.

Item
code

Part
No.

Volume (liters)

Bottles		
7901112	ALFAGEL300	0.3
7901113	ALFAGEL1000	1.0
Tanks		
7901114	ALFAGEL10000	10

Applications

- ✓ Filler for straight and branch joints.
- ✓ Electrical insulation on cables and accessories up to 0.6/1 kV.
- ✓ Electronic board and component insulation.

Advantages

- ✓ Very fast cross-linking.
- ✓ Reenterable.
- ✓ Non-toxic.
- ✓ Easy pourable.
- ✓ No waste thanks to separate containers, the graduated jug and perforation pouring system.
- ✓ Excellent electrical insulation.
- ✓ Protection from atmospheric elements (rain, humidity) and dust.
- ✓ Good mechanical strength.
- ✓ No expiry date.
- ✓ Reusable after opening.



Package contents

Bottles

- ✓ 2 separate and transparent bottles.
- ✓ Graduated jug.
- ✓ Instructions.

Tanks

- ✓ 2 separate tanks.
- ✓ Graduated jug.
- ✓ Instructions.



Unless otherwise stated,
all dimensions are in millimeters.

ALFAGELPLUS Two-Component Silicone Gel

Reusable - In Bottles



REPOSITIONABLE

General features

- ✓ **Repositionable.**
- ✓ Dielectric strength: 24 kV/mm.
- ✓ Mixing ratio 1:1.
- ✓ Working time at 23°C: 10 min.
- ✓ Polymerisation time at 23°C: 25 min.
- ✓ Operating temperature: -60 +200°C.
- ✓ Colour: light green.
- ✓ Non hazardous product as per EC Directive 67/548/EEC or 1999/45/EC.

Item
code

Part
No.

Volume (liters)

7901115

ALFAGELPLUS

1.0

Applications

- ✓ Filler for straight and branch joints.
- ✓ Electrical insulation on cables and accessories up to 0.6/1 kV.
- ✓ Electronic board and component insulation.
- ✓ **Indicated in difficult installation conditions.**
- ✓ **Indicated for vertical use or inverted horizon.**

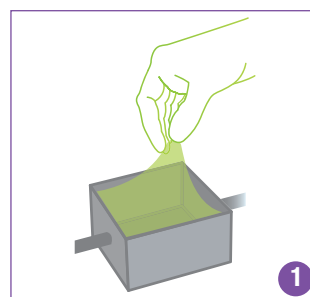
Advantages

- ✓ Repositionable.
- ✓ Reenterable.
- ✓ Non-toxic.
- ✓ No waste thanks to the separate containers and the graduated jug.
- ✓ Excellent electrical insulation.
- ✓ Protection from atmospheric elements (rain, humidity) and dust.
- ✓ Good mechanical strength.
- ✓ No expiry date.
- ✓ Reusable after opening.

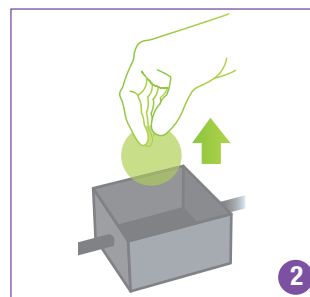
Package contents

Bottles

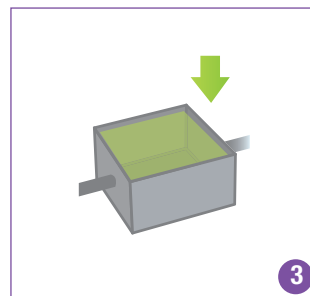
- ✓ 2 separate and transparent bottles.
- ✓ Graduated jug.
- ✓ Instructions.



1



2



3

Unless otherwise stated,
all dimensions are in millimeters.



STICKGEL Monocomponent Silicone Gel

In Cartridge

General features

- ✓ Monocomponent silicone gel.
- ✓ Thixotropic consistency.
- ✓ Colour: transparent blue.
- ✓ Odourless.
- ✓ Without any solvent.
- ✓ 300 ml cartridge.
- ✓ Non hazardous product as per EC Directive 67/548/EEC or 1999/45/EC.
- ✓ Dielectric strength: 25 kV/mm.
- ✓ Operating temperature: -60 +200°C.
- ✓ Density: 0.97 g/l (ISO 3219).
- ✓ Self-extinguishing: HB (UL 94).
- ✓ Specific resistance: 10 G Ω /mm.
- ✓ Volumetric loss: <0.01%.

Applications

- ✓ Electrical connection insulation 0.6/1kV.
- ✓ Electronic board and component insulation.
- ✓ **Indicated in case of difficult access to the box and/or connection.**
- ✓ Suitable for vertical use or inverted horizon.

Advantages

- ✓ No components to be mixed.
- ✓ Immediately ready to be used.
- ✓ Cartridge applicable on common silicone guns.
- ✓ Precise dosage which eliminates any waste.
- ✓ Reenterable.
- ✓ Removable.
- ✓ Transparent.
- ✓ Ecofriendly.
- ✓ High degree of electrical insulation.
- ✓ Protection from atmospheric elements (rain, humidity) and dust.
- ✓ Good mechanical strength.
- ✓ UV resistant.
- ✓ No expiry date.



Item
code

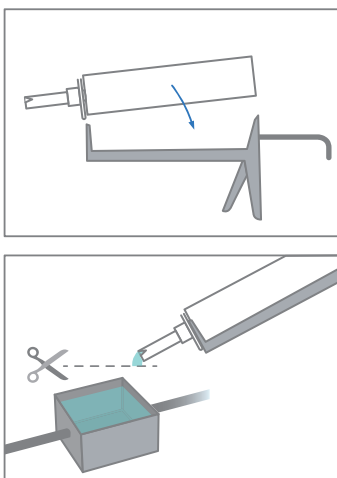
Part
No.

Volume (liters)

7901116

STICKGEL

0.3

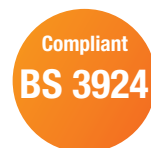


Unless otherwise stated,
all dimensions are in millimeters.



General features

- ✓ PVC adhesive tape of electrical quality.
- ✓ Rubber adhesive mass.
- ✓ Flame retardant.
- ✓ Excellent resistance to abrasion, corrosion and moisture.
- ✓ Very good dielectric strength and mechanical resistance
- ✓ Operating temperature: 0°C to +90°C.



Part No.	Item code	Colour	 Tape/Bag	 Bulk packing/Box	Thickness (mm)	Width (mm)	Length (m)
AD1510BK	7466000	●	10	200 (20x10 tapes)	0.13	15	10
AD1510WE	7466001	○	10	200 (20x10 tapes)	0.13	15	10
AD1510BE	7466002	●	10	200 (20x10 tapes)	0.13	15	10
AD1510GY	7466003	●	10	200 (20x10 tapes)	0.13	15	10
AD1510YW	7466004	●	10	200 (20x10 tapes)	0.13	15	10
AD1510BN	7466005	●	10	200 (20x10 tapes)	0.13	15	10
AD1510RD	7466006	●	10	200 (20x10 tapes)	0.13	15	10
AD1510GN	7466007	●	10	200 (20x10 tapes)	0.13	15	10
AD1510JV	7466008	green/yellow	10	200 (20x10 tapes)	0.13	15	10
AD1510MT	7466009	multi-colours	10	200 (20x10 tapes)	0.13	15	10
AD15100E	7466023	●	10	200 (20x10 tapes)	0.13	15	10
AD1920BK	7466010	●	10	200 (12x10 tapes)	0.18	19	20
AD1925RD	7466024	●	10	200 (12x10 tapes)	0.15	19	25
AD1925WE	7466025	○	10	200 (12x10 tapes)	0.15	19	25
AD1925BE	7466026	●	10	200 (12x10 tapes)	0.15	19	25
AD1925GY	7466027	●	10	200 (12x10 tapes)	0.15	19	25
AD1925BN	7466028	●	10	200 (12x10 tapes)	0.15	19	25
AD1925JV	7466030	green/yellow	10	200 (12x10 tapes)	0.15	19	25
AD48330E	7466040	●	1	36 (36x1 tapes)	0.12	48	33



Packing

Unless stated otherwise, all dimensions are in millimeters.



Electrician kit

Display

Bilbox

Heat-shrink tubing packagings

See page 199.

For any information,
please contact us by phone:
+33 (0) 5 55 73 89 85
or by email: info@mecatraction.com

Cable Ties and Accessories

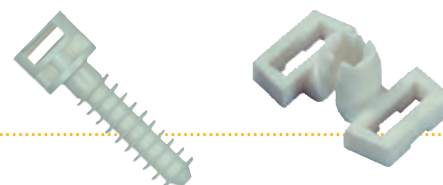
224 **Installation cable ties**



225 **Removable notched cable ties**



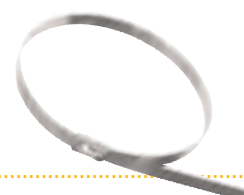
226 **Fixing accessories**



227 **Cable ties and cabling accessories**



229 **Stainless steel cable ties**



230 **Installation tools**





Installation Cable Ties

General features

CCI series

- ✓ Material: RoHS copolymer.
- ✓ Halogen free.
- ✓ Melting temperature: 186°C.
- ✓ External notches.
- ✓ Flammability rating : UL 94 HB.
- ✓ Limit oxygen index (LOI): 22%.
- ✓ Operating temperature: -45°C to +85°C.
- ✓ Assembling temperature: -30°C to +60°C.
- ✓ Regain of humidity: < 1%.
- ✓ Good resistance to: bases, oils, greases, hydrocarbons, salt fog.
- ✓ Good resistance to ultra-violet rays.
- ✓ Fumes corrosivity: NFC 20-453: <5%.
- ✓ Non resistant to chlorinated solvents.



**CCI
Series**

**Compliant
EN
50146**



Item code	100 /box	Part No.	Max. Bundle Ø (mm)	Min. tensile strength (daN)	Length (mm)	Width (mm)
7101000		CCI6-115	25	28	115	6
7101010		CCI6-180	45	28	180	6
7101020		CCI6-290	78	28	290	6
7101030		CCI6-360	100	28	360	6
7101035		CCI9-132	27	39	132	9
7101040		CCI9-180	40	39	180	9
7101050		CCI9-265	62	54	260	9
7101060		CCI9-360	93	54	360	9
7101070		CCI9-510	140	55	510	9
7101080		CCI9-760	220	55	760	9

General features

CCM series

- ✓ Material: black polyamide 6.6.
- ✓ Halogen free.
- ✓ Melting temperature: 261°C.
- ✓ External notches.
- ✓ Flammability rating: UL 94 V2.
- ✓ Limit oxygen index (LOI): 26%.
- ✓ Operating temperature: -30°C to +80°C.
- ✓ Assembling temperature: -15°C to +60°C.
- ✓ Regain of humidity: 2.5%.
- ✓ Resistance to external agents: bases, oils, greases, hydrocarbons, salt fog.
- ✓ Resistance to ultra-violet and ozone.
- ✓ Limited resistance to acids.
- ✓ Non resistant to chlorinated solvents, phenols.

**CCM
Series**



Item code	100 /box	Part No.	Max. Bundle Ø (mm)	Min. tensile strength (daN)	Length (mm)	Width (mm)
7102101		CCM9-42	42	35	185	9
7102111		CCM9-62	62	51	273	9
7102121		CCM9-92	92	51	360	9



Packing

Unless otherwise stated,
all dimensions are in millimeters.

Removable Notched Cable Ties

(CCD type)



General features

CCD9 series

- ✓ Material: black polyamide 11/12.
- ✓ Halogen free.
- ✓ Melting temperature: 180°C.
- ✓ Flammability rating: UL 94 HB.
- ✓ Limit oxygen index (LOI): 22.5%.
- ✓ Operating temperature : -45°C to +80°C.
- ✓ Assembling temperature : -30°C to +60°C.
- ✓ Regain of humidity: ≈ 1%.
- ✓ Resistance to external agents: bases, acids, oils, hydrocarbons, salt fog.
- ✓ Resistance to ultra-violet and ozone.
- ✓ Non resistant to chlorinated solvents.

CCD9
Series

Compliant
EDF HN
33 S 62
(07-76)



Item code	100 /box	Part No.	Max bundle Ø (mm)	Length (mm)	Width (mm)
7100031		CCD9-42	10 - 42	187	9
7100041		CCD9-62	20 - 62	251	9
7100051		CCD9-92	20 - 92	344	9

General features

CCD9-A series

- ✓ Material: white polyamide (internal use).
- ✓ Halogen free.
- ✓ Melting temperature: 250°C.
- ✓ Flammability rating: UL 94 V0.
- ✓ Limit oxygen index (LOI): 31%.
- ✓ Operating temperature: -40°C to +110°C.
- ✓ Assembling temperature : -10°C to +50°C.
- ✓ Resistance to external agents: bases, acids, oils, hydrocarbons, salt fog.

CCD9-A
Series

Homologated
EDF
(SEPTEN)



Item code	100 /box	Part No.	Max bundle Ø (mm)	Length (mm)	Width (mm)
7110121		CCD9-42A	10 - 42	187	9
7110131		CCD9-62A	20 - 62	251	9
7110141		CCD9-92A	20 - 92	344	9



Packing

Unless otherwise stated,
all dimensions are in millimeters.



Fixing Accessories for Installation Cable Ties (CCE type)

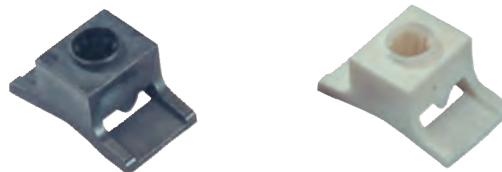
General features

Material:

- ✓ Black polyamide 12.
- ✓ White polyamide (internal use).
- ✓ EM7P: Polyamide 6.

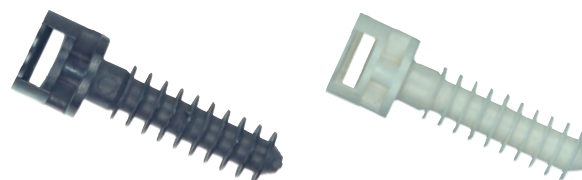
Screw-fitted supports on 7 x 150 threading for 9 mm width cable ties

Item code	Part No.		Item code	Part No.	
Black			White		
7100101	EM7	100	7110231	EM7A	100
7100102	EM7P	100			



Cable ties supports Ø 8 mm with spacing to wall 12 mm

Item code	Part No.		Item code	Part No.	
Black			White		
7100111	CHEM8	100	7110221	CHEM8A	100



Cable ties supports Ø 8 mm with spacing to wall 6 mm (polyamide 6)

Item code	Part No.	
Black		
7100111	CHEM8	100



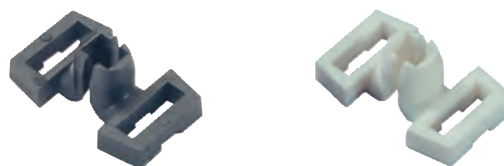
Housings for 9 mm width cable ties

Item code	Part No.		Item code	Part No.	
Black			White		
7100141	P9	100	7110262	P9A	100



Sheet type fixing's for 5/10 to 10/10 sheet with 7 mm Ø hole

Item code	Part No.		Item code	Part No.	
Black			White		
7100131	VT7	100	7110251	VT7A	100



Bolts for EDF cable ways with cross perforation (10 mm width)

Item code	Part No.		Item code	Part No.	
Black			White		
7100121	VER	100	7110241	VERA	100



Packing

Unless otherwise stated,
all dimensions are in millimeters.

General features

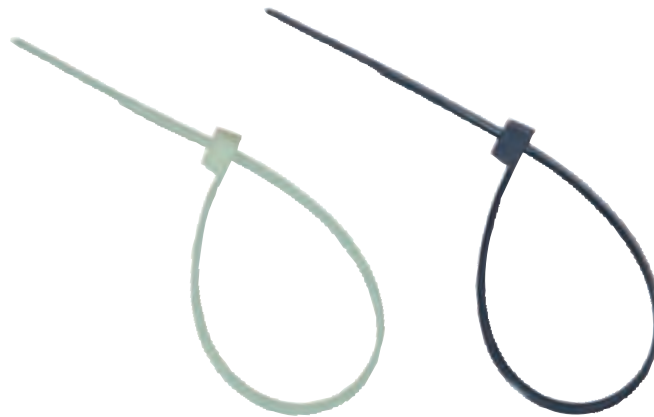
- ✓ Material: polyamide 6.6.
- ✓ Halogen free.
- ✓ Melting temperature: 255°C.
- ✓ Flammability rating: UL 94 V2.
- ✓ Limit oxygen index (LOI): 27%.
- ✓ Operating temperature: -40°C to +80° C.
- ✓ Assembling temperature: -10°C to +60°C.
- ✓ Regain of humidity (24 hours): 1.3%.
- ✓ Resistance to external agents: bases, oils, hydrocarbons, chlorinated solvents.
- ✓ Limited resistance to acids.
- ✓ Non resistant to phenols.



**CCE...A
Series**

**CCE...
Series**

**Compliant
MIL-S-
23190E**



Black		White		Length (mm)	Width (mm)	Max bundle Ø (mm)	Tensile strength (daN)
Item code	Part No.	Item code	Part No.				
7133000	CCE80-2,5	7133030	CCE80-2,5A	80	2.5	14	8.1
7133001	CCE100-2,5	7133031	CCE100-2,5A	100	2.5	20	8.1
7133002	CCE160-2,5	7133032	CCE160-2,5A	160	2.5	36	8.1
7133005	CCE200-2,5	7133035	CCE200-2,5A	200	2.5	50	8.1
7133003	CCE140-3,6	7133033	CCE140-3,6A	140	3.6	30	18.2
7133007	CCE200-3,6	7133037	CCE200-3,6A	200	3.6	50	18.2
7133010	CCE295-3,6	7133040	CCE295-3,6A	295	3.6	75	18.2
7133004	CCE200-4,8	7133034	CCE200-4,8A	200	4.8	50	22.2
7133009	CCE295-4,8	7133039	CCE295-4,8A	295	4.8	75	22.2
7133011	CCE370-4,8	7133041	CCE370-4,8A	370	4.8	100	22.2
7133013	CCE430-4,8	7133043	CCE430-4,8A	430	4.8	115	22.2
7133006	CCE200-7,6	7133036	CCE200-7,6A	200	7.6	50	54.5
7133008	CCE290-7,6	7133038	CCE290-7,6A	290	7.6	80	54.5
7133012	CCE370-7,6	7133042	CCE370-7,6A	370	7.6	105	54.5
7133015	CCE550-9	7133045	CCE550-9A	550	9	140	79.4
7133016	CCE762-9	7133046	CCE762-9A	762	9	190	79.4
7133014	CCE550-12,7	7133044	CCE550-12,7A	550	12.7	140	113.5
7133017	CCE762-12,7	7133047	CCE762-12,7A	762	12.7	190	113.5



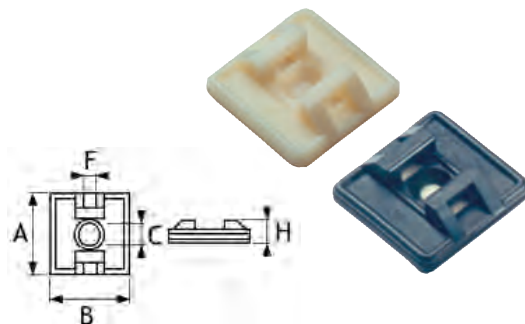
Cable Tie Bases

General features

- ✓ Black or white polyamide 6.6, self-adhesive or screw, fixing supports for cable ties (CCE type).

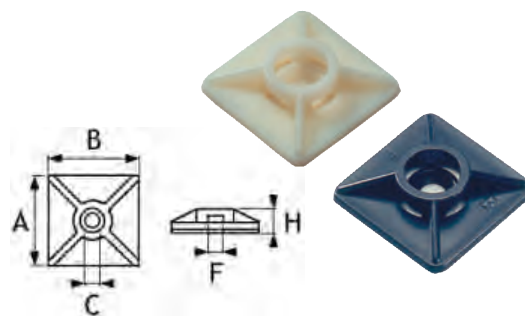
Single way self-adhesive supports

100 / box		100 / bag								
Item code	Part No.	Item code	Part No.	Cable ties width	A	B	C	F	H	
White		Black								
7132261	EAU36A	7132281	EAU36	3.6	19	19	4.6	3.8	5	
7132301	EAU48A	7132321	EAU48	4.8	25	25	4.6	5.8	7	



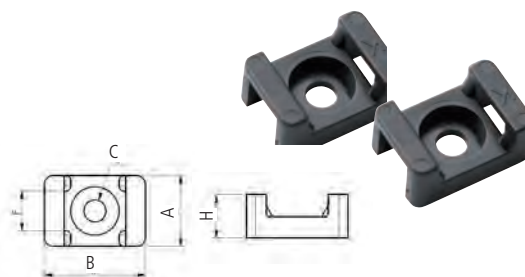
Two way self-adhesive supports

100 / box		100 / bag								
Item code	Part No.	Item code	Part No.	Cable ties width	A	B	C	F	H	
White		Black								
7132421	EAB36A	7132441	EAB36	3.6	19	19	4.6	3.8	6	
7132461	EAB48A	7132481	EAB48	4.8	25	25	4.6	5.8	7	



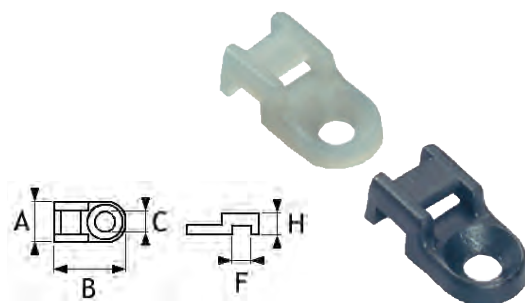
Cradles

100 / box		100 / bag								
Item code	Part No.	Item code	Part No.	Cable ties width	A	B	C	F	H	
White		Black								
7132581	EF9A	7132601	EF9	9	15	23	5	9	9	



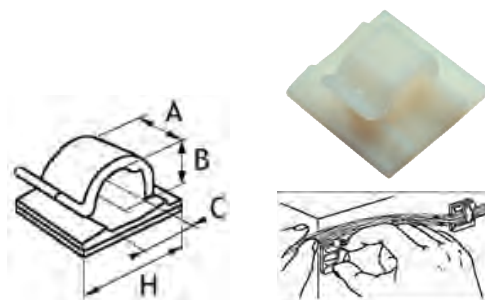
Eyelets

100 / box		100 / bag								
Item code	Part No.	Item code	Part No.	Cable ties width	A	B	C	F	H	
White		Black								
7132661	EFD4A	7132681	EFD4	4.8	9.5	19.1	4.3	5	5	



Self-adhesive cable mounts

100 / bag					
Item code	Part No.	A	B	C	H
7132701	FC4	11	4.5	5	16
7132721	FC11	12.5	7.5	11	25
7132741	FC18	14	14.5	18	28



Packing

Unless otherwise stated, all dimensions are in millimeters.

General features

- ✓ Material: stainless steel 316.
- ✓ High resistance to corrosion.
- ✓ Inside or outside use. Resists salt and the effects of chemical products.
- ✓ High resistance to temperature: -80°C to +538°C.

Ball mechanism allows:

- ✓ Self-locking.
- ✓ Light insertion effort.
- ✓ High resistance to snatching.
- ✓ Simple and quick assembly.

Applications

- ✓ Shipbuilding.
- ✓ Aeronautics.
- ✓ Petrochemistry.
- ✓ Offshore.
- ✓ Telecommunications.
- ✓ Food industry.



**STB...M
Series**



**STB...S
Series**



Item code	Part No.		Length (mm)	Width (mm)	Max bundle Ø (mm)	Mini tensile strength (daN)
7135000	STB152S	100	152	4.5	25	45.3
7135001	STB200S		200		50	
7135002	STB360S		360		102	
7135003	STB520S		520		152	
7135004	STB680S		680		203	
7135005	STB840S		840		254	
7135006	STB1050S	25	1 050	8	318	113.3
7135007	STB152M	50	152		25	
7135008	STB200M		200		50	
7135009	STB360M		360		102	
7135010	STB520M		520		152	
7135011	STB680M		680		203	
7135012	STB840M		840		254	
7135013	STB1050M	25	1 050		318	



Packing

Unless otherwise stated,
all dimensions are in millimeters.



Tools for Cable Ties

Hand tool for cable ties

- ✓ Bundle capacity: for cable ties from 2.2 to 4.8 mm width.
- ✓ For cable ties from 2.2 to 2.5 mm width: position 1.
- ✓ For cable ties 3.6 mm width: position 2.
- ✓ For cable ties 4.8 mm width: position 3.
- ✓ Fixing and automatic cutting of cable ties.
- ✓ Metal body and handle.
- ✓ Weight: 350 g.



Item
code

7500301

Part
No.

5401

Hand tool for installation cable ties

- ✓ Bundle capacity: for plastic cable ties from 6 to 9 mm width.
- ✓ Pressed steel body.
- ✓ Weight: 370 g.



Item
code

7500311

Part
No.

SERCOL

Hand tool for stainless steel cable ties

- ✓ Allows fixing and cutting of stainless steel cable ties from 4.5 to 12 mm width.



Item
code

7500312

Part
No.

STG200



Packing

Unless otherwise stated,
all dimensions are in millimeters.



Tooling

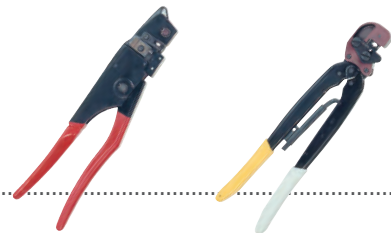
Crimping, Punching, Miscellaneous

232 Choice tables

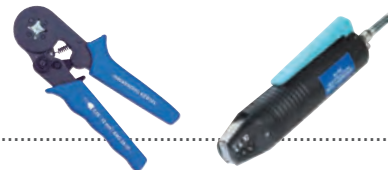
238 Tooling for photovoltaic conductors and connectors



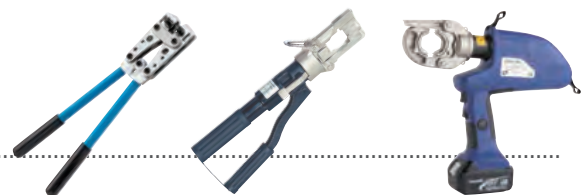
239 Tooling for preinsulated terminals



243 Tooling for end sleeves



253 Tooling for copper or aluminium tubular lugs, butt connectors and pins



301 Cable-cutters, stripping tools, punches





Choice tables

For preinsulated products

Tooling and dies	Part No.	Preinsulated terminals Section mm ²	End sleeves Section mm ²	Page	Tooling and dies	Part No.	Preinsulated terminals Section mm ²	End sleeves Section mm ²	Page
Hand tools					Pneumatic tools				
	UNISERT	0.34 to 6		240		AIROVS +T2	0.34 to 6		250
	TH11	0.1 to 0.4		239		AIROVS + TWDI		0.25 to 16	251
	TH1	0.34 to 1.5		239		AT300	0.34 to 6		242
	TH2	1 to 2.5		239		AC25		0.25 to 2.5	247
	TH3	2.6 to 6		240		AC100		4 to 10	248
	PM2000G	0.5 to 6		240		S1200T	0.34 to 6	0.5 to 16	252
	CT0346	0.34 to 6	0.5 to 50	241	Electric machine				
	KEB10L		0.08 to 10	245		MC25 bobine		0.5 to 2.5	246
	KEB16B		0.08 to 16	245					
	PZ0256		0.25 to 6	243					
	DEB560		0.5 to 6	244					
	CEB1025		10 to 25	244					
	CEB3550		35 to 50	244					
	PSEC7A PSEC8		0.34 to 6 1.5 to 10	243					
	PZL025 en bande		0.5 to 2.5	246					
					For photovoltaic products				
						Part No.			
					Hand tools				
						KITSOLAR34	2.5 to 6		238
						DSOLAR156	1.5 to 6		238

Unless otherwise stated,
all dimensions are in millimeters.



For tubular lugs and connectors

Tooling and dies	Part No.	Non-insulated brazed terminals	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors For Al/Cu non-insulated networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding	Page
										
										
		Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	
Hand tools										
	MB524P	0.5 to 10 MB - BY	0.5 to 10 CT - CU							253
	MB526	10 to 35 MB - BY	10 to 35 CT - CU							253
	061147	0.5 to 16 MB - BY	0.5 to 16							249
	MY70M		10 to 70 CT - CU							253
	MY2913		10 to 120 CT - CU							254
	TN50HX		6 to 50 CT - CU - YCA - DE							254
	TN120HX		6 to 120 CT - CU - YCA - DE							254
	MRD26T		6 to 70 CT							255
	MRD50		4 to 120 CT - CU 10 to 120 YCA	C 6 to C 35	35 to 120	6 to 150	93.3 max.		25 to 150	257
	MRH70	6 to 120 MB	6 to 240 CT - CU	C 6 to C 50	35 to 240	148 max.	148 max.		25 to 150	270
	MRD100		6 to 300 CT	C 16 to C 50	35 to 300	6 to 150		16 to 150		273

Indents



Preinsulated terminals



Preinsulated terminals



End sleeves



End sleeves



End sleeves

Dies



Hexagonal compression



Cable rounding



Crimping for open barrel



Copper indent



Alu deep indent



Choice tables

For tubular lugs and connectors

Tooling	Part No.	Non-insulated brazed terminals	Copper tubular lugs and sleeves	“C” type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors For Al/Cu non-insulated networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding	Page
										
		Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	
Pneumatic tools										
	AIROVS + TWD T	0.5 to 16 MB - BY	0.5 to 16 CT - CU - DE							251
Hand and electro-hydraulic tools from 50 to 130 kN										
	HVD35		4 to 150 CT 6 to 150 DE 6 to 70 YCA							256
	HVD51	6 to 120 MB - BY	4 to 150 CT 6 to 150 CU-DE 10 to 120 YCA	C 6 to C 35	35 to 120	6 to 150	93.3 max.		25 to 150	262
	EID50	6 to 120 MB - BY	4 to 150 CT 6 to 150 CU-DE 10 to 120 YCA	C 6 to C 35	35 to 120	6 to 150	93.3 max.		25 to 150	258
	ESD50	6 to 120 MB - BY	4 to 150 CT 6 to 150 CU - DE 10 to 120 YCA	C 6 to C 35	35 to 120	6 to 150	93.3 max.		25 to 150	260
	HDC61	10 to 120 BY	6 to 300 CT - DE 6 to 240 CU 6 to 300 YCA 10 to 185 DEF	C 6 to C 35	35 to 300				10 to 240	268
	ESDC60		6 to 300 CT - DE 6 to 240 CU 6 to 300 YCA 10 to 185 DEF	C 6 to C 35	35 to 240				10 to 300	264
	HH80	10 to 120 BY	6 to 240 CT - CU	C 6 to C 50	35 to 240	6 to 150	148 max.		25 to 150	270
	HC120	6 to 120 MB	6 to 400 CT-CU 6 to 300 DE-YCA	C 6 to C 95	35 to 300	6 to 240	228 max.		50 to 240	274
	ESC120		6 to 400 CT - CU 6 to 300 DE-YCA	C 6 to C 95	35 to 300	6 to 240	228 max.		50 to 240	278
	HU137		6 to 400 CT - CU 6 to 300 DE-YCA	C 6 to C 95	35 to 300	6 to 240	228 max.	16 to 240	50 to 240	276
	ESU137		6 to 400 CT - CU 6 to 300 DE-YCA	C 6 to C185-95	35 to 300	6 to 240	228 max.	16 to 240	50 to 240	280

Unless otherwise stated,
all dimensions are in millimeters.



For tubular lugs and connectors

“DIELESS” Tooling	Part No.	Non-insulated brazed terminals	Copper tubular lugs and sleeves	“C” type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors For Al/Cu non-insulated networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding	Page
		 Section mm ²	 Section mm ²	 Section mm ²	 Section mm ²	 Section mm ²	 Section mm ²	 Section mm ²	 Section mm ²	

“DIELESS” - Compression tool

	HPM400	16 to 400 CT - CU - DE					50 to 240		298
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“DIELESS” - Connectable compression tools from 60 to 120 kN

	HPH400	16 to 400 CT - CU - DE					50 to 240		298
	HP95	10 to 95 CT - CU - DE							300
	HP300	50 to 300 CT - CU - DE							300

“DIELESS” - Electro-hydraulic compression tool

	HPA400	16 to 400 CT - CU - DE					50 to 240		299
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Mecatraction range of dies for “B” crimping

Mecatraction has developed a new crimping solution: the shape of this die has been conceived to be more adapted to the variations of dimensions of the copper cables cores compared with their nominal sections.



Dies for compression tools 60 kN

mm ²	Item code	Part No.	Item code	Part No.	Item code	Part No.
10	7517847	C6BHCU10	7517831	C6BECU10	7517816	C6BR10
16	7517848	C6BHCU16	7517832	C6BECU16	7517817	C6BR16
25	7517849	C6BHCU25	7517833	C6BECU25	7517818	C6BR25
35	7517850	C6BHCU35	7517834	C6BECU35	7517819	C6BR35
50	7517851	C6BHCU50	7517835	C6BECU50	7517820	C6BR50
70	7517852	C6BHCU70	7517836	C6BECU70	7517821	C6BR70
95	7517853	C6BHCU95	7517837	C6BECU95	7517822	C6BR95
120	7517854	C6BHCU120	7517838	C6BECU120	7517823	C6BR120
150	7517855	C6BHCU150	7517839	C6BECU150	7517824	C6BR150
185	7517856	C6BHCU185	7517840	C6BECU185	7517825	C6BR185
240	7517857	C6BHCU240	7517841	C6BECU240	7517826	C6BR240

Dies for compression tools 120 kN

mm ²	Item code	Part No.	Item code	Part No.	Item code	Part No.
10	7517957	C12BHCU10	7517926	C12BR10	7517941	C12BECU10
16	7517958	C12BHCU16	7517927	C12BR16	7517942	C12BECU16
25	7517959	C12BHCU25	7517928	C12BR25	7517943	C12BECU25
35	7517960	C12BHCU35	7517929	C12BR35	7517944	C12BECU35
50	7517961	C12BHCU50	7517930	C12BR50	7517945	C12BECU50
70	7517962	C12BHCU70	7517931	C12BR70	7517946	C12BECU70
95	7517963	C12BHCU95	7517932	C12BR95	7517947	C12BECU95
120	7517964	C12BHCU120	7517933	C12BR120	7517948	C12BECU120
150	7517965	C12BHCU150	7517934	C12BR150	-	C12BECU150
185	7517966	C12BHCU185	7517935	C12BR185	-	C12BECU185
240	7517967	C12BHCU240	7517936	C12BR240	-	C12BECU240

See tools pages 258, 260, 264, 268, 274, 278 and 280.

Indents



Preinsulated terminals



Preinsulated terminals



End sleeves



End sleeves



End sleeves

Dies



Hexagonal compression



Cable rounding



Crimping for open barrel



Copper indent



Alu deep indent



Choice tables

For tubular lugs and connectors

Tooling	Part No.	Non-insulated brazed terminals	Copper tubular lugs and sleeves	“C” type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors For Al/Cu non-insulated networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding	Page
										
										
		Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	Section mm²	
Connectable compression tools from 60 to 120 kN										
	SDC60		6 to 300 CT - DE 6 to 240 CU 6 to 300 YCA 10 to 185 DEF	C 6 to C 35	35 to 300				10 to 300	268
	SH80CM	10 to 120 BY	6 to 240 CT - CU	C 6 to C 50	35 to 240	6 to 150	148		25 to 150	271
	SC120CM	6 to 120 MB	6 to 400 CT-CU 6 to 300 DE-YCA	C 6 to C 95	35 to 300	6 to 150	228 max.		50 to 240	274
	SU130		25 to 300 CT	C 16 to C 95	35 to 300	6 to 240	228 max.	16 to 240	50 to 240	283
	SU210		25 to 630 CT	C 16 to C	35 to 300	6 to 240	228 max.	16 to 400	35 to 400	284
	SRU210		25 to 630 CT	240	35 to 300	6 to 240	228 max.	16 to 630	50 to 400	284
	SH250		50 to 400 DE 50 to 625 YCA	C 16 to C						289
	SAU400		400 to 1000	240				800 to 1600		290
	SB550		450 to 660				660			291
	DB1001		612 to 1000				1000			291

Indents



Preinsulated
terminals



Preinsulated
terminals



End sleeves



End sleeves



End sleeves

Dies



Hexagonal
compression



Cable
rounding



Crimping
for open barrel



Copper indent



Alu deep indent



Tooling	Part No.	Page	Tooling	Part No.	Page
Hydraulic pumps and sets 700 bars					
	P39	292		SEPT13	293
	SPM4095	292		SPT36-220	294
	PA133	292		DPT51-220	294
	SPT20-586 CM	293			

After-sales service for tooling

Our technical sales service is completely dedicated to the clients expectations.

Demonstration

Operation

Maintenance/repair*

Control/Checking**

Training to the crimping techniques



**For any information,
please contact us by phone:**

+33 (0) 5 55 73 89 80

or by email:

service.technico@mecatraction.com

* In our factory. ** In our factory or in your premises.



Hand Crimping/Stripping Tool for Photovoltaic Connectors

Hand crimping tool for photovoltaic connectors



2.5 to 6 mm²

- ✓ Crimping of connectors type MC3 and MC4.
- ✓ Length: 250 mm.
- ✓ Weight: 0.690 kg
- ✓ Dimensions: 360 x 320 x 95 mm.
- ✓ Weight with battery: 3.800 kg.

- ✓ Tool (without any die).

Item
code

7500040

Part
No.

CCRIMP

- ✓ Die for connector MC3, sections 2.5 – 4 – 6 mm²

Item
code

7500036

Part
No.

MCC3

- ✓ Die for connector MC4, sections 2.5 – 4 – 6 mm²

Item
code

7500037

Part
No.

MCC4

- ✓ Kit "tool + 2 dies" (CCRIMP + MCC3 + MCC4)

Item
code

7500039

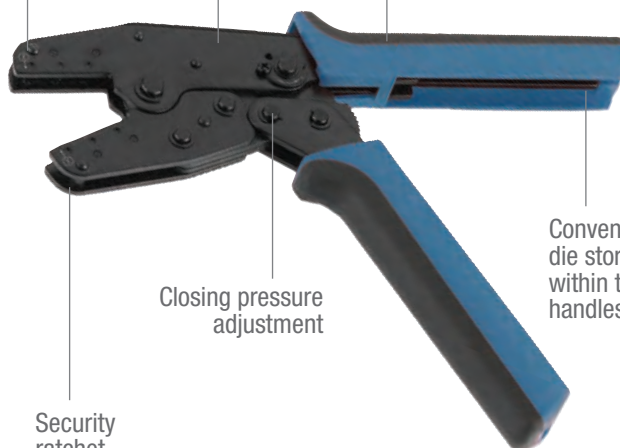
Part
No.

KITSOLAR34

Quick change
die system

Body in
burnished steel

Insulated bi-material handles
for greater comfort



Closing pressure
adjustment

Convenient
die storage
within the
handles

Security
ratchet



MCC3



MCC4

Hand stripping tool for photovoltaic conductors

1.5 to 6 mm²

- ✓ Strips standard solar conductors.
- ✓ Stripping length from 8 to 24 mm.
- ✓ Cuts conductors on insulation up to max. 3 mm Ø.
- ✓ Length: 180 mm.
- ✓ Weight: 0.210 kg.

Item
code

7500038

Part
No.

DSOLAR156



Unless otherwise stated,
all dimensions are in millimeters.

Hand Crimping Tools for Preinsulated Terminals and other Products



Hand crimping tool for preinsulated disconnects



0.1 to 0.4 mm²

- ✓ Crimping of yellow preinsulated disconnects from 0.1 to 0.4 mm².
- ✓ Max. insulating diameter: 2.1 mm.
- ✓ Length: 290 mm.
- ✓ Weight: 0.490 kg.

Delivered in individual box with control and instruction leaflet.

Complementary accessory:

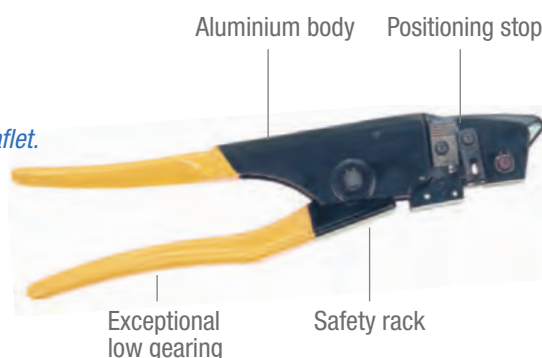
- ✓ Go-no go gauge
Item code: 7500802 / Part Number: PG11

Item code

7500591

Part No.

TH11



High quality crimping by linear movement of dies

Adjustable crimping of cable insulation by eccentric

Hand crimping tool for preinsulated products



0.34 to 1.5 mm²

- ✓ Crimping of red preinsulated products from 0.34 to 1.5 mm².
- ✓ Length: 290 mm.
- ✓ Weight: 0.500 kg.

Delivered in individual box with control and instruction leaflet.

Additional equipment:

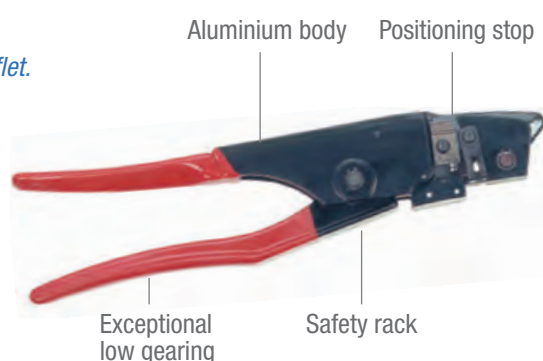
- ✓ Stop for 2.8 mm disconnects.
Item code: 7502073 / Part Number: HD28
- ✓ Stop for 2.8 mm disconnects crimped on edge (90°).
Item code: 7502086 / Part Number: HD28-90
- ✓ Stop for sleeves with inspection hole.
Item code: 7502084 / Part Number: HF21
- ✓ Go-no go gauge.
Item code: 7500801 / Part Number: PG1

Item code

7500501

Part No.

TH1



High quality crimping by linear movement of dies

Adjustable crimping of cable insulation by eccentric

Hand crimping tool for preinsulated products



1 to 2.5 mm²

- ✓ Crimping of blue preinsulated products from 1 to 2.5 mm².
- ✓ Length: 290 mm.
- ✓ Weight: 0.500 kg.

Delivered in individual box with control and instruction leaflet.

Additional equipment:

- ✓ Stop for sleeves with inspection hole.
Item code: 7502084 / Part Number: HF21
- ✓ Go-no go gauge.
Item code: 7500831 / Part Number: PG2

Item code

7500502

Part No.

TH2



High quality crimping by linear movement of dies

Adjustable crimping of cable insulation by eccentric

Unless otherwise stated, all dimensions are in millimeters.



Hand Crimping Tools for Preinsulated Terminals and other Products

Hand crimping tool for preinsulated products

 2.6 to 6 mm²

- ✓ Crimping of yellow preinsulated products from 2.6 to 6 mm².
- ✓ Max. insulating diameter: 6.8 mm.
- ✓ Length: 330 mm.
- ✓ Weight: 0.900 kg.
- ✓ Colour of the handles: one yellow and one white.

Delivered in individual box with control and instruction leaflet.

Complementary accessory:

- ✓ Go-no go gauge.

Item code: 7500862 / Part number: PGH3

Item code 7500507 Part No. TH3

Steel body

Positioning stop for terminals, disconnects end-splices and sleeves with inspection hole

Adjustable crimping of cable insulation by slug



Exceptional low gearing

Safety rack

High quality crimping by linear movement of dies

Hand crimping tools for terminals, disconnects and waterproof connectors

 0.5 to 6 mm²

- ✓ Crimping of preinsulated waterproof products from 0.5 to 6 mm². See page 68.
- ✓ Length: 258 mm.
- ✓ Weight: 0.580 kg.

Item code 7500420 Part No. PM2000G



Insulated handles

Safety rack

Hand crimping tool for preinsulated products

 0.34 to 6 mm²

- ✓ Crimping of yellow preinsulated terminals and disconnects from 0.34 to 6 mm².
- ✓ Cuts brass screws.
- ✓ Length: 225 mm.
- ✓ Weight: 0.220 kg.
- ✓ Tool type: general public.

Item code 7500151 Part No. UNISERT



Strips

End cuts

Unless otherwise stated, all dimensions are in millimeters.

Hand Crimping Tools

for Preinsulated Terminals and other Products



Hand crimping tool for preinsulated products



0.5 to 6 mm²

- ✓ Crimping of red, blue and yellow preinsulated products from 0.34 to 6 mm², single and double crimp series.
- ✓ Length: 225 mm.
- ✓ Weight with battery: 0.540 kg.

Item code

7500186

Part No.

HCT056

Die with double indent enabling a crimping on core and insulation in only one operation



Safety rack

Ergonomic handles

Hand crimping tool for preinsulated products



0.34 to 6 mm²

- ✓ Crimping of red, blue and yellow preinsulated products from 0.34 to 6 mm².
- ✓ Length: 245 mm.
- ✓ Weight: 0.640 kg.

Item code

7500205

Part No.

CT0346

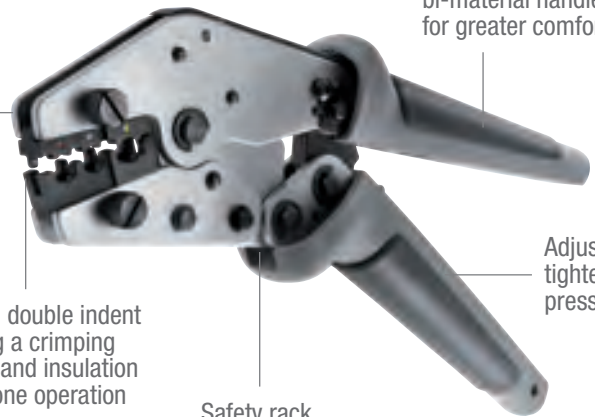
Chrome-steel body

Die with double indent enabling a crimping on core and insulation in only one operation

Safety rack

Insulated bi-material handles for greater comfort

Adjustable tightening pressure



Storage case with a hand crimping tool and 5 sets of dies



0.34 to 35 mm²

- ✓ Crimping of non preinsulated or preinsulated products, end sleeves and disconnects with open barrel.
- ✓ The tool is identical to CT 0346 but is equipped with a quick release system of the dies (without any screw or tool).

Item code

7500206

Part No.

SETCT5PLUS



- ✓ 1 storage case
Part Number: COFPCT5PLUS
- ✓ 1 die for disconnects with open barrel from 0.5 to 2.5 mm²
Part Number: OB2,5P
- ✓ 1 die for non preinsulated or preinsulated end sleeves from 16 to 35 mm²
Part Number: WF35
- ✓ 1 die for preinsulated terminals from 0.34 to 6 mm²
Part Number: IT6
- ✓ 1 die for non preinsulated terminals from 0.5 to 10 mm²
Part Number: NIT10
- ✓ 1 die for non preinsulated or preinsulated end sleeves from 0.5 to 16 mm²
Part Number: WF16

Unless otherwise stated, all dimensions are in millimeters.



Pneumatic Crimping Tool

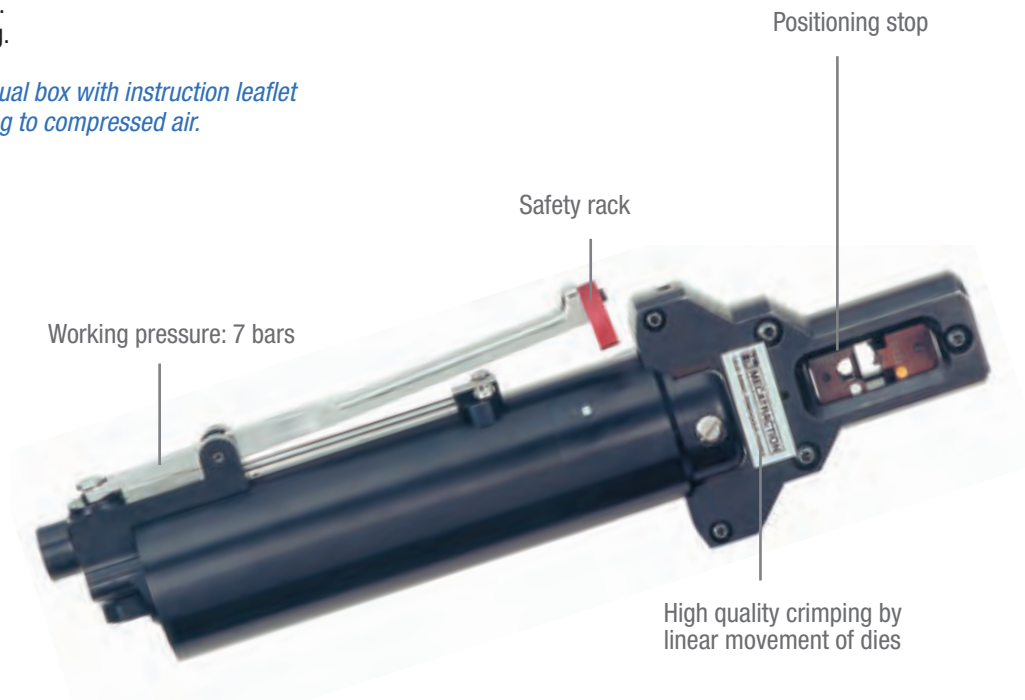
Pneumatic crimping tool for preinsulated products



0.34 to 6 mm²

- ✓ Accurate and powerful crimping of terminals, disconnects and end splices from 0.34 to 6 mm².
- ✓ Length: 320 mm.
- ✓ Weight: 1.500 kg.

Delivered in individual box with instruction leaflet and flex for coupling to compressed air.



Pneumatic set = 1 pneumatic jack + 1 head:

- ✓ One pneumatic jack.

Item code 7513012 Part No. AT201

- ✓ Crimping head for red products from 0.34 to 1.5 mm².

Item code 7513015 Part No. AT331

- ✓ Crimping head for blue products from 1 to 2.5 mm².

Item code 7513016 Part No. AT332

- ✓ Crimping head for yellow products / industry series from 2.5 to 6 mm².
- ✓ or crimping head for railway series from 1 to 2.5 mm² (white insulation).
- ✓ Max. diameter on insulation: 6.8 mm.

Item code 7513017 Part No. AT333

- ✓ Crimping head for railway series from 1 to 2.5 mm² (black insulation) and from 2.6 to 6 mm² (yellow insulation black striped).
- ✓ Max. diameter on insulation: 8.8 mm.

Item code 7513018 Part No. AT333-2

Additional equipment:

- ✓ Support for stationary work, with foot control.

Item code 7514011 Part No. ATBA

- ✓ Go-no go gauge for AT331.

Item code 7500801 Part No. PG1

- ✓ Go-no go gauge for AT332.

Item code 7500831 Part No. PG2

- ✓ Go-no go gauge for AT333 et AT333-2.

Item code 7500862 Part No. PGH3

Unless otherwise stated,
all dimensions are in millimeters.

Hand Crimping Tools

for Close-end Wire Connectors and End Sleeves



Hand crimping tool for close-end wire connectors



0.34 to 6 mm²

- ✓ Crimping of close-end wire connectors:
 - PME1 (from 0.34 to 1.5 mm²)
 - PME2 (from 1.5 to 2.5 mm²)
 - PME3 (from 2.5 to 6 mm²)
- ✓ Length: 275 mm.
- ✓ Weight: 0.430 kg.



Item
code

7500401

Part
No.

PSEC7A



Insulated handles

Safety rack

Hand crimping tool for close-end wire connectors



1.5 to 10 mm²

- ✓ Crimping of close-end wire connectors:
 - PME2 (from 1.5 to 2.5 mm²)
 - PME3 (from 2.5 to 6 mm²)
 - PME4 (from 6 to 10 mm²)
- ✓ Length: 320 mm.
- ✓ Weight: 0.620 kg.



Item
code

7500402

Part
No.

PSEC8



Insulated handles

Safety rack

Hand crimping tool for end sleeves



0.25 to 6 mm²

- ✓ Crimping of end sleeves from 0.25 to 6 mm².
- ✓ High quality tool enabling a crimping in compliance with the requirements of NF C-63-023 and DIN 46228 standards.
- ✓ Only one crimping indent.
- ✓ Length: 210 mm.
- ✓ Weight: 0.500 kg.

Item
code

7500072

Part
No.

PZ0256



Insulated handles

Safety rack

Unless otherwise stated,
all dimensions are in millimeters.



Hand Crimping Tools for End Sleeves

Hand crimping tool for end sleeves



0.5 to 6 mm²

- ✓ Crimping of end sleeves from 0.5 to 6 mm².
- ✓ High quality tool enabling a crimping in compliance with the requirements of NF C-63-023 and DIN 46228 standards.
- ✓ Length: 200 mm.
- ✓ Weight: 0.350 kg.

Item code

7500075

Part No.

DEB0560



5 crimping indents

Safety rack

Insulated handles with ergonomic profile and non-slip surface

Hand crimping tool for end sleeves



10, 16 and 25 mm²

- ✓ Crimping of end sleeves from 10, 16 and 25 mm².
- ✓ High quality tool enabling a crimping in compliance with the requirements of NF C-63-023 and DIN 46228 standards.
- ✓ Length: 230 mm.
- ✓ Weight: 0.540 kg.

Item code

7500078

Part No.

CEB1025



3 crimping indents

Safety rack

Insulated handles with ergonomic profile and non-slip surface

Hand crimping tool for end sleeves



35 and 50 mm²

- ✓ Crimping of end sleeves from 35 and 50 mm².
- ✓ High quality tool enabling a crimping in compliance with the requirements of NF C-63-023 and DIN 46228 standards.
- ✓ Length: 230 mm.
- ✓ Weight: 0.540 kg.

Item code

7500079

Part No.

CEB3550



2 crimping indents

Safety rack

Insulated handles with ergonomic profile and non-slip surface

Unless otherwise stated, all dimensions are in millimeters.

Hand Crimping Tools for End Sleeves



Hand crimping tool for end sleeves



0.08 to 10 mm²

- ✓ Crimping of end sleeves from 0.08 to 16 mm².
- ✓ Length: 180 mm.
- ✓ Weight: 0.380 kg.

Item code

7507115

Part No.

KEB16L



Automatic self-adjustment to the section of the end sleeves to be crimped

Insulated handles



Square crimping



Side crimping

Hand crimping tool for end sleeves



0.08 to 16 mm²

- ✓ Crimping of end sleeves from 0.08 to 16 mm².
- ✓ Length: 190 mm.
- ✓ Weight: 0.475 kg.

Item code

7507114

Part No.

KEB16B

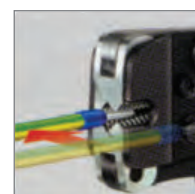


Automatic self-adjustment to the section of the end sleeves to be crimped

Insulated handles



Square crimping



Front or side crimping

Unless otherwise stated, all dimensions are in millimeters.



Hand Tool and Electric Machine to Crimp Chain Preinsulated End Sleeves

Hand crimping tool for end sleeves



0.5 to 2.5 mm²

- ✓ Cuts and strips wires and crimps end sleeves from 0.5 to 2.5 mm².
- ✓ Only one tool for 3 functions, which saves time.
- ✓ Crimps chain end sleeves by strips of 50 from 0.5 to 1.5 mm² sections and by strips of 40 for 2.5 mm² section.
- ✓ Crimps end sleeves in compliance with NF C 63-023 and DIN 46228 standards.
- ✓ Length: 210 mm.
- ✓ Weight: 0.260 kg.



Item
code

7500074

Part
No.

PZL025

The three operations are carried out without release of tool or wire

Stripping is carried out automatically without any adjusting



Fast adjusting of crimping barrel with marks of the selected section

Cutting and stripping of wires

Automatic lead of end sleeves

Electric machine to crimp end sleeves tape mounted



0.5 to 2.5 mm²

- ✓ Automatic stripping of PVC preinsulated wires and crimping of preinsulated end sleeves tape mounted from 0.5 to 2.5 mm².
- ✓ Crimping of end sleeves in compliance with NF C 63-023 and DIN 46228 standards.
- ✓ Dimensions: 165 x 270 x 320 mm.
- ✓ Weight of the electric machine: 12 kg.

Delivered with 5 loading units, 5 crimping inserts and 5 spare separator

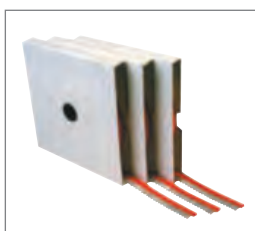
- ✓ Total weight: 12.260 kg.

Item
code

7490101

Part
No.

MC25



- ✓ Main supply: 220 V – 50 Hz
- ✓ Cycle: approx. 1.5 s
- ✓ Conductor size changing: approx. 10 s
- ✓ Counter: LCD display



CE

Unless otherwise stated,
all dimensions are in millimeters.



Pneumatic tool to crimp loose end sleeves

 0.25 to 2.5 mm²

- ✓ Crimps end sleeves from 0.25 to 2.5 mm².
- ✓ For production work.
- ✓ Safe and regular crimping.
- ✓ Universal die for sections from 0.25 to 2.5 mm².
- ✓ Crimping in compliance with the requirements of NF C 63-023 and DIN 46228 standards.
- ✓ Length: 190 mm.
- ✓ Diameter: 44 mm.
- ✓ Weight: 0.450 kg.

Item
code

7513001

Part
No.

AC25



- ✓ Processed steel grip
- ✓ Working pressure: 4 to 6 bars
- ✓ Body in black insulating material
- ✓ Light and ergonomic tool
- ✓ Axial and lateral lead



Front feed for the crimping of insulated or non insulated end sleeves



Side feed for a fast crimping with guiding cones of insulated end sleeves

Foot operated pneumatic tool to crimp loose end sleeves

 0.25 to 2.5 mm²

- ✓ Crimps end sleeves from 0.25 to 2.5 mm².
- ✓ Easy crimping for medium and large series.
- ✓ Dimensions: 135 x 200 x 75 mm.
- ✓ Weight: 1 kg.

Item
code

7513003

Part
No.

AC25T

- ✓ Working pressure: 4 to 6 bars
- ✓ Hands remain free for handling
- ✓ Foot operated





Pneumatic Tools

to Crimp Loose End Sleeves

Pneumatic tool to crimp loose end sleeves



4 to 10 mm²

- ✓ Crimps end sleeves from 4 to 10 mm².
- ✓ For production work.
- ✓ Safe and regular crimping.
- ✓ Universal die for sections from 4 to 10 mm².
- ✓ Crimping in compliance with the requirements of NF C 63-023 and DIN 46228 standards.
- ✓ Length: 190 mm.
- ✓ Diameter: 44 mm.
- ✓ Weight: 0.450 kg.

Item
code

7513002

Part
No.

AC100



- ✓ Processed steel grip
- ✓ Working pressure: 4 to 6 bars
- ✓ Body in black insulating material
- ✓ Light and ergonomic tool
- ✓ Lateral lead

Side feed for a
fast crimping
with guiding
cones of
insulated end
sleeves



Foot operated pneumatic tool to crimp loose end sleeves



4 to 10 mm²

- ✓ Crimps end sleeves from 4 to 10 mm².
- ✓ Easy crimping for medium and large series.
- ✓ Dimensions: 135 x 200 x 75 mm.
- ✓ Weight: 1 kg

Item
code

7513004

Part
No.

AC100T

- ✓ Foot operated
- ✓ Hands remain free for handling
- ✓ Working pressure: 4 to 6 bars



Unless otherwise stated,
all dimensions are in millimeters.

Hand Tool with Interchangeable Dies

to Crimp Non-Insulated Products and End Sleeves



Hand tool with interchangeable dies

- ✓ This hand tool can be used with all the dies described below.
- ✓ Length: 250 mm.
- ✓ Weight: 0.480 kg.

Item
code

7500058

Part
No.

061147V2



Insulated handles

Safety rack

8 interchangeable dies

Dies	Item code	Part No.	Non-insulated braided terminals  Section mm ²	Non-insulated tubular lugs  Section mm ²	Copper butt connectors  Section mm ²	Terminals and disconnects with open barrel  Section mm ²	Flag female disconnects with open barrel  Section mm ²	Preinsulated end sleeves  Section mm ²
	7513042	RQ0560	0.5 to 6 series : MB - BY	0.5 to 6 series : CT - CU	0.5 to 6 series : MJ - MP			
	7513043	RQ10	10 series : MB - BY	10 series : CT - CU	10 series : MJ - MP			
	7513044	RQ16	16 series : MB - BY	16 series : CT - CU	16 series : MJ and MP			
	7513046	RK1060		1 to 6 series : CT - CU	1 to 6 series : MJ and MP			
	7513045	RP0560				0.5 to 6		
	7513050	RP0421S					0.75 to 1	
	7513039	AH2560						0.25 to 6
	7513065	AH6016						6, 10 and 16

Unless otherwise stated,
all dimensions are in millimeters.



Pneumatic Tooling

To Crimp Preinsulated or Non-insulated Products

Pneumatic jack for crimping

- ✓ This jack can be used either with T2 head for preinsulated products or T-WDT head with interchangeable dies (see below and on the following page).
- ✓ Length: 270 mm.
- ✓ Diameter: 45 mm.
- ✓ Weight: 0.750 kg.

Air consumption:
400 – 600 cm³

Working
pressure:
7 bars

Complete
security of
locking system

Item
code

7513037

Part
No.

AIROVS

Complementary equipment :

- ✓ Support for stationary work function with foot control.

Item
code

7513036

Part
No.

TAP92



Pneumatic jack for crimping



0.34 to 6 mm²

- ✓ Crimping head for preinsulated products from 0.34 to 6 mm².
- ✓ 3 crimping indents (red, blue, yellow).
- ✓ Double indent dies enabling crimping and binding in only one operation.
- ✓ To set up on the pneumatic jack AIRVOS (see above).

Item
code

7513035

Part
No.

T2

Standard
stopper for
terminals and
disconnects



Unless otherwise stated,
all dimensions are in millimeters.

Pneumatic Tooling

for the Crimping of Preinsulated or Non-insulated Products



Crimping head

- ✓ Crimping head with interchangeable dies.
- ✓ Single head receiving all dies bellow.
- ✓ To set up on the pneumatic jack AIROVS (see previous page).

Item
code

7513041

Part
No.

TWDT



6 interchangeable dies

Dies	Item code	Part No.	Non-insulated brazed terminals  Section mm ²	Non-insulated tubular lugs  Section mm ²	Copper butt connectors  Section mm ²	Preinsulated end sleeves  Section mm ²
	7513042	RQ0560	0.5 to 6 series : MB - BY	0.5 to 6 series : CT - CU	0.5 to 6 series : CT - CU	
	7513043	RQ10	10 series : MB - BY	10 series : CT - CU	10 series : CT - CU	
	7513044	RQ16	16 series : MB - BY	16 series : CT - CU	16 series : CT - CU	
	7513046	RK1060		1 to 6 series : CT - CU	1 to 6 series : CT - CU	
	7513039	AH2560				0.25 to 6
	7513065	AH6016				6, 10 and 16

Unless otherwise stated,
all dimensions are in millimeters.



Pneumatic Compression Tool

to Crimp Preinsulated Products, End Sleeves,
Disconnects with Open Barrel...

Pneumatic compression tool for crimping

FORCE 120 kN



- ✓ Crimping of loose connections (insulated, end sleeves, disconnects with closed or open barrel, etc.).
- ✓ Other crimping or applications: cutting of materials, punching... consult us.
- ✓ Stroke: 38 mm.
- ✓ Weight: 16 kg.

Item
code

7513019

Part
No.

S1200T

Quick
change
of tooling

Safety
guard



Working
pressure
6 bars

Examples of interchangeable dies

- ✓ Dies for end sleeves from 0.5 to 16 mm².

Item
code

7513030

Part
No.

D200

- ✓ Dies for red, blue and yellow preinsulated connections.

Item
code

7513032

Part
No.

D300R

- ✓ Locator for D 300 R.

Item
code

7513010

Part
No.

BPD300R



Unless otherwise stated,
all dimensions are in millimeters.

Mechanical Hand Tools

to Crimp Brazed Terminals, Non-insulated and Preinsulated Tubular Lugs, Copper Butt connectors



Indent crimping hand tool

0.5 to 10 mm²

- ✓ Indent crimping of brazed terminals and tubular lugs CT and CU series from 0.5 to 10 mm².
- ✓ Length: 272 mm.
- ✓ Weight: 0.490 kg.

Item code 7500067 Part No. MB524P



PVC insulated handles

Safety rack

Indent crimping hand tool

10 to 35 mm²

- ✓ Indent crimping of brazed terminals and tubular lugs CT and CU series from 10 to 35 mm².
- ✓ Length: 340 mm.
- ✓ Weight: 0.810 kg.

Item code 7500056 Part No. MB526



PVC insulated handles

Safety rack

Indent crimping hand tool

6 to 70 mm²

- ✓ Indent crimping of brazed terminals and tubular lugs CT and CU series and preinsulated tubular lugs PR...CU series from 6 to 70 mm².
- ✓ Length: 470 mm.
- ✓ Weight: 2 kg.
- ✓ For non-insulated tubular lugs from 6 to 70 mm².

Item code 7501681 Part No. MY70M

- ✓ For preinsulated tubular lugs from 10 to 70 mm².

Item code 7501682 Part No. MY70ME



Industrial type with die adjustment by screw and vernier.

Unless otherwise stated, all dimensions are in millimeters.



Mechanical Hand Tools to Crimp Brazed Terminals, Non-insulated and Preinsulated Tubular Lugs, Copper Butt Connectors

Indent crimping hand tool

10 to 120 mm²

- ✓ Indent crimping of brazed terminals and tubular lugs CT and CU series and preinsulated tubular lugs PR...CU series.
- ✓ Length: 580 mm.
- ✓ Weight: 3.700 kg.
- ✓ For non-insulated tubular lugs from 10 to 120 mm².

Item code 7501683

Part No. MY2913GE2

- ✓ For preinsulated tubular lugs from 10 to 95 mm².

Item code 7501685

Part No. MY287



Industrial type with die adjustment by screw and vernier.

Hexagonal crimping hand tool

6 to 50 mm²

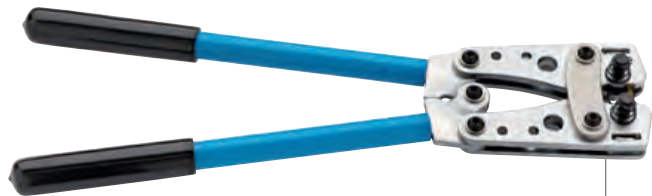
- ✓ Hexagonal crimping from 6 to 50 mm² tubular lugs and copper butt connectors (CT, CU, DE, YCA series).
- ✓ Length: 400 mm.
- ✓ Weight: 1.305 kg.
- ✓ **Box on request:**
Item code: 7503153 / Part number: CMTN50HX
- ✓ Weight: 3.700 kg.

Item code

Part No.

For lugs series

7503151	TN50HX	CT
7503150	TN50HXCUCU	CU
7503157	TN50HXDYCA	YCA
7503155	TN50HXDE	DE



Conductor size adjustment by rotating dies

Hexagonal crimping hand tool

6 to 120 mm²

- ✓ Hexagonal crimping of tubular lugs and copper butt connectors (CT, CU, DE, YCA series) from 6 to 120 mm², except: TN 120 HXD from 10 to 120 mm².
- ✓ Length: 660 mm.
- ✓ Weight: 3 kg.

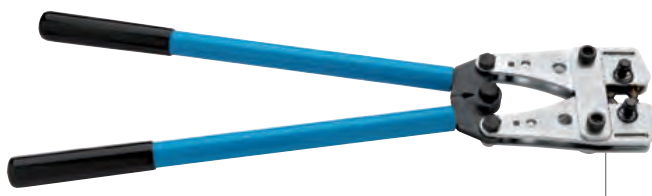
- ✓ **Box on request:**
Item code: 7503154 / Part number: CMTN120HX

Item code

Part No.

For lugs series

7503152	TN120HX	CT
7503149	TN120HXCUCU	CU
7503158	TN120HXDYCA	YCA
7503156	TN120HXDE	DE



Conductor size adjustment by rotating dies

Unless otherwise stated, all dimensions are in millimeters.

Mechanical Hand Tools to Crimp Brazed Terminals, Non-insulated Tubular Lugs and Copper Butt Connectors



Double indent crimping hand tool

- ✓ Crimping of tubular lugs and copper butt connectors from 10 to 50 mm².

Item code 7506051 Part No. MRD26T4CM

- ✓ Crimping of non-insulated brazed terminals (MB and BY) from 6 to 35 mm².

Item code 7506052 Part No. MRD26T2CM

- ✓ Length: 300 mm.
- ✓ Weight: 1.300 kg.



Delivered in metal box

10 to 50 mm²

6 to 35 mm²

FORCE 25 kN

Opening head

Double indent crimping hand tool

Can be operated with one hand

Quick lead system of the punch and swiveling die

Hexagonal crimping hand tool

- ✓ Crimping of tubular lugs and copper butt connectors from 6 to 70 mm² CT series.
- ✓ Length: 270 mm.
- ✓ Weight: 1.200 kg.
- ✓ Hexagonal dies in half-shell.

Item code	Part No.	Sections mm ²
7506135	D2HCU6	6
7506140	D2HCU10	10
7506150	D2HCU16	16
7506160	D2HCU25	25
7506170	D2HCU35	35
7506180	D2HCU50	50
7506190	D2HCU70	70

Item code 7506130 Part No. MRD26T*

Opening head Hexagonal crimping

Can be operated with one hand

Quick lead system

Delivered in metal box

* Please advise the part number of the punch and dies when ordering.

Unless otherwise stated, all dimensions are in millimeters.



35 kN Hydraulic Hand Compression Tool

to Crimp Tubular Lugs and Copper Butt Connectors

Hydraulic hand compression tool HVD35



FORCE 35 kN

- ✓ Light and ergonomic hydraulic hand compression tool enabling the crimping (with one hand) of copper tubular lugs and butt connectors CT series from 4 to 150 mm² and YCA series from 6 to 70 mm².
- ✓ Dimensions: 215 x 50 x 175 mm.
- ✓ Weight: 1.370 kg.

Fast closing and opening head rotates through 360°

Ram return by decompression lever

Single gear pump

Automatic release with audible click when the 35 kN power is reached

Tool delivered with a plastic box with space for 10 sets of dies.

Item code

7500650

Part No.

HVD35

Hexagonal dies for lugs and butt connectors NFC 20130, DIN-EN 61238-1 and DIN 46235

CT series			DE series			YCA series		
Item code	Part No.	Sections mm ²	Item code	Part No.	Sections mm ²	Item code	Part No.	Sections mm ²
7500621	D35HCU4	4	-	-	4	-	-	4
7500652	D35HCU6	6	7500670	D35R6	6	7500639	D35K5	6
7500653	D35HCU10	10	7500671	D35R10	10	7500640	D35K6	10
7500654	D35HCU16	16	7500672	D35R16	16	7500641	D35K8	16
7500655	D35HCU25	25	7500673	D35R25	25	7500644	D35K10	25
7500656	D35HCU35	35	7500674	D35R35	35	7500642	D35K12	35
7500657	D35HCU50	50	7500675	D35R50	50	7500645	D35K14	50
7500658	D35HCU70	70	7500676	D35R70	70	7500643	D35K16	70
7500659	D35HCU95	95	7500677	D35R95	95	-	D35K18	95
7500660	D35HCU120	120	7500678	D35R120	120	-	-	120
7500661	D35HCU150	150	7500679	D35R150	150	-	-	150

Unless otherwise stated, all dimensions are in millimeters.

50 kN Mechanical Hand Compression Tool

to Crimp Tubular Lugs, Connectors and Butt Connectors

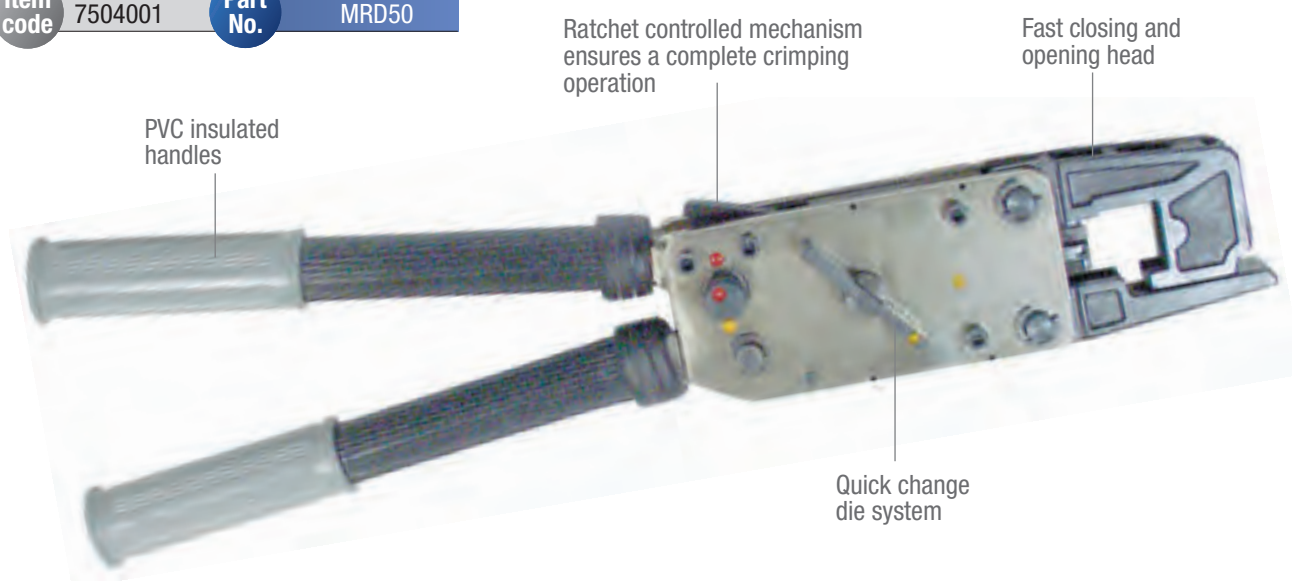


Mechanical hand compression tool MRD50

FORCE 50 kN

- ✓ Mechanical hand compression tool for a crimping with interchangeable single sided or reversible dies (see the tables on page 263).
- ✓ Length: 420 mm.
- ✓ Weight: 2 kg.

Item code 7504001 Part No. MRD50



Additional equipment:

- ✓ Gauge.

- ✓ Box.

Item code 7504003 Part No. PGM1

Item code 7504002 Part No. CMMRD50

Dies and crimping capacity

Part No.	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors For Al/Cu non-insulated networks	Al/Cu cable rounding
						
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
D5HCU...	4 to 120	C6 to C35	-	-	-	-
D5ECU...	6 to 150	-	-	-	-	-
D5R	6 to 150	-	-	-	-	-
D5K	10 to 120	-	-	-	-	-
D5E...	-	-	35 to 120	6 to 120	93.3 max.	-
D5MR	-	-	-	-	-	25 to 150



Unless otherwise stated, all dimensions are in millimeters.



50 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Butt Connectors and other Connectors

EID50KCM electro-hydraulic compression tool

FORCE 50 kN

- ✓ "Stick" electro-hydraulic compression tool for an optimal ergonomy.
- ✓ Battery tool for a greater efficiency and in complete safety.
- ✓ Automatic piston return and engine stop when the crimping has been completed.
- ✓ Hand ram return in approach phase.
- ✓ Dimensions: 400 x 125 x 82 mm.
- ✓ Weight: 2.380 kg.

BLUE EXPERT



Easy head opening



Nickel plated head rotates through 360°



Ergonomic handling thanks to the STICK shape and the bi-material cushion handle



Service indicator lights informing about the battery charge level and service control if necessary



Lithium-Ion 18V - 1.5 Ah battery with built-in charge indicator light

Without memory effect, this battery is 30% lighter than more commonly used batteries



Integrated electronics enabling to control the operating parameters with warning lights and USB interface



- ✓ Interchangeable simple or reversible compression dies
- ✓ Die ball locking system

Unless otherwise stated, all dimensions are in millimeters.

50 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Butt Connectors and other Connectors



EID50KCM electro-hydraulic compression tool kit

A USB interface allows a computer to trace the tool usage history (number of compressions, warranty date, curve of each compression...) using dedicated software delivered with the tool. This technology is extremely useful for service and control purposes. Tool memory capacity: 1 Gb.

Item
code

7512152

Part
No.

EID50KCM

Kit composition

- ✓ 1 EID 50 electro-hydraulic compression tool.
- ✓ 1 Li-Ion battery 18 V 1.5 Ah.
- ✓ 1 battery charger
- ✓ 1 metallic carry case with soft foam protective liner.
- ✓ CD-ROM software and USB cable connection.
- ✓ User manual

- ✓ Dimensions: 485 x 415 x 110 mm.
- ✓ Weight: 7.750 kg.

Additional equipment for EID50KCM:

Li-Ion batteries

- ✓ Lithium-Ion.
- ✓ 18 V – 1.5 Ah.
- ✓ Weight: 0.415 kg.

Item
code

7512154

Part
No.

BL1815I



Fast charger

- ✓ Charging time: 30 mn.
- ✓ Charging current: 3A.
- ✓ Mains voltage: 220/240 V (50/60 Hz).

Item
code

7512153

Part
No.

CH1830HC



Dies and crimping capacity

	Brazed terminals	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Al/Cu cable rounding
							
Part No.							
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
D5HCU...	-	4 to 150	C6 to C35	-	-	-	-
D5ECU...	-	6 to 150	-	-	-	-	-
D5R	-	6 to 150	-	-	-	-	-
D5K	-	10 to 120	-	-	-	-	-
D5E...	-	-	-	35 to 120	6 to 150	93.3 max.	-
D5MUJ...	6 to 120	-	-	-	-	-	-
D5MR	-	-	-	-	-	-	25 to 150

Unless otherwise stated, all dimensions are in millimeters.



50 kN Cordless Electro-hydraulic Compression Tool to Crimp Tubular Lugs, Splices and other Connectors

ESD50 electro-hydraulic compression tool

FORCE 50 kN

- ✓ Output force: 50 kN
- ✓ Stroke: 13 mm
- ✓ Autonomy: 200 to 500 crimping operations with battery 4.0 Ah
- ✓ Cycle time: 2 to 4 s depending on the section
- ✓ Dimensions: 350 x 310 x 72 mm
- ✓ Weight: 4.0 kg (including the battery)

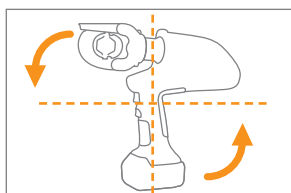
New features:

- ✓ Electronic control of the cycle.
- ✓ Return programming according to the user, either automatic or manual.
- ✓ Automatic or manual return stroke.
- ✓ Automatic stop at the end of the cycle.
- ✓ 2-stage hydraulic pump with pilot-operated valve which increases efficiency between 20 and 40%.
- ✓ Return sound signal.
- ✓ New PC software for diagnosis and analysis of data.



Faster and longer

THE TOOL POWER 2



Optimum ergonomics thanks to the balance of the tool. Can be used by right or left-handed people.



Comfortable and accurate handling thanks to the shape and the materials used in the handle.



Electronic controlled function parameters, warning lights and USB interface



Service indicator lights informing about the battery charge level and service control if necessary



180° swiveling nickel-plated head



Easy head opening



With this software, it is possible to configure the tool, record the crimping data and analyze the cycles already done.



Lithium-ion 18 V battery with increased life expectancy and without any memory effect.

50 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Splices and other Connectors



ESD50 electro-hydraulic compression tool kit

Kit composition

- ✓ Crimping tool
 - ✓ 2 batteries 18 V / 4 Ah
 - ✓ Charger 220 V
 - ✓ Metallic carry case
- (Space for 12 sets D5 + 7 sets D5MR)

PN : ESD50
PN : BL1840
PN : CLM1890HC
PN : CMESD50

Item code 7519425 Part No. ESD50K1BLCM

Dies



Additional equipment for ESD50:

Fast charger

Charger with display which identifies the state of the battery and the conditions of load.

- ✓ Charging time: 36 min
- ✓ Weight: 0.85 Kg
- ✓ Voltage: 220-240 V AC
- ✓ Plug: Standard EU, others on request



Item code 7519430 Part No. CLM1890HC

Metallic carry case

- ✓ Ideal for transport and storage.
- ✓ Adapted to each model.

Item code 7519431 Part No. CMESD50

Battery

Li-Ion technology without memory effect

- ✓ Voltage: 18 V
- ✓ Capacity: 4.0 Ah
- ✓ Weight: 0.64 Kg



Item code 7519429 Part No. BL1840



Dies and crimping capacity

	Brazed terminals	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Al/Cu cable rounding
							
							
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
D5HCU...	-	4 to 150	C6 to C35	-	-	-	-
D5ECU...	-	6 to 150	-	-	-	-	-
D5R	-	6 to 150	-	-	-	-	-
D5K	-	10 to 120	-	-	-	-	-
D5E...	-	-	-	35 to 120	6 to 120	93.3 max.	-
D5MUJ...	6 to 120	-	-	-	-	-	-
D5MR	-	-	-	-	-	-	25 to 150



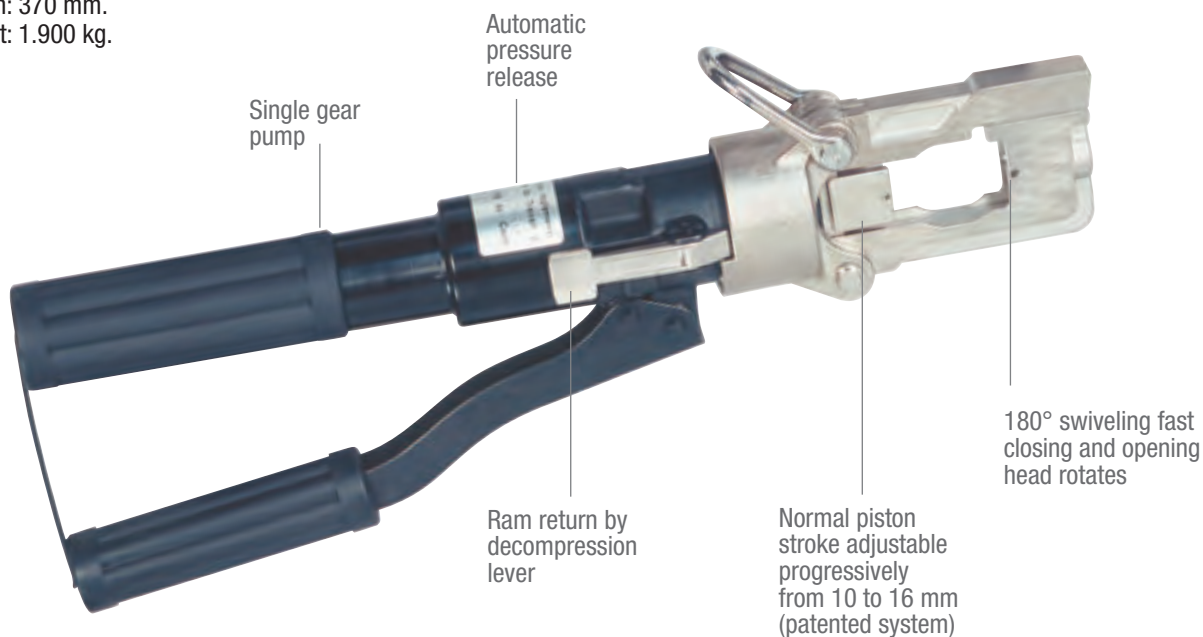
50 kN Hydraulic Hand Compression Tool

to Crimp Tubular Lugs, Splices and other Connectors

HVD51 Hydraulic hand compression tool

FORCE 50 kN

- ✓ Mechanical hand compression tool for a crimping with interchangeable single sided or reversible dies.
- ✓ Length: 370 mm.
- ✓ Weight: 1.900 kg.



Item code 7512805

Part No. HVD51

Additional equipment:

- ✓ Inspection dynamometer.

- ✓ Box.

Item code 7512089

Part No. DY50-65CM

Item code 7512806

Part No. CPHVD51

Dies and crimping capacity

	Brazed terminals	Non-insulated tubular lugs and butt connectors	"C" type Connectors	Al/Cu industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Al/Cu cable rounding
Part No.							
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
D5HCU...	-	4 to 150	C6 to C35	-	-	-	-
D5ECU...	-	6 to 150	-	-	-	-	-
D5R	-	6 to 150	-	-	-	-	-
D5K	-	10 to 120	-	-	-	-	-
D5E...	-	-	-	35 to 120	6 to 120	93.3 max.	-
D5MUJ...	6 to 120	-	-	-	-	-	-
D5MR	-	-	-	-	-	-	25 to 150



Unless otherwise stated, all dimensions are in millimeters.

Crimping Dies

for Compression Tools MRD50 - HVD51 - ESD50 - EID50



Dies for tubular lugs and copper butt connectors

Dies	mm ²	CT Series		CU Series		DE Series		YCA Series	
		Item code	Part No.	Item code	Part No.	Item code	Part No.	Item code	Part No.
	4	7504132	D5HCU4-120	-	-	-	-	-	-
	6	7504111	D5HCU6-35	7519146	D5ECU6-35	7507745	D5R6-35	-	-
	10	7504121	D5HCU10-50	7519147	D5ECU10-50	7507746	D5R10-50	7507440	D5K6-16
	16	7504101	D5HCU16-70	7519148	D5ECU16-70	7507747	D5R16-70	7507441	D5K8-12
	25	7504131	D5HCU25-95	7519149	D5ECU25-95	7507748	D5R25-95	7507442	D5K10-14
	35	7504111	D5HCU6-35	7519146	D5ECU6-35	7507745	D5R6-35	7507441	D5K8-12
	50	7504121	D5HCU10-50	7519147	D5ECU10-50	7507746	D5R10-50	7507442	D5K10-14
	70	7504101	D5HCU16-70	7519148	D5ECU16-70	7507747	D5R16-70	7507440	D5K6-16
	95	7504131	D5HCU25-95	7519149	D5ECU25-95	7507748	D5R25-95	7507443	D5K18
	120	7504132	D5HCU4-120	7519145	D5ECU120	7507749	D5R120	7507444	D5K20
	150	7504133	D5HCU150*	7519150	D5ECU150*	7507750	D5R150*	-	-

Dies for non-insulated brazed terminals MB and BY series (except compression tool MRD50)

Dies	mm ²	Item code	Part No.	Item code	Part No.
	6	7507675	D5MUJ6-8	7507676	D5PUJ6-8
	10	7507675	D5MUJ6-8	7507676	D5PUJ6-8
	16	7507662	D5MUJ14-80	7507664	D5PUJ14
	25	7507670	D5MUJ22-70	7507672	D5PUJ22-60
	35	7507671	D5MUJ38-60	7507672	D5PUJ22-60
	50	7507671	D5MUJ38-60	7507672	D5PUJ22-60
	70	7507670	D5MUJ22-70	7507673	D5PUJ70
	95	7507662	D5MUJ14-80	7507665	D5PUJ80-100
	120	7507663	D5MUJ100	7507665	D5PUJ80-100

Dies for "C" tap-off connectors

Dies	Fittings	Item code	Part No.
	C 6	7504101	D5HCU16-70
	C 10	7504131	D5HCU25-95
	C 16	7504101	D5HCU16-70
	C 25-10	7504131	D5HCU25-95
	C 25 PM	7504131	D5HCU25-95
	C 25	7507250	D5E173(5)
	C 35	7507250	D5E173(5)

Dies for insulated networks

Dies	Grooves reference	Item code	Part No.
	E 140	7507280	D5E140-173
	E 173	7507280	D5E140-173
	E 215	7507285	D5E215*
Indent width: 9 mm			

Dies for Al/Cu cable rounding

Dies	mm ²	Item code	Part No.
	25	7507698	D5MR25
	35	7507699	D5MR35
	50	7507700	D5MR50
	70	7507710	D5MR70
	95	7507720	D5MR95
	120	7507730	D5MR120
	150	7507740	D5MR150*

Hexagonal dies for network connectors

Non insulated copper lines, copper and heterogeneous conductors

Dies	Grooves reference	Item code	Part No.
	E 54 cuivre	7507400	D5E54-100
	E 68 cuivre	7507410	D5E68-83
	E 72 cuivre	7507415	D5E72-120
	E 83 cuivre	7507410	D5E68-83
	E 100 cu/alu	7507400	D5E54-100**
	E 120 cu/alu	7507415	D5E72-120**
	E 173 cu/alu	7507280	D5E140-173**
Indent width: 9 mm			

Dies for Al/Cu lugs, hexagonal compression type

Dies	mm ²	Item code	Part No.
	35	7507280	D5E140-173
	50	7507280	D5E140-173
	70	7507280	D5E140-173
	95	7507280	D5E140-173
	120	7507280	D5E140-173
Indent width: 9 mm			

Note:

Values in yellow: side of the die to be used.

* : only for HVD51 and ESD50 compression tools.

** : only for copper conductors.

Unless otherwise stated,
all dimensions are in millimeters.



Electro-hydraulic crimping tools

Electro hydraulic crimping tool EIG 20

OUTPUT FORCE
19 kN

- ✓ Electro-hydraulic crimping tool compact equipped with 18,0V 1,5Ah battery.
- ✓ Versatile tool with interchangeable crimping jaws by simple pinning.
- ✓ Electronic PCB that controls tool operation, stops the motor at end of the crimping, records the cycle parameters and control the automatic return of the piston. This communicating card is equipped with a mini USB connector that allows connection to a PC.
- ✓ Tool equipped with a pressure sensor in order to improve work precision.
- ✓ Output Force : 19 kN (up to 62kN in jaw).
- ✓ Crimping capacity : 400 mm² Copper.
- ✓ Pinning head for G2 jaws.
- ✓ Head rotation : 360°.
- ✓ Autonomy : N/A.
- ✓ Cycle time crimping : 3 to 4 s depending on cable.
- ✓ Length x width x height : 485 x 115 x 85 mm.
- ✓ Weight : 3,6 kg (battery and jaw included).
- ✓ Temperature of operation : -10°C à +40°C.

Kit contents :

EIG20 crimping tool
+ 1 battery 18V 1,5Ah BL1815I
+ charger 220V CL1830HC
+ metallic carrying case CMEIG20
(accepts 6 jaws)

Jaws are ordered separately

Item
code

7519442

Part
No.

EIG20KBLCM



Unless otherwise stated,
all dimensions are in millimeters.



Additional equipment:

- ✓ Accessories to be ordered separately.



Jaws G2..

Item
code

Part
No.

7519444	G2OD3	G2 jaw with O and D3 profiles
7519445	G2BGD3	G2 jaw with BG and D3 profiles
7519446	G2D3	G2 jaw with D3 profile

Metallic carry case



Item
code

7519448

Part
No.

CMEIG20

Li-Ion batteries

- ✓ Lithium-Ion.
- ✓ 18 V – 1.5 Ah.
- ✓ Weight: 0.415 kg.



Item
code

7512154

Part
No.

BL1815I

Fast charger

- ✓ Charging time: 30 mn.
- ✓ Charging current: 3A.
- ✓ Mains voltage: 220/240 V (50/60 Hz).



Item
code

7512153

Part
No.

CH1830HC

Unless otherwise stated,
all dimensions are in millimeters.



60 kN Cordless Electro-hydraulic Compression Tool to Crimp Tubular and Al/Cu Lugs and Butt Connectors

ESDC60 electro-hydraulic compression tool

FORCE 60 kN

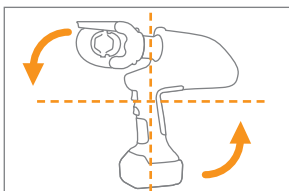
- ✓ Output force: 60 kN
- ✓ Stroke: 17 mm
- ✓ Autonomy: 180 to 450 crimping operations with battery 4.0 Ah
- ✓ Cycle time: 2 to 5 s depending on the section
- ✓ Dimensions: 350 x 315 x 72 mm
- ✓ Weight: 4.5 kg (including the battery)

New features:

- ✓ Electronic control of the cycle.
- ✓ Return programming according to the user, either automatic or manual.
- ✓ Automatic or manual return stroke.
- ✓ Automatic stop at the end of the cycle.
- ✓ 2-stage hydraulic pump with pilot-operated valve which increases efficiency between 20 and 40%.
- ✓ Return sound signal.
- ✓ New PC software for diagnosis and analysis of data.



THE TOOL POWER 2



Optimum ergonomics thanks to the balance of the tool. Can be used by right or left-handed people.



Comfortable and accurate handling thanks to the shape and the materials used in the handle.



Electronic controlled function parameters, warning lights and USB interface



Service indicator lights informing about the battery charge level and service control if necessary



180° swiveling nickel-plated head



Easy head opening



With this software, it is possible to configure the tool, record the crimping data and analyze the cycles already done.



Lithium-ion 18 V battery with increased life expectancy and without any memory effect.

Unless otherwise stated, all dimensions are in millimeters.

60 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular and Al/Cu Lugs and Butt Connectors



ESDC60 electro-hydraulic compression tool kit

Kit composition

- ✓ Crimping tool
- ✓ 2 batteries 18 V / 4 Ah
- ✓ Charger 220 V
- ✓ Metallic carry case (Space for 23 sets C6)

PN : ESDC60
PN : BL1840
PN : CLM1890HC
PN : CMESDC60

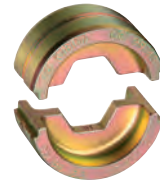
Item
code

7519426

Part
No.

ESD60K1BLCM

Dies



Additional equipment for ESDC60:

Fast charger

Charger with display which identifies the state of the battery and the conditions of load.

- ✓ Charging time: 36 min
- ✓ Weight: 0.85 Kg
- ✓ Voltage: 220-240 V AC
- ✓ Plug: Standard EU, others on request



Metallic carry case

- ✓ Ideal for transport and storage.
- ✓ Adapted to each model.

Item
code

7519430

Part
No.

CLM1890HC

Item
code

7519432

Part
No.

CMESD60

Battery

Li-Ion technology without memory effect

- ✓ Voltage: 18 V
- ✓ Capacity: 4.0 Ah
- ✓ Weight: 0.64 Kg



Item
code

7519429

Part
No.

BL1840



Dies and crimping capacity

	Brazed terminals	Tubular lugs DIN 57295	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Al/Cu cable rounding
						
						
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
C6HCU...	-	-	6 to 300	C6 to C35	-	-
C6K.../C6 R...	-	-	6 to 240	-	-	-
C6ECU...	-	-	6 to 240	-	-	-
C6F...	-	10 to 185	-	-	-	-
C6DMB	10 to 120	-	-	-	-	-
C6E...	-	-	-	-	35 to 300	-
C6DR...	-	-	-	-	-	10 to 240

Unless otherwise stated, all dimensions are in millimeters.



60 kN Connectable Hydraulic Hand Compression Tools to Crimp Tubular Lugs, Al/Cu Lugs and Butt Connectors

Hydraulic hand compression tool HDC61CP

FORCE 60 kN

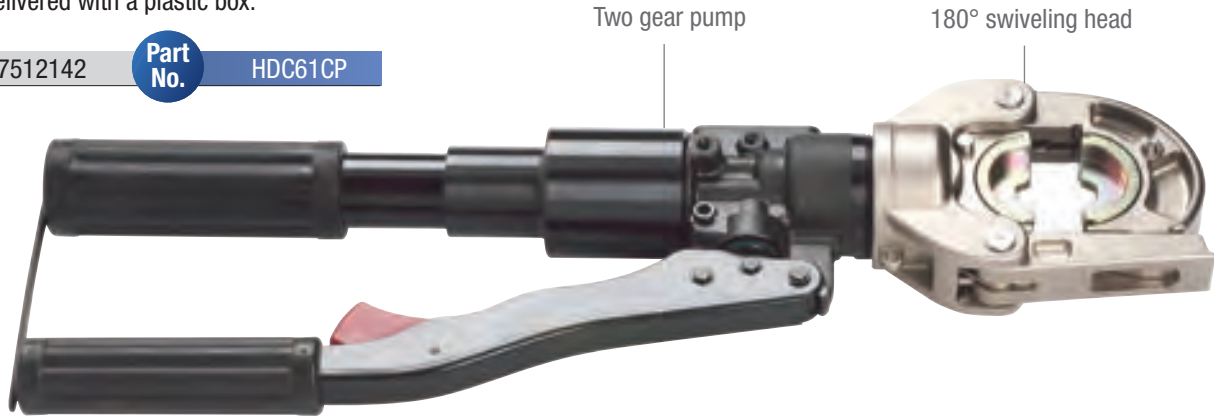
- ✓ Length: 435 mm.
- ✓ Weight: 2.800 kg.
- ✓ Delivered with a plastic box.

Item
code

7512142

Part
No.

HDC61CP



Hydraulic quick release compression head SDC60

FORCE 60 kN

Mechanical hand compression tool which can be connected to pumps and hydraulic group.

- ✓ Length: 258 mm.
- ✓ Weight: 1.700 kg.

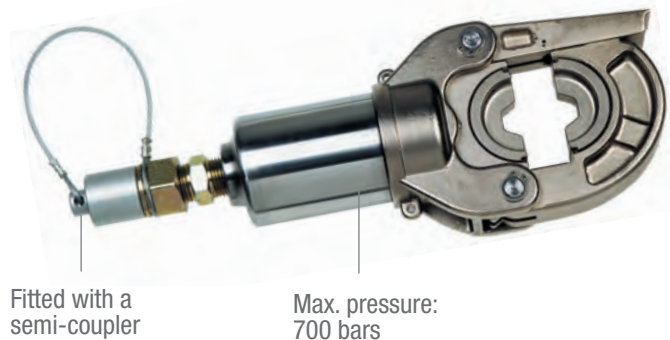
Type of coupler to be indicated on the purchase order:
see page 296.

Item
code

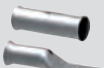
7512112

Part
No.

SDC60



Crimping dies and capacity of compression tools HDC61CP and SDC60

	Brazed terminals	Tubular lugs DIN 57295	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Al/Cu cable rounding
						
						
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
C6HCU...	-	-	6 to 300	C6 to C35	-	-
C6ECU...	-	-	6 to 240	-	-	-
C6R.../C6K...	-	-	6 to 300	-	-	-
C6F...	-	10 to 185	-	-	-	-
C6DMB...	10 to 120	-	-	-	-	-
C6E...	-	-	-	-	35 to 300	-
C6DR...	-	-	-	-	-	10 to 240

Additional equipment:

- ✓ Metal box for hydraulic hand tool SDC 60

Item
code

7512141

Part
No.

CMSDC60



Unless otherwise stated,
all dimensions are in millimeters.

Crimping Dies

for Tools ESDC60, HDC61CP and SDC60



Dies	mm ²	CT Series		CU Series		DE Series		YCA Series	
		Item code	Part No.	Item code	Part No.	Item code	Part No.	Item code	Part No.
	6	7511289	C6HCU6	7511317	C6ECU6	7511351	C6R6	7511301	C6K5-5
	10	7511280	C6HCU10	7511318	C6ECU10	7511352	C6R10	7511302	C6K6-5
	16	7511283	C6HCU16	7511319	C6ECU16	7511353	C6R16	7511303	C6K8-5
	25	7511286	C6HCU25	7511320	C6ECU25	7511354	C6R25	7511304	C6K10-5
	35	7511287	C6HCU35	7511321	C6ECU35	7511355	C6R35	7511305	C6K12-5
	50	7511288	C6HCU50	7511322	C6ECU50	7511356	C6R50	7511306	C6K14-5
	70	7511290	C6HCU70	7511323	C6ECU70	7511357	C6R70	7511307	C6K16-5
	95	7511291	C6HCU95	7511324	C6ECU95	7511358	C6R95	7511308	C6K18-5
	120	7511281	C6HCU120	7511325	C6ECU120	7511359	C6R120	7511309	C6K20-5
	150	7511282	C6HCU150	7511326	C6ECU150	7511360	C6R150	7511310	C6K22-5
	185	7511284	C6HCU185	7511327	C6ECU185	7511361	C6R185	7511311	C6K25-5
	240	7511285	C6HCU240	7511328	C6ECU240	7511362	C6R240	7511312	C6K28-5
	300	7511292	C6HCU300	-	-	7511363	C6R300	7511313	C6K32-5

Dies for copper tubular lugs for flexible cables: DEF Series

Dies	mm ²	Item code	Part No.
	10	7511401	C6F10
	16	7511402	C6F16
	25	7511403	C6F25
	35	7511404	C6F35
	50	7511405	C6F50
	70	7511406	C6F70

Dies for brazed terminals: MB and BY Series

Dies	mm ²	Item code	Part No.
	10	7511470	C6DMB10
	16	7511471	C6DMB16
	25	7511472	C6DMB25
	35	7511473	C6DMB35
	50	7511474	C6DMB50
	70	7511475	C6DMB70
	95	7511476	C6DMB95
	120	7511477	C6DMB120

Dies for "C" type connectors

Dies	Fittings	Item code	Part No.
	C 6	7511283	C6HCU16
	C 10	7511286	C6HCU25
	C 16	7511290	C6HCU70
	C 25-10	7511291	C6HCU95
	C 25 PM	7511291	C6HCU95
	C 25	7511550	C6E173(5)
	C 35	7511550	C6E173(5)

Hexagonal dies for Al/Cu industrial lugs

Dies	mm ²	Item code	Part No.
	35-50	7511551	C6E140
	70-95-120	7511552	C6E173
	150-185-240	7511554	C6E235
	300	7511556	C6X260

Dies for Al/Cu cable rounding:

Dies	Massive cores mm ²	Cabled cores mm ²	Item code	Part No.
	-	10	7511451	C6DR10
	-	16	7511452	C6DR16
	35	25	7511453	C6DR35-25
	50	35	7511454	C6DR50-35
	70	50	7511455	C6DR70-50
	95	70	7511456	C6DR95-70
	120	95	7511457	C6DR120-95
	150	120	7511458	C6DR150-120
	185	150	7511459	C6DR185-150
	240	185	7511460	C6DR240-185
	300	240	7511461	C6DR300-240

Hexagonal dies for insulated networks

Dies	Grooves	Item code	Part No.
	E 140	7511551	C6E140
	E173	7511552	C6E173
	E 215	7511553	C6E215

Unless otherwise stated,
all dimensions are in millimeters.



70 to 80 kN Hand Mechanical and Hydraulic Tools

to Crimp Tubular Lugs, Al/Cu, Splices and other Connectors

Mechanical hand tool MRH70

FORCE 70 kN

- ✓ Length: 685 mm.
- ✓ Weight: 4.600 kg.

Item code 7504011 Part No. MRH70

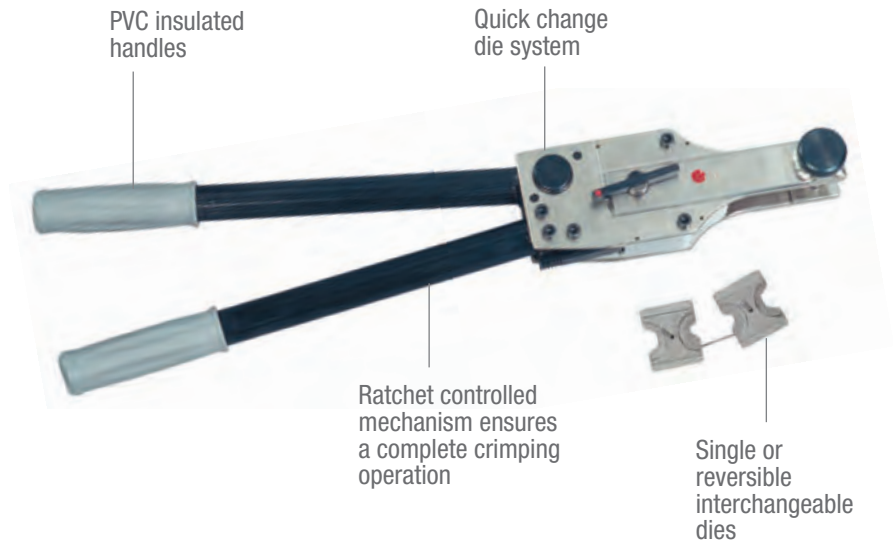
Additional equipment:

- ✓ Box on request

Item code 7504012 Part No. CMMRH70

- ✓ Inspection possibility with gauge

Item code 7504013 Part No. PGM2



Hydraulic hand tool HH80

FORCE 80 kN

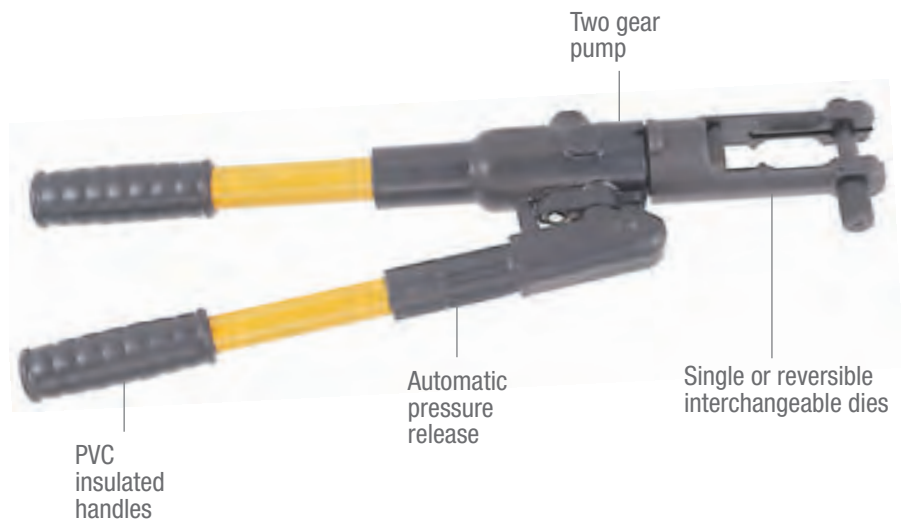
- ✓ Length: 590 mm.
- ✓ Weight: 4.900 kg.

Item code 7512801 Part No. HH80

Additional equipment:

- ✓ Box on request

Item code 7512802 Part No. CMHH80



Unless otherwise stated,
all dimensions are in millimeters.

80 kN Connectable Hydraulic Hand Compression Tool

to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors



Cordless hydraulic hand tool SH80CM

FORCE 80 kN

- ✓ Mechanical hand tool connectable to hydraulic pumps 700 bars: see pages 292 to 294.
- ✓ Length: 210 mm.
- ✓ Weight: 2.350 kg.

Please indicate the type of coupler when ordering: see page 296.



Delivered in metal box.



Fitted with a semi-coupler

Max. pressure: 700 bars

Item code 7510101 Part No. SH80KCM

Item code 7510102 Part No. SH80ECM

Item code 7510103 Part No. SH80XCM

Dies and crimping capacity for compression tools MRH70, HH80 and SH80CM

	Brazed terminals	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Al/Cu cable rounding
Part No.							
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
H8HCU...	-	6 to 240	C6 - C50	-	-	-	-
H8ECU...	-	6 to 240	-	-	-	-	-
D8MUJ...	6 to 120	-	-	-	-	-	-
H8E...	-	-	-	35 to 240	6 to 150	148 max.	-
H8MR...	-	-	-	-	-	-	25 to 150

Unless otherwise stated, all dimensions are in millimeters.



Crimping Dies

for Compression Tools MRH70, HH80 and SH80CM

Dies for copper tubular lugs and butt connectors

Dies	mm ²	CT Series		Cu Series	
		Item code	Part No.	Item code	Part No.
	6	7510554	H8HCU6-10	on request	H8ECU6-10
	10	7510554	H8HCU6-10	on request	H8ECU6-10
	16	7510555	H8HCU16-25	on request	H8ECU16-25
	25	7510555	H8HCU16-25	on request	H8ECU16-25
	35	7510556	H8HCU35-95	on request	H8ECU35-95
	50	7510558	H8HCU50-150	on request	H8ECU50-150
	70	7510560	H8HCU70-120	on request	H8ECU70-120
	95	7510556	H8HCU35-95	on request	H8ECU35-95
	120	7510560	H8HCU70-120	on request	H8ECU70-120
	150	7510558	H8HCU50-150	on request	H8ECU50-150
	185	7510562	H8HCU185	on request	H8ECU185
	240	7510563	H8HCU240	on request	H8ECU240

Dies for non-insulated silver brazed terminals: MB series

Dies	mm ²	Item code	Part No.
	6	7507680	D8MUJ6-8
	10	7507680	D8MUJ6-8
	16	7507681	D8MUJ14
	25	7507682	D8MUJ22-38
	35	7507682	D8MUJ22-38
	50	7507683	D8MUJ60-70
	70	7507683	D8MUJ60-70
	95	7507684	D8MUJ80-100
	120	7507684	D8MUJ80-100

Dies for aluminium-copper lugs with compression crimping: ICAU series

Dies	mm ²	Item code	Part No.
	35	7510553	H8E140-173
	50	7510553	H8E140-173
	70	7510553	H8E140-173
	95	7510553	H8E140-173
	120	7510553	H8E140-173
	150	7510548	H8E235
	185	7510548	H8E235
	240	7510548	H8E235

Indent width: 9 mm

Dies for "C" type connectors

Dies	mm ²	Item code	Part No.
	C 6	7510554	H8HCU6-10
	C 10	7510555	H8HCU16-25
	C 16	7510560	H8HCU70-120
	C 25-10	7510556	H8HCU35-95
	C 25 PM	7510556	H8HCU35-95
	C 25	7510558	H8HCU50-150
	C 35	7510558	H8HCU50-150
	C 50	7510558	H8HCU50-150

Dies for Al/Cu cable rounding

Dies	mm ²	Item code	Part No.
	25	7510564	H8MR25
	35	7510565	H8MR35
	50	7510566	H8MR50
	70	7510567	H8MR70
	95	7510568	H8MR95
	120	7510569	H8MR120
	150	7510570	H8MR150

Hexagonal dies for network connectors

Heterogenous conductors, aluminium and non insulated copper lines

Dies	Grooves	Item code	Part No.	Indent width
	E 54 cu	7510550	H8E54-100	5 mm
	E 54 ac	7510550	H8E54-100	5 mm
	E 68 cu	7510551	H8E68-83	9 mm
	E 72 cu	7510552	H8E72-120	5 mm
	E 72 ac	7510552	H8E72-120	5 mm
	E 83 cu	7510551	H8E68-83	9 mm
	E 100 cu/alu	7510550	H8E54-100	5 mm
	E 100 ac	7510550	H8E54-100	5 mm
	E 120 cu/alu	7510552	H8E72-120	5 mm
	E 120 ac	7510552	H8E72-120	5 mm
	E 140 alu	7510553	H8E140-173	9 mm
	E 173 cu/alu	7510553	H8E140-173	9 mm
	E 210 alu	7510545	H8E210	5 mm
	E 230 alu	7510547	H8E230	5 mm

Hexagonal dies for insulated networks

Grooves	Item code	Part No.
E 140	7510553	H8E140-173
E 173	7510553	H8E140-173
E 215	7510546	H8E215

Indent width: 9 mm

Note:
Values in yellow: side of the die to be used.

Unless otherwise stated,
all dimensions are in millimeters.

100 kN Hand Mechanical and Hydraulic Tool to Crimp Tubular Lugs, Splices and other Connectors



Mechanical hand tool MRD100

FORCE 100 kN

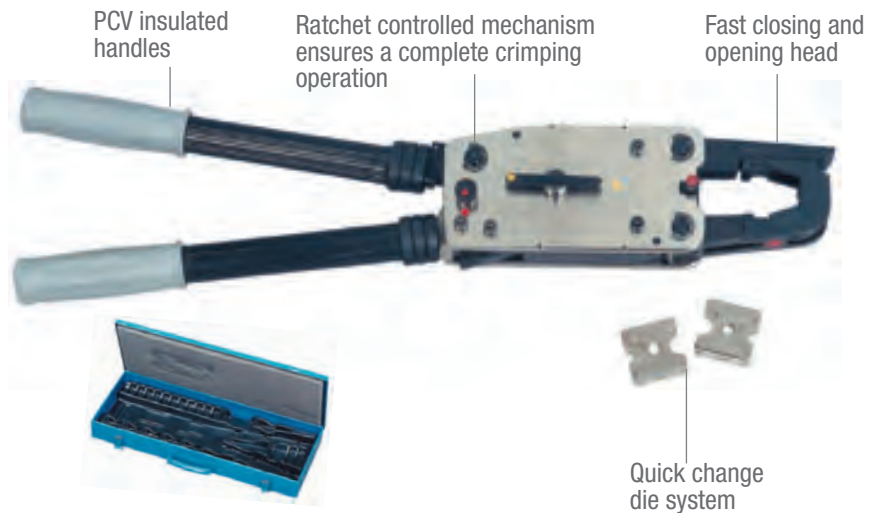
- ✓ Interchangeable simple or reversible compression dies
- ✓ Length: 540 mm.
- ✓ Weight: 4.200 kg.

Item code 7504031 Part No. MRD100

Additional equipment:

- ✓ Box on request

Item code 7504032 Part No. CMMRD100



Dies for copper tubular lugs and butt connectors

Dies	mm ²	Item code	Part No.
	6	7504539	D10HCU6-10
	10	7504539	D10HCU6-10
	16	7504540	D10HCU16-25
	25	7504540	D10HCU16-25
	35	7504541	D10HCU35-95
	50	7504581	D10HCU50-150
	70	7504551	D10HCU70-120
	95	7504541	D10HCU35-95
	120	7504551	D10HCU70-120
	150	7504581	D10HCU50-150
	185	7507220	D10HCU185
	240	7507230	D10HCU240
	300	7507240	D10HCU300

Dies for aluminium-copper lugs with compression crimping (ICAU)

Dies	mm ²	Item code	Part No.
	35	7504591	D10E140-173
	50	7504591	D10E140-173
	70	7504591	D10E140-173
	95	7504591	D10E140-173
	120	7504591	D10E140-173
	150	7504602	D10E235-2x9*
	185	7504602	D10E235-2x9*
	240	7504602	D10E235-2x9*
	300	7504603	D10E260

Indent width: 9 mm
Excepted *: 2 x 9 mm

Hexagonal dies for insulated networks

Dies	Grooves	Item code	Part No.
	E 140	7504591	D10E140-173
	E 173	7504591	D10E140-173
	E 215	7504601	D10E215

Indent width: 9 mm

Dies for "C" type connectors

Dies	mm ²	Item code	Part No.
	C 16	7504551	D10HCU70-120
	C 25-10	7504541	D10HCU35-95
	C 25 PM	7504541	D10HCU35-95
	C 25	7504581	D10HCU50-150
	C 35	7504581	D10HCU50-150
	C 50	7504581	D10HCU50-150

Dies and punches for aluminium and aluminium-copper connection in compliance with standard NFC 33-090-1

Dies for terminals, end sleeves and "C" connectors				Dies for aluminium butt connectors		Punches	
Dies	mm ²	Item code	Part No.	Item code	Part No.	Item code	Part No.
	16	7504703	MC0EM3	7504704	MJ0EM3	7504801	OEM3
	25	7504703	MC0EM3	7504704	MJ0EM3	7504801	OEM3
	35	7504703	MC0EM3	7504704	MJ0EM3	7504801	OEM3
	50	7504723	MC1EM3	7504724	MJ1EM3	7504821	1EM3
	70	7504723	MC1EM3	7504724	MJ1EM3	7504821	1EM3
	95	7504723	MC1EM3	7504724	MJ1EM3	7504821	1EM3
	120	7504733	MC2EM3	7504734	MJ2EM3	7507870	2EM3
	150	7504733	MC2EM3	7504734	MJ2EM3	7507870	2EM3

Unless otherwise stated,
all dimensions are in millimeters.



120 kN Connectable Hydraulic Hand Compression Tools to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors

Hydraulic hand compression tool HC120

FORCE 120 kN

- ✓ Length: 690 mm.
- ✓ Weight: 6.000 kg.

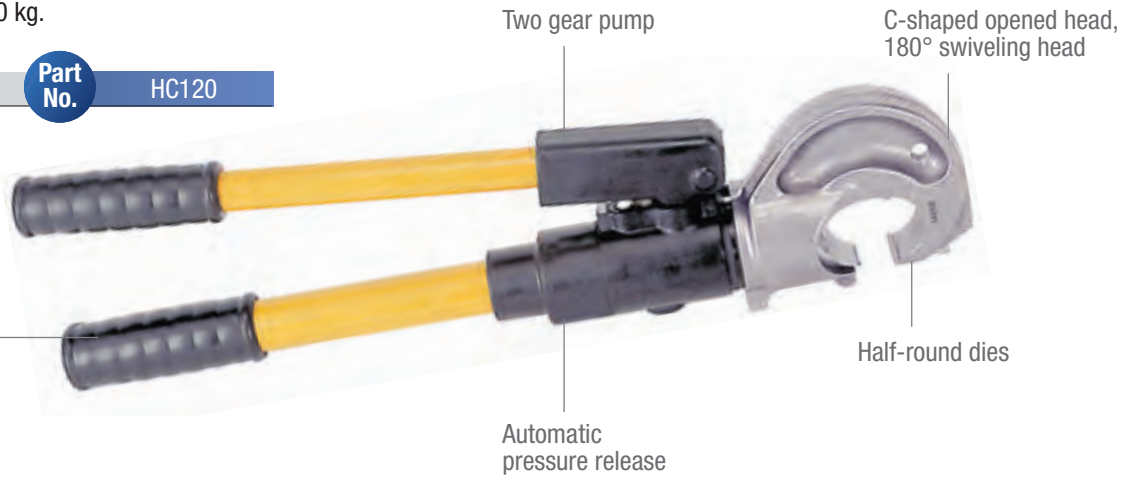
Item
code

7512010

Part
No.

HC120

PVC insulated
handles



Connectable hydraulic compression head SC120CM

FORCE 120 kN

Hydraulic compression head which can be connected to hydraulic pumps 700 bars: see pages 292 to 294.

- ✓ Length: 185 mm.
- ✓ Weight: 3.800 kg.

Delivered in metal box.

Item
code

7510111

Part
No.

SC120KCM

Item
code

7510112

Part
No.

SC120ECM

Item
code

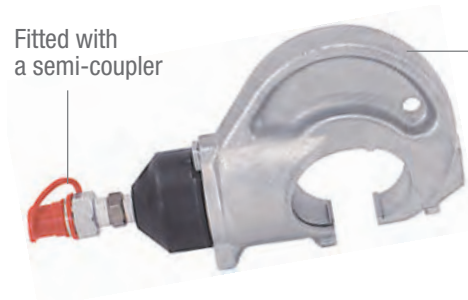
7510113

Part
No.

SC120XCM

Fitted with
a semi-coupler

C-shaped
head



Please state type of coupler when ordering: see page 296.

Crimping dies and capacity of hydraulic compression tools HC120 and SC120 CM

	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Al/Cu cable rounding
Part No.						
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
C12ECU... HCU...	6 to 400	-	-	-	-	-
C12R...	6 to 300	-	-	-	-	-
C12K...	6 to 300	-	-	-	-	-
C12E...	-	-	35 to 300	6 to 240	228 max.	-
C12HCU...	-	C6 to C70	-	-	-	-
C12CC...	-	C75 to C185-95	-	-	-	-
C12MR	-	-	-	-	-	50 to 240

Additional equipment:

- ✓ Box for hydraulic compression tool HC120 on request.

Item
code

7512011

Part
No.

CPHC120



Unless otherwise stated, all dimensions are in millimeters.

Connectable Hydraulic Tool Stationary Equipment



General features

- ✓ Power : 130 KN.
- ✓ Pressure : to be connected to 700 bar hydraulic pump.
- ✓ Ram stroke : 40 mm.
- ✓ Dimensions : 270 mm x 200 mm x 120 mm.
- ✓ Weight : 12 kg.

Item
code

7512180

Part
No.

SCPF130K



Crimping capacity	Product series	Section mm ²	Die P / N	Type of dies
Non insulated brazed terminals	BY	10 - 240	UVB... + Y35P1	
Copper tubular lugs and sleeves	CT	6 - 400	C12HCU...	
	YAVDM / DE	6 - 300	C12R... U...DGE1T	
	YCA	6 - 300	C12K... UDK...	
	CU	6 - 300	C12ECU...	
	YAV	10 - 400	U...BGE1T	
		10 - 300	U...C + Y35P1	
	CTUCF	6 - 240	USB	
		10 - 240	U...C + Y35P1	
Preinsulated tubular lugs and sleeves	YAEV	10 - 120	U...ET	
C type connectors	C / YC	6 - 185	C12... / U...	
Aluminium-copper lugs hexagonal type	ICAU / ICAUC	35 - 300	C12E...	

Unless otherwise stated,
all dimensions are in millimeters.



120 kN Hydraulic Hand Compression Tool

to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors

Hydraulic hand compression tool HU137

FORCE 120 kN

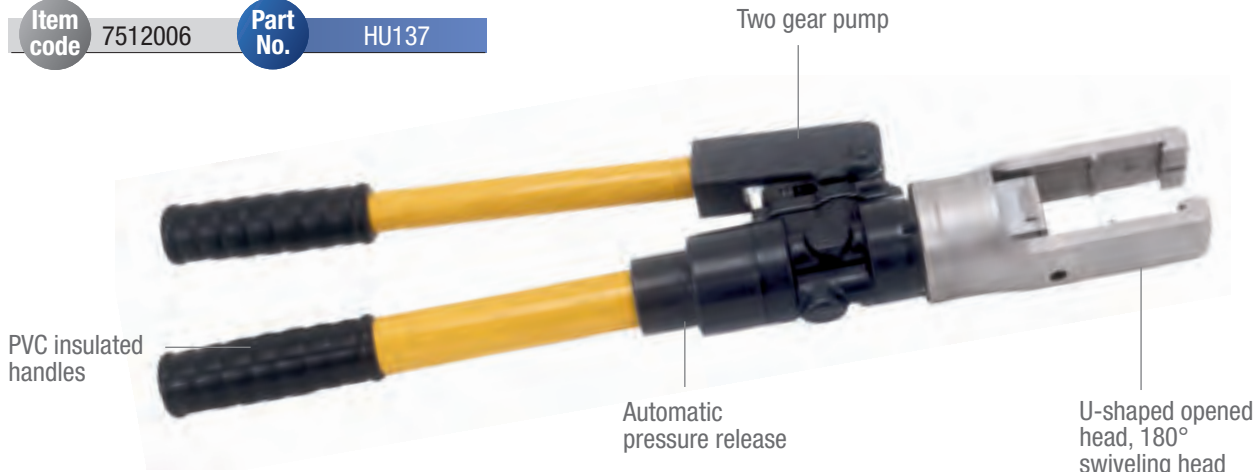
- ✓ Hydraulic hand compression tool to crimp with dies type C12 ... or U13.
- ✓ Length: 690 mm.
- ✓ Weight: 6 kg.

Item
code

7512006

Part
No.

HU137



Additional equipment:

- ✓ Adapter for ½ shells dies type C12.

Item
code

7511998

Part
No.

U137C12

- ✓ Box on request.

Item
code

7512005

Part
No.

CPHU135-137



Crimping dies and capacity

	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding
							
Part No.							
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
C12HCU...	6 to 400	C6 to C70	-	-	-	-	-
C12R...	6 to 300	-	-	-	-	-	-
C12K...	6 to 300	-	-	-	-	-	-
C12ECU...	6 to 400	-	-	-	-	-	-
C12E...	-	-	35 to 300	6 to 240	228 max.	-	-
C12CC...	-	C75 to C185-95	-	-	-	-	-
U13MC...	-	-	-	-	-	16 to 240	-
U13MJ...	-	-	-	-	-	16 to 240	-
C12MR...	-	-	-	-	-	-	50 to 240

Unless otherwise stated, all dimensions are in millimeters.

THE TOOL POWER 2

New range of electro-hydraulic
compression tools



ERGONOMY
FASTER CRIMPING
EXTENDED AUTONOMY
INTELLIGENT DATA MONITORING



See pages : 260, 266, 278, 280

www.mecatraction.fr



SICAM GROUP



120 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors

ESC120 electro-hydraulic compression tool

FORCE 120 kN

- ✓ Output force: 120 kN
- ✓ Stroke: 25 mm
- ✓ Autonomy: 110 to 220 crimping operations with battery 4.0 Ah
- ✓ Cycle time: 5 to 8 s depending on the section
- ✓ Dimensions: 385 x 315 x 72 mm
- ✓ Weight: 6.8 kg (including the battery)

New features:

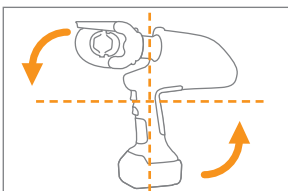
- ✓ Electronic control of the cycle.
- ✓ Return programming according to the user, either automatic or manual.
- ✓ Automatic or manual return stroke.
- ✓ Automatic stop at the end of the cycle.
- ✓ 2-stage hydraulic pump with pilot-operated valve which increases efficiency between 20 and 40%.
- ✓ Return sound signal.
- ✓ New PC software for diagnosis and analysis of data.



THE TOOL POWER 2



Faster and longer



Optimum ergonomics thanks to the balance of the tool. Can be used by right or left-handed people.



Comfortable and accurate handling thanks to the shape and the materials used in the handle.



Electronic controlled function parameters, warning lights and USB interface



Service indicator lights informing about the battery charge level and service control if necessary



180° swiveling nickel-plated head



With this software, it is possible to configure the tool, record the crimping data and analyze the cycles already done.



Lithium-ion 18 V battery with increased life expectancy and without any memory effect.

Unless otherwise stated, all dimensions are in millimeters.

120 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors



ESC120 electro-hydraulic compression tool kit

Kit composition

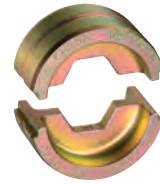
- ✓ Crimping tool
- ✓ 2 batteries 18 V / 4 Ah
- ✓ Charger 220 V
- ✓ Metallic carry case (Space 22 sets C12)

PN : ESC120
PN : BL1840
PN : CLM1890HC
PN : CMESC120

Item code 7519427

Part No. ESC120K1BLCM

Dies



Additional equipment for ESC120:

Fast charger

Charger with display which identifies the state of the battery and the conditions of load.

- ✓ Charging time: 36 min
- ✓ Weight: 0.85 Kg
- ✓ Voltage: 220-240 V AC
- ✓ Plug: Standard EU, others on request



Item code 7519430

Part No. CLM1890HC

Metallic carry case

- ✓ Ideal for transport and storage.
- ✓ Adapted to each model.

Item code 7519432

Part No. CMESC120

Battery

Li-Ion technology without memory effect

- ✓ Voltage: 18 V
- ✓ Capacity: 4.0 Ah
- ✓ Weight: 0.64 Kg



Item code 7519429

Part No. BL1840



Dies and crimping capacity

	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Al/Cu cable rounding
						
Part No.						
	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
C12HCU...	6 to 400	C6 to C70	-	-	-	-
C12R...	6 to 300	-	-	-	-	-
C12K...	10 to 300	-	-	-	-	-
C12ECU...	6 to 400	-	-	-	-	-
C12E...	-	-	35 to 300	6 to 300	228 max.	-
C12MR	-	-	-	-	-	50 to 240
C12CC...	-	C75 to C185-95	-	-	-	-

Unless otherwise stated, all dimensions are in millimeters.



120 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors

ESU137 electro-hydraulic compression tool

FORCE 120 kN

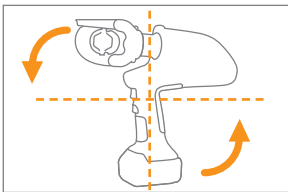
- ✓ Output force: 120 kN
- ✓ Stroke: 27 mm
- ✓ Autonomy: 50 to 100 indent crimping operations with battery 4.0 Ah
100 to 220 crimping operations with battery 4.0 Ah
- ✓ Cycle time: 7 to 12 s depending on the section
- ✓ Dimensions: 400 x 310 x 72 mm
- ✓ Weight: 5.9 kg (including the battery)

New features:

- ✓ Electronic control of the cycle.
- ✓ Return programming according to the user, either automatic or manual.
- ✓ Automatic or manual return stroke.
- ✓ Automatic stop at the end of the cycle.
- ✓ 2-stage hydraulic pump with pilot-operated valve which increases efficiency between 20 and 40%.
- ✓ Return sound signal.
- ✓ New PC software for diagnosis and analysis of data.



THE TOOL POWER 2



Optimum ergonomics thanks to the balance of the tool. Can be used by right or left-handed people.



Comfortable and accurate handling thanks to the shape and the materials used in the handle.



Electronic controlled function parameters, warning lights and USB interface



Service indicator lights informing about the battery charge level and service control if necessary



180° swiveling nickel-plated head



With this software, it is possible to configure the tool, record the crimping data and analyze the cycles already done.



Lithium-ion 18 V battery with increased life expectancy and without any memory effect.

Unless otherwise stated, all dimensions are in millimeters.

120 kN Cordless Electro-hydraulic Compression Tool

to Crimp Tubular Lugs, Al/Cu Lugs, Splices and other Connectors



ESU137 electro-hydraulic compression tool kit

Kit composition

- ✓ Crimping tool
- ✓ 2 batteries 18 V / 4 Ah
- ✓ Charger 220 V
- ✓ Metallic carry case (Space 22 sets C12)

PN : ESU137
PN : BL1840
PN : CLM1890HC
PN : CMESU137

Item code 7519428

Part No. ESU137K1BLCM

Additional equipment for ESU137:

Fast charger

Charger with display which identifies the state of the battery and the conditions of load.

- ✓ Charging time: 36 min
- ✓ Weight: 0.85 Kg
- ✓ Voltage: 220-240 V AC
- ✓ Plug: Standard EU, others on request



Item code 7519430

Part No. CLM1890HC

Battery

Li-Ion technology without memory effect

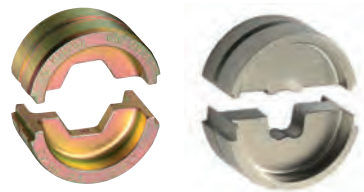
- ✓ Voltage: 18 V
- ✓ Capacity: 4.0 Ah
- ✓ Weight: 0.64 Kg



Item code 7519429

Part No. BL1840

Dies



Adapters

For dies type C12:

For punches 0E, 1E, 2E, 4E:



Part No. U37C12



Part No. C12PP

Metallic carry case

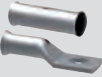
- ✓ Ideal for transport and storage.
- ✓ Adapted to each model.

Item code 7519432

Part No. CMESU137



Dies and crimping capacity

	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors for Al/Cu non-insulated line networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding
							
Part No.	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
C12HCU...	6 to 400	C6 to C70	-	-	-	-	-
C12R...	6 to 300	-	-	-	-	-	-
C12K...	6 to 300	-	-	-	-	-	-
C12ECU...	6 to 400	-	-	-	-	-	-
C12E...	-	-	35 to 300	6 to 240	228 max.	-	-
C12CC...	-	C75 to C185-95	-	-	-	-	-
U13MC...	-	-	-	-	-	16 to 240	-
U13MJ...	-	-	-	-	-	16 to 240	-
C12MR...	-	-	-	-	-	-	50 to 240

Unless otherwise stated, all dimensions are in millimeters.



Crimping Dies for Compression Tools

HC120, SC120CM, HU137*, ESC120 and ESU137*

* For compression tools HU137 and ESU137, it is necessary to order the adapter U137C12.

Dies for copper tubular lugs and butt connectors

Dies	mm ²	CT Series		CU Series		DE Series		YCA Series	
		Item code	Part No.	Item code	Part No.	Item code	Part No.	Item code	Part No.
	6	7517053	C12HCU6	7519130	C12ECU6	7511519	C12K5-10	7517460	C12R6
	10	7517054	C12HCU10	7519131	C12ECU10	7511520	C12K6-10	7517461	C12R10
	16	7517056	C12HCU16	7519132	C12ECU16	7511521	C12K8-10	7517462	C12R16
	25	7517057	C12HCU25	7519133	C12ECU25	7511522	C12K10-10	7517463	C12R25
	35	7517058	C12HCU35	7519134	C12ECU35	7511523	C12K12-10	7517464	C12R35
	50	7517060	C12HCU50	7519135	C12ECU50	7511524	C12K14-13	7517465	C12R50
	70	7517070	C12HCU70	7519136	C12ECU70	7511528	C12K16-13	7517466	C12R70
	95	7517080	C12HCU95	7519137	C12ECU95	7511529	C12K18-14	7517467	C12R95
	120	7517082	C12HCU120	7519138	C12ECU120	7511530	C12K20-14	7517468	C12R120
	150	7517085	C12HCU150	7519139	C12ECU150	7511525	C12K22-10	7517469	C12R150
	185	7517086	C12HCU185	7519140	C12ECU185	7511526	C12K25-10	7517470	C12R185
	240	7517087	C12HCU240	7519141	C12ECU240	7511527	C12K28-10	7517471	C12R240
	300	7517088	C12HCU300	7519142	C12ECU300	7511300	C12K32-7	7517472	C12R300
	400	7517089	C12HCU400	7519143	C12ECU400	-	-	-	-

Hexagonal dies for network connectors

Non-insulated line networks, aluminium and heterogeneous conductors

Dies	mm ²	Item code	Part No.	Indent width
	E 54 cu	7507480	C12E54(18)	18 mm
	E 54 ac	7507485	C12E54	10 mm
	E 68 cu	7507500	C12E68	18 mm
	E 72 cu	7507510	C12E72	10 mm
	E 72 ac	7507510	C12E72	10 mm
	E 83 cu	7507520	C12E83	18 mm
	E 100 cu/alu	7507530	C12E100(18)	18 mm
	E 100 ac	7507535	C12E100	10 mm
	E 120 cu/alu	7507550	C12E120(18)	18 mm
	E 120 ac	7507555	C12E120	9 mm
	E 140 alu	7507305	C12E140(15)	15 mm
	E 173 cu/alu	7507306	C12E173(15)	15 mm
	E 210 alu	7507590	C12E210	10 mm
	E 230 alu	7507600	C12E230	10 mm
	E 250 alu	7507304	C12E250	9 mm
	E 280 alu	7507340	C12E280	6 mm

Dies for aluminium-copper lugs with compression crimping (ICAU)

Dies	mm ²	Item code	Part No.	Indent width
	35	7519080	C12E140(2x9)	2 x 9 mm
	50	7519080	C12E140(2x9)	2 x 9 mm
	70	7519081	C12E173(2x9)	2 x 9 mm
	95	7519081	C12E173(2x9)	2 x 9 mm
	120	7519081	C12E173(2x9)	2 x 9 mm
	150	7519082	C12E235(2x9)	2 x 9 mm
	185	7519082	C12E235(2x9)	2 x 9 mm
	240	7519082	C12E235(2x9)	2 x 9 mm
	300	7519083	C12X260	9 mm

Dies and punches for aluminium and aluminium-copper terminals and butt connectors from 16 to 240 mm²; see part numbers pages 287/288.

For dies in B: see page 234.

Hexagonal dies for insulated networks

Dies	mm ²	Item code	Part No.
	E 140	7507310	C12E140(9)
	E 173	7507320	C12E173(9)
	E 215	7507330	C12E215(9)
	E 260	7507610	C12E260(9)
	E 280	7507341	C12E280(9)

Indent width: 9 mm

Dies for "C" type connectors

Dies	mm ²	Item code	Part No.
	C 6	7517056	C12HCU16
	C 10	7517057	C12HCU25
	C 16	7517070	C12HCU70
	C 25-10	7517080	C12HCU95
	C 25 PM	7517080	C12HCU95
	C 25	7517085	C12HCU150
	C 35	7517085	C12HCU150
	C 50	7517085	C12HCU150
	C 70-35	7517087	C12HCU240
	C 70	7517087	C12HCU240
	C75	7516600	C12CC95
	C 95-35	7516600	C12CC95
	C 95	7516600	C12CC95
	C 120	7516610	C12CC150
	C 150	7516610	C12CC150
	C 185-95	7516610	C12CC150

Dies for Al/Cu cable rounding

Dies	mm ²	Item code	Part No.
	50	7519064	C12MR50
	70	7519065	C12MR70
	95	7519066	C12MR95
	120	7519067	C12MR120
	150	7519068	C12MR150
	185	7519069	C12MR185
	240	7519071	C12MR240

Unless otherwise stated, all dimensions are in millimeters.

120 kN Connectable Hydraulic Compression Tool

to Crimp Tubular Lugs, Splices and other Connectors



Connectable hydraulic compression head SU130

FORCE 120 kN

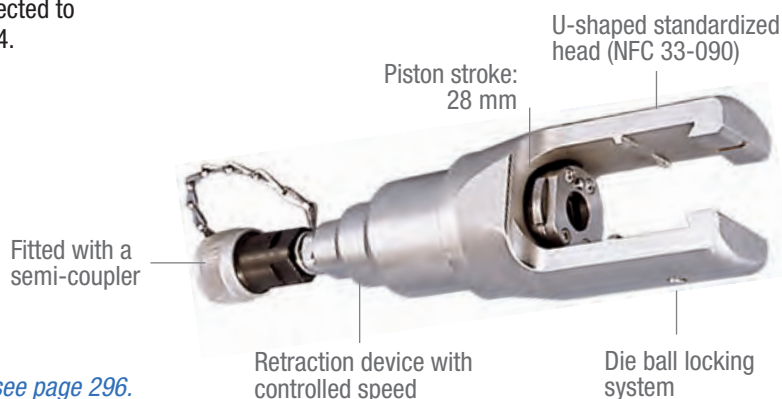
- ✓ Hydraulic compression head which can be connected to hydraulic pumps 700 bars: see pages 292 to 294.
- ✓ Length: 210 mm.
- ✓ Weight: 3.200 kg.

Item code 7510116 Part No. SU130K

Item code 7510117 Part No. SU130E

Item code 7510118 Part No. SU130X

Please indicate the type of coupler when ordering: see page 296.



Connectable hydraulic compression head SU137C12

FORCE 120 kN

- ✓ Hydraulic compression head which can be connected to hydraulic pumps 700 bars: see pages 292 to 294.
- ✓ Supplied with U137C12 adapter.
- ✓ Length: 330 mm.
- ✓ Weight: 3.800 kg.

Item code 7513185 Part No. SU137C12K

Item code 7513186 Part No. SU137C12X

Please indicate the type of coupler when ordering: see page 296.



Part No.

Non-insulated
braided
terminals



Section mm²

CDCT
Hearthings
copper
terminals



Section mm²

Copper
tubular lugs
and sleeves



Section mm²

"C" type
connectors



Section mm²

Al/Cu Industrial
terminals



Section mm²

Connectors
for insulated
networks



Section mm²

Connectors
For Al/Cu
non-insulated
networks



Section mm²

Connectors
for Al, Al/Cu
networks to be
indented



Section mm²

Al/Cu
cable rounding



Section mm²

SU130 Crimping dies and capacity

U13HCU...	-	-	25 to 300	C16 to C70	-	-	-	-	-
U13E...	-	-	-	-	35 to 300	6 to 240	228 max.	-	-
U13CC95	-	-	-	C75 to C95	-	-	-	-	-
U13HCT...	75	-	-	-	-	-	-	-	-
U13MC...	-	-	-	-	-	-	-	16 to 240	-
U13MJ...	-	-	-	-	-	-	-	16 to 240	-
U13MR...	-	-	-	-	-	-	-	-	50 to 240

SU137C12 Crimping dies and capacity

C12HCU...	-	-	6 to 400	C6 to C70	-	-	-	-	-
C12R...	-	-	6 to 300	-	-	-	-	-	-
C12K...	-	-	10 to 300	-	-	-	-	-	-
C12ECU...	-	-	6 to 400	-	-	-	-	-	-
C12E...	-	-	-	-	35 to 300	6 to 300	228 max.	-	-
C12MR...	-	-	-	-	-	-	-	-	50 to 540
C12CC...	-	-	-	C75 to C185-95	-	-	-	-	-

SU137C12 Crimping dies and capacity - Please order the adapter :

Item code 7511993

Part No.

C12PP

U13HCU...	-	-	25 to 300	C16 to C70	-	-	-	-	-
U13E...	-	-	-	-	35 to 300	6 to 240	228 max.	-	-
U13CC95	-	-	-	C75 to C95	-	-	-	-	-
U13HCT...	-	75	-	-	-	-	-	-	-
U13MC...	-	-	-	-	-	-	-	16 to 240	-
U13MJ...	-	-	-	-	-	-	-	16 to 240	-
U13MR...	-	-	-	-	-	-	-	-	50 to 240



200 kN Connectable Hydraulic Compression Heads to Crimp Tubular Lugs, Splices and other Connectors

Connectable hydraulic compression heads SU210 and SRU210

FORCE 200 kN

- ✓ Hydraulic compression heads which can be connected to hydraulic pumps 700 bars: see pages 292 to 294.

Compression head SU210

- ✓ Length: 260 mm.
- ✓ Weight: 5.800 kg.

Item code 7510141 Part No. SU210K

Item code 7510142 Part No. SU210E

Item code 7510143 Part No. SU210X

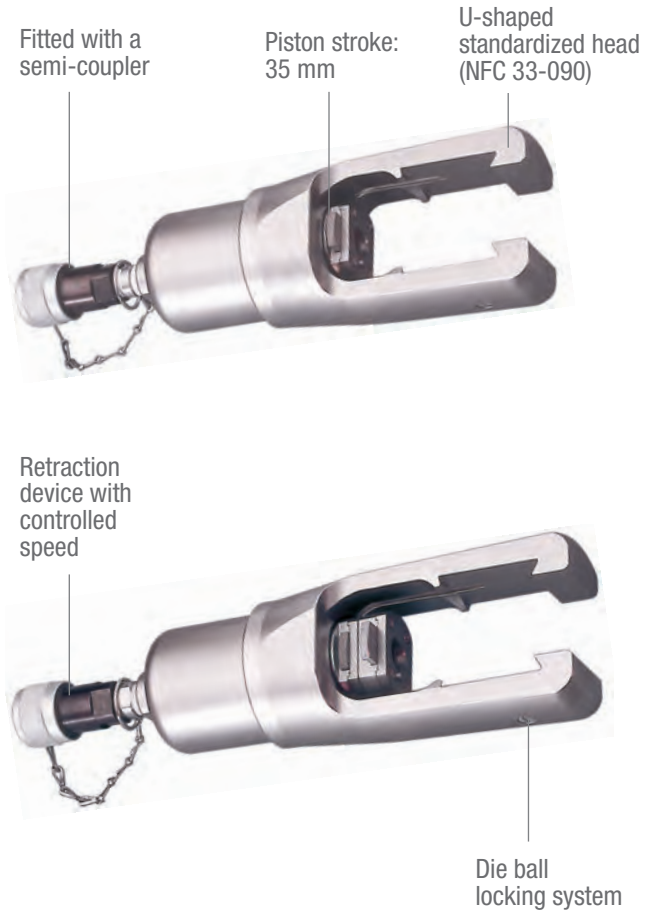
Compression head SRU210

- ✓ Length: 275 mm.
- ✓ Weight: 6.180 kg.
- ✓ The system is identical to SU210 but the shape is lengthened for the aluminium, aluminium-copper crimping up to 630 mm².

Item code 7510161 Part No. SRU210K

Item code 7510162 Part No. SRU210E

Item code 7510163 Part No. SRU210X



Please state type of coupler when ordering: see page 296.

Crimping dies and capacity

Part No.		Tubular lugs CDCT	Copper tubular lugs and sleeves	"C" type connectors	Al/Cu Industrial terminals	Connectors for insulated networks	Connectors For Al/Cu non-insulated networks	Connectors for Al, Al/Cu networks to be indented	Al/Cu cable rounding
		Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²	Section mm ²
U13HCU...	U21HCU	-	25 to 630	C16 to C70	-	-	-	-	-
U13E...	U21E...	-	-	-	35 to 300	6 to 240	228 max.	-	-
U13CC95...	U21CC...	-	-	C75 to C240	-	-	-	-	-
U13HCT...	U21HCT...	75 to 181	-	-	-	-	-	-	-
U13MC...	U21MC...	-	-	-	-	-	-	16 to 630*	-
U13MJ...	U21MJ...	-	-	-	-	-	-	16 to 630*	-
-	U21MR	-	-	-	-	-	-	-	50 to 400

* 500 and 630 only for SRU210.

Unless otherwise stated, all dimensions are in millimeters.

Crimping Dies for Compression Tools

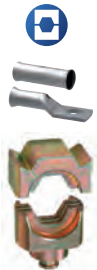
HU137, ESU137*, SU130, SU210 and SRU210



* For compression tool ESU137, it is necessary to order the adapter C12PP

Dies for copper tubular lugs and butt connectors:

For HU137, ESU137 and SU130: CT Series			
Dies	mm²	Item code	Part No.
	25	7516899	U13HCU25
	35	7516900	U13HCU35
	50	7516910	U13HCU50
	70	7516930	U13HCU70
	95	7516940	U13HCU95
	120	7516950	U13HCU120
	150	7516960	U13HCU150
	185	7516970	U13HCU185
	240	7516980	U13HCU240
	300	7516985	U13HCU300

For SU210 and SRU210: CT Series			
Dies	mm²	Item code	Part No.
	25	7516899 + 7517051	U13HCU25 + U21U13
	35	7516900 + 7517051	U13HCU35 + U21U13
	50	7516910 + 7517051	U13HCU50 + U21U13
	70	7516930 + 7517051	U13HCU70 + U21U13
	95	7516940 + 7517051	U13HCU95 + U21U13
	120	7516950 + 7517051	U13HCU120 + U21U13
	150	7516960 + 7517051	U13HCU150 + U21U13
	185	7516970 + 7517051	U13HCU185 + U21U13
	240	7516980 + 7517051	U13HCU 240 + U21U13
	300	7516990	U21HCU300 (direct)
	400	7517000	U21HCU400 (direct)
	500	7517005	U21HCU500 (direct)
	630	7517010	U21HCU630 (direct)

Copper punches and dies for copper tubular lugs and butt connectors

For HU137, ESU137 and SU130 CT series					
Dies			Punches		
Dies + adapter	mm²	Item code	Part No.	Item code	Part No.
	25	7517440	U13MU25	7517452	PU50
	35	7517441	U13MU35		
	50	7517442	U13MU50		
	70	7517443	U13MU70	7517453	PU120
	95	7517444	U13MU95		
	120	7517445	U13MU120		
	150	7517446	U13MU150	7517454	PU240
	185	7517447	U13MU185		
	240	7517448	U13MU240		

Dies for "C" type connectors

For HU137, EU1370 and SU130			For SU210 and SRU210		
Dies + adapter	mm²	Item code	Part No.	Item code	Part No.
	C 16	7516930	U13HCU70	7516930 + 7517051	U13HCU70 + U21U13
	C 25-10	7516940	U13HCU95	7516940 + 7517051	U13HCU95 + U21U13
	C 25 PM	7516940	U13HCU95	7516940 + 7517051	U13HCU95 + U21U13
	C 25	7516960	U13HCU150	7516960 + 7517051	U13HCU150 + U21U13
	C 35	7516960	U13HCU150	7516960 + 7517051	U13HCU150 + U21U13
	C 50	7516960	U13HCU150	7516960 + 7517051	U13HCU150 + U21U13
	C 70-35	7516980	U13HCU240	7516980 + 7517051	U13HCU240 + U21U13
	C 70	7516980	U13HCU240	7516980 + 7517051	U13HCU240 + U21U13
	C 75	7517090	U13CC95	7517100	U21CC95 (direct)
	C 95-35	7517090	U13CC95	7517100	U21CC95 (direct)
	C 95	7517090	U13CC95	7517100	U21CC95 (direct)
	C 120	-	-	7517120	U21CC150 (direct)
	C 150	-	-	7517120	U21CC150 (direct)
	C 185-95	-	-	7517120	U21CC150 (direct)
	C 185	-	-	7517130	U21CC185 (direct)
	C 240	-	-	7517130	U21CC185 (direct)

Dies for earthing tubular lugs (CDCT)

For HU137, EU1370 and SU130			For SU210 and SRU210		
Dies	mm²	Item code	Part No.	Item code	Part No.
	75	7516301	U13HCT75	7517140	U21HCT75
	95	-	-	-	U21HCT95
	116	-	-	7517150	U21HCT116
	147	-	-	7517160	U21HCT147
	181	-	-	7517170	U21HCT181

Unless otherwise stated, all dimensions are in millimeters.



Crimping Dies for Compression Tools

HU137, ESU137*, SU130, SU210 and SRU210

* For compression tool ESU137, it is necessary to order the adapter C12PP

Dies for aluminium-copper lugs with compression crimping (ICAU)

		For HU137, ESU137 and SU130		For SU210 and SRU210	
Dies + adapter	mm²	Item code	Part No.	Item code	Part No.
	35	7517335	U13E140 (2x9)	7517335 + 7517051	U13E140 (2x9) + U21U13
	50	7517335	U13E140 (2x9)	7517335 + 7517051	U13E140 (2x9) + U21U13
	70	7517345	U13E173 (2x9)	7517345 + 7517051	U13E173 (2x9) + U21U13
	95	7517345	U13E173 (2x9)	7517345 + 7517051	U13E173 (2x9) + U21U13
	120	7517345	U13E173 (2x9)	7517345 + 7517051	U13E173 (2x9) + U21U13
	150	7517367	U13E235 (2x9)	7517367 + 7517051	U13E235 (2x9) + U21U13
	185	7517367	U13E235 (2x9)	7517367 + 7517051	U13E235 (2x9) + U21U13
	240	7517367	U13E235 (2x9)	7517367 + 7517051	U13E235 (2x9) + U21U13
	300	7517373	U13X260	7517373 + 7517051	U13X260 + U21U13

Hexagonal dies for insulated networks

		For HU137, ESU137 and SU130			For SU210 and SRU210		
Dies + adapter	Grooves	Item code	Part No.	Indent width	Item code	Part No.	Indent width
	E 140	7517190	U13E140 (9)	9	7517190 + 7517051	U13E140 (9) + U21U13	9
	E 173	7517200	U13E173 (9)	9	7517200 + 7517051	U13E173 (9) + U21U13	9
	E 215	7517210	U13E215 (9)	9	7517210 + 7517051	U13E215 (9) + U21U13	9
	E 260	7517370	U13E260 (9)	9	7517410	U21E260 (direct)	18
	E 280	7517375	U13E280 (9)	9	7517420	U21E280 (direct)	20

Hexagonal dies for network connectors

Non-insulated line networks, aluminium and heterogeneous conductors

		For HU137, ESU137 and SU130			For SU210 and SRU210		
Dies + adapter	Grooves	Item code	Part No.	Indent width	Item code	Part No.	Indent width
	E 54 cu	7517250	U13E54 (18)	18	7517250 + 7517051	U13E54 (18) + U21U13	18
	E 54 ac	7517260	U13E54	10	7517260 + 7517051	U13E54 + U21U13	10
	E 68 cu	7517270	U13E68	18	7517270 + 7517051	U13E68 + U21U13	18
	E 72 cu/ac	7517280	U13E72	10	7517280 + 7517051	U21E72 + U21U13	10
	E 83 cu	7517290	U13E83	18	7517290 + 7517051	U13E83 + U21U13	18
	E 100 cu/alu	7517300	U13E100 (18)	18	7517300 + 7517051	U13E100 (18) + U21U13	18
	E 100 ac	7517310	U13E100	10	7517310 + 7517051	U13E100 + U21U13	10
	E 120 cu/alu	7517320	U13E120 (18)	18	7517320 + 7517051	U13E120 (18) + U21U13	18
	E 120 ac	7517330	U13E120	10	7517330 + 7517051	U13E120 + U21U13	10
	E 140 alu	7507307	U13E140 (15)	15	7517307 + 7517051	U13E140 (15) + U21U13	15
	E 160 ac	-	-	-	7517390	U21E160 (direct)	10
	E 173 cu/alu	7507308	U13E173 (15)	15	7517308 + 7517051	U13E173 (15) + U21U13	15
	E 210 alu	7517350	U13E210	10	7517350 + 7517051	U13E210 + U21U13	10
	E 230 alu	7517360	U13E230	10	7517360 + 7517051	U13E230 + U21U13	10
	E 250 alu	-	U13E250	10	7517400	U21E250 (direct)	20
	E 260 alu	-	-	-	7517410	U21E260 (direct)	18
	E 280 alu	7507309	U13E280 (5)	5	7517420	U21E280 (direct)	20
	E 285 alu	-	-	-	7517430	U21E285 (direct)	18

Unless otherwise stated,
all dimensions are in millimeters.

Crimping Dies for Compression Tools

HU137, ESU137*, SU130, SU210 and SRU210

*For compression tool ESU137, it is necessary to order the adapter C12PP



Dies for Al/Cu cable rounding

Dies + adapter	mm ²	For HU137, ESU137 and SU130		For SU210 and SRU210	
		Item code	Part No.	Item code	Part No.
	50	7519160	U13MR50	7519160 + 7517051	U13MR50 + U21U13
	70	7519170	U13MR70	7519170 + 7517051	U13MR70 + U21U13
	95	7519180	U13MR95	7519180 + 7517051	U13MR95 + U21U13
	120	7519185	U13MR120	7519185 + 7517051	U13MR120 + U21U13
	150	7519200	U13MR150	7519200 + 7517051	U13MR150 + U21U13
	185	7519210	U13MR185	7519210 + 7517051	U13MR185 + U21U13
	240	7519220	U13MR240	7519220 + 7517051	U13MR240 + U21U13
	300	-	-	7519225	U21MR300 (direct)
	400	-	-	7519230	U21MR400 (direct)
	500	-	-	-	U21MR500 (direct)
	630	-	-	-	U21MR630 (direct)

Dies and punches with die stoppers for aluminium-copper terminals and end sleeves

Dies + adapter	mm ²	For HU137, ESU137 and SU130			
		Dies		Punches	
		Item code	Part No.	Item code	Part No.
		7504702	U13MC0E	7518830	0E
		7504702	U13MC0E	7518830	0E
		7504702	U13MC0E	7518830	0E
		7504722	U13MC1E	7518840	1E
		7504722	U13MC1E	7518840	1E
		7504722	U13MC1E	7518840	1E
		7517521	U13MC2E	7518850	2E
		7517521	U13MC2E	7518850	2E
		7517531	U13MC4E	7518860	4E
		7517531	U13MC4E	7518860	4E

Dies + adapter	mm ²	For SU210 and SRU210					
		Dies		Punches		Adapter	
		Item code	Part No.	Item code	Part No.	Item code	Part No.
		7504702	U13MC0E	7518830	0E	7517051	U21U13
		7504702	U13MC0E	7518830	0E	7517051	U21U13
		7504702	U13MC0E	7518830	0E	7517051	U21U13
		7504722	U13MC1E	7518840	1E	7517051	U21U13
		7504722	U13MC1E	7518840	1E	7517051	U21U13
		7504722	U13MC1E	7518840	1E	7517051	U21U13
		7517521	U13MC2E	7518850	2E	7517051	U21U13
		7517521	U13MC2E	7518850	2E	7517051	U21U13
		7517531	U13MC4E	7518860	4E	7517051	U21U13
		7517531	U13MC4E	7518860	4E	7517051	U21U13
		7517541	U21MC5E	7518870	5E	-	direct
		7517541	U21MC5E	7518870	5E	-	direct
		7517551	RU21MC6E*	7518900	6E	-	-
		7517551	RU21MC6E*	7518900	6E	-	-

*Only with compression head SRU210.

Unless otherwise stated,
all dimensions are in millimeters.



Crimping Dies for Compression Tools

HU137, ESU137*, SU130, SU210 and SRU210

* For compression tool ESU137, it is necessary to order the adapter C12PP

Dies and punches with die stoppers for aluminium and aluminium-copper butt connectors

For HU137, ESU137 and SU130					
		Dies		Punches	
Dies + adapter	mm ²	Item code	Part No.	Item code	Part No.
	16	7518711	U13MJ0E	7518830	0E
	25	7518711	U13MJ0E	7518830	0E
	35	7518711	U13MJ0E	7518830	0E
	50	7518721	U13MJ1E	7518840	1E
	70	7518721	U13MJ1E	7518840	1E
	95	7518721	U13MJ1E	7518840	1E
	120	7518731	U13MJ2E	7518850	2E
	150	7518731	U13MJ2E	7518850	2E
	185	7518741	U13MJ4E	7518860	4E
	240	7518741	U13MJ4E	7518860	4E

For SU210 and SRU210							
		Dies		Punches		Adapter	
Dies + adapter	mm ²	Item code	Part No.	Item code	Part No.	Item code	Part No.
	16	7518711	U13MJ0E	7518830	0E	7517051	U21U13
	25	7518711	U13MJ0E	7518830	0E	7517051	U21U13
	35	7518711	U13MJ0E	7518830	0E	7517051	U21U13
	50	7518721	U13MJ1E	7518840	1E	7517051	U21U13
	70	7518721	U13MJ1E	7518840	1E	7517051	U21U13
	95	7518721	U13MJ1E	7518840	1E	7517051	U21U13
	120	7518731	U13MJ2E	7518850	2E	7517051	U21U13
	150	7518731	U13MJ2E	7518850	2E	7517051	U21U13
	185	7518741	U13MJ4E	7518860	4E	7517051	U21U13
	240	7518741	U13MJ4E	7518860	4E	7517051	U21U13
	300	7518805	U21MJ5E	7518870	5E	-	direct
	400	7518805	U21MJ5E	7518870	5E	-	direct
	500	7518806	RU21MJ6E*	7518900	6E	-	-
	630	7518806	RU21MJ6E*	7518900	6E	-	-

* Only with compression head SRU210.

Boxes for dies

- ✓ Empty box, deep punching + rounding with space for the following dies:

U13 MC 0 E - MC 1 E - MC 2 E - MC 4 E
 U13 MJ 0 E - MJ 1 E - MJ 2 E - MJ 4 E
 0E - 1E - 2E - 4E
 U13 MR 50 - U13 MR 70 - U13 MR 95 - U13 MR 120
 U13 MR 150 - U13 MR 185 - U13 MR 240

Item code

7516881

Part No.

CPU13M

- ✓ Empty box, copper crimping

with space for the following dies:

U13 HCU 35 - U13 HCU 50 - U13 HCU 70 - U13 HCU 95 U13
 HCU 120 - U13 HCU 150 - U13 HCU 185
 U13 HCU 240 - U13 HCU 300
 U13 CC 95
 U21 HCU 400
 U21 U13

Item code

7516880

Part No.

CPU13H



Unless otherwise stated,
all dimensions are in millimeters.

250 kN Connectable Hydraulic Compression Tool to Crimp Tubular Lugs



Connectable electric compression tool SH250

FORCE 250 kN

- ✓ Hydraulic compression head which can be connected to hydraulic pumps: see pages 292 to 294.
- ✓ Length: 330 mm.
- ✓ Weight: 5.400 kg.

Please state type of coupler when ordering: see page 296.

Item code 7510108 Part No. SH250K

Item code 7510104 Part No. SH250X



Crimping dies for DE and YCA tubular lugs:

Dies		DE Series		YCA Series	
		Item code	Part No.	Item code	Part No.
	50	On request	H25R50	On request	H25K14
	70	On request	H25R70	On request	H25K16
	95	On request	H25R95	On request	H25K18
	120	On request	H25R120	On request	H25K20
	150	On request	H25R150	On request	H25K22
	185	On request	H25R185	On request	H25K25
	240	On request	H25R240	On request	H25K28
	300	On request	H25R300	On request	H25K32
	400	On request	H25R400	On request	H25K38
	500	-	-	On request	H25K42
	625	-	-	On request	H25K44

Unless otherwise stated,
all dimensions are in millimeters.



400 kN Connectable Hydraulic Compression Tool to Crimp

Connectable hydraulic compression tool SAU400Q

FORCE 400 kN

- ✓ Hydraulic compression head which can be connected to a single-action pump 700 bars: see pages 292 to 294.
- ✓ Length: 470 mm.
- ✓ Weight: 18 kg.

Please state type of coupler when ordering: see page 296.

Item code 7510183 Part No. SAU400QK

Item code 7510184 Part No. SAU400QE

Item code 7510185 Part No. SAU400QX



Opening head

Anti-corrosion protection: chemical nickel-plating

Fitted with a semi-coupler

Revolving articulated hydraulic coupler enabling a better use whatever the working position



- ✓ Articulated handles for easy use



- ✓ Locking of the handles by rotation of the clasp with indexation in locked position



- ✓ Positive locking system of hexagonal crimping die
- ✓ Deep indent crimping dies securely held in ram



- ✓ Spring loaded location balls avoid die damage when positioned wrongly

Crimping capacity:

- ✓ Hexagonal crimping for copper tubular lugs NFC20 130: 400 to 1000 mm².
- ✓ Aluminium deep indent crimping: 800 to 1600 mm².
- ✓ Hexagonal crimping for forged lugs HU series: 500 to 1300 mm².

Dies on request

Additional equipment:

- ✓ Wooden carrying case

Item code 7510186 Part No. CBSAU400Q



Unless otherwise stated, all dimensions are in millimeters.

550 and 1000 kN Connectable Hydraulic Compression Heads to Crimp Tubular Lugs, Splices and other Connectors



Connectable hydraulic compression head SB550

FORCE 550 kN

- ✓ Hydraulic compression head to be connected to a single-action pump: see pages 292 to 294.
- ✓ Length: 450 mm.
- ✓ Weight: 22 kg.

Please state type of coupler when ordering: see page 296.

Delivered in metal box.

For crimping dies, please send us an inquiry.

Crimping capacity:

- ✓ 660 mm² Aluminium,
- ✓ 600 mm² Copper,
- ✓ 450 mm² Aluminium- Steel, Almelec-Steel and homogeneous Almelec.

Item code	7510301	Part No.	SB550KCM
-----------	---------	----------	----------

Item code	7510300	Part No.	SB550ECM
-----------	---------	----------	----------

Item code	7510590	Part No.	SB550XCM
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Connectable hydraulic compression head DB1001

FORCE 1000 kN

- ✓ Hydraulic compression head to be connected to a double-action pump: see pages 292 to 294.
- ✓ Length: 365 mm.
- ✓ Weight: 32 kg.

Please state type of coupler when ordering: see page 296.

Delivered in wooden box.

For crimping dies, please send us an inquiry.

Crimping capacity:

- ✓ 1000 mm² Aluminium,
- ✓ 750 mm² homogeneous Almelec,
- ✓ 612 mm² Almelec-Steel.

Item code	Please consult us	Part No.	DB1001KCB
-----------	-------------------	----------	-----------

Item code	Please consult us	Part No.	DB1001ECB
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Item code	Please consult us	Part No.	DB1001XCB
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Unless otherwise stated, all dimensions are in millimeters.



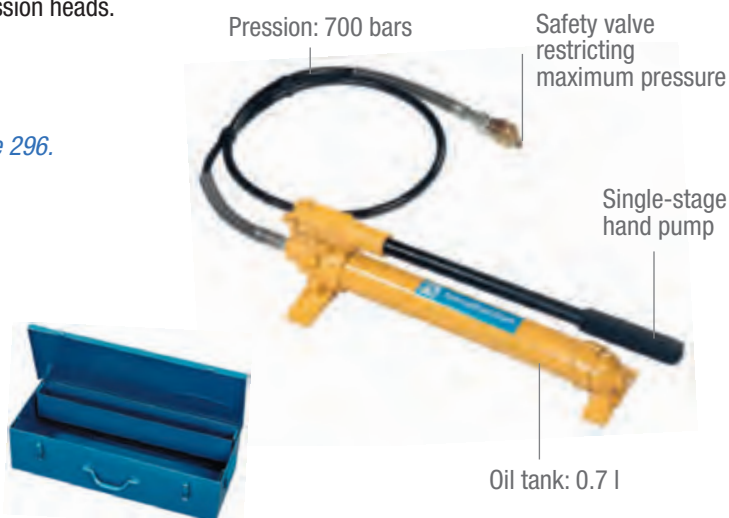
Hydraulic Pumps 700 bars

Hydraulic pump P39

- ✓ Crimping and rounding with 60 to 200 kN compression heads.
- ✓ Length: 400 mm.
- ✓ Weight: 4.900 kg.
- ✓ Fitted with a 1.8 m hydraulic hose.

Please state type of coupler when ordering: see page 296.

Item code	7510051	Part No.	P39K
Item code	7510052	Part No.	P39E
Item code	7510053	Part No.	P39X
✓ Box on request			
Item code	7516020	Part No.	VAL29

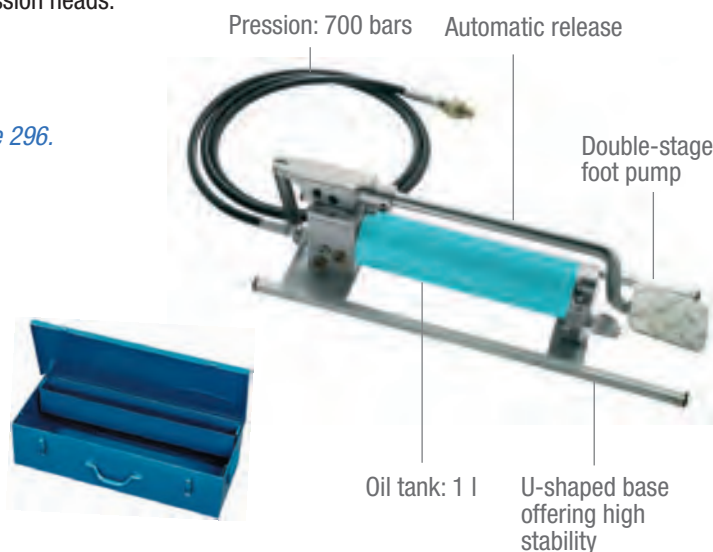


Hydraulic pump SPM4095

- ✓ Crimping and rounding with 60 to 400 kN compression heads.
- ✓ Length: 700 mm.
- ✓ Weight: 12.900 kg.
- ✓ Fitted with a 3 m hydraulic hose.

Please state type of coupler when ordering: see page 296.

Item code	7510075	Part No.	SPM4095K
Item code	7510076	Part No.	SPM4095E
Item code	7510077	Part No.	SPM4095X
✓ Box on request			
Item code	7516040	Part No.	VAL22CR



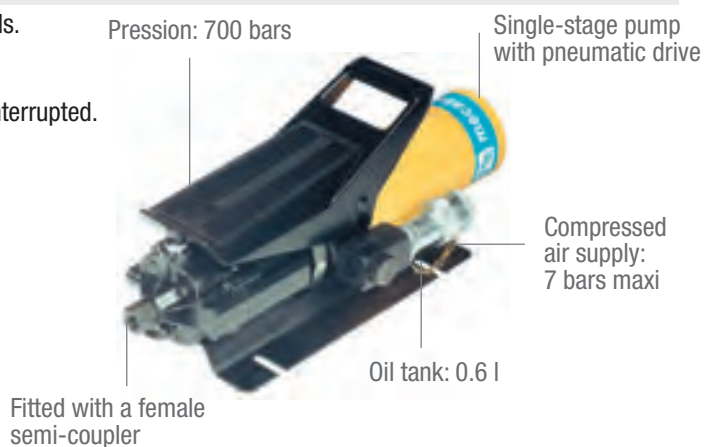
Hydraulic pump PA133

- ✓ Crimping and rounding with 60 to 200 kN compression heads.
- ✓ Length: 400 mm.
- ✓ Weight: 4.900 kg.
- ✓ Triple distributors maintaining pressure when air supply is interrupted.

Hydraulic hose to be ordered: see page 296.

Please state type of coupler when ordering: see page 296.

Item code	7510061	Part No.	PA133K
Item code	7510063	Part No.	PA133E
Item code	7510064	Part No.	PA133X



Unless otherwise stated,
all dimensions are in millimeters.



Portable and compact electro-hydraulic set SPT20-586CM

- ✓ Crimping and rounding with 60 to 400 kN compression heads.
- ✓ Dimensions: 186 x 160 x 350 mm.
- ✓ Weight: 15.500 kg.
- ✓ Flow: 0-20 bars: 2.60 l / mn
20-700 bars: 0.32 l / mn

Hydraulic hose to be ordered: see page 296.

Please state type of coupler when ordering: see page 296.

Delivered in a metal box.

Item code	7510086	Part No.	SPT20-586KCM
Item code	7510088	Part No.	SPT20-586ECM
Item code	7510087	Part No.	SPT20-586XCM



Cordless electro-hydraulic set SEPT13

- ✓ Hydraulic pump 700 bars – single acting
- ✓ Low pressure flow rate: 1.30 l/mn.
- ✓ High pressure flow rate: 0.20 l/mn.
- ✓ Dimensions: 385 x 245 x 210 mm.
- ✓ Weight: 9.400 kg (2 batteries included).
- ✓ Delivered in wooden case : CBSEPT13.

Please state type of coupler when ordering: see page 296.

Item code	7515091	Part No.	SEPT13K
Item code	7515093	Part No.	SEPT13E
Item code	7515092	Part No.	SEPT13X

Additional equipment:

- ✓ Transportation box

Item code	7515095	Part No.	CBSEPT13
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- ✓ Fast charger Li-ion

Item code	7512183	Part No.	CL1430-HC
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- ✓ Battery Li-ion

Item code	7512182	Part No.	BC1430X
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Hydraulic Pumps 700 bars

Electro-hydraulic set SPT36-220

- ✓ Crimping with 200 to 550 kN compression heads.
- ✓ Dimensions: 470 x 330 x 443 mm.
- ✓ Weight: 37 kg.
- ✓ Flow: 0-20 bars: 2.60 l / mn
20-700 bars: 0.50 l / mn

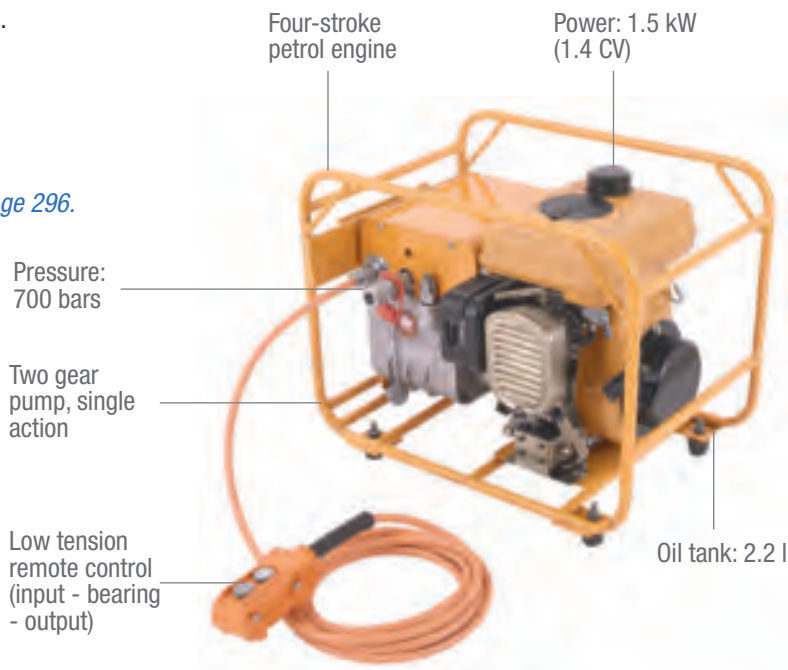
Please state type of coupler when ordering: see page 296.

Delivered in a wooden box.

Part No. SPT36-220KCB

Part No. SPT36-220ECB

Part No. SPT36-220XCB



Hydraulic pumps DPM51-201 and DPT51-220

- ✓ Crimping with double action 1000 kN compression heads.

Pump DPM51-201

- ✓ Dimensions: 670 x 405 x 475 mm.
- ✓ Weight: 60 kg.
- ✓ Flow: 0 - 20 bars : 7.50 l/mn
20 - 700 bars : 1.20 l / mn

Pump DPT 51-220

The same as DPM51-201 except that there is a remote control (input - bearing - output + switch for automatic cycle)

- ✓ Dimensions: 665 x 405 x 440 mm.
- ✓ Weight: 58 kg.

Please state type of coupler when ordering: see page 296.

Delivered in a wooden box.

Part No. DPM51-201KCB

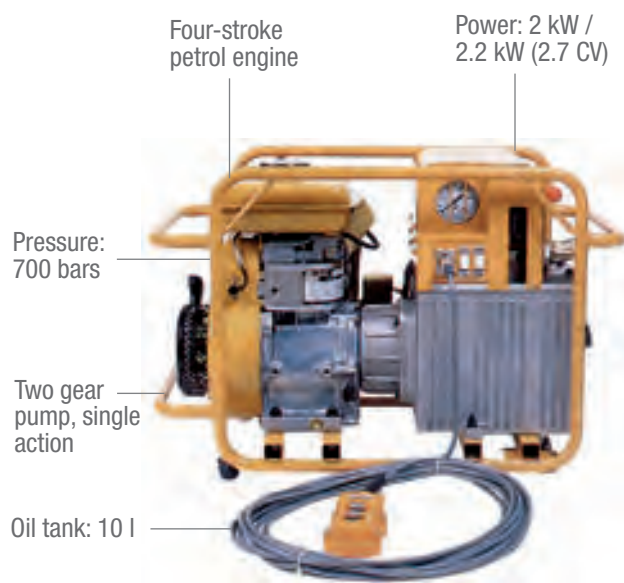
Part No. DPM51-201ECB

Part No. DPM51-201XCB

Part No. DPT51-220KCB

Part No. DPT51-220ECB

Part No. DPT51-220XCB



* **DPT:** Remote control (input - bearing - output + switch for automatic cycle)

* **DPM:** Hand control on the pump (input - bearing - output)

Unless otherwise stated, all dimensions are in millimeters.

Cycle counter

for connectable hydraulic crimping tools



Cycle counter KCHTA10

- ✓ Dimensions (without couplings): H=53 x w=50 x L=80 mm.
(L box alone= 50 mm).
- ✓ Weight (without coupling): 620 g.
- ✓ Communicating tool: three-color indicator/warning LED.
- ✓ Micro-USB connection for computer monitoring.
- ✓ Lifetime: 50 000 cycles.
- ✓ Battery life: 5 years.

Micro-USB connection for access via the **CT Diag software** to the following information:

- ✓ Tool type
- ✓ Serial number
- ✓ Commissioning date
- ✓ Number of cycles
- ✓ Remaining number of cycles
- ✓ 10 last service interventions



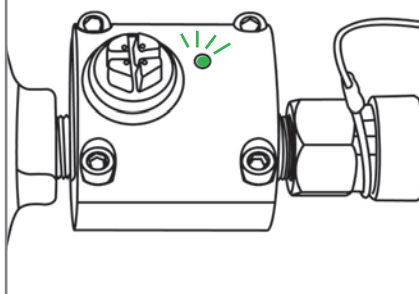
Item code	Part No.	Connection
7510029	KCHTA10M38NPT	2x3/8 NPT males
7510028	KCHTA10F14BSP	3/8NPT male + 1/4BSP female



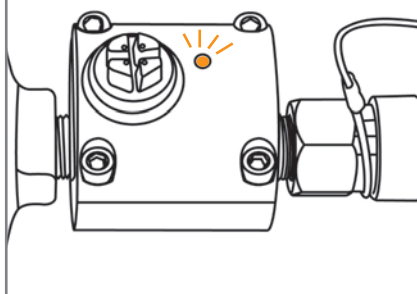
3 color LED indicator gives information about the hydraulic tool condition (flashes 3 times after each crimping operation).

- ✓ Enables monitoring and preventive maintenance during the whole lifetime of the tool.

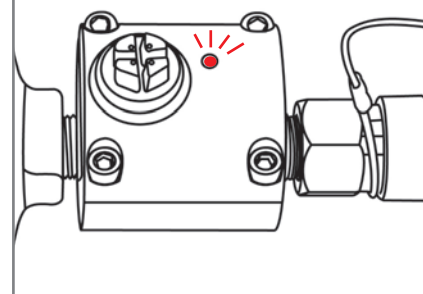
3 x GREEN = Production:
Remaining lifetime > 500 cycles.



3 x ORANGE = Service to plan:
Remaining lifetime < 500 cycles.



3 x RED = Stop / risk:
Over the lifetime.



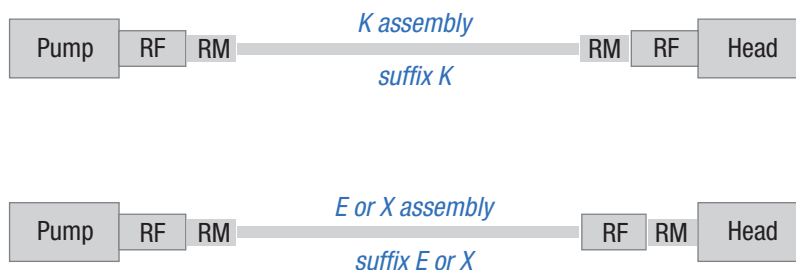
Unless otherwise stated,
all dimensions are in millimeters.



Accessories for Hydraulic Tooling

Hydraulic couplers

✓ Standard equipments for our tools



Type of coupler when ordering

	Type	Item code	Part No.	Dimensions (Threading in ")	Description
	K PIONNER-3/8	7510001	RMK - F38NPT	3/8 - 18 NPT	✓ Male coupler, assembly through 3/8 NPT threaded hole
		7510002	RFK - M38NPT	3/8 - 18 NPT	✓ Female coupling, assembly through 3/8 NPT threaded male socket
	E EDF-3/8	7510003	RME - F38NPT	3/8 - 18 NPT	✓ Male coupler, assembly through 3/8 NPT threaded hole
		7510004	RFE - F38NPT	3/8 - 18 NPT	✓ Female coupling, assembly through 3/8 NPT threaded hole
	X CEJN -3/8 117 Series	7510005	RMX - F38NPT	3/8 - 18 NPT	✓ Male coupler, assembly through 3/8 NPT threaded hole
		7510006	RFX - F38NPT	3/8 - 18 NPT	✓ Female coupling, assembly through 3/8 NPT threaded hole

Hydraulic hoses with couplers type K, E or X



K Type		E Type		X Type		Dimensions
Item code	Part No.	Item code	Part No.	Item code	Part No.	
7510021	F4622K	7510022	F4622E	7510023	F4622X	1.80 m
7510031	F4623K	7510032	F4623E	7510033	F4623X	3.00 m
7510041	F4626K	7510042	F4626E	7510043	F4626X	6.00 m

Hydraulic oils



Item code	Part No.	Applications	Capacity
7516220	HF95X	PA133 and P39	1 L
7516230	B2XV32	Other tools	2 L

Unless otherwise stated, all dimensions are in millimeters.

F'CLIP®



Equipotential bonding
of basket type cable trays
No tools are required



CE

**PATENTED
SYSTEM**

- ✓ **INNOVATIVE SOLUTION WITHOUT TOOLS**
- ✓ **QUICK AND EASY**
- ✓ **QUALIFIED ACCORDING TO THE STANDARD
EN-61439-1**
- ✓ **FIXING TIME APPROXIMATELY
5 TIMES FASTER**
THAN TRADITIONAL METHODS



See page: 185

www.mecatraction.fr



SICAME GROUP



“Dieless” Connectable Hydraulic Hand Compression Tools to Crimp Copper Tubular Lugs and Butt Connectors, Aluminium and Al/Cu Lugs and End Sleeves

Hydraulic hand compression tool HPM400

FORCE 120 kN

- ✓ Without change of die nor indent.
- ✓ Copper tubular lugs and butt connectors from 16 to 400 mm² (CT, CU and DE series)
- ✓ Aluminium and aluminium-copper lugs and end sleeves series NFC 33 090-1 from 50 to 240 mm² with external Ø 38.5 max.
- ✓ Length: 550 mm.
- ✓ Weight: 5.900 kg.

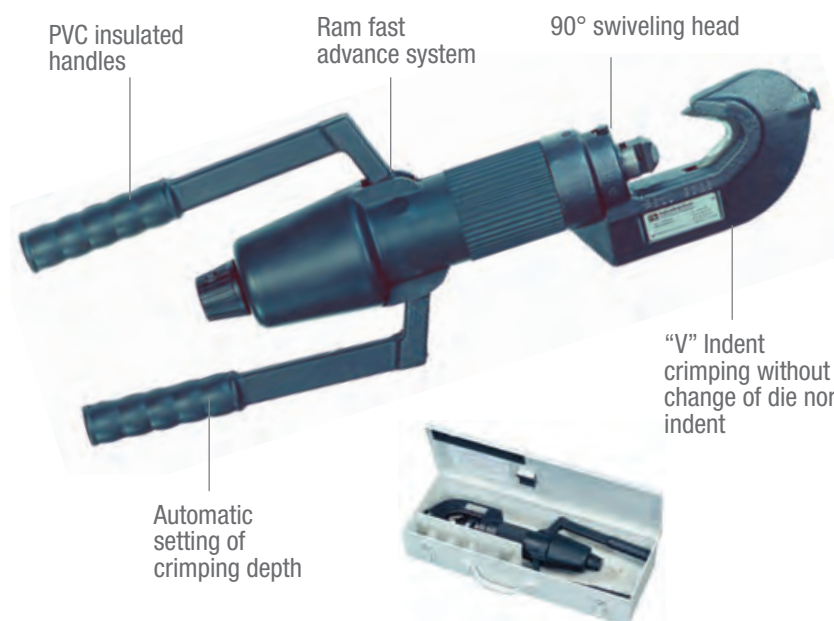
Delivered in a metal box.

Item code 7512051 **Part No.** HPM400

Additional equipment:

- ✓ Aluminium standard rod to control the crimping depth.

Item code 7512050 **Part No.** BE6468



Connectable hydraulic compression tool HPH400

FORCE 120 kN

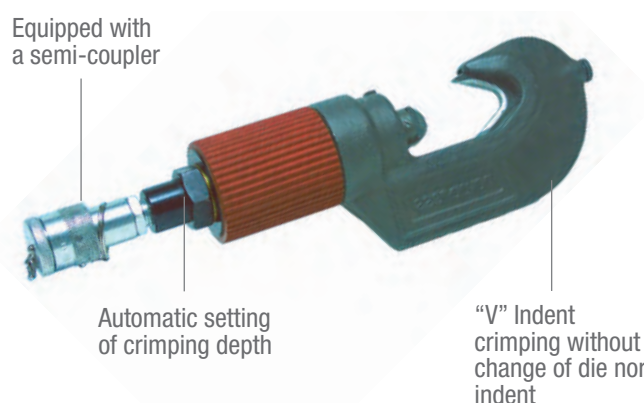
- ✓ Hydraulic compression tool to be connected to hydraulic pumps and sets 700 bars (see page 236).
- ✓ Without change of die nor indent.
- ✓ Copper tubular lugs and butt connectors from 16 to 400 mm² (CT, CU and DE series)
- ✓ Aluminium and aluminium-copper lugs and end sleeves series NFC 33 090-1 from 50 to 240 mm² with external Ø 38.5 max.
- ✓ Length: 380 mm.
- ✓ Weight: 3.700 kg.

Please state type of coupler when ordering: see page 296.

Item code 7512045 **Part No.** HPH400K

Item code 7512046 **Part No.** HPH400E

Item code 7512049 **Part No.** HPH400X



Additional equipment:

- ✓ Aluminium standard rod to control the crimping depth.

Item code 7512050 **Part No.** BE6468

Unless otherwise stated,
all dimensions are in millimeters.

"Dieless" Connectable Hydraulic Hand Compression Tools

to Crimp Copper Tubular Lugs and Butt Connectors,
Aluminium and Al/Cu Lugs and End Sleeves



Cordless Electro-hydraulic Compression Tool HPA400

FORCE 120 kN

- ✓ Copper tubular lugs and butt connectors from 16 to 400 mm² (CT, CU and DE series)
- ✓ Aluminium and aluminium-copper lugs and end sleeves series NFC 33 090-1 from 50 to 240 mm² with external Ø 38.5 max.
- ✓ Crimping time: 9 to 22 seconds with a new battery.
- ✓ Crimping capacity: up to 120 operations with a new battery.
- ✓ Length: 470 mm.
- ✓ Weight: 7.500 kg.

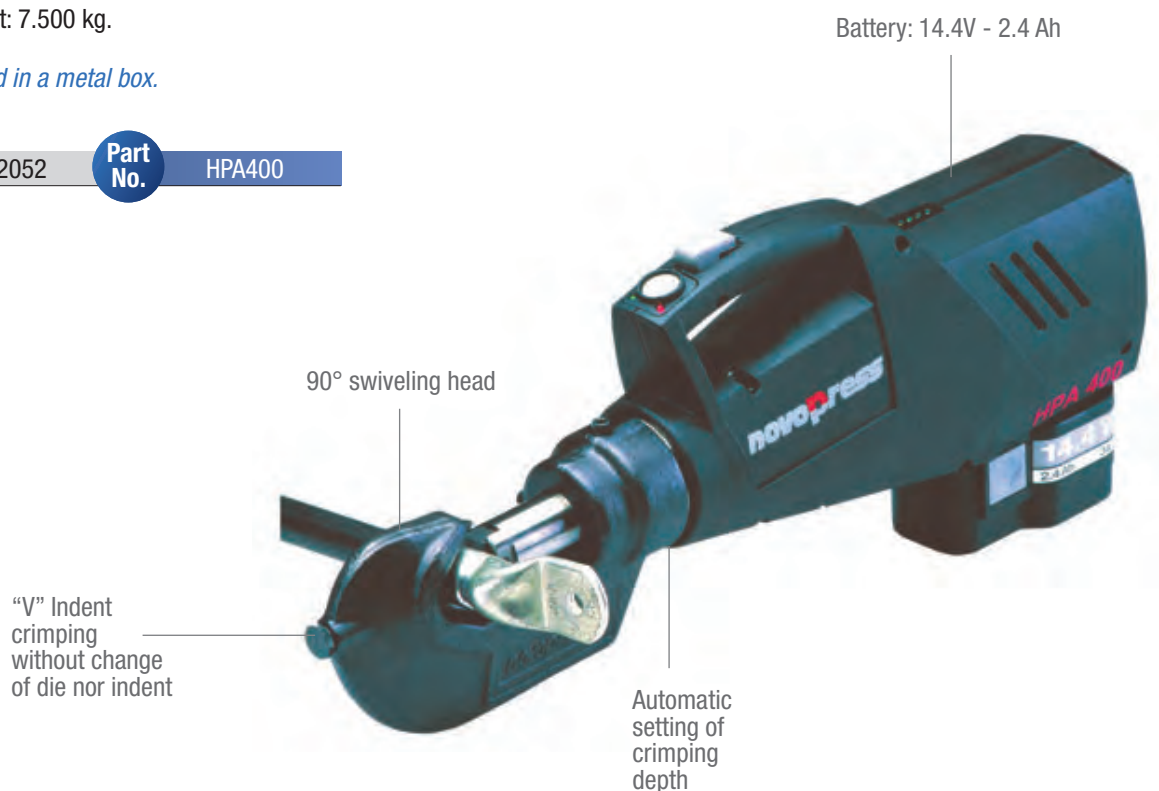
Delivered in a metal box.

Item
code

7512052

Part
No.

HPA400



Additional equipment:

- ✓ Fast charger

Item
code

7512048

Part
No.

CH16403

- ✓ Battery 14.4 V - 2.4 Ah

Item
code

7512047

Part
No.

BA16225

- ✓ Aluminium standard rod to control the crimping depth.

Item
code

7512050

Part
No.

BE6468

Unless otherwise stated,
all dimensions are in millimeters.



Connectable Hydraulic Compression Tools and “Dieless” Electro-hydraulic Set to Crimp Copper Tubular Lugs and Butt Connectors

Connectable hydraulic compression tool HP95

FORCE 60 kN

- ✓ Copper tubular lugs and butt connectors from 10 to 95 mm² (CT, CU and DE series)
- ✓ Length: 350 mm.
- ✓ Weight: 3 kg.

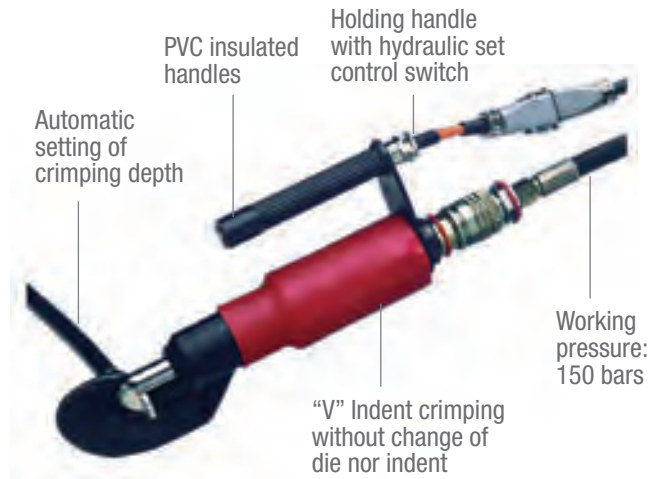
Be careful to use this tool only with hydraulic set 150 bars
Part number HA1ES. (*see below*)

Item
code

7512057

Part
No.

HP95



Connectable hydraulic compression tool HP300

FORCE 100 kN

- ✓ Copper tubular lugs and butt connectors from 50 to 300 mm² (CT, CU and DE series)
- ✓ Length: 430 mm.
- ✓ Weight: 6.750 kg.

Be careful to use this tool only with hydraulic set 150 bars
Part number HA1ES. (*see below*)

Item
code

7512058

Part
No.

HP300



Electro-hydraulic set 150 bars HA1ES

Please use this tool exclusively with hydraulic compression tools HP95 and HP300.

- ✓ Compact and portable electro-hydraulic set 150 bars.
- ✓ Dimensions: 270 x 270 x 470 mm.
- ✓ Weight: 18 kg (with oil).

Delivered fitted with flexible hoses and connectors.

Item
code

7512056

Part
No.

HA1ES



Unless otherwise stated,
all dimensions are in millimeters.



Hand cable-cutter CC7101

- ✓ For copper or aluminium conductors up to Ø 15 mm.

Does not cut steel.

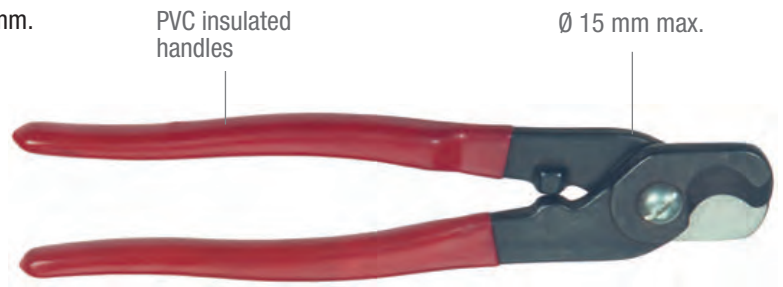
- ✓ Length: 235 mm.
- ✓ Weight: 0.380 kg.

Item
code

7519500

Part
No.

CC7101



Hand cable-cutter CC20

- ✓ For copper or aluminium conductors up to Ø 25 mm.
- ✓ Exceptional new shape and quality of the blade.
- ✓ Preliminary and definitive cutting (1st and 2nd blades).

Does not cut steel.

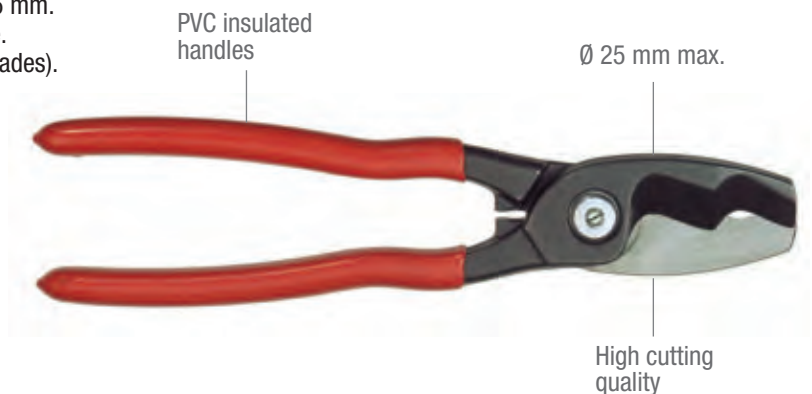
- ✓ Length: 200 mm.
- ✓ Weight: 0.300 kg.

Item
code

7507110

Part
No.

CC20



Hand cable-cutter MK30

- ✓ For copper or aluminium conductors up to Ø 30 mm.
- ✓ For copper or aluminium cables 240 mm².

Does not cut steel.

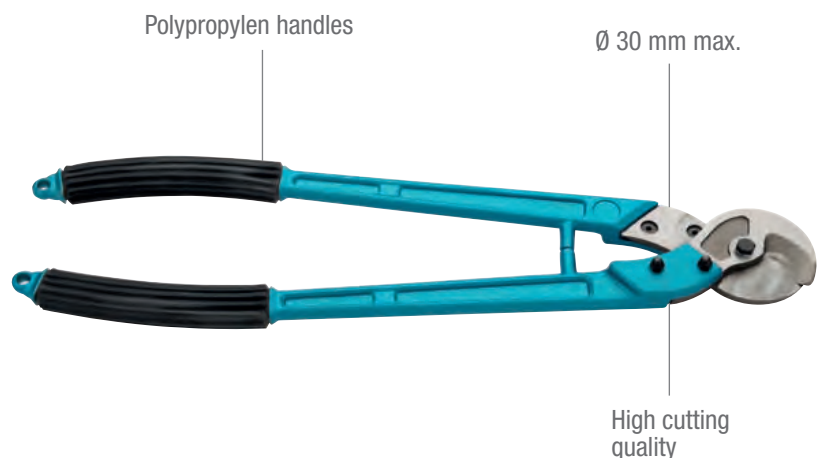
- ✓ Length: 600 mm.
- ✓ Weight: 1.54 kg.

Item
code

7507106

Part
No.

MK30



Unless otherwise stated,
all dimensions are in millimeters.



Hand cable-cutters

Hand ratchet cable-cutter MRK34

- ✓ Cutting capacity for conductors up to Ø 34 mm:
 - Aluminium: 240 mm².
 - Copper: 185 mm².

Does not cut steel.

- ✓ Length: 210 mm.
- ✓ Weight: 0.750 kg.

Item code	7519562	Part No.	MRK34
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Polypropylen
insulated handles

Ø 34 mm max.

Hand ratchet cable-cutter MRK52E

- ✓ Cutting capacity for conductors up to Ø 52 mm:
 - Aluminium: 400 mm².
 - Copper: 400 mm².
 - Telephone cables: Ø 52 mm (ext.)

Does not cut steel.

- ✓ Length: 280 mm.
- ✓ Weight: 1.040 kg.

Item code	7519563	Part No.	MRK52E
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Polypropylen
insulated
handles

Ø 52 mm max.

Hand mechanical cable-cutter MRK62PRO

- ✓ Double bearing mechanical system to reduce cutting force and enhance longevity.
- ✓ Cutting capacity for conductors up to Ø 62 mm:
 - Al/Cu multi-strand wire: 750 mm².
 - Sectoral Al/Cu multi-strand wire: 750mm².
 - Flexible Al/Cu multi-strand wire: 750 mm².
 - Telephone cable: Ø 62 mm (ext.).

Does not cut steel.

- ✓ Length: 410 mm.
- ✓ Weight: 2 kg.

Item code	7519561	Part No.	MRK62PRO
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Polypropylen
insulated
handles

Ø 62 mm max.

Unless otherwise stated,
all dimensions are in millimeters.

Automatic and Programmable Cutting Tool



Cutting tool LC100

- ✓ The cutting tool LC100 cuts cables, tubing and similar with a diameter up to 8 mm.
- ✓ 2 roller bearings which guarantee a carefully advancing of material. Independent measuring rollers guarantee an exact cut length even in case of different materials.
- ✓ Easy sensitive keyboard to enter quickly length and quantity needed.
- ✓ Easy product changing system. When opening front protection bearing and measuring rollers are separated. The product, which is going to be cut, is put in. When closing the front protection bearing and measuring rollers are automatically back in position.
- ✓ A software, given with each LC 100, is used to process and record directly on computer repetitive cut operations in order to transmit it directly to LC100.

Item
code

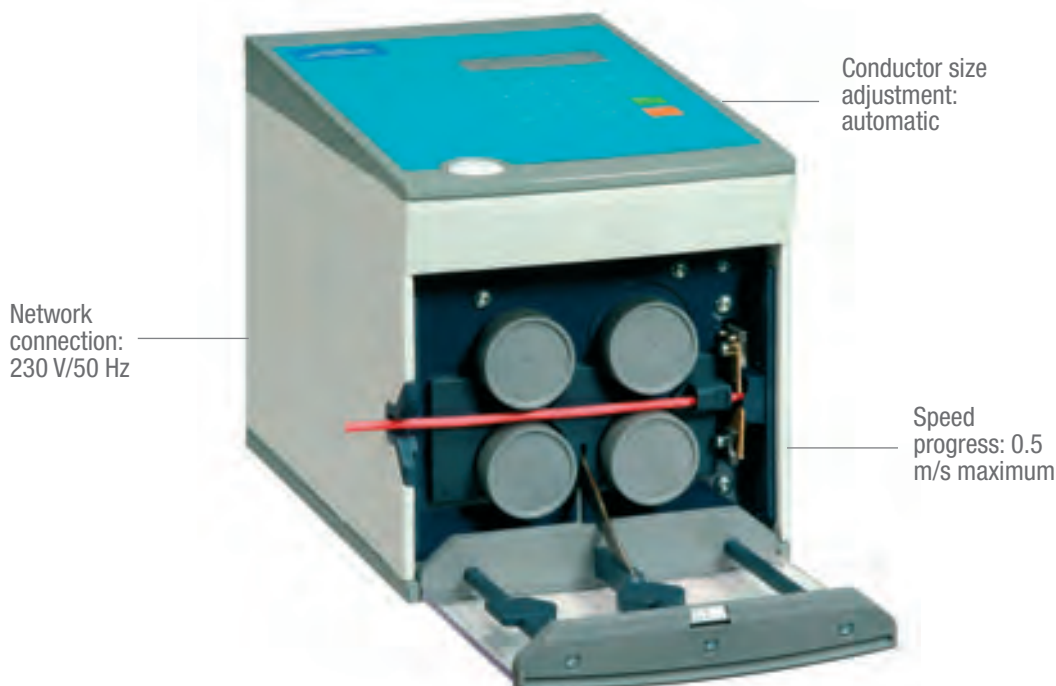
7519882

Part
No.

LC100

- ✓ Cutting capacities:
 - Flexible wire: 0.08 to 10 mm².
 - Rigid wire: 0.08 to 2.5 mm².
 - Maximal cutting diameter: Ø 8 mm.
 - Number of cuts: 1 to 999 pieces.
 - Length: 2 to 99 999 mm.

- ✓ Dimensions: 194 x 295 x 227 mm.
- ✓ Weight: 11 kg.



Unless otherwise stated,
all dimensions are in millimeters.



EK50P integrated electric motor cable-cutter

EK50P integrated electric motor cable-cutter

- ✓ New powerful motor with high torque offers superior performances.
- ✓ New ergonomics for ease of operation during cable cutting. The new handle orientation gives a better arm position.
- ✓ New circuit board which shuts down for overloading protection.
- ✓ Cutting capacity up to Ø 50 mm:
 - Cutting capacity Cu: 500 mm².
 - Cutting capacity Al: 800 mm².
 - Cutting capacity Cu hard, AAAC: 150 mm².
- ✓ Cycle time: 3 to 6 s depending on cable.
- ✓ Autonomy: 60 to 75 cuts with 3.0 Ah.

Never use to cut cables with protective steel strip or cables with steel core.

- ✓ Dimensions (battery included): 380 x 150 x 110 mm.
- ✓ Weight (battery included): 2.950 kg.

Item
code

7519617

Part
No.

EK50P



Additional equipment:

- ✓ Carrying case can be filled with the cable-cutter, 1 charger and 2 batteries.

Item
code

7519618

Part
No.

CMEK50P



Additional equipment: see page 308

Unless otherwise stated,
all dimensions are in millimeters.



EK55P integrated electric motor cable-cutter

- ✓ New powerful motor with high torque offers superior performances.
- ✓ New ergonomics for ease of operation during cable cutting. The new handle orientation gives a better arm position.
- ✓ New circuit board which shuts down for overloading protection.
- ✓ Cutting capacity up to Ø 54 mm max.:
 - Copper cables up to 500 mm².
 - Aluminium cables up to 800 mm².
 - Hard copper cables, AAAC up to 150 mm².
- ✓ Cycle time : 3 to 6 s depending on cable.
- ✓ Autonomy : 60 to 75 cuts with 3,0 Ah.

Never use to cut cables with protective steel strip or cables with steel core.

- ✓ Dimensions (battery included): 410 x 180 x 110 mm.
- ✓ Weight (battery included): 3.340 kg.

Item
code

7519614

Part
No.

EK55P



Additional equipment: see page 308

Additional equipment:

- ✓ Carrying case can be filled with the cable-cutter, 1 charger and 2 batteries.

Item
code

7519616

Part
No.

CMEK55P



Unless otherwise stated,
all dimensions are in millimeters.



Cordless Electro-mechanical Cable-cutter

EK30-63 and EK33-63 cable-cutters

OUTPUT FORCE
65 kN

EK30-63:

- ✓ Cutting capacity up to Ø 30 mm max.

EK33-63:

- ✓ Copper cables only (including flexible cables).
- ✓ Cutting capacity up to Ø 30 mm max.

Never use to cut cables with protective steel strip or cables with steel core.

- ✓ Dimensions (battery included): 390 x 330 x 75 mm.
- ✓ Weight (battery included): 5.300 kg.

Item code 7519645

Part No. EK30-63

Item code 7519646

Part No. EK33-63



Blade rotation: 180°

Sturdy blade of high hardness and high impact strength, easily replaceable

Additional equipment:

- ✓ Carrying case can be filled with the cable-cutter, 1 charger and 2 batteries.

Item code 7519623

Part No. CPEK30-63

- ✓ Carrying strap.

Item code 7512088

Part No. CDC2

Additional equipment: see page 308



Unless otherwise stated,
all dimensions are in millimeters.

Cordless Electro-mechanical Cable-cutter



EK85-83 cable-cutter

OUTPUT FORCE
80 kN

- ✓ Large diameter scissors type cutter with fast advance operation.
- ✓ The scissors type cut provides ease of use and improved accessibility.
- ✓ Protection on start trigger, for an improved safety.
- ✓ Maximum cutting capacity: 85 mm.
 - Cutting capacity Cu: 60 mm.
 - Cutting capacity Al: 60 mm.
 - Cutting capacity CCP: 85 mm.
- ✓ Cycle time: 6 to 15 s depending on cable.
- ✓ Autonomy : 45 to 60 cuts with 3.0 Ah battery.

Item code 7519597

Part No. EK85-83



Never use to cut cables with protective steel strip or cables with steel core.

- ✓ Dimensions (battery included): 530 x 380 x 100 mm.
- ✓ Weight (battery included): 7.300 kg.

Additional equipment:

- ✓ Carrying case can be filled with the cable-cutter, 1 charger and 2 batteries.

Additional equipment: see page 308

Item code 7519598

Part No. CMEK85-83

- ✓ Carrying strap.

Item code 7512088

Part No. CDC2



Unless otherwise stated,
all dimensions are in millimeters.



Batteries, Chargers and Accessories for Cordless Electro-hydraulic Compression Tools EK50P, EK55P, EK30-63, EK33-63, EK85-83 and Hollow Punches

Li-Ion battery for electro-hydraulic compression tools

- ✓ Li-Ion battery: 14.4 V - 3 Ah.
- ✓ Battery equipped with an integrated electronic circuit associated with 3 LED indicating power load.
- ✓ Li-Ion technology without memory effect.
- ✓ Weight: 0.570 kg.

Item
code

7512182

Part
No.

BC1430X



Fast charger for Li-Ion batteries like BC1430X, but also compatible with Ni-Cd and NI-MH batteries

- ✓ Charger tri-technologies : charges BA1420, BA1420X, BB1430, BC1430X batteries.

Warning :

- ✓ We do not guarantee the operation with “adaptable” batteries.
- ✓ Without any information about the characteristics of “adaptable” batteries, their use may damage the charger, consequently it will cancel the warranty.
- ✓ Voltage: 14.4 V.
- ✓ Technology: NiCd - NiMh - Li-Ion.
- ✓ Charging current : 3.0 Ah.
- ✓ Charging time BA1420 / BA1420X: 2.0 Ah - 40 min.
- ✓ Charging time BB1430 / BC1430X: 3.0 Ah - 60 min.
- ✓ Weight: 0.670 kg
- ✓ Voltage: 220 V AC.
- ✓ Main plug: EU - Other plugs: on request.

Item
code

7512183

Part
No.

CL1430HC



Miscellaneous

- ✓ Carrying strap

Item
code

7512088

Part
No.

CDC2

- ✓ Inspection dynamometer according to tooling

Please send us an inquiry.

Unless otherwise stated,
all dimensions are in millimeters.



EA50-600KCM electro-hydraulic cable-cutter

FORCE 60 kN

Cutting capacity:

- ✓ Insulated or non insulated copper cables up to 500 mm².
- ✓ Insulated or non insulated aluminium cables up to 630 mm².
- ✓ Diameter on insulation: 50 mm max.

Never use to cut cables with protective steel strip or cables with steel core.

- ✓ Dimensions: 440 x 390 x 95 mm.
- ✓ Weight: 6.2 kg (battery included).

BLUE EXPERT



180° swiveling nickel-plated head



Service indicator lights informing about the battery charge level and service control if necessary



Electronic controlled function parameters, warning lights and USB interface



Easy and pleasant handling thanks to good ergonomic shape and the bi-material cushion handle. Lithium-Ion 14.4 V - 2.6 Ah batteries, without memory effects. These batteries are 30% lighter than more commonly used batteries.

EA50-600KCM kit of electro-hydraulic cable-cutter

Kit composition:

- ✓ 1 EA50-600KCM cable-cutter
- ✓ 2 Li-Ion batteries 14.4 V
- ✓ 1 battery charger
- ✓ 1 metallic carry case with soft foam protective liner
- ✓ CD-ROM software and USB cable connection
- ✓ User manual
- ✓ Dimensions: 660 x 460 x 110 mm.
- ✓ Weight: 12.510 kg.

Item code 7519404

Part No. EA-50-600-KCM

Metallic carry case

Item code 7519423

Part No. CMEA50-600



Li-Ion batteries

- ✓ Lithium-Ion.
- ✓ 18 V - 1.5 Ah.
- ✓ Weight: 0.415 kg.

Item code 7512154

Part No. BL1815I



Fast charger

- ✓ Charging time: 30 mn.
- ✓ Charging current: 3A.
- ✓ Mains voltage: 220/240 V (50/60 Hz).

Item code 7512153

Part No. CH1830HC



Unless otherwise stated, all dimensions are in millimeters.



Hydraulic Cable-cutters

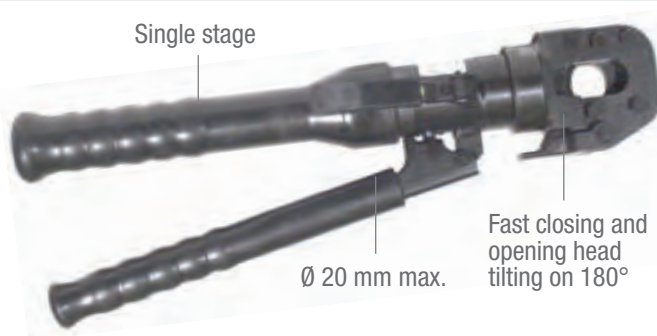
Hand hydraulic cable-cutters

- ✓ Cutting capacity for copper and aluminium conductors up to 20 mm Ø.
- ✓ Length: 400 mm.
- ✓ Weight: 2.800 kg.

Delivered with a carrying bag.

Item code 7519675

Part No. HVA20-40S



Connectable hydraulic cable-cutter

- ✓ Cutting capacity for copper or aluminium conductors up to 30 mm Ø.
- ✓ Length: 225 mm.
- ✓ Weight: 2.700 kg.
- ✓ Connectable on hydraulic pumps (see pages 292 to 294)

Item code 7510501

Part No. SK30-70KCM

Item code 7510502

Part No. SK30-70KSE

Item code 7510503

Part No. SK30-70XCM



Type of coupler to be indicated on the purchase order: see page 296.
Delivered in a metal box.

Ø 30 mm max.

Connectable hydraulic cable-cutter

- ✓ Cutting capacity for copper or aluminium conductors up to 40 mm Ø.
- ✓ Length: 270 mm.
- ✓ Weight: 3.650 kg.
- ✓ Connectable on hydraulic pumps (see pages 292 to 294)

Item code 7510511

Part No. SA40-60SK

Item code 7510512

Part No. SA40-60SE

Item code 7510513

Part No. SA40-60SX



Type of coupler to be indicated on the purchase order: see page 296.
Delivered in a metal box.

Ø 40 mm max.

Connectable hydraulic cable-cutter

- ✓ Cutting capacity for copper or aluminium conductors up to 95 mm Ø.
- ✓ Length: 425 mm.
- ✓ Weight: 8.300 kg.
- ✓ Connectable on hydraulic pumps (see pages 292 to 294)

Item code 7510541

Part No. TC096K

Item code 7510542

Part No. TC096E

Item code 7510543

Part No. TC096X



Type of coupler to be indicated on the purchase order: see page 296.
Delivered in a metal box.

Unless otherwise stated,
all dimensions are in millimeters.



Stripping tool

- ✓ Stripping capacity for flexible or rigid conductors from 0.5 to 6 mm².

Delivered with positioning stop.

Item code	7500161	Part No.	STRIPOMATIC
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Cutting and stripping tool

- ✓ Stripping capacity for flexible or rigid conductors from 0.34 to 6 mm².
- ✓ Can be adjusted depending on hardness and thickness of insulating.

Item code	7519830	Part No.	D5415
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Stripping tool with interchangeable cassette

- ✓ To cut and strip wires from 0.02 to 10 mm².
- ✓ Stripping length and pressure of the knives can be adjusted.

Delivered with cassette CD00510.

Item code	7507120	Part No.	D00510
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Additional equipment:

- ✓ Cassettes for stripping tools D00510.
 - To cut and strip wires from 0.02 to 10 mm².

Item code	7507125	Part No.	CD00510
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- To cut and strip wires from 4 to 16 mm².

Item code	7507127	Part No.	CD416
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Unless otherwise stated, all dimensions are in millimeters.



Electrical Stripping Tool and Cable Stripper Knives

Electrical stripping tool

- ✓ Stripping capacity for flexible or rigid conductors from 0.08 to 6 mm².
- ✓ Max. insulation diameter: Ø 6 mm.
- ✓ Stripping length: 3 to 20 mm.
- ✓ Partial stripping length: 2 to 20 mm.
- ✓ Cycle time: 0.3 s.
- ✓ Accuracy: 0.1 mm.
- ✓ Mains voltage: 220 V – 50 Hz.
- ✓ Dimensions: 363 x 141 x 221 mm.
- ✓ Weight: 9.5 kg.

Item
code

7490019

Part
No.

CS60

LCD screen
displaying real-
time settings

Setting by
using the
buttons



Partial or complete
adjustable
stripping

Cable stripper knife

- ✓ Cable stripping capacity for conductors from Ø 4.5 to 25 mm.

Item
code

7519810

Part
No.

AM1

Cutting depth can be
adjusted with a wheel

Spare blade in the tool body

Swiveling blade allowing
longitudinal cuts



Cable stripper knife

- ✓ Stripping of insulation layers from Ø 25 mm.

Item
code

7507105

Part
No.

DC25



Safe longitudinal
and circular cuts

Cutting depth
from 0 to 5 mm

Reversible
cutting blade



Unless otherwise stated,
all dimensions are in millimeters.



Hand hydraulic hollow punches

FORCE 50 kN

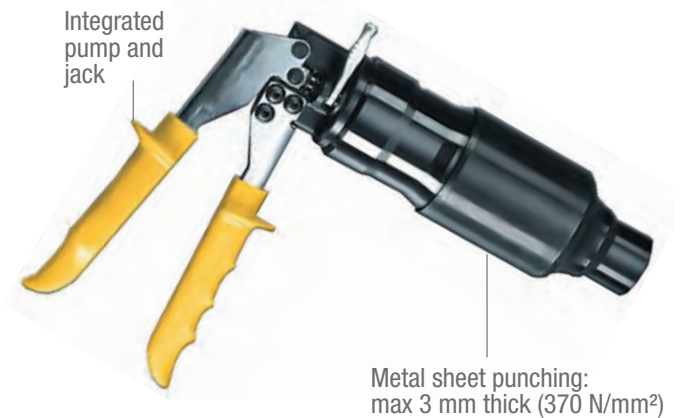
- ✓ Length: 220 mm.
- ✓ Weight: 2.270 kg.

Delivered in metal box with the following accessories:

- ✓ Six punches and dies with various diameters: 15.2 - 18.6 - 20.4 - 22.5 - 28.3 - 30.5 mm.
- ✓ Pulling axle:
Item code: 7512481 Part number: AEP 95
- ✓ Pulling socket:
Item code: 7512491 Part number: DEP 95
- ✓ Cross bar:
Item code: 7512235 Part number: ET 22

Can also use all our punches and dies up to Ø 100 mm (pages 314 and 315).

Item code	7512191	Part No.	LS6
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Hand hydraulic hollow punches

FORCE 70 kN

- ✓ Length: 220 mm.
- ✓ Weight: 3.200 kg.

Delivered with a carrying bag.

Can also use all our punches and dies up to Ø 100 mm (pages 314 and 315).

Item code	7512204	Part No.	HVEP72
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Cordless electro-hydraulic hollow punches

FORCE 70 kN

- ✓ Weight without battery: 3 kg.
- ✓ Automatic release with audible "clik" when cutting is completed due to a calibrated valve when the power of 70 kN has been reached (capacity: approximately 30 cutting operations).

Can also use all our punches and dies up to Ø 100 mm (pages 314 and 315).

Item code	7512197	Part No.	EEP72A
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Carrying bag.

Item code	7512200	Part No.	CPEEP72
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Accessories to be ordered separately, see page 308.



Unless otherwise stated, all dimensions are in millimeters.



Round punches and dies

(steel metal sheet) for hollow punches

Dimensions (mm)	Corresponding cable gland	Punches		Dies		Rubber	
		Item code	Part No.	Item code	Part No.	Item code	Part No.
15.2	9	7512321	PEP15	7512381	MEP15	-	-
16	-	7512322	PEP16	7512382	MEP16	-	-
16.2	-	7512323	PEP162	7512383	MEP162	-	-
16.5	ISO 16	7512564	PEP165ISO	7512565	MEP165ISO	-	-
18.6	11	7512324	PEP186	7512384	MEP186	7512443	CEP186
19	-	7512325	PEP19	7512385	MEP19	7512444	CEP19
20	-	7512326	PEP20	7512386	MEP20	7512445	CEP20
20.4	13 et ISO 20	7512327	PEP204	7512387	MEP204	7512446	CEP204
20.5	ISO 20	7512567	PEP205ISO	7512568	MEP205ISO	7512569	CEP205ISO
22.5	16	7512328	PEP225	7512388	MEP225	7512447	CEP225
25.5	ISO 25	7512570	PEP255ISO	7512571	MEP255ISO	7512572	CEP255 ISO
28.3	21	7512329	PEP283	7512389	MEP283	7512448	CEP283
30.5	Voyant	7512330	PEP305	7512380	MEP305	7512449	CEP305
32	ISO 32	7512331	PEP32	7512391	MEP32	7512450	CEP32
32.5	ISO 32	7512579	PEP325ISO	7512580	MEP325ISO	7512581	CEP325ISO
33	-	7512332	PEP33	7512392	MEP33	7512451	CEP33

Pulling axle		Pulling socket		Cross bar	
Item code	Part No.	Item code	Part No.	Item code	Part No.
7512481	AEP95	7512491	DEP95	7512235	ET22

Dimensions (mm)	Corresponding cable gland	Punches		Dies		Rubber	
		Item code	Part No.	Item code	Part No.	Item code	Part No.
35	-	7512333	PEP35	7512393	MEP35	7512452	CEP35
37	29	7512334	PEP37	7512394	MEP37	7512453	CEP37
40	ISO 40	7512335	PEP40	7512395	MEP40	7512454	CEP40
40.5	ISO 40	7512582	PEP405ISO	7512583	MEP405ISO	7512584	CEP405ISO
43.2	-	7512336	PEP432	7512396	MEP432	7512455	CEP432
44	-	7512337	PEP44	7512397	MEP44	7512456	CEP44
47	36	7512338	PEP47	7512398	MEP47	7512457	CEP47
48	-	7512339	PEP48	7512399	MEP48	7512458	CEP48
50	ISO 50	7512340	PEP50	7512400	MEP50	7512459	CEP50
50.5	ISO 50	7512576	PEP505ISO	7512577	MEP505ISO	7512578	CEP505ISO
54	42	7512341	PEP54	7512401	MEP54	7512460	CEP54
55	-	7512342	PEP55	7512402	MEP55	7512461	CEP55
59.3	48	7512343	PEP593	7512403	MEP593	7512462	CEP593
63.5	ISO 63	7512573	PEP635ISO	7512574	MEP635ISO	7512575	CEP635ISO
65	-	7512344	PEP65	7512404	MEP65	7512463	CEP65
66	-	7512345	PEP66	7512405	MEP66	7512464	CEP66
70	-	7512346	PEP70	7512406	MEP70	7512465	CEP70
75	-	7512347	PEP75	7512407	MEP75	7512466	CEP75
80	-	7512348	PEP80	7512408	MEP80	7512467	CEP80
82	-	7512349	PEP82	7512409	MEP82	7512468	CEP82
86	-	7512350	PEP86	7512410	MEP86	7512469	CEP86
90	-	7512351	PEP90	7512411	MEP90	7512470	CEP90
92	-	7512352	PEP92	7512412	MEP92	7512471	CEP92
100	-	7512353	PEP100	7512413	MEP100	7512472	CEP100

Pulling axle		Pulling socket	
Item code	Part No.	Item code	Part No.
7512501	AEP190	7512235	ET22

Unless otherwise stated,
all dimensions are in millimeters.

Round punches and dies (stainless steel metal sheet) for hollow punches



		Punches		Dies		Axle for punch		Socket	
 Dimensions (mm)		Item code	Part No.	Item code	Part No.	Item code	Part No.	Item code	Part No.
16.5	ISO 16	7512541	PEP165INOX	7512542	MEP165INOX	7512482	AEP95INOX	9.5	7512491
20.4	PG 13	7512437	PEP204INOX	7512437	MEP204INOX	7512492	AEP135INOX	13.5	
20.5	ISO 20	7512543	PEP205INOX	7512544	MEP205INOX	7512492	AEP135INOX	13.5	
22.5	PG 16	7512375	PEP225INOX	7512435	MEP225INOX	7512492	AEP135INOX	13.5	
25.5	ISO 25	7512545	PEP255INOX	7512546	MEP255INOX	7512492	AEP135INOX	13.5	
30.5	Visual indicator	7512376	PEP305INOX	7512379	MEP305INOX	7512492	AEP135INOX	13.5	
32.5	ISO 32	7512547	PEP325INOX	7512547	MEP325INOX	7512502	AEP190INOX	19	
40.5	ISO 40	7512549	PEP405INOX	7512550	MEP405INOX	7512502	AEP190INOX	19	
50.5	ISO 50	7512551	PEP505INOX	7512552	MEP505INOX	7512502	AEP190INOX	19	
63.5	ISO 63	7512553	PEP635INOX	7512554	MEP635INOX	7512502	AEP190INOX	19	

Square and rectangular punches and dies (steel metal sheet) for hollow punches

		Punches		Dies		Axle for punch		Bolt for punch	
 Dimensions (mm)		Item code	Part No.	Item code	Part No.	Item code	Part No.	Item code	Part No.
17 x 17		7512354	PEPC17	7512414	MEPC17	7512517	AEPC66	7512520	EEPC70
26 x 26		7512355	PEPC26	7512415	MEPC26	7512518	AEPC50	7512521	EEPC42
46 x 46		7512356	PEPC46	7512416	MEPC46	7512513	AEPC41	7512526	EEPC43
51.5 x 51.5		7512357	PEPC51	7512417	MEPC51	7512513	AEPC41	7512526	EEPC43
68 x 68		7512358	PEPC68	7512418	MEPC68	7512513	AEPC41	7512526	EEPC43
72 x 72		7512359	PEPC72	7512419	MEPC72	7512513	AEPC41	7512526	EEPC43
92 x 92		7512432	PEPC92	7512372	MEPC92	7512513	AEPC41	7512526	EEPC43
21 x 27		7512361	PEPR2127	7512421	MEPR2127	7512511	AEPR40	7512521	EEPR42
22 x 33		7512362	PEPR33	7512422	MEPR33	7512369	AEPR50	7512521	EEPR42
22 x 42		7512367	PEPR42	7512427	MEPR42	7512369	AEPR50	7512521	EEPR42
25 x 50		7512368	PEPR50	7512428	MEPR50	7512389	AEPR50	7512521	EEPR42
26 x 27		7512366	PEPR27	7512426	MEPR27	7512511	AEPR40	7512521	EEPR42
27 x 33		7512363	PEPR2733	7512423	MEPR2733	7512369	AEPR50	7512521	EEPR42
30.5 x 50		7512364	PEPR30550	7512424	MEPR30550	7512369	AEPR50	7512521	EEPR42
42 x 46		7512365	PEPR46	7512425	MEPR46	7512429	AEPR41	7512373	EEPR43
44 x 92		7512360	PEPR92	7512420	MEPR92	7512429	AEPR41	7512373	EEPR43

Unless otherwise stated,
all dimensions are in millimeters.



Instructions for crimping



1 crimping operation



n crimping operations



Hexagonal crimping of copper tubular lugs

CT series (NFC 20130) - CU series - DE series (DIN-EN 61238-1) - YCA series (DIN 46235)

Type of hexagonal dies - CT series

Sections mm ²	D35 HCU...		D5 HCU...		C6 HCU...		H8 HCU...		C8 HCU...		D10 HCU...		C12 HCU...		U13 HCU...		U21 HCU...	
	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.
4	5	1	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	9	1	9	1	9	1	9	1	9	1	-	-	9	1	-	-	-	-
10	9	1	9	1	9	1	9	1	9	1	-	-	9	1	-	-	-	-
16	9	1	9	1	9	1	9	1	9	1	-	-	9	1	-	-	-	-
25	9	1	9	1	9	1	9	1	9	1	-	-	9	1	9	1	-	-
35	9	1	5	2	9	1	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
50	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
70	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
95	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
120	3,5	3	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
150	3,5	3	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
185	-	-	-	-	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	-	-
240	-	-	-	-	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	-	-
300	-	-	-	-	4	3	-	-	5	3	5	3	12 (2x5)	2	12 (2x5)	2	19 (3x5)	1
400	-	-	-	-	-	-	-	-	-	-	-	-	6	3	-	-	19 (3x5)	1
500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 (2x5)	2
630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 (2x5)	2

Sections mm ²	Type of hexagonal dies - CU series -						Type of hexagonal dies - DE series -										Type of hexagonal dies - YCA series -							
	D5 ECU... C6 ECU... C12 ECU...						D35 R...		D5 R...		C6 R...		C12 R...		H25 R...		D35 K...		C6 K...		C12 K...		H25 K...	
	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.
6	5	1	5	1	7	1	5	1	5	1	10	1	10	1	-	-	5	2	5	2	10	1	—	—
10	5	1	5	1	7	1	5	1	5	1	10	1	10	1	-	-	5	2	5	2	10	1	—	—
16	5	1	5	1	7	1	5	1	5	1	10	1	10	1	-	-	5	2	5	2	10	1	10	1
25	5	1	5	1	10	1	5	2	5	2	10	1	10	1	-	-	5	2	5	2	10	1	10	1
35	5	1	5	1	14	1	5	2	5	2	10	1	10	1	-	-	5	2	5	2	10	1	10	1
50	5	2	5	2	12	1	5	2	5	2	5	2	13	1	-	-	5	3	5	3	13	1	13	1
70	5	2	5	2	12	1	5	2	5	2	5	2	13	1	-	-	5	3	5	3	13	1	13	1
95	5	2	5	2	12	1	5	2	5	2	5	2	14	1	-	-	5	4	5	4	14	2	14	2
120	5	2	5	2	12	1	5	2	5	2	5	2	14	1	15	1	-	-	5	4	14	2	14	2
150	5	3	5	3	12	1	5	2	5	2	5	2	14	1	20	1	-	-	5	4	10	2	15	2
185	-	-	-	-	14	1	-	-	-	-	5	2	11	1	20	1	-	-	5	4	10	2	15	2
240	-	-	-	-	14	2	-	-	-	-	5	4	11	2	20	1	-	-	5	4	10	2	15	2
300	-	-	-	-	7	3	-	-	-	-	5	4	11	2	20	1	-	-	5	4	7	3	17	2
400	-	-	-	-	7	3	-	-	-	-	-	-	5	4	20	1	-	-	-	-	-	-	17	3
500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	3
625	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	3

L.mm = Width of the die indent.

Nbr. = Number of crimping operations to be done

Unless otherwise stated, all dimensions are in millimeters.



Crimping of "C" type connectors

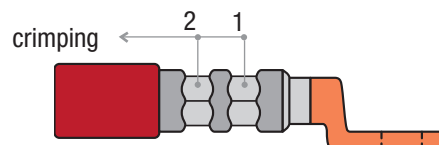


«C» type connectors

	Type of dies - C series																	
	D35 HCU...		D5 HCU...		C6 HCU...		H8 HCU...		C8 HCU...		D10 HCU...		C12 HCU...		U13 HCU...		U21 HCU...	
	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.
C6	9	1	9	1	9	1	9	1	9	1	-	-	9	1	-	-	-	-
C10	9	1	9	1	9	1	9	1	9	1	-	-	9	1	-	-	-	-
C16	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
C25-10	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
C25 PM	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
C25	3.5	2	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
C35	3.5	2	5	2	5	2	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
C50	-	-	-	-	-	-	5	2	5	2	12 (2x5)	1	12 (2x5)	1	12 (2x5)	1	-	-
C70-35	-	-	-	-	-	-	-	-	-	-	-	-	12 (2x5)	1	12 (2x5)	1	-	-
C70	-	-	-	-	-	-	-	-	-	-	-	-	12 (2x5)	1	12 (2x5)	1	-	-
C75	-	-	-	-	-	-	-	-	-	-	-	-	9	2	9	2	14 (2x4.5)	1
C95-35	-	-	-	-	-	-	-	-	-	-	-	-	9	2	9	2	14 (2x4.5)	1
C95	-	-	-	-	-	-	-	-	-	-	-	-	9	2	9	2	14 (2x4.5)	1
C120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14 (2x4.5)	1
C150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14 (2x4.5)	1
C185-95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14 (2x4.5)	1
C185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
C240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3



Hexagonal crimping of aluminium/copper terminals ICAU and ICAU...C series



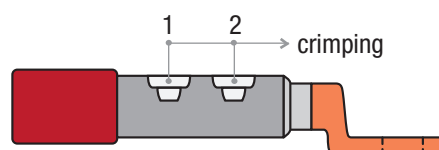
	Type of dies															
	D35 E...		D5 E...		C6 E...-C6 X...		H8 E...		C8 E...-C8 X...		D10 E...		C12E...-C12X...		U13 E...	
Sections mm ²	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.	L.mm	Nbr.
35	9	2	9	2	9	2	9	2	20 (2x9)	1	9	2	20 (2x9)	1	20 (2x9)	1
50	9	2	9	2	9	2	9	2	20 (2x9)	1	9	2	20 (2x9)	1	20 (2x9)	1
70	9	2	9	2	9	2	9	2	20 (2x9)	1	9	2	20 (2x9)	1	20 (2x9)	1
95	9	2	9	2	9	2	9	2	20 (2x9)	1	9	2	20 (2x9)	1	20 (2x9)	1
120	9	2	9	2	9	2	9	2	20 (2x9)	1	9	2	20 (2x9)	1	20 (2x9)	1
150	-	-	-	-	9	2	9	2	9	2	20 (2x9)	1	20 (2x9)	1	20 (2x9)	1
185	-	-	-	-	9	2	9	2	9	2	20 (2x9)	1	20 (2x9)	1	20 (2x9)	1
240	-	-	-	-	9	2	9	2	9	2	20 (2x9)	1	20 (2x9)	1	20 (2x9)	1
300	-	-	-	-	9	2	9	2	9	2	9	2	9	2	9	2

L.mm = Width of the die indent.

Nbr. = Number of crimping operations to be done

Crimping of aluminium and alu/copper terminals and butt connectors EDF series to be indented

- 2 indentations for all the sections of terminals and butt connectors.



Unless otherwise stated, all dimensions are in millimeters.

Notes



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