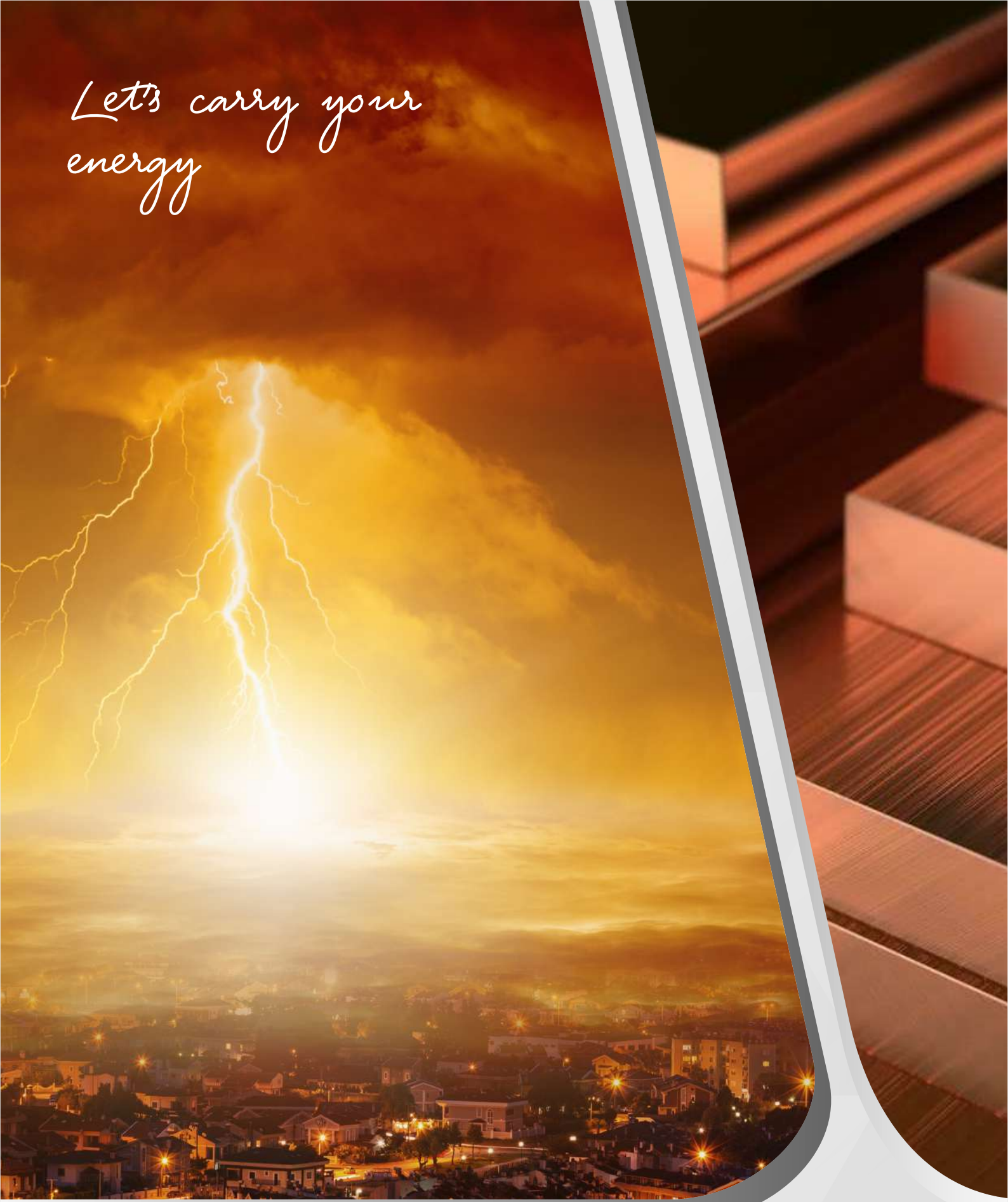


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energy*



VOLTA MÜHENDİSLİK

SAN. VE TİC. LTD. ŞTİ.

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ABOUT US

Volta Engineering, as our name suggests, was established in 2016 with the aim of adopting an engineering consciousness, and we built our foundation and progress in the industry on engineering principles, as stated.

Volta Engineering, which continues its production activities on the Balıkesir-Izmir highway, is a company that produces copper, brass, aluminum, and other raw materials required by the industrial electrical sector in Turkey and worldwide, into finished products with its advanced machinery park in a production facility that covers a total of 3500 m2, 2000 m2 of which is indoor, in compliance with ISO 9001-2015 quality standards.

While preparing our products for you, we operate in our integrated facility, where we carry out our own production, solution-oriented by combining your requests with our experience, and providing alternatives when necessary without compromising on our quality. Volta Engineering, which has signed many firsts in the industry with its technological investments, is a pioneer in creating economic, social, and environmental values under the principle of sustainability. With ISO 14001, we reduce our costs by using natural resources correctly, increase our efficiency, and offer the highest quality product to the customer at the right time, effectively, and with the most suitable pricing.

With our slogan "Let's carry your energy," we provide comprehensive engineering solutions on-site or remotely with our young and dynamic qualified production staff, and our experienced engineer team manages the entire process, including planning, project design, production, and renovation services, according to the environmental management system, from the design stage of the project to its delivery. We offer our on-site engineering solutions to you at the highest level with our technical team.

We have taken it upon ourselves to keep not only customer satisfaction-based but also our employees' satisfaction at the highest level. We continuously work not only on our customer relations but also to offer the best to our employees, thinking that products produced in a company where employees are not happy will not be good enough. We offer all kinds of training support advantages by anticipating the education our employees will use both in production and outside of business life.

In the industrial electrical sector, we provide our flexible, fast, and alternative solutions with our wide range of products through the concept of business partnership, without any supplier discrimination. We use the Excellence Principle in Total Quality most effectively with methodologies in our company and offer it to our customers. Our company continues its efforts within the framework of growth goals.

OUR VISION

Become the world's leading manufacturer in the industrial electrical sector, offering flexible and economical solutions with a wide range of products to its customers with high quality and on-time delivery principles.

OUR MISSION

Establish a corporate culture that values engineering and discipline as principles, considers the happiness of its employees as the highest value, sets quality as the starting point, and conducts its activities through the concept of business partner, leaving aside the customer-supplier distinction.

BRAIDED COPPER TAPES

Pure or tin-plated copper wires with a diameter of 0.10-0.30 mm can be produced in accordance with DIN standards as annealed or tin-plated. They provide high flexibility and ease of installation and can be used as a current conductor. Upon our customers' request, they are shipped in reels of desired width and length or cut and packaged in designated dimensions.

BRAIDED COPPER TAPES						
UNCOATED PRODUCT CODE	TINNED PRODUCT CODE	CROSS SECTION mm ²	STRUCTURE			Weight kg/100m
			Wire diameter (mm)	Width (mm)	Thickness (mm)	
BFN-010-10	BFP-010-10	10	0,1	13,8	1,3	10
BFN-016-10	BFP-016-10	16	0,1	18	2	16
BFN-025-10	BFP-025-10	25	0,1	20	2,4	25
BFN-035-10	BFP-035-10	35	0,1	26	2,3	35
BFN-050-10	BFP-050-10	50	0,1	33	2,8	50
BFN-070-10	BFP-070-10	70	0,1	38	3	70
BFN-095-10	BFP-095-10	95	0,1	45	4,5	95
BFN-120-10	BFP-120-10	120	0,1	50	4,5	120
BFN-140-10	BFP-140-10	140	0,1	55	5,3	140
BFN-168-10	BFP-168-10	168	0,1	70	4,5	168
BFN-010-20	BFP-010-20	10	0,2	13	1,2	10
BFN-016-20	BFP-016-20	16	0,2	20	1,6	16
BFN-025-20	BFP-025-20	25	0,2	22	2,5	25
BFN-035-20	BFP-035-20	35	0,2	24	3	35
BFN-050-20	BFP-050-20	50	0,2	30	3,4	50
BFN-070-20	BFP-070-20	70	0,2	35	4,5	70
BFN-095-20	BFP-095-20	95	0,2	35	5	95
BFN-120-20	BFP-120-20	120	0,2	35	6,8	120
BFN-150-20	BFP-150-20	150	0,2	38	7,9	150
BFN-185-20	BFP-185-20	185	0,2	40	9	185
BFN-240-20	BFP-240-20	240	0,2	40	12	240

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ROUND BRAIDED COPPER CABLES

Round braided copper cables are manufactured using pure or tin-plated copper wires between 0.10 mm and 0.20 mm in diameter. They provide high flexibility due to being made from thin wire. They are suitable for use in narrow areas with high current capacity. They can be manufactured in flat, round, or square shapes, and in either uncoated or tin-plated braided form, according to the requirements of our customers. They can be wound onto spools according to the desired length or weight as grounding and chassis cables, and packaged for shipment.

ROUND BRAIDED COPPER CABLES					
UNCOATED PRODUCT CODE	TINNED PRODUCT CODE	CROSS SECTION mm ²	STRUCTURE		WEIGHT kg/100m
			DIAMETER	FINAL DIAMETER mm	
BCN-010-10	BCP-010-10	10	0,1	5	10
BCN-012-10	BCP-012-10	12	0,1	5,5	12
BCN-016-20	BCP-016-20	16	0,2	6,3	16
BCN-021-20	BCP-021-20	21	0,2	7,2	21
BCN-025-20	BCP-025-20	25	0,2	7,9	25
BCN-035-20	BCP-035-20	35	0,2	9,7	35
BCN-050-20	BCP-050-20	50	0,2	12	50
BCN-070-20	BCP-070-20	70	0,2	14,5	70
BCN-095-20	BCP-095-20	95	0,2	17	95
BCN-120-20	BCP-120-20	120	0,2	18,5	120
BCN-150-20	BCP-150-20	150	0,2	20,5	150
BCN-185-20	BCP-185-20	185	0,2	23	185
BCN-240-20	BCP-240-20	240	0,2	26	240

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ROUND STRANDED COPPER CABLES

Round stranded copper cables are manufactured using pure or tin-plated copper wires between 0.10 mm and 0.20 mm in diameter. They are ideal materials for use in narrow and movable environments with high current capacity due to their high flexibility. They can be manufactured in rope form by turning thin wire materials with high cross-sections. They can be shipped on spools or cut to the desired length and packaged according to the customer's request.

ROUND STRANDED COPPER CABLES					
UNCOATED PRODUCT CODE	TINNED PRODUCT CODE	CROSS SECTION MM ²	STRUCTURE		WEIGHT kg/100m
			WIRE DIAMETER mm	FINAL DIAMETER mm	
TN-0010-10	TP-0010-10	10	0,1	4,5	10
TN-0016-10	TP-0016-10	16	0,1	5,7	16
TN-0205-10	TP-0205-10	25	0,10	7,5	25
TN-0035-10	TP-0035-10	35	0,10	9	35
TN-0050-10	TP-0050-10	50	0,10	11	50
TN-0070-10	TP-0070-10	70	0,10	13	70
TN-0095-10	TP-0095-10	95	0,10	15	100
TN-0120-10	TP-0120-10	120	0,10	17	127
TN-0150-10	TP-0150-10	150	0,10	19	158
TN-0185-10	TP-0185-10	185	0,10	21	194
TN-0240-10	TP-0240-10	240	0,10	23,5	247
TN-0300-10	TP-0300-10	300	0,10	27,5	310
TN-0400-10	TP-0400-10	400	0,10	33	410
TN-0500-10	TP-0500-10	500	0,10	38	508
TN-0600-10	TP-0600-10	600	0,10	43	600
TN-0750-10	TP-0750-10	750	0,10	46	750
TN-0850-10	TP-0850-10	850	0,10	48	850
TN-xxxx-ab	TP-xxx-ab	xxx	0,ab (0,15-0,85)	xxx	xxxx

VERY FLEXIBLE FLIBLEX

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BRAIDED COPPER BARS

These types of copper bars, called flexible braided copper bars, are manufactured by braiding pure or tin-plated copper wires according to customer preferences and attaching materials such as copper pipes, crimp cable lug, or simply processing them with a press at the ends of the braided wires.



Production is carried out in the desired size and shape according to customer demand. If requested, products can be coated with insulation materials such as silicone or heat-shrinking tubing (macaron) for protection.

BRAIDED SHUNTS

These connectors are made of 0.10-0.20 mm tin-plated or pure copper wires. They are manufactured by attaching tin-plated or unplated copper pipes to the contact parts of braided tapes and pressing them. They are used as a replacement for cable connections as a current conductor. They can be directly mounted without the need for additional cutting or drilling during assembly. They can be used as a current-carrying and grounding element in each section. At the customer's request, extra tin or insulation material can be added to the end or around the bar.



FLEXIBLE BRAIDED COPPER BARS

Flexible braided copper bars are made from tin-plated or pure copper wires. They are manufactured by pressing braided bands onto the end contacts of copper tubes that are either tin-plated or unplated. They can be produced in forms such as L, U, C, and S, according to customer requests. They can also be covered with insulation materials. They provide convenience and flexibility during assembly.

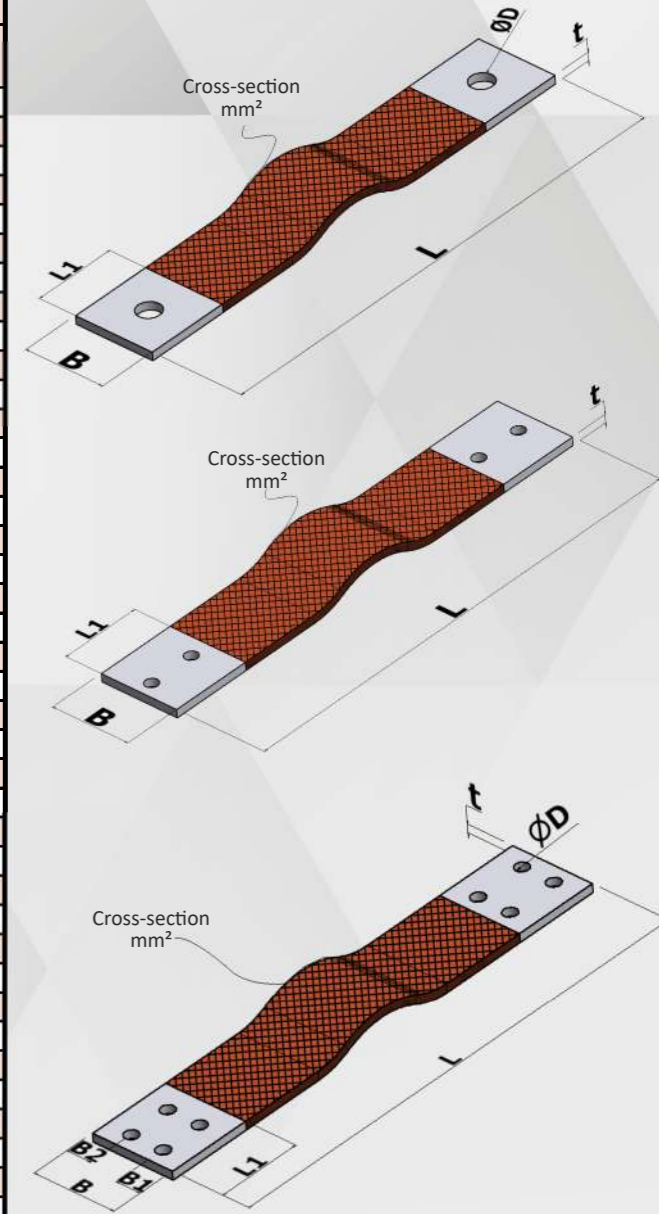


FLEXIBLE BRAIDED COPPER BARS

BRAIDED COPPER BARS						
UNCOATED PRODUCT CODE	TINNED PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS			
			L mm	L1 mm	B mm	t mm
BSN-02504	BSP-02504	50			25	4
BSN-02505	BSP-02505	75			25	5
BSN-02507	BSP-02507	100			25	7
BSN-02509	BSP-02509	125			25	9
BSN-03004	BSP-03004	50			30	4
BSN-03005	BSP-03005	75			30	5
BSN-03009	BSP-03009	150			30	9
BSN-03011	BSP-03011	200			30	11
BSN-04005	BSP-04005	100			40	5
BSN-04007	BSP-04007	150			40	7
BSN-04008	BSP-04008	200			40	8
BSN-04010	BSP-04010	250			40	10
BSN-04011	BSP-04011	300			40	11
BSN-05006	BSP-05006	150			50	6
BSN-05008	BSP-05008	200			50	8
BSN-05009	BSP-05009	250			50	9
BSN-05011	BSP-05011	400			50	11
BSN-05016	BSP-05016	550			50	16
BSN-06006	BSP-06006	150			60	6
BSN-06007	BSP-06007	200			60	7
BSN-06009	BSP-06009	350			60	9
BSN-06011	BSP-06011	500			60	11
BSN-06012	BSP-06012	550			60	12
BSN-08006	BSP-08006	200			80	6
BSN-08008	BSP-08008	350			80	8
BSN-08010	BSP-08010	400			80	10
BSN-08012	BSP-08012	500			80	12
BSN-08014	BSP-08014	670			80	14
BSN-08016	BSP-08016	840			80	16
BSN-08018	BSP-08018	1000			80	18
BSN-10006	BSP-10006	300			100	6
BSN-10008	BSP-10008	400			100	8
BSN-10010	BSP-10010	500			100	10
BSN-10012	BSP-10012	600			100	12
BSN-10015	BSP-10015	800			100	15
BSN-10017	BSP-10017	1000			100	17
BSN-10024	BSP-10024	1500			100	24
BSN-12011	BSP-12011	600			120	11
BSN-12013	BSP-12013	800			120	13
BSN-12015	BSP-12015	1000			120	15
BSN-12016	BSP-12016	1200			120	16
BSN-12021	BSP-12021	1500			120	21
BSN-12030	BSP-12030	2000			120	30
BSN-12036	BSP-12036	3000			120	36

ACCORDING TO CUSTOMER'S REQUEST

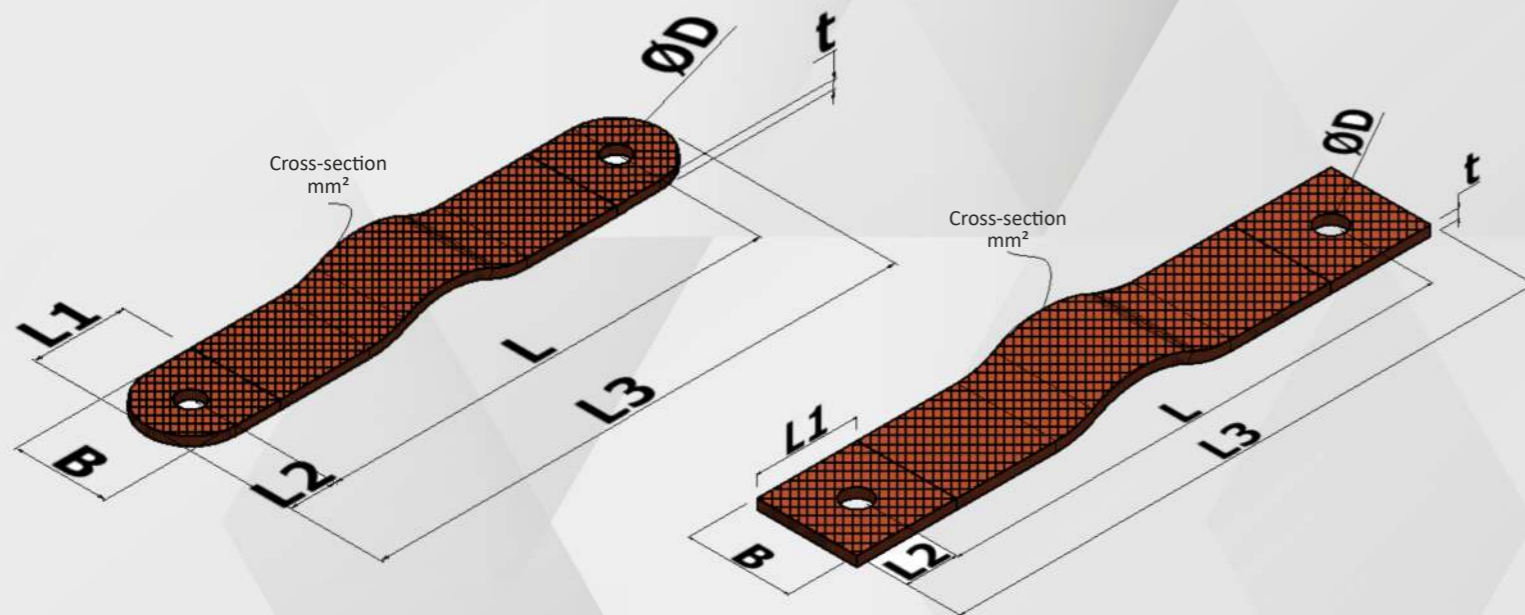
ACCORDING TO CUSTOMER'S REQUEST



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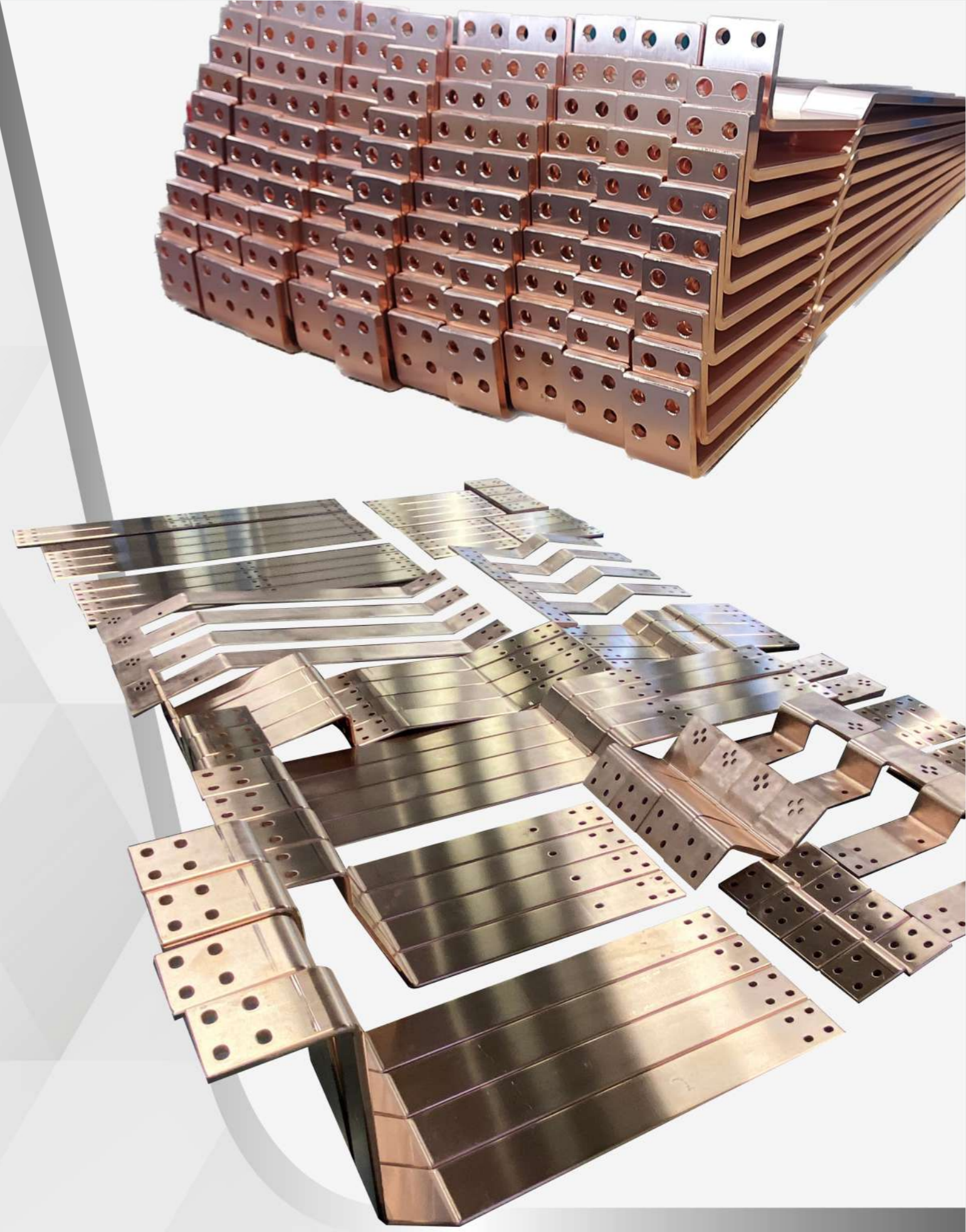
BRAIDED SHUNT HARDENED WITH SOLDER

These bars are produced by pressing high flexibility braided copper bands made from pure or tin-plated 0.10-0.20 mm wires with heat and pressure onto the ends. Additional coating and insulation can be added to the ends according to customer requests. They can operate at voltages of 1000 volts AC and 1500 volts DC.



BRAIDED SHUNT HARDENED WITH SOLDER									
UNCOATED PRODUCT CODE	TINNED PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS						
			L mm	L1 mm	L2 mm	L3 mm	B mm	t mm	D mm
BJN-010-150-08	BJP-010-150-08	10	150	22	10	170	20	1	8,5
BJN-010-200-08	BJP-010-200-08	10	200	22	10	220	20	1	8,5
BJN-010-300-08	BJP-010-300-08	10	300	22	10	320	20	1	8,5
BJN-010-400-08	BJP-010-400-08	10	400	22	10	420	20	1	8,5
BJN-010-500-08	BJP-010-500-08	10	500	22	10	520	20	1	8,5
BJN-010-600-08	BJP-010-600-08	10	600	22	10	620	20	1	8,5
BJN-010-150-11	BJP-010-150-11	10	150	22	10	170	20	1	11
BJN-010-200-11	BJP-010-200-11	10	200	22	10	220	20	1	11
BJN-010-300-11	BJP-010-300-11	10	300	22	10	320	20	1	11
BJN-010-400-11	BJP-010-400-11	10	400	22	10	420	20	1	11
BJN-010-500-11	BJP-010-500-11	10	500	22	10	520	20	1	11
BJN-010-600-11	BJP-010-600-11	10	600	22	10	620	20	1	11
BJN-016-150-08	BJP-016-150-08	16	150	22	10	170	20	1,6	8,5
BJN-016-200-08	BJP-016-200-08	16	200	22	10	220	20	1,6	8,5
BJN-016-300-08	BJP-016-300-08	16	300	22	10	320	20	1,6	8,5
BJN-016-400-08	BJP-016-400-08	16	400	22	10	420	20	1,6	8,5
BJN-016-500-08	BJP-016-500-08	16	500	22	10	520	20	1,6	8,5
BJN-016-600-08	BJP-016-600-08	16	600	22	10	620	20	1,6	8,5
BJN-016-150-11	BJP-016-150-11	16	150	22	10	170	20	1,6	11
BJN-016-200-11	BJP-016-200-11	16	200	22	10	220	20	1,6	11
BJN-016-300-11	BJP-016-300-11	16	300	22	10	320	20	1,6	11
BJN-016-400-11	BJP-016-400-11	16	400	22	10	420	20	1,6	11
BJN-016-500-11	BJP-016-500-11	16	500	22	10	520	20	1,6	11
BJN-016-600-11	BJP-016-600-11	16	600	22	10	620	20	1,6	11
BJN-025-150-08	BJP-025-150-08	25	150	22	10	170	20	2,5	8,5
BJN-025-200-08	BJP-025-200-08	25	200	22	10	220	20	2,5	8,5
BJN-025-300-08	BJP-025-300-08	25	300	22	10	320	20	2,5	8,5
BJN-025-400-08	BJP-025-400-08	25	400	22	10	420	20	2,5	8,5
BJN-025-500-08	BJP-025-500-08	25	500	22	10	520	20	2,5	8,5
BJN-025-600-08	BJP-025-600-08	25	600	22	10	620	20	2,5	8,5
BJN-025-150-11	BJP-025-150-11	25	150	22	10	170	20	2,5	11
BJN-025-200-11	BJP-025-200-11	25	200	22	10	220	20	2,5	11
BJN-025-300-11	BJP-025-300-11	25	300	22	10	320	20	2,5	11
BJN-025-400-11	BJP-025-400-11	25	400	22	10	420	20	2,5	11
BJN-025-500-11	BJP-025-500-11	25	500	22	10	520	20	2,5	11
BJN-025-600-11	BJP-025-600-11	25	600	22	10	620	20	2,5	11
BJN-035-150-08	BJP-035-150-08	35	150	22	10	170	20	3,5	8,5
BJN-035-200-08	BJP-035-200-08	35	200	22	10	220	20	3,5	8,5
BJN-035-300-08	BJP-035-300-08	35	300	22	10	320	20	3,5	8,5
BJN-035-400-08	BJP-035-400-08	35	400	22	10	420	20	3,5	8,5
BJN-035-500-08	BJP-035-500-08	35	500	22	10	520	20	3,5	8,5
BJN-035-600-08	BJP-035-600-08	35	600	22	10	620	20	3,5	8,5
BJN-035-150-11	BJP-035-150-11	35	150	22	10	170	20	3,5	11
BJN-035-200-11	BJP-035-200-11	35	200	22	10	220	20	3,5	11
BJN-035-300-11	BJP-035-300-11	35	300	22	10	320	20	3,5	11
BJN-035-400-11	BJP-035-400-11	35	400	22	10	420	20	3,5	11
BJN-035-500-11	BJP-035-500-11	35	500	22	10	520	20	3,5	11
BJN-035-600-11	BJP-035-600-11	35	600	22	10	620	20	3,5	11
BJN-050-150-08	BJP-050-150-08	50	150	22	10	170	20	5	8,5
BJN-050-200-08	BJP-050-200-08	50	200	22	10	220	20	5	8,5
BJN-050-300-08	BJP-050-300-08	50	300	22	10	320	20	5	8,5
BJN-050-400-08	BJP-050-400-08	50	400	22	10	420	20	5	8,5
BJN-050-500-08	BJP-050-500-08	50	500	22	10	520	20	5	8,5
BJN-050-600-08	BJP-050-600-08	50	600	22	10	620	20	5	8,5
BJN-050-150-11	BJP-050-150-11	50	150	22	10	170	20	5	11
BJN-050-200-11	BJP-050-200-11	50	200	22	10	220	20	5	11
BJN-050-300-11	BJP-050-300-11	50	300	22	10	320	20	5	11
BJN-050-400-11	BJP-050-400-11	50	400	22	10	420	20	5	11
BJN-050-500-11	BJP-050-500-11	50	500	22	10	520	20	5	11
BJN-050-600-11	BJP-050-600-11	50	600	22	10	620	20	5	11
BJN-050-150-13	BJP-050-150-13	50	150	30	15	170	30	3,3	13
BJN-050-200-13	BJP-050-200-13	50	200	30	15	220	30	3,3	13
BJN-050-300-13	BJP-050-300-13	50	300	30	15	320	30	3,3	13
BJN-050-400-13	BJP-050-400-13	50	400	30	15	420	30	3,3	13
BJN-050-500-13	BJP-050-500-13	50	500	30	15	520	30	3,3	13
BJN-050-600-13	BJP-050-600-13	50	600	30	15	620	30	3,3	13

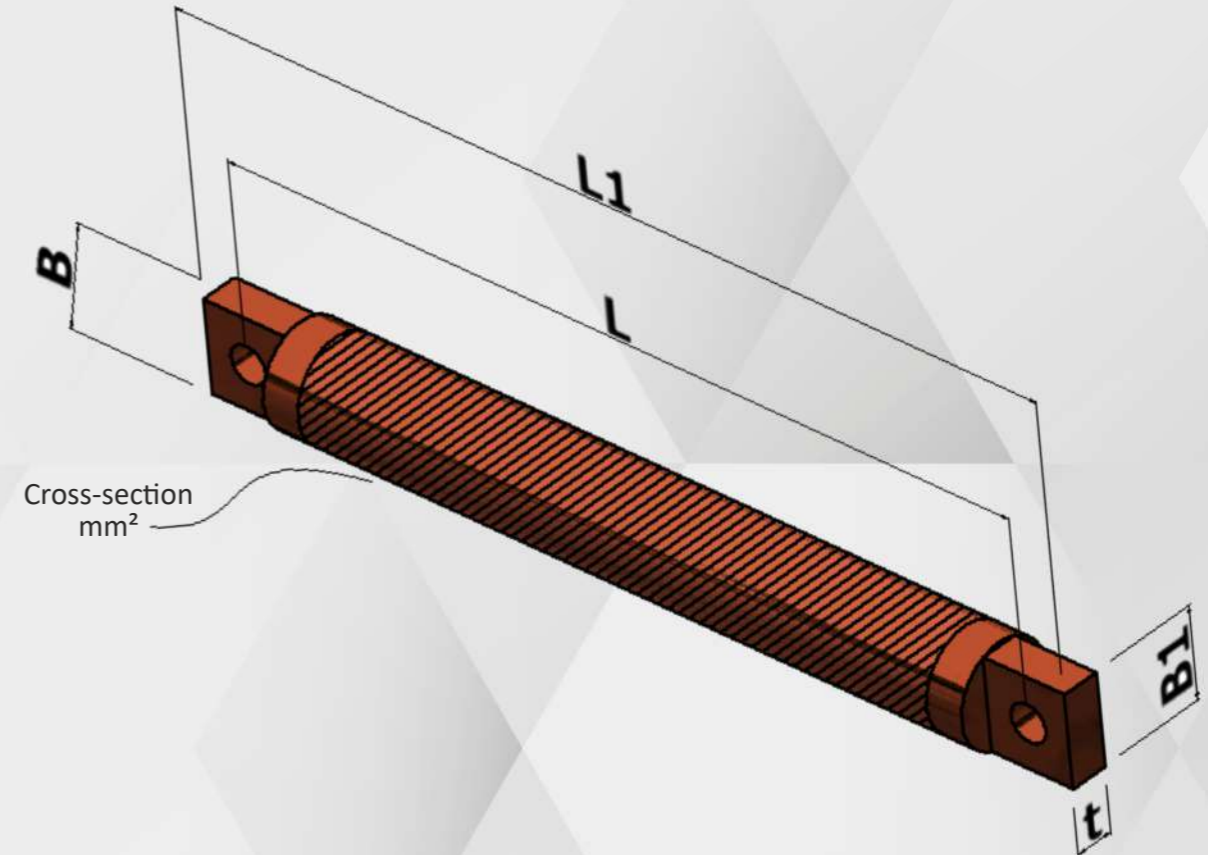
BRAIDED SHUNT HARDENED WITH SOLDER										
UNCOATED PRODUCT CODE	TINNED PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS							D mm
			L mm	L1 mm	L2 mm	L3 mm	B mm	t mm		
BJN-070-150-11	BJP-070-150-11	70	150	30	15	170	30	4,6	11	
BJN-070-200-11	BJP-070-200-11	70	200	30	15	220	30	4,6	11	
BJN-070-300-11	BJP-070-300-11	70	300	30	15	320	30	4,6	11	
BJN-070-400-11	BJP-070-400-11	70	400	30	15	420	30	4,6	11	
BJN-070-500-11	BJP-070-500-11	70	500	30	15	520	30	4,6	11	
BJN-070-600-11	BJP-070-600-11	70	600	30	15	620	30	4,6	11	
BJN-070-150-13	BJP-070-150-13	70	150	30	15	170	30	4,6	13	
BJN-070-200-13	BJP-070-200-13	70	200	30	15	220	30	4,6	13	
BJN-070-300-13	BJP-070-300-13	70	300	30	15	320	30	4,6	13	
BJN-070-400-13	BJP-070-400-13	70	400	30	15	420	30	4,6	13	
BJN-070-500-13	BJP-070-500-13	70	500	30	15	520	30	4,6	13	
BJN-070-600-13	BJP-070-600-13	70	600	30	15	620	30	4,6	13	
BJN-095-150-11	BJP-095-150-11	95	150	30	15	170	30	6,3	11	
BJN-095-200-11	BJP-095-200-11	95	200	30	15	220	30	6,3	11	
BJN-095-300-11	BJP-095-300-11	95	300	30	15	320	30	6,3	11	
BJN-095-400-11	BJP-095-400-11	95	400	30	15	420	30	6,3	11	
BJN-095-500-11	BJP-095-500-11	95	500	30	15	520	30	6,3	11	
BJN-095-600-11	BJP-095-600-11	95	600	30	15	620	30	6,3	11	
BJN-095-150-13	BJP-095-150-13	95	150	30	15	170	30	6,3	13	
BJN-095-200-13	BJP-095-200-13	95	200	30	15	220	30	6,3	13	
BJN-095-300-13	BJP-095-300-13	95	300	30	15	320	30	6,3	13	
BJN-095-400-13	BJP-095-400-13	95	400	30	15	420	30	6,3	13	
BJN-095-500-13	BJP-095-500-13	95	500	30	15	520	30	6,3	13	
BJN-095-600-13	BJP-095-600-13	95	600	30	15	620	30	6,3	13	
BJN-120-150-11	BJP-120-150-11	120	150	30	15	170	30	8	11	
BJN-120-200-11	BJP-120-200-11	120	200	30	15	220	30	8	11	
BJN-120-300-11	BJP-120-300-11	120	300	30	15	320	30	8	11	
BJN-120-400-11	BJP-120-400-11	120	400	30	15	420	30	8	11	
BJN-120-500-11	BJP-120-500-11	120	500	30	15	520	30	8	11	
BJN-120-600-11	BJP-120-600-11	120	600	30	15	620	30	8	11	
BJN-120-150-13	BJP-120-150-13	120	150	30	15	170	30	8	13	
BJN-120-200-13	BJP-120-200-13	120	200	30	15	220	30	8	13	
BJN-120-300-13	BJP-120-300-13	120	300	30	15	320	30	8	13	
BJN-120-400-13	BJP-120-400-13	120	400	30	15	420	30	8	13	
BJN-120-500-13	BJP-120-500-13	120	500	30	15	520	30	8	13	
BJN-120-600-13	BJP-120-600-13	120	600	30	15	620	30	8	13	
BJN-150-150-11	BJP-150-150-11	150	150	30	15	170	30	10	11	
BJN-150-200-11	BJP-150-200-11	150	200	30	15	220	30	10	11	
BJN-150-300-11	BJP-150-300-11	150	300	30	15	320	30	10	11	
BJN-150-400-11	BJP-150-400-11	150	400	30	15	420	30	10	11	
BJN-150-500-11	BJP-150-500-11	150	500	30	15	520	30	10	11	
BJN-150-600-11	BJP-150-600-11	150	600	30	15	620	30	10	11	
BJN-150-150-13	BJP-150-150-13	150	150	30	15	170	30	10	13	
BJN-150-200-13	BJP-150-200-13	150	200	30	15	220	30	10	13	
BJN-150-300-13	BJP-150-300-13	150	300	30	15	320	30	10	13	
BJN-150-400-13	BJP-150-400-13	150	400	30	15	420	30	10	13	
BJN-150-500-13	BJP-150-500-13	150	500	30	15	520	30	10	13	
BJN-150-600-13	BJP-150-600-13	150	600	30	15	620	30	10	13	
BJN-185-150-11	BJP-185-150-11	185	150	30	15	170	30	11	11	
BJN-185-200-11	BJP-185-200-11	185	200	30	15	220	30	11	11	
BJN-185-300-11	BJP-185-300-11	185	300	30	15	320	30	11	11	
BJN-185-400-11	BJP-185-400-11	185	400	30	15	420	30	11	11	
BJN-185-500-11	BJP-185-500-11	185	500	30	15	520	30	11	11	
BJN-185-600-11	BJP-185-600-11	185	600	30	15	620	30	11	11	
BJN-185-150-13	BJP-185-150-13	185	150	30	15	170	30	11	13	
BJN-185-200-13	BJP-185-200-13	185	200	30	15	220	30	11	13	
BJN-185-300-13	BJP-185-300-13	185	300	30	15	320	30	11	13	
BJN-185-400-13	BJP-185-400-13	185	400	30	15	420	30	11	13	
BJN-185-500-13	BJP-185-500-13	185	500	30	15	520	30	11	13	
BJN-185-600-13	BJP-185-600-13	185	600	30	15	620	30	11	13	
BJN-240-150-11	BJP-240-150-11	240	150	30	15	170	30	13	11	
BJN-240-200-11	BJP-240-200-11	240	200	30	15	220	30	13	11	
BJN-240-300-11	BJP-240-300-11	240	300	30	15	320	30	13	11	
BJN-240-400-11	BJP-240-400-11	240	400	30	15	420	30	13	11	
BJN-240-500-11	BJP-240-500-11	240	500	30	15	520	30	13	11	
BJN-240-600-11	BJP-240-600-11	240	600	30	15	620	30	13	11	
BJN-240-150-13	BJP-240-150-13	240	150	30	15	170	30	13	13	
BJN-240-200-13	BJP-240-200-13	240	200	30	15	220	30	13	13	
BJN-240-300-13	BJP-240-300-13	240	300	30	15	320	30	13	13	
BJN-240-400-13	BJP-240-400-13	240	400	30	15	420	30	13	13	
BJN-240-500-13	BJP-240-500-13	240	500	30	15	520	30	13	13	
BJN-240-600-13	BJP-240-600-13	240	600	30	15	620	30	13	13	



Let's carry your energy

AIR-COOLED BRAIDED CABLES

These bars are made by attaching and pressing tubes onto the ends of braided or rope type cables made from 0.10-0.20 mm diameter copper wires. Tin-plated or pure copper can be used according to customer preferences, and insulation materials can also be added to them. They can be produced with or without holes according to customer requests. The dimensions of flexible cables can be changed as desired. They can be used at high voltage levels and for current transfers in welding machines.



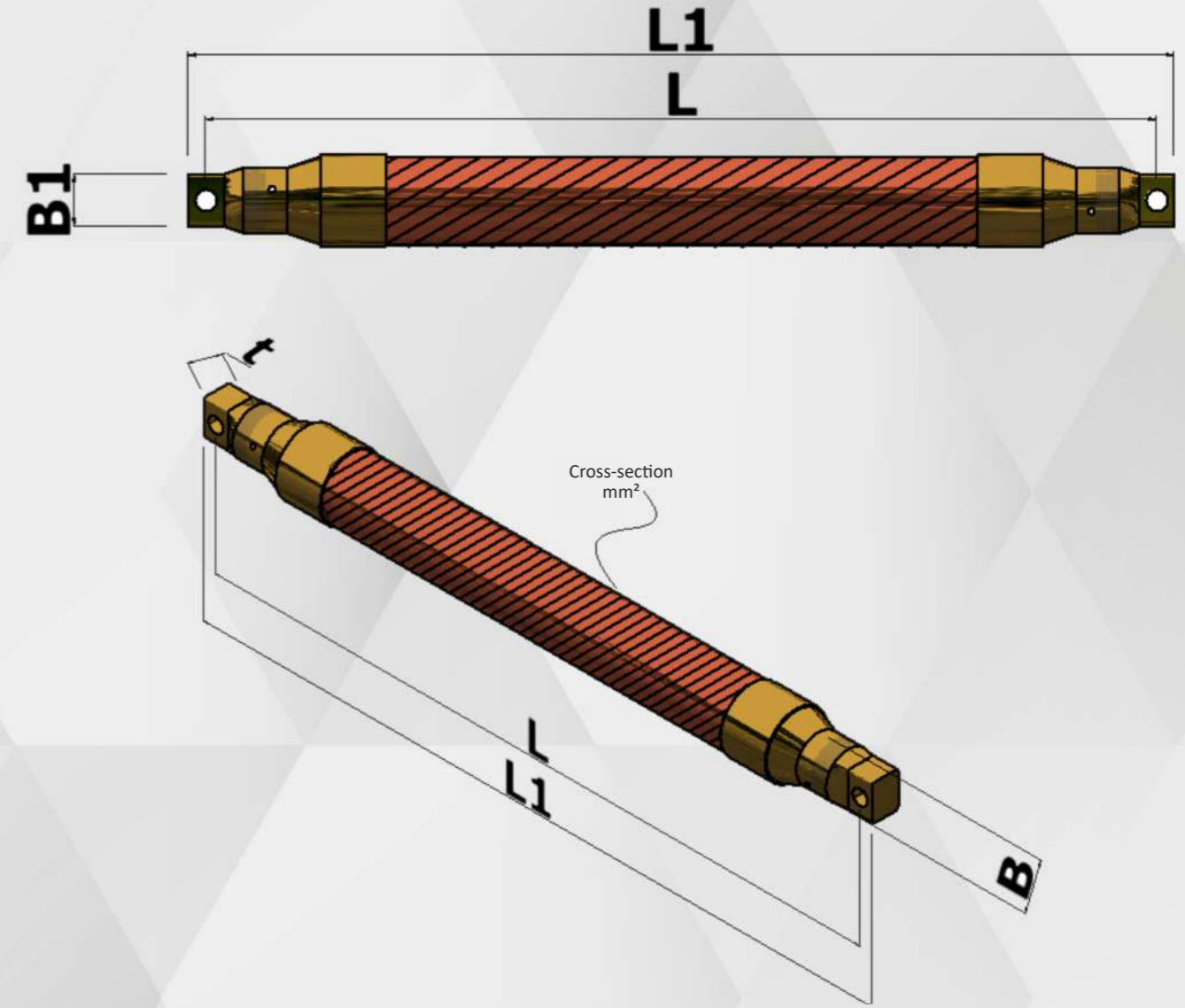
AIR-COOLED BRAIDED CABLES					
PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS			
		L mm	L1 mm	B mm	t mm
TA-0070	70	ACCORDING TO CUSTOMER'S REQUEST	ACCORDING TO CUSTOMER'S REQUEST	15	8,5
TA-0095	95			20	8,3
TA-0120	120			20	10
TA-0150	150			25	11,5
TA-0185	185			25	13,5
TA-0200	200			32	12
TA-0250	250			32	13
TA-0300	300			32	15
TA-0400	400			32	20,5
TA-0500	500			32	23
TA-0600	600			38	25
TA-0750	750			38	32
TA-0850	850			38	37

Let's carry your energy



WATER-COOLED CABLES

They are made by combining copper bars made of round stranded copper wires with cables. As the name suggests, water-cooled bars are cooled by water circulation and should be placed inside a rubber hose for this process. They are preferred in welding machines and electric furnaces.

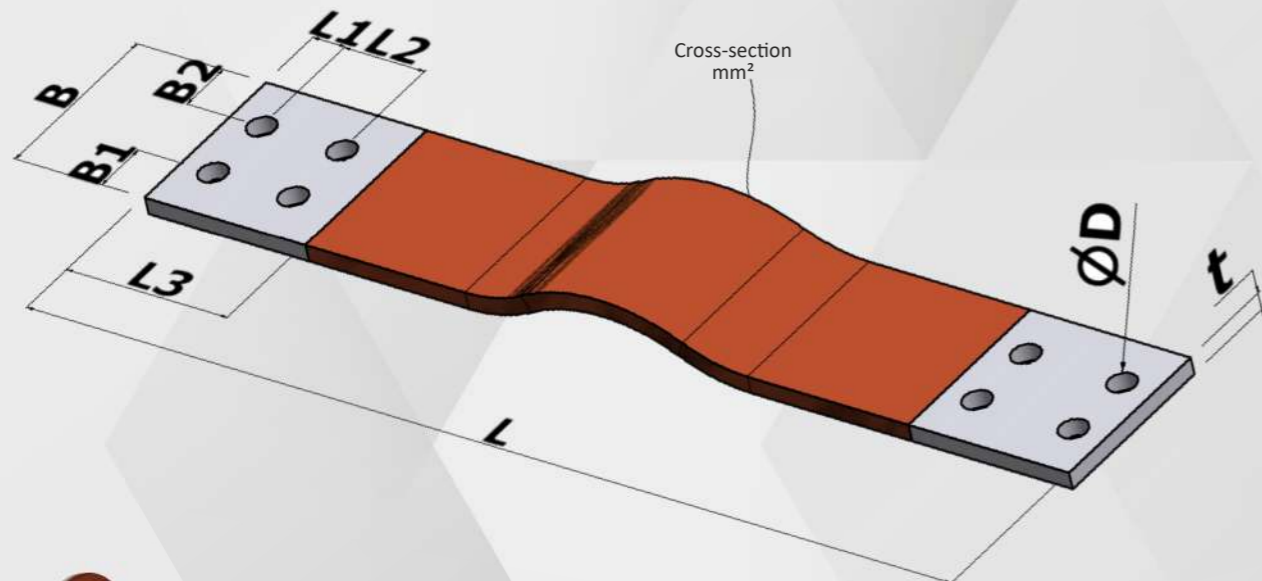


WATER-COOLED CABLES							
PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS					
		L mm	L1 mm	B mm	B1 mm	D mm	t mm
TC-0120	120	ACCORDING TO CUSTOMER'S REQUEST	ACCORDING TO CUSTOMER'S REQUEST	26	21	1,4"	13
TC-0150	150			30	24	1,4"	15
TC-0185	185			30	25	1,4"	16
TC-0240	240			32	26	1,4"	18
TC-0300	300			32	26	1,4"	18
TC-0400	400			38	32	1,4"	21
TC-0500	500			42	34	1,4"	24

FLEXIBLE STRIP BARS WITH PRESS WELDED

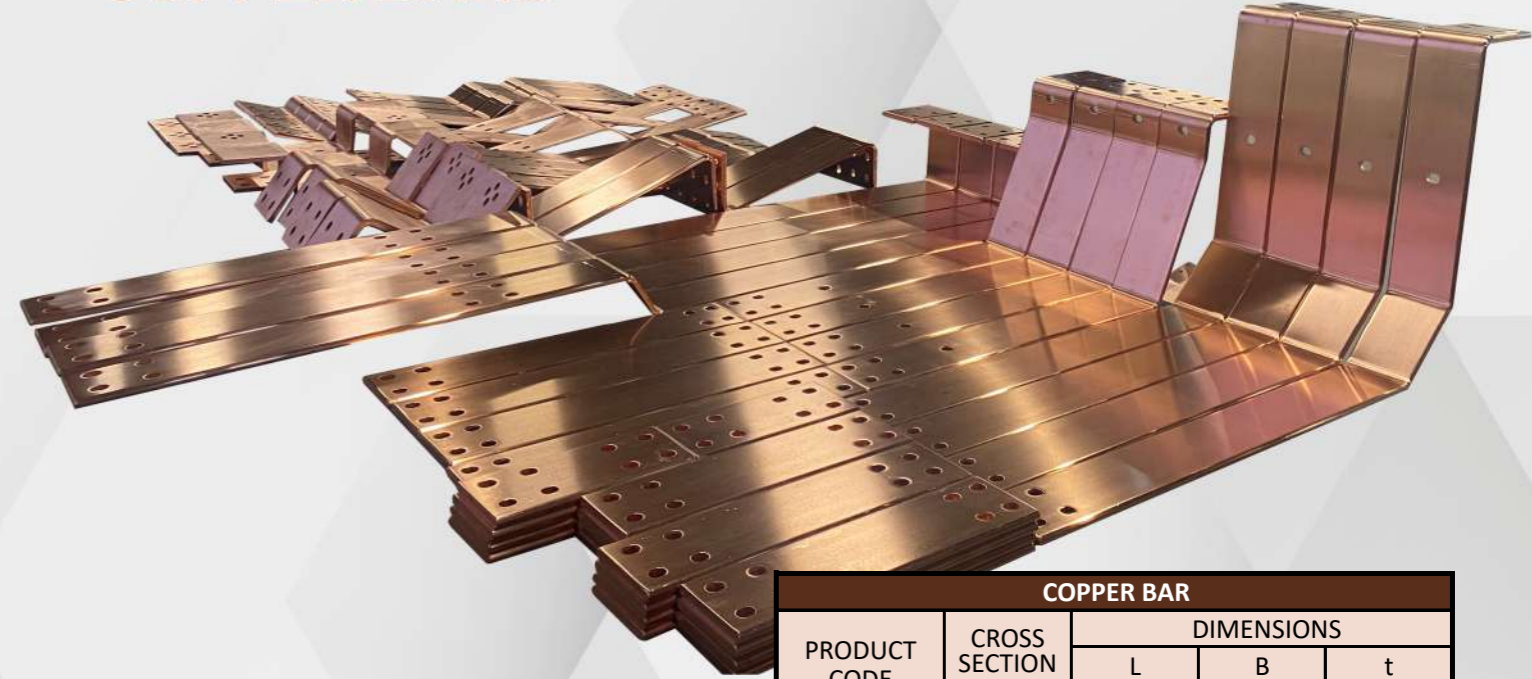


These are flexible connection bars made by welding the end connection points of 0.10-0.50 thickness copper strips using projection welding. The contact aread can also be tinned according to customer requests. These types of bars are highly preferred in the industrial electrical sector due to their vibration damping and easy assembly features. They provide our customers with flexibility in assembly and design.



FLEXIBLE STRIP BARS WITH PRESS WELDED					
UNCOATED PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS			
		L mm	L3 mm	B mm	t mm
SW-0200-040	200	ACCORDING TO CUSTOMER'S REQUEST	ACCORDING TO CUSTOMER'S REQUEST	40	5
SW-0320-040	320			40	8
SW-0400-040	400			40	10
SW-0480-040	480			40	12
SW-0600-040	600			40	15
SW-0800-040	800			40	20
SW-0250-050	250			50	5
SW-0400-050	400			50	8
SW-0500-050	500			50	10
SW-0600-050	600			50	12
SW-0750-050	750			50	15
SW-1000-050	1000			50	20
SW-0300-060	300			60	5
SW-0480-060	480			60	8
SW-0600-060	600			60	10
SW-0750-060	750			60	12
SW-0900-060	900			60	15
SW-1200-060	1200			60	20
SW-0400-080	400			80	5
SW-0640-080	640			80	8
SW-0800-080	800			80	10
SW-0960-080	960			80	12
SW-1200-080	1200			80	15
SW-1600-080	1600			80	20
SW-0500-100	500			100	5
SW-0800-100	800			100	8
SW-1000-100	1000			100	10
SW-1200-100	1200			100	12
SW-1500-100	1500			100	15
SW-2000-100	2000			100	20
SW-2500-100	2500	100	25		
SW-0600-120	600	120	5		
SW-0960-120	960	120	8		
SW-1200-120	1200	120	10		
SW-1440-120	1440	120	12		
SW-1800-120	1800	120	15		
SW-2400-120	2400	120	20		
SW-3000-120	3000	120	25		

COPPER BARS



FLEXIBLE STRIP BARS WITH PRESS RIVETED

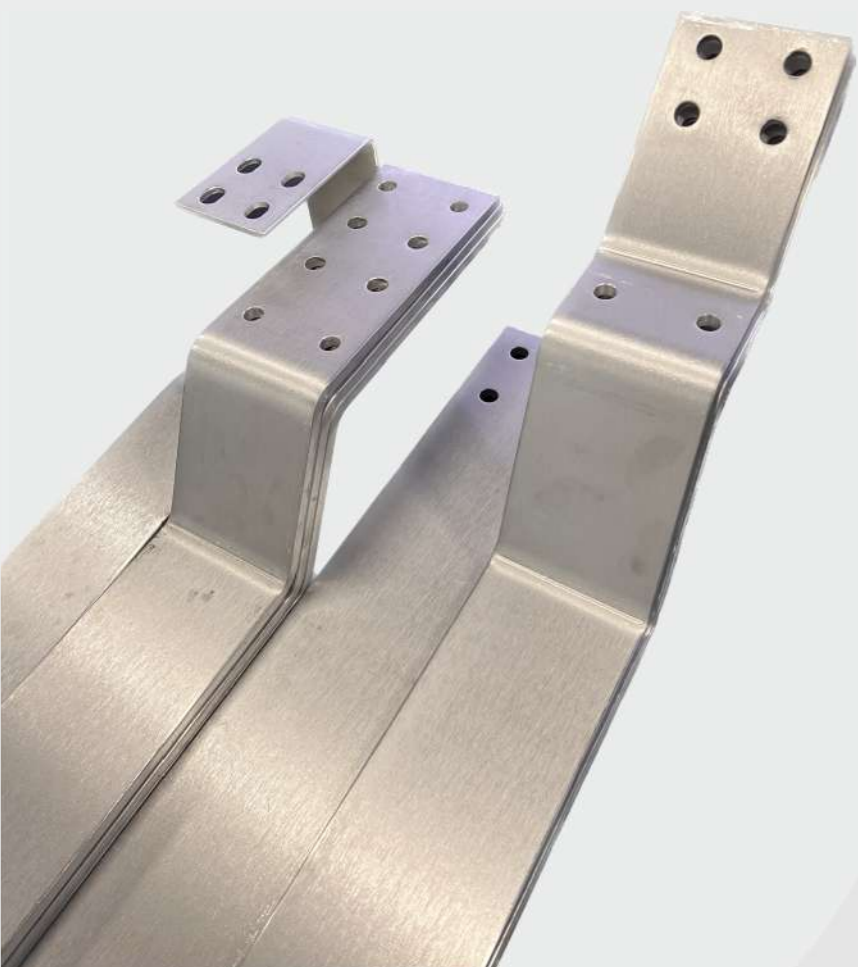
Copper foil groups starting from 0.10 mm are brought together to provide the desired dimensions and are produced by riveting under the press. These non-heat treated parts are preferred in highly mobile areas. Contact areas are strengthened with extra thick plates to increase high current, heat and general resistance, and are used where necessary. These bars are produced in accordance with customer requests and designs suitable for installation areas to be applied.

THEY CAN BE PRODUCED IN ANY SHAPE AND SIZE.

Copper bars are produced according to customer demands for use in transformers, busbar systems, power distribution panels, automotive industry, and switchgear. They are made of 99.9% purity ECU alloy copper bars. They can be produced in different shapes and sizes according to customer request and also can be joined welding with copper strip bars. Depending on corrosion and environmental conditions, they can be coated with tin, nickel, or silver.

THEY CAN BE PRODUCED IN ANY SHAPE AND SIZE.

COPPER BAR				
PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS		
		L mm	B mm	t mm
C-03005	150	ACCORDING TO CUSTOMER'S REQUEST	30	5
C-04004	160		40	4
C-04005	200		40	5
C-05005	250		50	5
C-05006	300		50	6
C-05008	400		50	8
C-05010	500		50	10
C-06005	300		60	5
C-06006	360		60	6
C-06008	480		60	8
C-06010	600		60	10
C-08005	400		80	5
C-08006	480		80	6
C-08008	640		80	8
C-08010	800		80	10
C-08015	1200		80	15
C-09010	900		90	10
C-09015	1350		90	15
C-10005	500		100	5
C-10010	1000		100	10
C-10012	1200	100	12	
C-10015	1500	100	15	
C-10020	2000	100	20	
C-12010	1200	120	10	
C-12012	1440	120	12	
C-12015	1800	120	15	
C-15010	1500	150	10	
C-15015	2250	150	15	
C-15020	3000	150	20	
C-16010	1600	160	10	
C-16015	2400	160	15	



ALUMINUM BARS

Aluminum bars are produced in accordance with customer demands to be used in transformers, busbar systems, and LV distribution panels. They are made from 1050/1070 alloy aluminum profiles with 99.5% purity. They are industrial conductors that carry current as an alternative to copper due to their economic and lightweight properties.



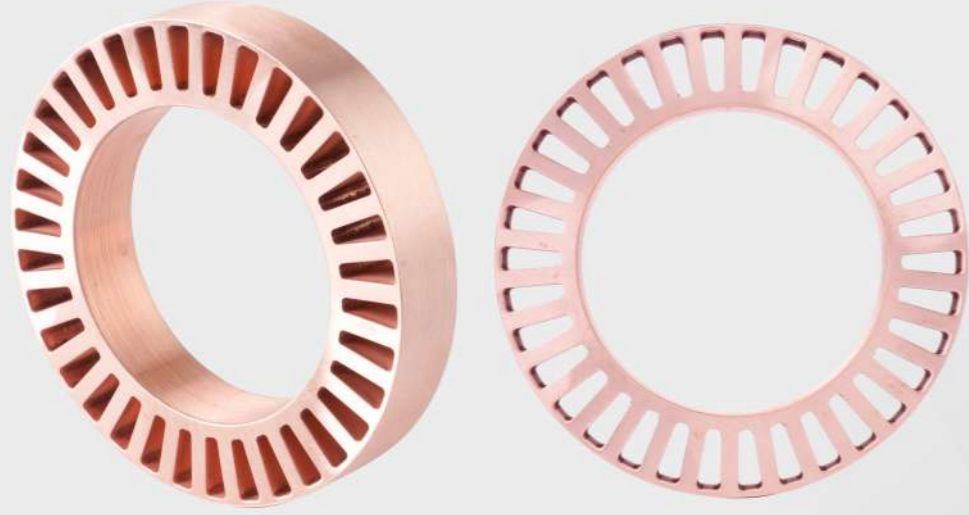
ALUMINIUM BAR				
PRODUCT CODE	CROSS SECTION mm ²	DIMENSIONS		
		L mm	B mm	t mm
A-02005	100	ACCORDING TO CUSTOMER'S REQUEST	20	5
A-03003	90		30	3
A-03005	150		30	5
A-03010	300		30	10
A-04005	200		40	5
A-04010	400		40	10
A-05005	250		50	5
A-05010	500		50	10
A-06005	300		60	5
A-06006	360		60	6
A-06008	480		60	8
A-06010	600		60	10
A-08005	400		80	5
A-08006	480		80	6
A-08008	640		80	8
A-08010	800		80	10
A-08015	1200		80	15
A-09010	900		90	10
A-10005	500		100	5
A-10008	800		100	8
A-10010	1000	100	10	
A-10012	1200	100	12	
A-10015	1500	100	15	
A-12010	1200	120	10	
A-12012	1440	120	12	
A-12015	1800	120	15	
A-15015	2250	150	15	



THEY CAN BE PRODUCED IN ANY SHAPE AND SIZE.

SPECIAL MANUFACTURING FOR OUR CUSTOM PROJECTS

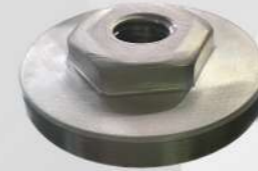
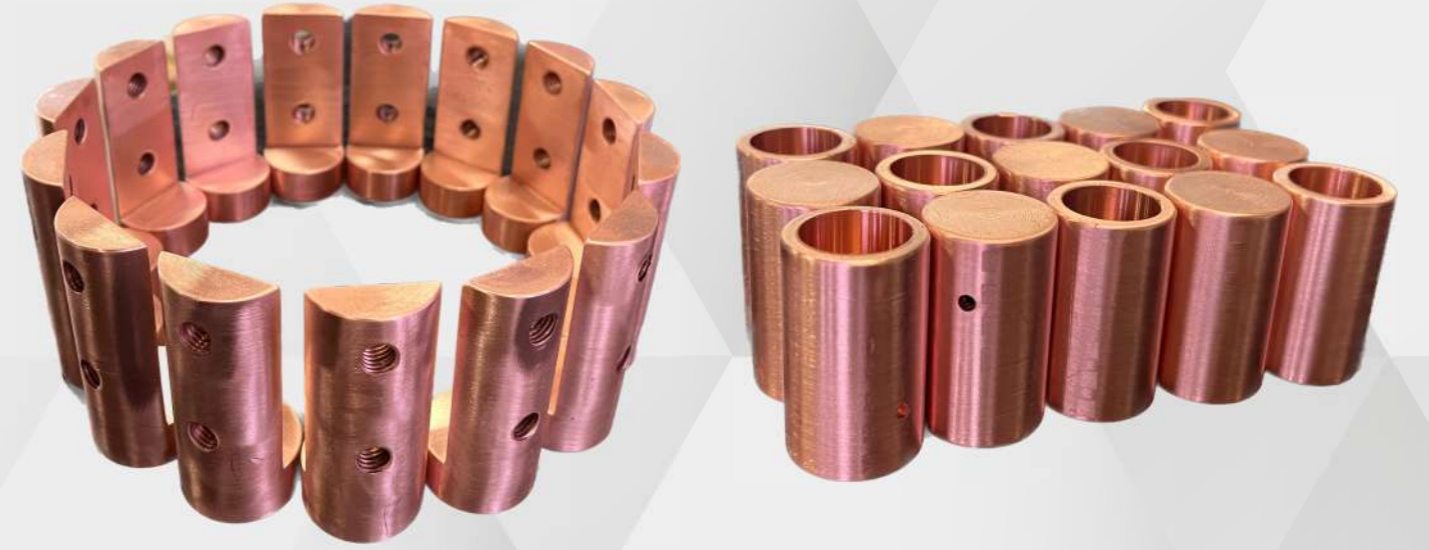
We manufacture all kinds of parts according to customer requests with precise tolerance values on our CNC machines. They are processed in our special CNC machines designed for projects.

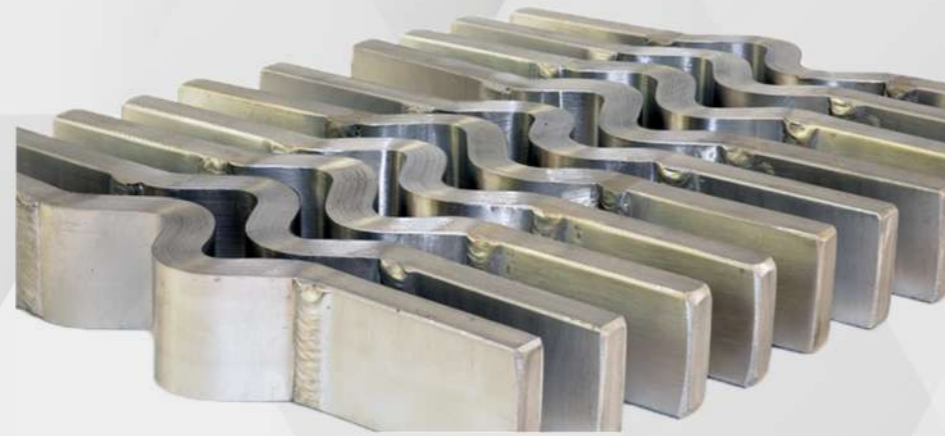


Before the production of the relevant products begins, the raw materials are tested for their conductivity values with our measuring device. After the raw materials are tested and approved by our quality unit, our project department designs and starts the production of the relevant product according to customer requirements. At the end of the production, compliance with quality standards is checked and if approved, shipment processes begin. The products are used in applications such as bushing flags, welding sleeves, cable heads, etc.



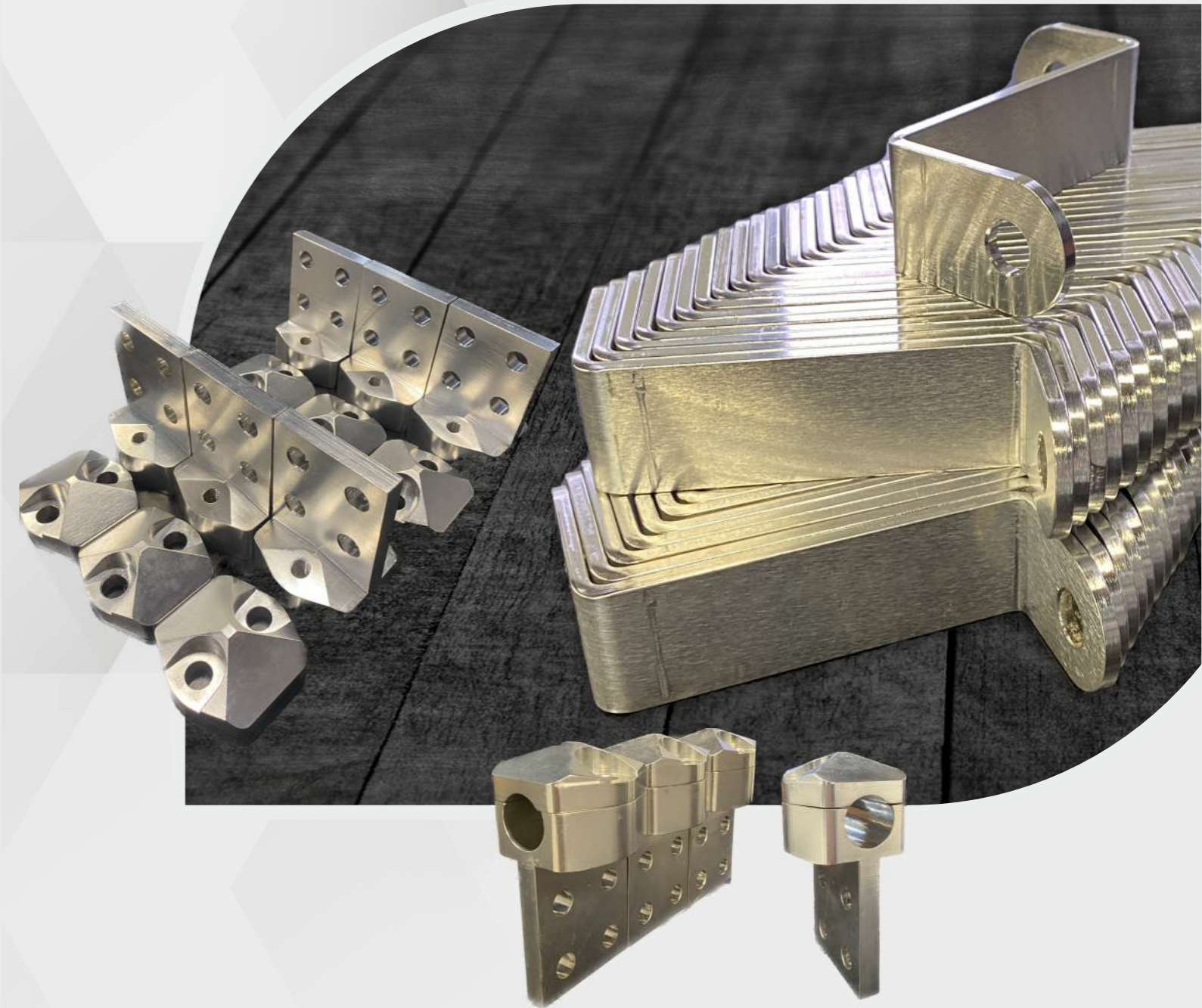
MIG-welded aluminum strip bars also have an important place in our special part manufacturing. These bars are produced according to customer requirements, either by combining strips together or by welding them together with frame groups to create the finished product.





TIN PLATING

Tin plating with current is a method of electroplating a thin layer of tin onto a metal surface. These coatings are good conductors and have high corrosion resistance because they do not form oxides in their structure. They are preferred in the electronics industry due to their excellent heat conductivity and solderability. They are suitable for applications involving contact with food because they are not toxic. They also have lubricating properties in places where there is a lot of friction. Tin plating is widely used on both ferrous and non-ferrous metals. All kinds of electrical and electronic parts such as panel connection bars, contacts, cable lugs, terminals, rivets, cutting parts, shafts, fuse legs, switch parts, and starter motor parts can be coated.





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