



**OLURSAL**  
Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.řti.



RN | 2021  
KATALOG

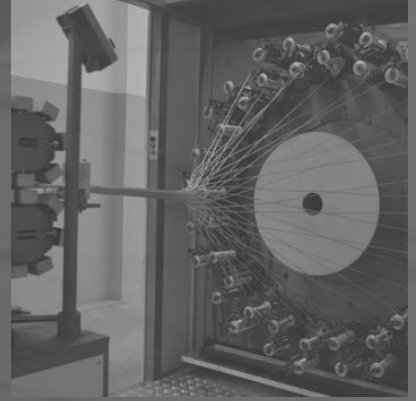
[www.olursal.com](http://www.olursal.com)



# OLURSAL

Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.řti.

[www.olursal.com](http://www.olursal.com)





# **OLURSAL**

Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.Şti.

## **About Us**

**Our company,Olursal Flex Busbar Enerji Baę. Sis. San. ve Tic. Ltd. Şti, was established to meet the needs of high quality flexible bar, braided flexible bar, press welded copper folio connectors in the domestic and international market of the electricity sector.**

**Our company manufactures flexible bar,braided flexible bar, press welded copper folio connectors in world standards focused on quality products and customer satisfaction with its expert and experienced team in its production facility in Istanbul.**

**In order to be successful in global competition, we apply quality as an indispensable part of our corporate culture.**

**We follow all the technological developments required for success in the competition in the sector and use it in our production facility.**

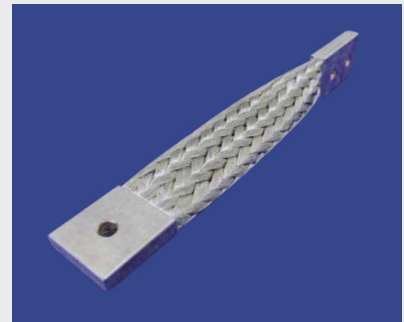
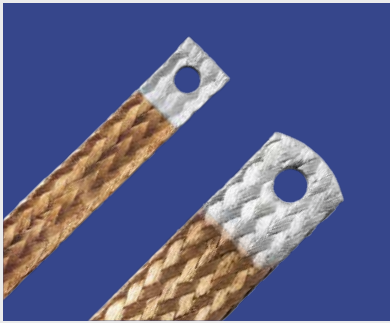
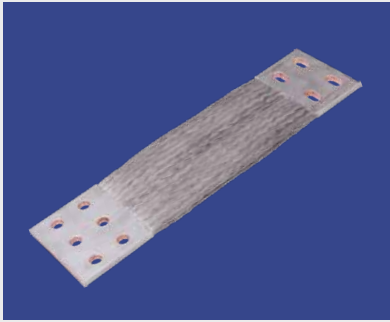




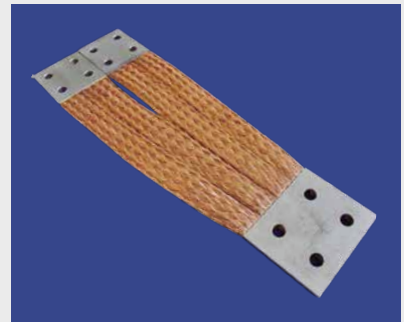
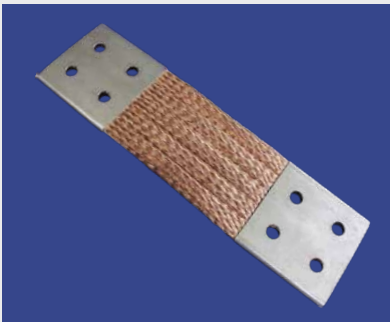
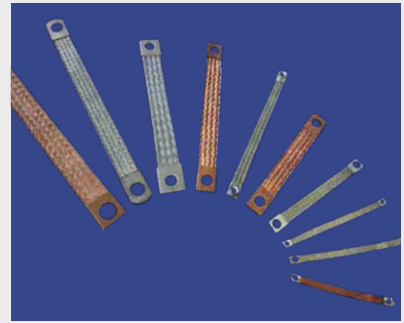
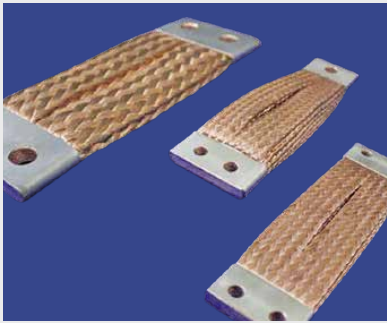
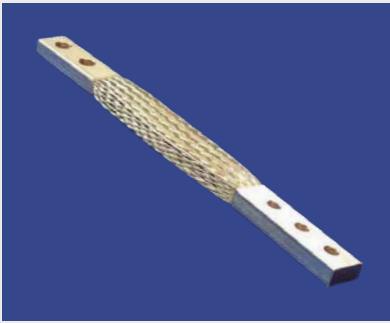
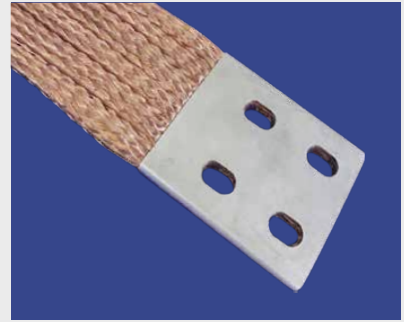
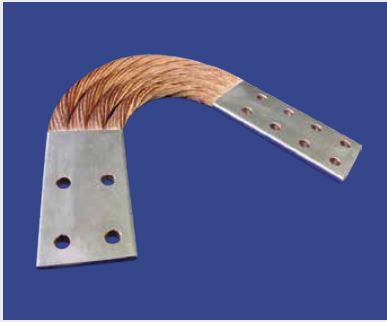
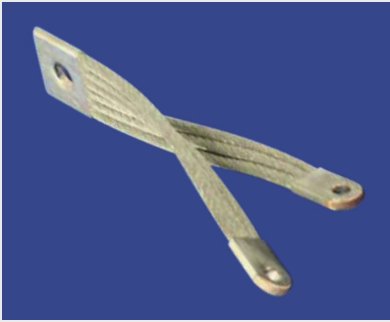
# OLURSAL

Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.řti.

## Braided Flexible Busbar



- Braided Flexible Busbars are made of electrolytic copper (bare or tinned) wires and afterwards braided wires are fixed with pressed (without annealing) Cu-ETP Pipes at the ends. These Pipes (Connection surfaces) can be tin or silver plated if requested. Holes can be punched at these ends according to your requirements
- If requested braided flexible busbars can be made of aluminium materials too.
- We can produce special dimensions and forms with insulation or without insulation according to your requests.
- Please send drawings and details of your requests.

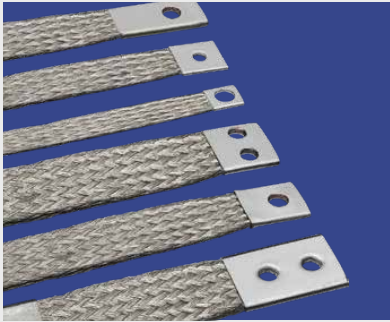




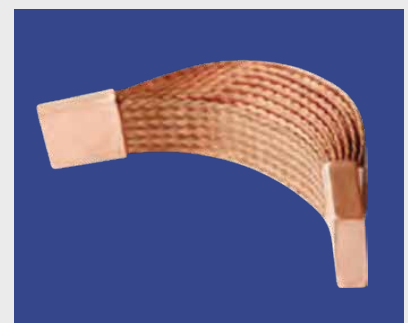
# OLURSAL

Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.řti.

## Braided Flexible Busbar



- Earthing Braids are made of electrolytic copper wires and afterwards braided wires are fixed with pressed (without annealing) Cu-ETP Pipes at the ends. The Ends can be hardened by using annealing instead of pipes.
- The Wires or pressed pipes can be tin plated if requested.
- If requested holes can be punched at the ends.
- We can produce special dimensions and forms with insulation or without insulation according to your requests.
- Please send drawings and details of your requests.
- Because the braided tapes and pipes have the same conductivity and no adhesive is used in the contact areas, they can be used as current carrier and earthing element wherever needed.



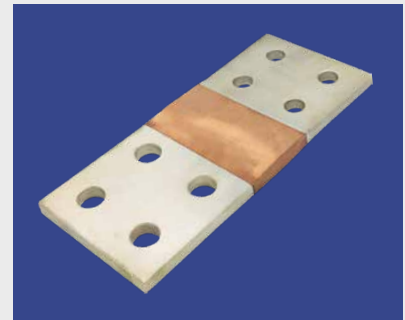
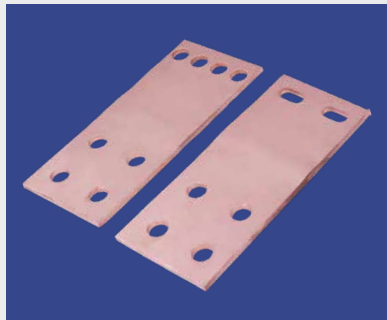
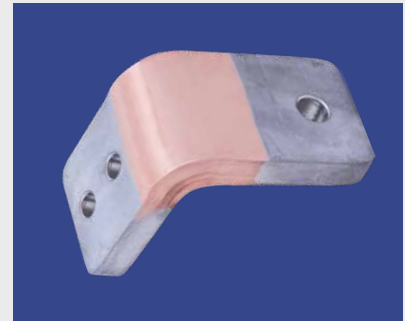
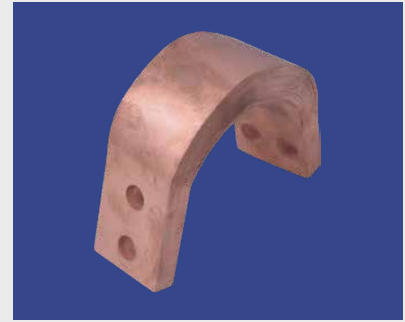


-0.05-0.20mm copper strips

- Press Welded

- These busbars are manufactured by welding the ends of enough number of copper strips with thicknesses ranging from 0.05 to 0.20 to obtain sufficient cross-section, without using any additives.
- This special welding process is carried out under high pressure and current.
- These busbars have excellent conductivity due to their homogeneous molecular structure.
- These busbars can also be manufactured in S or V forms.
- Due to their structure made of strips these busbars are flexible.
- We can produce special dimensions and forms according to your special requests.

-Please send drawings and details for your custom made solutions.



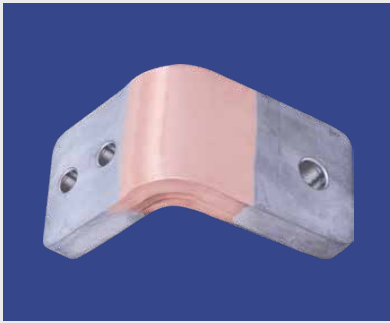




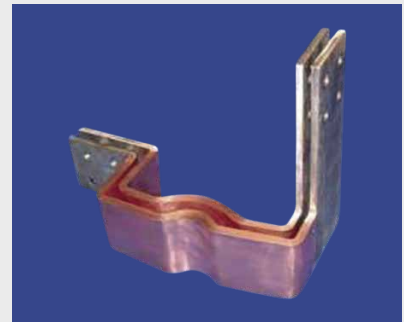
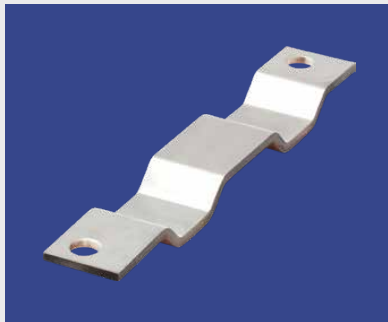
# OLURSAL

Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.řti.

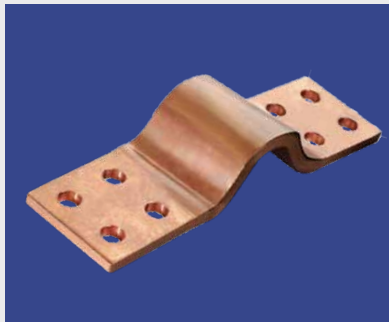
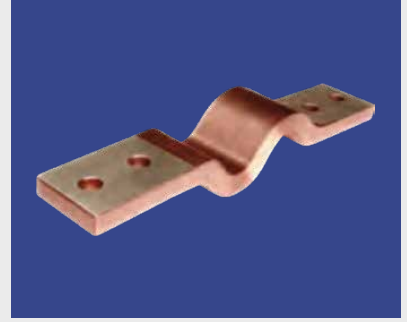
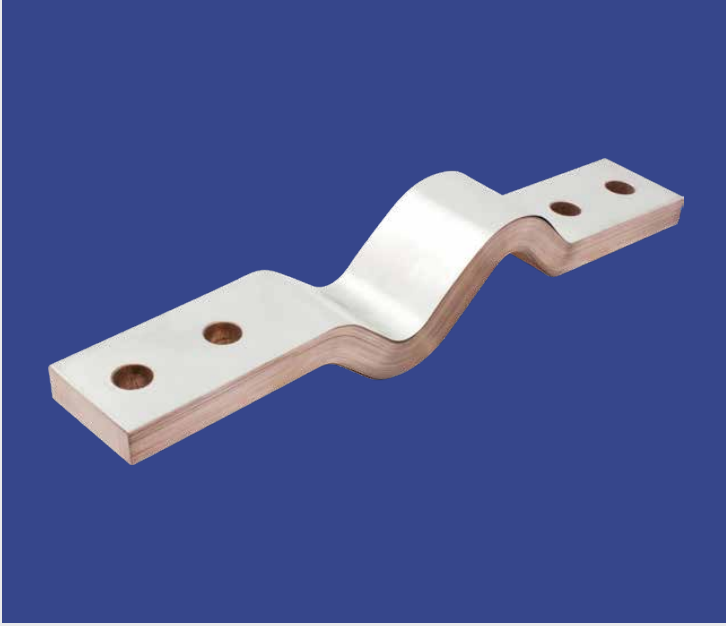
## Flexible Press Welded Busbars

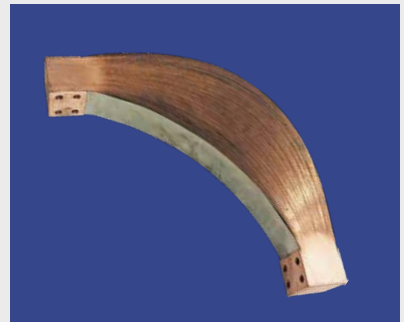
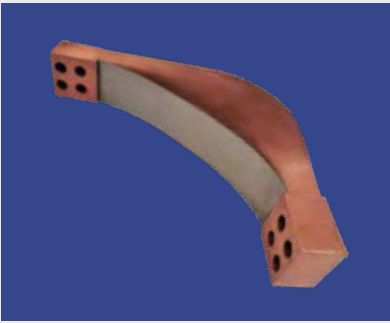
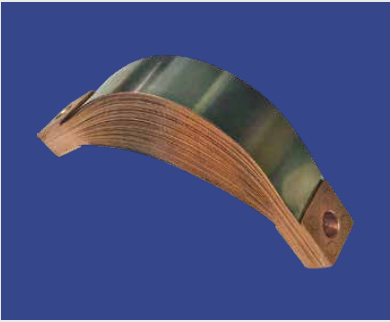


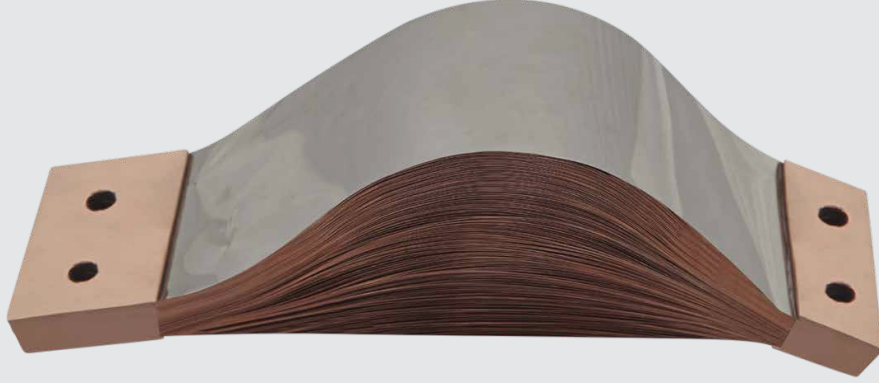
- 0.05-0.20mm copper strips
- Press Welded
- These busbars are manufactured by welding the ends of enough number of copper strips with thicknesses ranging from 0.05 to 0.20 to obtain sufficient cross-section, without using any additives.
- This special welding process is carried out under high pressure and current.
- These busbars have excellent conductivity due to their homogeneous molecular structure.
- These busbars can also be manufactured in S or V forms.
- Due to their structure made of strips these busbars are flexible.
- We can produce special dimensions and forms according to your special requests.
- Please send drawings and details for your custom made solutions.





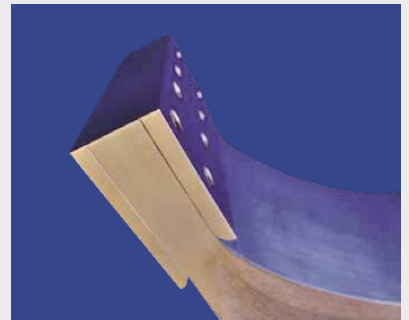
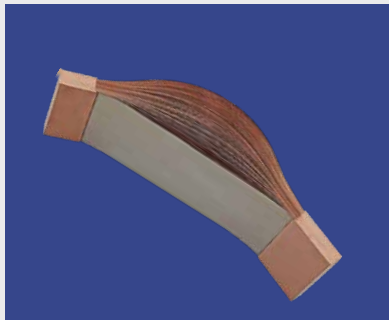
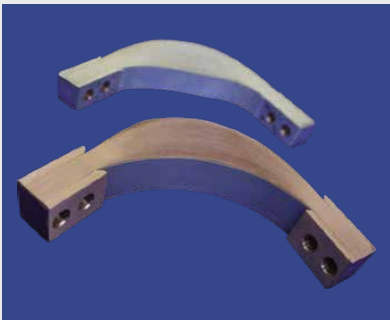
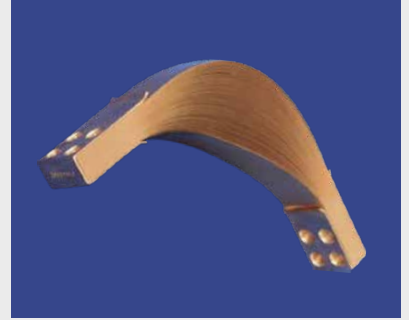






They are manufactured by combining Cu-ETP strips with a thickness between -0,10 mm and 0,20 mm to provide the desired properties and riveted under a press. Contact surfaces are additionally reinforced with thicker plates.

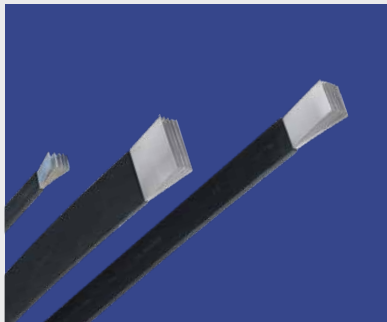
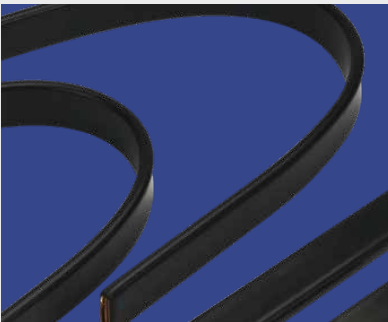
- These bars are manufactured according to customer requests and drawings.



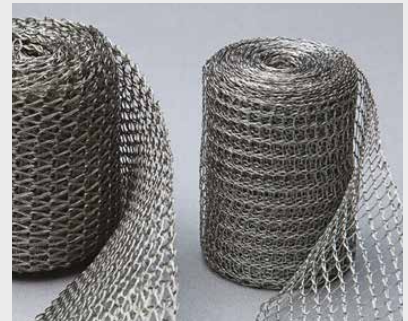


They are manufactured by combining Cu-ETP strips with a thickness between -0,10 mm and 0,20 mm to provide the desired properties and riveted under a press. Contact surfaces are additionally reinforced with thicker plates.

- These bars are manufactured according to customer requests and drawings.









### Flat Braided Copper Production Table

Cross Sections	Wire Diameters	No of Wires	Weight ( $\pm 7\%$ )
16mm <sup>2</sup>	0.10-0.20 mm	2048-512	144 g/m
25mm <sup>2</sup>	0.10-0.20 mm	3192-792	225g/m
35mm <sup>2</sup>	0.10-0.20 mm	4480-1120	315g/m
50mm <sup>2</sup>	0.10 mm-0.20 mm	6384-1584	450g/m
100mm <sup>2</sup>	0.20 mm	3168	900g/m



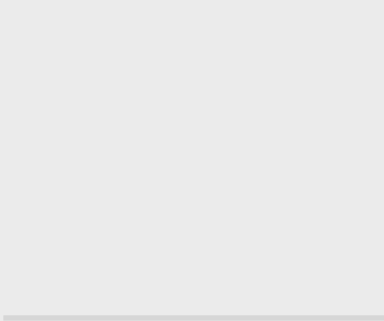
- Braided Copper tapes are made of electrolytic copper wires.
- The Wires can be tin plated if requested.
- Please ask for your special dimension requests.





**Flat Braided Copper Production Table**

Cross Sections	Wire Diameters	No of Wires	Weight ( $\pm 7\%$ )
16mm <sup>2</sup>	0.10-0.20 mm	2048-512	144 g/m
25mm <sup>2</sup>	0.10-0.20 mm	3192-792	225g/m
35mm <sup>2</sup>	0.10-0.20 mm	4480-1120	315g/m
50mm <sup>2</sup>	0.10 mm-0.20 mm	6384-1584	450g/m
100mm <sup>2</sup>	0.20 mm	3168	900g/m





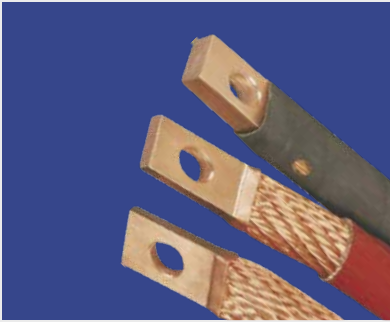
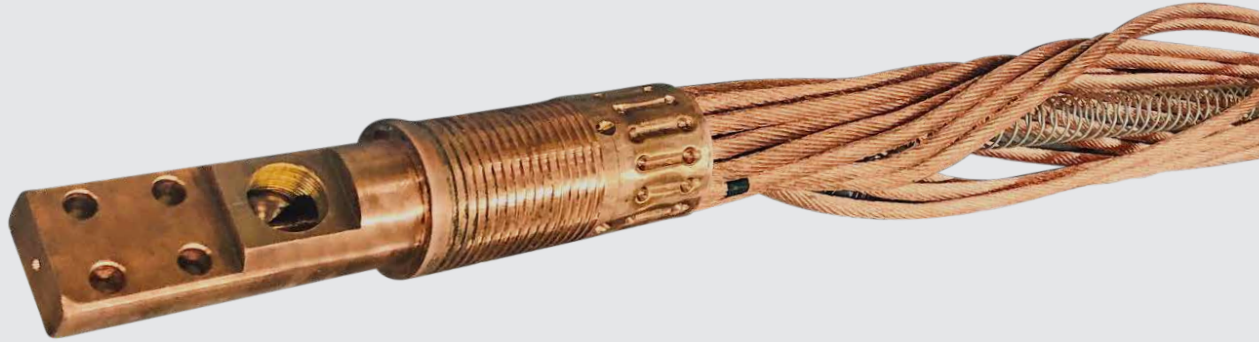


**OLURSAL**  
Flex Busbar Enerji Baę.Sis.San.ve Tic.Ltd.řti.

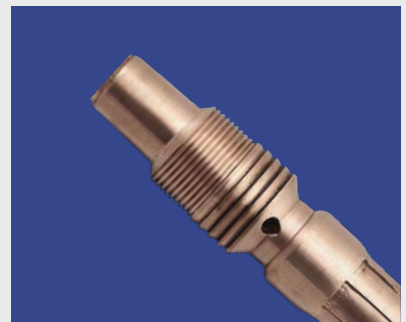
## Rope Lay Conductors

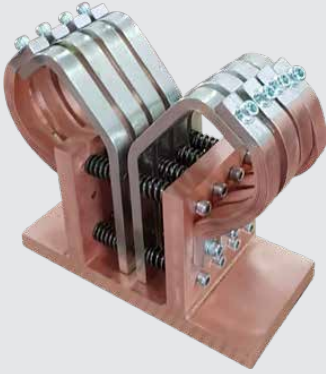






- This type of cables are obtained by placing the copper conductors inside hose and pressing cable lugs(heads) at the ends. These cables are cooled by water cycle.





We can produce special parts according to your drawings and samples.

Below products are some of our special part products:

Silver Contacts

Copper Contacts

Brush Boxes

Circuit Breaker Parts

Crane Auxiliary Components

Current receiver Cars

Energy Cables

Secondary Cables

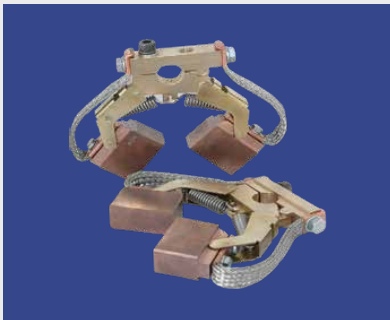
Induction Oven Cables

Plastic Injection Molds

Plastering Molds

Mold Sets

Brush Holders

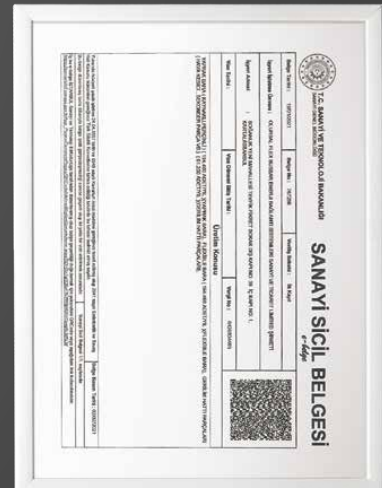


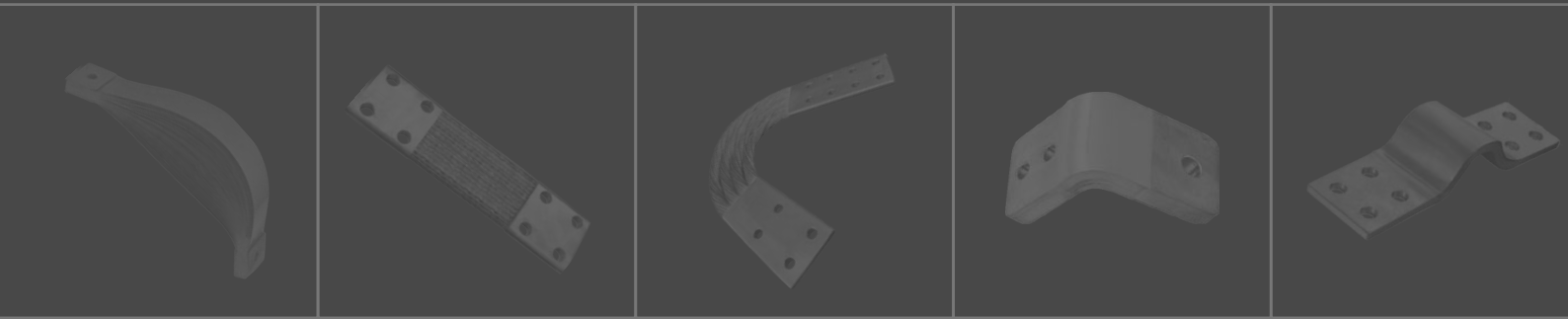


# OLURSAL

Flex Busbar Enerji Bağ.Sis.San.ve Tic.Ltd.Şti.

## Certificate and Documents





**OLURSAL**

**FLEX BUSBAR ENERJİ BAĞLANTI SİSTEMLERİ  
SANAYİ VE TİCARET LİMİTED ŞİRKETİ**

Soğanlık Yeni Mah. Tevfik Fikret Sk. No: 39/1  
Kartal / İstanbul / Türkiye

[www.olursal.com](http://www.olursal.com)