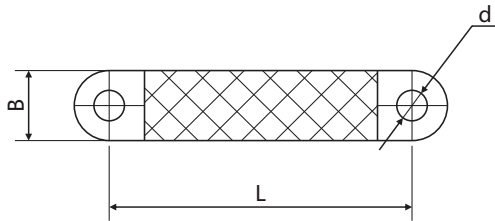


Earthing tapes and flexible copper connector 接地带和铜编织线软连接	01
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Earthing tapes with solderless pressed contact areas 接地带（裸铜或镀锡，两端沾锡或者压铜管）



Construction and application

Manufactured out of highly flexible braids with solderless pressed contact areas made out of seamless Cu-ETP-tubes. The crimping process is realized without using additives like tin or soldering and welding additives.

We use exclusively materials of same analysis and same conductivity of T2 (braids and tubes). Suitable as earthing tapes as well as components for current transfer. Everywhere applicable where components with high flexibility and an optimized contact resistance are needed.

结构与应用

接地带的材料为柔软的铜编织线，安装接触面由铜管压制而成，压制的过程不使用任何辅助添加剂。

铜编织带和铜管的材料均为导电性和延伸性相同的T2紫铜，接地带可用于变压器的接地，或者任何需要用到软连接的地方。

Technical data 技术参数

Cross-section (mm ²) 截面积	Dimensions 尺寸 (mm)		
	B	d	L
4	8	According to customers' wishes 根据客户要求定制	According to customers' wishes 根据客户要求定制
6	10		
8	12		
10	14		
14	18		
16	20		
25	22		
35	25		
50	33		
70	35		

Flexible aluminium connectors manufactured out of braided aluminium tapes 铝编织软连接（两端压铝管）



Construction and application

For all applications which requires components consisting out of flexible or highly flexible aluminium material we manufacture ready assembled connectors made out of braided aluminium tapes.

Whether to connect heating elements, aluminium busbars and switchgears or to transfer thermal energy, multifarious applications are conceivable.

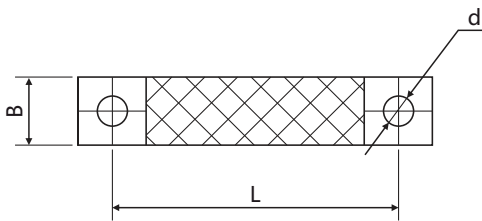
To manufacture such components, the contact areas are equipped with solderless pressed aluminium tubes. To connect aluminium with copper elements we deliver additional Bi-metallic sheets with or without drilling, coordinated with your application.

结构与应用

产品应用在所有需要铝软连接作为部件的地方，软连接由我们生产的铝编织带生产加工而成。

不管是连接导热部件，或是铝排、断路器，甚至转移热能，各个领域都能应用。

产品的安装接触面采用无焊铝管压缩而成，并可采用双金属加工工艺附着铜部件，是否在产品上钻孔取决于您的应用领域。

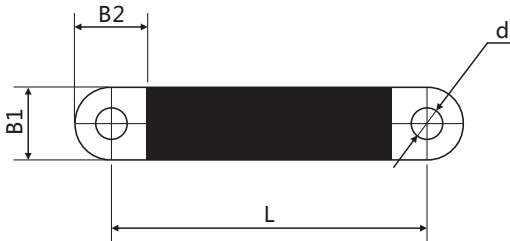


Technical data 技术参数

Cross-section (mm ²) 截面积	Dimensions 尺寸 (mm)		
	B	d	L
4	8	According to customers' wishes 根据客户要求定制	According to customers' wishes 根据客户要求定制
6	10		
8	12		
10	14		
14	18		
16	20		
25	22		
35	25		
50	33		
70	35		

Flexible insulated earthing tapes and copper connectors

铜编织线软连接套热缩管



Construction and application

Manufactured by flexible PVC-extruded braided copper tapes with solderless pressed contact areas made out of seamless Cu-ETP-tubes. The crimping process is realized without using additives like tin or soldering and welding additives.

We use exclusively materials of same analysis and same conductivity. So the hereby used bridgoid technology guarantee a extreme compressing and a optimal contact resistance by compressing the wires so much, that no harmful gases or other environmental influences can go inside. By using our connectors you can be sure to have a very well and optimized contact resistance.

Caused by the technical characteristics of the insulating material and the flexibility of the braids the connectors offer multifarious applications inside switchgears or control panel devices as well as earthing connections.

结构与应用

原材料为PVC加塑铜绞线，安装接触面为无缝紫铜管，冲压过程不使用任何类似于锡或者其他添加剂。

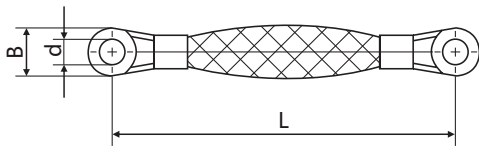
铜线和铜管均为相同性能和成分的紫铜，我们能保证最精密的冲压，因此导电带内部绝对不会有有害气体或者其他杂质，我们的导电带能提供最好性能和最低连接电阻。

得益于绝缘材料和铜线的技术特性，此款导电带可以被应用于断路器或者大电流控制设备的内部用作接地线。

Technical data 技术参数

Cross-section (mm ²) 截面积	Current-load 载流量	Dimensions 尺寸 (mm)			
		B1	B2	d	L
10	75-105A	12	12	5.5	According to customers' wishes 根据客户要求定制
16	100-150A	15	15	6.5	
25	145-210A	20	20	9	
25	145-210A	25	25	9	
35	170-250A	20	20	9	
35	170-250A	25	25	9	
50	205-300A	25	25	9	
50	215-310A	30	30	11	
70	245-355A	25	25	9	
70	245-355A	30	30	11	
70	270-390A	35	35	11	
70	270-390A	40	40	14	
100	325-470A	35	35	11	
100	325-470A	40	40	14	
120	375-540A	40	40	14	
140	405-580A	40	40	14	
210	505-730A	40	40	14	
210	505-730A	50	50	14	

Flexible connectors with solderless pressed terminals 铜编织线软连接 (两端压铜接头)



Construction and application

Manufactured out of flexible braided copper tapes made out of annealed, tinned Cu-ETP1 wires, with solderless pressed terminals. Everywhere applicable where connections with smaller cross-sections made out of braided copper tapes are needed.

结构与应用

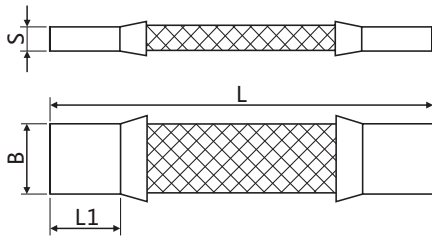
原材料为镀锡紫铜铜编织线和铜接头，可以用在任何需要小截面积的软连接的地方，铜接头的款式和编织线的截面积均可以更改。

Technical data 技术参数

Cross-section (mm ²) 截面积	Dimensions 尺寸 (mm)		
	B	d	L
4	8	According to customer's wishes 根据客户要求定制	According to customer's wishes 根据客户要求定制
6	10		
8	12		
10	14		
14	18		
16	20		
25	22		
35	25		
50	33		
70	35		

Flexible copper connectors in solderless pressed design

铜编织线大电流软连接



标准设计

纯铜或者镀锡铜编织线，单丝直径为 $\varnothing 0.15$ （标准设计）或者 $0.05/0.07/0.10\text{mm}$ ，两端压镀锡或者纯铜无缝铜管。

安装接触面

安装接触面是无喇叭口设计的（标准设计），可按需要设计成喇叭口或者一端需要喇叭口，接触面的长度也可以根据要求改变。

Standard design

Uncoated or tinned Copper braid, flexible wire- $\varnothing 0,15\text{ mm}$ (standard) or $0,05/0,07/0,10\text{mm}$ on request with solderless pressed contact areas made out of tinned or uncoated, seamless Copper tubes.

Contact areas

Contact areas rectangular without bending protection (standard). With or bending protection only on one side on request. It is also possible to change the length of all contact areas.

Drilling

Standard design without drilling. On request drilling according to customers' wishes are available.

Insulation

On request deliverable also in non-insulated design. Standard material for insulated design is a PVC-tube or materials on request. Liquid resistances Available with protected insulation against liquids or moisture on request.

Special designs

In special design we deliver also connectors made out of tinned wires or with coated contact areas (tin-, silverplated) or in coordination with your application according to your drawing/samples or wishes.

钻孔

标准设计并无钻孔，可按客户要求要求在接触面钻孔。

绝缘材料

标准设计为无绝缘材料，可按要求设计使用PVC绝缘管或者其他材料，使用绝缘材料后可有效防止液体或湿度的腐蚀。

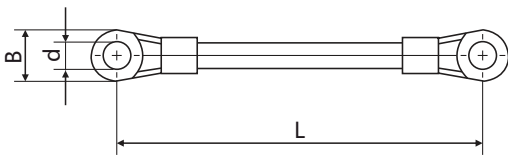
特殊设计

在特殊设计中，我们可以根据客户的要求使用各种规格的镀锡铜线，安装接触面可以镀锡或者镀银，可根据客户的图纸或者样品定制。

Technical data 技术参数

Cross-section (mm ²) 截面积	Dimensions 尺寸 (mm)			
	B	S	L	L1
16	20	1	According to customers' wishes 根据客户要求定制	According to customers' wishes 根据客户要求定制
16	25	0.8		
25	30	1.25		
25	35	1.1		
25	40	0.93		
35	40	1.25		
35	50	1		
50	50	1.3		
50	60	1.12		
70	70	1.4		
70	80	1.5		
100	100	1.5		
100	120	1.35		
100	150	1.1		

Flexible stranded connectors with solderless pressed terminals 铜绞线软连接 (两端压铜接头)



Construction

Manufactured by flexible uncoated or tinned copper cables with a wire-Ø 0,15 mm (standard) or 0,05/0,07/0,10 mm on request with copper terminals

Manufacturing in large as well as small quantities in length acc. to your wishes. On request it is also possible to order an insulated design (e.g. with PVC-, or other material). When placing an order please specify the length and the wished changes.

结构

线材为裸铜或镀锡铜绞线，单丝直径为Ø0.15（标准设计）或者0,05 /0,07/0,10mm,两端压铜接头，铜接头的形状可按要求更改。

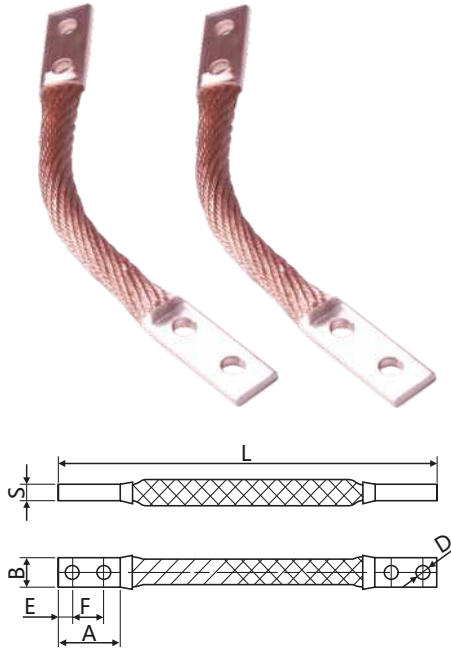
无论订单大小均可按客户要求定制，可以根据要求设计成使用绝缘来料包裹（PVC或者其他材料），订购请注明线材和铜接头的样式。

Technical data 技术参数

Cross-section (mm ²) 截面积	Dimensions 尺寸 (mm)		
	B	d	L
10	11	6.5	According to customers' wishes 根据客户要求定制
16	14	8.5	
25	16	8.5	
35	16	8.5	
50	18	10.5	
70	22	10.5	
95	24	13	
120	24	13	
150	30	13	
185	36	17	
240	38	17	
300	50	21	

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Stranded copper cables with and without insulation, in solderless pressed design 铜绞线大电流软连接



Standard design

Manufactured out of highly flexible round stranded copper cables with wire- \varnothing 0,15 mm (standard) or 0,05/0,07/0,10 mm on request. With solderless pressed contact areas made out of uncoated, seamless copper tubes.

Contact areas

Contact areas rectangular without bending protection (standard). With or bending protection only on one side on request. On request it is also possible to change the length of all contact areas.

Drilling

Standard drilling acc. to your wishes.

Length

According to your wishes.

Insulation

Standard insulation material is a PVC-tube. Other materials like silicone, glass-fibre- or shrinking tubes etc. on request. Please notice our design with a special heat resistance fire protection hose on page 36 of this catalogue.

Special designs

In special design we deliver also connectors made out of tinned wires or with coated contact areas (tin-, silver or plated) or in coordination with your application according to your drawings, samples or wishes.

标准设计

纯铜或者镀锡铜编织线，单丝直径为 \varnothing 0.15（标准设计）或者0,05/0,07/0,10mm，两端压镀锡或者纯铜无缝铜管。

安装接触面

安装接触面是无喇叭口设计的（标准设计），可按需要设计成喇叭口或者一端需要喇叭口，接触面的长度也可以根据要求改变。

钻孔

标准设计并无钻孔，可按客户要求要求在接触面钻孔。

长度

根据客户的要求。

绝缘材料

标准设计为无绝缘材料。可按要求设计使用PVC绝缘管或者其他材料。使用绝缘材料后可有效防止液体或湿度的腐蚀。

特殊设计

在特殊设计中，我们可以根据客户的要求使用各种规格的镀锡铜线，安装接触面可以镀锡或者镀银。可根据客户的图纸或者样品定制。

Technical data 技术参数

Cross-section (mm ²) 截面积	Current-load 载流量	Dimensions 尺寸 (mm)						
		A	B	D	E	F	S	L
70	300	30	15	7	7.5	15	8.5	According to customers' wishes 根据客户要求定制
95	360	40	20	9	10	20	8.2	
120	420	40	20	9	10	20	10	
150	480	50	25	11	12.5	25	11.5	
185	570	50	25	11	12.5	25	13.5	
240	670	60	32	11	16	32	12.8	
300	780	80	40	14	20	40	13.3	
400	950	80	40	14	20	40	15.5	
500	1100	80	40	14	20	40	23.5	
600	1250	80	55	14	20	40	18.8	
700	1375	80	55	14	20	40	20.2	
750	1450	80	55	14	20	40	21.8	
850	1550	80	55	14	20	40	22.3	
1000	1800	80	55	14	20	40	26.9	



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