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► Flexible expansion connectors - press welded



**Technical data**

**material**  
\* 0,10 - 0,30 mm copper HCP-foils

**contact areas**  
\* press- welded

**Construction and application**

These connectors are constructed from Cu-HCP foils with a thickness of 0,10 to 0,30 mm by overlapping the needed amount together and welding their ends as required contact areas without using any welding additive. This special welding process takes place under high pressure and intensive heat. These connectors have a uniform cross-section over their entire length and due to their homogeneous molecular structure; they are perfect electrical conductors.

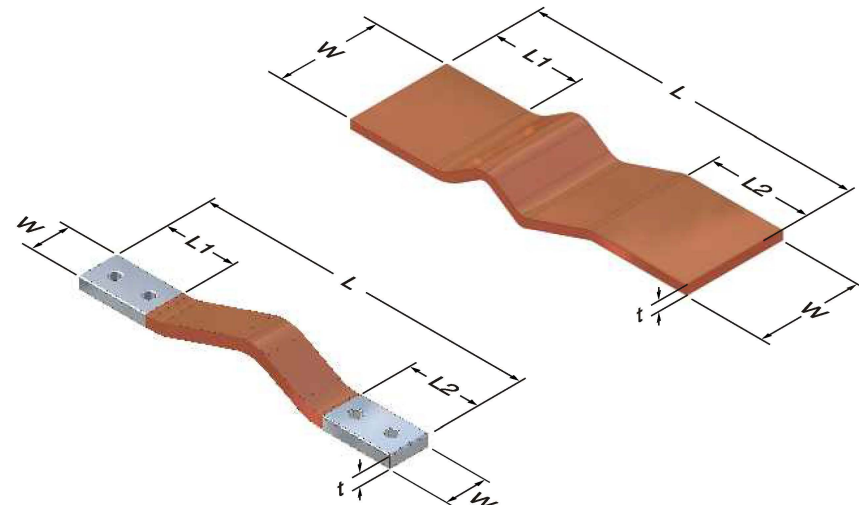
As press-welded expansion connectors can be subjected to the same loads as the corresponding bare busbars, they are mostly used together with busbar systems. As you can use them at standard dimensions with busbar systems; when installing several connectors side by side, the standard lamination widths are reduced by 2 mm to avoid possible friction.

We produce these connectors in S or V form to compensate expansions caused by an increase of generators. They are perfect built to deal with maximum forces due to decentralization and torsion. Especially U forms are manufactured for realize the two-dimensional movement inside welding machines.

UNCOATED Part-No	Cross sec. mm <sup>2</sup>	DIMENSIONS			
		W mm	t mm	L1 mm	L2 mm
PK-0140	140	28	5		
PK-0190	190	38	5		
PK-0240	240	48	5		
PK-0290	290	58	5		
PK-0390	390	78	5		
PK-0380	380	38	10		
PK-0480	480	48	10		
PK-0580	580	58	10		
PK-0780	780	78	10		
PK-0980	980	98	10		
PK-0570	570	38	15		
PK-0720	720	48	15		
PK-0870	870	58	15		
PK-1170	1170	78	15		
PK-1470	1470	98	15		
PK-0760	760	38	20		
PK-0960	960	48	20		
PK-1160	1160	58	20		
PK-1560	1560	78	20		
PK-1960	1960	98	20		

acc. to customers' wishes

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► Flexible expansion connectors - press welded



**Technical data**

**material**  
\* 0,10 - 0,30 mm copper HCP-foils

**contact areas**  
\* press- welded, uncoated, tinned or silvered

**Construction and application**

Expansion connectors in standard design for busbar systems.

UNCOATED Part-No	Cross sec. mm <sup>2</sup>	DIMENSIONS				Weight kg/pcs
		W mm	L1 mm	t mm	L mm	
PK-0200-230	200	40	40	5	230	0,48
PK-0320-230	320	40	40	8	230	0,77
PK-0400-230	400	40	40	10	230	0,96
PK-0480-230	480	40	40	12	230	1,15
PK-0600-230	600	40	40	15	230	1,28
PK-0800-230	800	40	40	20	230	1,92
PK-0250-250	250	50	50	5	250	0,65
PK-0400-250	400	50	50	8	250	1,04
PK-0500-250	500	50	50	10	250	1,30
PK-0600-250	600	50	50	12	250	1,55
PK-0750-250	750	50	50	15	250	1,95
PK-1000-250	1000	50	50	20	250	2,60
PK-0300-270	300	60	60	5	270	0,83
PK-0480-270	480	60	60	8	270	1,33
PK-0600-270	600	60	60	10	270	1,66
PK-0750-270	750	60	60	12	270	1,99
PK-0900-270	900	60	60	15	270	2,51
PK-1200-270	1200	60	60	20	270	3,32
PK-0400-310	400	80	80	5	310	1,25
PK-0640-310	640	80	80	8	310	1,99
PK-0800-310	800	80	80	10	310	2,50
PK-0960-310	960	80	80	12	310	3,01
PK-1200-310	1200	80	80	15	310	3,75
PK-1600-310	1600	80	80	20	310	5
PK-0500-350	500	100	100	5	350	1,74
PK-0800-350	800	100	100	8	350	2,81
PK-1000-350	1000	100	100	10	350	3,48
PK-1200-350	1200	100	100	12	350	4,17
PK-1500-350	1500	100	100	15	350	5,27
PK-2000-350	2000	100	100	20	350	6,96
PK-2500-350	2500	100	100	25	350	8,70
PK-0600-390	600	120	120	5	390	2,26
PK-0960-390	960	120	120	8	390	3,68
PK-1200-390	1200	120	120	10	390	4,52
PK-1440-390	1440	120	120	12	390	5,50
PK-1800-390	1800	120	120	15	390	6,97
PK-2400-390	2400	120	120	20	390	9,04
PK-3000-390	3000	120	120	25	390	11,57

