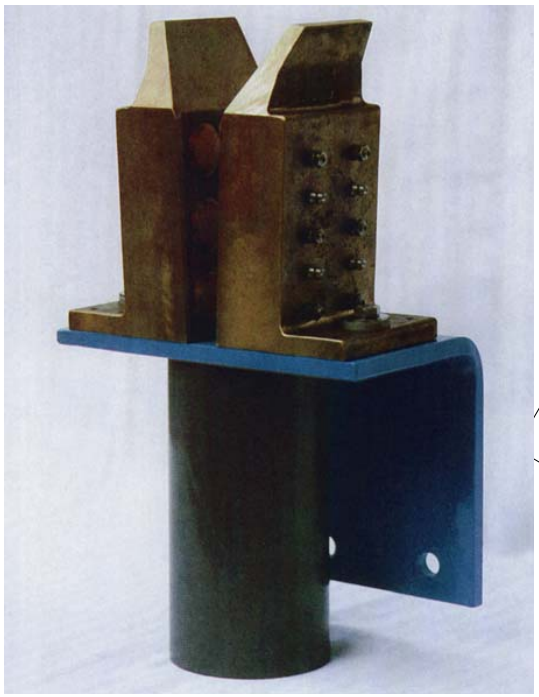
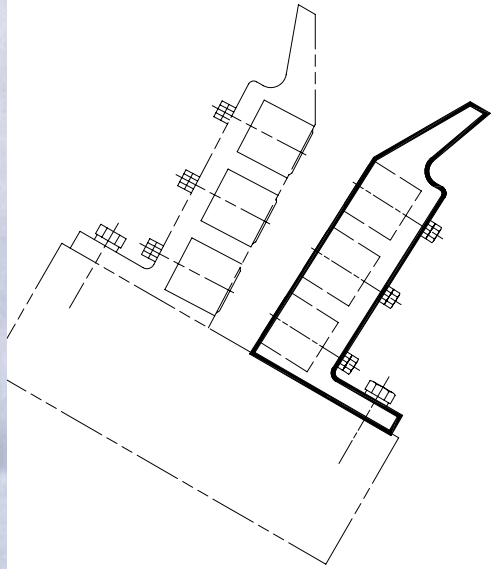
GALVABAU

Surface treatment equipment

High Current Stud Contact Frames





High Current Stud Contact Frames for the transferal of current flow, consist of:

Two half frames made of electrolyt bronze casts with treated drive surfaces for the slightly conical contact blades of the flightbar with insulated clamping elements.

Axial feathered high current contact studs made of copper.

Flight rails and contact studs rub against each other when entering, dirt particles will be wiped off. Because of the slightly conical form of the flight rails and the holding in the support, the studs touch at the same time. The possibility of flightbars getting stuck in any one of the above rows of studs is avoided.

The contact blades of the flightbars are lead in such a way that any possible axial power must not be taken away from the contact studs. The lateral pressure to the contact frames, which results from eccentric loading of the flightbars or from the movement of the goods, will be received through the raised operating surface. In this way and because of the slightly conical shape of the contact blades, it can be made certain that all the contact studs always execute the same contact pressure to the contact blades.

The multi-contact disc band in the frame interior is protected, the penetrating of any bath liquids will be prevented by an O-ring-gasket on the contact stud. The contact grease filling (applied by lubricating nipples) additionally protects this area.

Also available in straight designs for existing lines.

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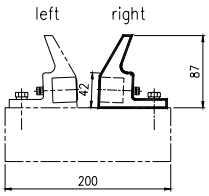

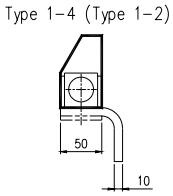

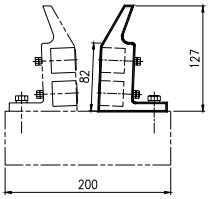

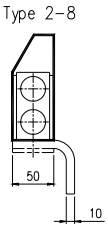

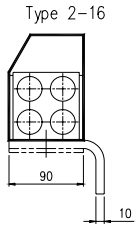

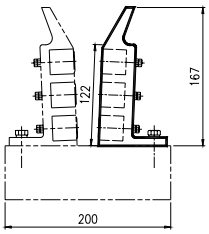

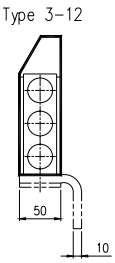

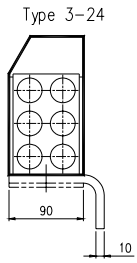

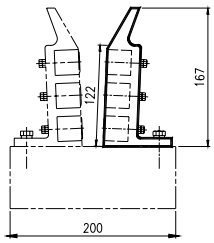

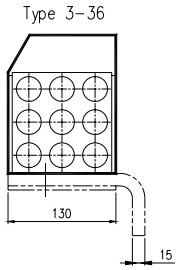

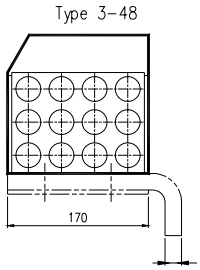

Type	**1-2**	**1-4**	**2-8**	**2-16**	**3-12**	**3-24**	**3-36**	**3-48**
Stud per half frame	0/1	1	2	4	3	6	9	12
Stud per contact frame	1	2	4	8	6	12	18	24
Stud per contact pair	2	4	8	16	12	24	36	48
Current (A) per pair	1.600	2.000	3.400	6.000	4.800	7.600	10.400	13.200
Flightbar Height from .. to .. mm	40..60		80..100		120..150			

Subject to change!

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