

BRIDGE SLOT SCREENS

DESCRIPTION

Bridge Slot Screens is manufactured from internally punched quality sheet metal. When the slit is made there is NO integral weakness is caused to the collapsible resistance as there is no material removed from the pipe.

BRIDGE SLOTTED SCREEN

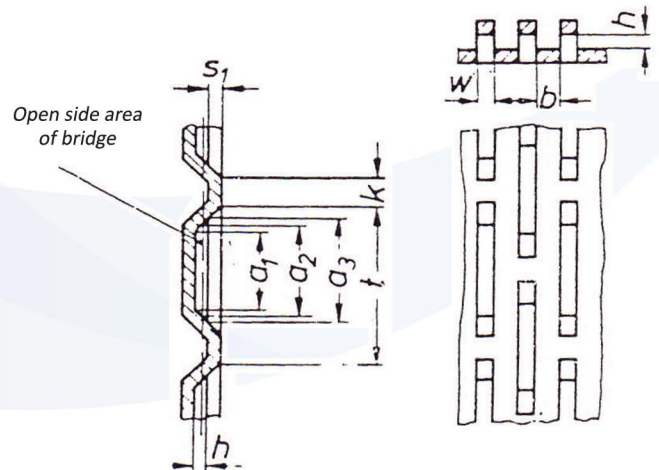
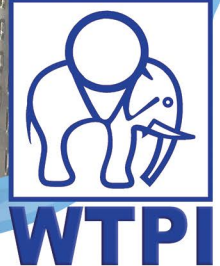
This screen is made by punching “bridges” into a plate and then rolling the plate into a pipe. The slots so formed are parallel to the length of the screen and are staggered for strength.

The advanced bridge slotted screen technology enables superior weld strengths and accurate slots tolerances. The slot openings are pressed out, but the material remains providing increases mechanical strength. The inside diameter of the screen is smooth and makes running tools and instruments easy. This type of screen resists twisting, pushing and pulling in difficult wells better than any other products.

The bridge slot design acts as a gravel pack retainer allowing for the slots to usually stay unblocked and preserve the hydraulic efficiency. A pre-requisite with this product is the right gravel pack design. The result is an economical robust well screen providing a sand retention in gravel pack completions.

FEATURES

- Mechanical robustness
- Precise slot openings
- Easy installation
- Quality sheet metal
- Slot opening from generally from 1.5mm up 5.0mm
- All pipe sizes are available in lengths from 1.0m – 5.9m
- Customized construction: Wall thickness 3 to 8mm, slot sizes depending on wall thickness
- Customized material grades ST37-2 black carbon steel, ST37-2 Galvanized steel
- Customized end-fittings from weld collars, ZSM couplings or and threaded ends are available



OPEN AREAS (calculated as percentage of surface area)

Slot Openings mm	Tubafor high density			Standard Tubafor						According to DIN 4922					
	Short Punch			Medium Punch			Short Punch			Medium Punch			Long Punch		
	Thickness			Thickness			Thickness			Thickness			Thickness		
	3	3,5	4	3	4	5	3	3,5	4	4	5	6	5	6	8
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
0,50	4,83	4,83	4,83	3,83	3,83	3,83	-	-	-	-	-	-	-	-	-
0,75	7,37	7,37	7,37	5,83	5,83	5,83	-	-	-	-	-	-	-	-	-
1,00	10,00	10,00	10,00	7,90	7,90	7,90	9,04	9,04	8,39	6,58	6,17	5,81	5,72	5,45	4,97
1,25	12,67	12,67	12,67	10,03	10,03	10,03	11,57	11,57	10,73	8,08	7,59	7,16	7,30	6,95	6,34
1,50	15,43	15,43	15,43	12,22	12,22	12,22	14,11	14,11	13,08	9,59	9,02	8,52	8,89	8,46	7,72
2,00	21,20	21,20	21,20	16,78	16,78	16,78	18,14	18,14	16,94	13,21	12,43	11,74	11,64	11,11	10,18
2,50	27,27	27,27	27,27	21,59	21,59	-	23,58	23,58	22,03	16,05	15,17	14,38	14,32	13,70	12,60
3,00	32,70	32,70	32,70	25,89	25,89	-	27,33	27,33	25,59	19,86	18,77	17,79	17,72	16,96	15,60
3,50	-	-	-	-	-	-	-	-	-	22,50	21,33	20,25	20,38	19,53	18,03
4,00	-	-	-	-	-	-	-	-	-	26,56	25,18	23,90	23,96	22,96	21,19