

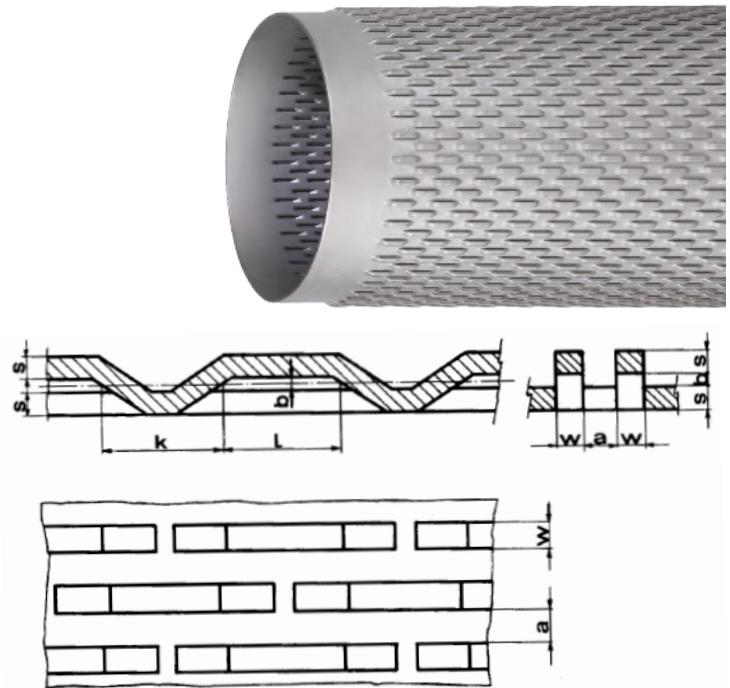
BRIDGE SLOTTED WELLSCREEN

Bridge-slotted wellscreens are one of the most widely used screen types for water well applications, offering an effective balance between filtration and hydraulic performance.

Laboratory testing has demonstrated that bridge-slotted screens with 1.5 mm slot openings and approximately 13% open area provide very low head loss during water flow. Their hydraulic conductivity can exceed 3.3 cm/s, significantly higher than that of even highly permeable water-bearing formations.

This high hydraulic conductivity allows water to enter the well efficiently while maintaining effective filtration, making bridge-slotted wellscreens a reliable solution for a wide range of groundwater applications.

Available to order, not a stocked product.



				OPEN AREA						
Diameter		w	a	Slot	1	1.5	2	2.5	3	mm
inch	mm	mm	mm	L	23.5	24.25	25	25.75	26.5	mm
4½"	114.3	6	7.5	-	6.8	10.6	14.5	18.7	23.1	%
4½"	114.3	6	7.5	-	235	370	505	655	805	cm²/m
5¼"	139.7	6	7.5	-	6.8	10.6	14.5	18.7	23.1	%
5¼"	139.7	6	7.5	-	295	455	625	800	995	cm²/m
6⅝"	168.3	6	9	-	6.1	9.5	13.1	16.8	20.8	%
6⅝"	168.3	6	9	-	322	500	680	880	1080	cm²/m
7"	177.8	6	8	-	6.6	10.2	14	18	22.2	%
7"	177.8	6	8	-	360	560	770	990	1220	cm²/m
7⅝"	193.7	6	8	-	6.6	10.2	14	18	22.2	%
7⅝"	193.7	6	8	-	395	615	840	1080	1335	cm²/m
8⅝"	219.1	6	7.5	-	6.8	10.6	14.5	18.7	23.1	%
8⅝"	219.1	6	7.5	-	465	720	985	1270	1570	cm²/m

BRIDGE SLOTTED WELLSCREEN (cont.)

				OPEN AREA						
Diameter		w	a	Slot	1	1.5	2	2.5	3	mm
inch	mm	mm	mm	L	23.5	24.25	25	25.75	26.5	mm
9" 5/8	244.5	6	9		6.1	9.5	13.1	16.8	20.8	%
9" 5/8	244.5	6	9		465	725	995	1275	1580	cm ² /m
10" 3/4	237	6	8.5		6.3	9.9	13.5	17.4	21.5	%
10" 3/4	237	6	8.5		535	840	1145	1480	1825	cm ² /m
12" 3/4	323.9	6	7.5		6.8	10.6	14.5	18.7	23.1	%
12" 3/4	323.9	6	7.5		685	1070	1465	1890	2335	cm ² /m
14"	355.6	6	9		6.1	9.5	13.1	16.8	20.8	%
14"	355.6	6	9		675	1055	1455	1865	2310	cm ² /m
16"	406.4	6	8		6.6	10.2	14	18	22.2	%
16"	406.4	6	8		835	1295	1775	2285	2820	cm ² /m
18"	457.2	6	8.5		6.3	9.9	13.5	17.4	21.5	%
18"	457.2	6	8.5		900	1415	1930	2485	3075	cm ² /m
20"	508	6	9		6.1	9.5	13.1	16.8	20.8	%
20"	508	6	9		965	1510	2085	2670	3305	cm ² /m