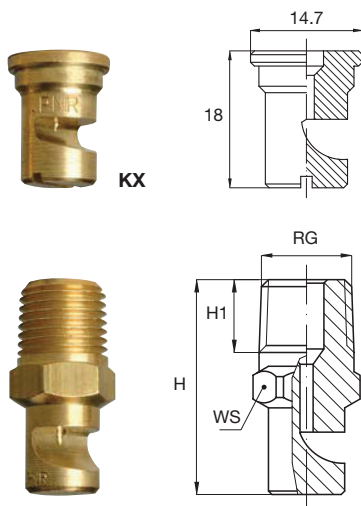


## FLAT JET NOZZLES

### K



#### LARGE SPRAY ANGLE

K flat jet nozzles work on the deflection principle conveying a water vein onto a machined deflection surface, and produce a jet with a wide angle flat spray pattern, medium impact value and medium size droplets.

Their round outlet orifice and unobstructed inside passage minimize plugging risks.

K style nozzles shown on the next page are available with a threaded connection and, for capacity sizes from 0390 to 2310 also as a nozzle tip for assembly onto a nipple by means of a retaining nut.

Materials	B1	AISI 303 Stainless steel
	B3	AISI 316 Stainless steel
	T1	Brass

#### Thread size and dimensions

Code	RG inch	H mm	H1 mm	WS mm
<b>KGW</b>	1/8	31	10	14
<b>KHW</b>	1/4	34	12.5	14
<b>KIW</b>	3/8	44	13	17
<b>KJW</b>	1/2	49	17	22
<b>KKW</b>	3/4	65	20	36
<b>KLW</b>	1	92	26	46

#### How to compose the nozzle code

The nozzle shown on the next page can be supplied with same capacity and with different connection threads, the size is indicated by the second digit in the nozzle code. Therefore, the nozzle code has to be identified as in the following example.

**KJW 2470 B3**  
|  
**1/2"**

#### Nozzle dimensions

Some nozzles may have different dimensions even when made with the same thread. Dimensions given above refer always to the largest nozzle with a given thread size. Please refer to our offices for detailed information.

#### Typical applications

- Washing of fruits, vegetables, crushed stones and any other product moving on a conveyor.
- Cooling and washing of vertical surfaces and also for fire fighting purposes.

## FLAT JET NOZZLES

# K

### LARGE SPRAY ANGLE

KGW	KHW	KIW	KJW	KKW	KLW	KXW	D mm	Code	Capacity at different pressure values							Spray angle at press (bar)	
									(lpm)							(bar)	
									0.5	1.0	2.0	3.0	4.0	5.0	7.0	1.5	4.0
•						•	0.6	<b>0390</b>	0.16	0.23	0.32	0.39	0.45	0.50	0.60	90	120
•						•	0.7	<b>0590</b>	0.24	0.34	0.48	0.59	0.68	0.76	0.90	105	120
•						•	0.8	<b>0780</b>	0.32	0.45	0.64	0.78	0.90	1.01	1.19	110	125
•						•	1.0	<b>1120</b>	0.49	0.69	0.98	1.20	1.39	1.55	1.83	105	122
•	•					•	1.1	<b>1160</b>	0.65	0.92	1.31	1.60	1.85	2.07	2.44	110	130
•	•					•	1.3	<b>1200</b>	0.82	1.15	1.63	2.00	2.31	2.58	3.06	120	130
•	•					•	1.4	<b>1230</b>	0.94	1.33	1.88	2.30	2.66	2.97	3.51	110	125
•	•					•	1.6	<b>1310</b>	1.27	1.79	2.53	3.10	3.58	4.00	4.74	120	130
•	•					•	1.8	<b>1390</b>	1.59	2.25	3.18	3.90	4.50	5.03	5.96	130	140
•	•					•	2.3	<b>1590</b>	2.41	3.41	4.82	5.90	6.81	7.62	9.01	120	130
•	•					•	2.6	<b>1780</b>	3.18	4.50	6.37	7.80	9.01	10.1	11.9	130	140
•	•					•	2.9	<b>1940</b>	3.84	5.43	7.68	9.40	10.9	12.1	14.4	140	150
•	•					•	3.3	<b>2117</b>	4.78	6.75	9.55	11.7	13.5	15.1	17.9	110	120
•	•					•	3.6	<b>2141</b>	5.76	8.14	11.5	14.1	16.3	18.2	21.5	120	130
•	•					•	3.8	<b>2157</b>	6.41	9.06	12.8	15.7	18.1	20.3	24.0	120	130
•	•					•	4.0	<b>2172</b>	7.02	9.93	14.0	17.2	19.9	22.2	26.3	125	135
•	•					•	4.1	<b>2188</b>	7.68	10.9	15.4	18.8	21.7	24.3	28.7	130	140
•	•					•	4.4	<b>2210</b>	8.57	12.1	17.1	21.0	24.2	27.1	32.1	135	145
•	•					•	4.5	<b>2230</b>	9.39	13.3	18.8	23.0	26.6	29.7	35.1	110	120
•	•	•				•	5.0	<b>2270</b>	11.0	15.6	22.0	27.0	31.2	34.9	41.2	115	125
•	•	•				•	5.3	<b>2310</b>	12.7	17.9	25.3	31.0	35.8	40.0	47.4	125	135
•	•	•	•			•	5.6	<b>2350</b>	14.3	20.2	28.6	35.0	40.4	45.2	53.5	130	140
•	•	•	•			•	6.0	<b>2390</b>	15.9	22.5	31.8	39.0	45.0	50.3	59.6	130	140
•	•	•	•			•	6.5	<b>2470</b>	19.2	27.1	38.4	47.0	54.3	60.7	71.8	135	140
•	•	•	•			•	7.1	<b>2550</b>	22.5	31.8	44.9	55.0	63.5	71.0	84.0	135	145
•	•	•	•			•	7.5	<b>2630</b>	25.7	36.4	51.4	63.0	72.7	81.3	96.2	140	150
•	•	•	•	•		•	8.0	<b>2700</b>	28.6	40.4	57.2	70.0	80.8	90.4	107	130	140
•	•	•	•	•		•	8.4	<b>2780</b>	31.8	45.0	63.7	78.0	90.1	101	119	135	145
•	•	•	•	•		•	8.7	<b>2860</b>	35.1	49.7	70.2	86.0	99.3	111	131	135	145
•	•	•	•	•		•	9.3	<b>2940</b>	38.4	54.3	76.8	94.0	109	121	144	140	150
•	•	•	•	•		•	10.3	<b>3110</b>	44.9	63.5	89.8	110	127	142	168	125	135
•	•	•	•	•		•	11.0	<b>3125</b>	51.0	72.2	102	125	144	161	191	130	135
•	•	•	•	•		•	11.4	<b>3141</b>	57.6	81.4	115	141	163	182	215	130	135
•	•	•	•	•		•	12.2	<b>3164</b>	67.0	94.7	134	164	189	212	251	135	145
•	•	•	•	•	•	•	14.6	<b>3235</b>	95.9	136	192	235	271	303	359	130	135
•	•	•	•	•	•	•	17.9	<b>3350</b>	143	202	286	350	404	452	535	130	135



ZAA 1738 xx



VAA 0038 xx

#### Assembly accessories

KXW tips are normally secured with a retaining nut onto a welded nipple.

All details on accessories are shown in our Catalogue CTG AC20.