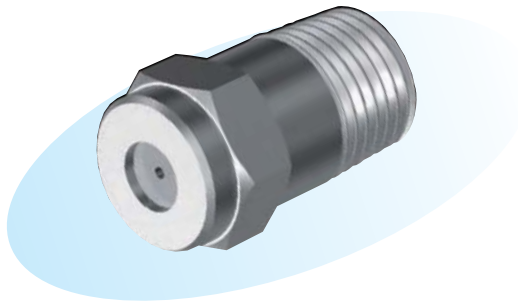


Straight Jet Nozzles



► Features

- Highly excellent rectilinearity.
- Orifice of highly wear-resistant material such as cemented carbide, ruby, etc. (KCJ, KRJ, etc.)

► Applications

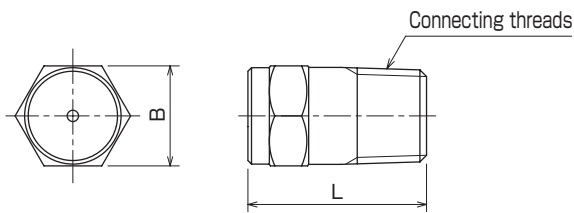
- High-pressure washing
- Washing of paper-making felts, screens, vehicles, returnable boxes, mechanical systems, parts, bottles, filter covers, etc.

► Materials

- Nozzle tip : Stainless steel, cemented carbide, ceramics, sapphire, or ruby
- Nozzle case : Stainless steel (standard material: SUS303)

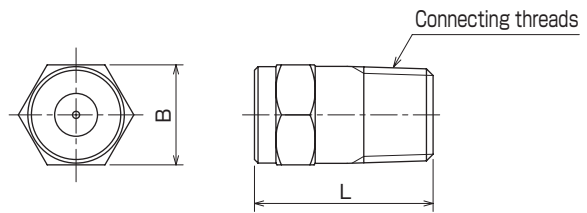
Shapes and dimensions

● KSJ···S type



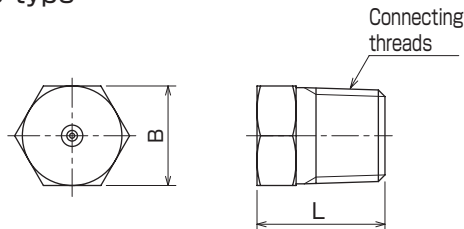
Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/8 KSJ···S	10	18	R 1/8	10
1/4 KSJ···S	14	25	R 1/4	30

● KCJ···S, KCEJ···S and KRJ···S types



Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/8 KCJ···S	10	18	R 1/8	10
1/4 KCJ···S	14	25	R 1/4	30

● KSAJ type



Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/8 KSAJ	12	16	R 1/8	10
1/4 KSAJ	14	18	R 1/4	20

NPT thread is also available.

● Model and Model Number representing

● KSJ···S type

1/4	K	C	J	1.0	S
Connecting threads	Nozzle tip material			Model number	
	S - stainless steel				
	C - cemented carbide				
	CE - ceramics				
	R - ruby				

● KSAJ type

1/4	K	S	A	J	1.0
Connecting threads	Nozzle tip material				Model number
	SA - sapphire				

● Standard type model number list

●: Model availability

Connecting threads	Model				Model number	Minimum orifice diameter (mm)	Flow rate (L/min) at following pressure (MPa)							
	KSJ	KCEJ	KCJ	KRJ KSAJ			0.3	0.5	0.7	1	2	3	4	5
				●			●	0.3	0.3	0.07	0.09	0.10	0.12	0.17
			●	●	0.4	0.4	0.12	0.15	0.18	0.22	0.31	0.38	0.44	0.49
			●	●	0.5	0.5	0.19	0.24	0.28	0.34	0.48	0.59	0.68	0.77
			●	●	0.6	0.6	0.27	0.35	0.41	0.49	0.70	0.85	0.99	1.10
			●	●	0.7	0.7	0.37	0.47	0.56	0.67	0.95	1.16	1.34	1.50
	●	●	●	●	0.8	0.8	0.48	0.62	0.74	0.88	1.24	1.52	1.75	1.96
	●	●	●		0.9	0.9	0.61	0.78	0.93	1.11	1.57	1.92	2.2	2.5
	●	●	●		1.0	1.0	0.75	0.97	1.15	1.37	1.94	2.4	2.7	3.1
	●	●	●		1.1	1.1	0.91	1.17	1.39	1.66	2.3	2.9	3.3	3.7
	●	●	●		1.2	1.2	1.08	1.39	1.65	1.97	2.8	3.4	3.9	4.4
1/8	●	●	●		1.3	1.3	1.27	1.64	1.93	2.3	3.3	4.0	4.6	5.2
1/4	●	●	●		1.4	1.4	1.47	1.90	2.3	2.7	3.8	4.6	5.4	6.0
	●	●	●		1.5	1.5	1.69	2.2	2.6	3.1	4.4	5.3	6.2	6.9
	●	●	●		1.6	1.6	1.92	2.5	2.9	3.5	5.0	6.1	7.0	7.8
	●	●	●		1.7	1.7	2.2	2.8	3.3	4.0	5.6	6.9	7.9	8.8
	●	●	●		1.8	1.8	2.4	3.1	3.7	4.4	6.3	7.7	8.9	9.9
	●	●	●		1.9	1.9	2.7	3.5	4.1	4.9	7.0	8.6	9.9	11.0
	●	●	●		2.0	2.0	3.0	3.9	4.6	5.5	7.7	9.5	10.9	12.2
	●	●	●		2.1	2.1	3.3	4.3	5.1	6.0	8.5	10.5	12.1	13.5
	●	●	●		2.2	2.2	3.6	4.7	5.6	6.6	9.4	11.5	13.2	14.8
	●	●	●		2.3	2.3	4.0	5.1	6.1	7.2	10.2	12.5	14.5	16.2
	●	●	●		2.4	2.4	4.3	5.6	6.6	7.9	11.1	13.7	15.8	17.6
	●	●	●		2.5	2.5	4.7	6.0	7.2	8.6	12.1	14.8	17.1	19.1

Note: Flow rates are just for reference as they depend on orifice diameter.