

# STRAIGHT SPRAY NOZZLES

## Straight Jet Nozzle-Type C



### FEATURES

- when mounted on a pipe, the nozzle orifice projects inside the pipe, and is highly resistant to clogging. CL type (Long type) is higher clogging resistant.

### MATERIAL

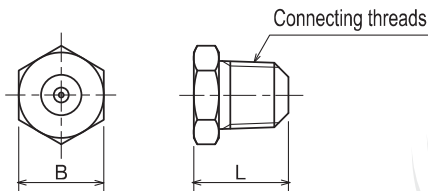
- Nozzle tip : Stainless steel, cemented carbide, ceramics, sapphire, or ruby
- Nozzle casing : Stainless steel (standard material : JIS SUS303)

### APPLICATIONS

- High pressure cleaning for wire, felts, etc.

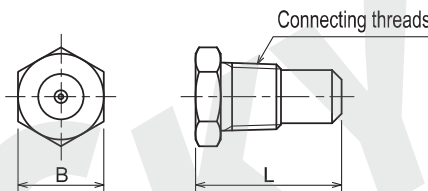
### SHAPES AND DIMENSION

- KCJ ... C, KRJ ... C, KSJ ... C and KCEJ ... C types



Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/8 KCJ...C	12	15	R 1/8	15
1/4 KCJ...C	17	19	R 1/4	25
KCJ...C	17	19	M 14	25

- KCJ ... CL, KRJ ... CL, KSJ ... CL and KCEJ ... CL types



Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/8 KCJ...CL	12	29	R 1/8	20
1/4 KCJ...CL	17	29	R 1/4	40

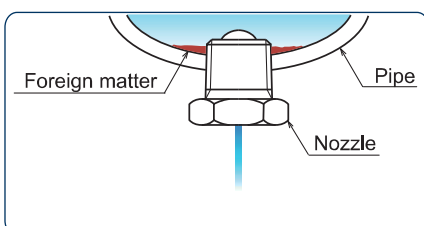
NPT thread is also available

### STANDARD TYPE MODEL NUMBER LIST

Connecting threads	Model				Model number	Orifice dia. (mm)	Flow rate (ℓ/min) at following pressure (MPa)							
	KCJ	KRJ	KSJ	KCEJ			0.3	0.5	0.7	1	2	3	4	5
1/8	●	●			0.3	0.3	0.07	0.09	0.10	0.12	0.17	0.21	0.25	0.28
	●	●			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	0.29	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
1/4	●	●	●	●	0.8	0.8	0.48	0.62	0.73	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
	●	●	●	●	1.2	1.2	1.08	1.39	1.65	1.97	2.8	3.4	3.9	4.4
	●	●	●	●	1.5	1.5	1.69	2.2	2.6	3.1	4.4	5.3	6.2	6.9
	●	●	●	●	2.0	2.0	3.0	3.9	4.6	5.5	7.7	9.5	10.9	12.2

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

### EXAMPLE OF USE



#### STRAIGHT JET NOZZLE TYPE C

Model and Model number representing

**1/4**

Connecting threads

**K C J**

Nozzle tip material  
C - cemented carbide  
R - ruby  
S - stainless steel  
CE - ceramics  
SA - sapphire

**1.0 S**

Model number