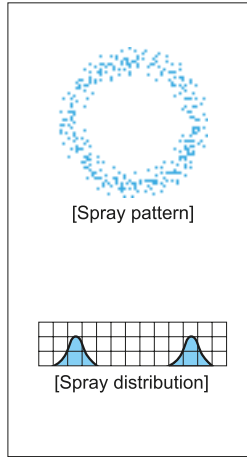
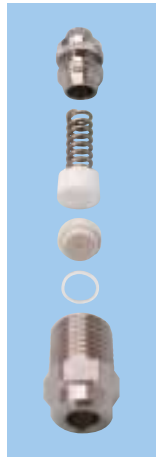


Semi-fine Atomization and Small Capacity Hollow Cone Spray Nozzles



Hollow Cone



[Features]

- Small capacity hollow cone spray nozzle.
- Semi-fine atomization.
- The whirl chamber is formed by a ceramic orifice and closer, which provides excellent wear-resistance.

[Standard pressure]

0.3 MPa

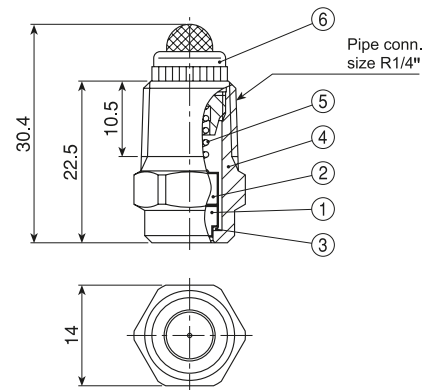
[Applications]

- Humidifying: Air handling units
- Cooling: Gas, metals
- Spraying: Chemicals

K series

K series (with ceramic orifice inserted)	
Structure	<ul style="list-style-type: none"> • Nozzle orifice and closer are made of ceramics. • All models include built-in strainers.
Material	<ul style="list-style-type: none"> • Nozzle orifice & closer: ceramic • Nozzle body: S303
Mass	<ul style="list-style-type: none"> • S303: 17.5 g

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.



- ①Ceramic orifice ②Ceramic closer ③Packing (PTFE)
- ④Nozzle body ⑤Spring (S316)
- ⑥Strainer (S303+S304)

Spray capacity code	Spray angle (°)			Spray capacity (ℓ/min)									Mean droplet diameter (μm)	Free passage diameter (mm)	Strainer mesh size
	0.15 MPa	0.3 MPa	0.7 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	1.5 MPa	2 MPa	2.5 MPa			
006	—	80	80	—	—	0.06	0.08	0.09	0.11	0.13	0.15	0.16	80	0.4	150
008	—	80	80	—	—	0.08	0.10	0.12	0.14	0.17	0.20	0.22			
010	—	80	80	—	—	0.10	0.13	0.15	0.18	0.22	0.25	0.27	}	0.5	100
012	—	80	80	—	—	0.12	0.15	0.18	0.21	0.26	0.30	0.33			
015	—	80	80	—	0.12	0.15	0.19	0.22	0.27	0.32	0.37	0.41	}	0.6	100
020	70	80	80	0.14	0.16	0.20	0.26	0.30	0.35	0.43	0.49	0.55			
025	70	80	80	0.18	0.21	0.25	0.32	0.37	0.44	0.54	0.62	0.69	}	0.7	50
030	70	80	80	0.22	0.25	0.30	0.38	0.45	0.53	0.65	0.74	0.82			
040	70	80	80	0.29	0.33	0.40	0.51	0.60	0.71	0.86	0.99	1.10	}	0.9	50
050	70	80	80	0.36	0.41	0.50	0.64	0.75	0.89	1.08	1.23	1.37			
060	70	80	80	0.43	0.49	0.60	0.77	0.90	1.06	1.29	1.48	1.65	}	1.0	50
070	70	80	80	0.50	0.58	0.70	0.89	1.05	1.24	1.51	1.73	1.92			
080	70	80	80	0.58	0.66	0.80	1.02	1.20	1.42	1.72	1.97	2.20	}	1.2	50
100	70	80	80	0.72	0.82	1.00	1.28	1.50	1.77	2.15	2.47	2.74			
120	70	80	80	0.86	0.99	1.20	1.53	1.80	2.13	2.58	2.96	3.29	}	1.3	50
140	70	80	80	1.01	1.15	1.40	1.79	2.10	2.48	3.01	3.46	3.84			
160	70	80	80	1.15	1.32	1.60	2.04	2.40	2.84	3.44	3.95	4.39	}	1.5	50
180	70	80	80	1.29	1.48	1.80	2.30	2.69	3.19	3.87	4.44	4.94			

How to order

Please inquire or order for a specific nozzle using this coding system.

<Example> 1/4M K 006N S303W

1/4M K 006N S303 W

Spray capacity code	Material
■ 006	■ S303
}	
■ 180	