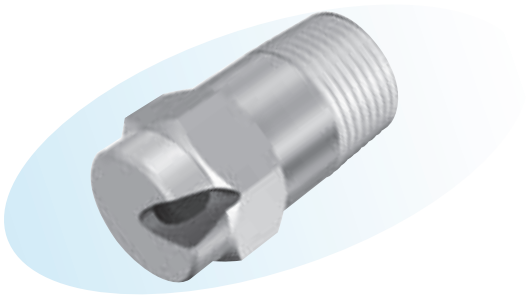
Ramp Flat Nozzle





Features

- Spray pattern deviated from the nozzle center.
- Elimination of spray liquid pool for multiple nozzle arrangements.
- No need or tilted nozzle installation.

Applications

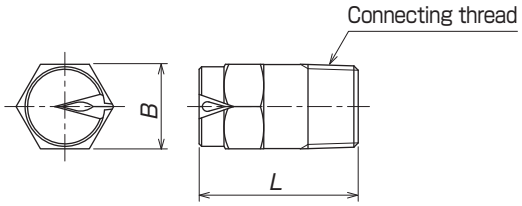
- Cooling of steel sheets, steel billets, shape steels, etc.
- Spraying of etching agent, oil, lubricant, liquid glue, insect repellent, aqueous solution, etc.
- Washing of steel sheets, steel billets, filters, felt, screens, etc.

Materials

- 303 Stainless steel
- Brass

Shapes and dimensions

● KSH·····-··RO, Male thread type

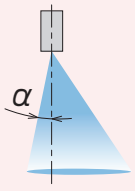


Model	Dimension [mm]		Connecting thread	Weight [g]
	B	*L*		
1/4 KSH·····-··RO	14	25	R 1/4	25
3/8 KSH·····-··RO	17	32	R 3/8	40
1/2 KSH·····-··RO	23	38	R 1/2	95
3/4 KSH·····-··RO	27	50	R 3/4	170

＊NPT thread is also available.

●Model and Model Number representing

1/4 (Thread size) K S H (Material: S - Stainless steel, B - Brass) 1065 - 0 RO (Model number; Spray angle at 0.3 MPa : α (shown at right))



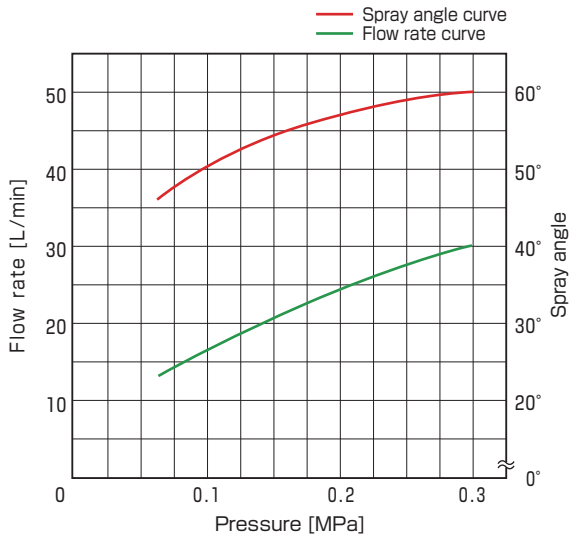
Standard type model number list

Thread size	Model	Model number	Minimum orifice diameter [mm]	Flow rate [L/min] at following pressure [MPa]									Spray angle at 0.3 MPa
				0.05	0.1	0.15	0.2	0.3	0.5	0.7	1.0	1.5	
1/4	KSH	0440	1.3	1.63	2.3	2.8	3.3	4.0	5.2	6.1	7.3	8.9	40°
		0465	1.2	1.63	2.3	2.8	3.3	4.0	5.2	6.1	7.3	8.9	65°
		0640	1.9	2.4	3.5	4.2	4.9	6.0	7.7	9.2	11.0	13.4	40°
		0665	1.7	2.4	3.5	4.2	4.9	6.0	7.7	9.2	11.0	13.4	65°
		0840	2.1	3.3	4.6	5.7	6.5	8.0	10.3	12.2	14.6	17.9	40°
		0865	1.8	3.3	4.6	5.7	6.5	8.0	10.3	12.2	14.6	17.9	65°
3/8	KSH	1040	2.2	4.1	5.8	7.1	8.2	10.0	12.9	15.3	18.3	22.4	40°
		1065	2.0	4.1	5.8	7.1	8.2	10.0	12.9	15.3	18.3	22.4	65°
		1540	3.2	6.1	8.7	10.6	12.2	15.0	19.4	22.9	27.4	33.5	40°
		1565	2.7	6.1	8.7	10.6	12.2	15.0	19.4	22.9	27.4	33.5	65°
		2040	3.4	8.2	11.5	14.1	16.3	20.0	25.8	30.6	36.5	44.7	40°
		2065	3.0	8.2	11.5	14.1	16.3	20.0	25.8	30.6	36.5	44.7	65°
		2540	3.9	10.2	14.4	17.7	20.4	25.0	32.3	38.2	45.6	55.9	40°
		2565	3.3	10.2	14.4	17.7	20.4	25.0	32.3	38.2	45.6	55.9	65°
1/2	KSH	3040	4.0	12.2	17.3	21.2	24.5	30.0	38.7	45.8	54.8	67.1	40°
		3065	3.7	12.2	17.3	21.2	24.5	30.0	38.7	45.8	54.8	67.1	65°
		4040	4.6	16.3	23.1	28.3	32.7	40.0	51.6	61.1	73.0	89.4	40°
		4065	4.3	16.3	23.1	28.3	32.7	40.0	51.6	61.1	73.0	89.4	65°
3/4	KSH	5040	4.9	20.4	28.9	35.4	40.8	50.0	64.5	76.4	91.3	112	40°
		5065	4.6	20.4	28.9	35.4	40.8	50.0	64.5	76.4	91.3	112	65°
		6040	5.8	24.5	34.6	42.4	49.0	60.0	77.5	91.7	110	134	40°
		6065	5.3	24.5	34.6	42.4	49.0	60.0	77.5	91.7	110	134	65°
		7540	6.2	30.6	43.3	53.0	61.2	75.0	96.8	115	137	168	40°
		7565	5.6	30.6	43.3	53.0	61.2	75.0	96.8	115	137	168	65°

Performance data

Characteristic curves

Nozzle model number 1/2 KSH 3060 - 0 RO



Flow distribution

Nozzle model number 1/2 KSH 3060 - 0 RO
Spray distance 130 mm

