

KT series adjustable spray nozzles



DESIGN FEATURES

KT series nozzles bodies have pipe thread connect with collecting pipes, the tip retainer hold the spray tip firmly that can precisely adjust the spraying direction to keep it in the best state. So it is available as surface treatment for the work dead angle and the anomalous workplace.

Style with KTS standard type and KTL large-scale type .

KTL series can reduce installs quantity for large capacity surface treatment equipment and working strength of installment service.

KF series nozzles consist of nozzle body, tip retainer, thread ball, spray tip. The thread ball with thread tips offers a wide selection of spray patterns, capacities and materials. Flat spray, full cone, hollow cone and solid stream patterns are available in these nozzles.

Fan spray spray pattern

Capacity size (Spray angle at 3bar)							Capacity (Liters per minute)						
15°	25°	40°	50°	65°	80°	95°	1bar	2bar	3bar	4bar	5bar	7bar	10bar
1510	2510	4010	5010	6510	8010	9510	2.3	3.2	3.9	4.6	5.1	6	7.2
1515	2515	4015	5015	6515	8015	9515	3.4	4.8	5.9	6.8	7.6	9	10.8
1520	2520	4020	5020	6520	8020	9520	4.6	6.5	7.9	9.1	10.2	12.1	14.4
1530	2530	4030	5030	6530	8030	9530	6.8	9.7	11.8	13.7	15.3	18.1	22
1540	2540	4040	5040	6540	8040	9540	9.1	12.9	15.8	18.2	20	24	29
1550	2550	4050	5050	6550	8050	9550	11.4	16.1	19.7	23	25	30	36
1560	2560	4060	5060	6560	8060	9560	13.7	19.3	24	27	31	36	43
1570	2570	4070	5070	6570	8070	9570	16	23	28	32	36	42	50
15100	25100	40100	50100	65100	80100	95100	23	32	39	46	51	60	72

Capacity size (Spray angle at 3bar)							Capacity (Liters per minute)						
15°	25°	40°	50°	65°	80°	95°	1bar	2bar	3bar	4bar	5bar	7bar	10bar
1530L	2530L	4030L	5030L	6530L	8030L	9530L	6.8	9.7	11.8	13.7	15.3	18.1	22
1540L	2540L	4040L	5040L	6540L	8040L	9540L	9.1	12.9	15.8	18.2	20	24	29
1550L	2550L	4050L	5050L	6550L	8050L	9550L	11.4	16.1	19.7	23	25	30	36
1560L	2560L	4060L	5060L	6560L	8060L	9560L	13.7	19.3	24	27	31	36	43
1570L	2570L	4070L	5070L	6570L	8070L	9570L	16	23	28	32	36	42	50
15100L	25100L	40100L	50100L	65100L	80100L	95100L	23	32	39	46	51	60	72
15120L	25120L	40120L	50120L	65120L	80120L	95120L	27	39	47	55	61	72	86
15150L	25150L	40150L	50150L	65150L	80150L	95150L	34	48	59	68	76	90	108
15200L	25200L	40200L	50200L	65200L	80200L	—	46	64	79	91	102	121	144
15250L	—	—	—	—	—	—	57	81	99	114	127	151	180
—	—	—	50400L	—	80400L	—	91	129	158	182	205	240	290
15500L	25500L	—	50500L	—	—	—	114	161	197	230	255	300	360
—	—	—	50580L	—	—	—	132	187	230	265	295	350	420
—	25750L	—	50750L	—	—	—	171	240	295	340	385	455	540
151000L	251000L	—	501000L	—	—	—	230	325	395	455	510	610	720
—	—	—	501500L	—	—	—	340	485	600	690	770	910	1080
—	—	—	502000L	—	—	—	460	650	790	910	1020	1210	1440



KTS Flat fan

KTS Flat fan

Full cone spray pattern

Capacity size	Orifice Diam. Nom. mm	Maxi. Free passage Diam. mm	Capacity (Liters per minute)										Spray angle	
			0.5bar	0.7bar	1.5bar	2bar	3bar	4bar	5bar	6bar	7bar	10bar	1.5bar	6bar
1B	0.89	0.64		0.38	0.54	0.62	0.74	0.85	0.94	1.0	1.1	1.5	58°	53°
1.5B	1.2	0.64	0.49	0.57	0.81	0.93	1.1	1.3	1.4	1.5	1.7	1.9	65°	59°
2B	1.2	1.0	0.65	0.76	1.1	1.2	1.5	1.7	1.9	2.0	2.2	2.6	50°	46°
3B	1.5	1.0	0.98	1.1	1.6	1.9	2.2	2.5	2.8	3.1	3.3	3.9	65°	59°
3.5B	1.6	1.3	1.1	1.3	1.9	2.2	2.6	3.0	3.3	3.6	3.9	4.5	50°	46°
5B	2.0	1.3	1.6	1.9	2.7	3.1	3.7	4.2	4.7	5.1	5.5	6.5	65°	59°
6.5B	2.38	1.6	2.1	2.5	3.5	4.0	4.8	5.5	6.1	6.7	7.1	8.4	50°	46°
9.5B	2.6	2.4	5.1	3.6	5.1	5.9	7.1	8.1	8.9	9.7	10.4	12.3	50°	46°
10B	3.18	1.6	3.3	3.8	5.4	6.2	7.4	8.5	9.4	10.2	11.0	13	67°	61°
15B	3.6	2.4	4.9	5.7	8.1	9.3	11.2	12.7	14.1	15.4	16.5	19.4	67°	61°
22B	4.5	2.8	7.2	8.4	11.9	13.6	16.4	18.7	21	23	24	28	90°	82°



KTS-Full cone

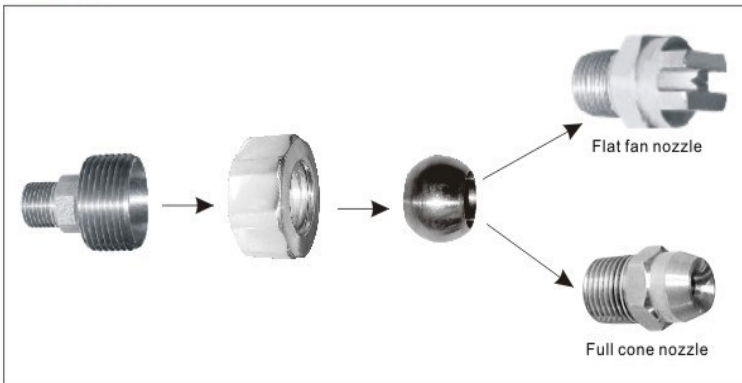


KTL-Full cone

Capacity size	Orifice Diam. Nom. mm	Maxi. Free passage Diam. mm	Capacity (Liters per minute)						Spray angle	
			0.7bar	1.5bar	2bar	3bar	4bar	1.5bar	6bar	
6.5B	2.38	1.6	2.5	2.8	4.0	4.8	5.5	50°	48°	
8B	2.4	1.6	3.2	3.6	5.2	6.3	7.3	69°	71°	
10B	3.18	1.6	3.8	4.5	6.4	7.9	9.1	67°	64°	
12.5B	3.2	1.6	4.6	5.3	7.3	8.7	9.8	67°	59°	
15B	3.6	2.4	5.7	6.7	9.3	10.2	12.7	67°	61°	
25B	4.5	2.8	9.5	10.5	15.4	19.6	21	67°	62°	
30B	5.6	3.2	11.4	13.4	18.1	22	25	90°	83°	
50B	6.7	4.0	19.1	22	30	36	41	95°	90°	

Note :For other capacity size or hollow cone spray pattern reference our JK series adjustable nozzle tip data.

KF series



The flat fan nozzle and full cone nozzle data reference our CC and BB series nozzles.

ORDERING INFORMATION

1/4	KTS	4010	SS303
↓	↓	↓	↓
Inlet Connection Pipe size	Nozzle type	Capacity size	Material code