

QTK/QSTK wide angle quick release nozzles

DESIGN FEATURES

Wide angle nozzle for liquid ,air and steam QTK spray tips provide a wide range of small and medium capacity sized. These spray tips feature a wide angle flat spray pattern with medium impact... Producing uniform spray distribution of medium sized droplets.

QSTK series Mini-Quick spray tips offer a variety of low capacity sizes, and feature a very small tip size, saving you valuable space in all confined applications.



PERFORMANCE DATA

Liquid

Nozzle Inlet Conn. NPT or BSPT	Tip type		Capacity size	Orifice Diam.Nom. mm	Capacity (liters per minute)										Spray angle		
	QTK	QSTK			0.2bar	0.3bar	0.5bar	0.7bar	1bar	1.5bar	2.0bar	3.0bar	4bar	0.5bar	1.5bar	4bar	
1/8, 1/4, 3/8, 1/2	●	●	0.25	0.41	—	—	—	—	0.11	0.14	0.16	0.2	0.23	—	83°	117°	
	●	●	0.5	0.61	—	—	—	—	0.23	0.28	0.32	0.39	0.46	—	89°	122°	
	●	●	0.75	0.71	—	—	—	0.29	0.34	0.42	0.48	0.59	0.68	—	106°	125°	
	●	●	1.0	0.84	—	—	—	0.38	0.46	0.56	0.64	0.79	0.91	—	109°	128°	
	●	●	1.5	1.0	—	—	0.48	0.57	0.68	0.84	0.97	1.2	1.4	73°	108°	125°	
	●	●	2.0	1.2	—	—	0.64	0.76	0.91	1.1	1.3	1.6	1.8	83°	113°	129°	
	●	●	2.5	1.3	—	0.62	0.81	0.95	1.1	1.4	1.6	2.0	2.3	98°	122°	133°	
	●	●	3.0	1.4	—	0.75	0.97	1.1	1.4	1.7	1.9	2.4	2.7	86°	112°	126°	
	●	●	4.0	1.7	—	1.0	1.3	1.5	1.8	2.0	2.6	3.2	3.6	97°	123°	132°	
	●	●	5.0	1.9	1.0	1.2	1.6	1.9	2.3	2.8	3.2	3.9	4.6	114°	128°	142°	
	●	●	7.5	2.3	1.5	1.9	2.4	2.9	3.4	4.2	4.8	5.9	6.8	101°	119°	134°	
	●	●	10	2.6	2.0	2.5	3.2	3.8	4.6	4.6	6.4	7.9	9.1	115°	133°	145°	
	●	●	12	2.9	2.4	3.0	3.9	4.6	5.5	6.7	7.7	9.5	10.9	128°	139°	153°	
	●	●	15	3.3	3.1	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	98°	113°	123°	
●	●	18	3.6	3.7	4.5	5.8	6.9	8.2	10	11.6	14.2	16.4	106°	120°	131°		
●	●	20	3.8	4.1	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	110°	122°	133°		
3/8, 1/2	●	●	30	4.6	6.1	7.5	9.7	11.4	13.7	16.7	19.3	24	27	100°	110°	121°	
	●	●	40	5.3	8.2	10	12.9	15.3	18.2	22	26	32	36	111°	126°	136°	
	●	●	45	5.6	9.2	11.2	14.5	17.2	21	25	29	36	41	115°	130°	140°	
	●	●	60	6.5	12.2	15	19.3	23	27	33	39	47	55	120°	134°	142°	

Air and Steam

Nozzle Inlet Conn. NPT or BSPT(M)	Tip type	Capacity size	Orifice Diam.Nom. mm	Capacity -for air (L/min)				Capacity -for Steam(kilograms/hour)				Coverage at 150mm distance form	
				0.7bar	1.5bar	3.0bar	3.5bar	0.7bar	1.5bar	3.0bar	3.5bar	0.7bar	1.5bar
1/8, 1/4, 3/8, 1/2	●	0.5	0.61	4.5	6.4	10.5	11.6	0.16	0.23	0.37	0.41	51	127
	●	0.7	0.71	6.2	9.1	14.7	16.7	0.23	0.33	0.53	0.6	64	140
	●	1.0	0.84	9.6	13.7	22	25	0.34	0.49	0.8	0.9	76	152
	●	1.5	1.04	15.3	22	36	40	0.54	0.78	1.3	1.5	89	165
	●	2.0	1.17	19.3	28	45	51	0.68	1.0	1.6	1.8	102	190
	●	2.5	1.32	27	37	60	71	0.95	1.3	2.1	2.5	102	190
	●	3.0	1.45	31	47	77	85	1.1	1.7	2.7	3.0	127	203
	●	4.0	1.65	40	57	85	108	1.4	2.0	3.1	3.9	127	228
	●	5.0	1.85	54	76	124	139	1.9	2.7	4.5	5.1	152	267
	●	7.5	2.31	79	117	189	210	2.9	4.2	6.8	7.6	152	267
	●	10	2.64	110	159	255	290	3.9	5.7	9.2	10.4	178	279
	●	15	3.28	181	260	420	475	6.5	9.3	15	17.1	178	305
	●	20	3.76	225	325	520	590	8.0	11.6	18.8	21	216	368
	3/8, 1/2	●	30	4.57	320	465	760	850	11.6	16.8	27	30	216

ORDERING INFORMATION

1/4M → Inlet conn.size
 |
 QTK → Tip type
 |
 1.5 → Capacity size
 |
 SS → Material

Mark :Please note for Liquid or Air
 Material:Brass
 SS-stainless steel