



NEW!

TWIN flat spray air-injector compact nozzle IDKT

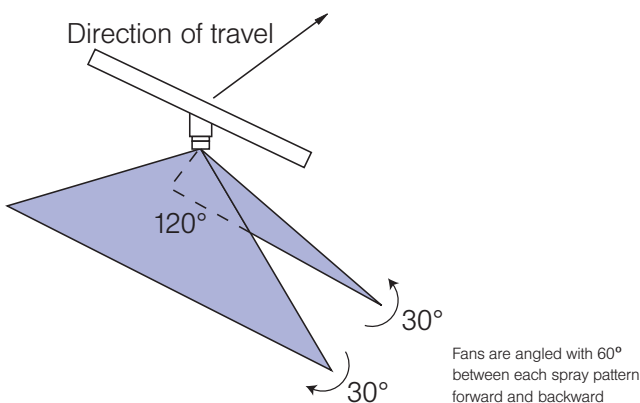
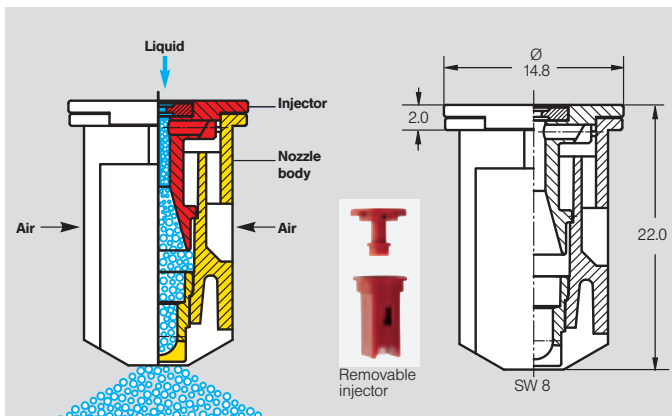


Features

- Air-aspirating twin flat spray nozzle
- Pressure range:
 - IDKT-03 1.5 to 6.0 bar
 - IDKT-04/-05 1.0 to 6.0 bar
- Air-induction twin flat spray nozzle with a spray angle of 120°
- Nozzle is made of high wear-resistant ceramic
- Fans are angled with 60° between each spray pattern forward and backward
- Droplet spectra very coarse to medium
- Very low drift potential in pressure range up to 3.0 bar
- Very compact design – only 22 mm long
- Fits all bayonet cap systems with 8 mm AF

Range of application

- Particularly contact (semi-)systemic plant protectants
- Treatment of fungicide in vegetables
- Application of herbicides in sugar beet
- Ears treatment
- Potato blight control and desiccation
- Vegetable-growing
- Grass control



Benefits of IDKT-nozzles

- Very compact flat spray air-injector compact nozzle
 - Fits on all nozzle holders
 - No contact of boom unit when turning the multiple nozzle holder
- One-piece nozzle with reproducibly fixed-position injector for easy removal
- Very low drift potential compared to conventional Twin nozzles
- Thanks to two angled fans, increased number of droplets and impacts compared to normal air injector nozzle
- Excellent coverage on dense foliage and vertical targets (stalk, ears)
- Easy cleaning of injector ceramic orifice
- Best protection of the nozzle tip through long side walls of nozzle body
- Little danger of clogging at the nozzle tip thanks to central afflux profile



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Spray table for TWIN flat spray air-injector compact nozzle IDKT

	BCPC/ ASAE	[bar]	l/min	l/ha									
				5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
IDKT 120-03 (60 M)	C	1.5	0.84	202	168	144	126	101	84	72	63	56	
	C	2.0	0.97	233	194	166	146	116	97	83	73	65	
	C	2.5	1.08	259	216	185	162	130	108	93	81	72	
	C	3.0	1.19	286	238	204	179	143	119	102	89	79	
	M	3.5	1.28	307	256	219	192	154	128	110	96	85	
	M	4.0	1.37	329	274	235	206	164	137	117	103	91	
	M	4.5	1.46	350	292	250	219	175	146	125	110	97	
	M	5.0	1.53	367	306	262	230	184	153	131	115	102	
IDKT 120-04 (60 M)	F	6.0	1.68	403	336	288	252	202	168	144	126	112	
	VC	1.0	0.91	218	182	156	137	109	91	78	68	61	
	VC	1.5	1.12	269	224	192	168	134	112	96	84	75	
	C	2.0	1.29	310	258	221	194	155	129	111	97	86	
	C	2.5	1.44	346	288	247	216	173	144	123	108	96	
	C	3.0	1.58	379	316	271	237	190	158	135	119	105	
	C	3.5	1.71	410	342	293	257	205	171	147	128	114	
	M	4.0	1.82	437	364	312	273	218	182	156	137	121	
IDKT 120-05 (25 M)	M	4.5	1.94	466	388	333	291	233	194	166	146	129	
	M	5.0	2.04	490	408	350	306	245	204	175	153	136	
	M	6.0	2.23	535	446	382	335	268	223	191	167	149	
	VC	1.0	1.14	274	228	195	171	137	114	98	86	76	
	VC	1.5	1.39	334	278	238	209	167	139	119	104	93	
	VC	2.0	1.61	386	322	276	242	193	161	138	121	107	
	C	2.5	1.80	432	360	309	270	216	180	154	135	120	
	C	3.0	1.97	473	394	338	296	236	197	169	148	131	
IDKT 120-05 (25 M)	C	3.5	2.13	511	426	365	320	256	213	183	160	142	
	C	4.0	2.28	547	456	391	342	274	228	195	171	152	
	M	4.5	2.42	581	484	415	363	290	242	207	182	161	
	M	5.0	2.55	612	510	437	383	306	255	219	191	170	
	M	6.0	2.79	670	558	478	419	335	279	239	209	186	

BCPC/ASAE Droplet size classification

VF	Very fine
F	Fine
M	Medium
C	Coarse
VC	Very coarse
EC	Extreme Coarse

Classifications are subject to change

- Spray pressure at the nozzle tip (gauged with a diaphragm valve).
- The stated liter-per-hectare rates apply to water.
- Prior to each spraying season, verify the table data by gauging the flow rates.
- Make sure that all nozzles have the same settings.

Sample order

Type + spray angle + Int'l nozzle size + material = order number
 IDKT 120° 04 C (ceramic) = IDKT 120-04 C