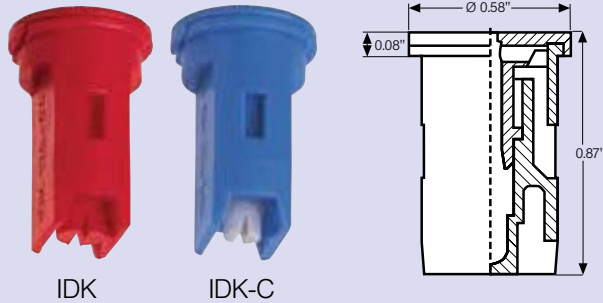


IDK venturi air induction nozzles

Spray angle: 110°
90°, 120° available upon request
Material: POM, POM/Ceramic, PolyPro/Ceramic

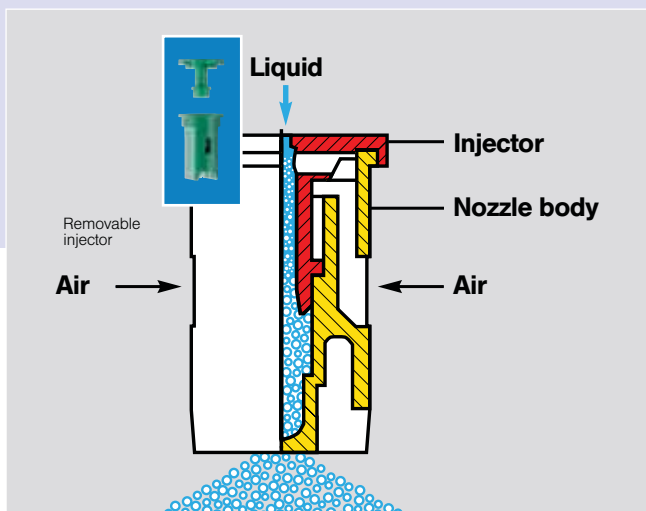


Features

- Venturi air induction flat spray nozzle
- **Very low drift potential**
- Very coarse to medium droplets
- Best performance range 25-90 psi
15-90 psi for size 05
30-290 psi for orchard/vineyard
- Fits 8 mm caps, part number Y8253048 series

Range of application



Herbicides, fungicides, insecticides, liquid fertilizers, plant growth regulators



Main benefits of IDK nozzles

- Sturdy design
- Removable fixed position injector
- Channel design minimizes clogging
- Compact, one-piece nozzle design
- Operates at lower relative pressures than full length air induction nozzles
- Very good deposition structure and crop canopy penetration

Spray table for IDK venturi air induction nozzles

	ASABE S-572		Capacity per nozzle		Gallons/Acre								
			psi	gpm	oz/min	4 mph	5 mph	6 mph	7 mph	8 mph	10 mph	12 mph	14 mph
IDK 110-01 (50/100 M)	C	15	0.061	8	4.5	3.6	3	2.6	2.3	1.8	1.5	1.3	1.1
	C	20	0.071	9	5.3	4.2	3.5	3	2.6	2.1	1.8	1.5	1.3
	C	30	0.087	11	6.5	5.2	4.3	3.7	3.2	2.6	2.2	1.8	1.6
	C	35	0.094	12	7	5.6	4.7	4	3.5	2.8	2.3	2	1.7
	C	40	0.1	13	7.4	5.9	5	4.2	3.7	3	2.5	2.1	1.9
	M	50	0.11	14	8.2	6.5	5.4	4.7	4.1	3.3	2.7	2.3	2
IDK 110-015 (50/100 M)	M	60	0.12	15	8.9	7.1	5.9	5.1	4.5	3.6	3	2.5	2.2
	C	30	0.13	17	9.7	7.7	6.4	5.5	4.8	3.9	3.2	2.8	2.4
	C	40	0.15	19	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8
	C	50	0.17	22	12.6	10.1	8.4	7.2	6.3	5	4.2	3.6	3.2
	M	60	0.18	23	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3
	M	70	0.2	26	14.9	11.9	9.9	8.5	7.4	5.9	5	4.2	3.7
IDK 110-02 (50 M)	M	80	0.21	27	15.6	12.5	10.4	8.9	7.8	6.2	5.2	4.5	3.9
	M	90	0.23	29	17.7	13.7	11.4	9.8	8.5	6.8	5.7	4.9	4.3
	C	30	0.17	22	12.6	10.1	8.4	7.2	6.3	5	4.2	3.6	3.2
	C	40	0.2	26	14.9	11.9	9.9	8.5	7.4	5.9	5	4.2	3.7
	C	50	0.22	28	16.3	13.1	10.9	9.3	8.2	6.5	5.4	4.7	4.1
	M	60	0.24	31	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5
IDK 110-025 (50 M)	M	70	0.26	33	19.3	15.4	12.9	11	9.7	7.7	6.4	5.5	4.8
	M	80	0.28	36	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2
	M	90	0.3	38	22	17.8	14.9	12.7	11.1	8.9	7.4	6.4	5.6
	VC	30	0.22	28	16.3	13.1	10.9	9.3	8.2	6.5	5.4	4.7	4.1
	C	40	0.25	32	18.6	14.9	12.4	10.6	9.3	7.4	6.2	5.3	4.6
	C	50	0.28	36	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2
IDK 110-03 (50 M)	C	60	0.31	40	23	18.4	15.3	13.2	11.5	9.2	7.7	6.6	5.8
	M	70	0.33	42	25	19.6	16.3	14	12.3	9.8	8.2	7	6.1
	M	80	0.35	45	26	21	17.3	14.9	13	10.4	8.7	7.4	6.5
	M	90	0.38	49	28	23	18.8	16.1	14.1	11.3	9.4	8.1	7.1
	VC	30	0.26	33	19.3	15.4	12.9	11	9.7	7.7	6.4	5.5	4.8
	VC	40	0.3	38	22	17.8	14.9	12.7	11.1	8.9	7.4	6.4	5.6
IDK 110-04 (50 M)	C	50	0.34	44	25	20	16.8	14.4	12.6	10.1	8.4	7.2	6.3
	C	60	0.37	47	27	22	18.3	15.7	13.7	11	9.2	7.8	6.9
	C	70	0.4	51	30	24	19.8	17	14.9	11.9	9.9	8.5	7.4
	C	80	0.42	54	31	25	21	17.8	15.6	12.5	10.4	8.9	7.8
	M	90	0.45	58	33	27	22	19.1	16.7	13.4	11.1	9.5	8.4
	IDK 110-05 (50/30 M)	VC	30	0.35	45	26	21	17.3	14.9	13	10.4	8.7	7.4
VC		40	0.4	51	30	24	19.8	17	14.9	11.9	9.9	8.5	7.4
C		50	0.45	58	33	27	22	19.1	16.7	13.4	11.1	9.5	8.4
C		60	0.49	63	36	29	24	21	18.2	14.6	12.1	10.4	9.1
C		70	0.53	68	39	31	26	22	19.7	15.7	13.1	11.2	9.8
C		80	0.57	73	42	34	28	24	21	16.9	14.1	12.1	10.6
IDK 110-05 (50/30 M)	M	90	0.6	77	45	36	30	25	22	17.8	14.9	12.7	11.1
	VC	30	0.43	55	32	26	21	18.2	16	12.8	10.6	9.1	8
	VC	40	0.5	64	37	30	25	21	18.6	14.9	12.4	10.6	9.3
	VC	50	0.56	72	42	33	28	24	21	16.6	13.9	11.9	10.4
	C	60	0.61	78	45	36	30	26	23	18.1	15.1	12.9	11.3
	C	70	0.66	84	49	39	33	28	25	19.6	16.3	14	12.3
IDK 110-05 (50/30 M)	C	80	0.71	91	53	42	35	30	26	21	17.6	15.1	13.2
	M	90	0.75	96	56	45	37	32	28	22	18.6	15.9	13.9
	M	100	0.79	101	59	47	39	34	29	23	19.6	16.8	14.7



Improved Spray coverage on foliage and vertical targets with Twin IDKT (see page 24).



For extra breakage protection of IDK/IDKT nozzles. Call for price and availability for our MultiCap.

ASABE S-572 Droplet size classification

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

Classifications are subject to change

Sample order

Type	+	spray angle	+	nozzle size	+	material	=	order number
IDK		110°		01		C (Ceramic)	=	IDK 110-01C
IDK		110°		01		POM	=	IDK 110-01
IDK		110°		03		PP (Polypro)	=	IDK 110-03 PP

- Spray pressure measured at the nozzle tip.
- The stated gallons per acre rates apply to water.
- Check your nozzle flow rates prior to each spray season.
- Make sure that all nozzles have the same designed flow rate.