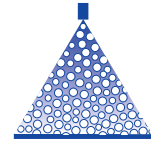


# Compact air-injector flat spray nozzles IDK 90



## Crop production

- Air-aspirating flat spray nozzle
- Extremely low drift over the entire pressure range

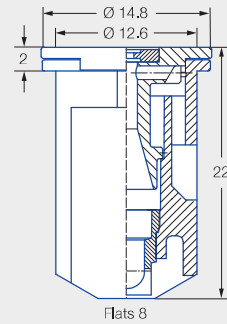
### Advantages

- 99/95/90/75/50 % drift reduction for: IDK 90-0067 C to -02 C
- Only 7 mm longer than TR hollow cone nozzle
- Large, clogging-resistant cross-sections
- Breakage-resistant nozzle housing with beveled edges and reinforced walls
- Suitable for PWM



**IDK 90-01 C**

75 % drift reduction in accordance with MABO dosage

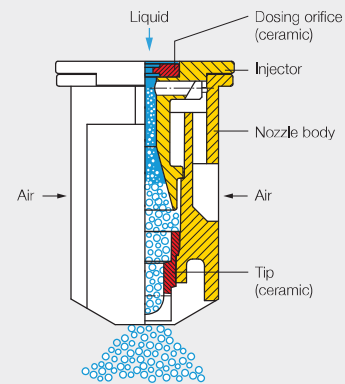


Dimensions in mm.

### Series IDK 90



Injector can be removed without tools



**JKI approval as loss-reducing:**  
99/95/90/75/50 %

G 1834, G 1835, G 1836, G 1941



Current list at:  
[www.lechler.com/de-en/service/loss-reducing](http://www.lechler.com/de-en/service/loss-reducing)

### Application:

Plant protection products and growth regulators

Plant protection in viticulture, orchard and specialty crops

Sensor control

Vertical boom

Spray frame

### Technical data:

**Nozzle sizes**  
0067-06

**Spray angle**  
90°

**Material**  
Ceramic

**Pressure ranges**  
2-8-15-20 bar

**Recommended strainers**

- 50/60 M 0067-04
- 25/30 M 05-06

**Droplet sizes**  
Extremely coarse – fine

**Width across flats**  
8 mm

## Good to know

You can find detailed information in our brochure "Viticulture, orchard and specialty crops" and at [www.lechler-agri.com](http://www.lechler-agri.com)



		[l/min]																	
		2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	19.0	20.0
<b>IDK 90-0067</b>	<b>50/60 M</b>	0,22	0,27	0,31	0,35	0,38	0,41	0,44	0,47	0,49	0,52	0,54	0,56	0,58	0,60	0,62	0,64	0,68	0,70
<b>IDK 90-01</b>	<b>50/60 M</b>	0,32	0,39	0,45	0,51	0,55	0,60	0,64	0,68	0,72	0,75	0,78	0,82	0,85	0,88	0,91	0,93	0,99	1,01
<b>IDK 90-015</b>	<b>50/60 M</b>	0,48	0,59	0,68	0,76	0,83	0,90	0,96	1,02	1,07	1,13	1,18	1,22	1,27	1,31	1,36	1,40	1,48	1,52
<b>IDK 90-02</b>	<b>50/60 M</b>	0,65	0,80	0,92	1,03	1,13	1,22	1,30	1,38	1,45	1,53	1,60	1,67	1,73	1,79	1,85	1,90	2,01	2,07
<b>IDK 90-025</b>	<b>50/60 M</b>	0,81	0,99	1,15	1,28	1,40	1,52	1,62	1,71	1,81	1,90	1,98	2,06	2,14	2,21	2,29	2,36	2,49	2,56
<b>IDK 90-03</b>	<b>50/60 M</b>	0,97	1,19	1,37	1,53	1,68	1,81	1,94	2,06	2,17	2,28	2,38	2,48	2,57	2,66	2,75	2,83	2,99	3,07
<b>IDK 90-04</b>	<b>50/60 M</b>	1,29	1,58	1,82	2,04	2,23	2,41	2,58	2,74	2,88	3,03	3,16	3,29	3,41	3,53	3,65	3,76	3,98	4,08
<b>IDK 90-05</b>	<b>25/30 M</b>	1,61	1,97	2,28	2,55	2,79	3,01	3,22	3,42	3,60	3,77	3,94	4,10	4,26	4,41	4,55	4,69	4,96	5,09
<b>IDK 90-06</b>	<b>25/30 M</b>	1,93	2,36	2,73	3,05	3,34	3,61	3,86	4,09	4,32	4,52	4,72	4,91	5,10	5,28	5,45	5,62	5,94	6,09

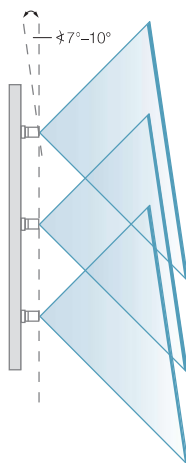
- The stated l/ha values apply to water
- Check the nozzles by gauging the flow rates prior to every spraying season
- Pressure measured at the nozzle

## Assembly

Alignment of the flat jet spray jet of the IDK nozzles parallel to the air flow of the sprayer, use open-end wrench AF 8.

Nozzle assembly:

- With cup strainer, gasket 3,0 mm (Order no. **065.240.73.01.00**)
- Without cup strainer, gasket 5,0 mm (Order no. **095.015.6C.07.10**)



Nozzle calculator app

The apps for Lechler agricultural nozzles make selection and use of the optimum nozzle even easier. Find out more here: [www.lechler.com/de-en/service/apps](http://www.lechler.com/de-en/service/apps)



Ordering Series + Nozzle size + Material = Order no.  
example: IDK 90 + 02 + C (Ceramic) = IDK 90-02 C