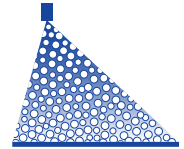


# Compact air-injector off center spray nozzles IDKS 80



Crop production / Ground care

- Compact, air-aspirating off center nozzle for border application and banding
- Very low drift

### Advantages

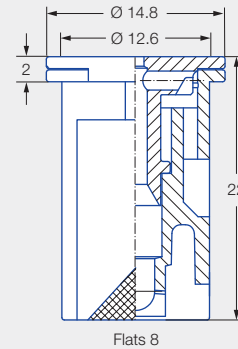
- 90 % drift reduction for band spraying with IDKS 80-025 to -06
- Same JKI drift reduction class in combination with IDK/IDKN/IDKT nozzles in the field spray boom
- Volume flow adapted for optimum cross distribution in combination with IDK/IDKN/IDKT nozzles of the same size
- Precise edge application along water courses and field boundaries
- Optimum protection of neighboring crops (field edge application) or row/special cultures (herbicide underleaf spraying/banding)
- Suitable for PWM



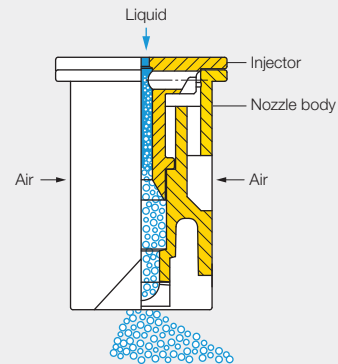
Series IDKS 80



Injector can be removed without tools



Dimensions in mm.



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

G 1786, G 1787, G 1788, G 1789, G 1998, G 2139, G 2140, G 2141, G 2142, G 2143

JKI approval with IDK/ IDKN/IDKT nozzles of the same size.



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

### Application:



Border nozzle



Plant protection in viticulture, orchard and specialty crops



Vertical boom



Spray frame



Backpack sprayer



Greenhouse

### Technical data:



**Nozzle sizes**  
015-06



**Spray angle**  
80°



**Material**  
POM



**Pressure ranges**

- Field sprayer/ underleaf sprayer: 1-1.5-3-6 bar
- Vertical boom: 1-8-15 bar



**Recommended strainers**









- 60 M 015-04
- 25 M 05-06



**Droplet sizes**  
Ultra coarse - medium

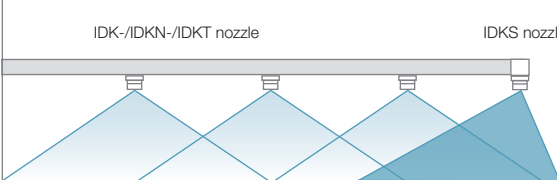


**Width across flats**  
8 mm


		[l/min]							
									
		1.0	1.5	2.0	3.0	4.0	5.0	6.0	
	<b>IDKS 80-015</b>	<b>60 M</b>	–	0.28	0.32	0.39	0.45	0.51	0.55
	<b>IDKS 80-02</b>	<b>60 M</b>	–	0.42	0.48	0.59	0.68	0.76	0.83
	<b>IDKS 80-025</b>	<b>60 M</b>	–	0.56	0.65	0.80	0.92	1.03	1.13
	<b>IDKS 80-03</b>	<b>60 M</b>	0.57	0.70	0.81	0.99	1.15	1.28	1.40
	<b>IDKS 80-04</b>	<b>60 M</b>	0.69	0.84	0.97	1.19	1.37	1.53	1.68
	<b>IDKS 80-05</b>	<b>25 M</b>	0.91	1.12	1.29	1.58	1.82	2.04	2.23
	<b>IDKS 80-06</b>	<b>25 M</b>	1.14	1.39	1.61	1.97	2.28	2.55	2.79

- 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

If necessary, please ask for additional information material on installation instructions for broadcast spraying A100 and banding in orchards and vineyards A200.

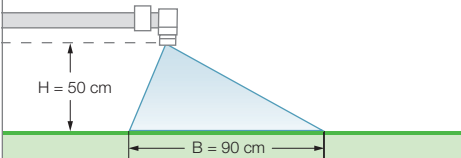


IDK-/IDKN-/IDKT nozzle

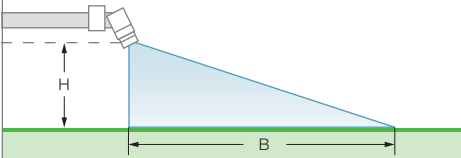


IDKS nozzle

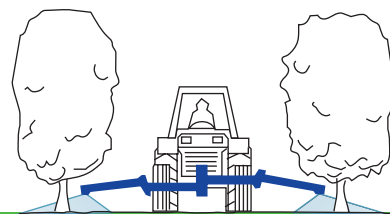
Precise border spraying




Spray dimensions



Accessories: swivel nozzle holders etc. (see Page 128)



Band spraying in orchards and vineyards



Underleaf spraying in row crops

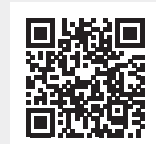


#### Recommendation

Optimum protection of IDKS nozzles thanks to long design of MultiCap (see Page 124).



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: IDKS 80 + 02 + (POM) = IDKS 80-02