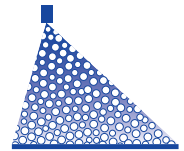


# Compact air-injector off center spray nozzles IDKS 80

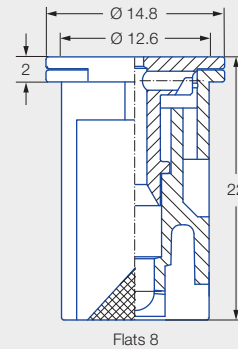


Crop production / Ground care

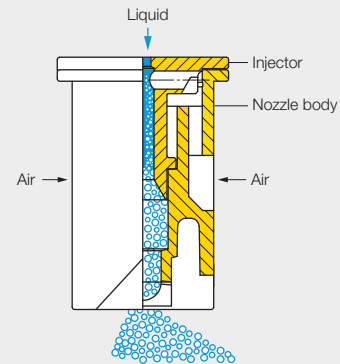
- Compact, air-aspirating off center nozzle for border application and banding
- Very low drift

### 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



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

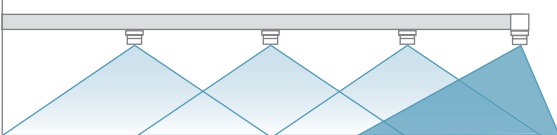


		[l/min]						
								
		1.0	1.5	2.0	3.0	4.0	5.0	6.0
								
<b>IDKS 80-015</b>	<b>60 M</b>	–	0.28	0.32	0.39	0.45	0.51	0.55
<b>IDKS 80-02</b>	<b>60 M</b>	–	0.42	0.48	0.59	0.68	0.76	0.83
<b>IDKS 80-025</b>	<b>60 M</b>	–	0.56	0.65	0.80	0.92	1.03	1.13
<b>IDKS 80-03</b>	<b>60 M</b>	0.57	0.70	0.81	0.99	1.15	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.

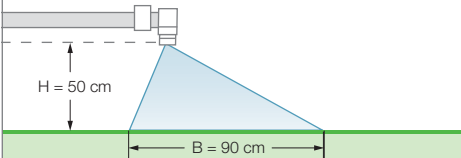
IDK-/IDKN-/IDKT nozzle



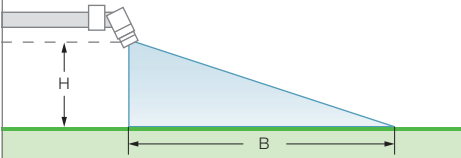
IDKS nozzle



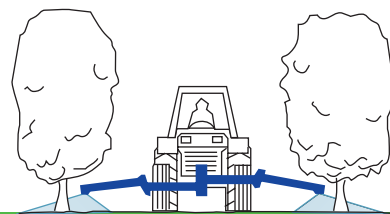
Precise border spraying




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).



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