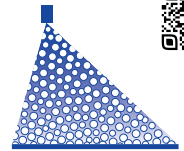


Compact air-injector off center spray nozzles IDKS 80



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

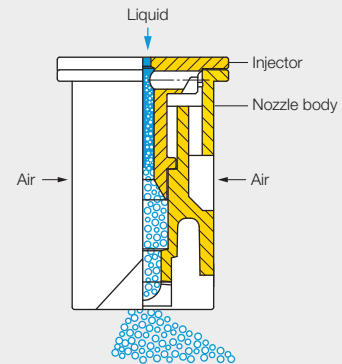
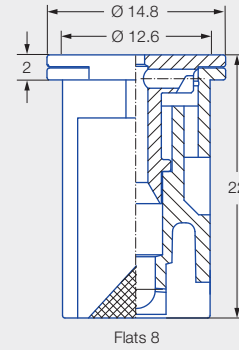


Series IDKS 80



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



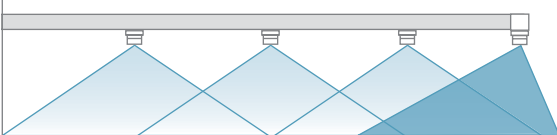
Width across flats
8 mm

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

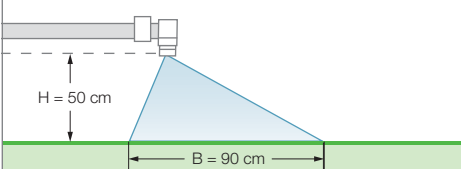
IDK-/IDKN-/IDKT nozzle



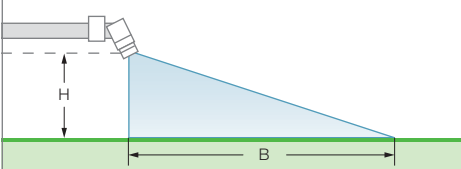
IDKS nozzle



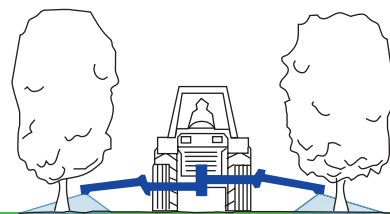
Precise border spraying




Spray dimensions



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



Band spraying in orchards and vineyards

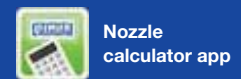


Underleaf spraying in row crops

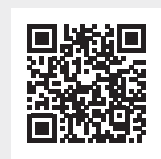


Recommendation

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



Ordering example: Series IDKS 80 + Nozzle size 02 + Material (POM) = Order No. IDKS 80-02



ON POINT
Spraying Solutions

