



# Air-injector off center nozzles IS 80

Drift reduction:  
90/75/50 %



Current  
list under

[www.lechler-agri.com/  
drift-reduction](http://www.lechler-agri.com/drift-reduction)

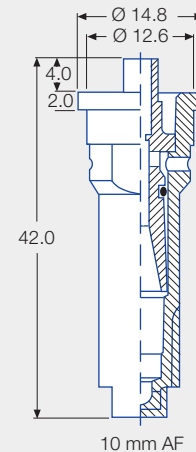
Extremely low-drift, air-injector  
off center nozzle for border  
application and banding.

## Advantages

- Same JKI drift reduction class in combination with ID3 nozzles in the field spray boom
- Volume flow adapted for optimum cross distribution in combination with ID3-/IDTA-nozzles of the same size
- Asymmetrical spray pattern (20°/60° to vertical axis)
- Precise edge application along water courses and field boundaries
- Optimum protection of neighboring crops (field edge application or row/special cultures (herbicide banding/ underleaf spraying))



G 1682  
G 1753  
G 1754  
G 1755  
G 1999  
G 2000  
G 2087



Dimensions in mm.

Crop production

Ground care



**Nozzle size**  
02 – 06



**Spray angle**  
80°



**Material**  
POM



**Pressure range**  
– Sprayer/broadcast  
spraying:  
2 – **4 – 8** bar  
– Vertical sprayer  
boom:  
2 – **8 – 15** bar



**Recommended  
filters**  
60 M 02 – 04  
25 M 05 – 06



**Droplet size**  
Ultra coarse –  
medium



**Width across flats**  
10 mm

## Application areas



Border nozzle



Band spraying  
in orchards  
and vineyards



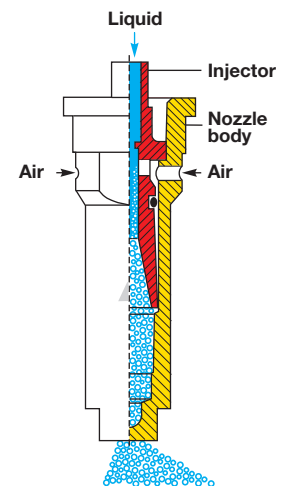
Vertical  
boom ends



Spray frame



Toolless removable  
injector



# Spray table for air-injector off center nozzles IS 80

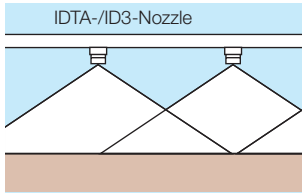
		l/min						
		2.0	3.0	4.0	5.0	6.0	7.0	8.0
<b>IS 80-02</b>	60 M	0.49	0.60	0.69	0.77	0.84	0.91	0.97
<b>IS 80-025</b>	60 M	0.70	0.86	0.90	1.13	1.24	1.34	1.43
<b>IS 80-03</b>	60 M	0.86	1.05	1.21	1.35	1.48	1.60	1.71
<b>IS 80-04</b>	60 M	1.11	1.36	1.57	1.75	1.92	2.07	2.21
<b>IS 80-05</b>	25 M	1.23	1.51	1.74	1.95	2.14	2.31	2.47
<b>IS 80-06</b>	25 M	1.36	1.67	1.93	2.16	2.37	2.56	2.73

- Application data valid for water
- Gauge the nozzle flow rates prior to each spraying season
- Spray pressure at the nozzle tip

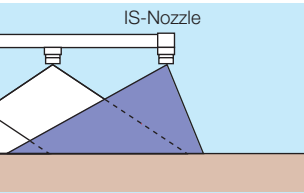
Please ask for additional installation instructions A100 for broadcast spraying and A 200 for banding.

### Example of ordering

Type + spray angle + int'l nozzle size + material = ordering no.  
**IS 80° 02 (POM) = IS 80-02**

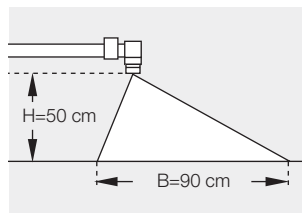


IDTA-/ID3-Nozzle

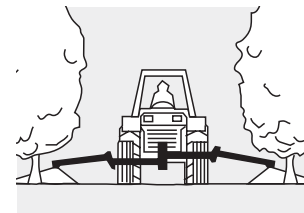


IS-Nozzle

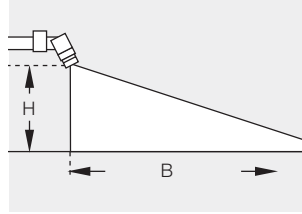
Defined border spraying




Spray dimensions



Band spraying in orchards/  
vineyards



Accessories: swivel nozzle holders,  
etc. (see page 112)



Underleaf spraying in row crops