Off center flat spray nozzles OC (small sizes)

Spray angle: 90°
Material: brass, stainless steel
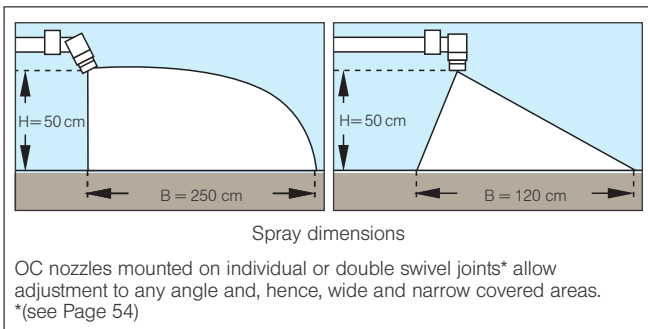

Ø 14.8
4.0
11.0
SW 8
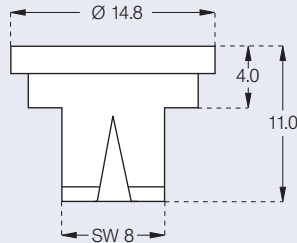
Features

- Assymmetrical spray pattern via eccentric orifice
- Off center flat spray nozzle
- Nozzle Sizes 2 to 30
- Pressure range 1.5 to 5.0 bar
- Fits all bayonet cap systems with 8 mm AF or threaded caps
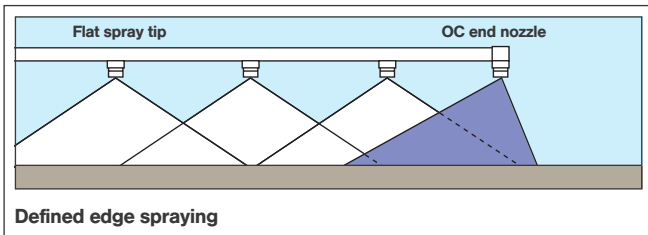- Droplet spectrum medium to fine

Range of application

- Adaption of boom width for defined edge spraying respectively extension
- Banding in orchards, vineyards, tree nurseries, special cultures
- Underleaf application of herbicides in row crops (e.g. sugar beets, asparagus)

H = 50 cm   B = 250 cm

H = 50 cm   B = 120 cm

Spray dimensions

OC nozzles mounted on individual or double swivel joints* allow adjustment to any angle and, hence, wide and narrow covered areas.
*(see Page 54)

		l/min				
		⊘ [bar]				
		1.5	2.0	3.0	4.0	5.0
OC 2	60	0.49	0.65	0.80	0.92	1.03
OC 3	60	0.88	1.01	1.24	1.43	1.60
OC 4	60	1.11	1.28	1.56	1.81	2.02
OC 5	25	1.37	1.58	1.94	2.24	2.50
OC 6	25	1.64	1.90	2.32	2.68	3.00
OC 8	25	2.16	2.50	3.06	3.53	3.95
OC 12	25	3.47	4.00	4.90	5.66	6.33
OC 20	25	5.45	6.30	7.71	8.91	9.96
OC 30	25	8.66	10.00	12.25	14.14	15.81

- Application data valid for water
- Gauge the nozzle flow rates prior to each spraying season
- Spray pressure at the nozzle tip (gauged with a diaphragm valve)

Flat spray tip   OC end nozzle

Defined edge spraying

Flat spray tip   OC end nozzle

Adaption of boom width
For adaption of boom width replace at the end of the boom the flat spray nozzle by an OC-nozzle. The effective extension of the boom amount to 0.5 m (0.25 m to each side). However, optimal cross distribution will be achieved by using double swivel nozzle holder at the final nozzle position for flat spray and OC-nozzle.

Nozzle size in boom	Recommended OC-end nozzle	
	Adaption of boom width	Defined edge spraying
-015	OC 2	-
-02	OC 3	OC 2
-03	OC 4	OC 3
-04	OC 5	OC 4
-05	OC 6	OC 5
-06	OC 8	OC 6
-08	OC 12	OC 8
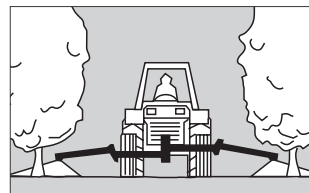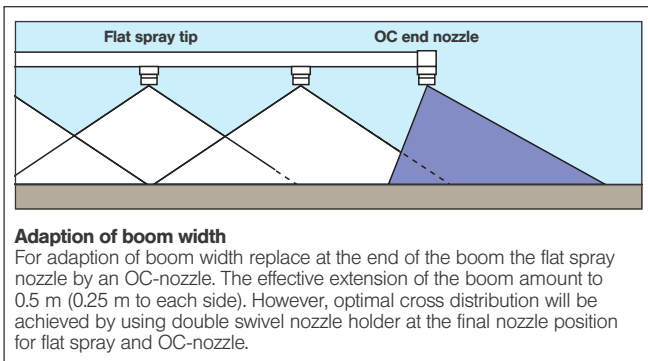
Banding in orchards/vineyards

Underleaf spraying in row crops

Sample order

Type	+	material		= order number
OC 2		brass		= OC 2 brass
OC 2		S (stainless steel)	=	OC 2 S