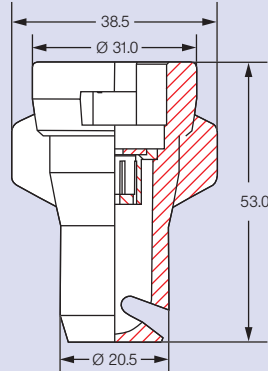


Liquid fertilizer nozzles FD

**PATENTED
NEW**

Spray angle: 130°
Material: POM



Features

- Flat spray nozzle with horizontal jet formation
- Nozzle sizes 04, 05, 06, 08, 10, 15, 20
- Pressure range: 1.5 to 4.0 bar
- Hard wearing and corrosion resistant material
- Nozzle and cap one piece, fits to standard nozzle holder system MULTIJET
- ISO colour coded for ease identification
- Intermediate- and extension adaptor see page 51
- Height of spray boom: 50 – 70 cm at 50 cm nozzle spacing

Range of application

- Liquid fertilizer
- Irrigation
- Watering car
- Turfgrass spraying

Sample order

Type + int'l nozzle size + material = order number
FD 06 (POM) = FD 06

Nozzle Type (60 M / 25 M)	[bar]	l/min		UAN l/ha				
		Water	UAN	6.0 km/h	8.0 km/h	10.0 km/h	14.0 km/h	18.0 km/h
NEW FD 04 (60 M)	1.5	1.13	1.00	200	150	120	86	67
	2.0	1.31	1.15	230	173	138	99	77
	2.5	1.46	1.29	258	194	155	111	86
	3.0	1.60	1.41	282	211	169	121	94
	4.0	1.85	1.63	326	245	196	140	109
NEW FD 05 (25 M)	1.5	1.41	1.24	248	186	149	106	83
	2.0	1.63	1.44	288	216	173	123	96
	2.5	1.83	1.61	322	242	193	138	107
	3.0	2.00	1.76	352	264	211	151	117
FD 06 (25 M)	1.5	1.70	1.49	298	224	179	128	99
	2.0	1.96	1.72	344	258	206	147	115
	2.5	2.19	1.93	386	290	232	165	129
	3.0	2.40	2.11	422	317	253	181	141
FD 08 (25 M)	1.5	2.26	1.99	398	299	239	171	133
	2.0	2.61	2.30	460	345	276	197	153
	2.5	2.92	2.57	514	386	308	220	171
	3.0	3.20	2.82	563	422	338	241	188
FD 10 (25 M)	1.5	2.83	2.49	498	374	299	214	166
	2.0	3.27	2.88	576	432	345	246	192
	2.5	3.65	3.21	642	482	385	275	214
	3.0	4.00	3.52	704	528	422	302	235
FD 15 (25 M)	1.5	4.24	3.73	746	560	448	319	249
	2.0	4.90	4.31	862	647	517	370	288
	2.5	5.48	4.82	964	723	579	414	321
	3.0	6.00	5.28	1056	792	634	452	352
FD 20 (25 M)	1.5	5.66	4.98	996	747	598	427	332
	2.0	6.53	5.75	1149	862	690	493	383
	2.5	7.30	6.42	1285	964	771	551	429
	3.0	8.00	7.04	1408	1056	845	604	469
	4.0	9.24	8.13	1626	1220	976	697	542

Benefits of FD nozzles

- Extremely gentle application of fertilizer by horizontal jet formation
- Danger of crop scorch reduced to a minimum by extreme coarse droplets
- Optimised cross distribution across the spray boom according to JKI (former BBA) requirements for flat fan nozzles
- No streaking anymore in the crop
- Considerable less clogging than multi orifice-nozzles
- Fits to all current boom types as the nozzle tip is placed distinct lower
- Toolless removal of dosing orifice for cleaning purpose

- Spray pressure at the nozzle tip (gauged with a diaphragm valve)
- The stated liter-per-hectare rates apply to UAN (28/1.28 kg/l)
- Nozzle spacing 0.5 m
- Prior to each spraying season, verify the table data by gauging the flow rates
- Make sure that all nozzles have the same settings

Conversion factors and formula see page 7