

# OPN Series - Orifice Plate Nozzle



## Nozzle Features

OPN series orifice plate discs provide an economical way to produce a solid stream jet for metering and trimming applications. OPN series disc is housed in a SJ body and cap assembly, optional strainer can be added to nozzle where clogging may occur for smaller orifice sizes.



## Performance Data

NOZZLE THREAD CONN.				NOZZLE CODE	FLOW RATES (LPM @ BarG)					
1/8	1/4	3/8	1/2		0.2	1.0	1.5	2.0	3.0	4.0
●	●	●	●	03	0.013	0.018	0.023	0.026	0.032	0.037
●	●	●	●	05	0.021	0.029	0.036	0.046	0.051	0.059
●	●	●	●	06	0.031	0.043	0.053	0.061	0.075	0.087
●	●	●	●	08	0.040	0.057	0.070	0.081	0.099	0.11
●	●	●	●	09	0.045	0.064	0.078	0.090	0.11	0.13
●	●	●	●	11	0.053	0.075	0.092	0.11	0.13	0.15
●	●	●	●	14	0.069	0.098	0.12	0.14	0.17	0.20
●	●	●	●	17	0.086	0.12	0.15	0.17	0.21	0.24
●	●	●	●	20	0.098	0.14	0.17	0.20	0.24	0.28
●	●	●	●	24	0.12	0.17	0.21	0.24	0.29	0.34
●	●	●	●	25	0.13	0.18	0.22	0.25	0.31	0.36
●	●	●	●	28	0.14	0.20	0.24	0.28	0.34	0.39
●	●	●	●	29	0.15	0.21	0.26	0.29	0.36	0.42
●	●	●	●	32	0.16	0.23	0.28	0.32	0.39	0.45
●	●	●	●	35	0.18	0.25	0.30	0.35	0.43	0.50
●	●	●	●	37	0.18	0.26	0.32	0.37	0.45	0.52
●	●	●	●	40	0.20	0.28	0.35	0.40	0.49	0.57
●	●	●	●	43	0.22	0.31	0.38	0.43	0.53	0.61
●	●	●	●	47	0.24	0.34	0.41	0.47	0.58	0.67
●	●	●	●	51	0.25	0.36	0.44	0.51	0.62	0.72
●	●	●	●	56	0.28	0.39	0.48	0.56	0.68	0.79
●	●	●	●	61	0.31	0.43	0.53	0.61	0.75	0.87
●	●	●	●	66	0.33	0.47	0.57	0.66	0.81	0.94
●	●	●	●	68	0.34	0.48	0.59	0.68	0.83	0.96
●	●	●	●	74	0.37	0.53	0.64	0.74	0.91	1.05
●	●	●	●	81	0.40	0.57	0.70	0.81	0.99	1.14
●	●	●	●	87	0.44	0.62	0.76	0.87	1.07	1.24
●	●	●	●	89	0.45	0.63	0.77	0.89	1.09	1.26
●	●	●	●	92	0.46	0.65	0.80	0.92	1.13	1.31
●	●	●	●	95	0.47	0.67	0.82	0.95	1.16	1.34
●	●	●	●	106	0.53	0.75	0.92	1.06	1.30	1.50
●	●	●	●	108	0.54	0.76	0.93	1.08	1.32	1.52
●	●	●	●	116	0.58	0.82	1.00	1.16	1.42	1.64
●	●	●	●	122	0.61	0.86	1.05	1.22	1.49	1.72
●	●	●	●	129	0.65	0.91	1.12	1.29	1.58	1.82
●	●	●	●	140	0.70	0.99	1.21	1.40	1.71	1.98
●	●	●	●	150	0.75	1.06	1.30	1.50	1.84	2.13
●	●	●	●	158	0.79	1.12	1.37	1.58	1.94	2.24
●	●	●	●	168	0.84	1.19	1.46	1.68	2.06	2.38
●	●	●	●	179	0.89	1.26	1.55	1.79	2.19	2.53
●	●	●	●	185	0.92	1.31	1.60	1.85	2.26	2.61
●	●	●	●	198	0.99	1.40	1.71	1.98	2.42	2.79

## Applications

- Lubrication      ■ Conveyor Lubrication
- Metering        ■ Jetting

## Ordering Example

1/8-OPN-SS-24

## Available Materials

303ss, 316ss

\* Other materials available on request