

SD SERIES STAINLESS SHOWER DISC

SD series disc nozzles are a quality spray nozzle disc in a low profile configuration designed to be retained in a weld on housing via a locknut and gasket system; the nozzle orifice protrudes into the spray header or delivery pipe, thus reducing the potential for blockage. When used in conjunction with a 'self-cleaning' shower head or manifold, the risk of nozzle blockage is further reduced. The SD nozzle series can be used to replace existing shower discs or as a complete system on 'new' spray manifolds.

CHARACTERISTICS

Large range of flow rates available with spray angles including 0°, 30° and 60°. Spray patterns include needle jet, flat fan and blank discs. Weld on sockets and retaining nuts allow the entire SD assembly to be used for new installations. NEW 'Ceradome' ceramic needle jet nozzles; for brush showers now available, for longer wear life.

APPLICATIONS

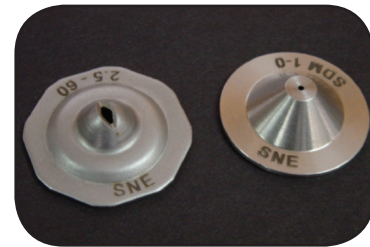
The SD disc nozzle, due to its reduced blockage design, can be used for washing or spraying in pulp and paper mills, coal preparation plants, water treatment systems, screen and filter washing and many more.

CONSTRUCTION & MATERIALS

SD disc nozzles supplied in 304ss with 2B finish. Other materials available on request. SD weld on socket and retaining nut standard in stainless steel. Other materials available on request. SD Gasket materials available in Nitrile, Viton and Fibre. Now available in "Round" outside diameter profile (for certain sizes only).



SD Disc Nozzle



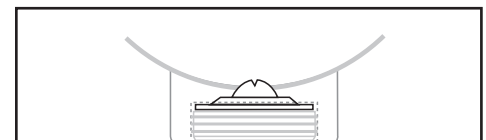
Round SD Disc Nozzle

TECHNICAL DATA

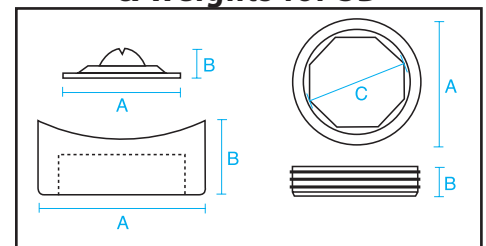
PERFORMANCE INFORMATION SD SERIES STAINLESS SHOWER NOZZLES (SD)

	ORIFICE (mm)	STANDARD SPRAY ANGLES			FLOW RATE LITRES/ MIN. at BAR.G						
		0°	30°	60°	1	3	6	US GPM@	10	30	50
SD 0.4					0.08	0.15	0.21	0.06	0.27	0.46	0.60
SD 0.6					0.16	0.27	0.38	0.12	0.49	0.85	1.10
SD 0.7					0.20	0.34	0.48	0.15	0.63	1.08	1.40
SD 0.8					0.30	0.50	0.70	0.21	0.90	1.60	2.00
SD 1.0					0.50	0.90	1.20	0.37	1.60	2.70	3.50
SD 1.2					0.60	1.30	1.60	0.48	2.00	3.50	4.50
SD 1.5					1.00	1.70	2.40	0.74	3.00	5.30	6.80
SD 2.0					1.80	3.10	4.40	1.32	5.60	9.70	12.5
SD 2.5					2.80	4.90	6.90	2.10	8.90	15.5	20.0
SD 3.0					4.50	7.80	11.0	3.30	14.1	24.0	32.0
SD 1.0					0.50	0.9	1.20	0.37	1.60	2.70	3.50
SD1.5					1.00	1.70	2.40	0.74	3.00	5.30	6.80
SD 2.0					1.80	3.10	4.40	1.32	5.60	9.70	12.5
SD 2.5					2.80	4.90	6.90	2.10	8.90	15.5	20.0
SD 3.0					4.50	7.80	11.0	3.30	14.1	24.0	32.0
SD 1.0					0.50	0.90	1.20	0.37	1.60	2.70	3.50
SD 1.2					0.60	1.30	1.60	0.48	2.00	3.50	4.50
SD 1.5					1.00	1.70	2.40	0.74	3.00	5.30	6.80
SD 2.0					1.80	3.10	4.40	1.32	5.60	9.70	12.5
SD 2.5					2.80	4.90	6.90	2.10	8.90	15.5	20.0
SD 3.0					4.50	7.80	11.0	3.33	14.1	24.0	32.0
SD 4.0					7.20	12.4	17.5	5.34	22.7	39.0	51.0
SD 5.0					11.2	19.4	27.4	8.32	35.4	60.0	80.0
SD 6.0					17.8	31.0	43.8	13.31	56.6	95.0	127.0
SD 7.0					22.3	39.0	55.0	16.64	72.0	120.0	161.0

Standard SD installation



Approx. Dimensions & Weights for SD



APPROX DIMENSIONS (mm)				Weight (gms)
	A	B	C	
SD disc*	26.6	5.8	-	04
SD socket **	38.1	14.3	-	50
SD nut	30	7.5	22	20

Available Spray angles (blank discs available in all sizes) *Other SD sizes, spray angles and material of construction available on request

HOW TO ORDER

If you require, for example a 0.4mm orifice with 0° angle in stainless steel, order as follows: SNE-SSSD-0.4-0

SD Nozzle = SD304SS
SD Assembly = 3"SD4304SS
(to suit 3" N.B pipe size weld socket)