

# EDM Series - Full Cone Nozzle



## Nozzle Features

EDM CJ series spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM CJ series feature a full cone spray pattern with a round impact area in narrow to medium spray angles, produce uniform distribution of medium to large sized droplets over a wide range of flow rates and pressures. Their uniform spray distribution result from a unique vane design, large and easy flow passages and superior spray control design.



## Performance Data

NOZZLE THREAD CONN.				NOZZLE CODE	INLET BORE DIA. (mm)	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							APPROX SPRAY ANGLE @ 2.0 BarG DEG°
1/8	1/4	3/8	1/2				0.5	1.0	2.0	3.0	5.0	7.0	10.0	
●	●			6	0.6	0.8	0.33	0.45	0.63	0.76	0.97	1.14	1.34	57
●	●			9	0.6	1.2	0.47	0.66	0.91	1.10	1.40	1.64	1.94	63
●	●			12	1.0	1.2	0.62	0.85	1.18	1.43	1.82	2.13	2.51	51
●	●			19	1.0	1.5	0.97	1.35	1.87	2.26	2.88	3.37	3.98	63
●	●			22	1.3	1.6	1.14	1.57	2.18	2.64	3.35	3.93	4.64	51
●	●			31	1.0	2.0	1.63	2.25	3.12	3.78	4.80	5.62	6.65	66
●	●			41	1.6	2.4	2.12	2.94	4.07	4.92	6.26	7.33	8.67	51
●	●			63	1.6	3.2	3.28	4.54	6.29	7.61	9.68	11.33	13.40	66
●	●			58	2.4	2.6	3.03	4.20	5.82	7.04	8.95	10.49	12.40	51
●	●	●	●	92	2.4	3.6	4.80	6.65	9.21	11.14	14.17	16.59	19.62	65
●	●	●	●	137	2.8	4.5	7.05	9.76	13.52	16.36	20.80	24.36	28.81	85
●	●	●	●	100	3.2	3.5	5.19	7.19	9.96	12.05	15.32	17.95	21.22	51
●	●	●	●	155	3.2	4.6	8.06	11.17	15.47	18.72	23.80	27.87	32.96	65
●	●	●	●	198	3.6	5.2	10.28	14.24	19.72	23.86	30.33	35.53	42.02	76
●	●	●	●	249	3.6	6.2	12.98	17.98	24.91	30.14	38.32	44.88	53.07	88

## Nozzle Features



EDM CJW series spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM CJW series feature a full cone spray pattern with a round impact area in narrow to medium spray angles, produce uniform distribution of medium to large sized droplets over a wide range of flow rates and pressures.



## Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	INLET BORE DIA. (mm)	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							APPROX. SPRAY ANGLE @ 2.0 BarG DEG°
				0.5	1.0	2.0	3.0	5.0	7.0	10.0	
1/8	17W	1.0	1.6	0.88	1.21	1.68	2.03	2.58	3.03	3.58	118
	26W	1.0	2.0	1.37	1.89	2.62	3.17	4.03	4.72	5.58	118
	34W	1.0	2.4	1.78	2.47	3.42	4.14	5.26	6.16	7.29	118
	48W	1.3	2.4	2.49	3.45	4.78	5.78	7.35	8.61	10.18	118
1/4	60W	1.3	2.8	3.11	4.31	5.97	7.22	9.18	10.76	12.72	118
	73W	1.3	3.2	3.79	5.26	7.28	8.81	11.20	13.12	15.51	118
	85W	1.6	3.6	4.41	6.12	8.47	10.25	13.03	15.26	18.05	118
3/8	103W	1.6	4.0	5.35	7.41	10.27	12.43	15.80	18.50	21.88	118
	121W	2.4	4.4	6.31	8.74	12.11	14.65	18.63	21.82	25.80	118
	144W	2.4	4.8	7.52	10.42	14.43	17.46	22.20	26.00	30.75	118
	163W	2.8	5.2	8.49	11.75	16.28	19.70	25.04	29.33	34.69	118
1/2	181W	2.8	5.6	9.44	13.07	18.11	21.91	27.86	32.63	38.59	118
	210W	3.2	6.0	10.94	15.15	20.98	25.38	32.27	37.80	44.70	118
	240W	3.2	6.4	12.49	17.31	23.97	29.00	36.87	43.19	51.07	118
	270W	3.6	6.4	14.08	19.51	27.02	32.69	41.56	48.69	57.57	118
	300W	4.0	6.7	15.63	21.64	29.98	36.27	46.12	54.02	63.88	118

## Applications

- Gas Scrubbing
- Foam Suppression
- Cooling & Quenching
- Meat Carcass Chilling

## Ordering Example

3/8-EDMCJ-316SS-92

## Available Materials

Brass, 303ss, 316ss

\* Other materials available on request

# EDM Series - Full Cone Nozzle



## Nozzle Features

EDM CJSQ & CJWSQ series spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM CJSQ & CJWSQ series feature a full cone spray pattern with a round impact area in narrow to medium spray angles, produce uniform distribution of medium to large sized droplets over a wide range of flow rates and pressures. Their uniform spray distribution result from a unique vane design, large and easy flow passages and superior spray control design.



## Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	INLET BORE DIA.	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)						APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	(mm)	0.5	1.0	2.0	3.0	5.0	7.0	DEG°
1/8	22	1.3	1.6	1.16	1.60	2.22	2.69	3.41	4.00	53
	30	1.3	1.9	1.55	2.15	2.98	3.61	4.58	5.37	65
	37	1.3	2.4	1.94	2.69	3.73	4.51	5.74	6.72	68
1/4	62	1.6	2.8	3.22	4.45	6.17	7.47	9.49	11.12	69
	74	1.6	3.2	3.84	5.32	7.37	8.92	11.34	13.28	77
	90	1.6	3.9	4.69	6.49	8.99	10.88	13.83	16.20	84
3/8	111	2.4	4.0	5.81	8.04	11.14	13.48	17.14	20.07	77
1/2	179	3.2	5.6	9.31	12.90	17.87	21.62	27.49	32.20	77
	220	3.2	6.4	11.46	15.87	21.98	26.59	33.81	39.60	84



## Nozzle Features

EDM CJWSQ series spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM CJWSQ series feature a full cone spray pattern with a round impact area in narrow to medium spray angles, produce uniform distribution of medium to large sized droplets over a wide range of flow rates and pressures.



## Performance Data

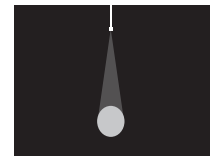
NOZZLE THREAD CONN.	NOZZLE CODE	MAX BORE DIA.	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)						APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	(mm)	0.5	1.0	2.0	3.0	5.0	7.0	DEG°
1/4	85WSQ	1.6	3.6	4.48	6.16	8.47	10.21	12.91	15.07	104
	103WSQ	1.6	4.0	5.43	7.47	10.28	12.39	15.67	18.29	104
3/8	121WSQ	2.4	4.4	6.41	8.81	12.12	14.61	18.47	21.57	112
	145WSQ	2.4	4.8	7.65	10.52	14.47	17.44	22.06	25.75	113
	163WSQ	2.8	5.2	8.60	11.83	16.27	19.61	24.80	28.95	112
	181WSQ	2.8	5.6	9.55	13.14	18.07	21.78	27.54	32.15	115
	210WSQ	3.2	6.0	11.09	15.25	20.98	25.28	31.98	37.33	114
1/2	240WSQ	3.2	6.4	12.70	17.47	24.03	28.96	36.63	42.76	115
	270WSQ	3.6	6.4	14.28	19.64	27.02	32.56	41.18	48.08	116
	300WSQ	4.0	6.7	15.84	21.79	29.97	36.12	45.68	53.33	113



## Nozzle Features

EDM GCJ series narrow angle nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM GCJ series feature a narrow angle full cone spray pattern with a round impact area and spray angles of 15° and produce uniform distribution of medium to large sized droplets. The nozzle provides significantly higher impact per unit area than wider angle nozzles at the same flow rate and have removable vanes.



## Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)							APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	0.5	1.0	2.0	3.0	5.0	7.0	10.0	DEG°
1/8	1523	1.6	1.21	1.68	2.33	2.82	3.58	4.20	4.96	15
	1545	2.4	2.36	3.26	4.52	5.47	6.95	8.14	9.63	15
1/4	1598	3.2	5.10	7.07	9.79	11.85	15.06	17.64	20.86	15
3/8	15162	4.4	8.44	11.69	16.19	19.59	24.90	29.17	34.50	15
1/2	15300	5.6	15.59	21.59	29.91	36.19	46.01	53.89	63.73	15

# EDM Series - Flat Fan Nozzle

## Nozzle Features



EDM VJ series flat fan nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.

EDM VJ series produce a uniform distribution of small, medium and large size droplets. The spray pattern is elliptical and can form an even coverage when a number of nozzles are fitted side by side.



## Performance Data

EDMVJ series are available in the following spray angles 0°(solid stream), 15°, 25°, 40°, 50°, 65°, 80°, 95° and 110°.

NOZZLE THREAD CONN.				NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)							
1/8	1/4	3/8	1/2			(mm)	0.5	1.0	2.0	3.0	5.0	7.0	10.0
●	●			3	0.66	0.16	0.23	0.32	0.39	0.51	0.60	0.72	1.13
●	●			5	0.79	0.24	0.34	0.48	0.59	0.76	0.90	1.07	1.70
●	●			6	0.91	0.32	0.45	0.64	0.78	1.01	1.20	1.43	2.26
●	●			8	1.02	0.41	0.57	0.81	0.99	1.28	1.52	1.81	2.86
●	●			10	1.09	0.49	0.69	0.97	1.19	1.53	1.81	2.17	3.43
●	●			13	1.32	0.65	0.92	1.30	1.59	2.06	2.43	2.91	4.60
●	●			16	1.45	0.81	1.15	1.62	1.98	2.56	3.03	3.62	5.73
●	●			19	1.57	0.97	1.37	1.94	2.38	3.07	3.63	4.34	6.86
●	●			26	1.83	1.29	1.82	2.58	3.16	4.08	4.83	5.77	9.12
●	●	●	●	32	2.03	1.61	2.28	3.22	3.94	5.09	6.02	7.20	11.38
●	●	●	●	48	2.38	2.42	3.42	4.83	5.92	7.64	9.04	10.80	17.08
●	●	●	●	65	2.78	3.23	4.56	6.45	7.90	10.20	12.07	14.42	22.80
●	●	●	●	97	3.57	4.84	6.84	9.67	11.84	15.29	18.09	21.62	34.19
●	●	●	●	129	3.97	6.46	9.14	12.93	15.84	20.44	24.19	28.91	45.71
●	●	●	●	161	4.37	8.07	11.41	16.13	19.76	25.50	30.18	36.07	57.03
	●	●	●	194	4.76	9.69	13.70	19.38	23.74	30.64	36.26	43.33	68.52
	●	●	●	227	5.16	11.33	16.02	22.66	27.75	35.83	42.39	50.67	80.12
		●	●	259	5.56	12.94	18.29	25.87	31.68	40.90	48.40	57.85	91.46
		●	●	291	5.95	14.55	20.57	29.09	35.63	46.00	54.42	65.05	102.85
		●	●	322	6.35	16.12	22.80	32.24	39.49	50.98	60.32	72.09	113.99
		●	●	387	7.35	19.35	27.37	38.70	47.40	61.19	72.40	86.54	136.83
		●	●	488	7.54	24.41	34.52	48.82	59.79	77.19	91.33	109.16	172.60
			●	644	8.73	32.21	45.54	64.41	78.89	101.84	120.50	144.03	227.72
			●	809	9.50	40.46	57.22	80.92	99.11	127.95	151.39	180.94	286.10

## Nozzle Features



EDM FJ series spray nozzle features a high impact flat fan spray pattern in narrow spray angles. They produce a uniform spray distribution of medium sized droplets. The EDM FJ series spray pattern has sharply defined edges and it is machined from one piece bar stock. EDM FJ series nozzle provides for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools.



## Performance Data

SPRAY ANGLE	NOZZLE THREAD CONN.			NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)						
	1/4	3/8	1/2			(mm)	0.5	1.0	2.0	3.0	5.0	7.0
35°			●	194	4.4	9.69	13.70	19.37	23.72	30.63	36.24	43.31
			●	261	5.2	13.03	18.42	26.05	31.90	41.19	48.74	58.25
50°	●			32	2.0	1.62	2.29	3.24	3.97	5.12	6.06	7.24
	●	●		82	2.8	4.08	5.76	8.15	9.98	12.89	15.25	18.22
	●	●		129	3.6	6.47	9.15	12.94	15.85	20.46	24.21	28.93
		●		194	4.8	9.69	13.70	19.37	23.72	30.63	36.24	43.31
		●		321	6.0	16.03	22.66	32.05	39.25	50.68	59.96	71.67
		●		400	6.7	20.02	28.31	40.04	49.04	63.31	74.91	89.53

## Applications

- Conveyor Cleaning
- Metal Treatment
- Product Washing
- High Impact Cleaning

## Ordering Example

1/2-EDMFJ-316SS-35194

## Available Materials

Brass, 303ss, 316ss  
\* Other materials available on request

# EDP Plastic Dismantling Nozzle



## Nozzle Features

EDP series polypropylene spray nozzles provide for easy change-out on the run. The nozzle can be removed in seconds with a quarter turn without the use of tools. EDP series are available in hollow cone, full cone and flat fan spray patterns and produce uniform distribution of small, medium and large size droplets.



## Performance Data

**EDP-QA**  
Hollow Cone



NOZZLE THREAD CONN.	NOZZLE CODE	INLET BORE DIA.	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)						APPROX. SPRAY ANGLE @ 2.0 BarG
		(mm)	(mm)	0.5	1.0	2.0	3.0	5.0	7.0	DEG°
1/4 or 3/8	QA 3	0.79	1.2	0.17	0.23	0.33	0.40	0.52	0.62	60
	QA 6	1.6	1.6	0.32	0.45	0.64	0.78	1.01	1.20	66
	QA 14	2.0	2.0	0.69	0.97	1.37	1.68	2.17	2.56	68
	QA 20	2.4	2.4	1.00	1.41	1.99	2.44	3.15	3.72	80
	QA 33	3.6	2.8	1.64	2.32	3.28	4.02	5.19	6.14	75
	QA 53	4.4	3.6	2.63	3.72	5.26	6.44	8.32	9.84	73
	QA 65	4.8	4.4	3.24	4.57	6.47	7.92	10.23	12.10	76
	QA 97	6.0	4.2	4.86	6.87	9.72	11.90	15.37	18.18	72
	QA 33W	3.6	3.2	1.64	2.32	3.28	4.02	5.19	6.14	111
	QA 53W	4.4	4.0	2.63	3.72	5.26	6.44	8.32	9.84	100
	QA 65W	4.8	4.4	3.24	4.57	6.47	7.92	10.23	12.10	97
	QA 97W	6.0	5.6	4.86	6.87	9.72	11.90	15.37	18.18	98

## Performance Data

**EDP-QB**  
Full Cone



NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)							APPROX. SPRAY ANGLE @ 2.0 BarG
		0.5	1.0	2.0	3.0	5.0	7.0	10.0	DEG°
1/4	QB 6	0.32	0.45	0.62	0.75	0.95	1.12	1.32	60
	QB 12	0.63	0.87	1.21	1.46	1.86	2.18	2.58	51
	QB 19	1.01	1.39	1.93	2.34	2.97	3.48	4.11	66
3/8	QB 22	1.16	1.60	2.22	2.69	3.41	4.00	4.73	50
	QB 31	1.64	2.27	3.14	3.80	4.83	5.66	6.69	65
	QB 41	2.12	2.93	4.06	4.91	6.25	7.32	8.65	52
	QB 62	3.24	4.48	6.21	7.51	9.55	11.19	13.23	68

## Performance Data

**EDP-QC**  
Flat Fan



NOZZLE THREAD CONN.		NOZZLE CODE	OUTLET BORE DIA.	FLOW RATES (LPM @ BarG)									
50	65		80	95	(mm)	0.5	1.0	2.0	3.0	5.0	7.0	10.0	25.0
	•	•		QC 6	0.66	0.32	0.45	0.64	0.78	1.01	1.20	1.43	2.26
		•		QC 13	0.79	0.66	0.93	1.31	1.60	2.07	2.45	2.93	4.63
	•	•		QC 16	0.91	0.81	1.15	1.62	1.98	2.56	3.03	3.62	5.73
	•	•	•	QC 19	1.02	0.95	1.34	1.9	2.33	3.00	3.55	4.25	6.72
•	•	•	•	QC 26	1.09	1.30	1.84	2.6	3.18	4.11	4.86	5.81	9.19
	•	•	•	QC 32	1.32	1.60	2.26	3.2	3.92	5.06	5.99	7.16	11.31
	•		•	QC 48	1.45	2.40	3.39	4.8	5.88	7.59	8.98	10.73	16.97
		•		QC 65	1.57	3.25	4.60	6.5	7.96	10.28	12.16	14.53	22.98

## Applications

- Conveyor Cleaning
- Metal Treatment
- Product Washing
- Spray Chilling

## Ordering Example

1/4-EDP-QC-13

## Available Materials

PP - Polypropylene