

NOZZLE CHART

A commonly used standard for nozzle size is the "nozzle number" which is equivalent to the nozzle capacity in gpm at a specific psi. Spray angle does not effect nozzle volume.

Size	Orifice Diameter		Pressure (psi)																												
	Inches	mm	5	10	20	30	40	100	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4500	5000	5500	6000	6500	7000	7500
1	0.026	0.66	0.04	0.05	0.07	0.09	0.10	0.16	0.25	0.35	0.43	0.50	0.56	0.61	0.66	0.71	0.74	0.79	0.83	0.87	0.90	0.94	0.97	1.00	1.06	1.12	1.17	1.22	1.27	1.32	1.37
1.5	0.031	0.79	0.05	0.08	0.11	0.13	0.15	0.24	0.38	0.53	0.65	0.75	0.84	0.92	0.99	1.06	1.11	1.19	1.24	1.30	1.35	1.40	1.45	1.50	1.59	1.68	1.76	1.84	1.91	1.98	2.05
2	0.034	0.86	0.07	0.10	0.14	0.17	0.20	0.32	0.50	0.71	0.87	1.00	1.12	1.22	1.32	1.41	1.48	1.58	1.66	1.73	1.80	1.87	1.94	2.00	2.12	2.24	2.35	2.45	2.55	2.65	2.74
2.5	0.039	0.99	0.09	0.13	0.18	0.22	0.25	0.40	0.63	0.88	1.08	1.25	1.40	1.53	1.65	1.77	1.85	1.98	2.07	2.17	2.25	2.34	2.42	2.50	2.65	2.80	2.93	3.06	3.19	3.31	3.42
3	0.043	1.09	0.11	0.15	0.21	0.26	0.30	0.47	0.75	1.06	1.30	1.50	1.68	1.84	1.98	2.12	2.22	2.37	2.49	2.60	2.70	2.81	2.90	3.00	3.18	3.35	3.52	3.67	3.82	3.97	4.11
3.5	0.048	1.22	0.12	0.18	0.25	0.30	0.35	0.55	0.88	1.24	1.52	1.75	1.96	2.14	2.32	2.47	2.60	2.77	2.90	3.03	3.15	3.27	3.39	3.50	3.71	3.91	4.10	4.29	4.46	4.63	4.79
4	0.050	1.27	0.14	0.20	0.28	0.35	0.40	0.63	1.00	1.41	1.73	2.00	2.24	2.45	2.65	2.83	2.97	3.16	3.32	3.46	3.61	3.74	3.87	4.00	4.24	4.47	4.69	4.90	5.10	5.29	5.48
4.5	0.055	1.40	0.16	0.23	0.32	0.39	0.45	0.71	1.13	1.59	1.95	2.25	2.52	2.76	2.98	3.18	3.34	3.56	3.73	3.90	4.06	4.21	4.36	4.50	4.77	5.03	5.28	5.51	5.74	5.95	6.16
5	0.057	1.45	0.18	0.25	0.35	0.43	0.50	0.79	1.25	1.77	2.17	2.50	2.80	3.06	3.31	3.54	3.71	3.95	4.15	4.33	4.51	4.68	4.84	5.00	5.30	5.59	5.86	6.12	6.37	6.61	6.85
5.5	0.060	1.52	0.19	0.28	0.39	0.48	0.55	0.87	1.38	1.94	2.38	2.75	3.07	3.37	3.64	3.89	4.08	4.35	4.56	4.76	4.96	5.14	5.33	5.50	5.83	6.15	6.45	6.74	7.01	7.28	7.53
6	0.062	1.57	0.21	0.30	0.42	0.52	0.60	0.95	1.50	2.12	2.60	3.00	3.35	3.67	3.94	4.14	4.45	4.74	4.97	5.20	5.41	5.61	5.81	6.00	6.36	6.71	7.04	7.35	7.65	7.94	8.22
6.5	0.064	1.63	0.23	0.33	0.46	0.56	0.65	1.03	1.63	2.30	2.81	3.25	3.63	3.98	4.30	4.60	4.82	5.14	5.39	5.63	5.86	6.08	6.29	6.50	6.89	7.27	7.62	7.96	8.29	8.60	8.90
7	0.067	1.70	0.25	0.35	0.49	0.61	0.70	1.11	1.75	2.47	3.03	3.50	3.91	4.29	4.63	4.95	5.19	5.53	5.80	6.06	6.31	6.55	6.78	7.00	7.42	7.83	8.21	8.57	8.92	9.26	9.59
7.5	0.071	1.80	0.27	0.38	0.53	0.65	0.75	1.19	1.88	2.65	3.25	3.75	4.19	4.59	4.96	5.30	5.56	5.93	6.22	6.50	6.76	7.02	7.26	7.50	7.95	8.39	8.79	9.19	9.56	9.92	10.27
8	0.072	1.83	0.28	0.40	0.57	0.69	0.80	1.26	2.00	2.83	3.46	4.00	4.47	4.90	5.29	5.66	5.93	6.32	6.63	6.93	7.21	7.48	7.75	8.00	8.49	8.94	9.38	9.80	10.20	10.58	10.95
8.5	0.074	1.88	0.30	0.43	0.60	0.74	0.85	1.34	2.13	3.01	3.68	4.25	4.75	5.21	5.62	6.01	6.30	6.72	7.05	7.36	7.66	7.95	8.23	8.50	9.02	9.50	9.97	10.40	10.84	11.24	11.64
9	0.076	1.93	0.32	0.45	0.64	0.78	0.90	1.42	2.25	3.18	3.90	4.50	5.03	5.51	5.95	6.36	6.67	7.12	7.46	7.79	8.11	8.42	8.71	9.00	9.55	10.06	10.55	11.02	11.47	11.91	12.32
9.5	0.078	1.98	0.34	0.48	0.67	0.82	0.95	1.50	2.38	3.36	4.11	4.75	5.31	5.82	6.28	6.72	7.05	7.51	7.88	8.23	8.56	8.89	9.20	9.50	10.08	10.62	11.14	11.64	12.11	12.57	13.01
10	0.080	2.03	0.35	0.50	0.71	0.87	1.00	1.58	2.50	3.54	4.33	5.00	5.59	6.12	6.61	7.07	7.42	7.91	8.29	8.66	9.01	9.35	9.68	10.00	10.61	11.18	11.73	12.25	12.75	13.23	13.69
11	0.083	2.11	0.39	0.55	0.78	0.95	1.10	1.74	2.75	3.89	4.76	5.50	6.15	6.74	7.28	7.78	8.16	8.70	9.12	9.53	9.92	10.29	10.65	11.00	11.67	12.30	12.90	13.47	14.02	14.55	15.06
12	0.087	2.21	0.42	0.60	0.85	1.04	1.20	1.90	3.00	4.24	5.20	6.00	6.71	7.35	7.94	8.49	8.90	9.49	9.95	10.39	10.82	11.22	11.62	12.00	12.73	13.42	14.07	14.70	15.30	15.87	16.43
12.5	0.089	2.26	0.44	0.63	0.88	1.08	1.25	1.98	3.13	4.42	5.41	6.25	6.99	7.65	8.27	8.84	9.27	9.88	10.36	10.83	11.27	11.69	12.10	12.50	13.26	13.98	14.66	15.31	15.93	16.54	17.12
13	0.091	2.31	0.46	0.65	0.92	1.13	1.30	2.06	3.25	4.60	5.63	6.50	7.27	7.96	8.60	9.19	9.64	10.28	10.78	11.26	11.72	12.16	12.59	13.00	13.79	14.53	15.24	15.92	16.57	17.20	17.80
14	0.093	2.36	0.49	0.70	0.99	1.21	1.40	2.21	3.50	4.95	6.06	7.00	7.83	8.57	9.26	9.90	10.38	11.07	11.61	12.12	12.62	13.10	13.56	14.00	14.85	15.65	16.42	17.15	17.85	18.52	19.17
15	0.096	2.44	0.53	0.75	1.06	1.30	1.50	2.37	3.75	5.30	6.50	7.50	8.39	9.19	9.92	10.61	11.12	11.86	12.44	12.99	13.52	14.03	14.52	15.00	15.91	16.77	17.59	18.37	19.12	19.84	20.54
20	0.109	2.77	0.71	1.00	1.41	1.73	2.00	3.16	5.00	7.07	8.66	10.00	11.18	12.25	13.23	14.14	14.83	15.81	16.58	17.32	18.03	18.71	19.36	20.00	21.21	22.36	23.45	24.49	25.50	26.46	27.39
25	0.125	3.18	0.88	1.25	1.77	2.17	2.50	3.95	6.25	8.84	10.83	12.50	13.98	15.31	16.54	17.68	18.54	19.54	20.37	21.65	22.53	23.39	24.21	25.00	26.52	27.95	29.32	30.62	31.87	33.07	34.23
30	0.141	3.58	1.06	1.50	2.12	2.60	3.00	4.74	7.50	10.61	12.99	15.00	16.77	18.37	19.84	21.21	22.25	23.72	24.87	25.98	27.04	28.06	29.05	30.00	31.82	33.54	35.18	36.74	38.24	39.69	41.08
35	0.152	3.86	1.24	1.75	2.47	3.03	3.50	5.53	8.75	12.37	15.16	17.50	19.57	21.43	23.15	24.75	25.96	27.67	29.02	30.31	31.55	32.74	33.89	35.00	37.12	39.13	41.04	42.87	44.62	46.30	47.93
40	0.156	3.96	1.41	2.00	2.83	3.46	4.00	6.32	10.00	14.14	17.32	20.00	22.36	24.49	26.46	28.28	29.66	31.62	33.17	34.64	36.06	37.42	38.73	40.00	42.43	44.72	46.90	48.99	50.99	52.92	54.77
45	0.173	4.39	1.59	2.25	3.18	3.90	4.50	7.12	11.25	15.91	19.49	22.50	25.16	27.56	29.76	31.82	33.37	35.58	37.31	38.97	40.56	42.09	43.57	45.00	47.73	50.31	52.77	55.11	57.36	59.53	61.62
50	0.172	4.37	1.77	2.50	3.59	4.36	5.00	7.91	12.50	17.68	21.65	25.00	27.95	30.62	33.07	35.36	37.08	39.53	41.46	43.30	45.07	46.77	48.41	50.00	53.03	55.90	58.63	61.24	63.74	66.14	68.47
55	0.179	4.55	1.94	2.75	3.84	4.76	5.50	8.70	13.75	19.45	23.82	27.50	30.75	33.68	36.38	38.89	40.79	43.48	45.60	47.63	49.58	51.45	53.25	55.00	58.34	61.49	64.49	67.36	70.11	72.76	75.31
60	0.188	4.78	2.12	3.00	4.24	5.20	6.00	9.49	15.00	21.21	25.98	30.00	33.54	36.74	39.69	42.43	44.50	47.43	49.75	51.96	54.08	56.12	58.00	60.00	63.64	67.08	70.36	73.48	76.49	79.37	82.16
70	0.281	7.14	2.47	3.50	4.95	6.06	7.00	11.07	17.50	24.75	30.31	35.00	39.13	42.87	46.30	49.50	51.91	55.34	58.04	60.62	63.10	65.48	67.78	70.00	74.25	78.26	82.08	85.73	89.23	92.60	95.85
80	0.297	7.54	2.83	4.00	5.66	6.93	8.00	12.65	20.00	28.28	34.64	40.00	44.72	48.99	52.92	56.57	59.33	63.25	66.33	69.28	72.11	74.83	77.46	80.00	84.85	89.44	93.81	97.98	101.98	105.83	109.54
90	0.316	8.03	3.18	4.50	6.36	7.79	9.00	14.23	22.50	31.82	38.97	45.00	50.31	55.11	59.53	63.64	66.75	71.15	74.62	77.94	81.12	84.19	87.14	90.00	95.46	100.62	105.53	110.23	114.73	119.06	123.24
105	0.335	8.50	3.71	5.25	7.42	9.09	10.50	16.60	26.25	37.12	45.47	52.50	58.70	64.30	69.45	74.25	77.87	83.01	87.06	90.93	94.65	98.22	101.67	105.00	111.37	117.39	123.12	128.60	133.85	138.90	143.78

NOZZLES

QC · 1/4 · 1/8 Nozzles

Ordering Info: Part No. + Spray Angle + Orifice Size = i.e. PWQC1502

Part No.	Connection	Spray Angle	Orifice Size	Material
PWQC	Quick Connect	0°, 15°, 25°, 40°	02 to 09	Hardened SS insert in a SS body
PW1/4M	1/4" NPT-M			
PW1/4W	1/4" NPT-F			
PW1/8M	1/4" NPT-F			

- 5000 psi Max Pressure
- gpm based on Orifice Size - See Nozzle Chart on Page 15



1/4 Washjet Nozzles - Large Orifice

Ordering Info: Part No. + Spray Angle + Orifice Size - i.e. PW1/4MH2512

Part No.	Connection	Spray Angle	Orifice Size	Material
PW1/4MH	1/4" NPT-M	0°, 05°, 15°, 25°, 40°, 65°	10, 12, 15, 20, 30, 40	Hardened SS insert in a SS body

- 4000 psi Max Pressure
- gpm based on Orifice Size - See Nozzle Chart on Page 15



PVDF Flat Flan Nozzles

Part Number Ordering Information: 90A2CM * E ** - * = Spray Angle ** = Orifice Size

Part No.	Connection	Spray Angle*	Orifice Size**	Material
90A2CM*E**	1/4" NPT-M	0°, 15°, 25°, 40°, 65°, 80°, 95°, 110°	01, 015, 02, 025, 03, 04, 05, 07, 08,	Chemically Resistant Polyvinylidene Nfluoride Polymer (PVDF)
90A1CM*E**	1/8" NPT-M		09, 10, 14, 15, 20, 30, 40 & 50	

- 500 psi Max Pressure
- gpm based on Orifice Size - See Nozzle Chart on Page 15



1/8 up to 2" Spray Nozzles

Ordering Info: Connection + Orifice Type + Spray Angle + Orifice Size - i.e. 1/8VVJB2501

Connection	Orifice Type	Spray Angle	Orifice Size	Material
1/8 up to 2"	VVJB	0° - 110°	Small Capacity up to Orifice Size 095	Brass
	VVSJB			303 SS
	UJB		Large Capacity Orifice Size 10+	Brass
	USJB			303 SS

- 500 psi Max Pressure
- gpm based on Orifice Size - See Nozzle Chart on Page 15



Chemical Soap Nozzles

Part No.	Connection	Spray Angle	Orifice Size	Material
PWCH1/4M1550SS	1/4" NPT-M	15°	50	SS
PWCHQC1550	QC	15°	50	Brass
PWCH1/4M6540	1/4" NPT-M	65°	40	Brass
PWCHQC6540	QC	65°	40	Brass
PWCH1/8M6540	1/8" NPT-M	65°	40	Brass
PWCH1/4M2540	1/4" NPT-M	25°	40	Brass
PWCHQC2540	QC	25°	40	Brass
PWCH1/4M2540	1/4" NPT-M	25°	40	Brass



HIGH PRESSURE & VARIABLE NOZZLES

7250 PSI High Pressure Nozzles

Part No.	Spray Angle	Orifice Size	Part No.	Spray Angle	Orifice Size
PW1/4M4002TC	40°	02	PW1/4M0002TC	0°	02
PW1/4M4003TC		03	PW1/8M0003TC		03
PW1/4M40038TC		038	PW1/8M00038TC		038
PW1/4M40049TC		049	PW1/8M00049TC		049
PW1/4M40055TC		055	PW1/8M00055TC		055

- 1/8" NPT-M or 1/4" NPT-M Inlet/Outlet
- Stainless Steel Body with Tungsten Carbide Insert



Tungsten Carbide

Stainless Steel

14500 PSI High Pressure Nozzles

Part No.	Spray Angle	Orifice Size	Part No.	Spray Angle	Orifice Size
PW1/4M0002SPH	0°	02	PW1/8M0002SPH	0°	02
PW1/4M00031SPH		031	PW1/8M0003SPH		03
PW1/4M00042SPH		042	PW1/8M0004SPH		04
PW1/4M00048SPH		048	PW1/8M00054SPH		054
PW1/4M00062SPH		062	PW1/8M0006SPH		06
PW1/4M00068SPH		068			

- 1/8" NPT-M or 1/4" NPT-M Inlet/Outlet
- Stainless Steel Body with Sapphire Insert



Sapphire

Stainless Steel

HL280 Variable Nozzles

Part No.	Orifice Size
HL280	02, 025, 03, 035, 04, 045, 05, 055, 06, 09, 12



- 4050 psi Max Pressure
- Up to 8.0 gpm Flow
- 195°F Max Temperature
- 1/4" BSP-F Inlet
- 8.5 oz Weight
- High-Low Pressure Setting

Sprayflex Nozzles

Part No.	Orifice Size
SPRAYFLEX	035, 040, 045, 050, 055, 060, 065



- 1200 psi Max Pressure
- 6.5 gpm Max Flow
- 180°F Max Temperature
- 1/4" NPT-F Inlet
- Molded Cap
- Spray Angle 0° - 80°

Variojet Nozzles

Part No.	Orifice Size
VARJET	035, 04, 045, 05, 06



- 3000 psi Max Pressure
- 5.5 gpm Max Flow
- 284°F Max Temperature
- 1/4" BSP-F Inlet
- 3.2 oz Weight
- Spray Angle 0° - 80°

Multireg Nozzles

Part No.	Orifice Size
MULTIREG	03, 035, 04, 045, 05, 055, 06, 065, 07, 075, 08



- 3000 psi Max Pressure
- 5.5 gpm Max Flow
- 140°F Max Temperature
- 1/4" BSP-F Inlet
- 8.0 oz Weight
- Spray Angle 0° - 80°

ASN Adjustable Nozzle Holder

Part No.
ASN



- 3600 psi Max Pressure
- 8.0 gpm Max Flow
- 320°F Max Temperature
- 1/4" NPT-F Inlet/Outlet
- Rotation of knob allows water to bypass the tip, activating downstream chemical injection.

ANH2 Adjustable Nozzle Holder

Part No.
ANH2



- 3000 psi Max Pressure
- 5.5 gpm Max Flow
- 140°F Max Temperature
- 1/4" BSP-F Inlet/Outlet
- Rotation of knob allows water to bypass the tip, activating downstream chemical injection.

ROTATING NOZZLES

DNH Double Nozzle Holder

Part No.
DNH

- 3000 psi Max Pressure
- 5.5 gpm Max Flow
- 1/4" BSP-F Inlet
- 1/4" NPT-F Outlet
- Holds two nozzles, one for low pressure soap, one for high pressure rinse



RSN Double Nozzle Holder

Part No.
RSN

- 2900 psi Max Pressure
- 10.5 gpm Max Flow
- 1/4" BSP-F Inlet
- 1/4" NPT-F Outlets
- Holds two nozzles, one for low pressure soap, one for high pressure rinse



RotoClean Rotating Nozzle

Part No.	Orifice Size
ROTOCLEAN	1.40 (04), 1.45 (045)

- 1500 psi Rated Pressure
- 140°F Max Temperature
- 1/4" BSP-F Inlet
- 8.5 oz Weight



RotoMax Rotating Nozzle

Part No.	Orifice Size
ROTOMAX	1.40 (04), 1.50 (05), 1.60 (06)

- 3500 psi Rated Pressure
- 176°F Max Temperature
- 1/4" BSP-F Inlet
- Adjustable Spray Pattern 0° - 15°
- 9.2 oz Weight



UR16 Rotating Nozzle

Part No.	Orifice Size
UR16	02, 025, 03, 04, 045, 05, 055, 06, 065, 07, 08

- 2300 psi Max - 435 psi Min Pressure
- 212°F Max Temperature
- 1/4" NPT-F Inlet
- 14.46 oz Weight



UR25 Rotating Nozzle

Part No.	Orifice Size
UR25	03, 035, 04, 045, 05, 055, 06, 065, 07, 08

- 3650 psi Max - 1150 psi Min Pressure
- 212°F Max Temperature
- 1/4" BSP-F Inlet
- 14.46 oz Weight



UR32 Rotating Nozzle

Part No.	Orifice Size
UR32	03, 035, 04, 045, 05, 055, 06, 065, 07, 08

- 5100 psi Max - 2600 psi Min Pressure
- 212°F Max Temperature
- 1/4" NPT-F Inlet
- 14.46 oz Weight



UR20 Rotating Nozzle

Part No.	Orifice Size
UR20	02, 03, 035, 04, 045, 05, 055, 06, 065, 07

- 3000 psi Max Pressure
- 194°F Max Temperature
- 1/4" NPT-F Inlet
- 11.8 oz Weight



UR35 Rotating Nozzle

Part No.	Orifice Size
UR35	02, 03, 035, 04, 045, 05, 055, 06, 065, 08, 09, 10, 12, 20

- 5000 psi Max Pressure
- 194°F Max Temperature
- 1/4" NPT-F Inlet
- 25.5 oz Weight



UR50 Rotating Nozzle

Part No.	Orifice Size
UR50	04, 045, 05, 055, 06, 065, 07, 12, 14, 16

- 7250 psi Max Pressure
- 194°F Max Temperature
- 1/4" BSP-F Inlet
- 21.0 oz Weight

Stainless Steel



ROTATING & SAND BLAST NOZZLES

UR60 - Rotating Nozzle

Part No.	Orifice Size
UR60	02, 03, 04, 05, 06, 07, 08

- 5250 psi Max - 2600 psi Min Pressure
- 212°F Max Temperature
- 1/4" BSP-F Inlet
- Tungsten Carbide Insert
- 19.1 oz Weight

Tungsten Carbide
Stainless Steel



RMAX750 - Rotating Nozzle

Part No.	Orifice Size
ROTOMAX750	1.10, 1.35, 1.55, 1.80

- 10800 psi Max Pressure
- 140°F Max Temperature
- 1/2" or 3/8" BSP-F Inlet
- Tungsten Carbide Insert
- 35.3 oz Weight

Tungsten Carbide
Stainless Steel



URHV - Rotating Nozzle

Part No.	Orifice Size	Connection
URHV	06, 08	1/2" NPT-F

- 5000 psi Max - 1000 psi Min Pressure
- 195°F Max Temperature
- Tungsten Carbide Insert
- High Density Polyethylene ATEX Compliant
- 16.8 oz Weight

Tungsten Carbide
Stainless Steel



QC & HP - Inline Filter

Part No.	Connection
GP100622 (SS)	1/4" NPT-M x 1/4" NPT-M
GP100647 (Brass)	1/4" NPT-F x 1/4" NPT-M
GP100560 (Brass)	1/4" QC x 1/4" NPT-M

- 5000 psi Rated Pressure
- 8.0 gpm Max Flow
- 200°F Max Temperature
- 100 Mesh SS Screen



Replacement Orifices for Multireg, Variojet, Rototek & Rotomax Nozzles

Part No.	Colour	Orifice Size
98661500I	Orange	03
98663200I	Dark Blue	035
98667400I	Red	04
98669000I	Yellow	045
98672500I	Light Blue	05
98675600I	White	055
98678000I	Black	06
98687000I	Purple	065
98691500I	Brown	07
98693500I	Neutral	075
98696300I	Green	08

SBH - Sand Blasting Head

Part No.	Nozzle Size
SBH0	1.50 mm
SBH1	1.60 mm
SBH2	1.70 mm
SBH3	1.85 mm
SBH4	2.10 mm
SBH5	2.30 mm

- 1000 to 3000 psi Max Pressure
- 2.1 to 13.2 gpm Max Flow
- 1/4" BSP-F Inlet
- 9.0 oz Tungsten Carbide Nozzle
- 95 to 177 lbs HR Sand Requirement
- Sand Poker 10704701I



SBK5500 - Sand Blasting Kit

Part No.
SBK5500

- 5500 psi Max Pressure
- 8.0 gpm Max Flow
- 1/4" BSP-F Inlet
- Tungsten Carbide Nozzle
- Includes 21" Steel Probe & 25' Suction Hose with 1/4" QC
- PW1/4M__ Not Included



Adjustable Probes for TS8 & TS12

Part No.	Inlet
25030000P	13 mm
25030020P	21 mm

- 25030000P for TS8250
- 25030020P for SBHS80012
- Length 19.7"
- 21.5 oz - 25030000P
- 23.35 oz - 25030020P



TS8250 - Sand Blasting Kit

Part No.	Nozzle Size
TS8250	04

- 3650 psi Max Pressure
- 10.5 gpm Max Flow
- 195°F Max Temperature
- 1/4" BSP-F Inlet
- Tungsten Carbide Nozzle
- Includes Sandpoker



TS12 - Sand Blasting Head

Part No.
SBHS80012

- 7250 psi Max Pressure
- 21.0 gpm Max Flow
- 195°F Max Temperature
- 1/4" BSP-F Inlet, 1/4" NPT Connector
- 31.4 oz Weight
- Tempered Nickel Galvanized Steel Body with Conveyor in Tungsten Carbide
- Nozzle Not Included



TANK CLEANING NOZZLES

A42R - Self-Propelled

Part No.	Max Flow
25518020P	5.3 gpm
25518030P	5.3 - 8.0 gpm
25518040P	8.0 - 10.5 gpm

- 2000 psi Rated Pressure
- 580 psi Min Pressure
- 195°F Max Temperature
- 1/2" BSP-F Inlet
- Nozzle Type 3 x 1/8" NPT-M (Not Included)
- 3.39" (86 mm) min. Overall Coverage



A42R360 - 360° Self-Propelled

Part No.	Max Flow
25536015P	3.4 - 4.5 gpm

- 2000 psi Rated Pressure
- 580 psi Min Pressure
- 195°F Max Temperature
- 1/2" BSP-F Inlet
- Nozzle Type 4 x 1/8" NPT-M (Not Included)
- 3.39" (86 mm) min. Overall Coverage



AR80 - High-Volume Self-Propelled

Part No.	Max Flow
25482020P	6.6 gpm
25482025P	8.0 gpm
25482030P	10.5 gpm
25482040P	13.2 gpm
25482050P	17.2 gpm
25482060P	21.0 gpm
25482070P	26.5 gpm
25482080P	29.0 gpm
25482090P	31.7 gpm
25482200P	Optional Protection Cage

- 2000 psi Rated Pressure
- 6.6 - 31.7 gpm Max Flow
- 195°F Max Temperature
- 3/4" BSP-F Inlet
- Nozzle Type 4 x 1/4" NPT-M (Not Included)
- 6.4" (165 mm) min. Overall Coverage



A300R - High Volume Self-Propelled

Part No.	Max Flow
25600010P	26.45 gpm
25600015P	34.36 gpm
25600017P	38.86 gpm
25600020P	46.63 gpm
25600024P	57.0 gpm
25600030P	79.3 gpm

- 1015 psi Rated Pressure
- 26.45 - 79.3 gpm Max Flow
- 195°F Max Temperature
- 3/4" BSP-F Inlet
- Nozzle Type 4 x 1/4" NPT-M (Not Included)
- 7.19" (183 mm) min. Overall Coverage



M21E - Electric Barrel Cleaner

Part No.	Length	Voltage
25430000P	21.7"	230VAC
25430060P	21.7"	115VAC

- 3200 psi Rated Pressure
- 5.5 gpm Max Flow
- 195°F Max Temperature
- AR1A-M22 Inlet
- Nozzle Type 2 x M4 (Included)
- 1.57" (40 mm) min. Overall Coverage



MI63 - Hydraulic Tank Cleaner

Part No.	Length
25460024P	35.4"

- 2000 psi Rated Pressure
- 6.6 gpm Max Flow
- 195°F Max Temperature
- 3/4" BSP-F Inlet
- Nozzle Type 4 x M4 (Not Included)
- 1.8" (45 mm) min. Overall Coverage



M63E - Electric 24VAC Tank Cleaner

Part No.	Length
25450004P	35.4"

- 2000 psi Rated Pressure
- 6.6 gpm Max Flow
- 195°F Max Temperature
- 3/4" BSP-F Inlet
- Nozzle Type 4 x M4 (Not Included)
- 1.8" (45 mm) min. Overall Coverage



M63P - Air Driven Tank Cleaner

Part No.	Length
25452004P	35.4"
25452604P	25.6"

- 2000 psi Rated Pressure
- 10.5 gpm Max Flow
- 195°F Max Temperature
- 3/4" BSP-F Inlet
- Nozzle Type 4 x M4 (Not Included)
- 1.8" (45 mm) min. Overall Coverage



DRAIN CLEANING NOZZLES

JT - Non-Rotating Ball Type Jetting Nozzles

Part No.	Thread NPT-F	OD	*Orifice Size	Jet Position Forward - Back
JT1/8*	1/8"	.59	035, 050, 055, 060, 065, 075, 10, 12	1 - 3
JT1/8NF*	1/4"	.75	035, 040, 045, 060, 090	0 - 3
JT1/4*	1/4"	.75	040, 045, 055, 080, 090, 10, 12	1 - 3
JT1/4*	1/4"	.75	060, 075, 11	1 - 4
JT1/4*	1/4"	.75	11	1 - 5
JT1/4NF*	1/4"	.75	035, 040, 045, 050, 055, 060, 090, 12	0 - 3
JT3/8*	3/8"	.92	055, 085	1 - 3
JT3/8*	3/8"	.92	040, 12, 14, 15, 20	1 - 4
JT3/8*	3/8"	.92	070	0 - 4

- 4200 psi Rated Pressure



JTI - Non-Rotating Ball Type Jetting Nozzle with Insert

Part No.	Thread NPT-F	OD	*Orifice Size	Jet Position Forward - Back
JTI1/4*	1/4"	.98"	060, 080, 10, 12, 15, 20	1 - 6
JTI1/4NF*	1/4"	.98"	060, 080, 10, 12, 15, 20	0 - 6
JTI3/8*	3/8"	1.18"	060, 080, 10, 12, 15, 20	1 - 4
JTI3/8NF*	3/8"	1.18"	060, 080, 10, 12, 15, 20	0 - 4
JTI3/8C*	3/8"	.98"	060, 080, 10, 12, 15, 20	1 - 6
JTI3/8CNF*	3/8"	.98"	060, 080, 10, 12, 15, 20	0 - 6
JTI1/2*	1/2"	1.18"	060, 080, 10, 12, 15, 20	1 - 6
JTI1/2NF*	1/2"	1.18"	060, 080, 10, 12, 15, 20	0 - 6
JTI3/4*	3/4"	2.76"	40	1 - 6
JTI3/4NF*	3/4"	2.76"	40	0 - 6
JTI1*	1"	2.95"	75	1 - 6
JTI1NF*	1"	2.95"	75	0 - 6

- 7250 psi Rated Pressure



ZDRAI - Drain Cleaning Nozzles

Part No.	Pressure	Inlet
ZDRAIREG (Adjustable Flow)	3000 psi	3/8" BSP-M
ZDRAIMIN	3500 psi	1/8" BSP-F
ZDRAIMIN2	3000 psi	

- 1/4" NPT Connection



JTHM - Non-Rotating Hydro Mole Jetting Nozzle

Part No.	Thread NPT-F	OD	Orifice Size	Jet Position Forward - Back
JTHM1/4	1/4"	0.86	070	4 - 3

- 7250 psi Rated Pressure
- 3 Rear Jets at 30° & 3 Rear Jets at 45°



JTM - Non-Rotating Milling Type Jetting Nozzles

Part No.	Thread NPT-F	OD	*Orifice Size	Jet Position Forward - Back
JTM1/4*	1/4"	.95	040, 050	3 - 4
JTM1/4*	1/4"	.95	060, 070, 080, 10, 12, 15, 20	4 - 4
JTM3/8*	3/8"	1.11	040	3 - 6
JTM3/8*	3/8"	1.11	070, 080, 10, 12, 15, 20, 25, 27	4 - 6
JTM1/2*	1/2"	1.23	10, 12, 15, 20, 25, 31	4 - 6
JTM3/4*	3/4"	1.50	40	4 - 6
JTM1*	1"	1.96	75	4 - 9

- 5075 psi Rated Pressure



DRAIN CLEANING NOZZLES

JTPR - Predator Jetting Nozzle

Part No.	Thread NPT-F	OD	Orifice Size	Jet Position Forward - Back
JTPR1/4	1/4"	0.86	045	1 - 3

- 7250 psi Rated Pressure



JTRR - Root Rat Jetting Nozzle

Part No.	Thread NPT-F	OD	Orifice Size	Jet Position Forward - Back
JTRR1/4	1/4"	0.86	060	1 - 6



JTR - Rotating Jetting Nozzles

Part No.	Thread NPT-F	OD	*Orifice Size	Jet Position Forward - Back - Side
JTR1/8*	1/8"	.74	045, 05, 055, 06, 07, 08	0 - 3 - 0
JTR1/4*	1/4"	.74	04, 045, 05, 055, 06, 07, 08	0 - 3 - 0
JTR1/4S*	1/4"	.74	055, 09	0 - 0 - 2
JTR1/4S*	1/4"	.74	12	1 - 0 - 2
JTR3/8*	3/8"	.94	04, 045, 05, 06, 08, 10, 12, 15, 20	0 - 3 - 0
JTR3/8F*	3/8"	.94	10, 12, 15, 18	1 - 3 - 0

- 4000 psi Rated Pressure



JTV - Vibrating / Rotating Jetting Nozzles

Part No.	Thread NPT-F	OD	*Orifice Size	Jet Position Forward - Back
JTV1/4*	1/4"	1.14	60	3 - 4
JTV1/2*	1/2"	1.57	20	3 - 5
JTV3/4*	3/4"	2.36	40	3 - 6
JTV1*	1"	3.11	75	3 - 8

- 3625 psi Rated Pressure



DMND - Dual Meg Nozzle Driver

Part No.	Inlet	Outlet	OD	Max Flow
DMND1/4	1/4" NPT-F	2 x 1/4" NPT-F	2.83	21.0 gpm

- 6000 psi Rated Pressure
- Brass Body
- Use with Two 1/4" M Nozzles



TND - TURBO Nozzle Driver

Part No.	Inlet	Outlet	OD	Rated Pressure
TND1/4	1/4" NPT-F	1/4" NPT-M	1.125	5075 psi
TND3/8	3/8" NPT-F	1/4" NPT-M	1.1875	5075 psi
TND1/2	1/2" NPT-F	1/4" NPT-M	1.4375	7250 psi

- Rotating Nozzle Attaches to Front of Driver

