

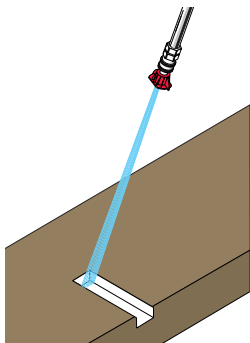
Nozzle Size Selection Chart

Determine the nozzle size by the pressure washer's GPM @ PSI (gallons per minute @ a specific pounds per square inch). If the nozzle size is too small, your equipment can be damaged. If the nozzle size is too large, cleaning ability is compromised. Nozzle fan degree does not effect nozzle size selection.

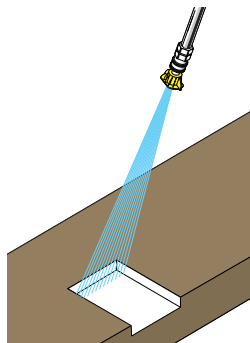
Standard Nozzle Size	Hole Size	Pounds Per Square Inch (PSI)																
		500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4500	5000
2	.034"/0.86mm	0.71	0.87	1.00	1.12	1.22	1.32	1.41	1.50	1.58	1.66	1.73	1.80	1.87	1.94	2.00	2.12	2.24
2.5	.042"/1.07mm	0.88	1.08	1.25	1.40	1.53	1.65	1.77	1.88	1.98	2.07	2.17	2.25	2.34	2.42	2.50	2.65	2.80
3	.043"/1.09mm	1.06	1.30	1.50	1.68	1.84	1.98	2.12	2.25	2.37	2.49	2.60	2.70	2.81	2.90	3.00	3.18	3.35
3.5	.048"/1.22mm	1.24	1.52	1.75	1.96	2.14	2.32	2.47	2.63	2.77	2.90	3.03	3.15	3.27	3.39	3.50	3.71	3.91
4	.052"/1.32mm	1.41	1.73	2.00	2.24	2.45	2.65	2.83	3.00	3.16	3.32	3.46	3.61	3.74	3.87	4.00	4.24	4.47
4.5	.055"/1.40mm	1.59	1.95	2.25	2.52	2.76	2.98	3.18	3.38	3.56	3.73	3.90	4.06	4.21	4.36	4.50	4.77	5.03
5	.057"/1.45mm	1.77	2.17	2.50	2.80	3.06	3.31	3.54	3.75	3.95	4.15	4.33	4.51	4.68	4.84	5.00	5.30	5.59
5.5	.060"/1.52mm	1.94	2.38	2.75	3.07	3.37	3.64	3.89	4.13	4.35	4.56	4.76	4.96	5.14	5.33	5.50	5.83	6.15
6	.062"/1.57mm	2.12	2.60	3.00	3.35	3.67	3.97	4.24	4.50	4.74	4.97	5.20	5.41	5.61	5.81	6.00	6.36	6.71
6.5	.064"/1.63mm	2.30	2.81	3.25	3.63	3.98	4.30	4.60	4.88	5.14	5.39	5.63	5.86	6.08	6.29	6.50	6.89	7.27
7	.067"/1.70mm	2.47	3.03	3.50	3.91	4.29	4.63	4.95	5.25	5.53	5.80	6.06	6.31	6.55	6.78	7.00	7.42	7.83
7.5	.070"/1.78mm	2.65	3.25	3.75	4.19	4.59	4.96	5.30	5.63	5.93	6.22	6.50	6.76	7.02	7.26	7.50	7.95	8.39
8	.072"/1.83mm	2.83	3.46	4.00	4.47	4.90	5.29	5.66	6.00	6.32	6.63	6.93	7.21	7.48	7.75	8.00	8.49	8.94
8.5	.074"/1.88mm	3.01	3.68	4.25	4.75	5.21	5.62	6.01	6.38	6.72	7.05	7.36	7.66	7.95	8.23	8.50	9.02	9.50
9	.076"/1.93mm	3.18	3.90	4.50	5.03	5.51	5.95	6.36	6.75	7.12	7.46	7.79	8.11	8.42	8.71	9.00	9.55	10.06
9.5	.078"/1.98mm	3.36	4.11	4.75	5.31	5.82	6.28	6.72	7.13	7.51	7.88	8.23	8.56	8.89	9.20	9.50	10.08	10.62
10	.080"/2.03mm	3.54	4.33	5.00	5.59	6.12	6.61	7.07	7.50	7.91	8.29	8.66	9.01	9.35	9.68	10.00	10.61	11.18
11	.083"/2.11mm	3.89	4.76	5.50	6.15	6.74	7.28	7.78	8.25	8.70	9.12	9.53	9.92	10.29	10.65	11.00	11.67	12.30
12	.087"/2.21mm	4.24	5.20	6.00	6.71	7.35	7.94	8.49	9.00	9.49	9.95	10.39	10.82	11.22	11.62	12.00	12.73	13.42
12.5	.089"/2.26mm	4.42	5.41	6.25	6.99	7.65	8.27	8.84	9.38	9.88	10.36	10.83	11.27	11.69	12.10	12.50	13.26	13.98
13	.091"/2.31mm	4.60	5.63	6.50	7.27	7.96	8.60	9.19	9.75	10.28	10.78	11.26	11.72	12.16	12.59	13.00	13.79	14.53
15	.096"/2.44mm	5.30	6.50	7.50	8.39	9.19	9.92	10.61	11.25	11.86	12.44	12.99	13.52	14.03	14.52	15.00	15.91	16.77
20	.109"/2.77mm	7.07	8.66	10.00	11.18	12.25	13.23	14.14	15.00	15.81	16.58	17.32	18.03	18.71	19.36	20.00	21.21	22.36
25	.125"/3.18mm	8.84	10.83	12.50	13.98	15.31	16.54	17.68	18.75	19.76	20.73	21.65	22.53	23.39	24.21	25.00	26.52	27.95
30	.141"/3.58mm	10.61	12.99	15.00	16.77	18.37	19.84	21.21	22.50	23.72	24.87	25.98	27.04	28.06	29.05	30.00	31.82	33.54
40	.156"/3.96mm	14.14	17.32	20.00	22.36	24.49	26.46	28.28	30.00	31.62	33.17	34.64	36.06	37.42	38.73	40.00	42.43	44.72
50	.172"/4.37mm	17.68	21.65	25.00	27.95	30.62	33.07	35.36	37.50	39.53	41.46	43.30	45.07	46.77	48.41	50.00	53.03	55.90
60	.188"/4.78mm	21.21	25.98	30.00	33.54	36.74	39.69	42.43	45.00	47.43	49.75	51.96	54.08	56.12	58.09	60.00	63.64	67.08

Nozzle Fan Selection

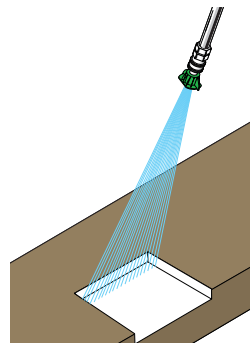
Select the nozzle degree, or spray angle, based on your application. Standard nozzle degrees – 0°, 15°, 25°, and 40°. Using the wrong nozzle degree can damage the surface you are cleaning.



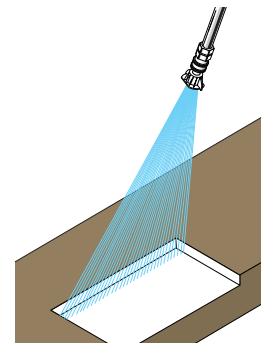
0° – Red:
Cutting nozzle. It delivers a concentrated stream that can gouge or cut. It can cut stubborn stains from concrete and other hard surfaces.



15° – Yellow:
Chiseling nozzle. Working at a 45° angle, this nozzle works like a scraper, stripping paint, grease and grime from hard surfaces.



25° – Green:
Flushing nozzle. The most commonly used nozzle for cleaning dirt from siding, sidewalks and metal furniture as well as for wet sweeping leaves.



40° – White:
Wash nozzle. Its wide spray allows you to wash and rinse a large area fast. It is usually safe with most surfaces, including aluminum siding, windows and vehicles.

GP Color Coded QC Nozzle Sets



4-Pack

Nozzle Sets, contain a complete set of 4 or 5 quick coupler nozzles 0°, 15°, 25°, and 40°. The 5 pack includes one 40 x 65° soap nozzle.

4-Pack

Orifice	Part No.	Landa No.
3.0		4-0003
3.5	259700	4-0035
4.0	259701	4-0004
4.5	259702	4-0045
5.0	259703	4-0005
5.5	259704	4-0055
6.0	259705	4-0006
6.5	259706	

5-Pack

Orifice	Part No.	Orifice	Part No.
3.5	259710	5.5	259714
4.0	259711	6.0	259715
4.5	259712	6.5	259716
5.0	259713		

General Pump Nozzles



M-Style
1/4" Male Threads

1/4" male pipe thread nozzles, rated up to 5000 psi. Hardened stainless steel nozzle insert insures consistent, accurate orifice size.

Orifice	0°	15°	25°	40°
3.0	259100	259101	259102	259103
3.5	259104	259105	259106	259107
4.0	259108	259109	259110	259111
4.5	259112	259113	259114	259115
5.0	259116	259117	259118	259119
5.5	259120	259121	259122	259123
6.0	259125	259126	259127	259128

Orifice	0°	15°	25°	40°
6.5	259130	259131	259132	259133
7.0	259135	259136	259137	259138
7.5	259140	259141	259142	259143
8.0	259145	259146	259147	259148
8.5	259150	259151	259152	259153
9.0	259155	259156	259157	259158
10.0	259160	259161	259162	259163

Landa Part No., use the following part numbering key.

example: 4-01407500 4-014 075 00
 prefix orifice size (7.5) fan size (0°)

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 37
 for orifice size



Q-Style Nozzle

"QC", Color Coded, Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 psi.

Orifice	0°	15°	25°	40°
3.0	259610	259611	259612	259613
3.5	259615	259616	259617	259618
4.0	259620	259621	259622	259623
4.5	259625	259626	259627	259628
5.0	259630	259631	259632	259633
5.5	259635	259636	259637	259638
6.0	259640	259641	259642	259643

Orifice	0°	15°	25°	40°
6.5	259645	259646	259647	259648
7.0	259650	259651	259652	259653
7.5	259655	259656	259657	259658
8.0	259660	259661	259662	259663
8.5	259665	259666	259667	259668
9.0	259670	259671	259672	259673
10.0	259675	259676	259677	259678

Landa Part No., use the following part numbering key.

example: 4-12804025 4-128 040 25
 prefix orifice size (4.0) fan size (25°)

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 37
 for orifice size



Q-Style Chemical Nozzle

Q-Style Chemical Nozzles, are brass with a large #40 orifice and 65° spray angle. Ideal for low pressure chemical applications.

Orifice	Part No.	Landa No.	Spray Angle
40	259690	4-16540	65°

Spraying Systems Nozzles



1/8" Male Threads

- Orifice recessed for protection
- 4000 psi rated working pressure
- ± 2% flow tolerance @ 70°F
- Hard edge pattern, light center requires overlap to cover center

1/8" male pipe thread nozzles, rated up to 4000 psi. Hardened stainless steel nozzle insures consistent, accurate orifice size.

Orifice	0°	15°	25°	40°
2.0	250100	250105	250110	250115
3.0	250120	250125	250130	250135
3.5	–	250137	250138	–
4.0	250140	250145	250150	250155
4.5	250160	250165	250170	250175
5.0	250180	250185	250190	250195
5.5	250200	250205	250210	250215
6.0	250220	250225	250230	250235
6.5	250240	250245	250250	250255
7.0	250260	250265	250270	250275

Orifice	0°	15°	25°	40°
7.5	250280	250285	250290	250295
8.0	250300	250305	250310	250315
8.5	250320	250325	250330	250335
9.0	250340	250345	250350	250355
9.5	–	250365	250370	250375
10.0	250380	250385	250390	250395
11.0	250400	250405	250410	–
12.0	250420	–	–	250435
15.0	250440	250445	250450	–
20.0	250500	–	–	–

Landa Part No., use the following part numbering key.

example: 4-01803515S **4-018** **035** **15** **S**
 prefix orifice size (3.5) fan size (15°) suffix

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 37
 for orifice size



1/4" Male Threads

- Orifice recessed for protection
- 4000 psi rated working pressure
- ± 2% flow tolerance @ 70°F
- Hard edge pattern, light center requires overlap to cover center

1/4" male pipe thread nozzles, rated up to 4000 psi. Hardened stainless steel nozzle insures consistent, accurate orifice size.

Orifice	0°	15°	25°	40°
2.0	251100	251105	251110	251115
2.5	251113	251116	251119	–
3.0	251120	251125	251130	251135
3.5	251140	251145	251150	251155
4.0	251160	251161	251165	251170
4.5	251175	251180	251185	251190
5.0	251195	251200	251205	251210
5.5	251215	251220	251225	251230
6.0	251235	251240	251245	251250
6.5	251255	251260	251265	251270
7.0	251275	251280	251285	251290
7.5	251300	251305	251310	251315
8.0	251320	251325	251330	251335
8.5	251340	251345	251350	251355

Orifice	0°	15°	25°	40°
9.0	251360	251365	251370	251375
10.0	251380	251385	251390	251395
11.0	251400	251405	251410	251415
12.0	251420	251425	251430	251435
12.5	251440	251445	251450	251455
13.0	251460	251465	251470	251475
15.0	251480	251485	251490	251495
20.0	251500	251505	251510	251515
25.0	251520	251525	251530	251535
30.0	251540	251545	251550	251555
40.0	251560	251565	251570	251575
50.0	251580	251585	251590	251595
60.0	251600	251605	251610	251615

Landa Part No., use the following part numbering key.

example: 4-01403025S **4-014** **030** **25** **S**
 prefix orifice size (3.0) fan size (25°) suffix

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 37
 for orifice size



QC "Wash Jet" Nozzle Color Coded Nozzle Protector

- 4000 psi max pressure
- Vane included
- Flow rated tolerance of ±2%
- Hardened SS
- 300°F max temperature
- Fits Hansen and Parker quick-couplers

"QC" or Quick Connect Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 psi.

Orifice	0° Red	15° Yellow	25° Green	40° White
4.0	255160	255161	255165	255170
4.5	255175	255180	255185	255190
5.0	255195	255200	255205	255210
5.5	255215	255220	255225	255230
6.0	255235	255240	255245	255250
6.5	255255	255260	255265	255270

Orifice	0° Red	15° Yellow	25° Green	40° White
7.0	255275	255280	255285	255290
7.5	255300	255305	255310	255315
8.0	255320	255325	255330	255335
9.0	–	255365	255370	255375
10.0	255380	255385	255390	255395
12.0	255420	255425	255430	255435

To order correct nozzle size, use the following part numbering key.

example: 4-12802040S **4-128** **020** **40** **S**
 prefix orifice size (2.0) fan size (40°) suffix

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 37
 for orifice size

Brass Nozzles for Low Pressure Applications



1/4" Male Threads

- Feather edge for wide coverage
- Allows overlap for even application
- Excellent for low pressure chemical & acid applications
- 1/4" MPT connects

1/4" male pipe thread nozzles, Brass inexpensive alternative for applications up to 700 psi.

Nozzle Size	0°	15°	25°	40°	50°	65°
15	254260B	254261B	254262B	254264B	254265B	254266B
20	254270B	254271B	254272B	254274B	254275B	254276B
30	254290B	254291B	254292B	254294B	254295B	254296B
40	254300B	254301B	254302B	254304B	254305B	254306B
50	254310B	254311B	254312B	254314B	254315B	254316B
60	254320B	254321B	254322B	254324B	254325B	254326B
70	254330B	254331B	254332B	254334B	254335B	254336B

Broad Spray Stainless Steel Nozzles



1/4" Male Threads

1/4" male pipe thread 303 stainless steel nozzles, low to medium volume up to 1500 psi medium pressure/ special application.

Nozzle Size	Equip Orifice Dia	50°	65°	80°	95°	110°
1.0	.026	254105	254106	254107	254108	254109
1.5	.031	254115	254116	254117	254118	254119
2.0	.036	254125	254126	254127	254128	254129
3.0	.043	254135	254136	254137	254138	254139
4.0	.047	254145	254146	254147	254148	254149
5.0	.053	254155	254156	254157	254158	254159
6.0	.058	254175	254176	254177	254178	254179
7.0	.063	254195	254196	254197	–	254199
8.0	.067	254215	254216	254217	254218	254219

Tip-Jet Nozzle System - Tips & Components



Tip-Jet Tips – Fit Karcher

- Neat & simple tip change
- Hardened stainless steel tips with vanes
- Strainers available
- Body components available in brass, zinc-plated steel or stainless steel
- Rated to 4000 psi

“Tip-Jet” Nozzle Systems are versatile nozzling systems for everyday or specialized applications. Also on page 11. Flat spray, full cone, hollow cone & solid stream patterns, metering orifices and atomizing tips are all available in the Tip-Jet system. Capacities range from .55 to 20 GPM.

Orifice Size	0°	15°	25°	40°
3.0	253316	253317N	253318	–
4.0	253330	253331	253332	253333
4.5	253338	253339	253340	253341
5.0	253346	253348	253349	253350
5.5	253355	253357	253358	253359
6.0	253365	253367	253368	253369

Orifice Size	0°	15°	25°	40°
6.5	253375	–	253377	253378
7.0	253383	253385	253386	253387
7.5	253392	253393	253394	253395
8.0	253400	253401	253402	253403
9.0	253415	253416	253417	253418
10.0	253456	253457	253458	253459



Tip-Jet Nozzle Bodies

Tip-Jet Nozzle Bodies, MPT inlet connections in 1/4", 3/8" and 1/2" sizes. All outlet connections are 11/16" - 16 male thread to fit Tip-Jet tip retainers and adapters.

Part No.	Material, MPT
252511	Nylon, 1/4"
252640B	Brass, 1/4"
252642	SS, 1/4"
252861P	Polypropylene, 1/4"



Tip-Jet Retainer Caps

Tip-Jet Retainer Caps, fits all Tip-Jet nozzle bodies, holds spray tips and metering orifices firmly in place.

Part No.	Material, MPT
252858B	Brass, Hex
252875	Plated Steel, Hex
252565	SS, Hex



Tip-Jet Adapter Caps

Tip-Jet Adapter Caps, similar to tip retainers, but have FPT connections for in-line applications.

Part No.	Material, MPT
252878B	Brass, 1/8"
252880B	Brass, 1/4"
252881	SS, 1/4"



Tip-Jet Strainers

Tip-Jet Strainers, fit into nozzle body cavity to stop nozzle clogging.

Part No.	Material, MPT
252627	50 Mesh, Brass w/ SS Mesh
252629	100 Mesh, Brass w/ SS Mesh
252631	200 Mesh, Brass w/ SS Mesh

Soap Nozzles



“Black” Soap Nozzles, are brass with a large #40 orifice. Ideal for low pressure chemical applications.



25°

Part No.	Orifice
255905B	40

65°

Part No.	Orifice
255920B	40

Rotomax Rotating Nozzle 3500 & 5800 PSI



- Up to 5800 psi max pressure
- 1/4" FPT inlet
- 176°F max temperature
- Weight 1.1 lbs
- Replaceable SS orifices

Part No.	Landa No.	Description	Std Nozzle Equiv	PSI
374205	4-2014	Rotomax I	4.5	3500
374210	4-2013	Rotomax II	5.5	3500
374215	4-2012	Rotomax III	6.5	3500
374216		Rotomax 401	4.5	5800
374217		Rotomax 403	6.5	5800
084400X	1-190040	Repair Kit		

Viper Rotating Nozzle



- 5000 psi max pressure
- 190°F max temperature
- 1/4" FPT inlet
- Weight 1.1 lbs

Part No.	Landa No.	Description	Std Nozzle Equiv	PSI
374126	4-2018	Viper	4.5	5000
374127	4-2017	Viper	5.5	5000
080004		Repair Kit	4.5	5000
080006		Repair Kit	5.5	5000

Rotojet 3000 / Rotojet 5000

0° Impact, 25° pattern, no gears – no teeth – no bearings. Exclusive design of the Rotojet 3000 / Rotojet 5000 eliminates start up impact and damage to internal nozzle.

- High strength forged brass
- Precision ceramic orifice and matching race
- Durable rubber/ plastic cover
- 190°F max temperature (except on 3000's)
- 1/4" FNPT



Rotojet 3000

3000 PSI			
Part No.	Landa No.	Size	PSI
374130		3.0	3000
374131	4-2020	3.5	3000
374134	4-2021	4.0	3000
374132	4-2022	4.5	3000

3000 PSI			
Part No.	Landa No.	Size	PSI
374135	4-2023	5.0	3000
374137	4-2024	5.5	3000
374136	4-2025	6.0	3000

Must start with nozzle pointed down

Repair Kit			
Part No.	Landa No.	Size	PSI
109297		3.0	3000
109296	89-0204107330	3.5	3000
109298	89-0204107340	4.0	3000
109299	89-0204107350	4.5	3000

Repair Kit			
Part No.	Landa No.	Size	PSI
109300	89-0204107360	5.0	3000
109301	89-0204107370	5.5	3000
109302	89-0204107380	6.0	3000



Rotojet 5000

5000 PSI			
Part No.	Landa No.	Size	PSI
374142		3.0	5000
374143		3.5	5000
374144	4-2030	4.0	5000
374145	4-2031	4.5	5000
374146	4-2032	5.0	5000
374148	4-2033	5.5	5000
374150	4-2034	6.0	5000

5000 PSI			
Part No.	Landa No.	Size	PSI
374151		6.5	5000
374153	4-2035	7.0	5000
374156	4-2036	8.0	5000
374158		9.0	5000
374160		10.0	5000
374162		11.0	5000
374161	4-2037	12.0	5000

Repair Kit			
Part No.	Landa No.	Size	PSI
109428		3.0	5000
109429		3.5	5000
109430	89-0204106910	4.0	5000
109431	89-0204106915	4.5	5000
109432	89-0204106920	5.0	5000
109433	89-0204106925	5.5	5000
109434	89-0204106930	6.0	5000

Repair Kit			
Part No.	Landa No.	Size	PSI
109435		6.5	5000
109436	89-0204106940	7.0	5000
109437	89-0204106950	8.0	5000
109438		9.0	5000
109439		10.0	5000
109440		11.0	5000
109441	89-0204106990	12.0	5000

NOZZLES

Dirt Killer Rotating Nozzle



4-20091

4700 maximum psi, popular model that provides great impact and cleaning power.

- 180°F maximum temperature
- 1/4" inlet

Part No.	Orifice	PSI
4-20091	045	3200
4-200910	Repair Kit	

Part No.	Orifice	PSI
4-20092	055	4700
4-200920	Repair Kit	

Suttner Turbo Nozzles



ST-357 - 3000 psi

- Forged brass
- Precision ceramic orifice

- Rubber cover/ protector
- 190°F max temperature

3000 PSI Part No.	Size	PSI
374103	3.0	3000
374104	3.5	3000
374106	4.0	3000

3000 PSI Part No.	Size	PSI
374105	4.5	3000
374107	5.0	3000

3000 PSI Part No.	Size	PSI
374109	5.5	3000
374108	6.0	3000

Repair Kit Part No.	Size	PSI
085458	3.0	3000
085457	3.5	3000
085452	4.0	3000

Repair Kit Part No.	Size	PSI
085449	4.5	3000
085453	5.0	3000

Repair Kit Part No.	Size	PSI
085456	5.5	3000
085454	6.0	3000



ST-457 - 5000 psi

5000 PSI Part No.	Size	PSI
374300	3.0	5000
374301	3.5	5000
374302	4.0	5000
374303	4.5	5000

5000 PSI Part No.	Size	PSI
374304	5.0	5000
374305	5.5	5000
374306	6.0	5000

5000 PSI Part No.	Size	PSI
374308	7.0	5000
374309	8.0	5000
374310	10.0	5000

Repair Kit Part No.	Size	PSI
085465A	3.0	5000
085465	3.5	5000
085466	4.0	5000
085467	4.5	5000

Repair Kit Part No.	Size	PSI
085468	5.0	5000
085469	5.5	5000
085470	6.0	5000

Repair Kit Part No.	Size	PSI
085472	7.0	5000
085473	8.0	5000
085474	10.0	5000

Twin Turbo Nozzle Lances



- 4000 psi max pressure
- 176°F max temperature
- 4.0 GPM max flow
- M22 x 1.5 inlet
- 0.8 mm orifice
- Comes with 2 nozzles installed

Part No.	Length	Orifice	PSI
368140	42"	2 x 3.0	3000
368142	42"	2 x 3.0	5000

Rotojet 2000

Economy Turbo Nozzle.



- Great economy Washer
- 2000 psi max pressure
- 1/4" FPT inlet
- 140°F max temperature
- 5.4 oz weight

Part No.	Orifice	Color	PSI
374175	3.0	Yellow	2000
374176	3.5	Black	2000
374177	4.0	Blue	2000

High Pressure Nozzle Filters



342040

347097

347098

342042

- 1/4" MPT outlet
- 300°F max temperature
- 100 mesh screen
- 5000 psi max pressure

Part No.	Landa No.	Material	Inlet	Outlet
342040	2-99071	Brass	1/4" FPT	1/4" MPT
342042		Brass	1/4" QC	1/4" MPT
347097	2-990712	416 SS	1/4" QC	1/4" MPT
347098		Brass	1/4" MPT	1/4" MPT



Duo-Reg Nozzle



Duo-Reg Nozzles are designed for Industrial use and priced for ALL applications. Easy Push/Pull low to high pressure change and easy turn to adjust from 0° to 80° fan pattern.

- Stainless steel replaceable orifices
- 3000 psi capability
- 300°F max temperature
- 1/4" FPT connect
- Tough glass-filled nylon cover
- Compact size: 3-3/8" long, 1-3/16" diameter, 5.7 oz weight

Part No.	Color	Orifice Angle
374030	Yellow	3.0
374035	White	3.5
374040	Blue	4.0
374045	Brown	4.5

Part No.	Color	Orifice Angle
374050	Green	5.0
374055	Sky	5.5
374060	Black	6.0
374065	-	6.5

Part No.	Color	Orifice Angle
374070	-	7.0
374075	-	7.5
374080	-	8.0

Multi-Fan Nozzle



Adjust from maximum Impact Zero Stream to 80° Wide Angle Spray with a Twist of the Nozzle Body.

- 1/4" FPT connect
- 2900 psi max pressure
- Replaceable SS orifices
- SS deflector
- 210°F max temperature

Part No.	Color	Orifice Angle
373352	Yellow	3.0
373353	White	3.5
373354	Blue	4.0
373356	Brown	4.5

Part No.	Color	Orifice Angle
373357	Green	5.0
373358	Sky	5.5
373359	Gray	6.0
373360	-	6.5

Part No.	Color	Orifice Angle
373361	-	7.0
373362	-	7.5
373363	-	8.0

HL250 High / Low Variable Angle Nozzles



Push/Pull for easy change between high and low pressure; simple twist to adjust 0° – 80° spray fan pattern.

- Stainless steel replaceable orifice
- 4000 psi max pressure
- Durable glass-filled nylon cover
- 200° max temperature
- 1/4" FPT inlet
- Weight .4 lbs

Part No.	Color	Orifice Angle
374086	Light Green	2.0
374087	Pink	2.5
374088	White	3.0
374090	Brown	3.5

Part No.	Color	Orifice Angle
374091	Dark Yellow	4.0
374092	Blue	4.5
374093	Purple	5.0
374094	Dark Red	5.5

Part No.	Color	Orifice Angle
374095	Dark Green	6.0
374096	Light Blue	6.5
374097	Orange	7.0
374098	Silver	8.0

Interchangeable Orifices - fit nozzles on this page



Orifice sizes for Duo-Reg, Multi-Fan and VapJet nozzles correspond to standard "MEG" orifice diameters – Multi-Reg sizes relate ONLY to metric orifice diameter.

Part No.	Orifice Dia	Fits Duo-Reg	Fits Multi-Reg
084021	.043	3.0	n/a
084023	.048	3.5	n/a
084025	.051	4.0	3.0
084026	.053	n/a	3.5
084027	.055	4.5	4.0

Part No.	Orifice Dia	Fits Duo-Reg	Fits Multi-Reg
084028	.057	5.0	4.5
084029	.059	5.5	5.0
084030	.061	6.0	5.5
084031	.063	6.5	6.0

Part No.	Orifice Dia	Fits Duo-Reg	Fits Multi-Reg
084032	.065	n/a	6.5
084033	.067	7.0	7.0
084034	.069	7.5	7.5
084035	.071	8.0	8.0

NOZZLES

Double Nozzle Head



- Durable machined brass body
- Stainless steel ball
- Chemical-resistant
- Heavy nickel plate
- 3600 psi max pressure
- 300°F max temperature
- Up to 10 GPM flow for low side pressure at 250 psi
- 1/4" female inlet, 2 female outlets
- New ball guide & seat

Part No.	Description
373058A	Double Nozzle Head

Rollover Nozzle - Twist-Type

Holds 2 MEG nozzles on opposite sides for positive change from chemical application to high pressure rinse.



- Nickel-plated brass body
- 180°F max temperature
- 1000 psi max pressure

Part No.	Description
373054	Dual 1/4" FPT in/out
075020X	Repair Kit

Adjustable Nozzle



Compact full feature unit weighs only 4.3 oz, same functions as ST-51N.



- 3600 psi max pressure
- 10 GPM max flow
- 300°F max temperature
- Machined brass body
- Nylon adjustment knob
- 1/4" FPT inlet/outlet

Part No.	Description
373051P	Adjustable Nozzle

ST-56 Rollover Nozzle Head



- Brass body
- 3500 psi max pressure
- 8 GPM max flow
- 300°F max temperature
- Glass-filled polyamide cover
- 1/4" FPT inlet & outlet

Part No.	Description
373056	Rollover Nozzle Head

ST-51N Adjustable Nozzle



Nozzle Holder allows water to be diverted around the Fixed Orifice Nozzle, dropping the pressure and allowing the Chemical Injector to operate.



- Attaches to 1/4" MPT lance
- Accepts 1/4" MEG nozzles
- 8.0 GPM max flow
- 300°F max temperature
- 3500 psi max pressure
- 5.9 oz weight

Part No.	Description
373051	ST-51N

Steam Nozzle



Steam Nozzle Blank



Flat Steam Nozzle

- One-piece brass
- 1450 psi max pressure
- Steam Nozzle - 1/4" F
- Steam Blank - 3/8" M

Part No.	Landa No.	Description
373710		Flat Steam Nozzle, 1.5mm
373702	4-2000	Steam Nozzle Blank – Drill to Size
373705		Nozzle Blank – Drilled to 1.6mm

Stainless Steel Sewer Nozzles



- 4100 psi max pressure
- Corrosion Resistant Stainless Steel
- One Forward Orifice
- Three Rear Orifices

Part No.	Landa No.	Nozzle Size
373075	1/8" FPT	5.0
373076	1/8" FPT	5.5
373077	1/8" FPT	6.0
373078	1/4" FPT	6.5
373079	1/4" FPT	7.0
373080	1/4" FPT	9.5

Tube Cleaning Nozzles



- Standard sewer nozzle
- Blast forward and back
- Clears clogs and flushes out lines
- 4200 psi

Part No.	Landa No.	Nozzle Size
373024	(back jet only)	1/8" 5.0
373023	4-01916	1/8" 5.5
373027	4-019101	1/4" 4.5
373025	4-01911	1/4" 5.5
373026	4-01913	1/4" 6.0
373029	4-01914	1/4" 7.5
373028		1/4" 8.0
373032		1/4" 12
373038		3/8" 4.0
373037		3/8" 5.5
373039		3/8" 8.5
373036		3/8" 12
373035		3/8" 14



- Rotating sewer nozzle
- Adds extra agitation
- 3000 psi
- **Back Jet Only**
- More sewer cleaning accessories, page 111

Part No.	Landa No.	Nozzle Size
Rotating Nozzle		
373062	4-01917	1/8" 5.5
373061	4-01918	1/4" 5.5
373064	4-01919	1/4" 8.0
373040	Duct Clnr*	1/4" 5.5

* Duct Cleaner jet to sides instead of reverse

Nozzle Protector / Coupler



- Protect nozzles and finished surfaces
- Deep nozzle recess
- Tough plastic protector
- 1/4" FPT coupler inlet

Part No.	Description
373002	1/8" Nozzle
373004	1/4" Nozzle

Lance Nozzle Couplers

Changes MPT Lance to FPT for Mounting MPT Nozzles.



Part No.	Landa No.	Description
Brass		
140452	2-1013	1/8" x 1/8"
140502	2-1095	1/4" x 1/8"
140454	2-1014	1/4" x 1/4"
Steel		
368903		1/8" X 1/8"
368902		1/4" x 1/8"
368904		1/4" x 1/4"

Slip-On Nozzle Protector

A durable, easy-to-use nozzle protector. Plastic rubber compound – FLEXIBLE but TOUGH.



- 1-1/2" diameter at flare-end
- Slip-fits standard lances
- 2-1/2" long
- Only 1.2 oz!
- Slip onto Lance
- Attach Nozzle Coupler & Nozzle
- Slide Protector Forward for COMPLETE NOZZLE PROTECTION

Part No.	Description
373006	Slip-on Nozzle Protector

Rosebud Nozzle Guard

Molded Rubber Guard which fits tightly around the nozzle to protect the nozzle and painted surfaces.

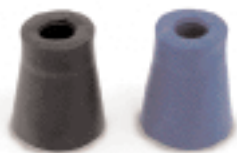


- 1/8" MEG

Part No.	Description
373012	Nozzle Guard

Nozzle Protectors - 1/8"

Great for adding a splash of color in car wash bays.



- Strong, flexible plastic
- 1/8" nozzle holds it in place on 1/4" pipe wand

Part No.	Description
373016BLK	Black
373016BLU	Blue

Compact Foamer



Generates a high density clinging foam for extended dwell time to increase chemical action



- Stainless steel, aluminum and brass
- 5" long, 1" diameter
- 4 and 6.5 nozzle included
- 1 to 5 GPM max flow
- 195°F max temperature
- 2500 psi max pressure

Part No.	Description
344022V	1/8" F Inlet
344023V	1/4" F Inlet

NOTES: Most cleaning chemicals perform best when applied at 120° - 150°F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct product.

Foam Cannon

The Ideal Foam Generator Application Accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



- Stainless Steel 1.5mm orifice (#5.5 nozzle equivalent)
- Brass meter valve
- 3000 psi max pressure
- High impact glass-filled body
- 4.8 GPM max flow
- SS Foam Turbulator
- 176°F max temperature
- 1/4" FPT lance connect

Part No.	Description
344030	Foam Cannon/ Injector
344032	Foam Cannon/ Injector/Bottle

Foamers

Use your pressure washer and the HPSS with compressed air to create a rich, clinging foam. With the A-10SS you can turn your pressure washer into a foam applicator without using compressed air.



- No compressed air needed
- Meters Chemicals



- Ideal for most applications
- Meters Chemicals

A-10SS Airless Foamer w/ Wand Assembly

HPSS Foamer and Wand

Part No.	Description
344047	A-10SS Airless Foamer
344048	HPSS Foamer and Wand
150459	1/2" x 50' Discharge Hose w/so/sw & hose bend guards (both ends)