

# High pressure solid stream nozzles Series 548

## Properties:

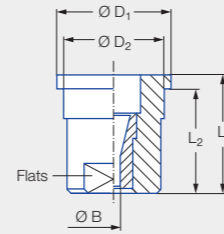
- Concentrated solid stream jet
- High impact
- Housing 303 SS, insert: Hardened stainless steel 420F
- Assembly with retaining nut

## Applications:

- Cleaning and washing processes



Series 548



Code	Dimensions [mm]					Weight [g]	p <sub>max</sub> <sup>1</sup> [bar]
	L <sub>1</sub>	L <sub>2</sub>	Ø D <sub>1</sub>	Ø D <sub>2</sub>	Flats		
Assembly with retaining nut 3/8 BSPP	16.00	14.00	14.80	12.65	10	13.00	approx. 300

<sup>1</sup> Applies only to operation at constant pressure.

US gal/min at 40 psi	Ordering no. Type	Bore diameter B [mm]	V water [l/min]							
			p [bar]							
			40	60	80	100	120	150	200	300
01	548.300.A3.29	0.60	1.44	1.77	2.04	2.28	2.50	2.79	3.22	3.95
02	548.360.A3.29	0.84	2.88	3.53	4.08	4.56	5.00	5.58	6.45	7.90
025	548.380.A3.29	0.94	3.60	4.42	5.10	5.70	6.24	6.98	8.06	9.87
027	548.390.A3.29	0.99	3.89	4.76	5.50	6.15	6.74	7.53	8.70	10.65
03	548.400.A3.29	1.03	4.33	5.30	6.12	6.84	7.49	8.38	9.67	11.85
034	548.410.A3.29	1.07	4.90	6.00	6.93	7.75	8.49	9.49	10.96	13.42
035	548.420.A3.29	1.11	5.05	6.18	7.14	7.98	8.74	9.77	11.29	13.82
038	548.440.A3.29	1.15	5.48	6.71	7.75	8.66	9.49	10.61	12.25	15.00
04	548.450.A3.29	1.19	5.77	7.06	8.16	9.12	9.99	11.17	12.90	15.80
045	548.470.A3.29	1.26	6.49	7.95	9.18	10.26	11.24	12.57	14.51	17.77
05	548.480.A3.29	1.33	7.21	8.83	10.20	11.40	12.49	13.96	16.12	19.75
055	548.500.A3.29	1.39	7.93	9.71	11.22	12.54	13.74	15.36	17.73	21.72
06	548.520.A3.29	1.46	8.65	10.60	12.24	13.68	14.99	16.75	19.35	23.69
065	548.530.A3.29	1.51	9.37	11.48	13.26	14.82	16.23	18.15	20.96	25.67
070	548.540.A3.29	1.58	10.09	12.36	14.28	15.96	17.48	19.55	22.57	27.64
074	548.550.A3.29	1.62	10.67	13.07	15.09	16.87	18.48	20.66	23.86	29.22
08	548.570.A3.29	1.69	11.54	14.13	16.31	18.24	19.98	22.34	25.80	31.59
087	548.580.A3.29	1.76	12.54	15.36	17.74	19.83	21.72	24.29	28.04	34.35
089	548.590.A3.29	1.78	12.83	15.72	18.15	20.29	22.23	24.85	28.69	35.14
10	548.600.A3.29	1.88	14.41	17.65	20.38	22.79	24.97	27.91	32.23	39.47
11	548.620.A3.29	1.97	15.86	19.42	22.42	25.07	27.46	30.70	35.45	43.42
124	548.640.A3.29	2.09	17.87	21.89	25.28	28.26	30.96	34.61	39.97	48.95
131	548.650.A3.29	2.15	18.89	23.13	26.71	29.86	32.71	36.57	42.23	51.72
139	548.660.A3.29	2.22	20.04	24.54	28.34	31.68	34.70	38.80	44.80	54.87
15	548.670.A3.29	2.30	21.62	26.48	30.58	34.19	37.45	41.87	48.35	59.22
165	548.690.A3.29	2.41	23.79	29.13	33.64	37.61	41.20	46.06	53.19	65.14
174	548.700.A3.29	2.48	25.08	30.72	35.47	39.66	43.45	48.57	56.09	68.69
183	548.710.A3.29	2.55	26.38	32.31	37.31	41.71	45.69	51.08	58.99	72.24
20	548.720.A3.29	2.66	28.83	35.31	40.78	45.59	49.94	55.84	64.47	78.96
218	548.740.A3.29	2.77	31.43	38.49	44.44	49.69	54.43	60.86	70.27	86.07
25	548.760.A3.29	2.96	36.04	44.14	50.97	56.99	62.43	69.80	80.60	98.71
294	548.790.A3.29	3.22	42.38	51.91	59.94	67.01	73.41	82.07	94.77	116.06
310	548.800.A3.29	3.30	44.69	54.73	63.20	70.66	77.40	86.54	99.93	122.39

Conversion formula for this series:  $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Assembly accessories can be found in Chapter 9 "Accessories".

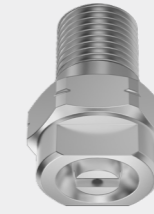
# High pressure solid stream nozzles Series 550

## Properties:

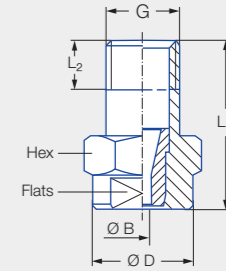
- Concentrated solid stream jet
- High impact
- Housing 303, insert: Hardened stainless steel 1.4034 S

## Applications:

- Cleaning and washing processes



Series 550



G	Dimensions [mm]					Weight [g]	p <sub>max</sub> <sup>1</sup> [bar]
	L <sub>1</sub>	L <sub>2</sub>	Ø D	Hex	Flats		
1/8 BSPT	22.0	6.5	13.0	14	10	13.0	approx. 700
1/8 NPT	22.0	6.5	13.0	14	10	13.0	approx. 700

<sup>1</sup> Applies only to operation at constant pressure.

US gal/min at 40 psi	Ordering no. Type	Code	Bore diameter B [mm]	V water [l/min]							
				p [bar]							
				40	60	80	100	120	150	200	300
01	550.300.A3	00 07	0.60	1.44	1.77	2.04	2.28	2.50	2.79	3.22	3.95
02	550.360.A3	00 07	0.84	2.88	3.53	4.08	4.56	5.00	5.58	6.45	7.90
025	550.380.A3	00 07	0.94	3.60	4.42	5.10	5.70	6.24	6.98	8.06	9.87
027	550.390.A3	00 07	0.99	3.89	4.76	5.50	6.15	6.74	7.53	8.70	10.65
03	550.400.A3	00 07	1.03	4.33	5.30	6.12	6.84	7.49	8.38	9.67	11.85
034	550.410.A3	00 07	1.07	4.90	6.00	6.93	7.75	8.49	9.49	10.96	13.42
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05	550.480.A3	00 07	1.33	7.21	8.83	10.20	11.40	12.49	13.96	16.12	19.75
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20	550.720.A3	00 07	2.66	28.83	35.31	40.78	45.59	49.94	55.84	64.47	78.96
218	550.740.A3	00 07	2.77	31.43	38.49	44.44	49.69	54.43	60.86	70.27	86.07
25	550.760.A3	00 07	2.96	36.04	44.14	50.97	56.99	62.43	69.80	80.60	98.71
294	550.790.A3	00 07	3.22	42.38	51.91	59.94	67.01	73.41	82.07	94.77	116.06
310	550.800.A3	00 07	3.30	44.69	54.73	63.20	70.66	77.40	86.54	99.93	122.39

Conversion formula for this series:  $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Ordering Type + Code = Ordering no.  
example: 550.300.A3 + 00 = 550.300.A3.00

Assembly accessories can be found in Chapter 9 "Accessories".