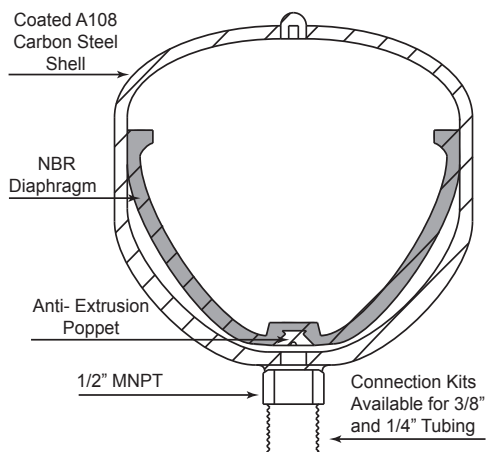




IMC Pulsation Dampeners utilize the compressibility of nitrogen gas for storing hydraulic energy during pump compression. The nitrogen gas is compressed when the pulsation dampener fills with a chemical from the injection pump. When the pressure drops during the return cycle of the chemical injection pump, the pulsation dampener steps in and uses its stored energy to dispense the stored fluid, enabling a more constant injection pressure. This beneficial feature enables the user to decrease the speed of their pump while maintaining a uniform pressure to the atomizer or quill. The result is money saved from less wear and tear on the pump, more efficient chemical injection, and better process control. Pulsation dampeners can be mounted in any position due to their sealed and compact design, although vertical installation is recommended for longer product life.

Product Features

- A108 carbon steel construction
- 500 psi pre-charge
- 3000 psi MAOP
- 1/2" NPT pipeline connection
- NBR diaphragm material
- -50°F - 180°F operating range
- Integrated anti-extrusion poppet
- Optional connection kit



Pictured model shown with 3/8" tube connection kit.

Spring Loaded Nozzle

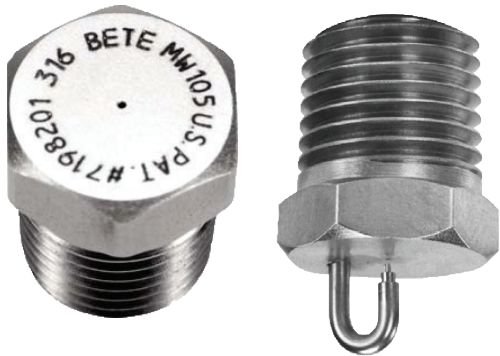


Spring Loaded Nozzle Features

- 316 stainless steel construction
- 1/8" FNPT connection
- 525 psi cracking
- 1-100 gal/day injection rate
- requires 3/4" full port ball valve or larger
- highly efficient self cleaning design

		gallons per minute @ psi above process pressure						
		525	600	800	1000	1500	2000	3000
		PSI	PSI	PSI	PSI	PSI	PSI	PSI
SLN		.0008				.695		

BETE Fog Nozzles



BETE MicroWhirl & PJ Features

- 316 stainless steel construction (other material available)
- 1/8" MNPT connection
- .5-1250 gal/day injection rate
- requires 1/2" full port ball valve or larger
- integrated polypropylene filter
- other nozzles available

		gallons per minute @ psi above process pressure							
		50	60	80	100	200	400		
		PSI	PSI	PSI	PSI	PSI	PSI		
PJ-6		.006	.007	.008	.010	.013	.019		
		100	300	600	1000	1500	2000	2500	3000
		PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI
MW-085		.009	.015	.021	.027	.033	.038	.043	.047
MW-695		.069	.120	.170	.219	.268	.310	.347	.380

BETE TF Mixing Nozzles



TF-Nozzle Features

- 316 stainless steel construction (other material available)
- 1/8" FNPT connection (larger connections available)
- 700-18,000 gal/day injection rate
- requires 3/4" full port ball valve or larger (dependent upon nozzle)
- additional nozzles available for higher flow

		gallons per minute @ psi above process pressure										
		5	10	20	30	40	50	60	80	100	200	400
		PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI
TF-6		.495	.70	.99	1.21	1.40	1.57	1.71	1.98	2.21	3.13	4.43
TF-10		1.41	2.00	2.83	3.46	4.00	4.47	4.90	5.66	6.32	8.94	12.6