



# CUSTOM-FABRICATED GRANULATION LANCES

### PRODUCT OVERVIEW

We are able to provide fully customized lances for your high-shear granulation application. The lances are available in either adjustable hydraulic or fixed length and use TP style UniJet® or TeeJet® spray tips.

#### FEATURES AND BENEFITS

- Completely customizable, designed to fit your mixer's exact specifications
- Threadless, sanitary design all components are welded in place
- Sanitary connections
- Materials of construction: 316L stainless steel



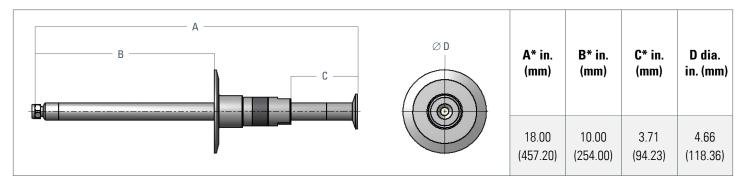
# SPRAY TIP: RETROFIT YOUR HIGH-SHEAR MIXER TO ENHANCE GRANULATION RESULTS

Replace your existing spray assembly with a completely customized high-shear granulation lance for improved performance and sanitation. We are able to customize high-shear granulation lances to fit a range of high-shear mixers, including Fluid Air PHARMX® systems as well as those of other manufacturers.

For more information on high-shear mixers, visit fluidairinc.com.



## **DIMENSIONS** — CUSTOM-FABRICATED GRANULATION LANCES



 ${}^{*}\text{Custom lengths available}.$ 

## **PERFORMANCE DATA**

Spray Angle at 40 PSI	Capacity Size	Orifice Dia. (in.)*	Capacity gpm**											Spray Angle (°)			
			5	10	20	30	40	60	80	100	200	300	500	20	40	80	200
80°	0050	.018			.035	.043	.050	.060	.07	.08	.11	.14	.18	61	80	95	101
	0067	.021		.033	.05	.06	.067	.08	.09	.11	.15	.18	.24	67	80	94	99
	01	.026		.05	.07	.09	.10	.12	.14	.16	.22	.27	.35	68	80	89	92
	015	.032		.08	.11	.13	.15	.18	.21	.24	.34	.41	.53	68	80	89	92
	02	.035	.07	.10	.14	.17	.20	.24	.28	.32	.45	.55	.71	69	80	88	91
	03	.043	.11	.15	.21	.26	.30	.37	.42	.47	.67	.82	1.1	70	80	87	90
	04	.050	.14	.20	.28	.35	.40	.49	.57	.63	.89	1.1	1.4	71	80	86	89
	045	.053	.16	.23	.32	.39	.45	.55	.64	.71	1.0	1.2	1.6	71	80	86	89
	05	.056	.18	.25	.35	.43	.50	.61	.71	.79	1.1	1.4	1.8	71	80	86	89
	06	.061	.21	.30	.42	.52	.60	.73	.85	.95	1.3	1.6	2.1	72	80	85	88
	07	.066	.25	.35	.49	.61	.70	.86	.99	1.1	1.6	1.9	2.5	72	80	85	88
	08	.071	.28	.40	.57	.69	.80	.98	1.1	1.3	1.8	2.2	2.8	72	80	84	87
	09	.075	.32	.45	.64	.78	.90	1.1	1.3	1.4	2.0	2.5	3.2	73	73	73	73
	10	.079	.35	.50	.71	.87	1.0	1.2	1.4	1.6	2.2	2.7	3.5	73	80	84	87
	11	.083	.39	.55	.78	.95	1.1	1.3	1.6	1.7	2.5	3.0	3.9	73	73	73	73
	12	.087	.42	.60	.85	1.0	1.2	1.5	1.7	1.9	2.7	3.3	4.2	73	73	73	73
	13	.090	.46	.65	.92	1.1	1.3	1.6	1.8	2.1	2.9	3.6	4.6	73	73	73	73
	14	.093	.49	.70	.99	1.2	1.4	1.7	2.0	2.2	3.1	3.8	4.9	73	73	73	73
	15	.097	.53	.75	1.1	1.3	1.5	1.8	2.1	2.4	3.4	4.1	5.3	74	80	83	86
	16	.100	.57	.80	1.1	1.4	1.6	2.0	2.3	2.5	3.6	4.4	5.7	74	80	83	86
	17	.103	.60	.85	1.2	1.5	1.7	2.1	2.4	2.7	3.8	4.7	6.0	74	80	83	86
	20	.112	.71	1.0	1.4	1.7	2.0	2.4	2.8	3.2	4.5	5.5	7.1	74	80	83	86
	25	.121	.88	1.3	1.8	2.2	2.5	3.1	3.5	4.0	5.6	6.8	8.8	74	80	83	86
	30	.133	1.1	1.5	2.1	2.6	3.0	3.7	4.2	4.7	6.7	8.2	10.6	74	80	83	86
	40	.153	1.4	2.0	2.8	3.5	4.0	4.9	5.7	6.3	8.9	11.0	14.1	74	80	83	86
	50	.172	1.8	2.5	3.5	4.3	5.0	6.1	7.1	7.9	11.2	13.7	17.7	74	80	83	85
	60	.188	2.1	3.0	4.2	5.2	6.0	7.3	8.5	9.5	13.4	16.4	21	75	80	83	85
	70	.203	2.5	3.5	4.9	6.1	7.0	8.6	9.9	11.1	15.7	19.2	25	75	80	83	86

## **ORDERING INFORMATION** — CUSTOM-FABRICATED GRANULATION LANCES

For ordering information on custom-fabricated granulation lances, contact us.