SERIES 100 — SPIRAL STAINLESS STEEL PIPE MIXER

This all-stainless mixer is rugged and reliable. The interior elements are available with either a Teflon® coating or plain stainless steel. The Series 100 is modular so two modules can be coupled together using a pipe connector. Each diameter is available in two lengths.



Specification

- **Elements:** 316 Stainless Steel, removable and non-removable
- **Housing:** 304 Stainless Steel Pipe Male Threaded Ends-NPT
- **Connections:** Plain ends also available

Accessories (Accessories Descriptions on page 3-18 and 3-19)

- Pipe Connector
- Wire Brush

SERIES 100 MIXER

PART NO.	MIXING ELEMENTS	ELEMENT COATING	ELEMENT DIA. (INCH / MM)	HOUSING ENDS (MNPT)	HOUSING LENGTH (INCH / CM)	HOUSING OUTSIDE DIA.(INCH / MM)	PRESSURE LIMIT (PSI@300°F / BAR@150°C)
100-106	6	Stainless	0.267 / 6.78	1/8"	2.75 / 6.99	0.405 / 10.29	4400 / 303
100-112	12	Stainless	0.267 / 6.78	1/8"	5.38 / 13.67	0.405 / 10.29	4400 / 303
100-206	6	Stainless	0.363 / 9.22	1/4"	3.75 / 9.53	0.540 / 13.72	3400 / 234
100-212	12	Stainless	0.363 / 9.22	1/4"	7.00 / 17.78	0.540 / 13.72	3400 / 234
100-306	6	Stainless	0.494 / 12.55	3/8"	5.00 / 12.70	0.675 / 17.15	7250 / 500
100-312	12	Stainless	0.494 / 12.55	3/8"	9.50 / 24.13	0.675 / 17.15	7250 / 500
100-406	6	Stainless	0.623 / 15.83	1/2"	5.75 / 14.61	0.840 / 21.34	7250 / 500
100-412	12	Stainless	0.623 / 15.83	1/2"	11.00 / 27.94	0.840 / 21.34	7250 / 500
100-606	6	Stainless	0.779 / 19.79	3/4"	7.75 / 19.69	1.050 / 26.67	6000 / 415
100-612	12	Stainless	0.779 / 19.79	3/4"	14.75 / 37.47	1.050 / 26.67	6000 / 415
100-624	24	Stainless	0.779 / 19.79	3/4"	29.50 / 74.93	1.050 / 26.67	6000 / 415
100-806	6	Stainless	1.032 / 26.21	1"	9.50 / 24.13	1.315 / 33.40	4500 / 310
100-809	9	Stainless	1.032 / 26.21	1"	14.00 / 35.56	1.315 / 33.40	4500 / 310
100-812	12	Stainless	1.032 / 26.21	1"	18.50 / 46.99	1.315 / 33.40	4500 / 310
101-106	6	Stainless	1.350 / 33.29	1-1/4"	12.50 / 31.75	1.660 / 42.16	4300 / 296
101-109	9	Stainless	0.267 / 6.78	1-1/4"	18.38 / 46.69	0.405 / 10.29	4400 / 303
101-206	6	Stainless	1.580 / 40.13	1-1/2"	14.00 / 35.56	1.900 / 48.26	3000 / 207
101-212	12	Stainless	1.580 / 40.13	1-1/2"	27.25 / 69.22	1.900 / 48.26	3000 / 207
101-606	6	Stainless	2.035 / 51.69	2"	17.50 / 44.45	2.375 / 60.33	2500 / 170
101-612	12	Stainless	2.035 / 51.69	2"	34.50 / 87.63	2.375 / 60.33	2500 / 170
101-618	18	Stainless	0.779 / 19.79	3/4"	22.00 / 55.88	1.050 / 26.67	6000 / 415
102-106	6	Teflon®	0.267 / 6.78	1/8"	2.75 / 6.99	0.405 / 10.29	4400 / 303
102-112	12	Teflon®	0.267 / 6.78	1/8"	5.38 / 13.67	0.405 / 10.29	4400 / 303
102-206	6	Teflon®	0.363 / 9.22	1/4"	3.75 / 9.53	0.540 / 13.72	3400 / 234
102-212	12	Teflon®	0.363 / 9.22	1/4"	7.00 / 17.78	0.540 / 13.72	3400 / 234
102-306	6	Teflon®	0.494 / 12.55	3/8"	5.00 / 12.70	0.675 / 17.15	7250 / 500
102-312	12	Teflon®	0.494 / 12.55	3/8"	9.50 / 24.13	0.675 / 17.15	7250 / 500
102-406	6	Teflon®	0.623 / 15.83	1/2"	5.75 / 14.61	0.840 / 21.34	7250 / 500
102-412	12	Teflon®	0.623 / 15.83	1/2"	11.00 / 27.94	0.840 / 21.34	7250 / 500
102-606	6	Teflon®	0.779 / 19.79	3/4"	7.75 / 19.69	1.050 / 26.67	6000 / 415
102-612	12	Teflon®	0.779 / 19.79	3/4"	14.75 / 37.47	1.050 / 26.67	6000 / 415
102-806	6	Teflon®	1.032 / 26.21	1"	9.50 / 24.13	1.315 / 33.40	4500 / 310
102-812	12	Teflon®	1.032 / 26.21	1"	18.50 / 46.99	1.315 / 33.40	4500 / 310
103-206	6	Teflon®	1.580 / 40.13	1-1/2"	14.00 / 35.56	1.900 / 48.26	3000 / 207
103-212	12	Teflon®	1.580 / 40.13	1-1/2"	27.25 / 69.22	1.900 / 48.26	3000 / 207
103-606	6	Teflon®	2.035 / 51.69	2"	17.50 / 44.45	2.375 / 60.33	2500 / 170
103-612	12	Teflon®	2.035 / 51.69	2"	34.50 / 87.63	2.375 / 60.33	2500 / 170

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